

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055242.D
 Acq On : 25 Apr 2019 13:27
 Operator : JC/SP
 Sample : VN0426WBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

Quant Time: Apr 26 02:17:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	658461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	280175	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	222008	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	10.09	98	815596	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	262566	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	113363	22.074	ug/l	99
3) Chloromethane	2.06	50	134080	21.306	ug/l	97
4) Vinyl Chloride	2.19	62	104747	20.772	ug/l	96
5) Bromomethane	2.56	94	56769	19.413	ug/l	99
6) Chloroethane	2.70	64	55566	20.907	ug/l	97
7) Trichlorofluoromethane	3.02	101	150978	22.002	ug/l	100
8) Diethyl Ether	3.41	74	52153	21.293	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	85874	20.054	ug/l	97
10) Methyl Iodide	3.95	142	127383	21.213	ug/l	99
11) Tert butyl alcohol	4.79	59	36568	116.018	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	84640	20.625	ug/l	93
13) Acrolein	3.61	56	36377	83.571	ug/l	100
14) Allyl chloride	4.33	41	173031	21.329	ug/l	99
15) Acrylonitrile	4.99	53	190827	110.394	ug/l	99
16) Acetone	3.82	43	157914	88.479	ug/l	99
17) Carbon Disulfide	4.06	76	224803	19.595	ug/l	100
18) Methyl Acetate	4.33	43	92489	23.519	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	247499	21.814	ug/l	99
20) Methylene Chloride	4.55	84	103334	20.140	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	90486	21.027	ug/l	98
22) Diisopropyl ether	5.95	45	351476	21.735	ug/l	97
23) Vinyl Acetate	5.90	43	1235245	113.671	ug/l	99
24) 1,1-Dichloroethane	5.85	63	185205	21.293	ug/l	99
25) 2-Butanone	6.84	43	234949	101.966	ug/l	99
26) 2,2-Dichloropropane	6.83	77	121663	20.670	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	105342	21.236	ug/l	99
28) Bromochloromethane	7.19	49	92938	20.961	ug/l	98
29) Tetrahydrofuran	7.21	42	154901	109.338	ug/l	99
30) Chloroform	7.37	83	173932	21.022	ug/l	98
31) Cyclohexane	7.65	56	174024	20.605	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	140446	21.129	ug/l	98
36) 1,1-Dichloropropene	7.79	75	129305	21.158	ug/l	99
37) Ethyl Acetate	6.93	43	105380	21.366	ug/l	98
38) Carbon Tetrachloride	7.77	117	120836	21.114	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	139784	19.172	ug/l	100
40) Benzene	8.04	78	394284	20.899	ug/l	99
41) Methacrylonitrile	7.17	41	54806	21.195	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	137030	20.820	ug/l	100
43) Isopropyl Acetate	8.17	43	187952	23.533	ug/l	97
44) Trichloroethene	8.83	130	96151	20.164	ug/l	98
45) 1,2-Dichloropropane	9.12	63	110724	20.792	ug/l	97
46) Dibromomethane	9.21	93	63475	20.821	ug/l	97
47) Bromodichloromethane	9.40	83	127953	20.966	ug/l	97
48) Methyl methacrylate	9.20	41	86013	22.201	ug/l	95
49) 1,4-Dioxane	9.20	88	19006	424.802	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	492199	107.095	ug/l	99
52) Toluene	10.16	92	226610	20.489	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	120352	21.489	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	145438	20.926	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	84924	20.828	ug/l	99
56) Ethyl methacrylate	10.43	69	107744	21.212	ug/l	97
57) 1,3-Dichloropropane	10.71	76	149613	21.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	161918	90.277	ug/l	99
59) 2-Hexanone	10.75	43	315651	108.733	ug/l	100
60) Dibromochloromethane	10.90	129	87779	20.901	ug/l	97
61) 1,2-Dibromoethane	11.00	107	82081	21.411	ug/l	97
64) Tetrachloroethene	10.63	164	93831	20.361	ug/l	98
65) Chlorobenzene	11.43	112	231774	20.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	87778	20.540	ug/l	99
67) Ethyl Benzene	11.51	91	421559	20.524	ug/l	100
68) m/p-Xylenes	11.62	106	310710	42.178	ug/l	99
69) o-Xylene	11.95	106	153357	20.977	ug/l	99
70) Styrene	11.96	104	242513	21.401	ug/l	98
71) Bromoform	12.13	173	53548	20.997	ug/l #	99
73) Isopropylbenzene	12.25	105	407057	21.815	ug/l	99
74) N-amyl acetate	12.07	43	121567	21.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	108446	22.981	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	121735	27.345	ug/l #	100
77) Bromobenzene	12.53	156	97713	20.170	ug/l	99
78) n-propylbenzene	12.59	91	438149	19.910	ug/l	100
79) 2-Chlorotoluene	12.67	91	276843	19.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	333684	20.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22465	19.129	ug/l	94
82) 4-Chlorotoluene	12.77	91	256201	20.039	ug/l	100
83) tert-Butylbenzene	12.99	119	285828	21.921	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	314604	20.294	ug/l	99
85) sec-Butylbenzene	13.17	105	360503	19.398	ug/l	100
86) p-Isopropyltoluene	13.29	119	309648	20.224	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	151595	20.385	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	142736	19.714	ug/l	99
89) n-Butylbenzene	13.61	91	227879	20.080	ug/l	98
90) Hexachloroethane	13.87	117	50733	18.683	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	150837	19.747	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12698	19.056	ug/l	92

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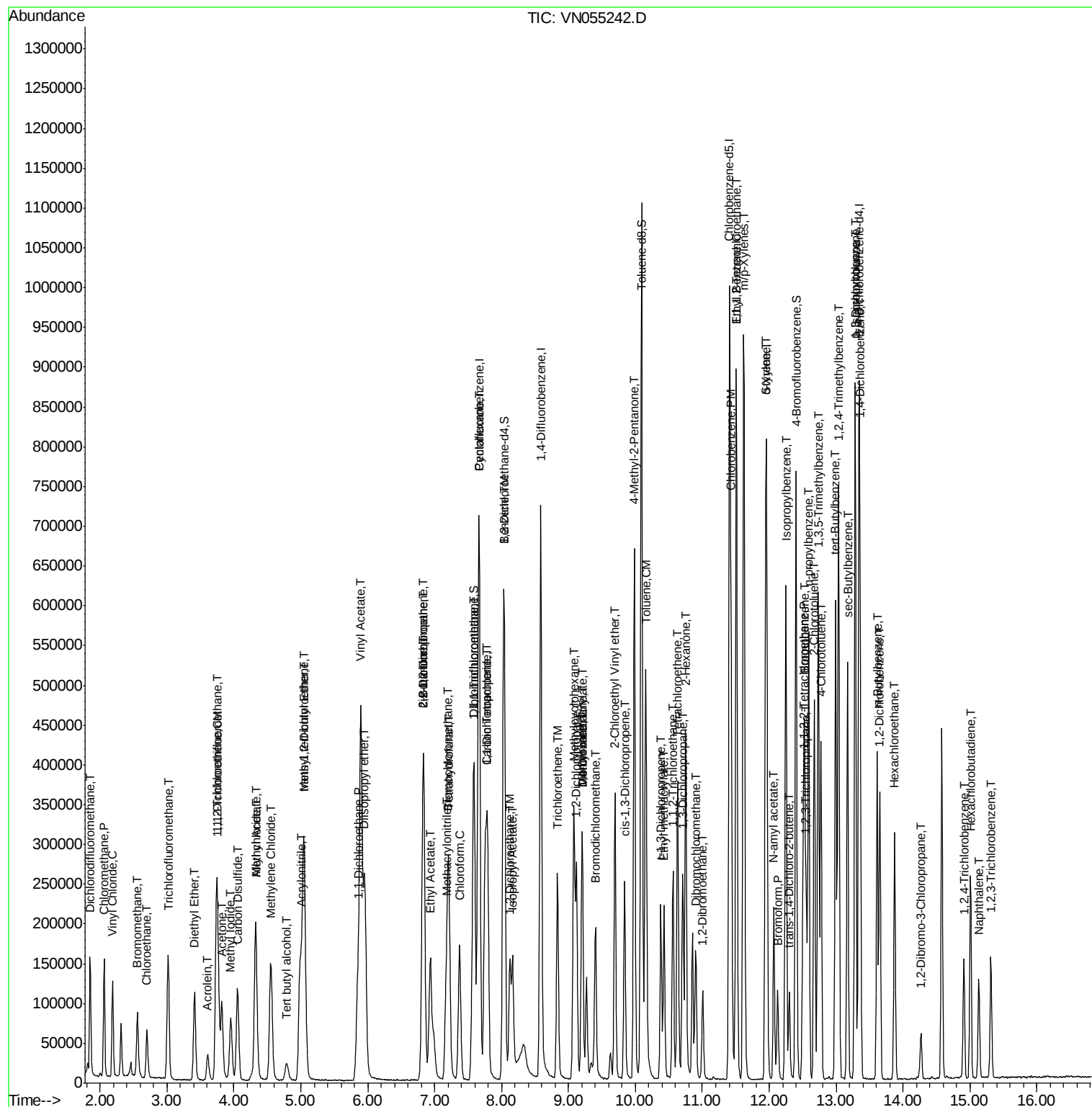
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48060	16.815	ug/l	99
94) Hexachlorobutadiene	15.01	225	51070	21.653	ug/l	99
95) Naphthalene	15.13	128	106233	17.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50722	17.278	ug/l	96

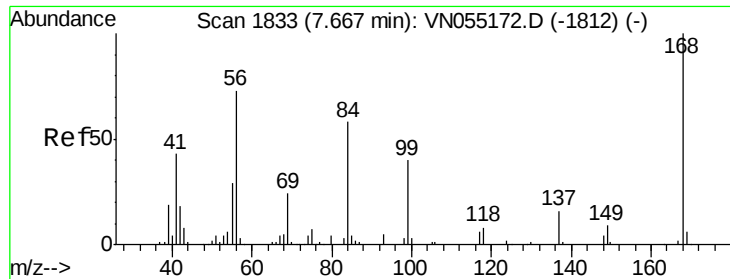
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

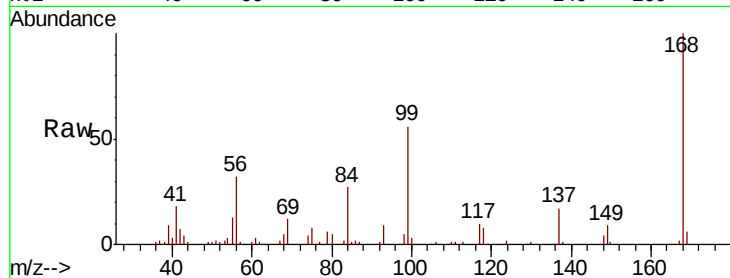
VN0425MBS01

Tot Ion:168 Resp: 398874

Ion Ratio Lower Upper

168 100

99 54.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

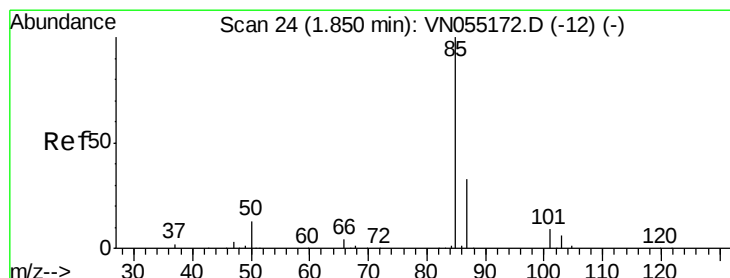
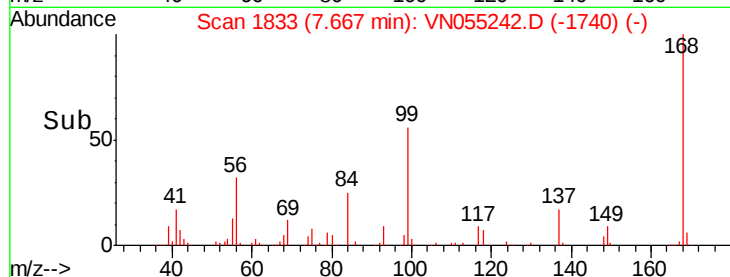
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.074 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055242.D

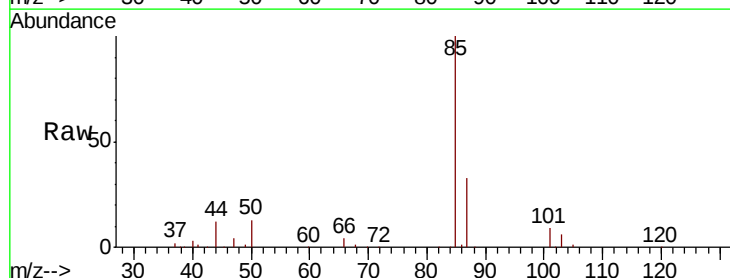
Acq: 25 Apr 2019 13:27

Tgt Ion: 85 Resp: 113363

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN055172.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055172.D (-12) (-)

1.85

80000

60000

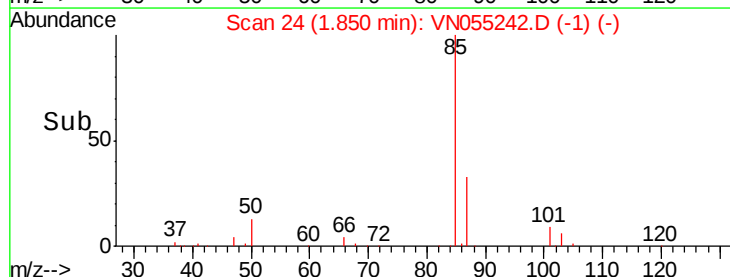
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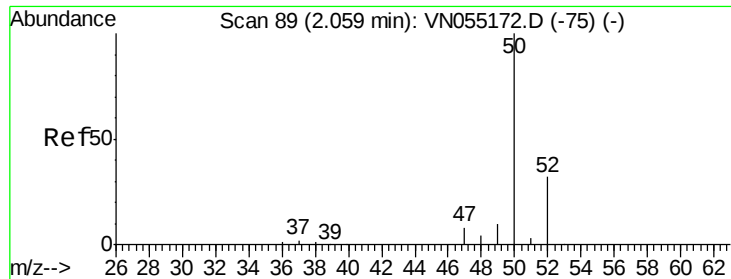
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 21.306 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

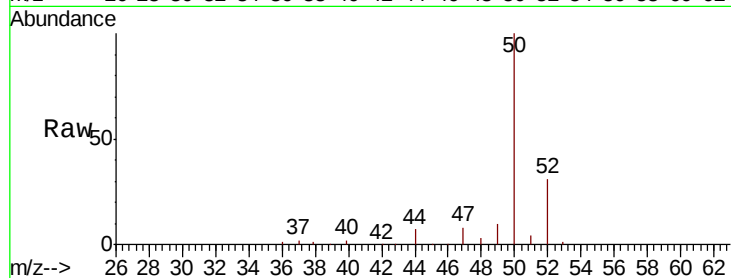
VN0425MBS01

Tot Ion: 50 Resp: 134080

Ion Ratio Lower Upper

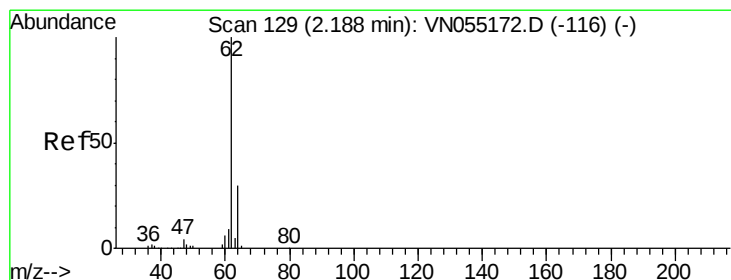
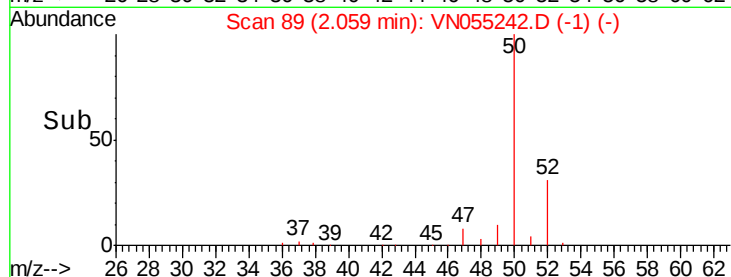
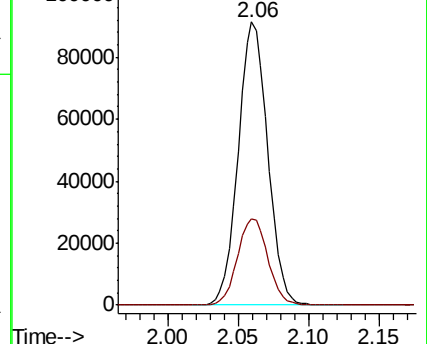
50 100

52 30.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.772 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055242.D

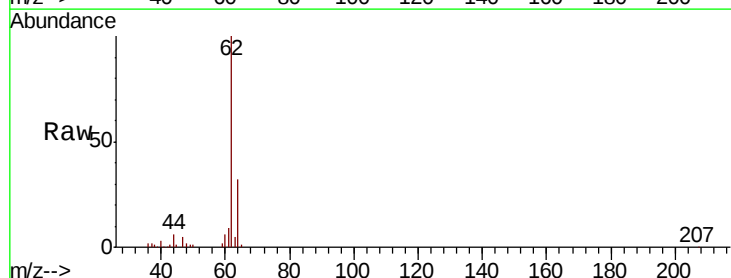
Acq: 25 Apr 2019 13:27

Tgt Ion: 62 Resp: 104747

Ion Ratio Lower Upper

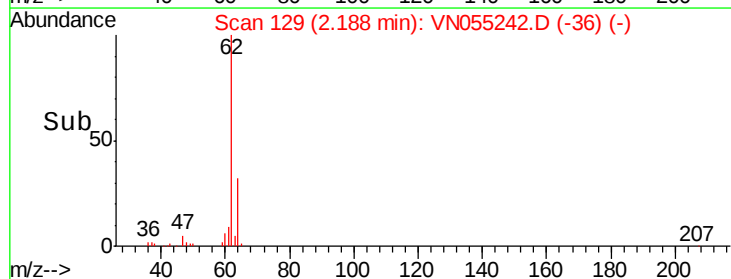
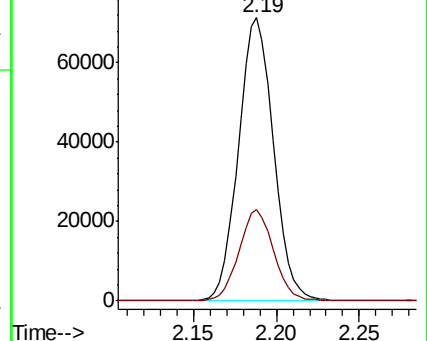
62 100

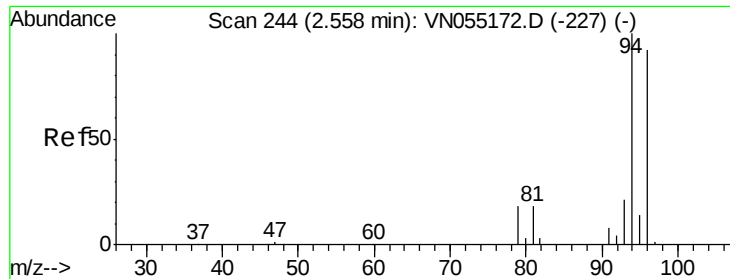
64 32.2 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

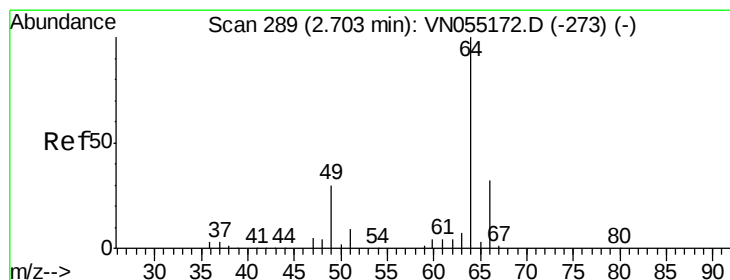
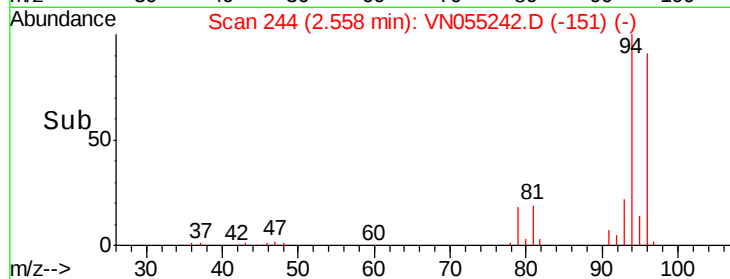
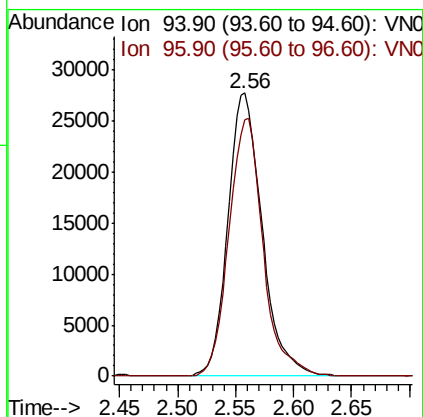
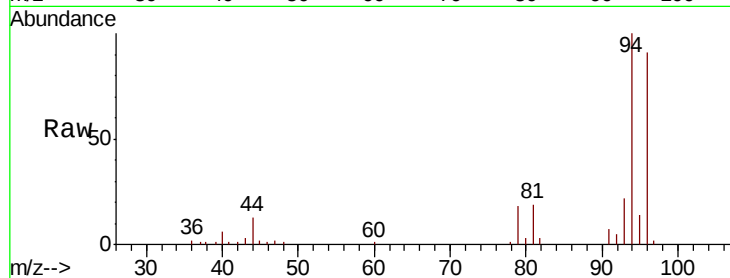




#5
Bromomethane
Concen: 19.413 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

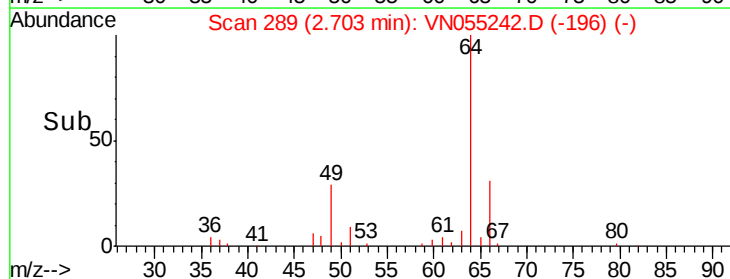
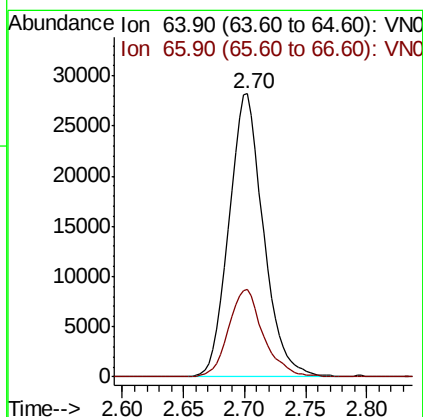
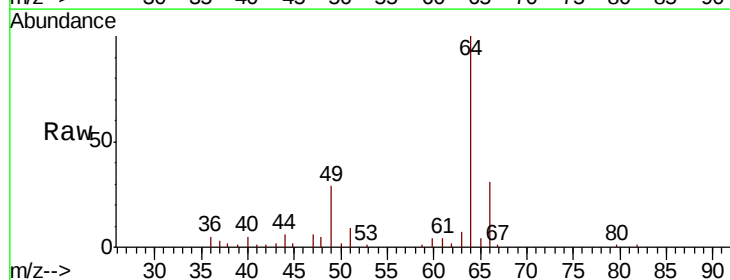
Instrument :
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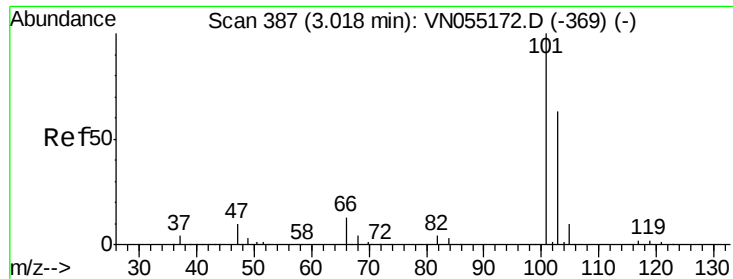
Tot Ion: 94 Resp: 56769
Ion Ratio Lower Upper
94 100
96 90.8 73.4 110.2



#6
Chloroethane
Concen: 20.907 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 64 Resp: 55566
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9



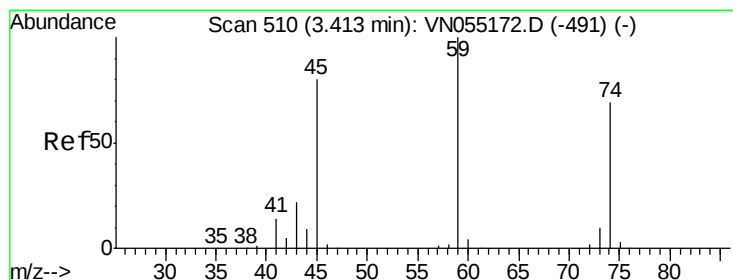
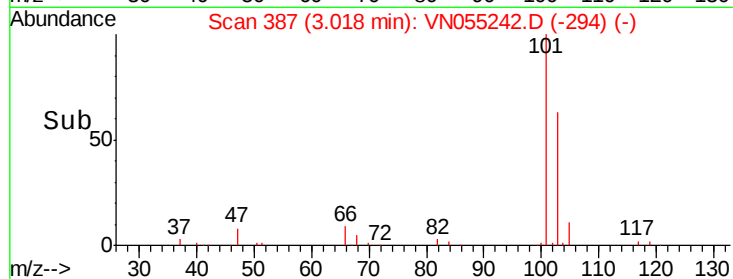
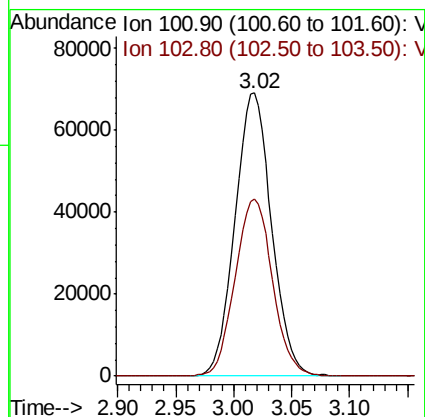
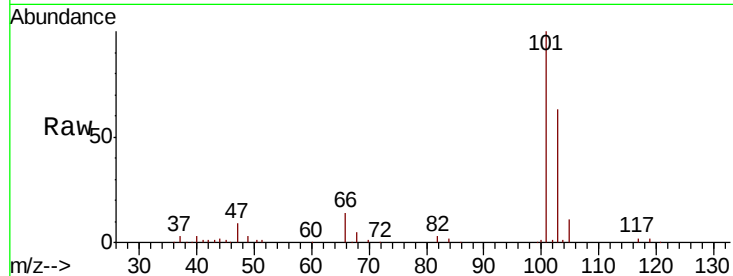


#7

Trichlorofluoromethane
 Concen: 22.002 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

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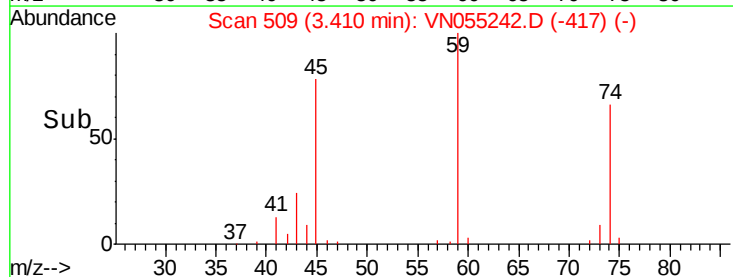
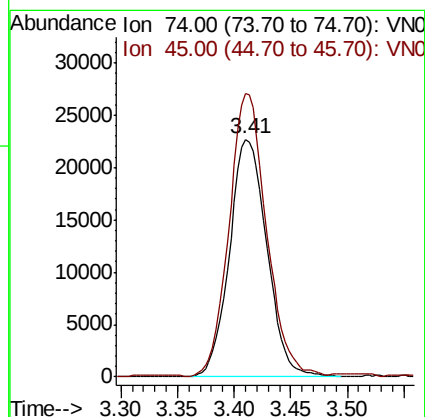
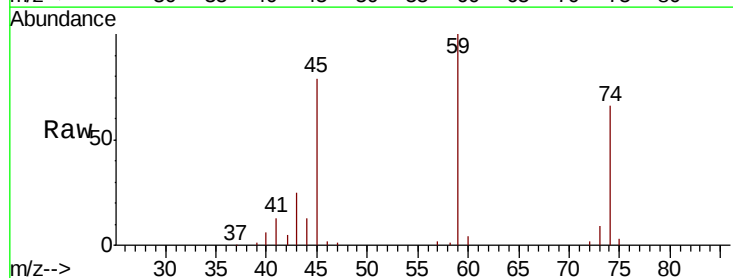
Tot Ion:101 Resp: 150978
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.1 75.1

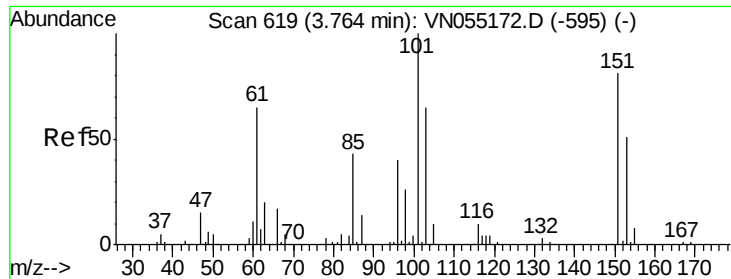


#8

Diethyl Ether
 Concen: 21.293 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion: 74 Resp: 52153
 Ion Ratio Lower Upper
 74 100
 45 120.1 56.9 170.6

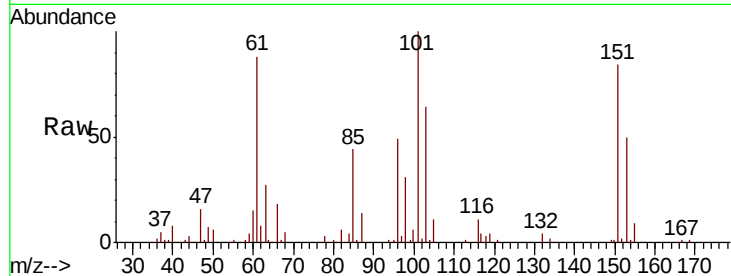




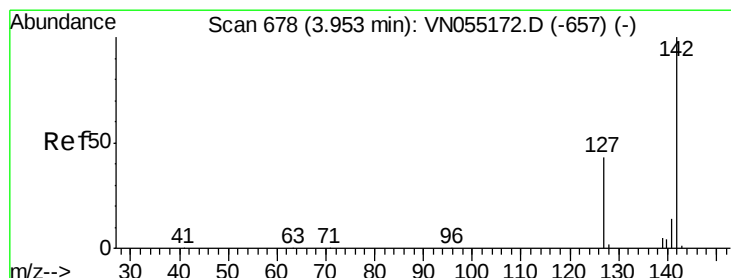
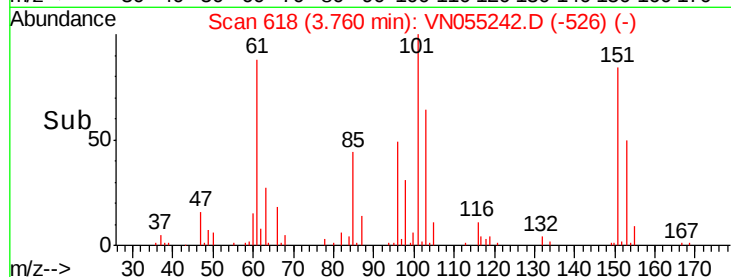
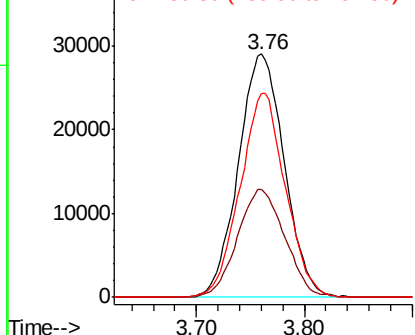
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.054 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

Tot Ion:101 Resp: 85874
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.9 52.3
 151 82.7 63.8 95.8

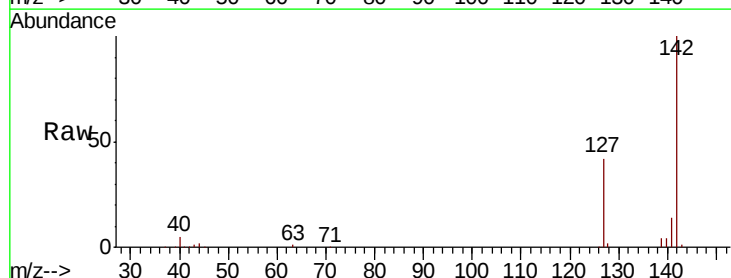


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

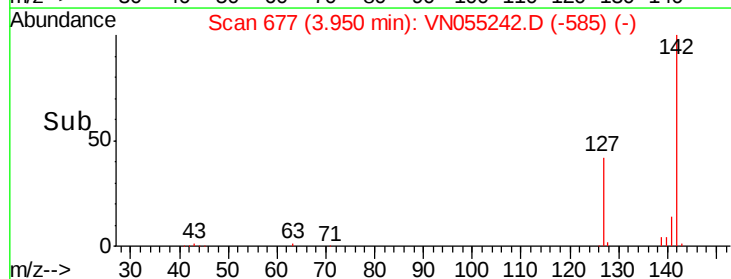
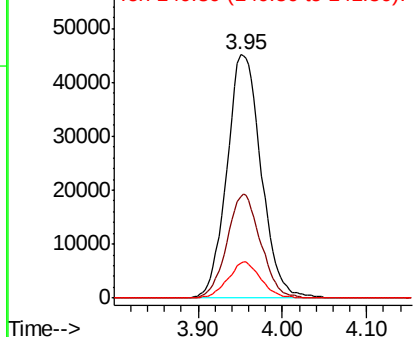


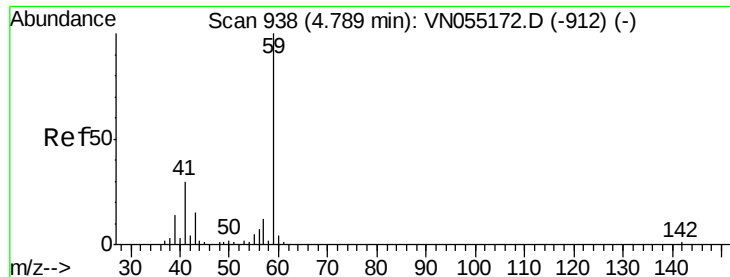
#10
 Methyl Iodide
 Concen: 21.213 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion:142 Resp: 127383
 Ion Ratio Lower Upper
 142 100
 127 41.9 34.1 51.1
 141 14.3 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



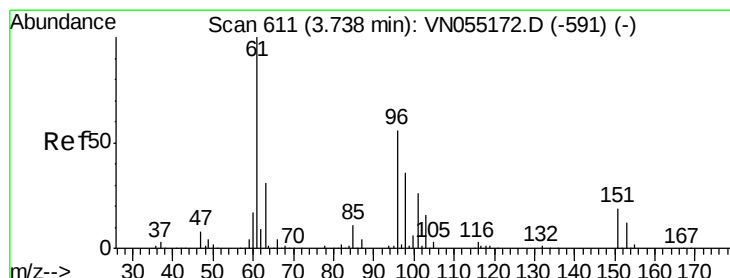
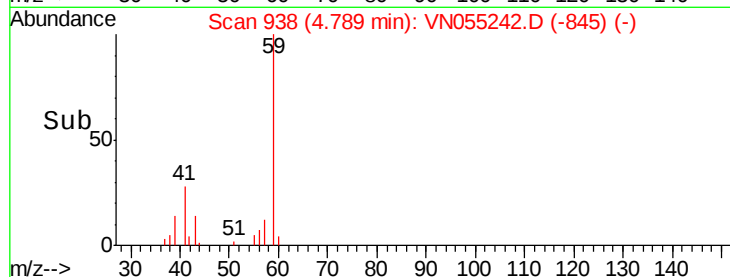
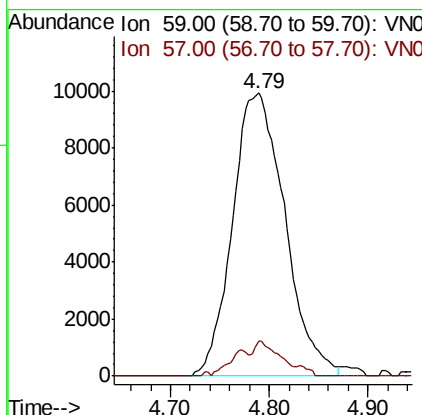
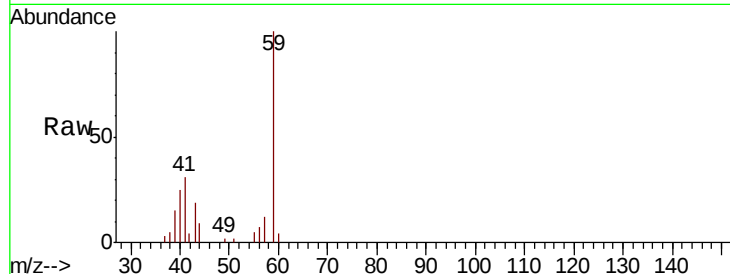


#11

Tert butyl alcohol
 Concen: 116.018 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0425MBS01

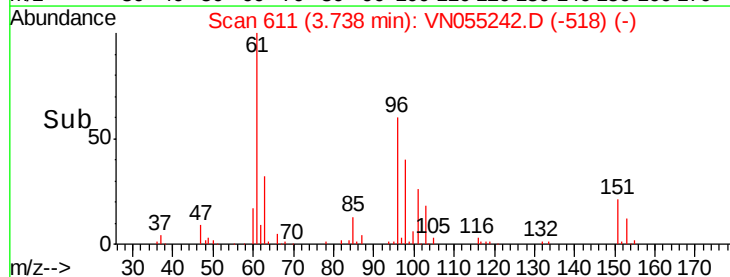
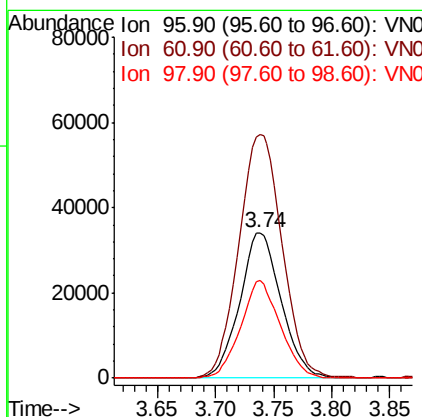
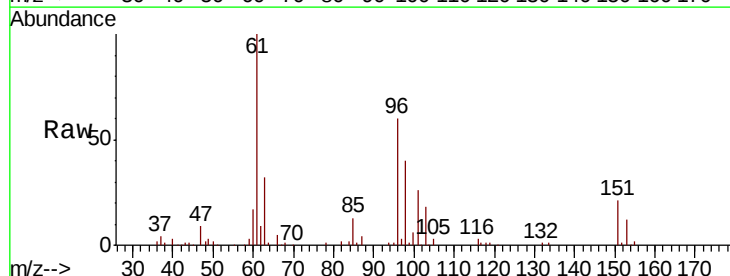
Tot Ion: 59 Resp: 36568
 Ion Ratio Lower Upper
 59 100
 57 6.9 8.8 13.2#

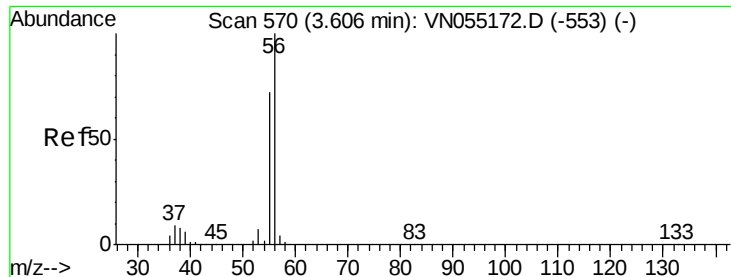


#12

1,1-Dichloroethene
 Concen: 20.625 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion: 96 Resp: 84640
 Ion Ratio Lower Upper
 96 100
 61 167.1 142.1 213.1
 98 67.2 51.2 76.8





#13

Acrolein

Concen: 83.571 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

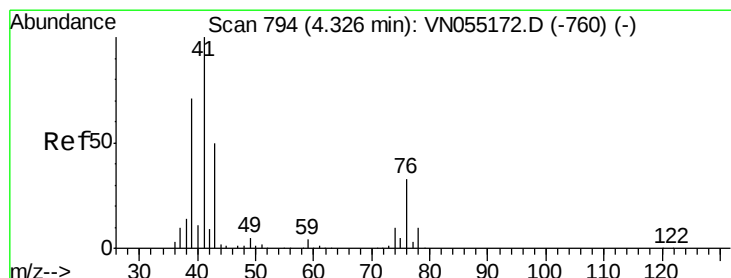
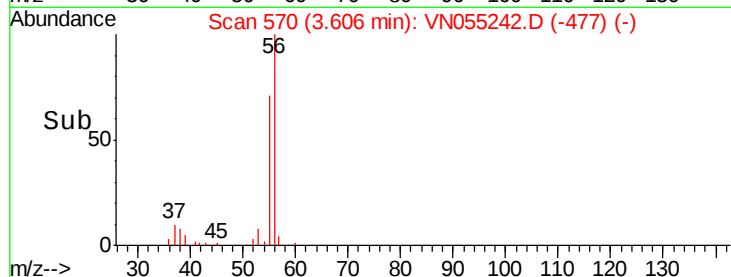
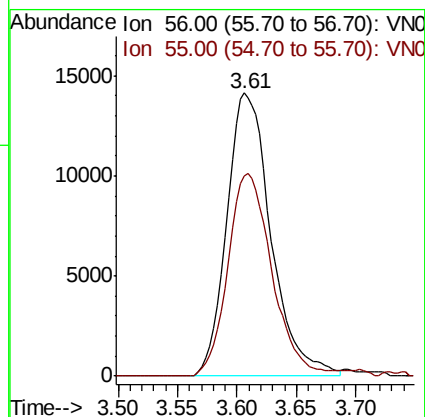
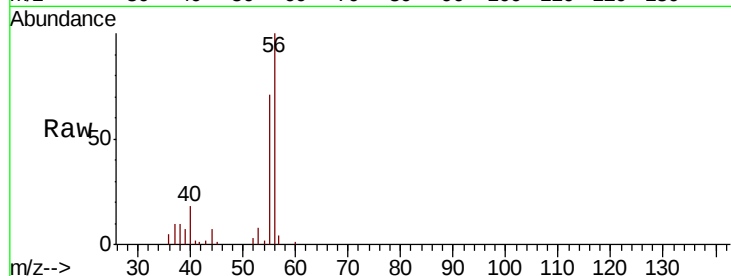
VN0425MBS01

Tot Ion: 56 Resp: 36377

Ion Ratio Lower Upper

56 100

55 71.3 57.4 86.0



#14

Allyl chloride

Concen: 21.329 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

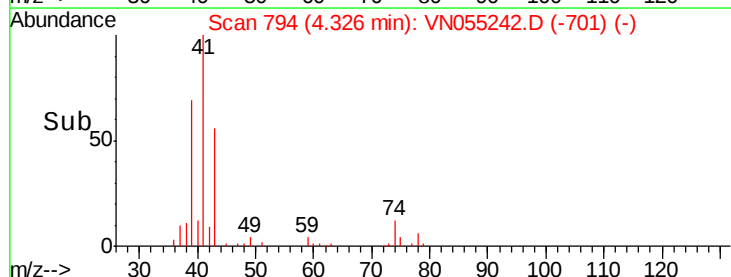
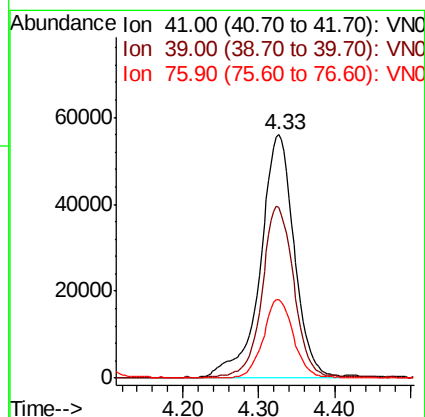
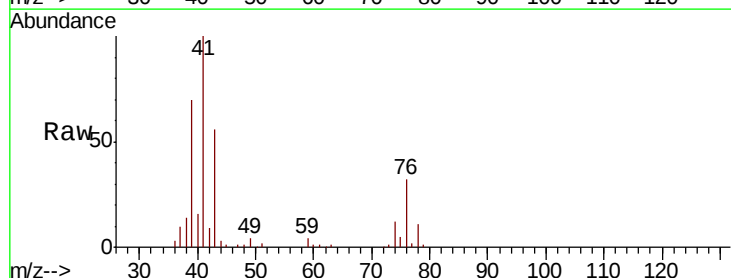
Tgt Ion: 41 Resp: 173031

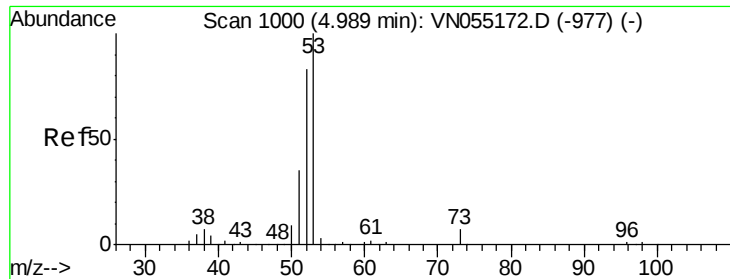
Ion Ratio Lower Upper

41 100

39 64.9 52.9 79.3

76 28.8 23.6 35.4





#15

Acrylonitrile

Concen: 110.394 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

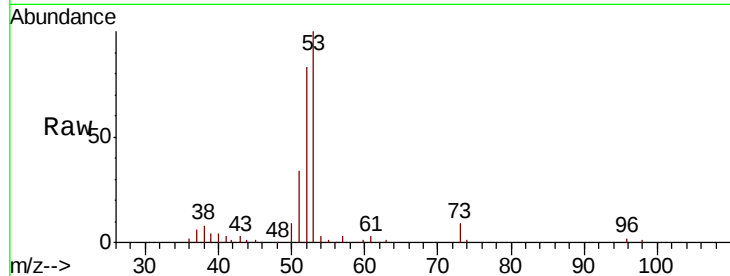
Tot Ion: 53 Resp: 190827

Ion Ratio Lower Upper

53 100

52 83.9 65.8 98.8

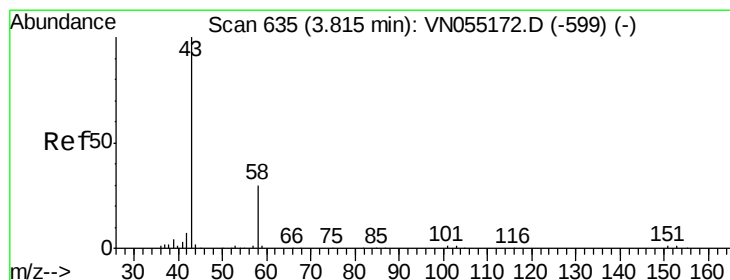
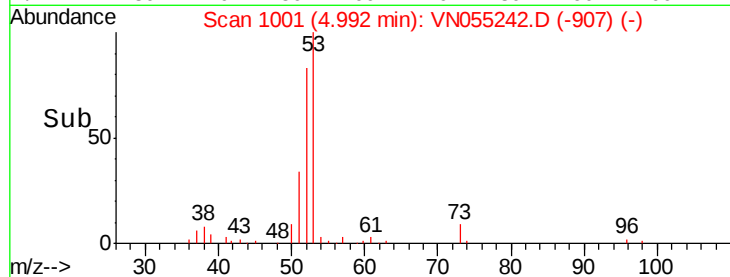
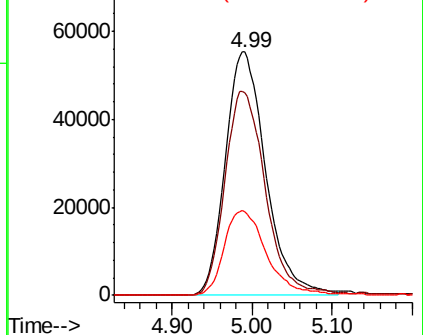
51 36.4 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 88.479 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055242.D

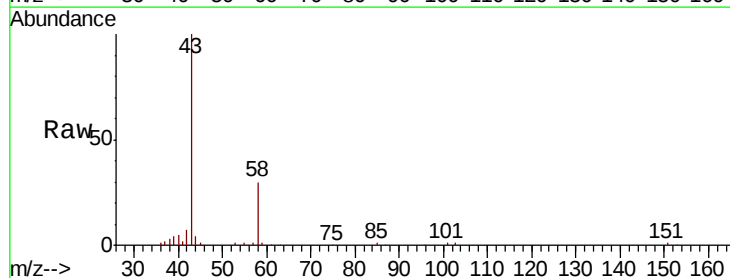
Acq: 25 Apr 2019 13:27

Tgt Ion: 43 Resp: 157914

Ion Ratio Lower Upper

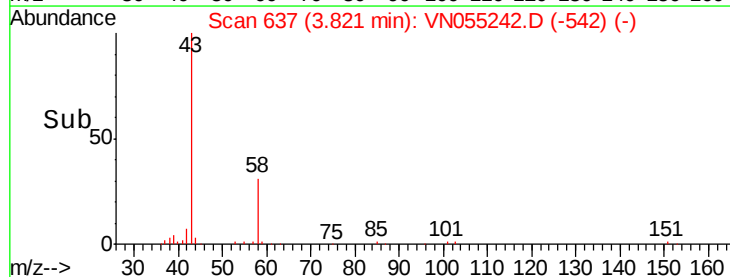
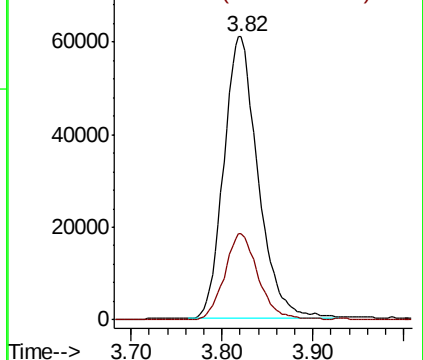
43 100

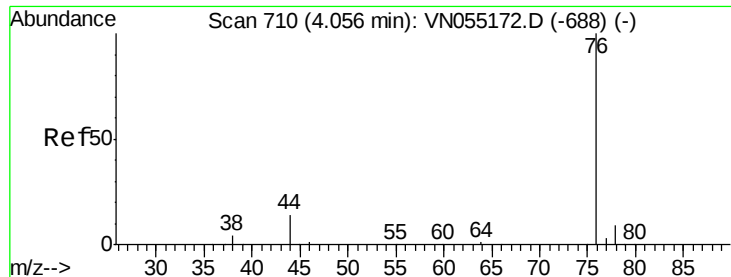
58 30.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

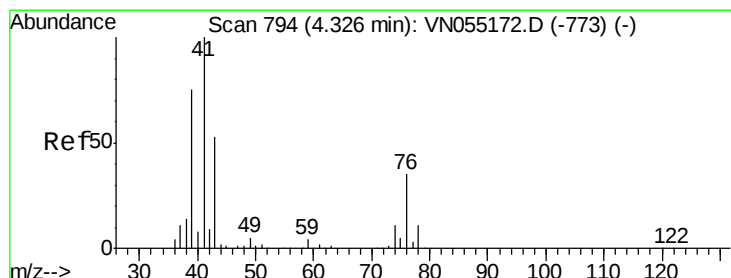
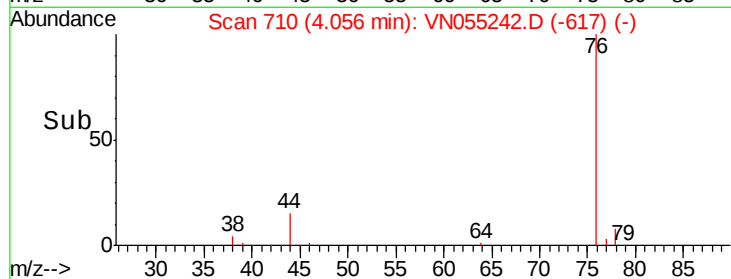
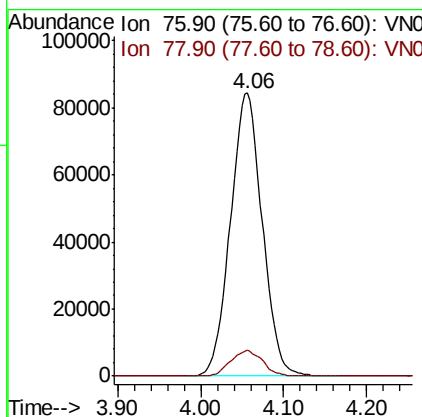
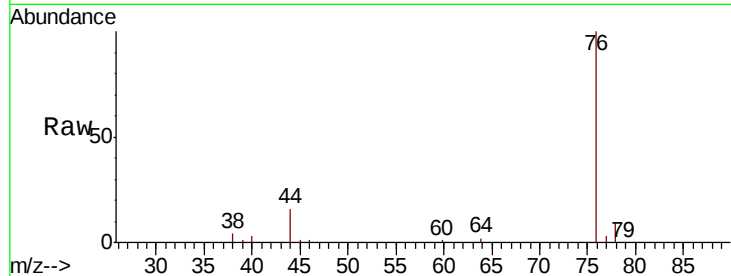




#17
Carbon Disulfide
Concen: 19.595 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

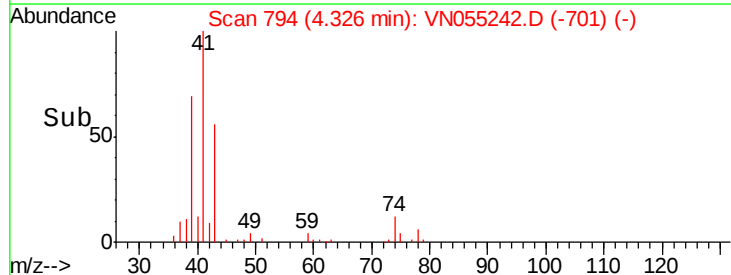
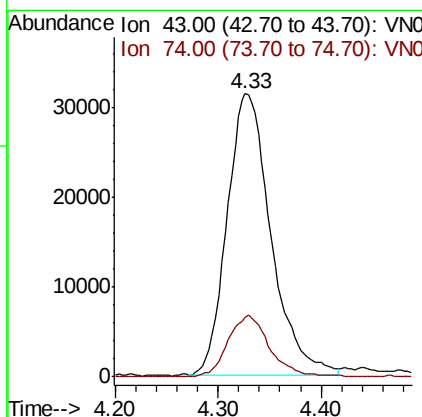
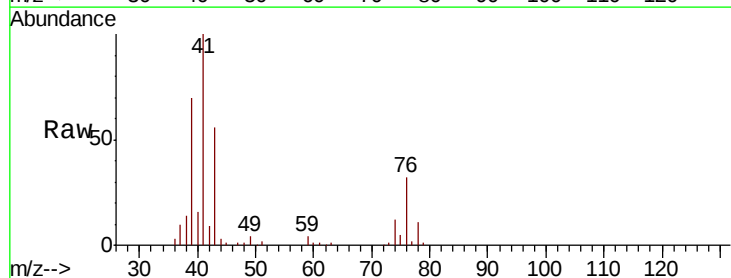
Instrument :
MSVOA_N
ClientSampleId :
VN0425MBS01

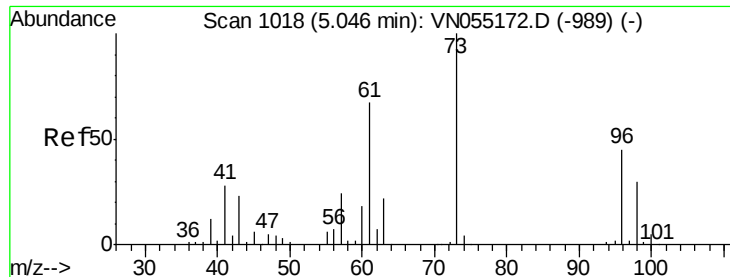
Tot Ion: 76 Resp: 224803
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 23.519 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 43 Resp: 92489
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1

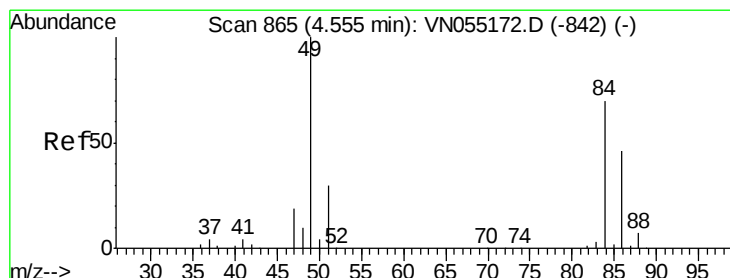
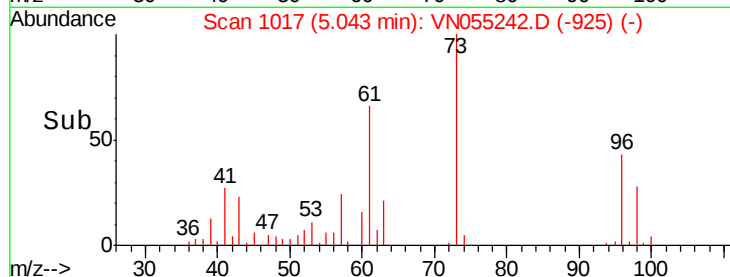
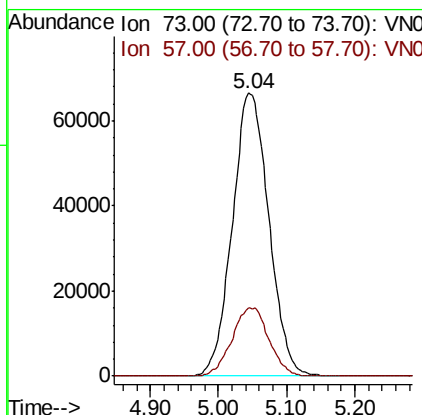
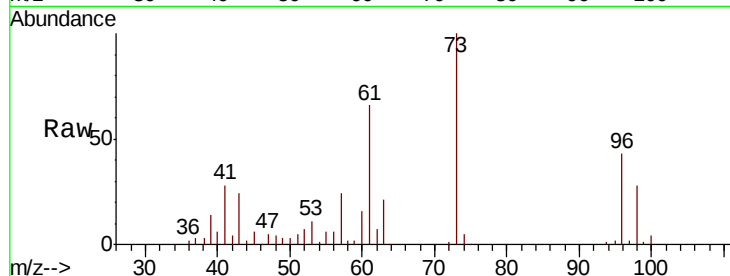




#19
Methyl tert-butyl Ether
Concen: 21.814 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

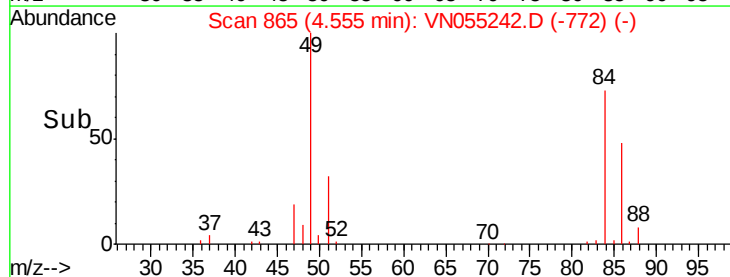
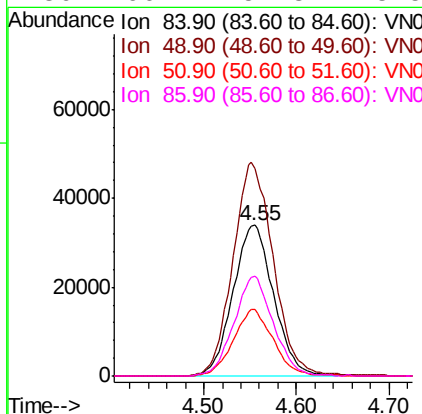
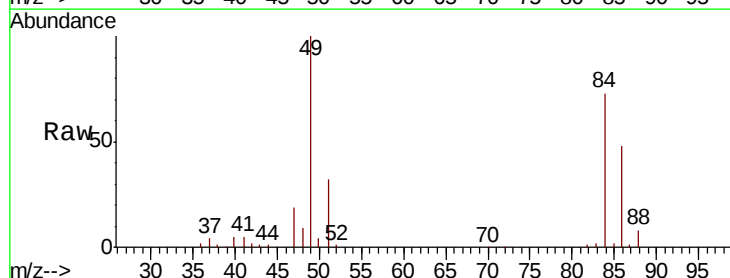
Instrument :
MSVOA_N
ClientSampleId :
VN0425MBS01

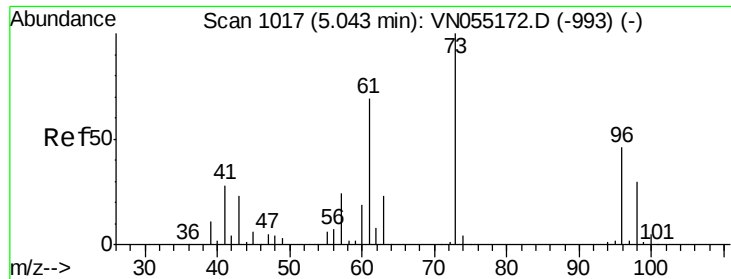
Tot Ion: 73 Resp: 247499
Ion Ratio Lower Upper
73 100
57 24.1 19.5 29.3



#20
Methylene Chloride
Concen: 20.140 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 84 Resp: 103334
Ion Ratio Lower Upper
84 100
49 137.2 113.8 170.6
51 44.1 34.0 51.0
86 66.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.027 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

VN0425MBS01

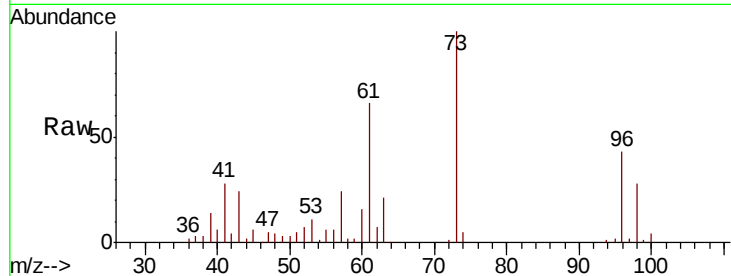
Tot Ion: 96 Resp: 90486

Ion Ratio Lower Upper

96 100

61 151.2 119.3 178.9

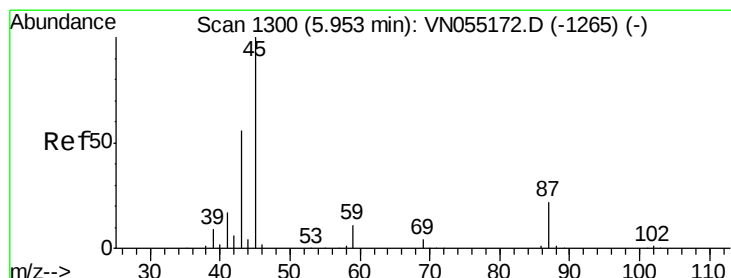
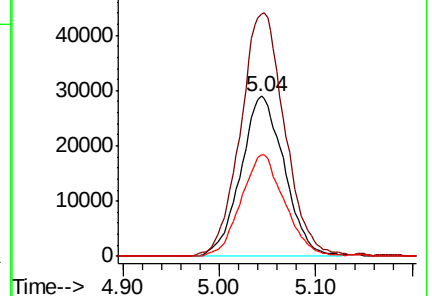
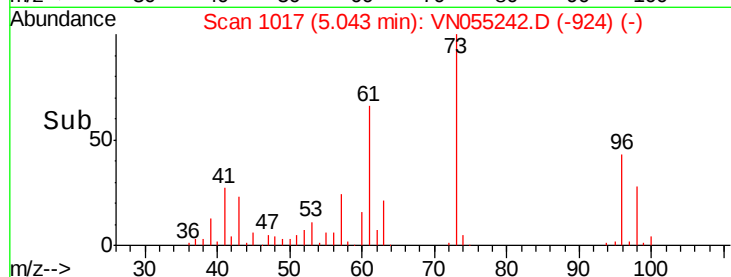
98 63.4 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.735 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Tgt Ion: 45 Resp: 351476

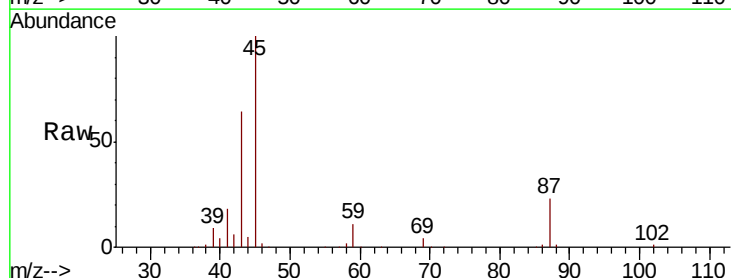
Ion Ratio Lower Upper

45 100

43 62.3 47.4 71.0

87 22.8 18.4 27.6

59 11.2 8.6 12.8

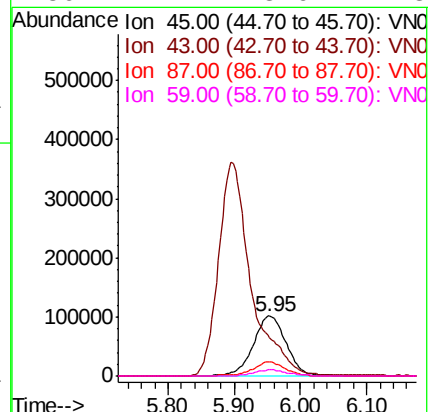
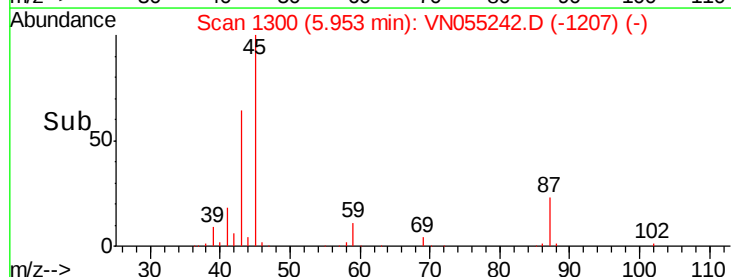


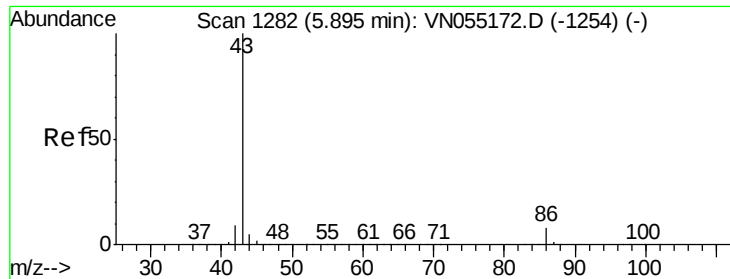
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

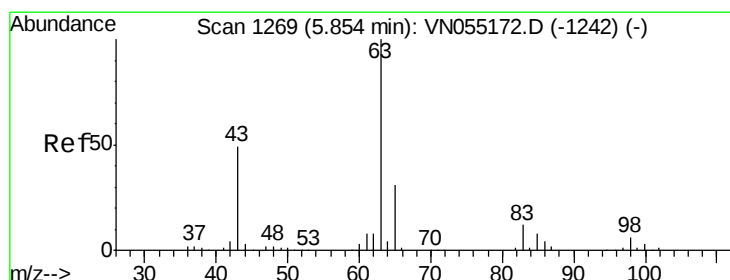
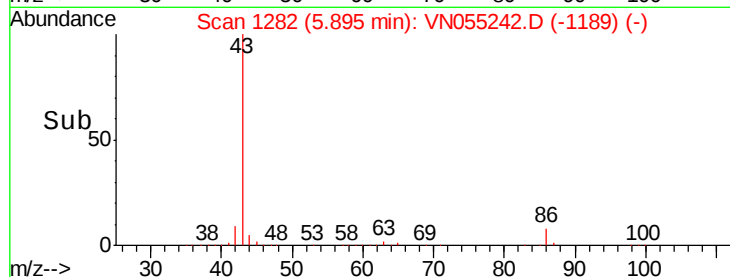
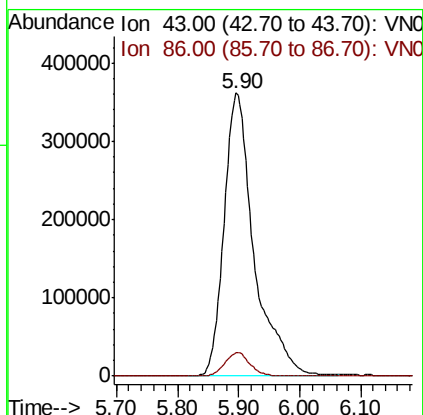
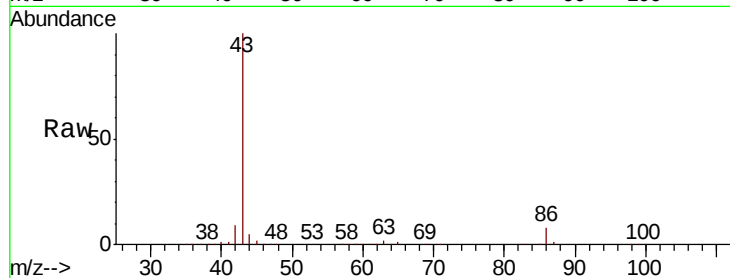




#23
 Vinyl Acetate
 Concen: 113.671 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

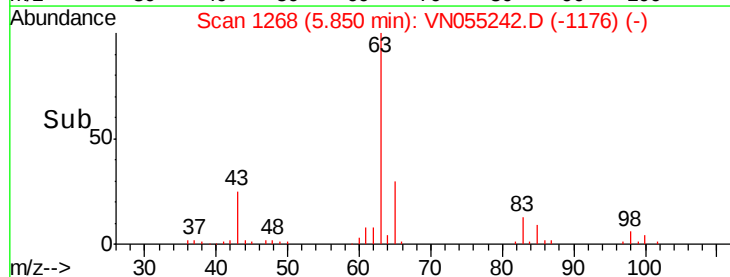
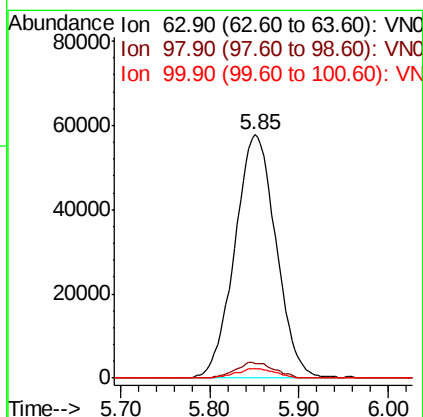
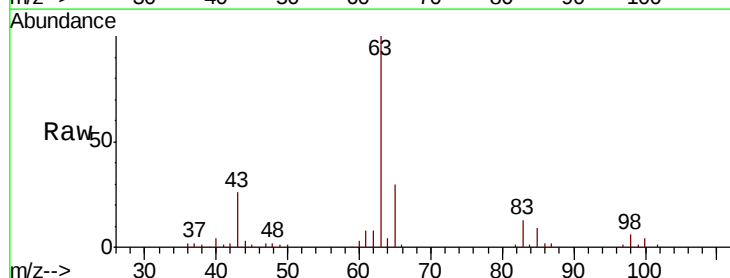
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

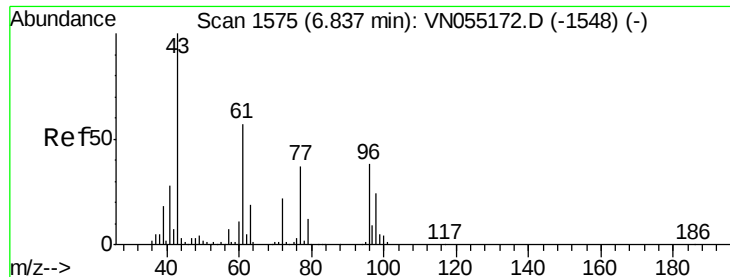
Tot Ion: 43 Resp: 1235245
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 21.293 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion: 63 Resp: 185205
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 3.9 1.8 5.3





#25

2-Butanone

Concen: 101.966 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

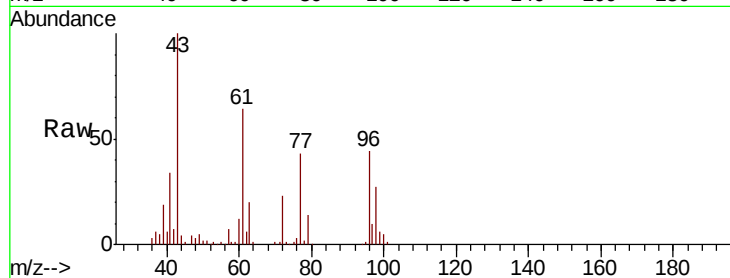
VN0425MBS01

Tot Ion: 43 Resp: 234949

Ion Ratio Lower Upper

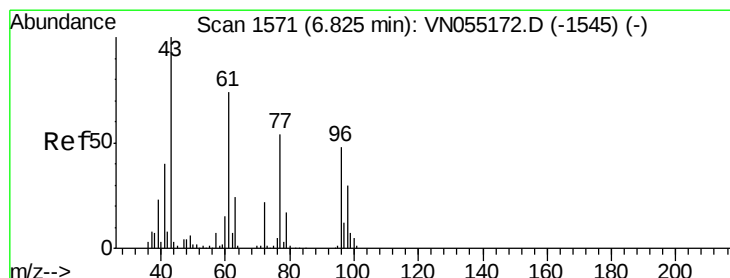
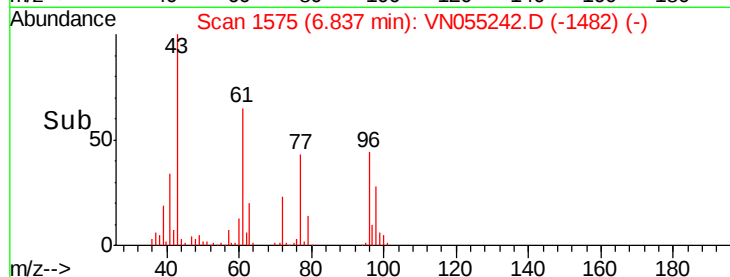
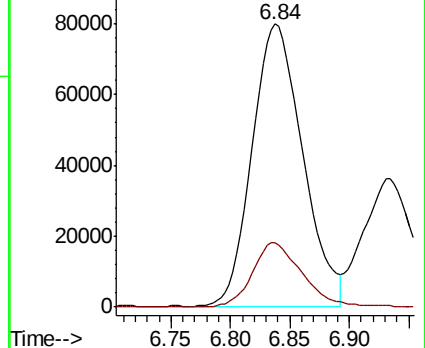
43 100

72 22.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.670 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055242.D

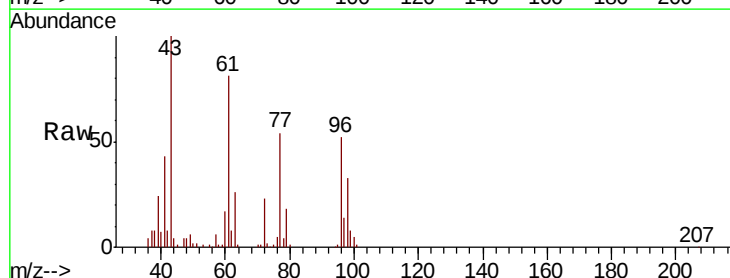
Acq: 25 Apr 2019 13:27

Tgt Ion: 77 Resp: 121663

Ion Ratio Lower Upper

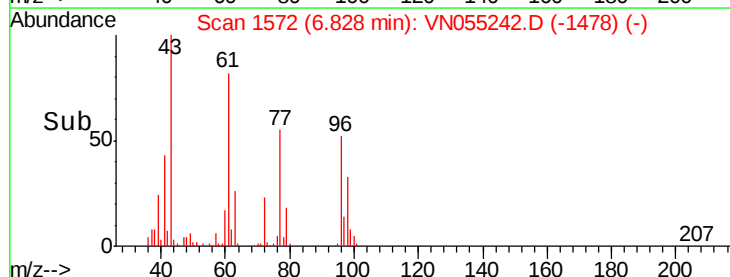
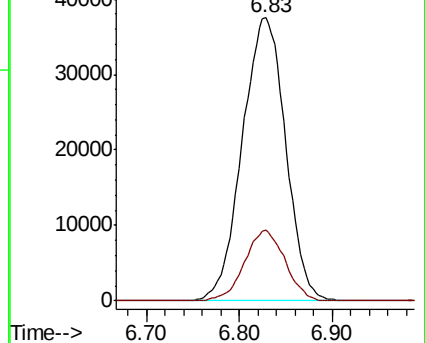
77 100

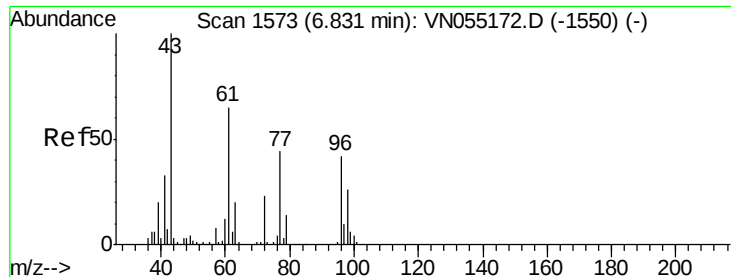
97 23.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.236 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

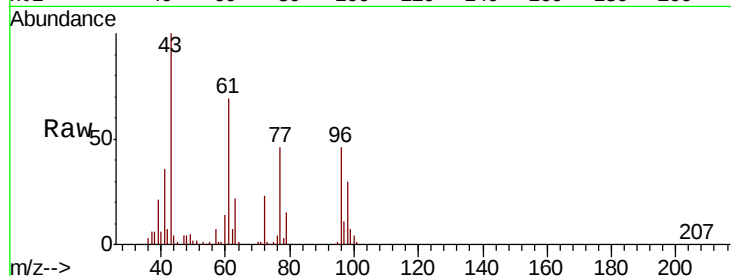
Tot Ion: 96 Resp: 105342

Ion Ratio Lower Upper

96 100

61 154.3 0.0 310.8

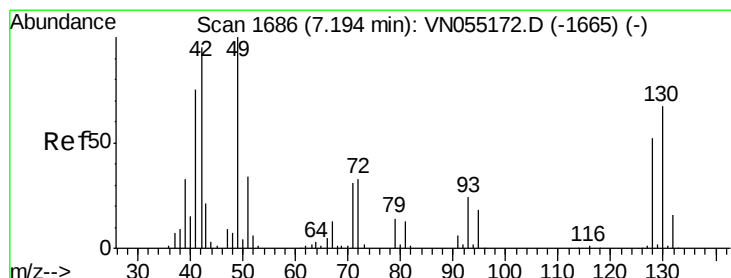
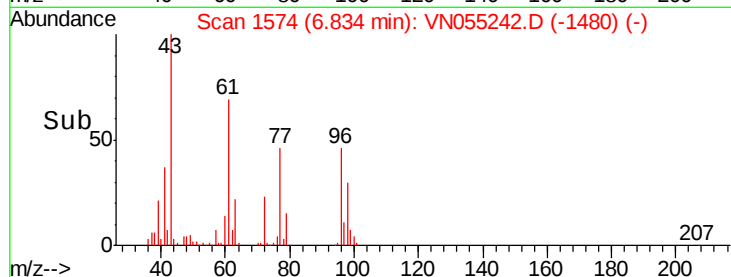
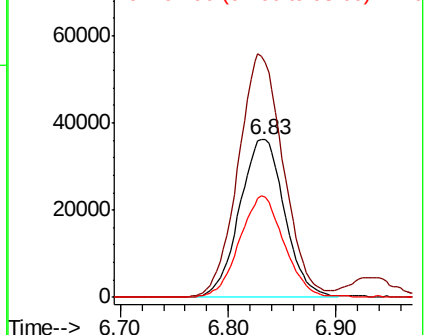
98 63.3 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.961 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

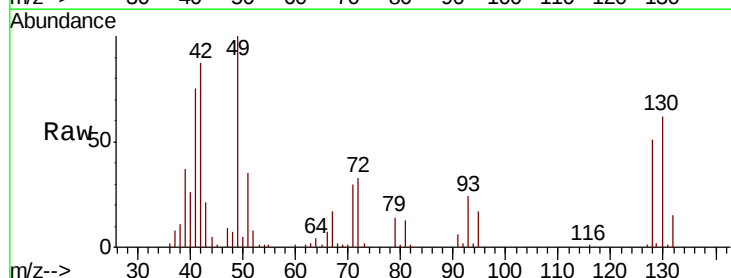
Tgt Ion: 49 Resp: 92938

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.8

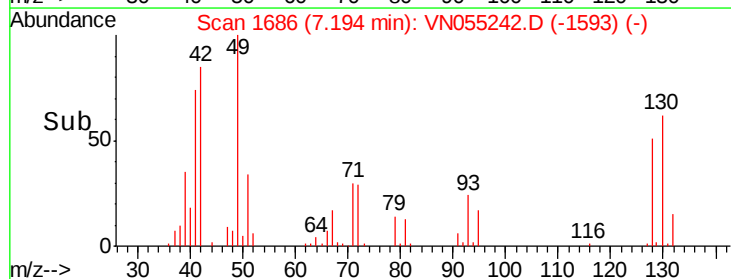
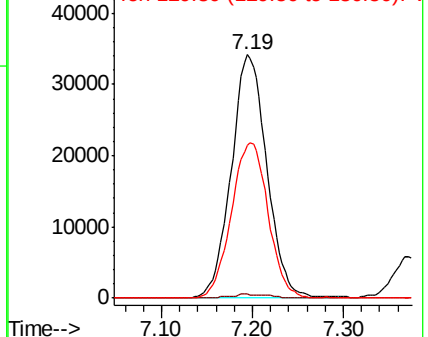
130 65.6 53.4 80.2

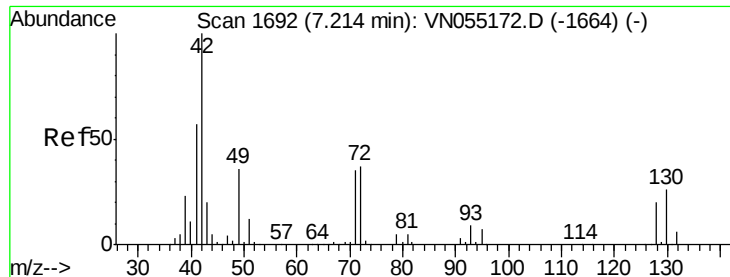


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.338 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

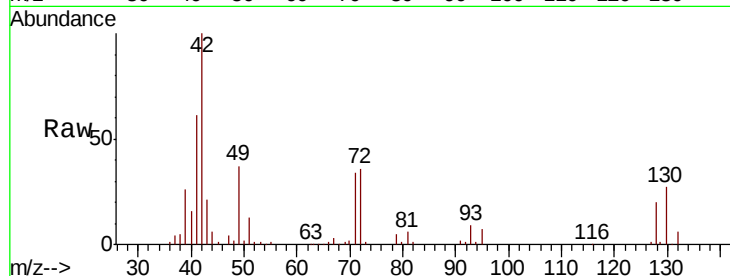
Tot Ion: 42 Resp: 154901

Ion Ratio Lower Upper

42 100

72 36.2 29.4 44.2

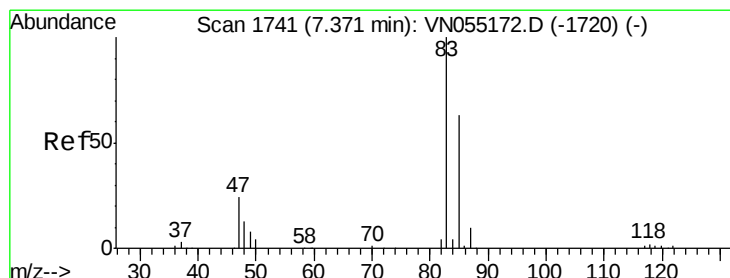
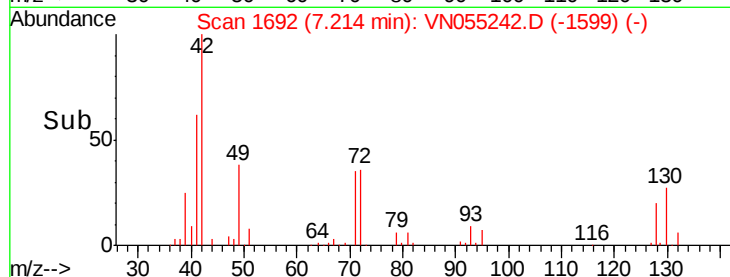
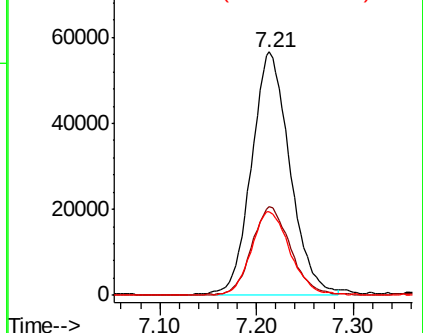
71 35.1 27.8 41.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.022 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055242.D

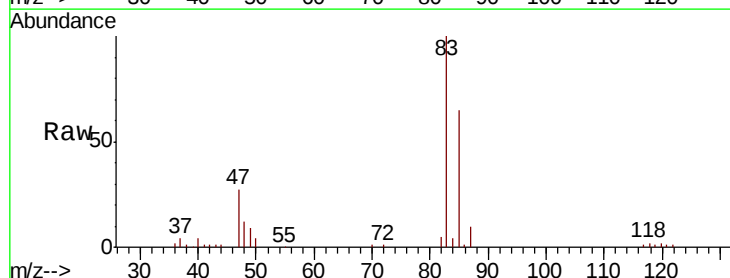
Acq: 25 Apr 2019 13:27

Tgt Ion: 83 Resp: 173932

Ion Ratio Lower Upper

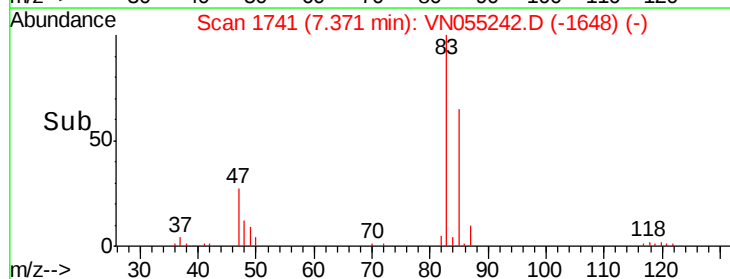
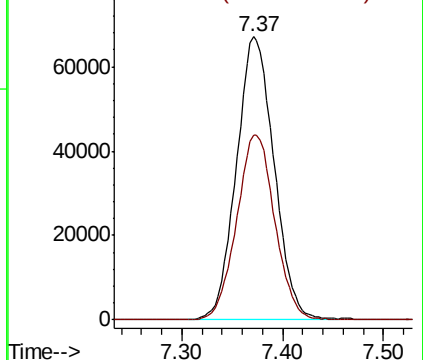
83 100

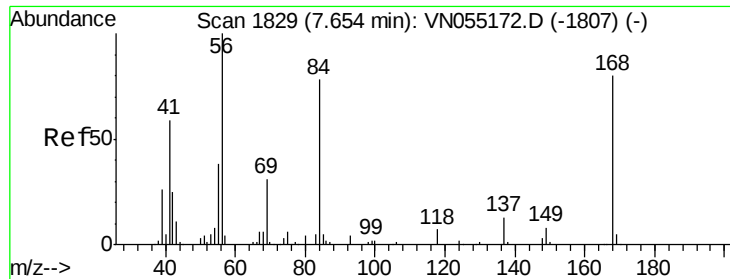
85 65.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.605 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

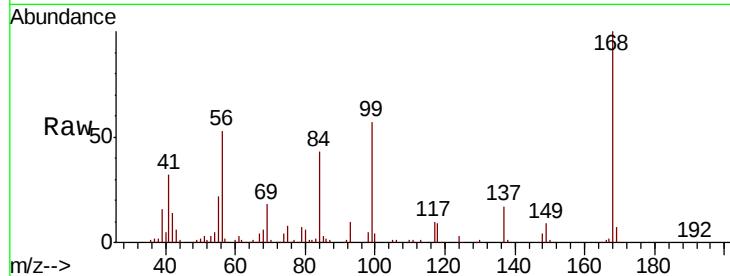
Tot Ion: 56 Resp: 174024

Ion Ratio Lower Upper

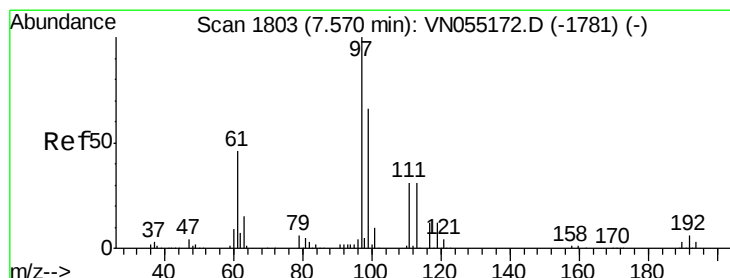
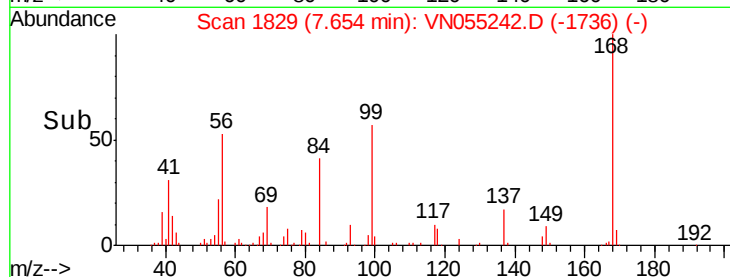
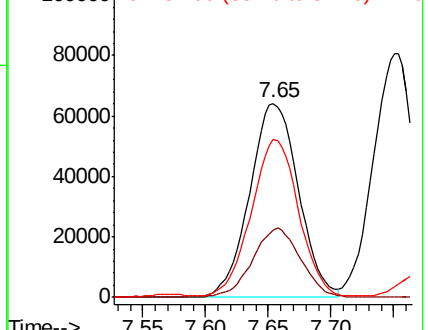
56 100

69 34.6 24.6 37.0

84 80.0 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.129 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

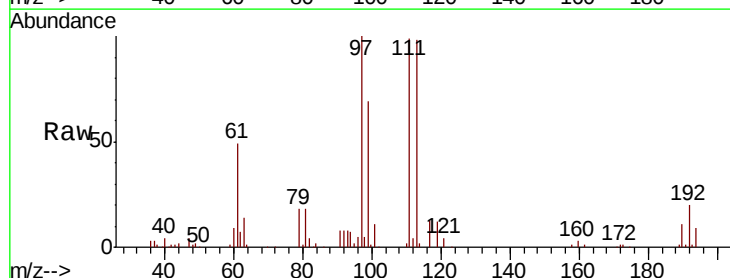
Tgt Ion: 97 Resp: 140446

Ion Ratio Lower Upper

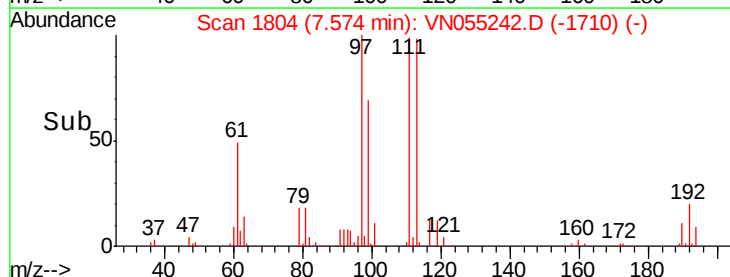
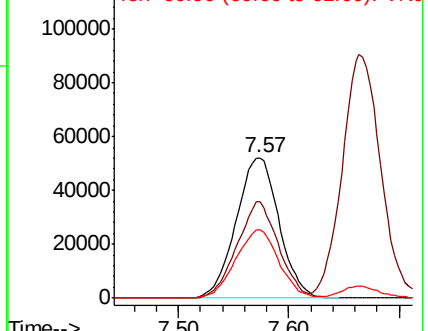
97 100

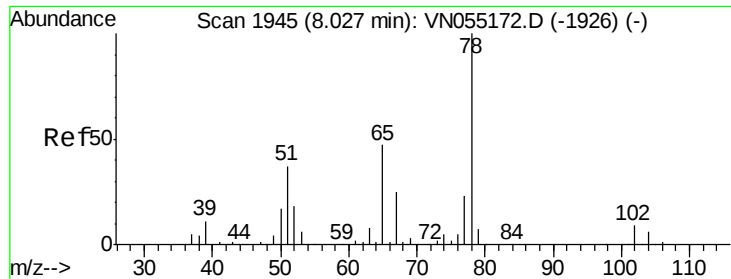
99 66.0 51.1 76.7

61 48.7 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

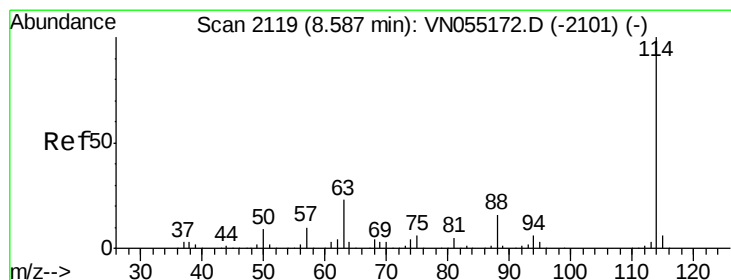
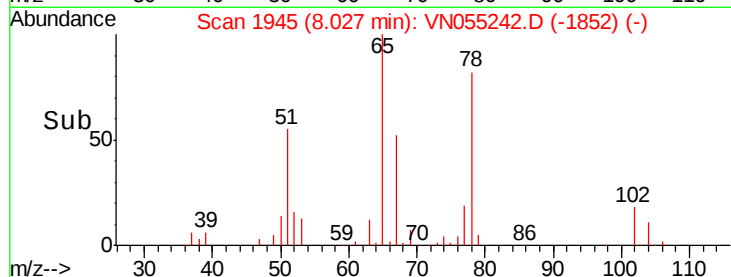
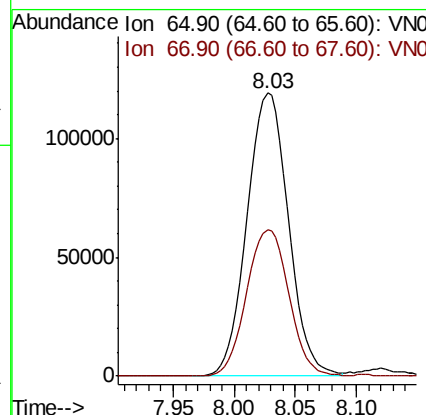
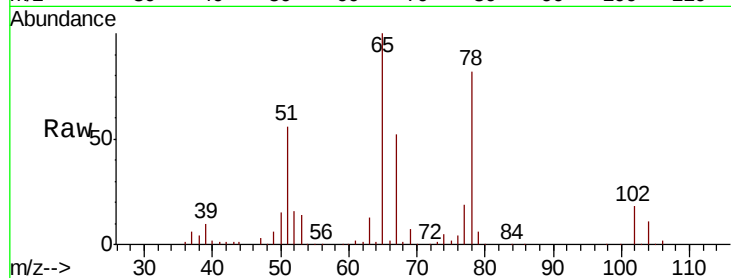




#33
 1,2-Dichloroethane-d4
 Concen: 51.895 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

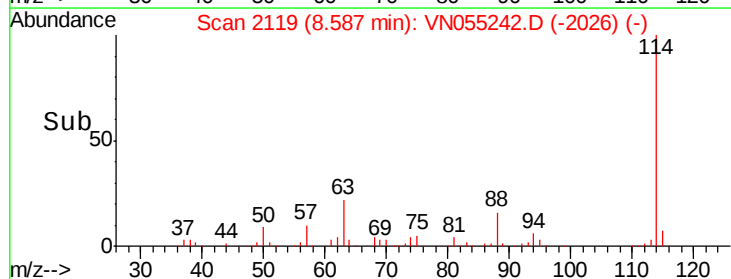
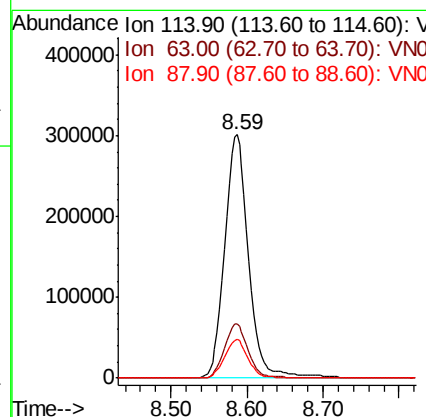
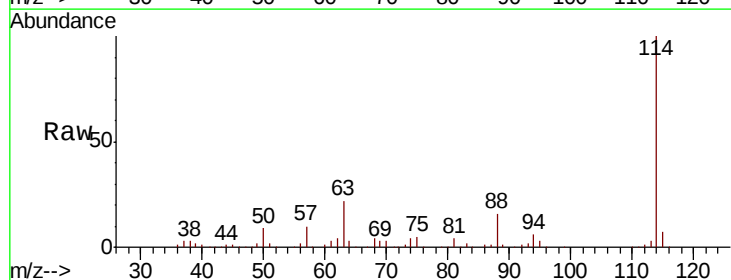
Instrument :
 MSVOA_N
 ClientSampled :
 VN0425MBS01

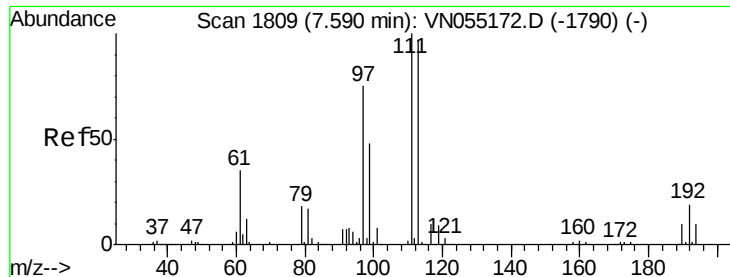
Tot Ion: 65 Resp: 280175
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion: 114 Resp: 658461
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.2
 88 15.8 0.0 32.8

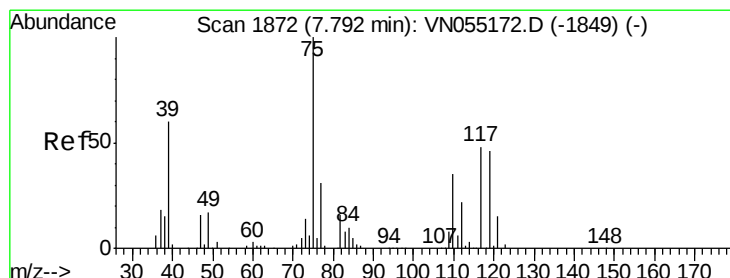
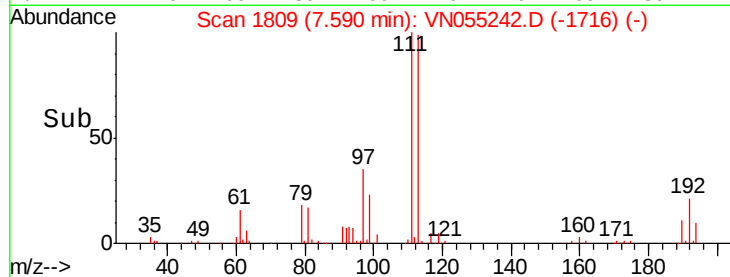
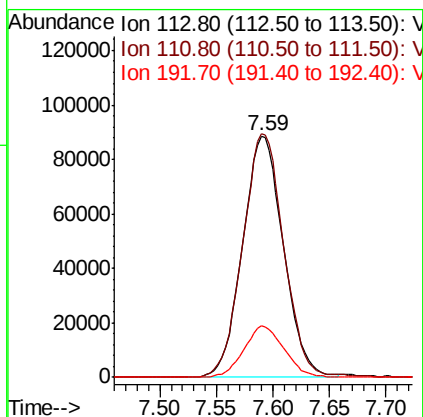
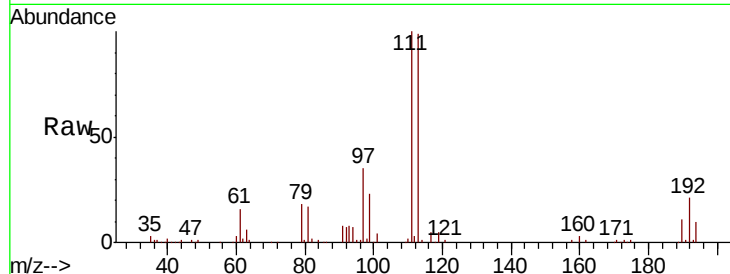




#35
 Dibromofluoromethane
 Concen: 49.630 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

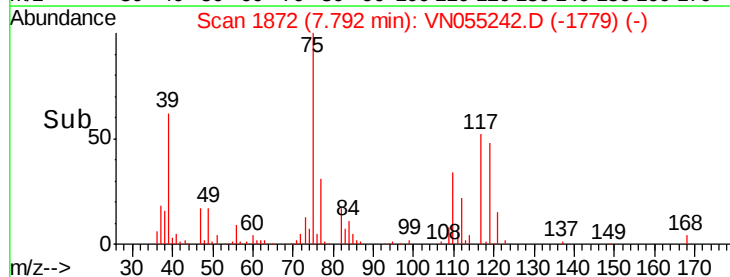
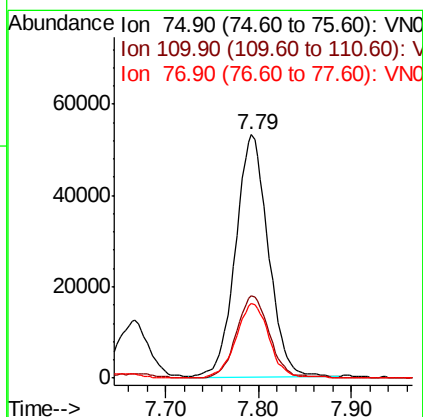
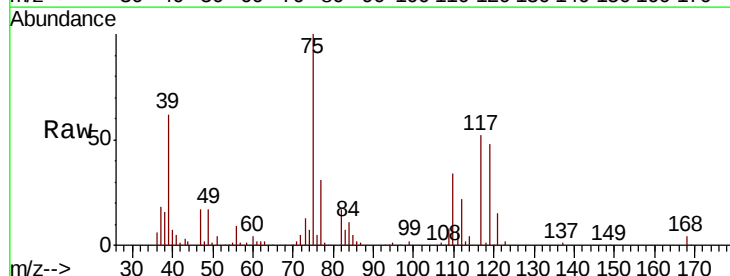
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

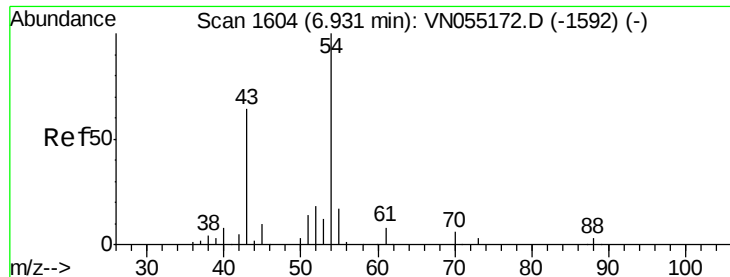
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.4
192	21.1	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 21.158 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.2
77	31.2	24.6	36.8

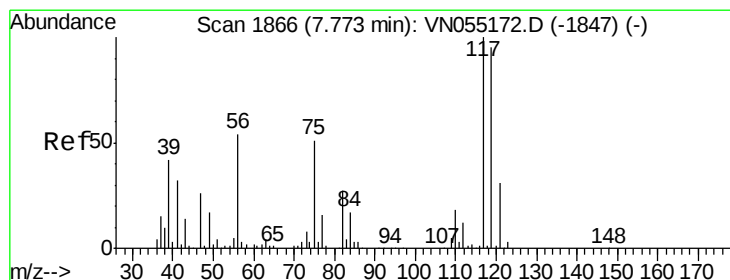
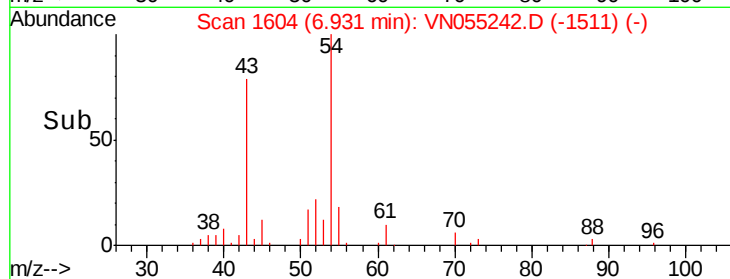
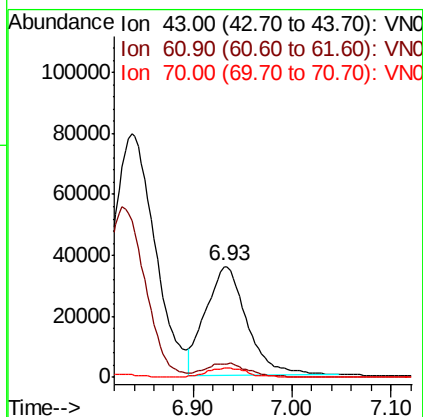
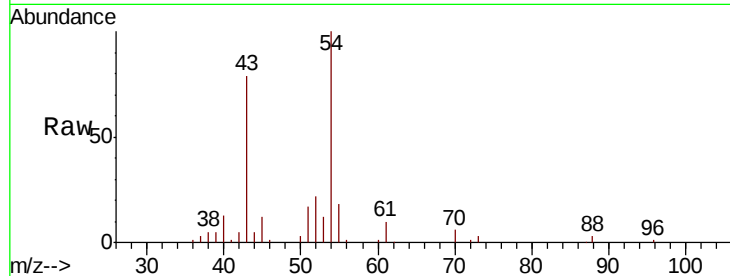




#37
Ethyl Acetate
Concen: 21.366 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

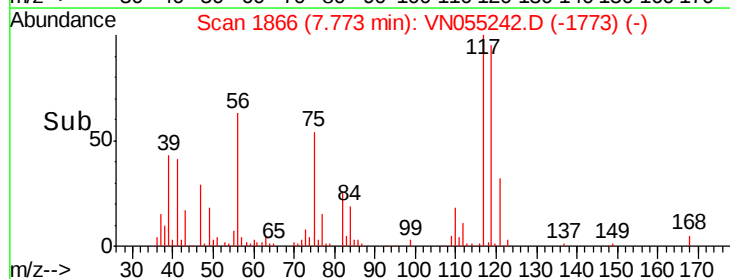
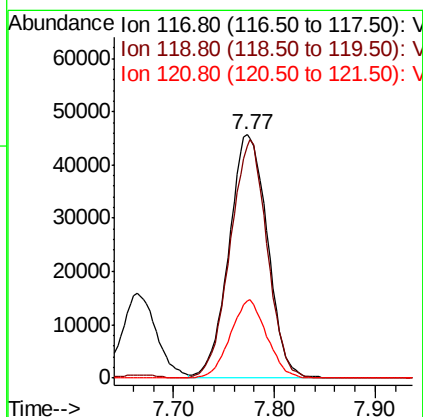
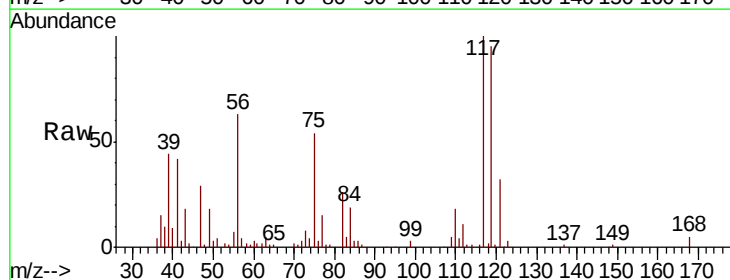
Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

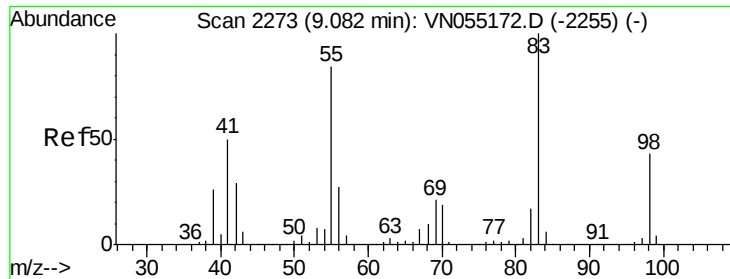
Tot Ion: 43 Resp: 105380
Ion Ratio Lower Upper
43 100
61 13.2 9.7 14.5
70 8.5 6.9 10.3



#38
Carbon Tetrachloride
Concen: 21.114 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 117 Resp: 120836
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0
121 31.9 24.6 36.8

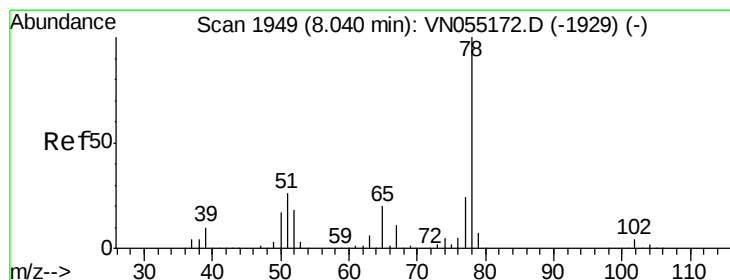
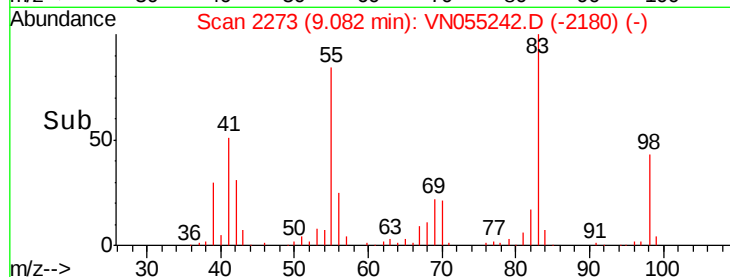
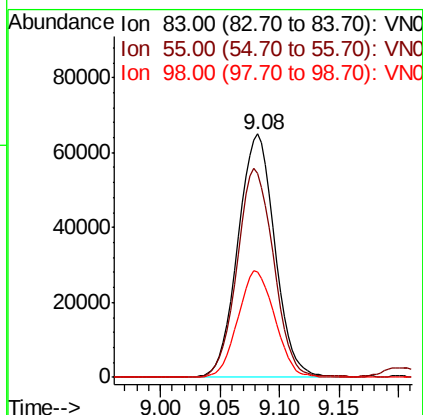
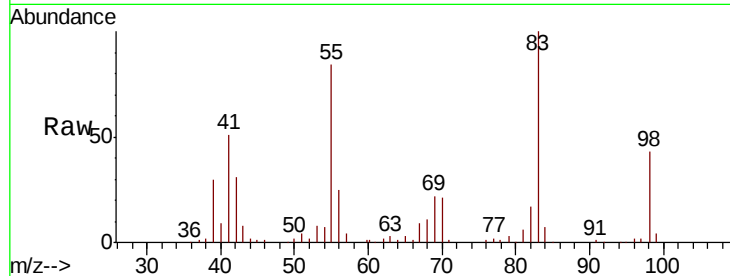




#39
Methvlcvclohexane
Concen: 19.172 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

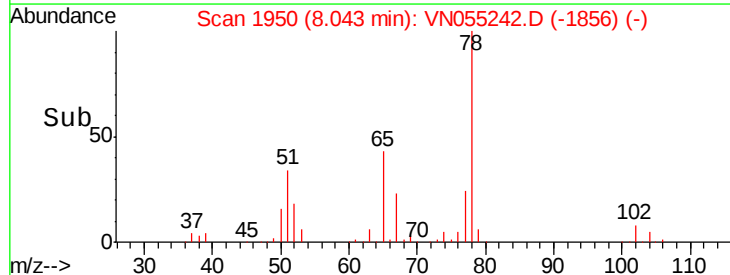
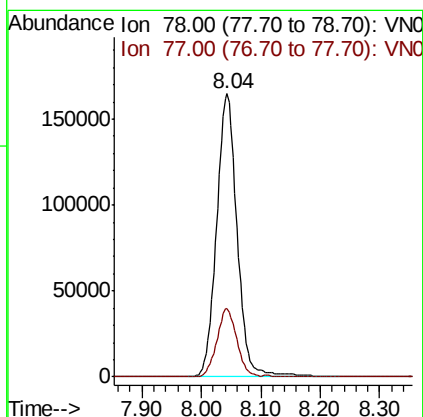
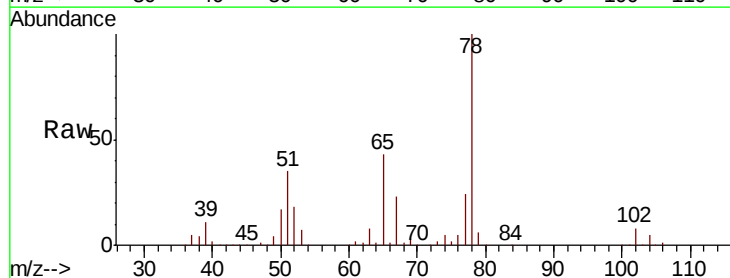
Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

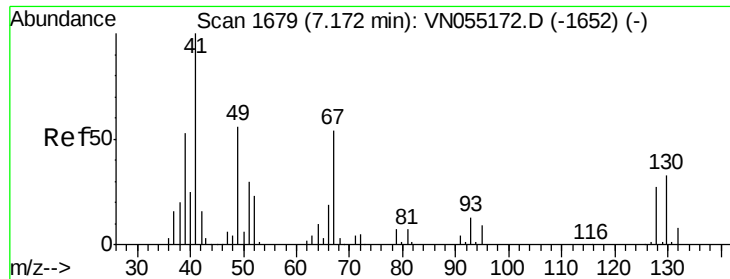
Tot Ion: 83 Resp: 139784
Ion Ratio Lower Upper
83 100
55 83.8 67.4 101.0
98 43.3 34.7 52.1



#40
Benzene
Concen: 20.899 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 78 Resp: 394284
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3

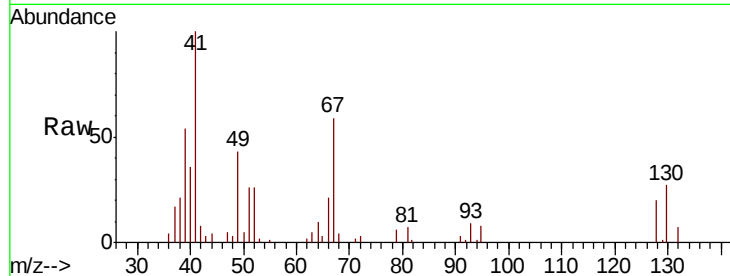




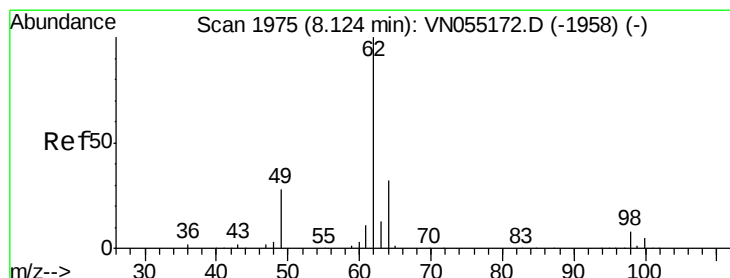
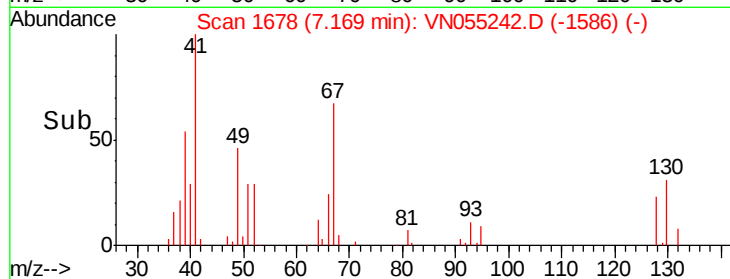
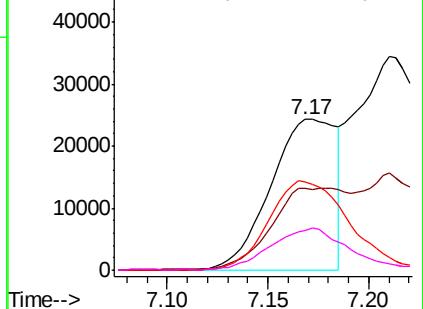
#41
Methacrylonitrile
Concen: 21.195 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

Tot Ion:	41	Resp:	54806
Ion	Ratio	Lower	Upper
41	100		
39	34.7	45.4	68.0#
67	74.5	54.6	81.8
52	33.5	22.8	34.2

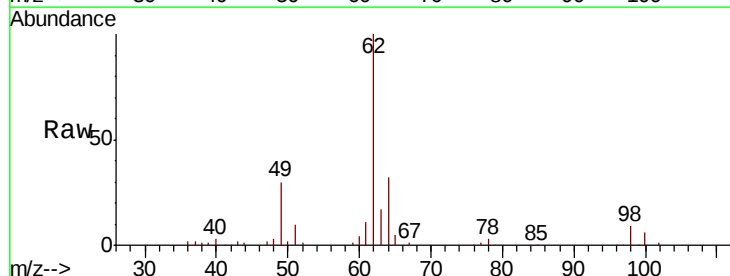


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

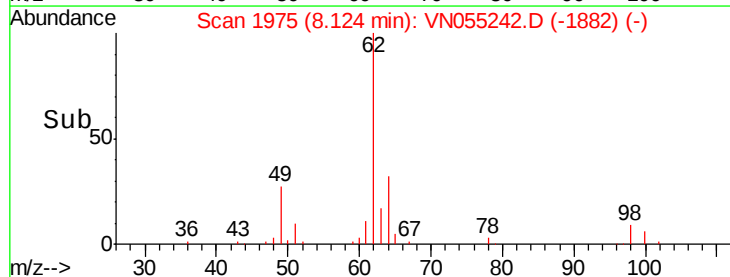
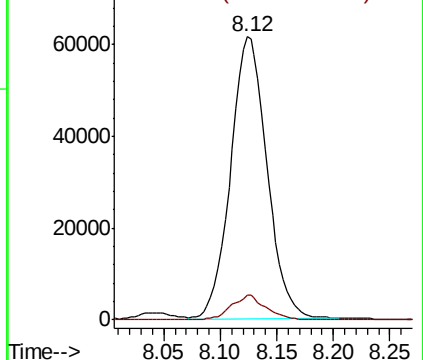


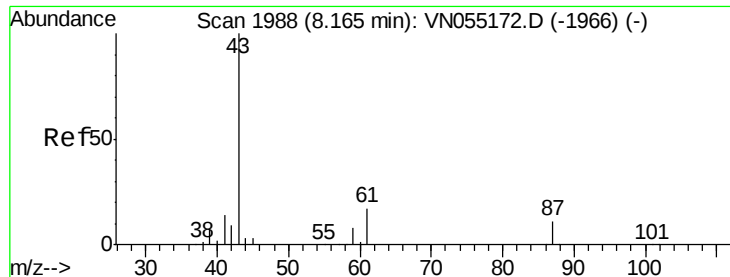
#42
1,2-Dichloroethane
Concen: 20.820 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion:	62	Resp:	137030
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 23.533 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

VN0425MBS01

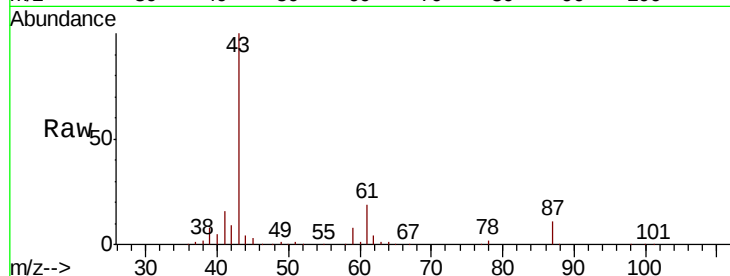
Tot Ion: 43 Resp: 187952

Ion Ratio Lower Upper

43 100

61 24.1 20.6 30.8

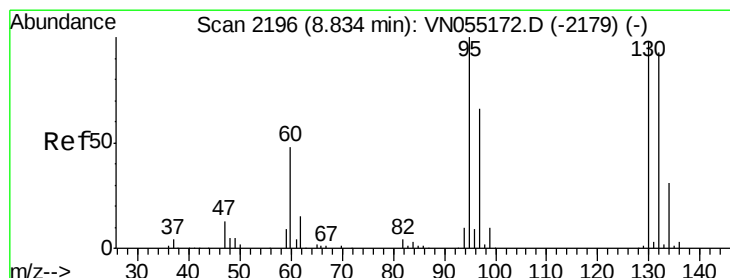
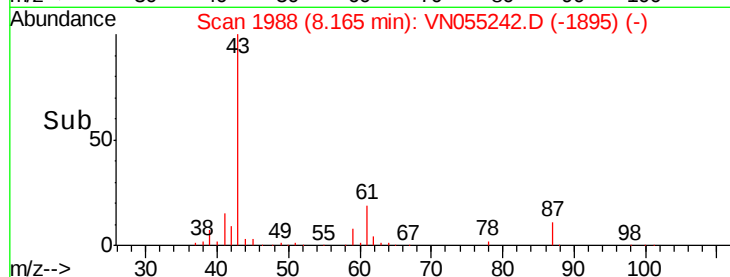
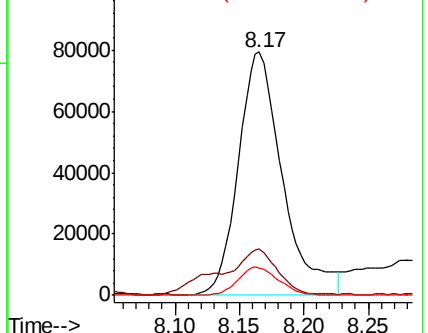
87 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 20.164 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055242.D

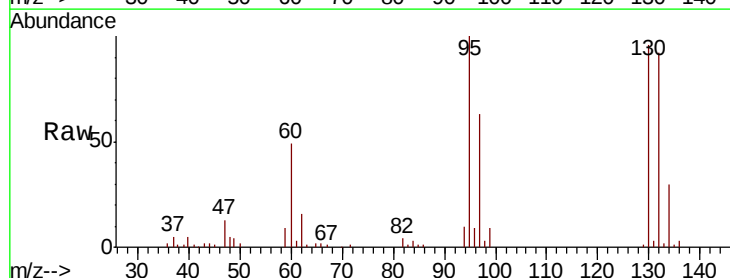
Acq: 25 Apr 2019 13:27

Tgt Ion:130 Resp: 96151

Ion Ratio Lower Upper

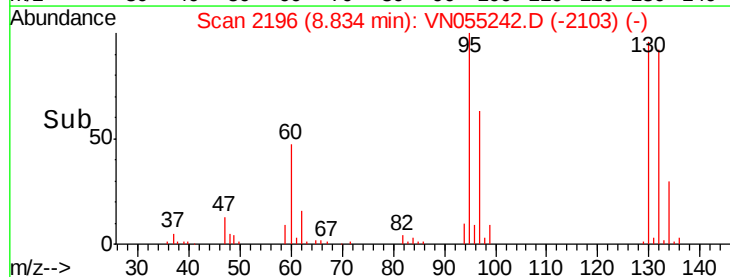
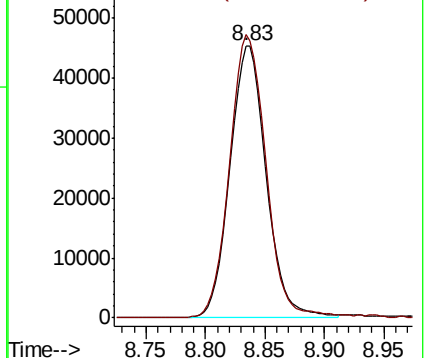
130 100

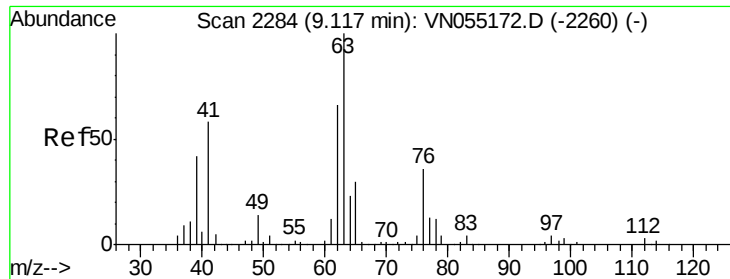
95 103.9 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.792 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

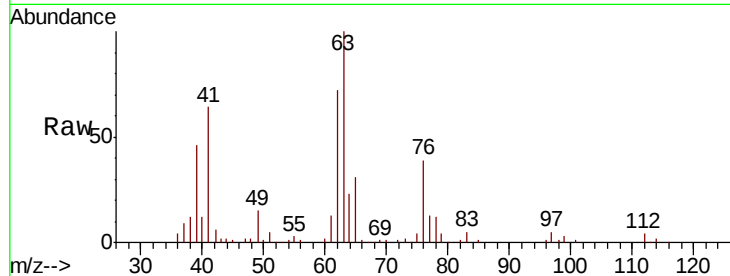
VN0425MBS01

Tot Ion: 63 Resp: 110724

Ion Ratio Lower Upper

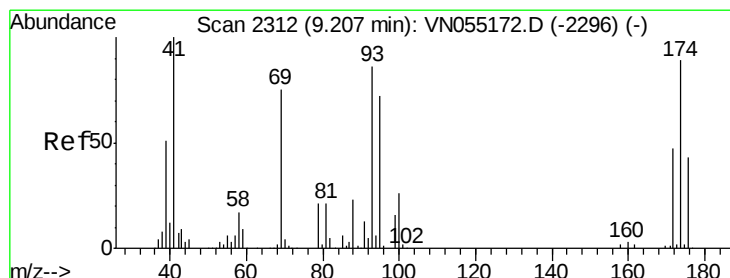
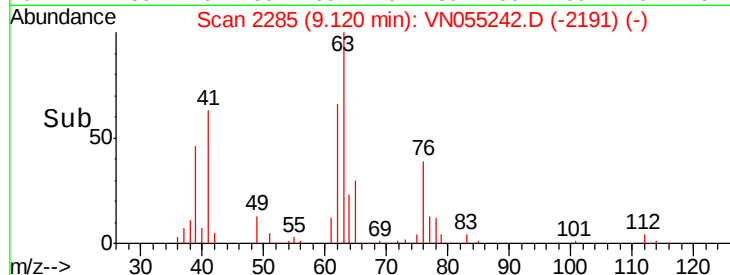
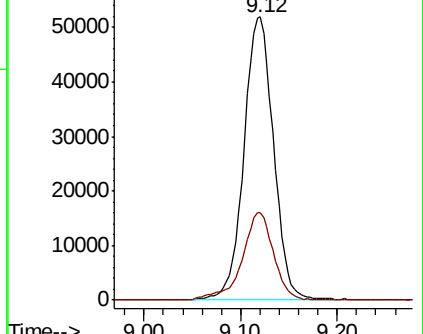
63 100

65 31.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.821 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

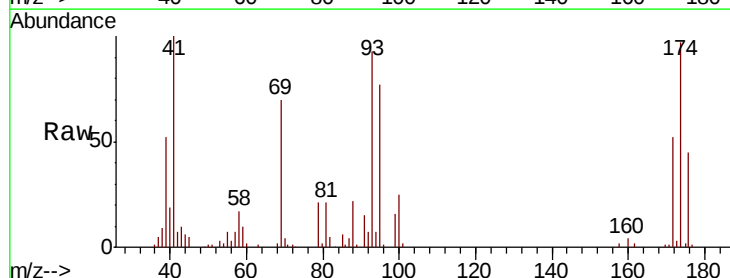
Tgt Ion: 93 Resp: 63475

Ion Ratio Lower Upper

93 100

95 82.0 67.6 101.4

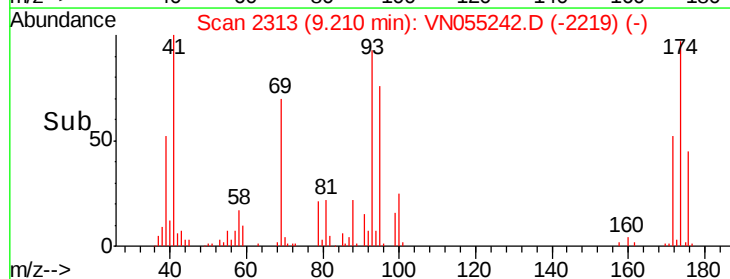
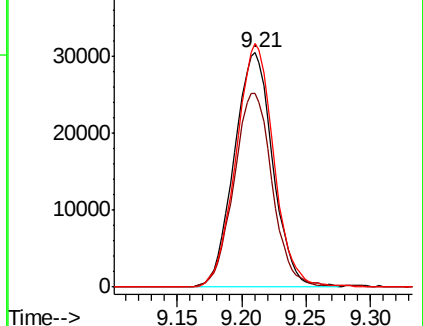
174 101.8 83.4 125.2

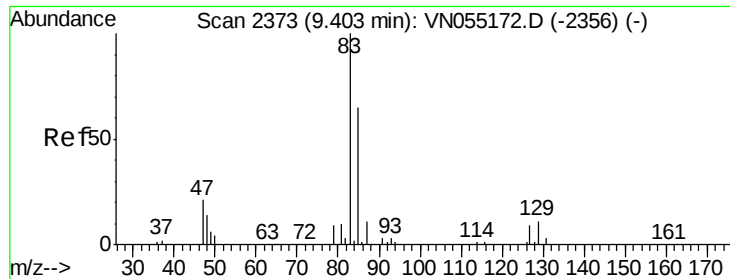


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.966 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

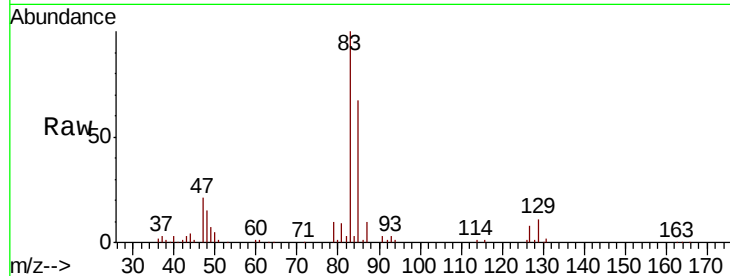
Tot Ion: 83 Resp: 127953

Ion Ratio Lower Upper

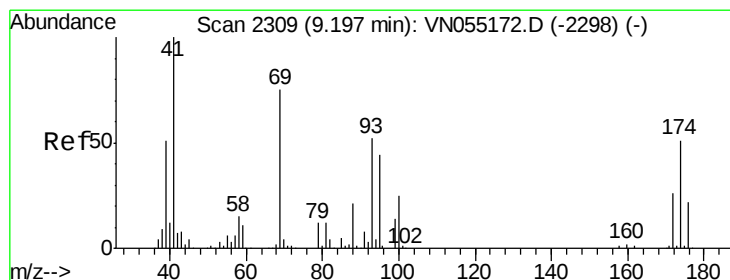
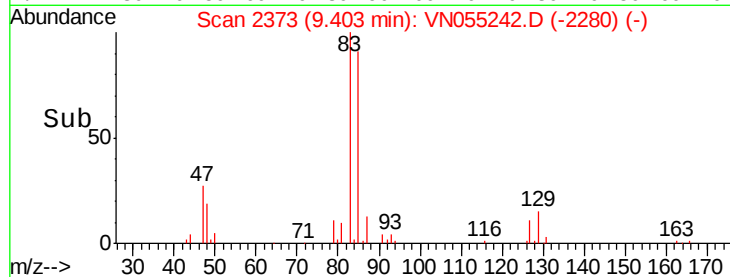
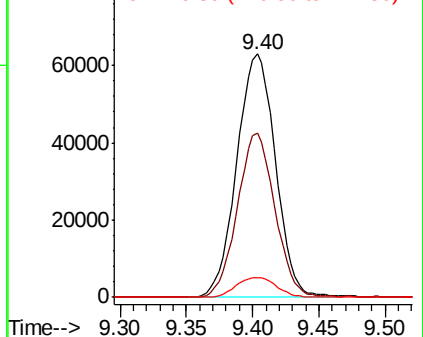
83 100

85 67.5 52.1 78.1

127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 22.201 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

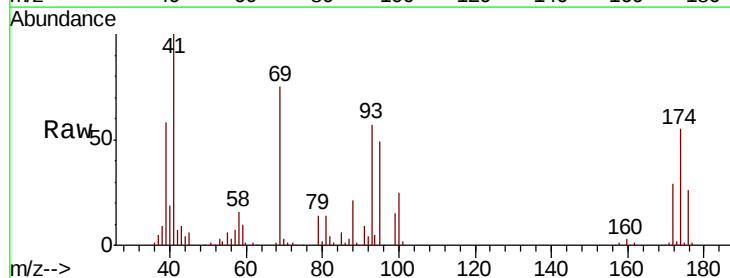
Tgt Ion: 41 Resp: 86013

Ion Ratio Lower Upper

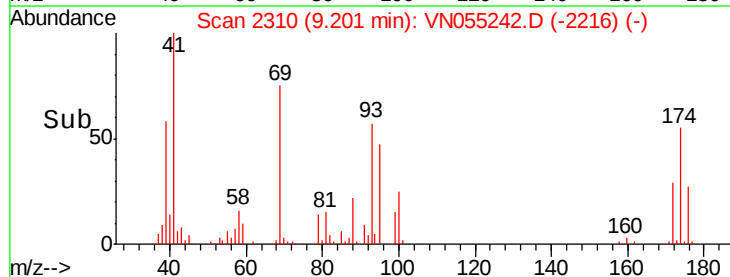
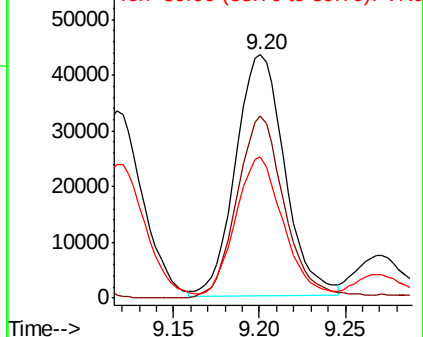
41 100

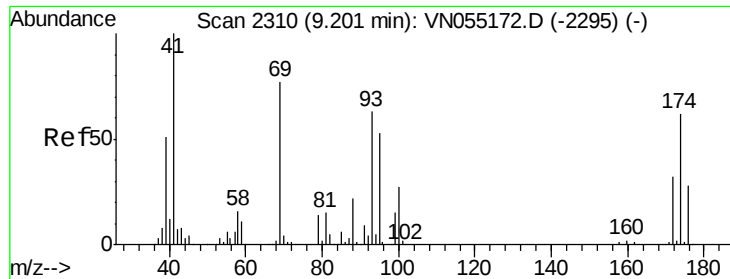
69 73.5 63.6 95.4

39 56.4 43.8 65.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 424.802 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

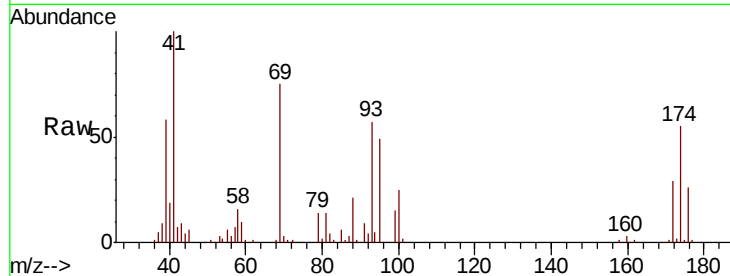
Tot Ion: 88 Resp: 19006

Ion Ratio Lower Upper

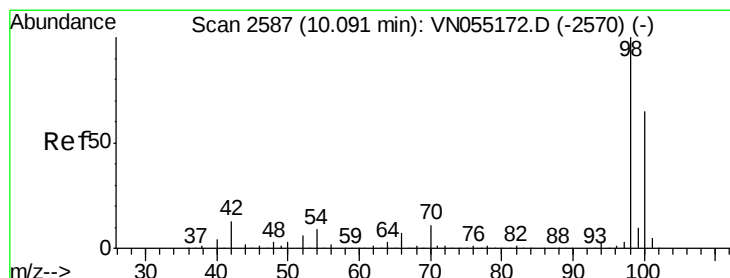
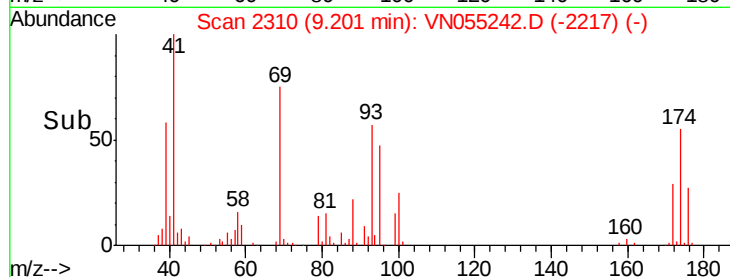
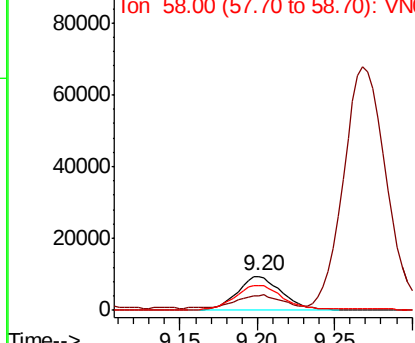
88 100

43 35.1 32.0 48.0

58 79.3 60.4 90.6



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.209 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055242.D

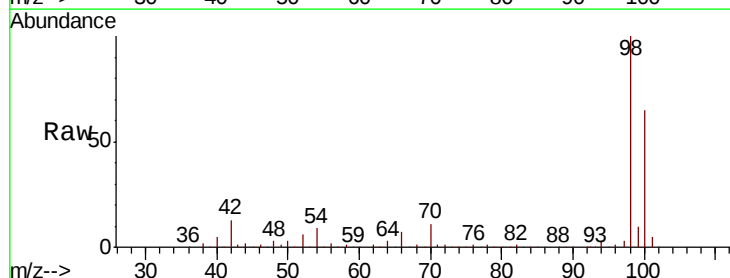
Acq: 25 Apr 2019 13:27

Tgt Ion: 98 Resp: 815596

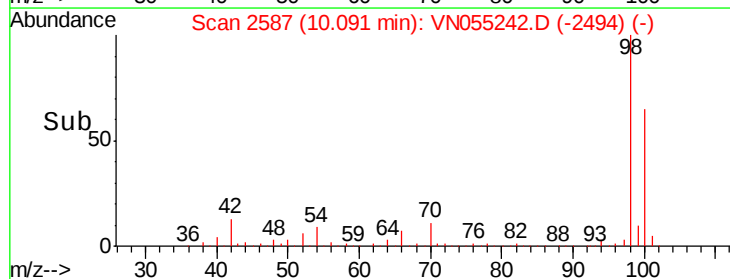
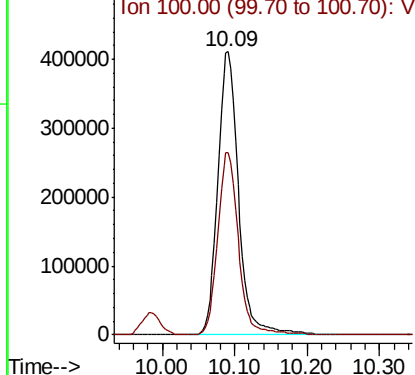
Ion Ratio Lower Upper

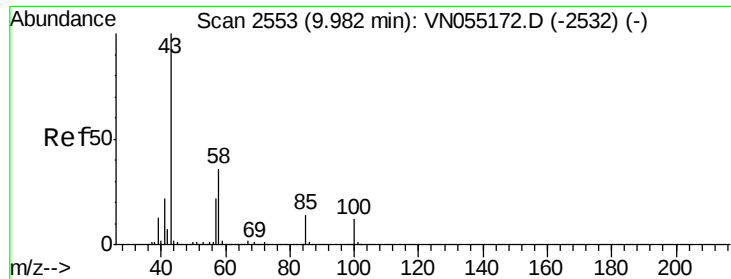
98 100

100 64.6 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 107.095 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

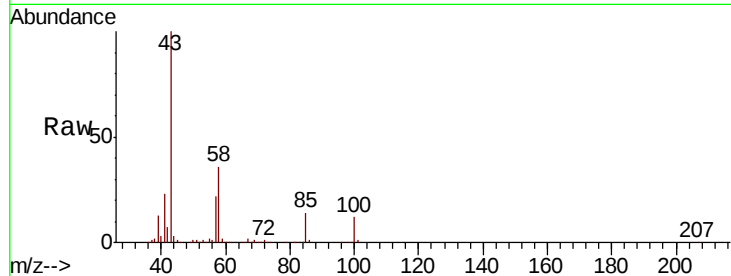
VN0425MBS01

Tot Ion: 43 Resp: 492199

Ion Ratio Lower Upper

43 100

58 35.9 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

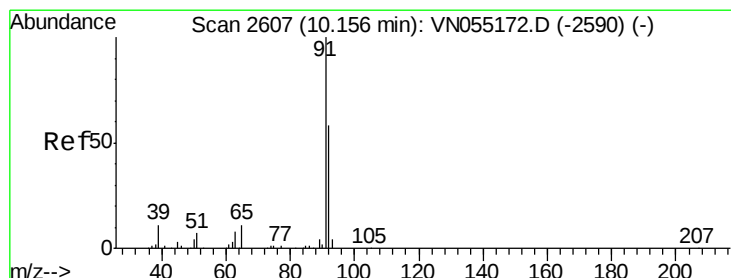
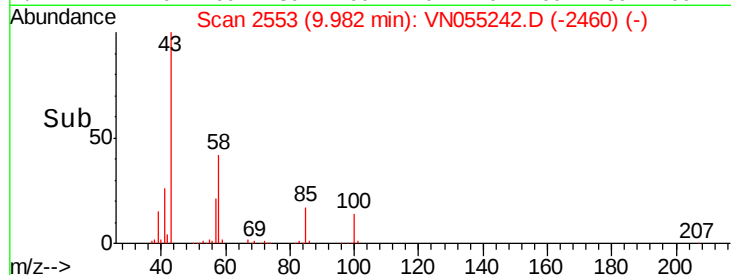
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.489 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055242.D

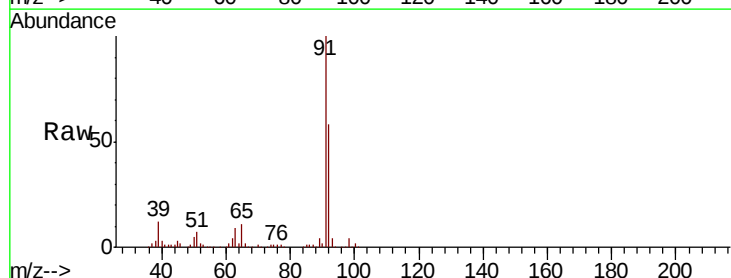
Acq: 25 Apr 2019 13:27

Tgt Ion: 92 Resp: 226610

Ion Ratio Lower Upper

92 100

91 176.8 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

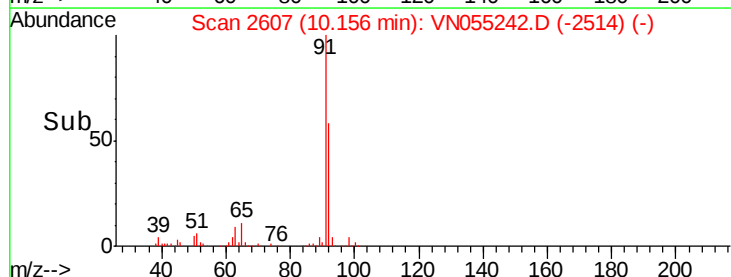
150000

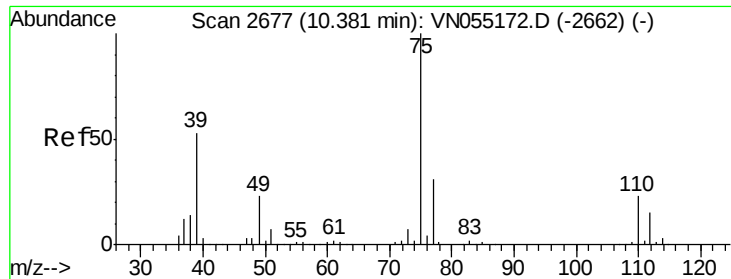
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.489 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

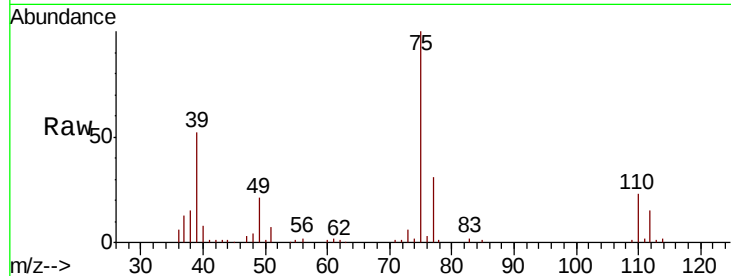
VN0425MBS01

Tot Ion: 75 Resp: 120352

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

80000

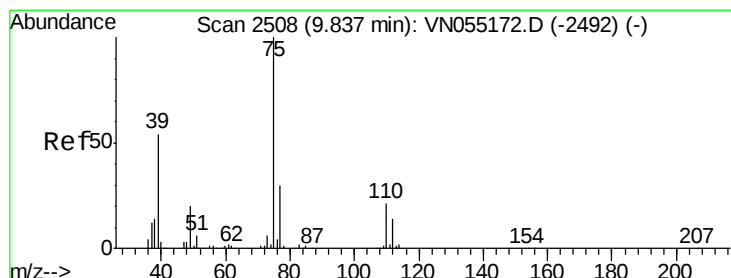
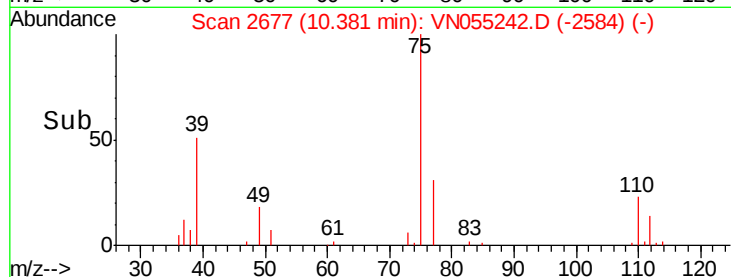
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.926 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

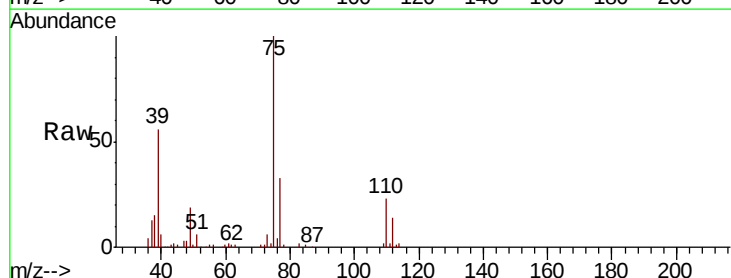
Tgt Ion: 75 Resp: 145438

Ion Ratio Lower Upper

75 100

77 32.7 24.3 36.5

39 56.2 43.0 64.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

100000

80000

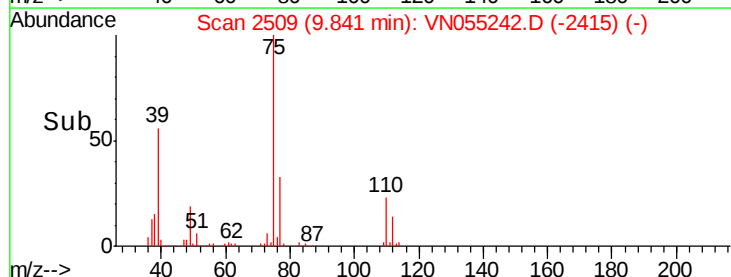
60000

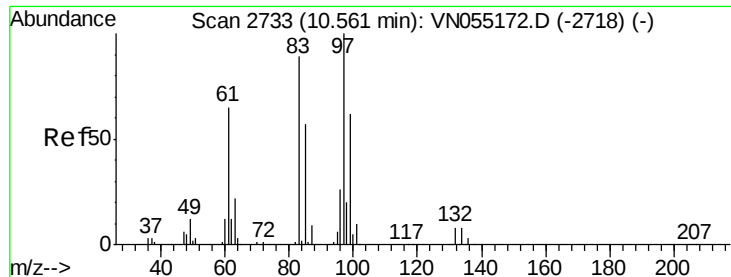
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.828 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

Tot Ion: 97 Resp: 84924

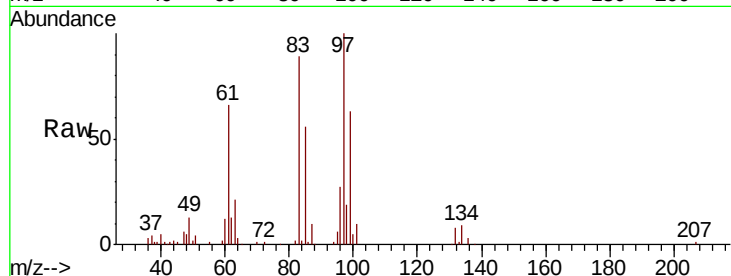
Ion Ratio Lower Upper

97 100

83 89.2 71.5 107.3

85 55.8 45.8 68.6

99 62.7 49.9 74.9

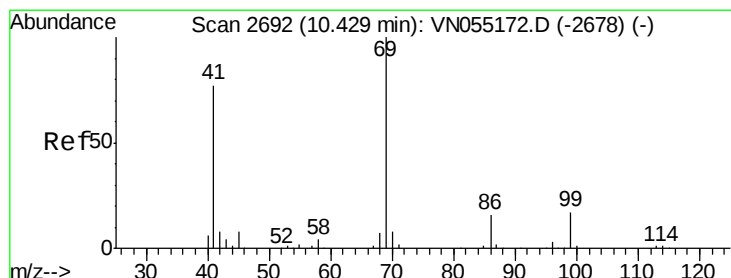
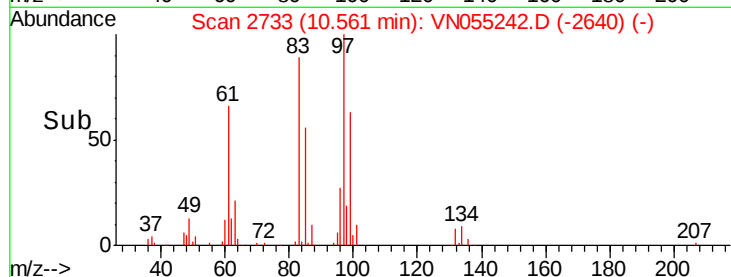
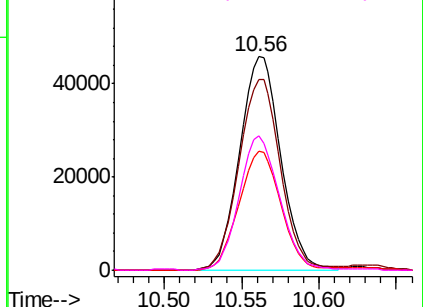


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.212 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

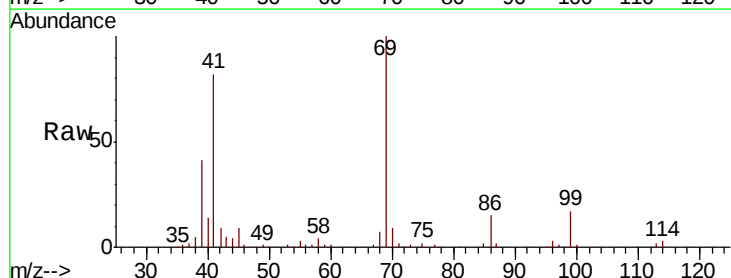
Tgt Ion: 69 Resp: 107744

Ion Ratio Lower Upper

69 100

41 79.2 60.6 90.8

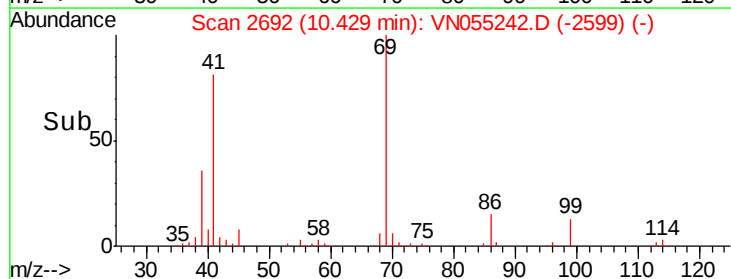
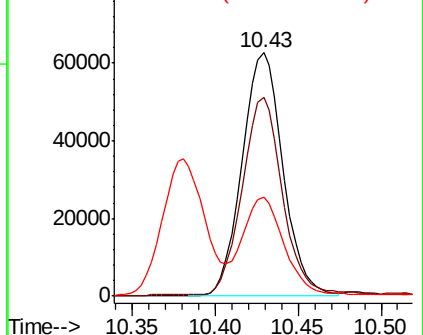
39 40.1 31.7 47.5

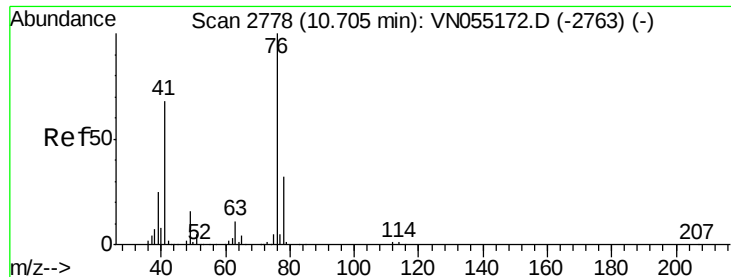


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.090 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

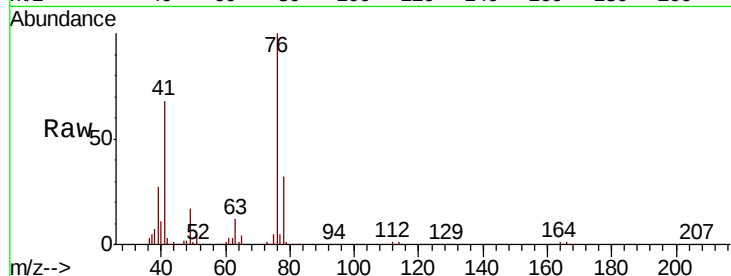
VN0425MBS01

Tot Ion: 76 Resp: 149613

Ion Ratio Lower Upper

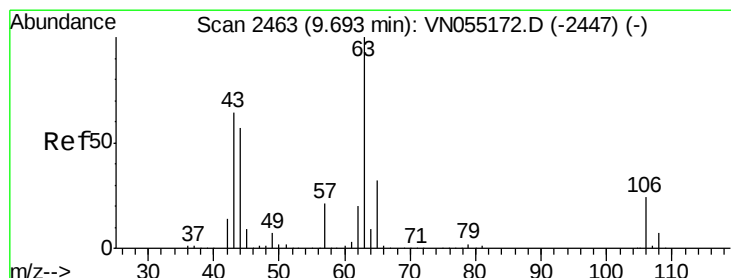
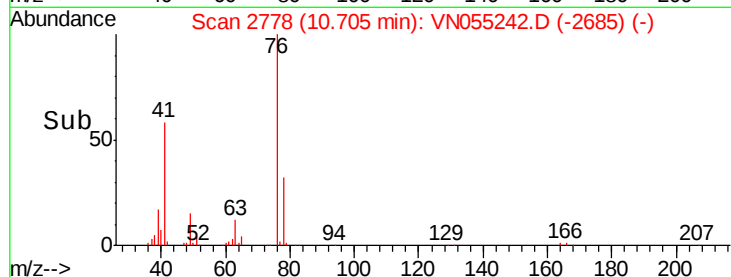
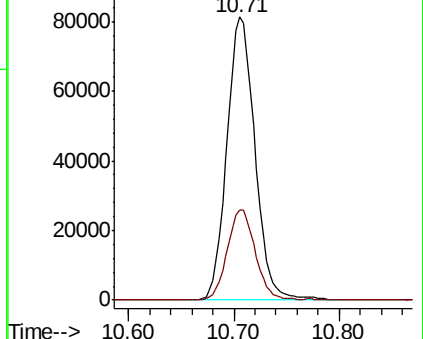
76 100

78 31.9 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 90.277 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055242.D

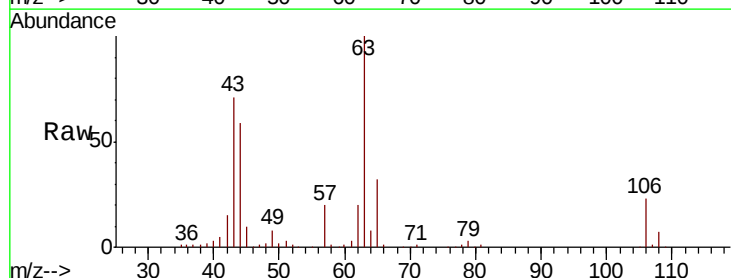
Acq: 25 Apr 2019 13:27

Tgt Ion: 63 Resp: 161918

Ion Ratio Lower Upper

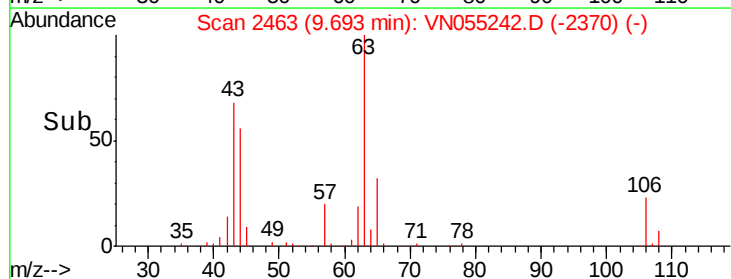
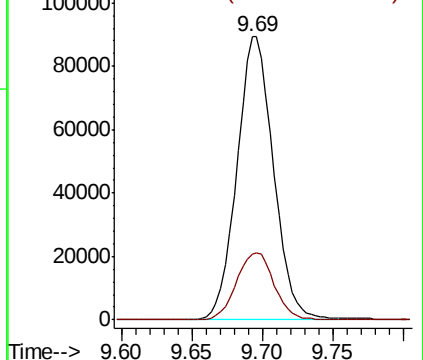
63 100

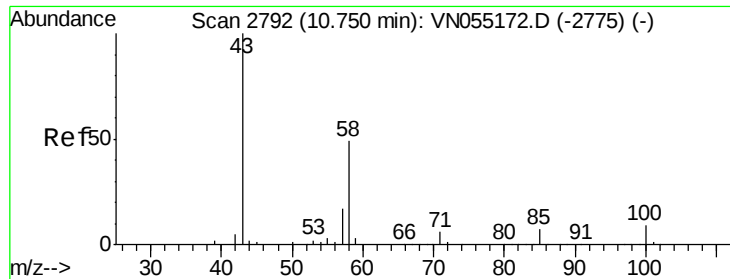
106 24.4 19.4 29.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

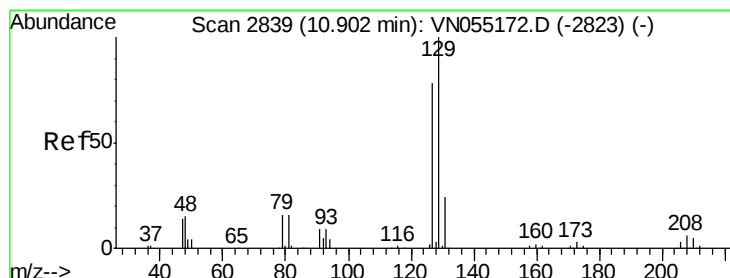
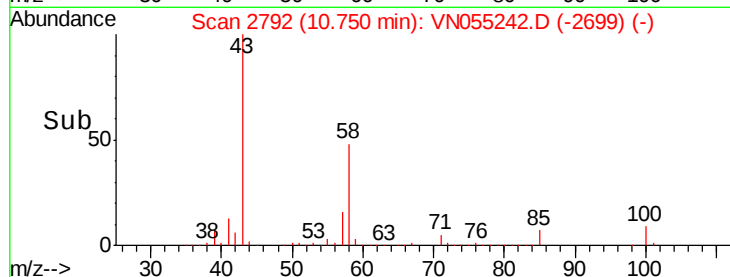
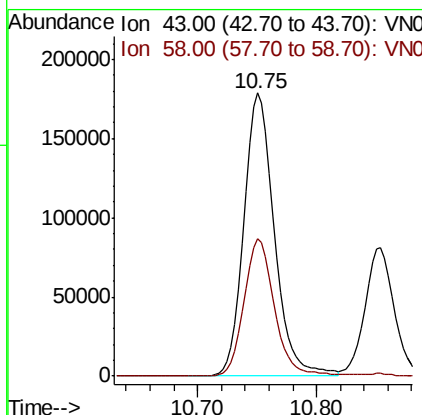
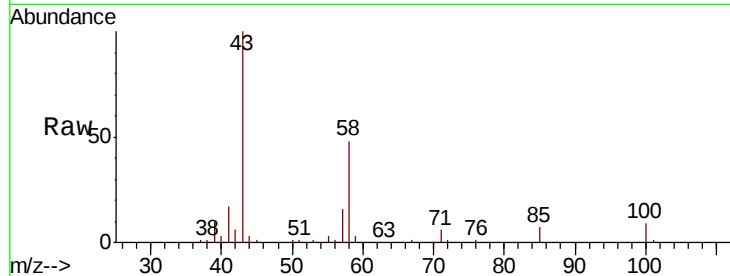




#59
2-Hexanone
Concen: 108.733 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

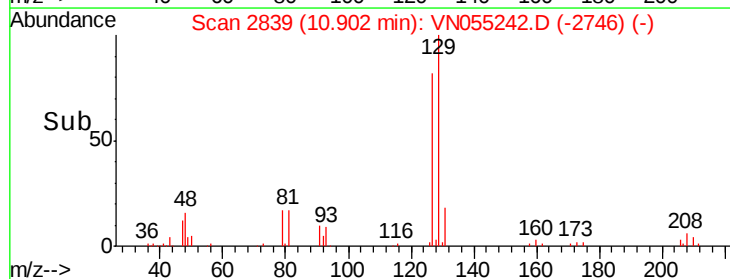
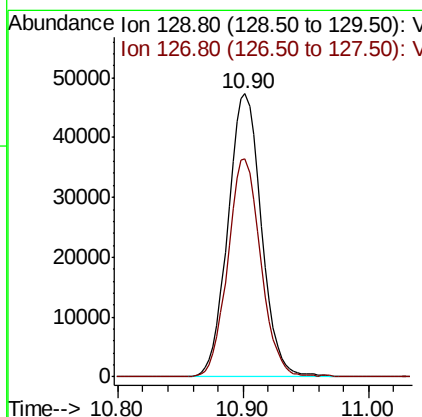
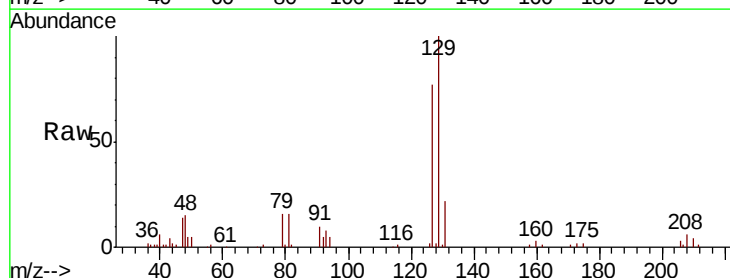
Instrument :
MSVOA_N
ClientSampleId :
VN0425MBS01

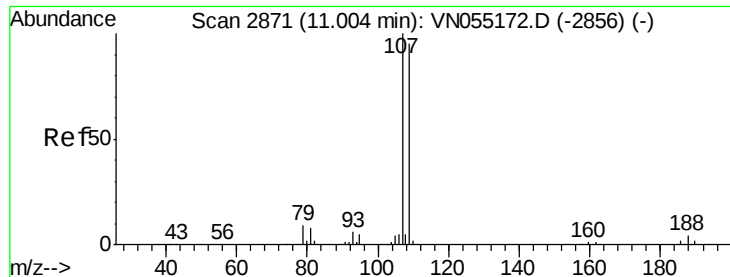
Tot Ion: 43 Resp: 315651
Ion Ratio Lower Upper
43 100
58 48.8 24.5 73.5



#60
Dibromochloromethane
Concen: 20.901 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 129 Resp: 87779
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.411 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

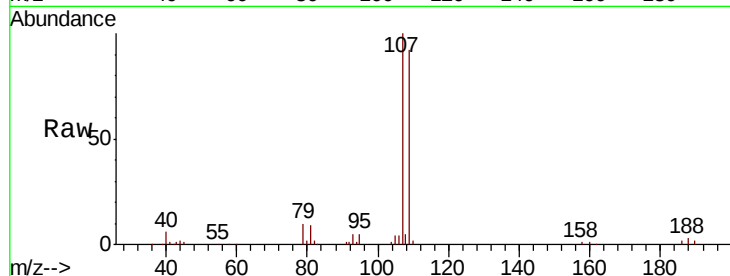
VN0425MBS01

Tot Ion:107 Resp: 82081

Ion Ratio Lower Upper

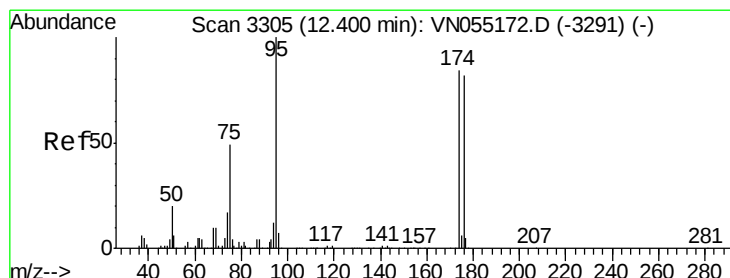
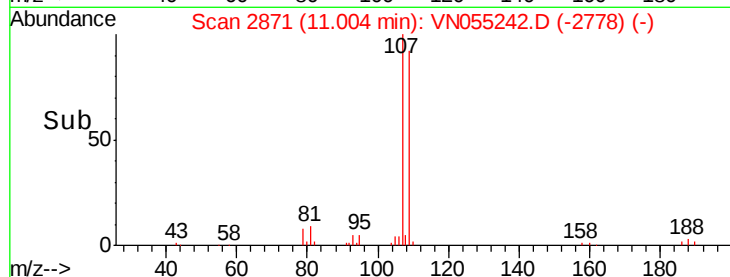
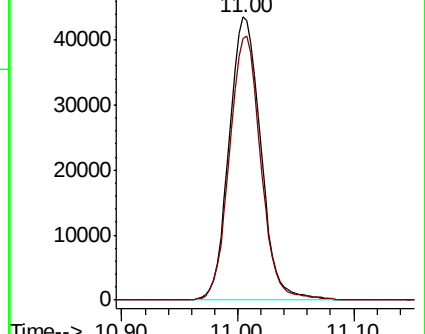
107 100

109 91.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.026 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

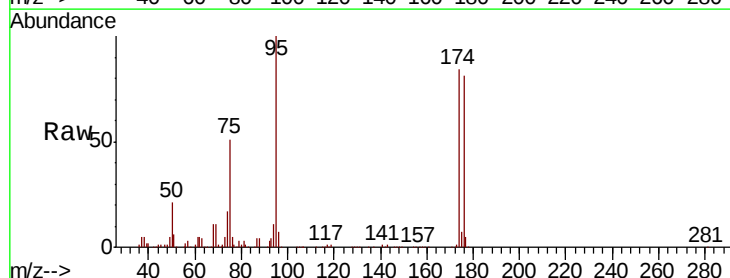
Tgt Ion: 95 Resp: 262566

Ion Ratio Lower Upper

95 100

174 83.8 0.0 168.4

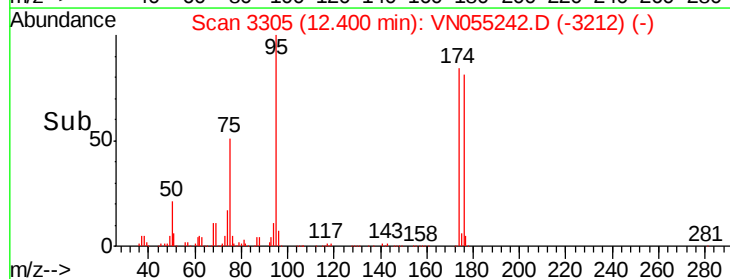
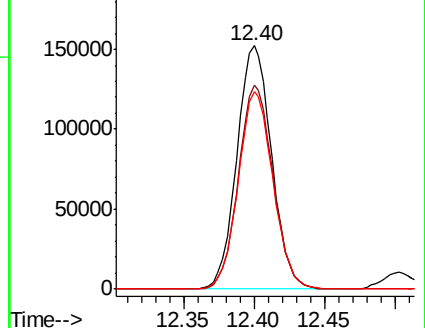
176 81.3 0.0 164.0

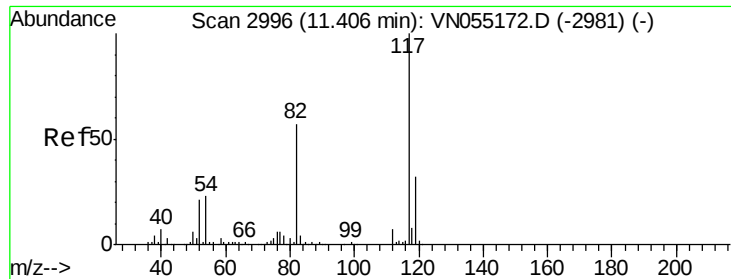


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

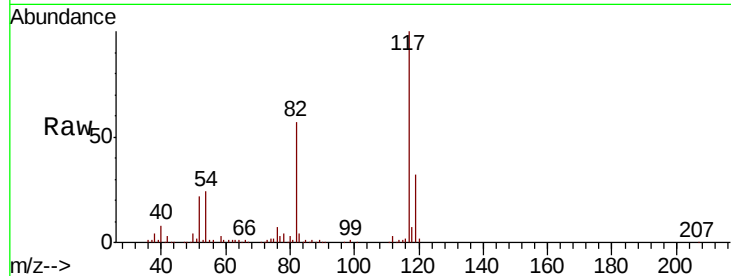
Tot Ion:117 Resp: 564915

Ion Ratio Lower Upper

117 100

82 57.3 45.7 68.5

119 31.9 25.4 38.2

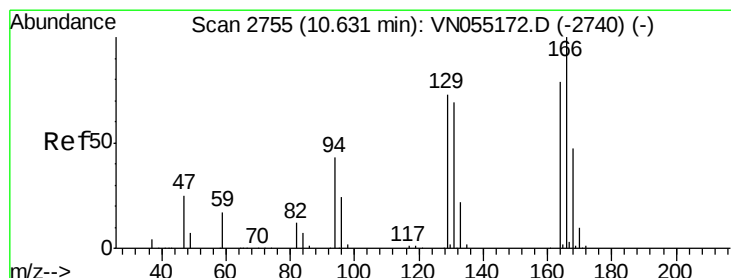
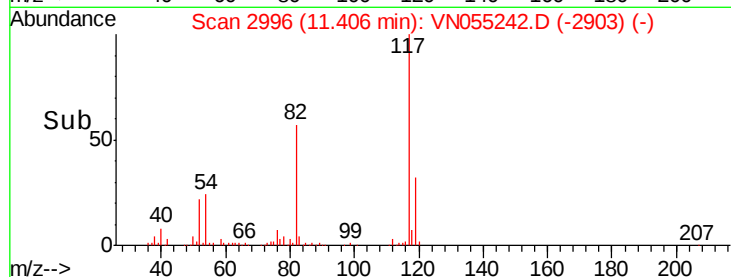
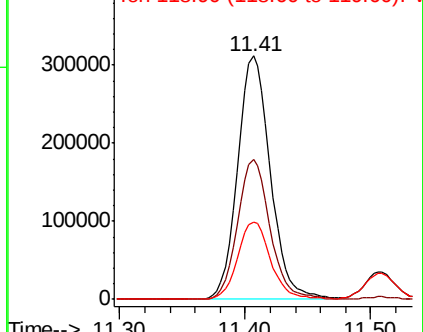


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.361 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Tgt Ion:164 Resp: 93831

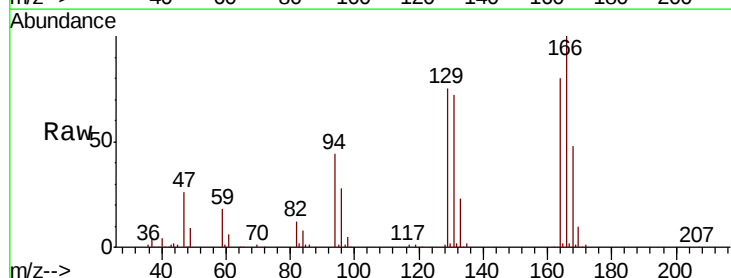
Ion Ratio Lower Upper

164 100

166 125.0 101.9 152.9

129 94.0 74.1 111.1

131 89.9 70.6 106.0



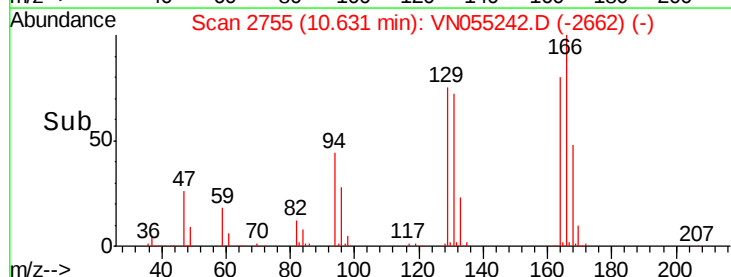
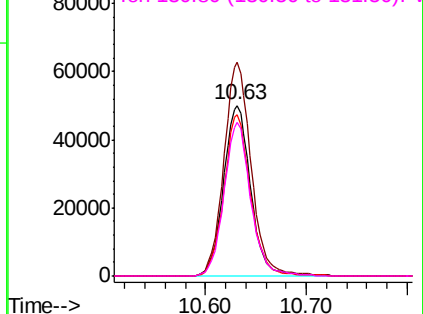
Abundance

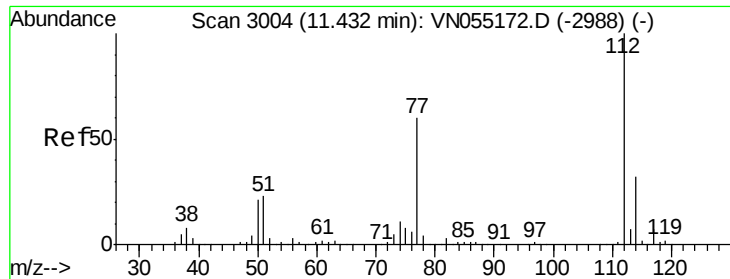
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

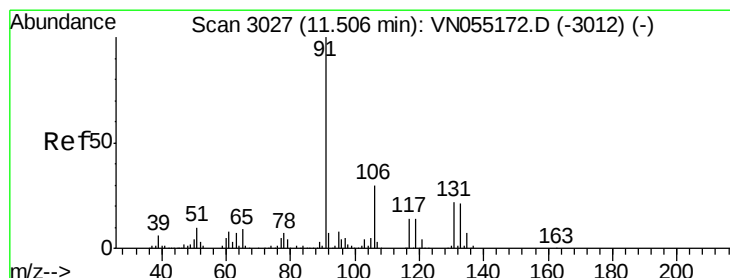
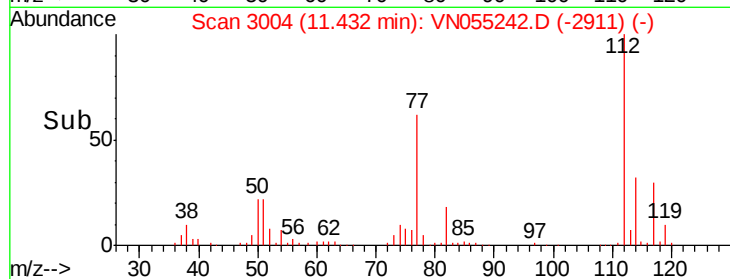
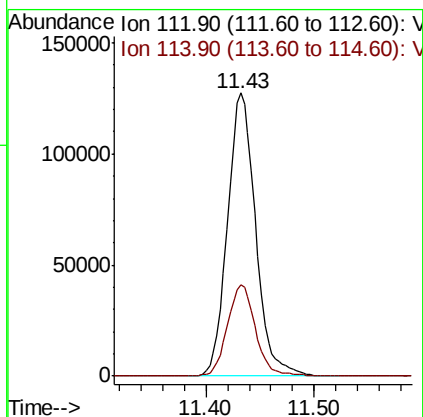
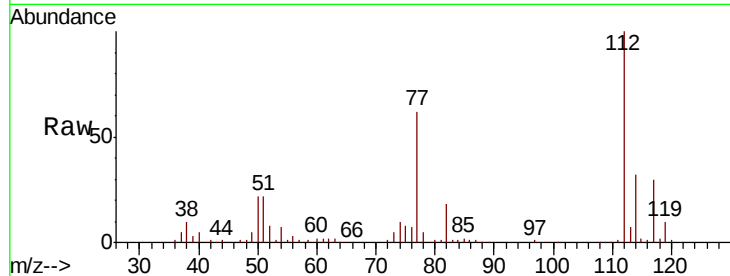




#65
Chlorobenzene
Concen: 20.101 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

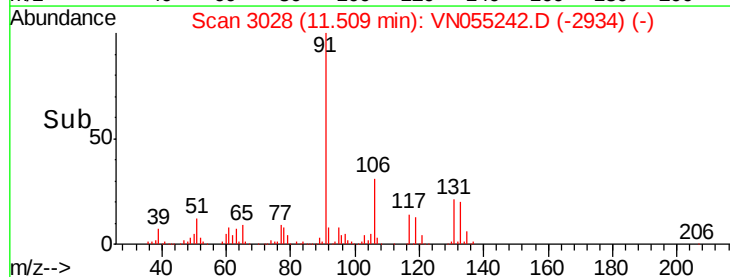
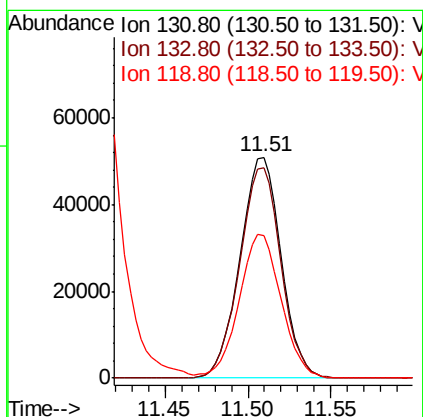
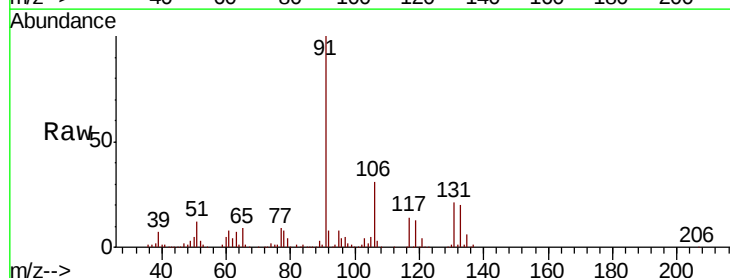
Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

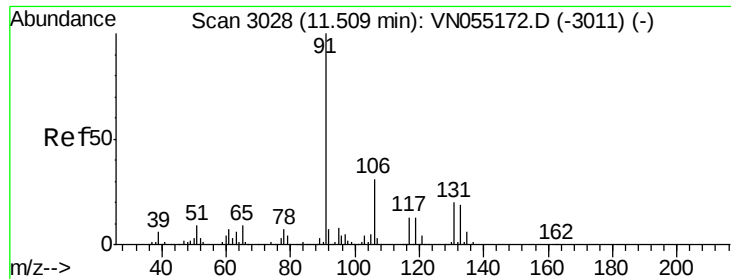
Tot Ion:112 Resp: 231774
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.540 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion:131 Resp: 87778
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 66.7 33.2 99.6

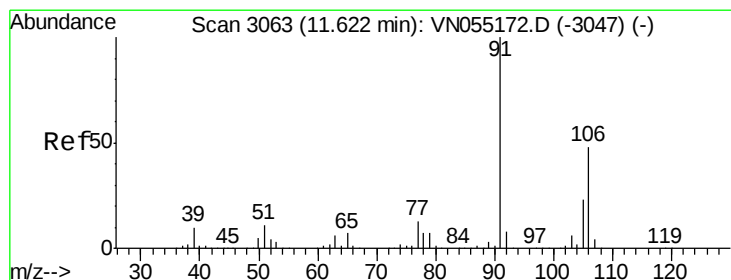
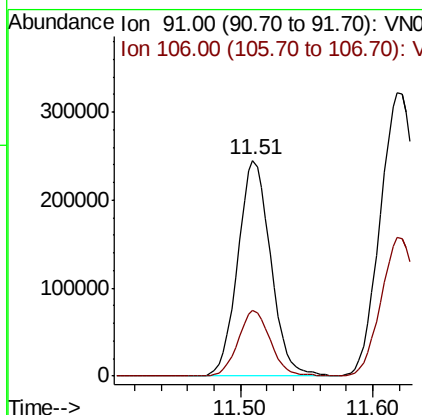
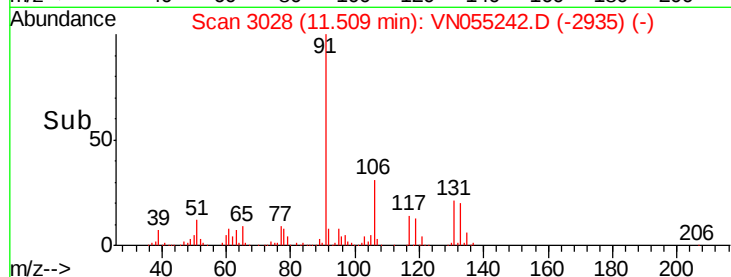
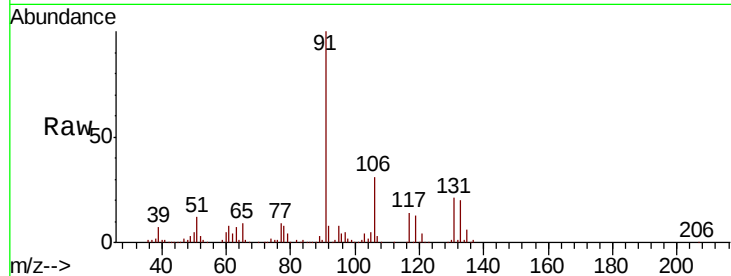




#67
Ethyl Benzene
Concen: 20.524 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

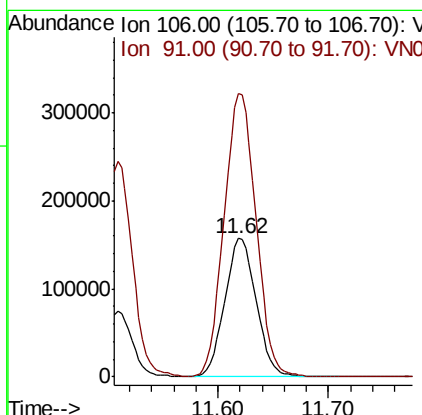
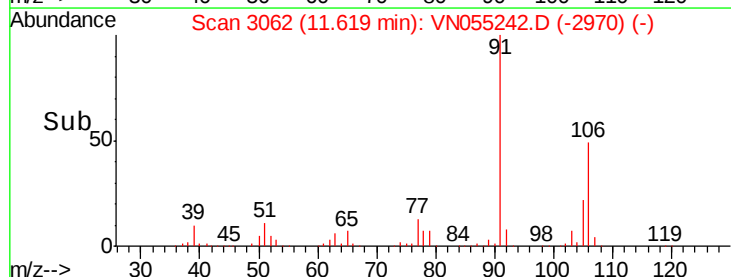
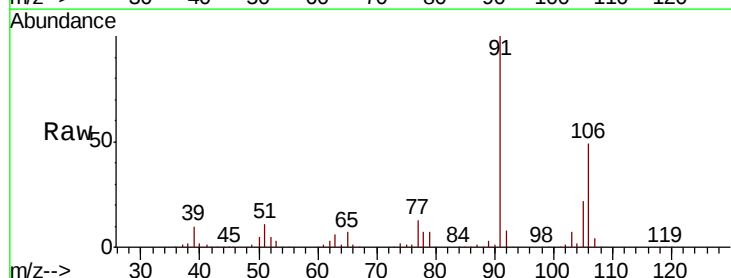
Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

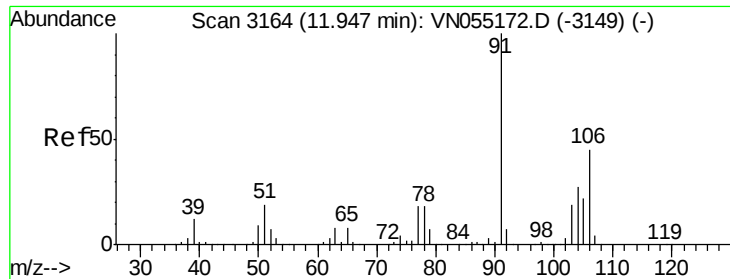
Tot Ion: 91 Resp: 421559
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 42.178 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 106 Resp: 310710
Ion Ratio Lower Upper
106 100
91 207.6 167.1 250.7

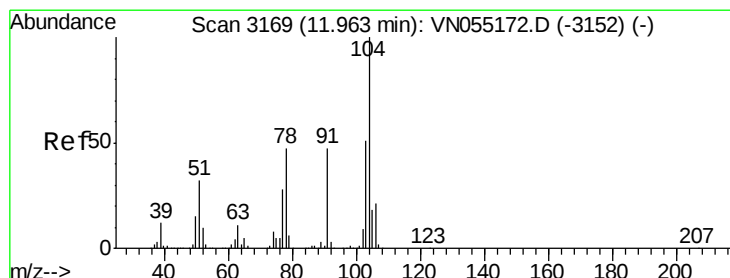
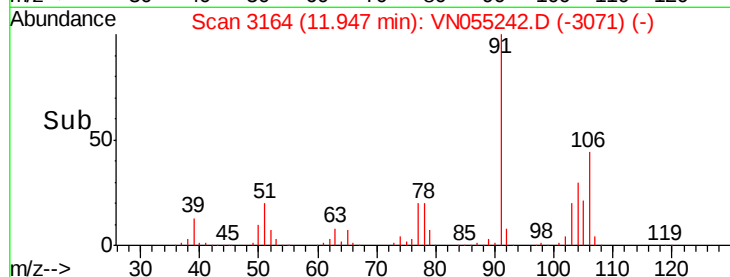
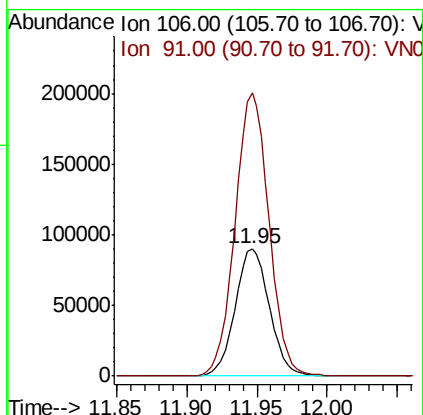
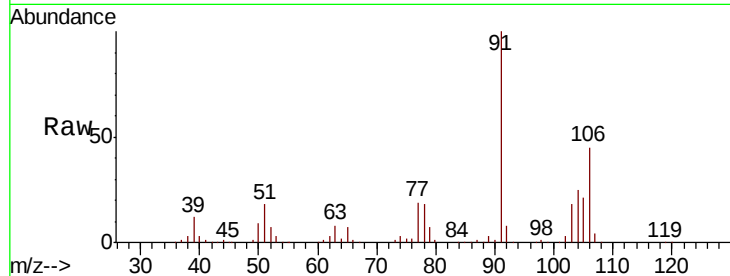




#69
o-Xylene
Concen: 20.977 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

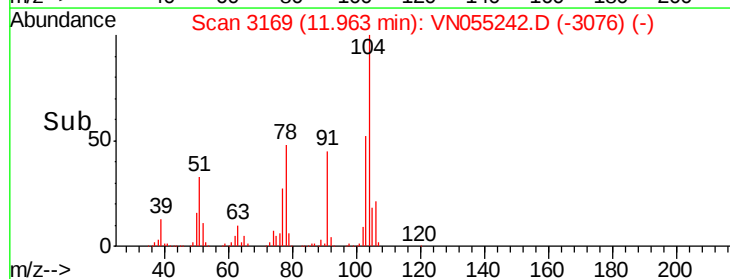
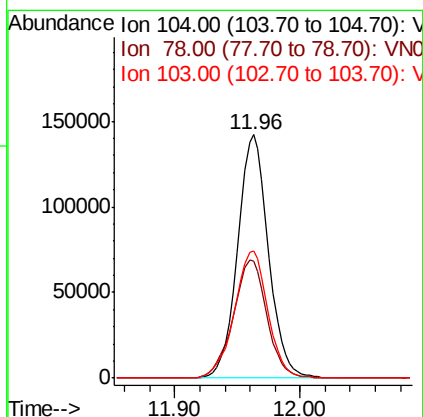
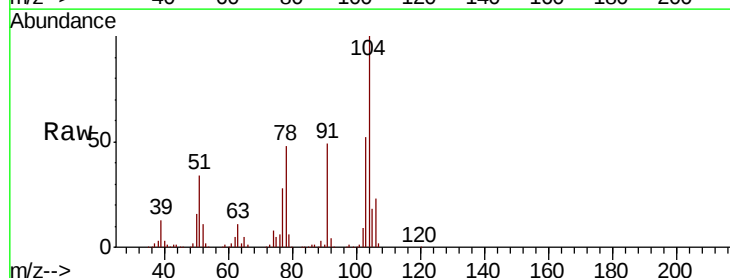
Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

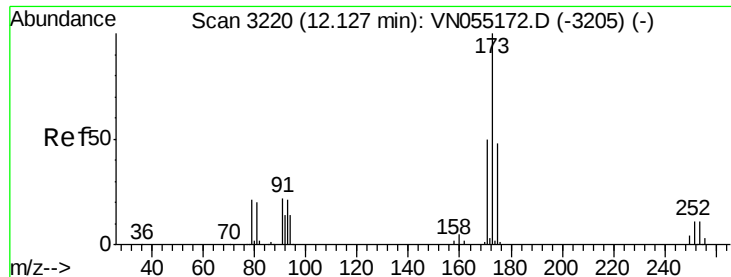
Tot Ion:106 Resp: 153357
Ion Ratio Lower Upper
106 100
91 220.3 110.6 331.8



#70
Styrene
Concen: 21.401 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion:104 Resp: 242513
Ion Ratio Lower Upper
104 100
78 53.3 41.3 61.9
103 56.7 44.2 66.4

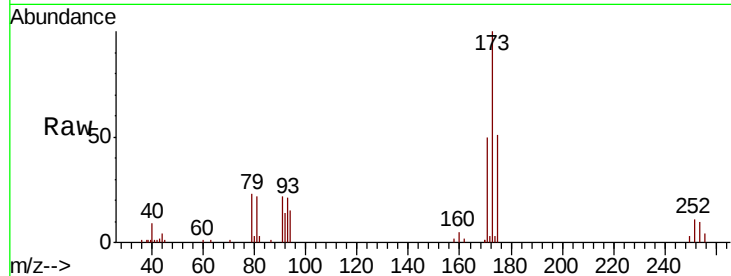




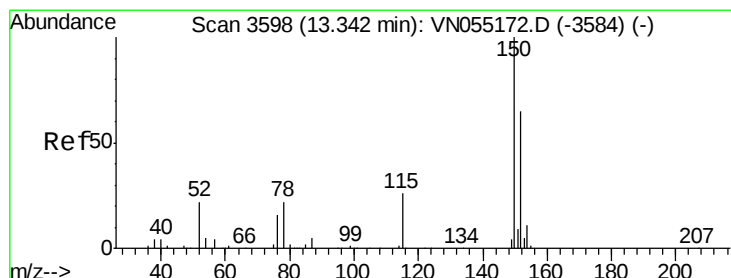
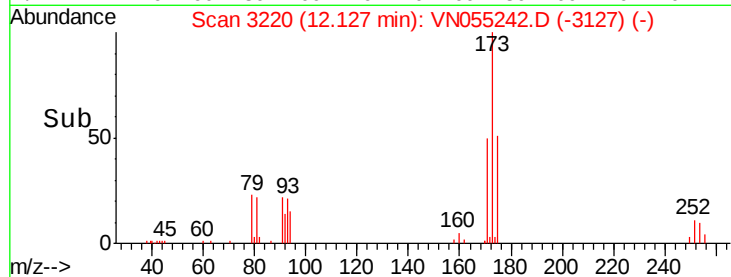
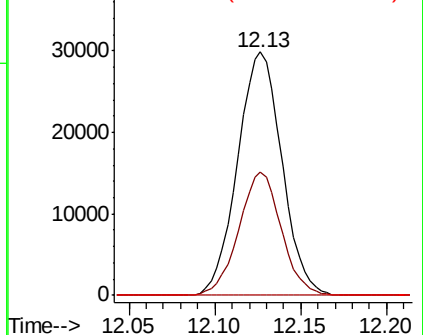
#71
 Bromoform
 Concen: 20.997 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

Tot Ion:173 Resp: 53548
 Ion Ratio Lower Upper
 173 100
 175 48.2 23.8 71.2
 254 0.0 0.1 0.1#

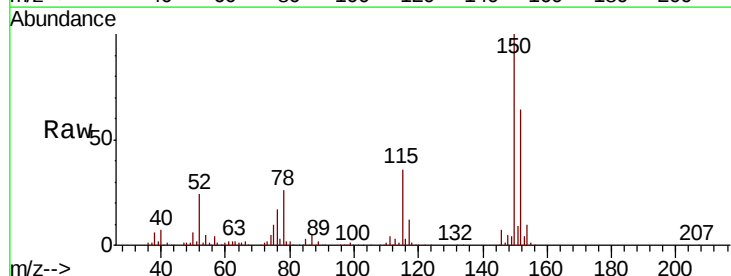


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

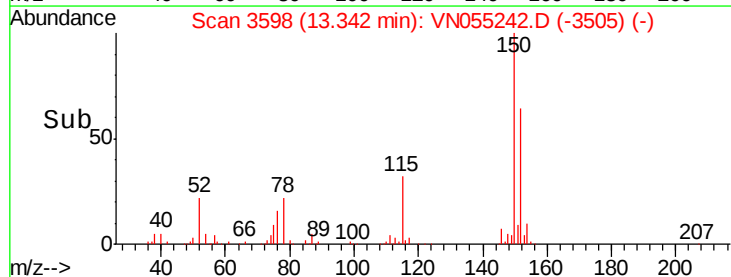
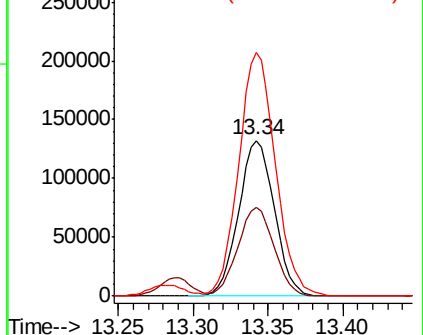


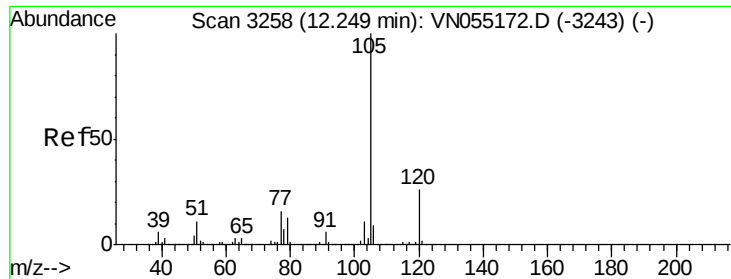
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion:152 Resp: 219439
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.9 86.7
 150 161.1 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

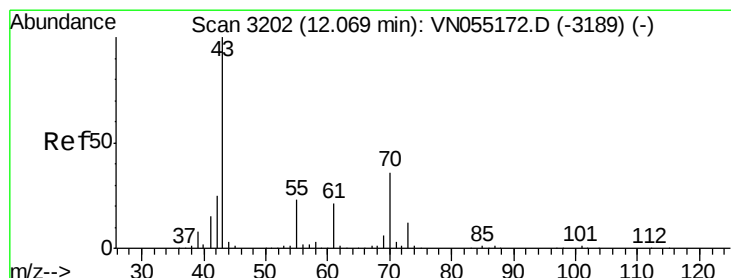
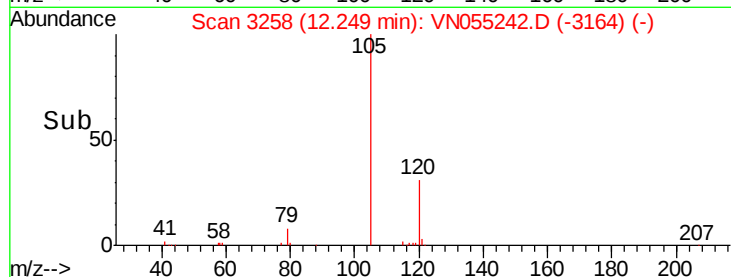
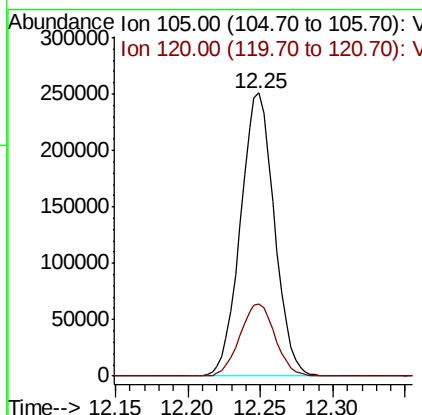
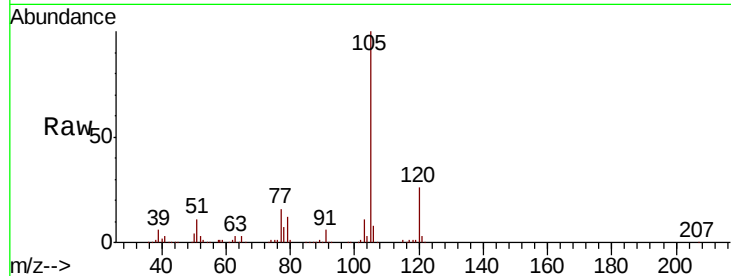




#73
Isopropylbenzene
Concen: 21.815 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

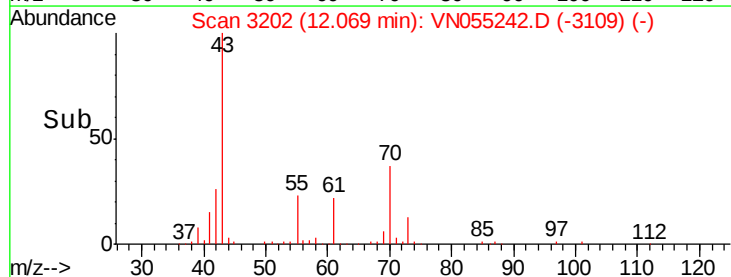
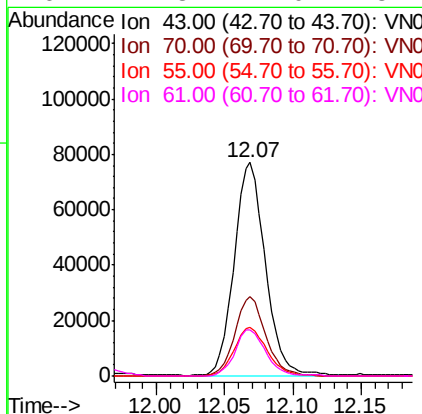
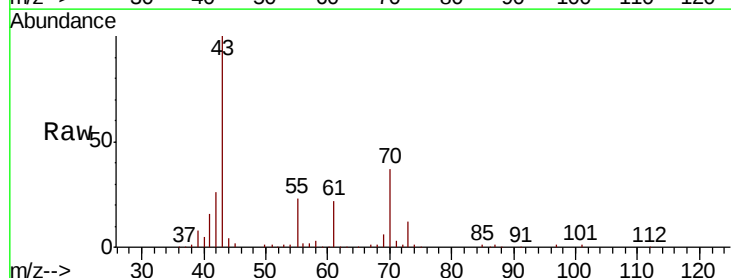
Instrument :
MSVOA_N
ClientSampled :
VN0425MBS01

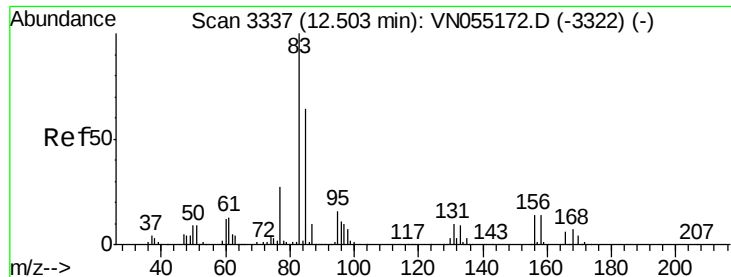
Tot Ion:105 Resp: 407057
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 21.487 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 43 Resp: 121567
Ion Ratio Lower Upper
43 100
70 36.9 29.0 43.6
55 24.1 18.5 27.7
61 21.8 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.981 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

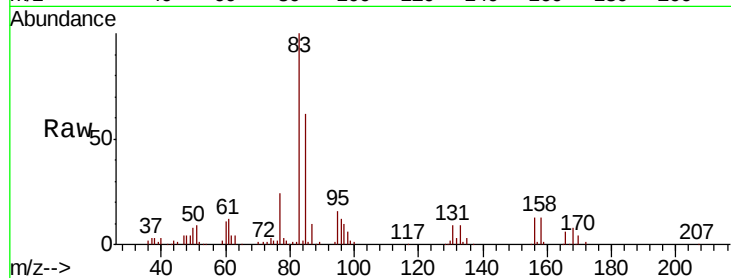
Tot Ion: 83 Resp: 108446

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

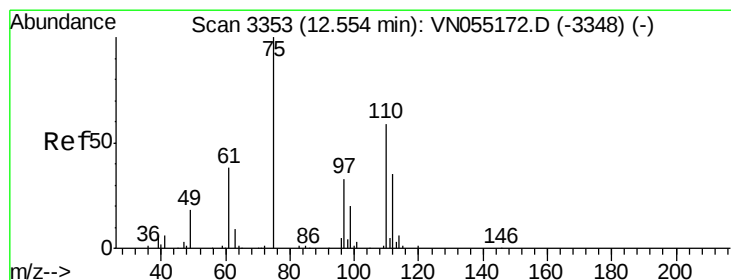
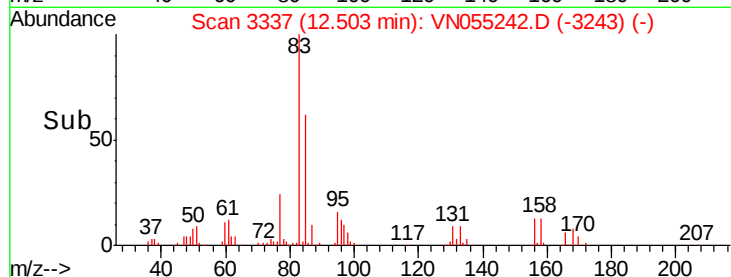
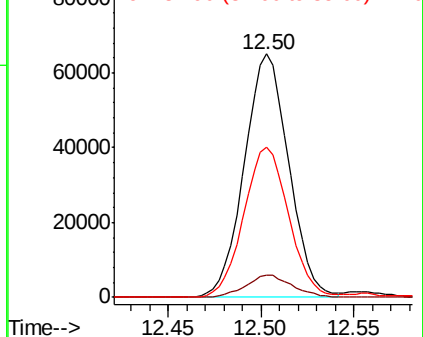
85 62.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.345 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055242.D

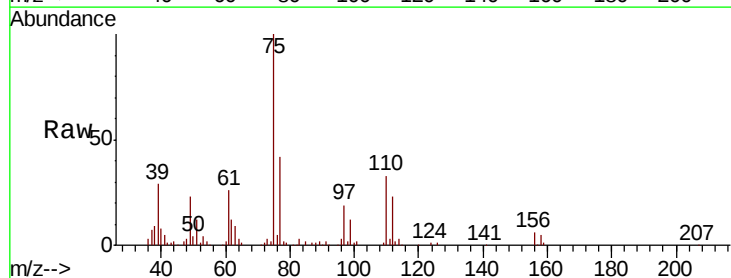
Acq: 25 Apr 2019 13:27

Tgt Ion: 75 Resp: 121735

Ion Ratio Lower Upper

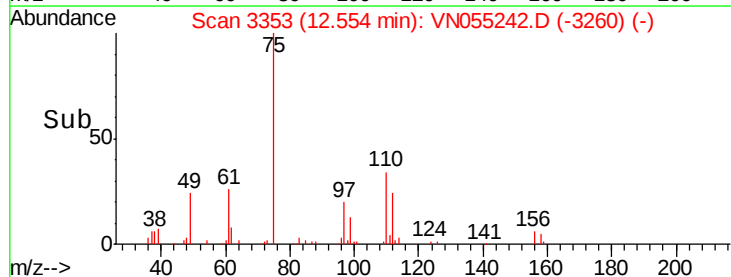
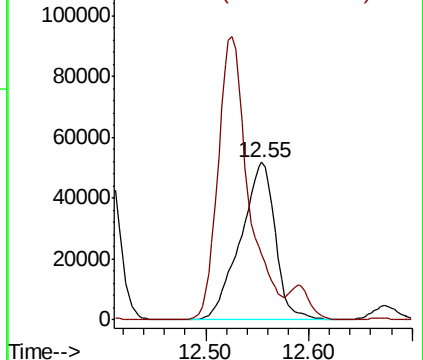
75 100

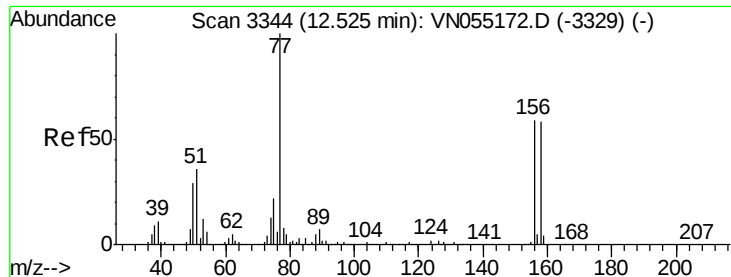
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.170 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

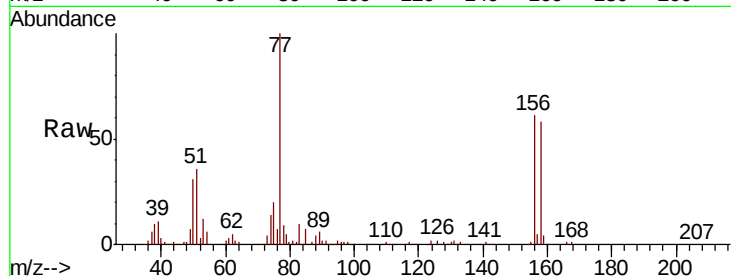
Tot Ion:156 Resp: 97713

Ion Ratio Lower Upper

156 100

77 196.9 98.0 293.9

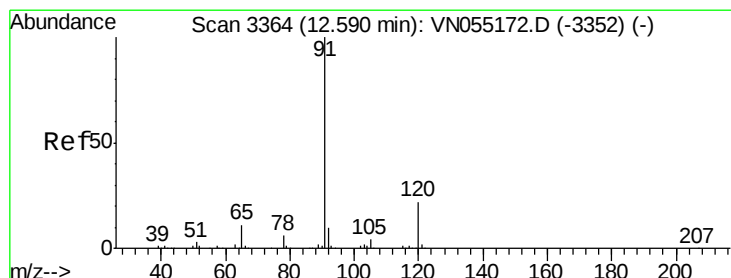
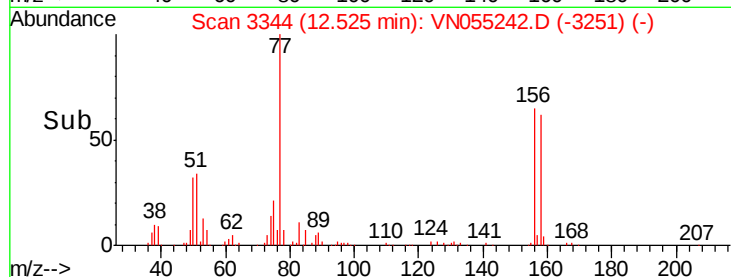
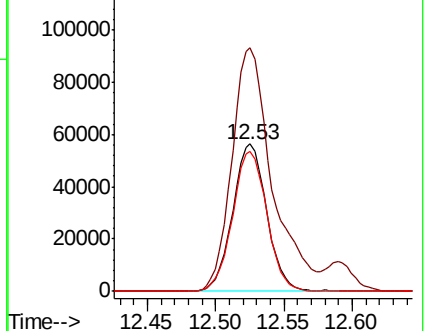
158 95.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.910 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055242.D

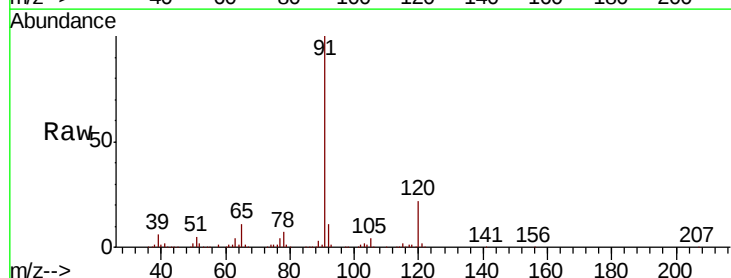
Acq: 25 Apr 2019 13:27

Tgt Ion: 91 Resp: 438149

Ion Ratio Lower Upper

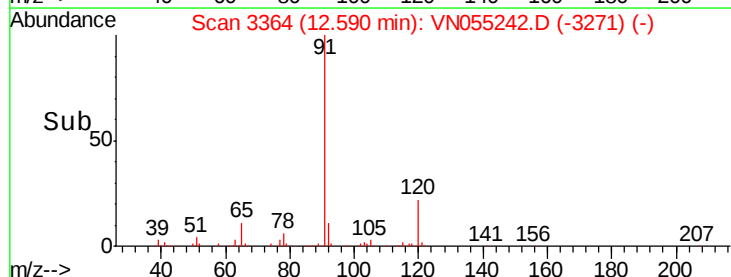
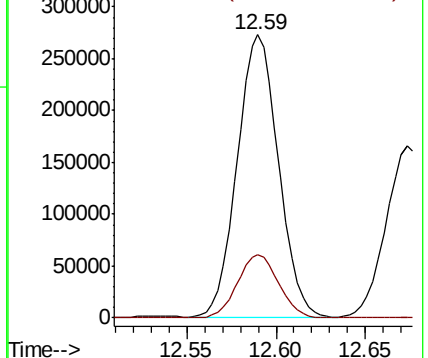
91 100

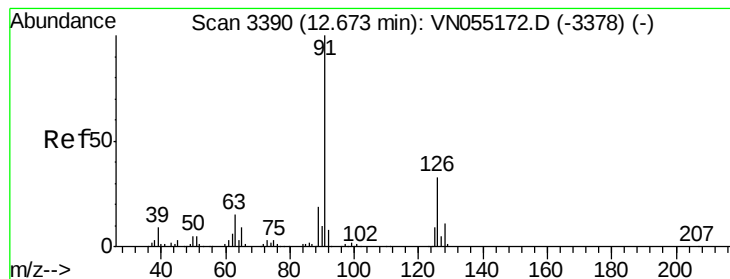
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.922 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

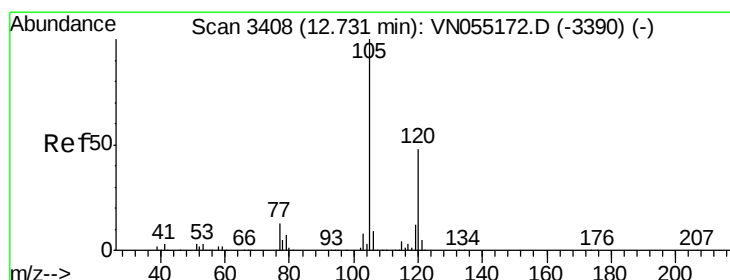
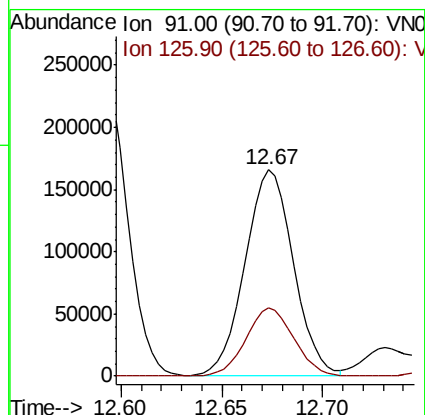
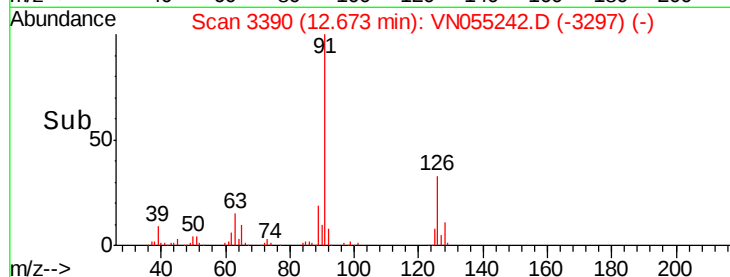
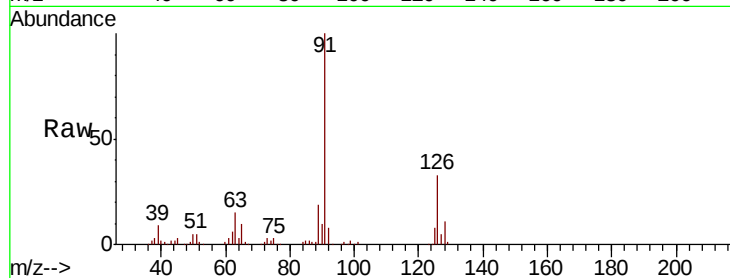
VN0425MBS01

Tot Ion: 91 Resp: 276843

Ion Ratio Lower Upper

91 100

126 33.1 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.313 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055242.D

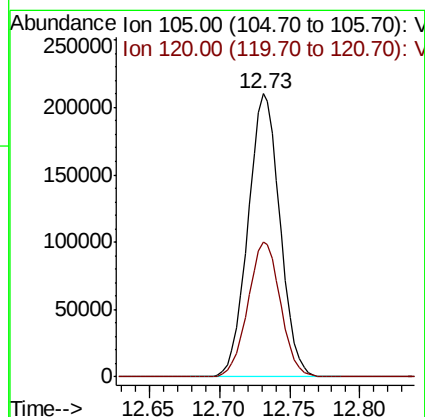
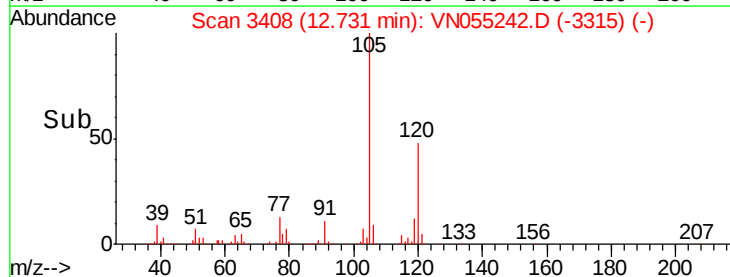
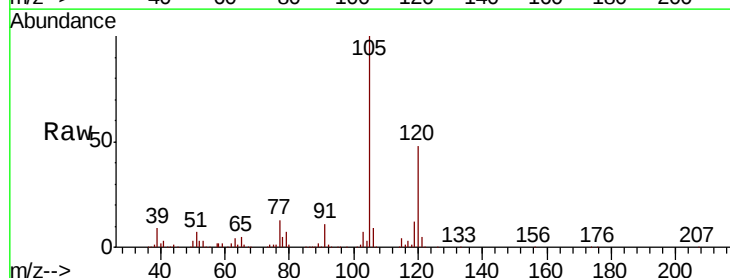
Acq: 25 Apr 2019 13:27

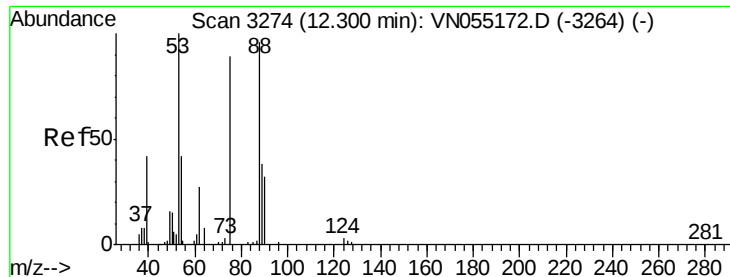
Tgt Ion: 105 Resp: 333684

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

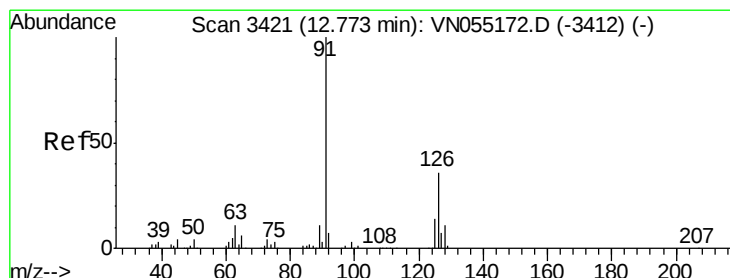
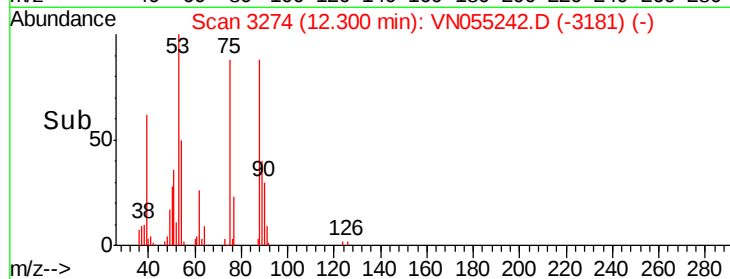
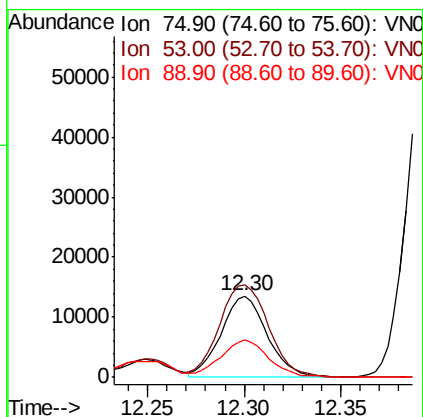
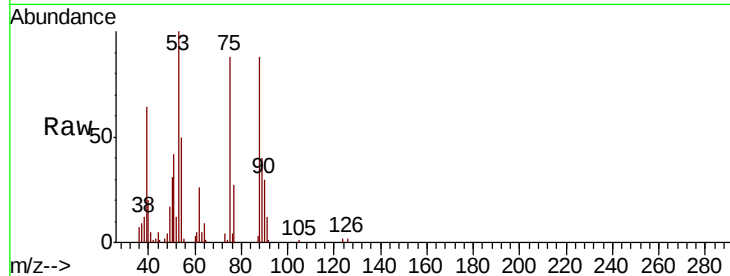




#81
trans-1,4-Dichloro-2-butene
Concen: 19.129 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

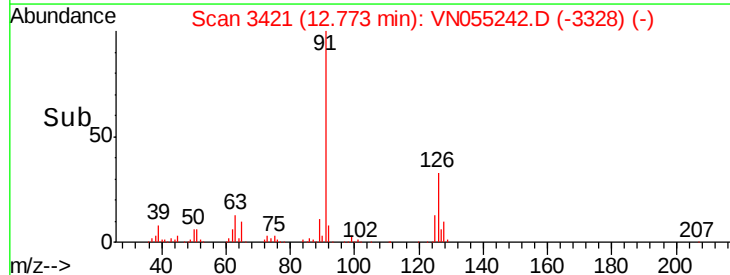
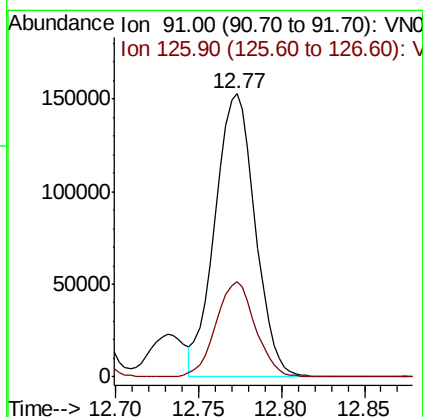
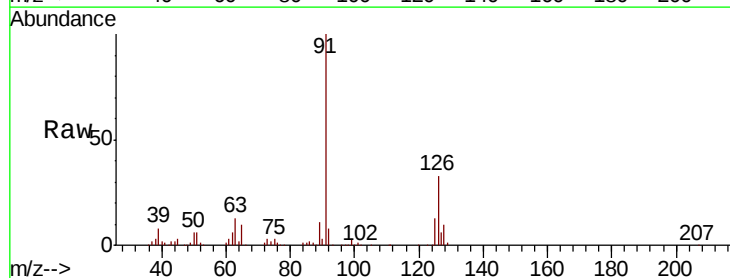
Instrument :
MSVOA_N
ClientSampleId :
VN0425MBS01

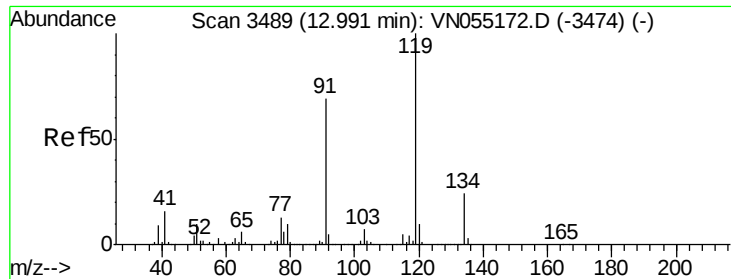
Tot Ion: 75 Resp: 22465
Ion Ratio Lower Upper
75 100
53 120.3 90.1 135.1
89 47.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.039 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion: 91 Resp: 256201
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

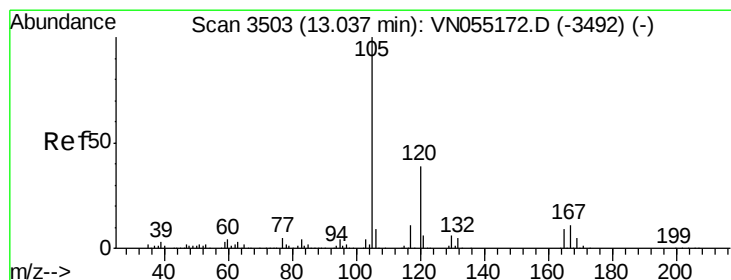
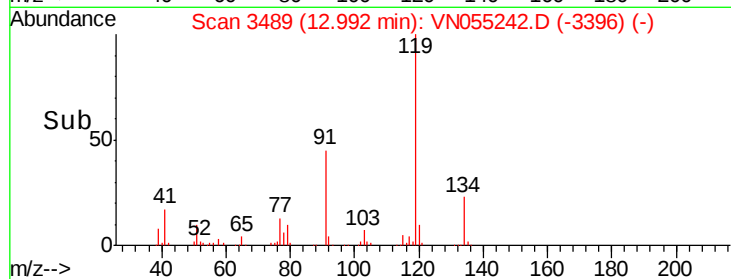
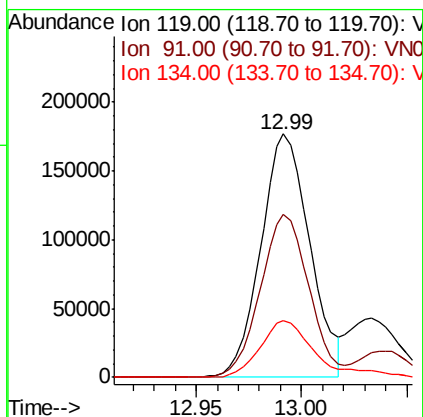
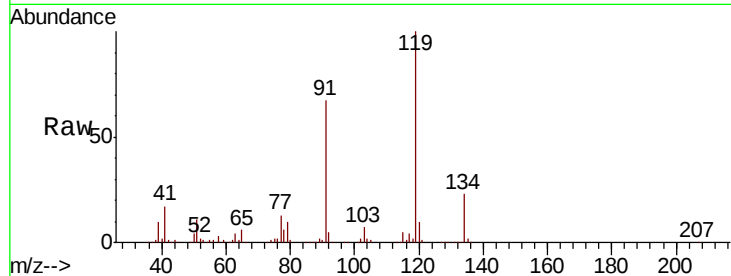




#83
tert-Butylbenzene
Concen: 21.921 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

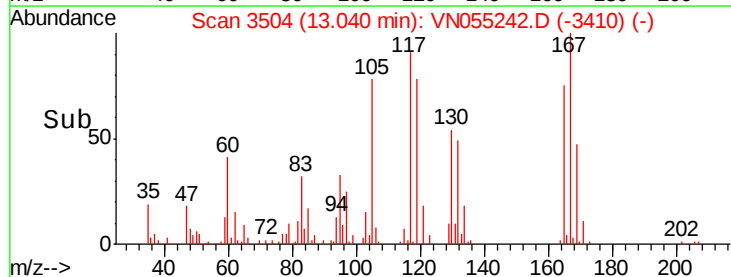
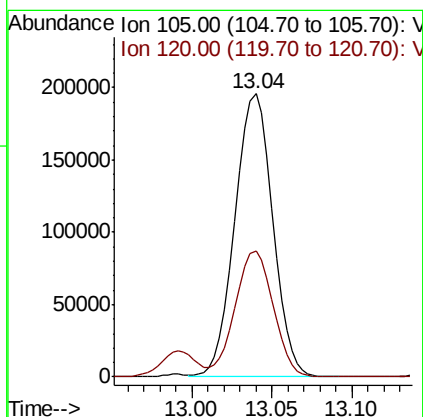
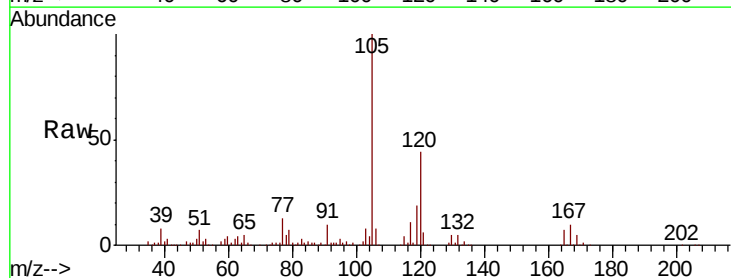
Instrument :
MSVOA_N
ClientSampleId :
VN0425MBS01

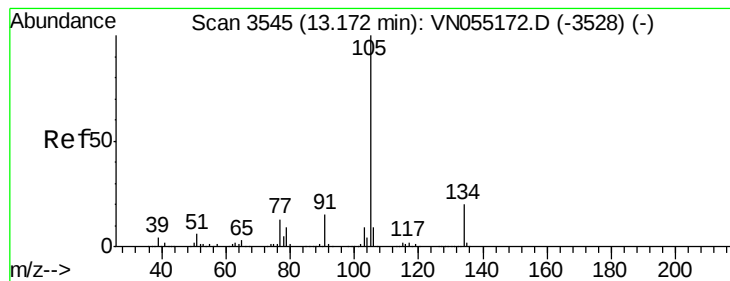
Tot Ion:119 Resp: 285828
Ion Ratio Lower Upper
119 100
91 66.5 33.8 101.3
134 26.3 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.294 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055242.D
Acq: 25 Apr 2019 13:27

Tgt Ion:105 Resp: 314604
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.398 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

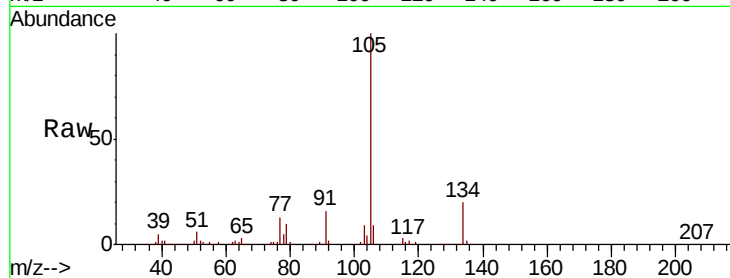
VN0425MBS01

Tot Ion:105 Resp: 360503

Ion Ratio Lower Upper

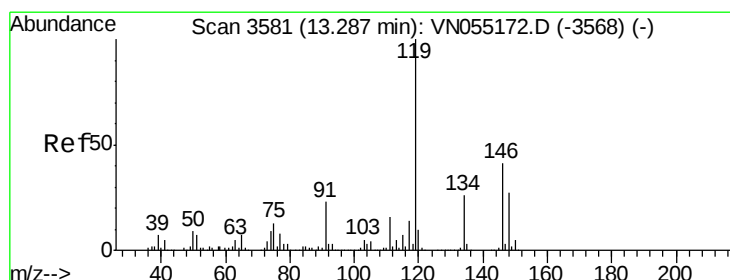
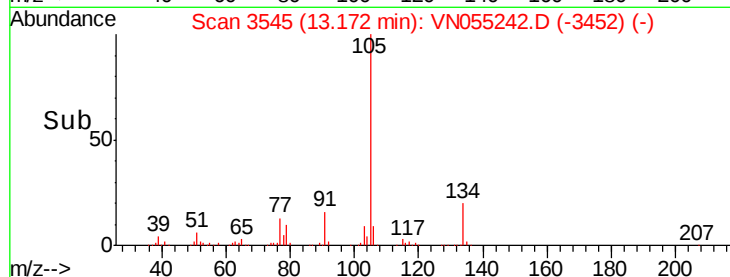
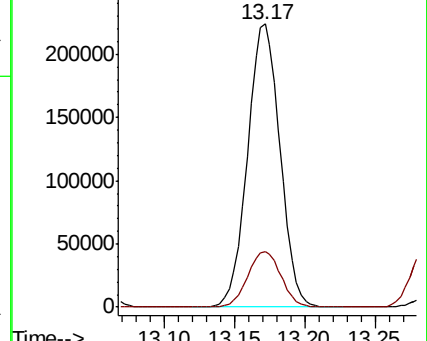
105 100

134 20.1 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.224 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

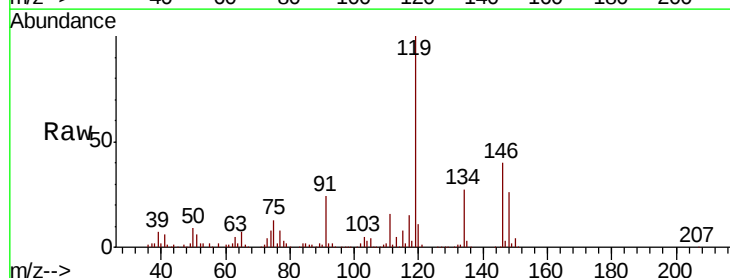
Tgt Ion:119 Resp: 309648

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

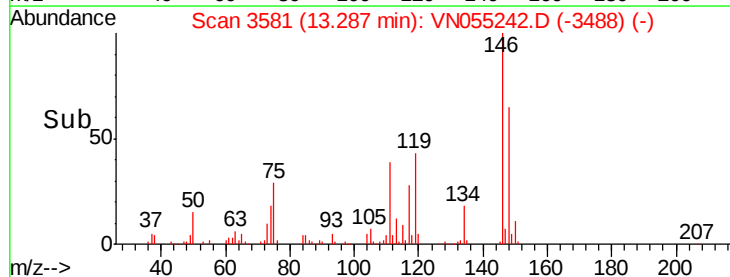
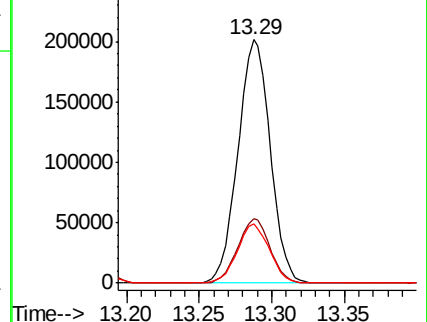
91 24.3 11.8 35.3

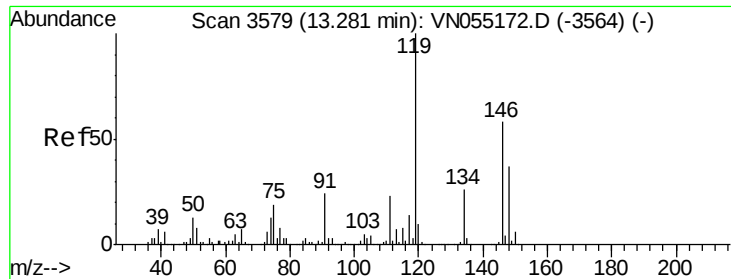


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.385 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

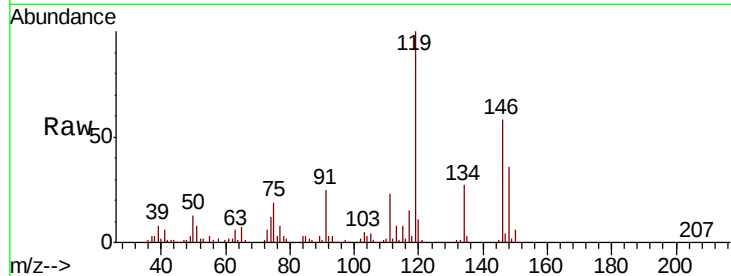
Tot Ion:146 Resp: 151595

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

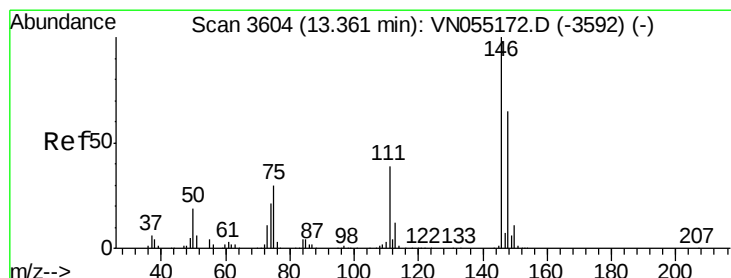
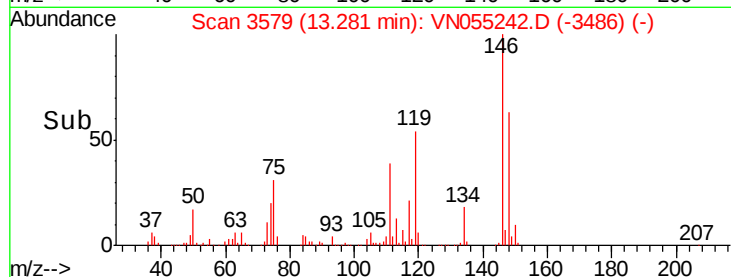
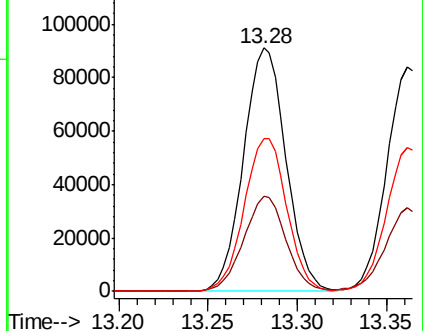
148 63.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.714 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

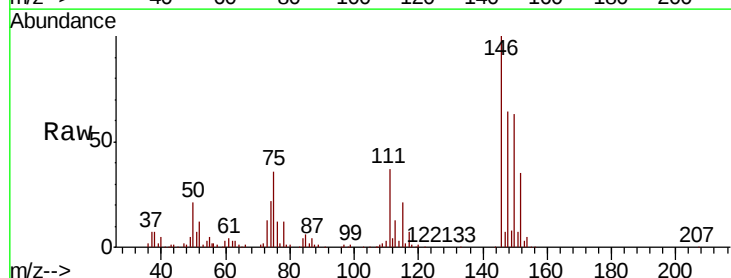
Tgt Ion:146 Resp: 142736

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.2

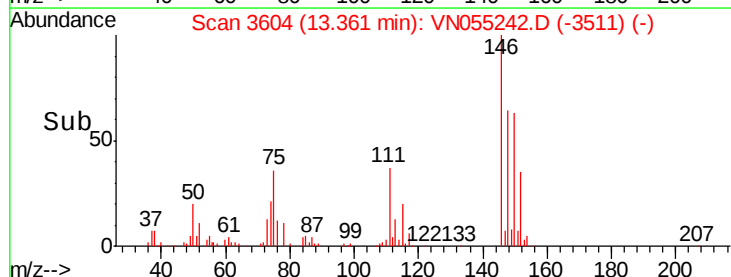
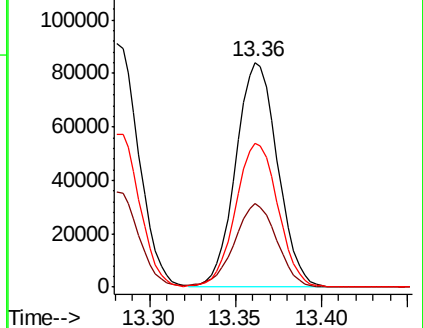
148 64.7 32.9 98.6

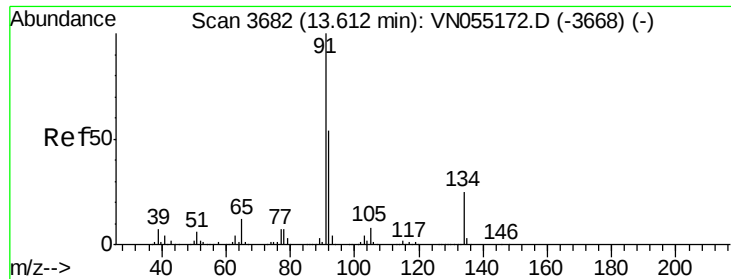


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.080 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

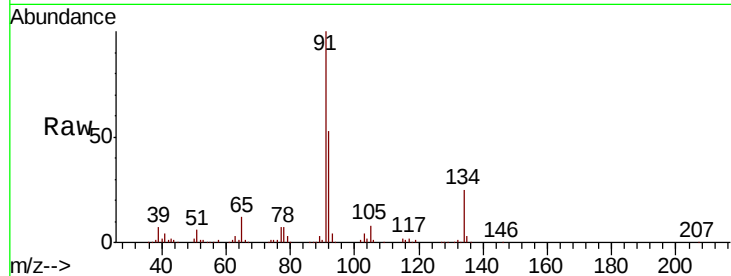
Tot Ion: 91 Resp: 227879

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

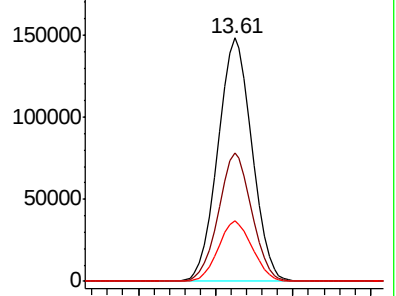
134 24.7 12.8 38.4



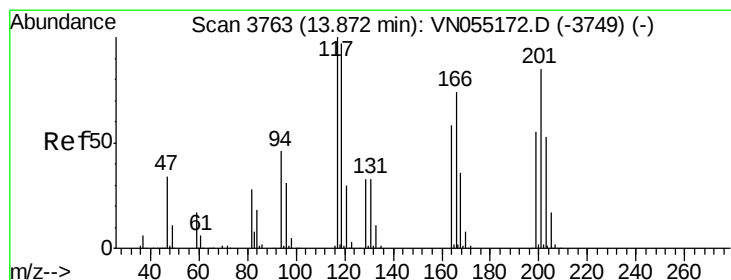
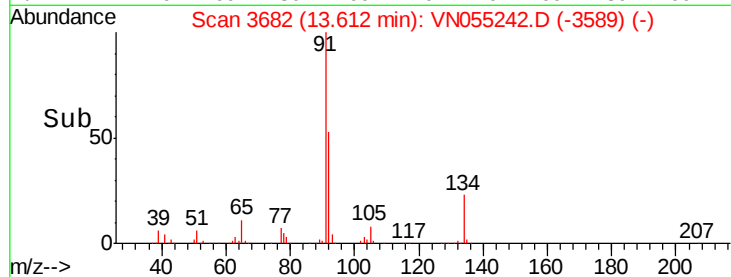
Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055172.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055172.D (-3668) (-)



Time-->



#90

Hexachloroethane

Concen: 18.683 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055242.D

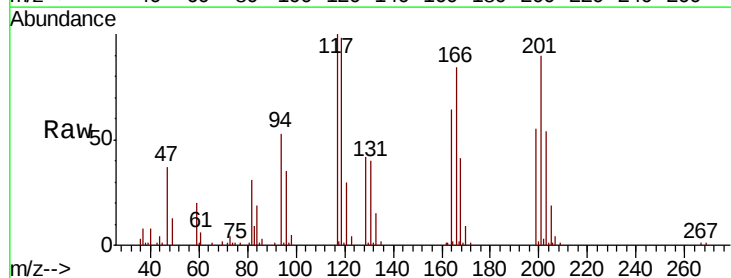
Acq: 25 Apr 2019 13:27

Tgt Ion: 117 Resp: 50733

Ion Ratio Lower Upper

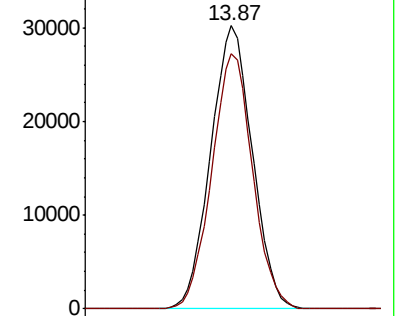
117 100

201 88.3 43.1 129.4

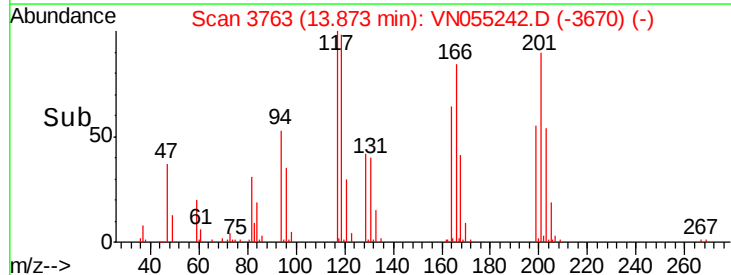


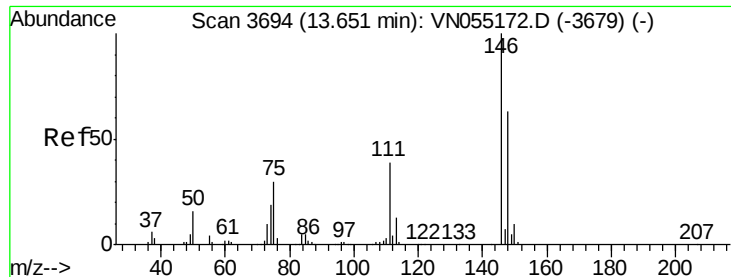
Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055172.D (-3749) (-)



Time-->





#91

1,2-Dichlorobenzene

Concen: 19.747 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

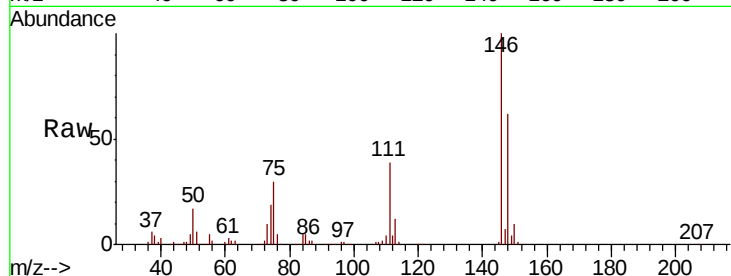
Tot Ion:146 Resp: 150837

Ion Ratio Lower Upper

146 100

111 41.1 19.8 59.3

148 62.7 31.7 95.1

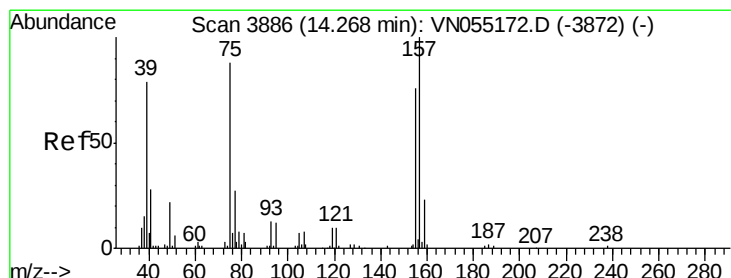
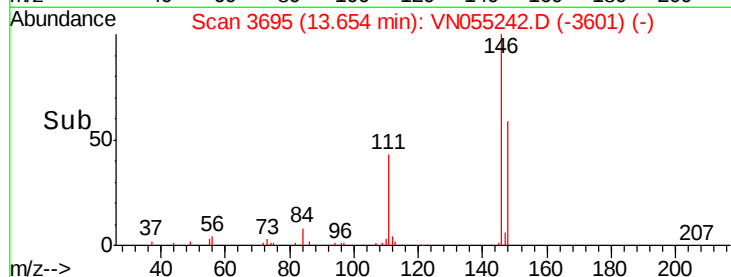
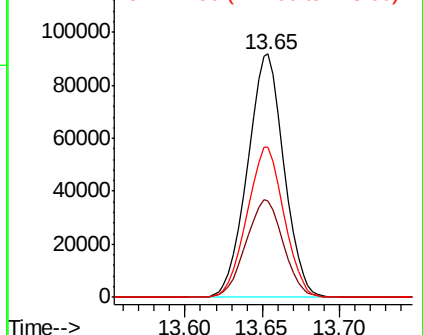


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.056 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

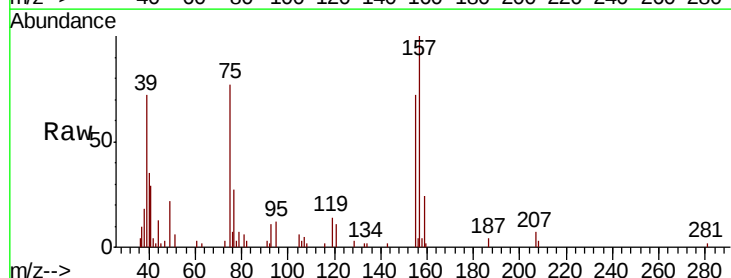
Tgt Ion: 75 Resp: 12698

Ion Ratio Lower Upper

75 100

155 88.1 43.0 129.0

157 124.6 55.7 167.1

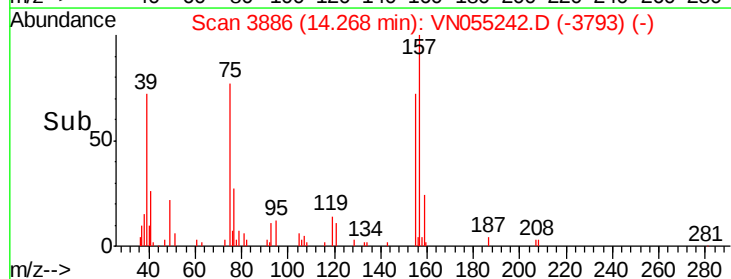
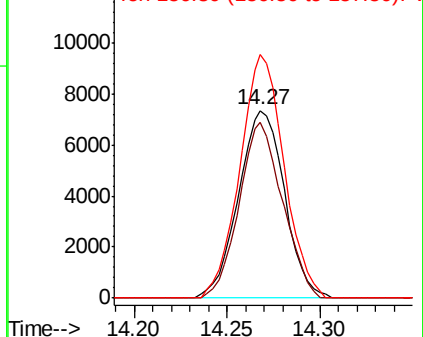


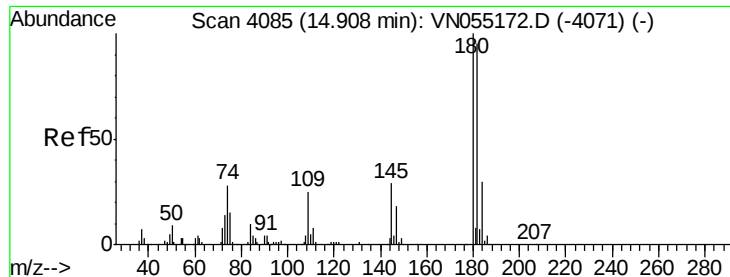
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

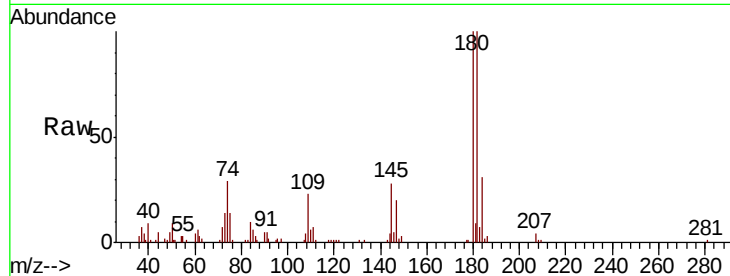




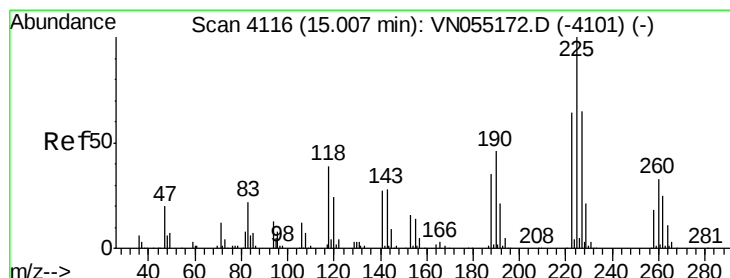
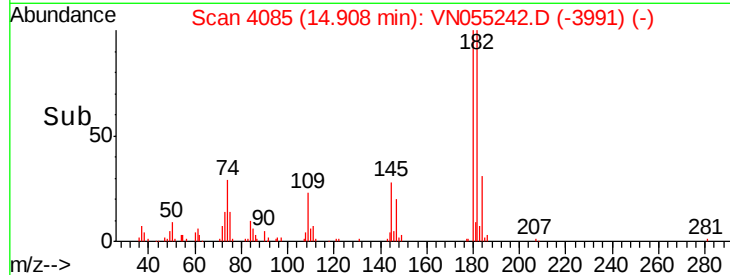
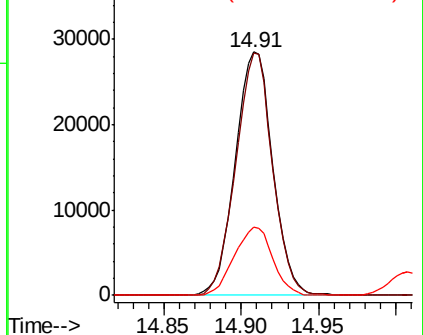
#93
 1,2,4-Trichlorobenzene
 Concen: 16.815 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

Tot Ion:180 Resp: 48060
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.8 143.4
 145 28.6 14.5 43.5

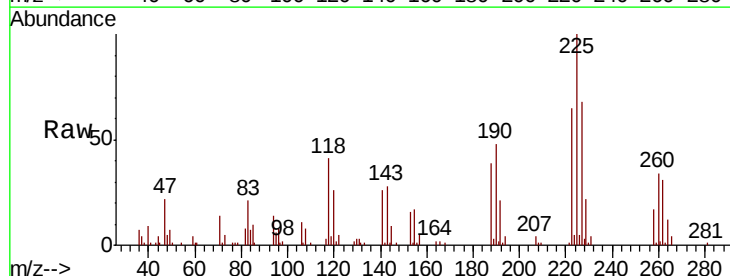


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

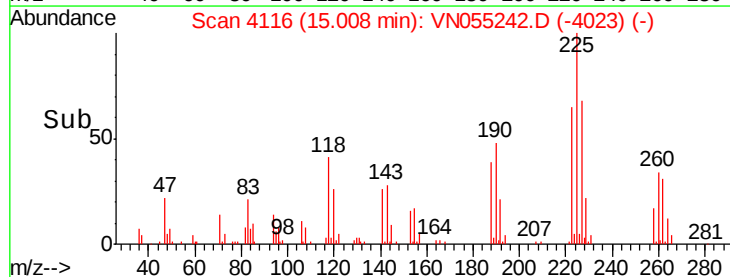
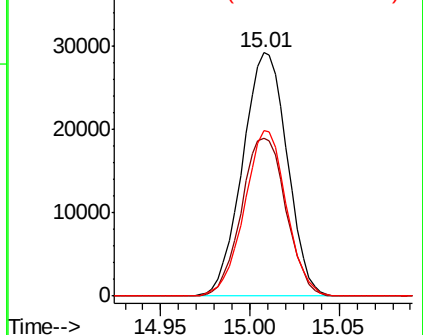


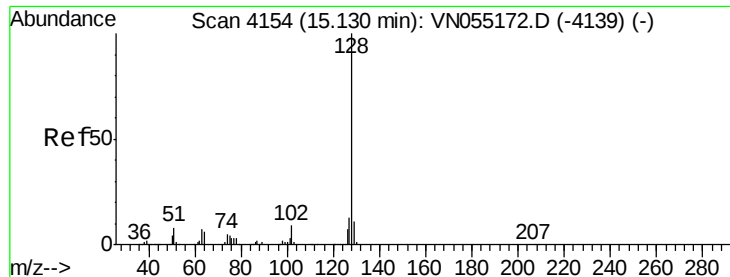
#94
 Hexachlorobutadiene
 Concen: 21.653 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055242.D
 Acq: 25 Apr 2019 13:27

Tgt Ion:225 Resp: 51070
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.2 96.6
 227 63.9 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.429 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

VN0425MBS01

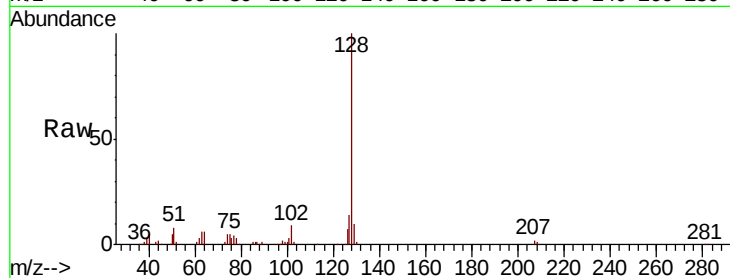
Tot Ion:128 Resp: 106233

Ion Ratio Lower Upper

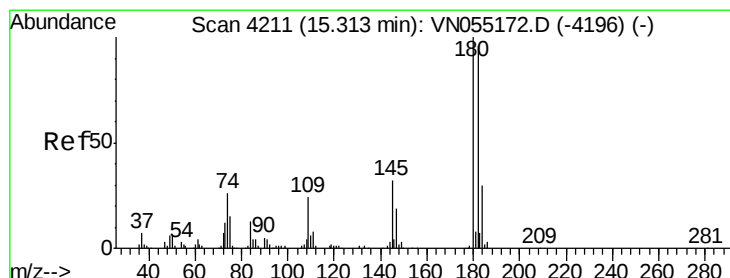
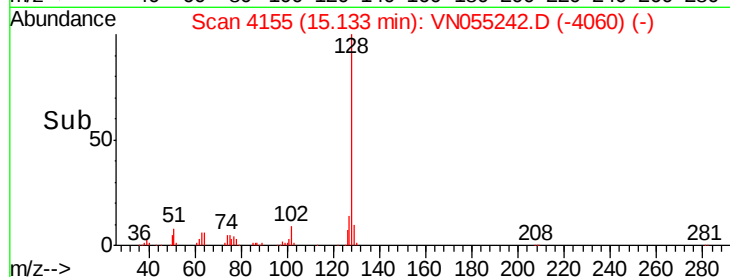
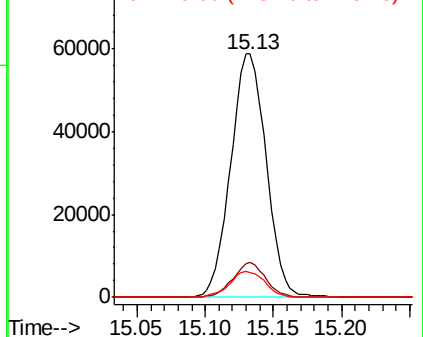
128 100

127 13.3 10.3 15.5

129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.278 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055242.D

Acq: 25 Apr 2019 13:27

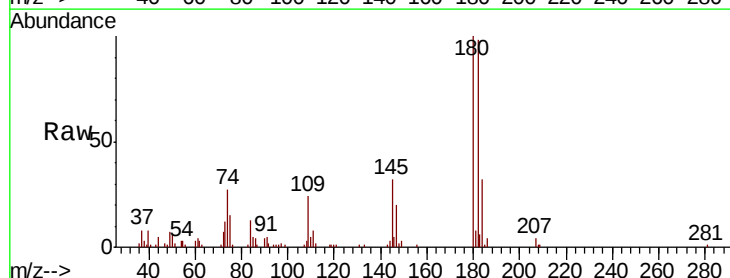
Tgt Ion:180 Resp: 50722

Ion Ratio Lower Upper

180 100

182 97.9 47.2 141.6

145 34.0 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

