

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055239.D
 Acq On : 25 Apr 2019 11:40
 Operator : JC/SP
 Sample : VN0425WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Quant Time: Apr 26 02:16:34 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	415981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	664522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210330	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	284678	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	7.59	113	223607	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	829317	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	258390	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	114166	21.316	ug/l	96
3) Chloromethane	2.06	50	132940	20.256	ug/l	98
4) Vinyl Chloride	2.19	62	103671	19.714	ug/l	98
5) Bromomethane	2.56	94	59876	19.633	ug/l	98
6) Chloroethane	2.70	64	56337	20.326	ug/l	100
7) Trichlorofluoromethane	3.02	101	145931	20.392	ug/l	98
8) Diethyl Ether	3.41	74	51559	20.185	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	86517	19.374	ug/l	98
10) Methyl Iodide	3.96	142	127603	20.376	ug/l	100
11) Tert butyl alcohol	4.79	59	35999	109.516	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	85665	20.016	ug/l	97
13) Acrolein	3.61	56	39210	86.056	ug/l	99
14) Allyl chloride	4.33	41	175247	20.713	ug/l	98
15) Acrylonitrile	4.99	53	194600	107.947	ug/l	100
16) Acetone	3.82	43	164672	88.471	ug/l	97
17) Carbon Disulfide	4.06	76	227453	19.010	ug/l	100
18) Methyl Acetate	4.33	43	97659	23.827	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	248608	21.010	ug/l	99
20) Methylene Chloride	4.55	84	103862	19.410	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	90345	20.131	ug/l	98
22) Diisopropyl ether	5.95	45	346346	20.537	ug/l	93
23) Vinyl Acetate	5.90	43	1233193	108.816	ug/l	100
24) 1,1-Dichloroethane	5.85	63	183349	20.212	ug/l	98
25) 2-Butanone	6.84	43	237530	98.847	ug/l	100
26) 2,2-Dichloropropane	6.83	77	123657	20.144	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	104414	20.183	ug/l	99
28) Bromochloromethane	7.19	49	95308	20.611	ug/l	99
29) Tetrahydrofuran	7.21	42	161123	109.053	ug/l	98
30) Chloroform	7.37	83	174076	20.174	ug/l	95
31) Cyclohexane	7.66	56	171135	19.354	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	141696	20.440	ug/l	99
36) 1,1-Dichloropropene	7.79	75	125949	20.420	ug/l	99
37) Ethyl Acetate	6.93	43	105229	21.140	ug/l	98
38) Carbon Tetrachloride	7.77	117	120973	20.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	138083	18.766	ug/l	99
40) Benzene	8.04	78	392093	20.594	ug/l	99
41) Methacrylonitrile	7.18	41	59842	22.931	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	135500	20.400	ug/l	100
43) Isopropyl Acetate	8.17	43	181743	22.548	ug/l	98
44) Trichloroethene	8.83	130	98655	20.501	ug/l	100
45) 1,2-Dichloropropane	9.12	63	107373	19.978	ug/l	99
46) Dibromomethane	9.21	93	63120	20.516	ug/l	97
47) Bromodichloromethane	9.40	83	129145	20.968	ug/l	99
48) Methyl methacrylate	9.20	41	79014	20.209	ug/l	97
49) 1,4-Dioxane	9.20	88	18408	407.683	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	497427	107.246	ug/l	99
52) Toluene	10.16	92	227239	20.359	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	118709	21.002	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	146561	20.895	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	85180	20.700	ug/l	98
56) Ethyl methacrylate	10.43	69	110540	21.564	ug/l	99
57) 1,3-Dichloropropane	10.71	76	150076	20.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	148385	83.014	ug/l	99
59) 2-Hexanone	10.75	43	306037	104.460	ug/l	99
60) Dibromochloromethane	10.90	129	87375	20.615	ug/l	99
61) 1,2-Dibromoethane	11.01	107	81550	21.078	ug/l	100
64) Tetrachloroethene	10.63	164	91232	19.860	ug/l	99
65) Chlorobenzene	11.43	112	230719	20.073	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	87061	20.437	ug/l	98
67) Ethyl Benzene	11.51	91	415432	20.291	ug/l	99
68) m/p-Xylenes	11.62	106	296534	40.382	ug/l	98
69) o-Xylene	11.95	106	146792	20.143	ug/l	100
70) Styrene	11.96	104	239435	21.196	ug/l	99
71) Bromoform	12.13	173	52568	20.679	ug/l #	100
73) Isopropylbenzene	12.25	105	397909	22.295	ug/l	100
74) N-amyl acetate	12.07	43	117092	21.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	104600	23.143	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	121727	28.527	ug/l #	100
77) Bromobenzene	12.53	156	93145	20.060	ug/l	98
78) n-propylbenzene	12.59	91	422824	20.045	ug/l	100
79) 2-Chlorotoluene	12.67	91	267387	20.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	323314	20.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	23267	20.670	ug/l	93
82) 4-Chlorotoluene	12.77	91	245831	20.060	ug/l	100
83) tert-Butylbenzene	12.99	119	275576	22.064	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	301581	20.297	ug/l	100
85) sec-Butylbenzene	13.17	105	354133	19.881	ug/l	98
86) p-Isopropyltoluene	13.29	119	294799	20.088	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	142839	20.039	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	137361	19.793	ug/l	99
89) n-Butylbenzene	13.61	91	204859	18.833	ug/l	99
90) Hexachloroethane	13.87	117	50643	19.458	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	148131	20.233	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13114	20.533	ug/l	97

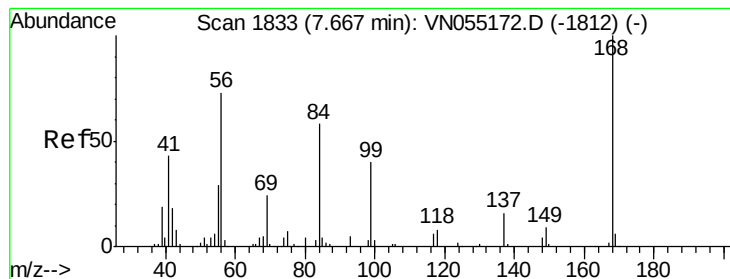
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47086	17.127	ug/l	97
94) Hexachlorobutadiene	15.01	225	49371	21.860	ug/l	98
95) Naphthalene	15.13	128	96822	16.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47611	16.964	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

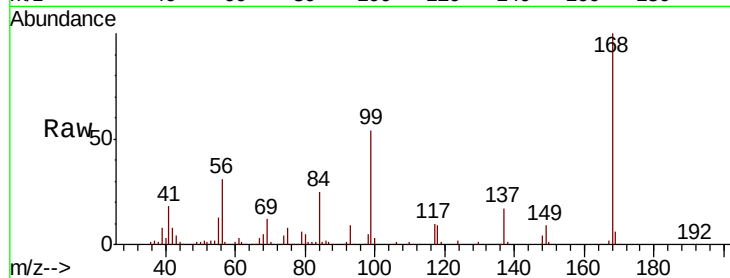
VN0425WBSD01

Tot Ion:168 Resp: 415981

Ion Ratio Lower Upper

168 100

99 53.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

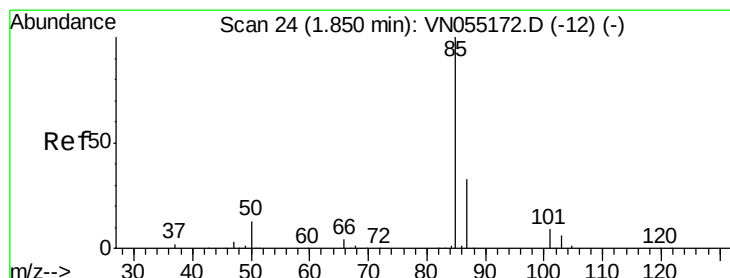
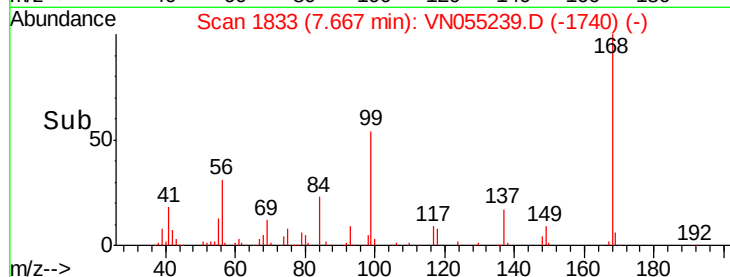
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.316 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055239.D

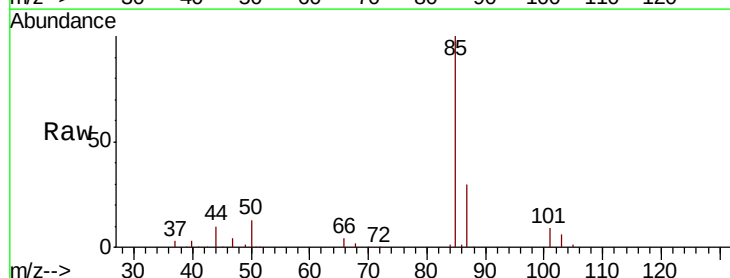
Acq: 25 Apr 2019 11:40

Tgt Ion: 85 Resp: 114166

Ion Ratio Lower Upper

85 100

87 30.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

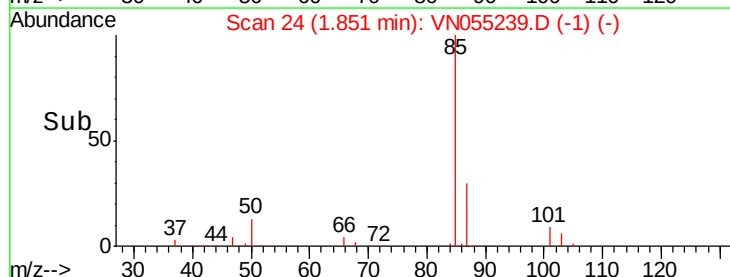
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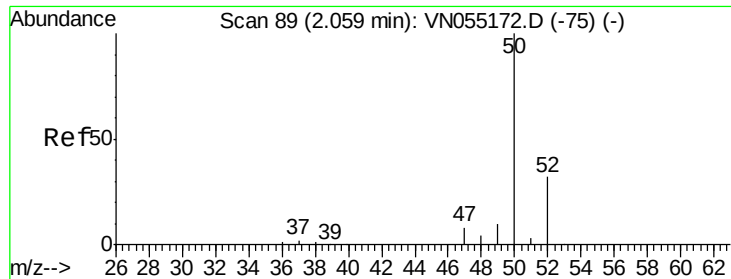
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.256 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

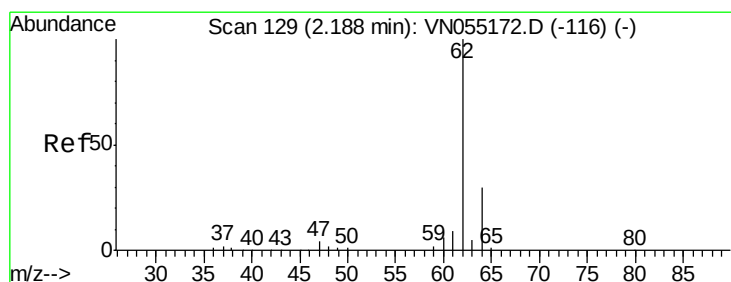
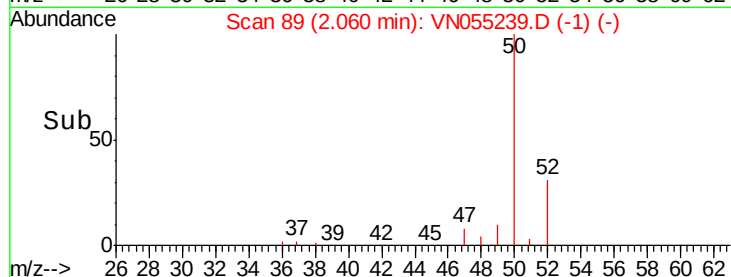
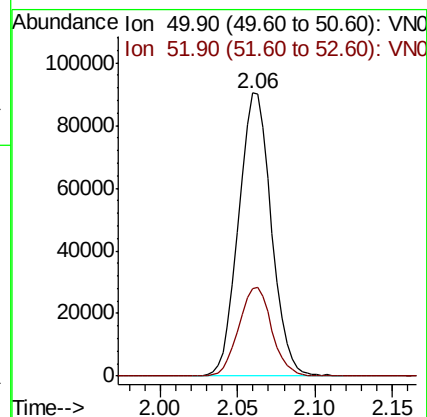
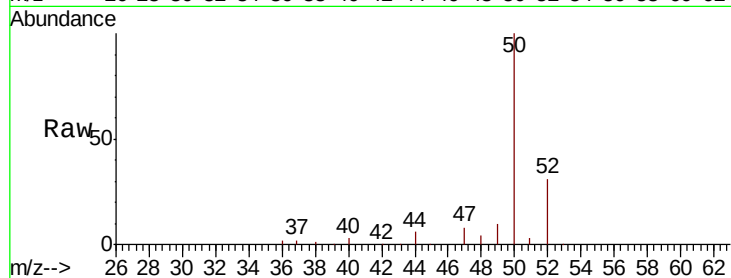
VN0425WBSD01

Tot Ion: 50 Resp: 132940

Ion Ratio Lower Upper

50 100

52 31.0 25.8 38.6



#4

Vinyl Chloride

Concen: 19.714 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055239.D

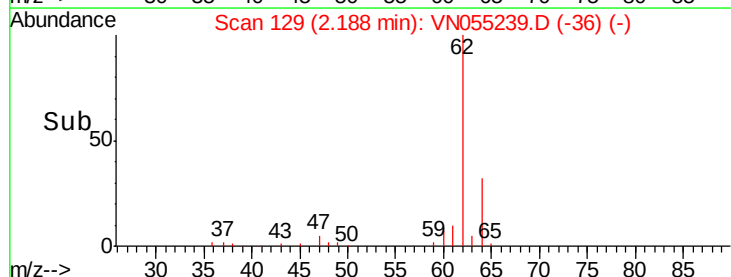
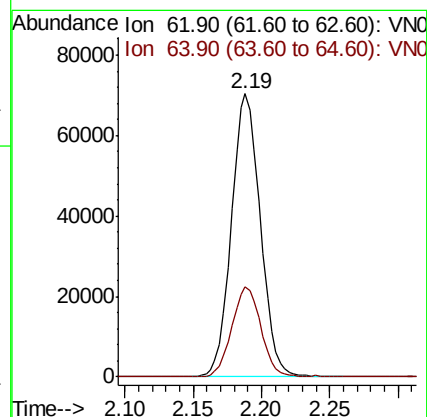
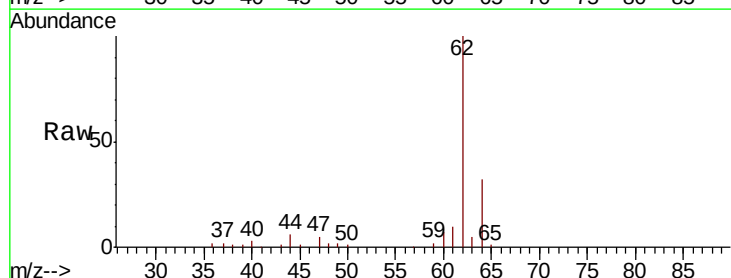
Acq: 25 Apr 2019 11:40

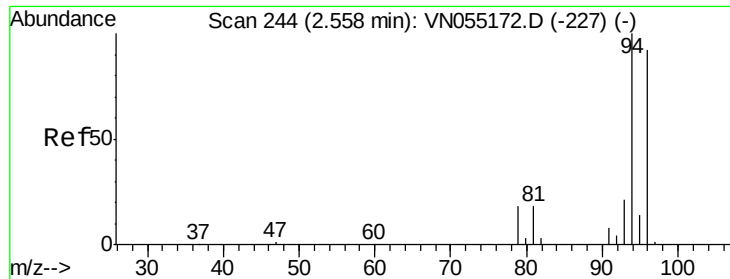
Tgt Ion: 62 Resp: 103671

Ion Ratio Lower Upper

62 100

64 31.6 24.2 36.4

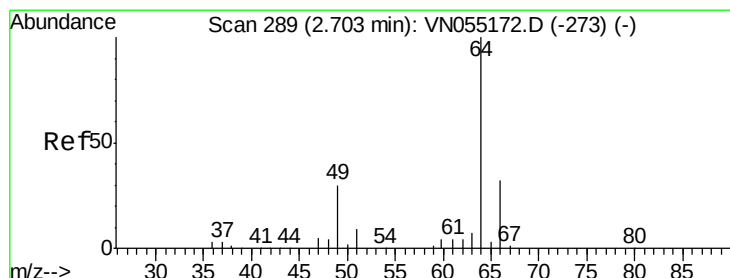
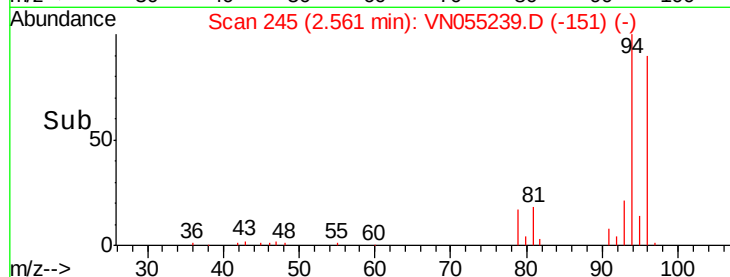
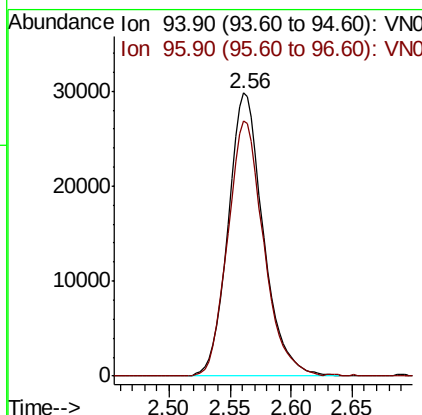
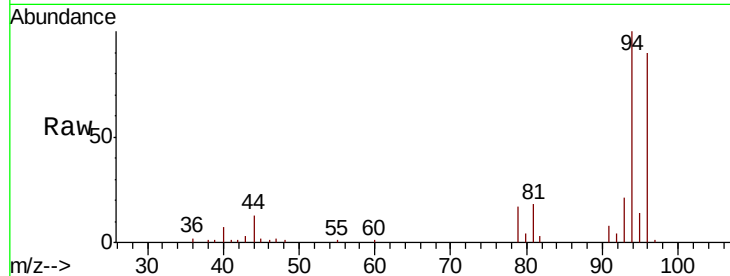




#5
Bromomethane
Concen: 19.633 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

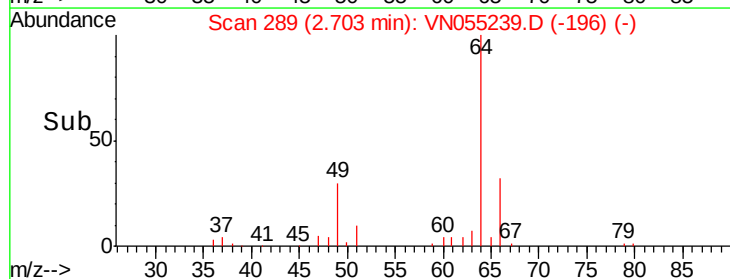
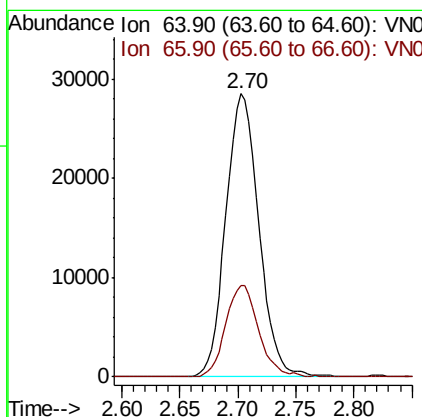
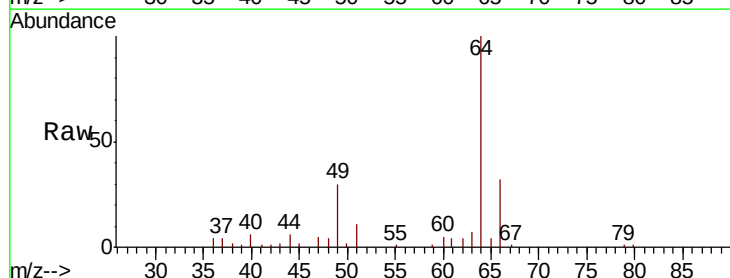
Instrument :
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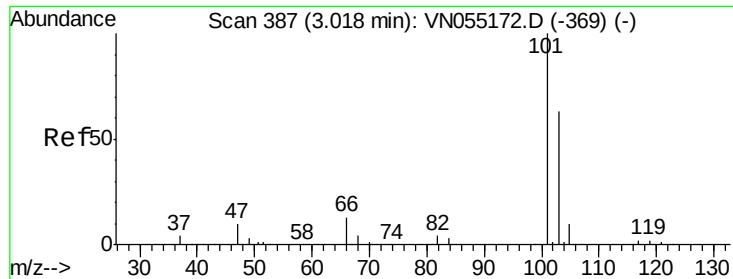
Tot Ion: 94 Resp: 59876
Ion Ratio Lower Upper
94 100
96 90.0 73.4 110.2



#6
Chloroethane
Concen: 20.326 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 64 Resp: 56337
Ion Ratio Lower Upper
64 100
66 32.2 25.9 38.9



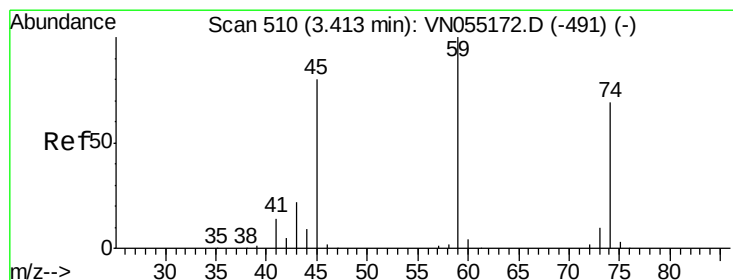
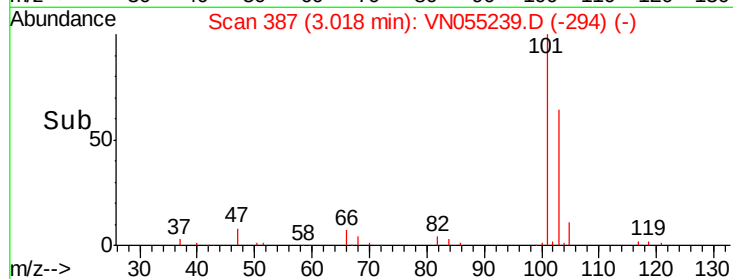
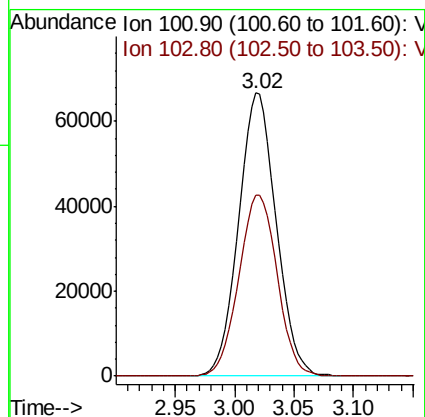
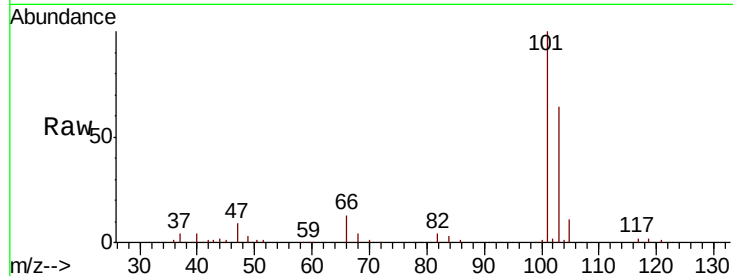


#7

Trichlorofluoromethane
Concen: 20.392 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

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MSVOA_N
ClientSampleId :
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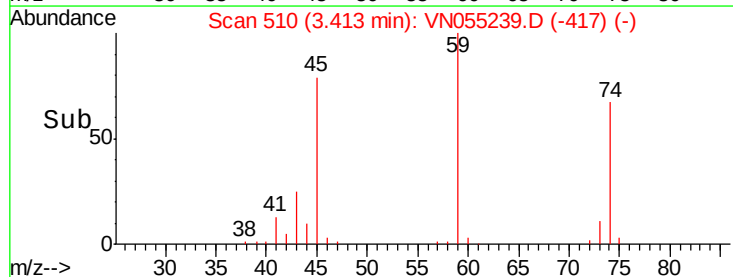
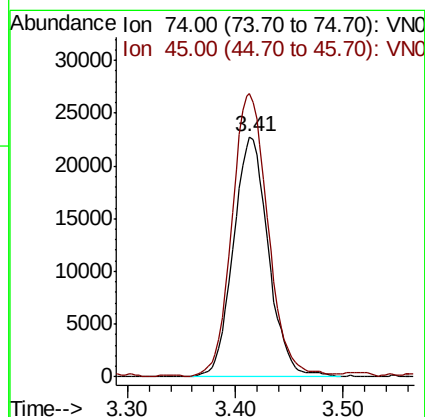
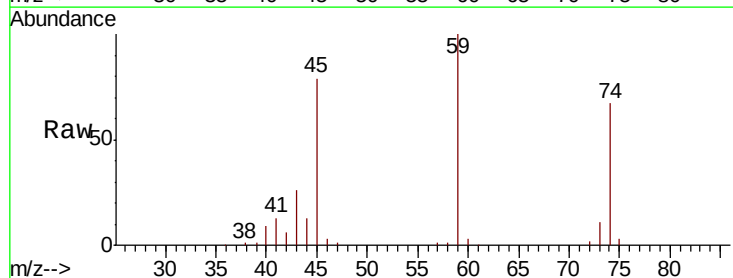
Tot Ion:101 Resp: 145931
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

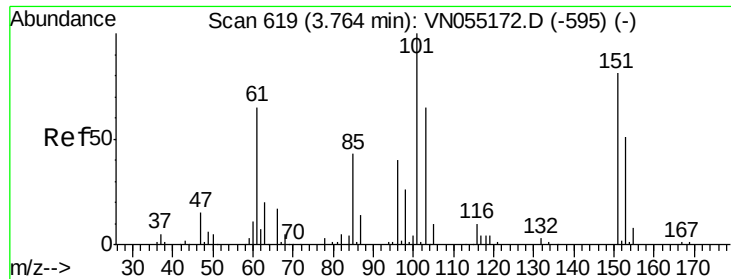


#8

Diethyl Ether
Concen: 20.185 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 74 Resp: 51559
Ion Ratio Lower Upper
74 100
45 120.9 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.374 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

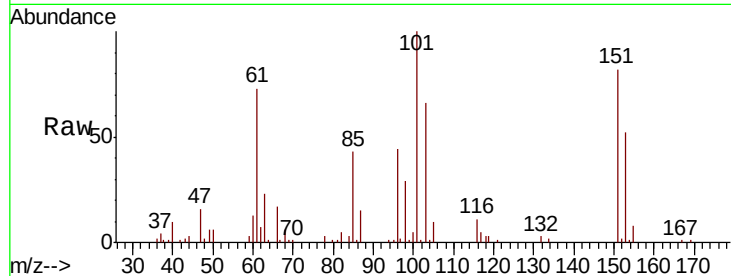
Tot Ion:101 Resp: 86517

Ion Ratio Lower Upper

101 100

85 44.3 34.9 52.3

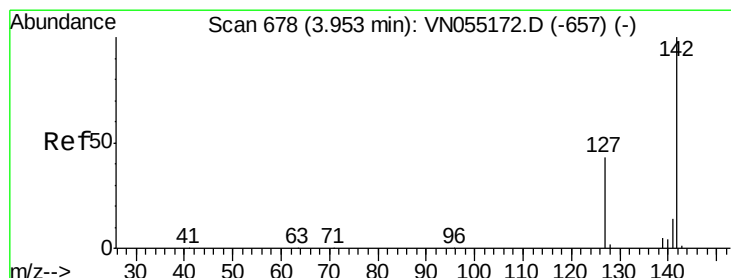
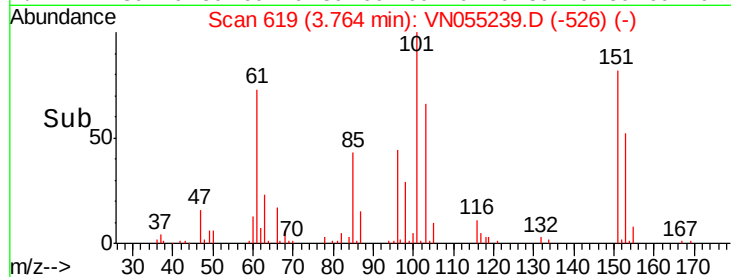
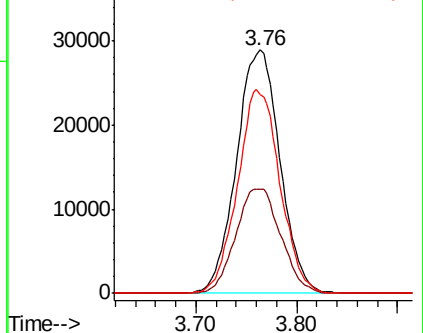
151 81.5 63.8 95.8



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: 20.376 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

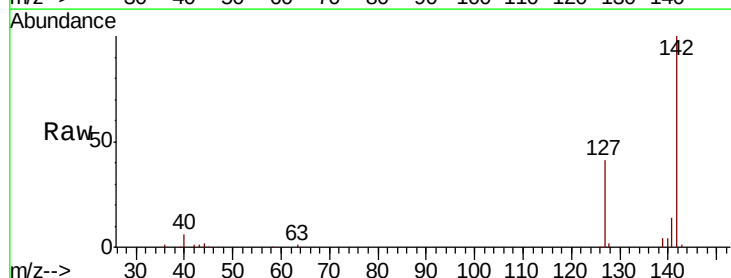
Tgt Ion:142 Resp: 127603

Ion Ratio Lower Upper

142 100

127 42.8 34.1 51.1

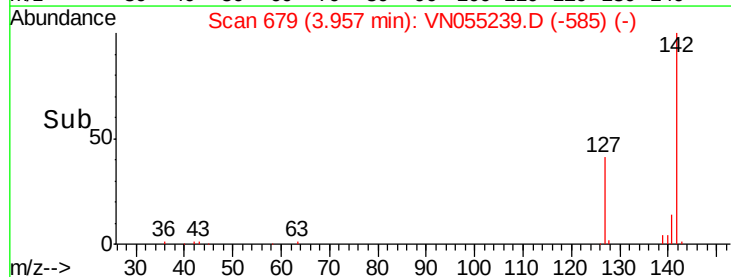
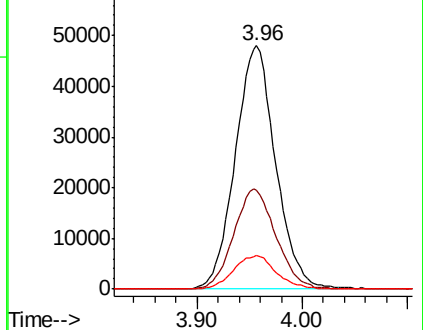
141 14.5 11.4 17.2

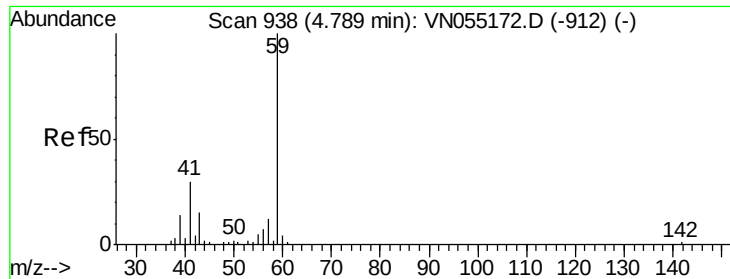


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

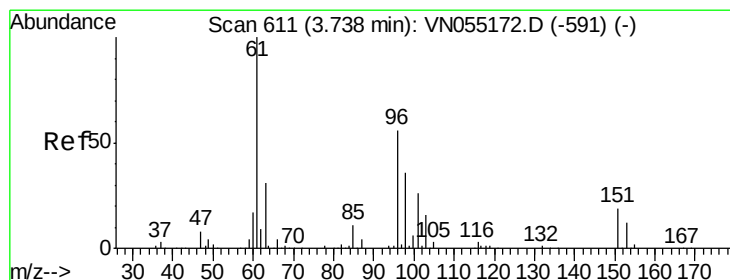
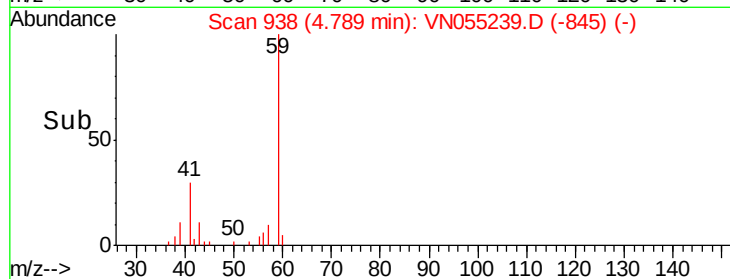
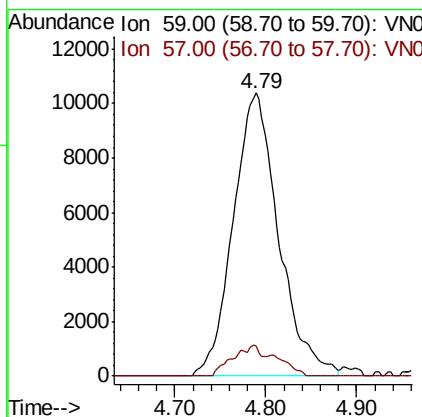
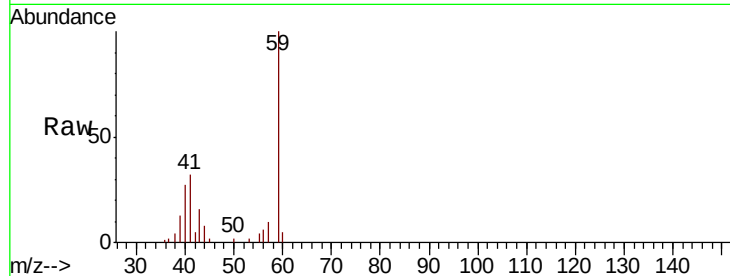




#11
Tert butyl alcohol
Concen: 109.516 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

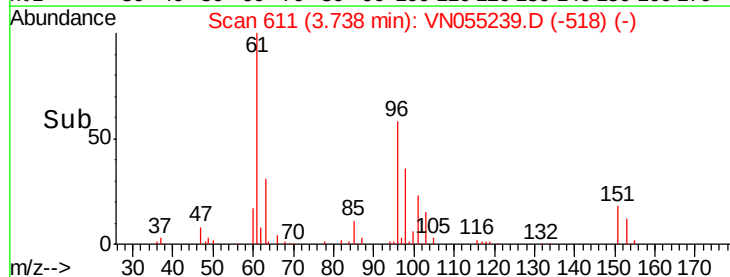
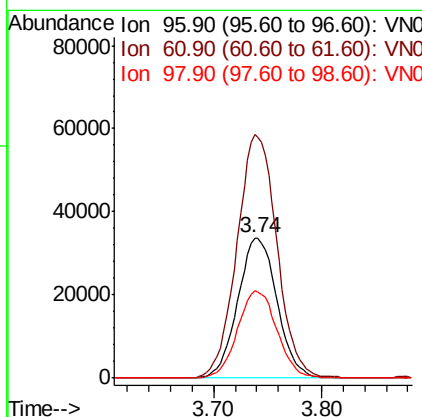
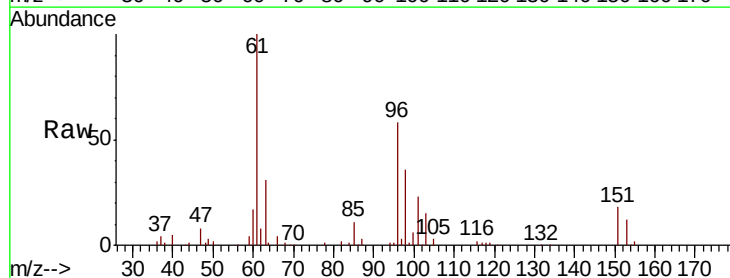
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

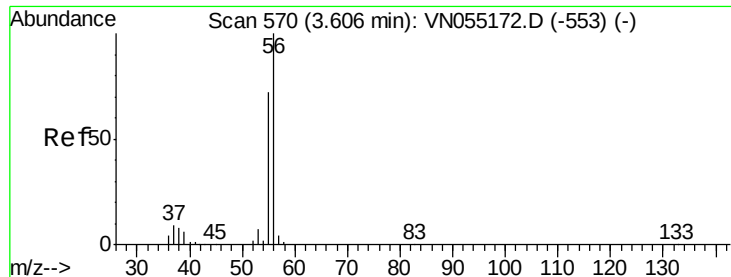
Tot Ion: 59 Resp: 35999
Ion Ratio Lower Upper
59 100
57 7.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 20.016 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 96 Resp: 85665
Ion Ratio Lower Upper
96 100
61 173.6 142.1 213.1
98 61.9 51.2 76.8





#13

Acrolein

Concen: 86.056 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

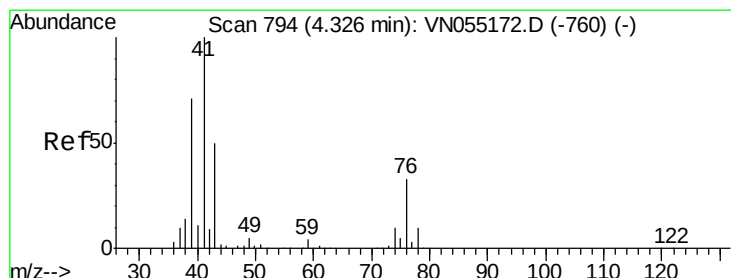
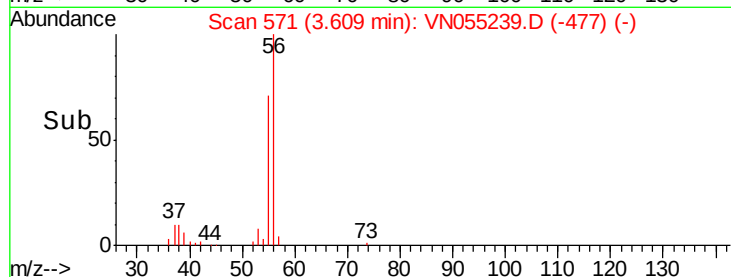
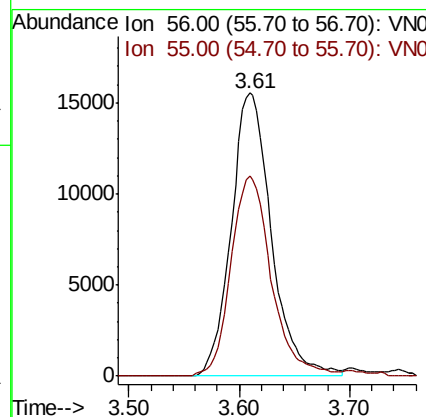
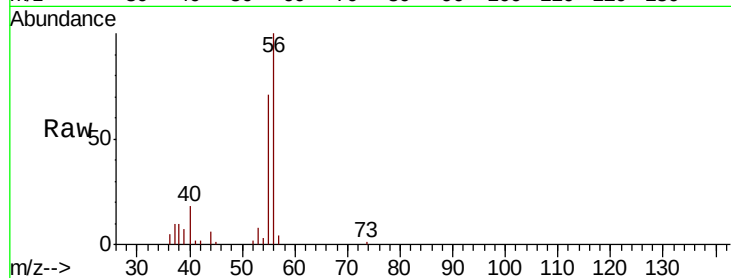
VN0425WBSD01

Tot Ion: 56 Resp: 39210

Ion Ratio Lower Upper

56 100

55 70.8 57.4 86.0



#14

Allyl chloride

Concen: 20.713 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

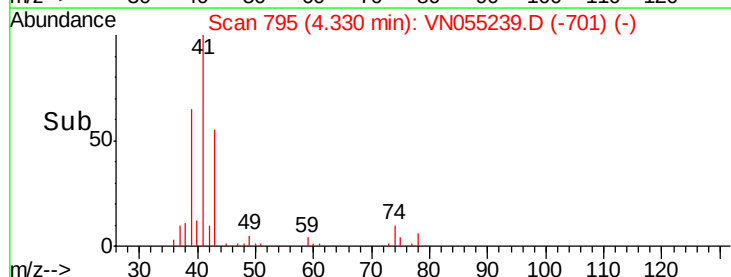
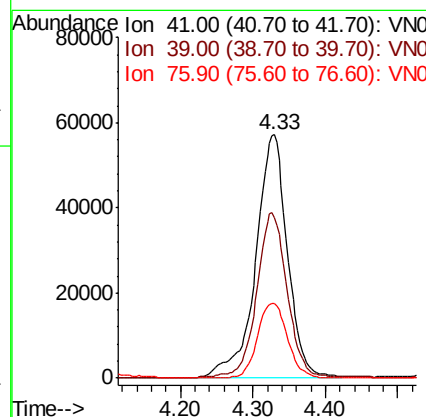
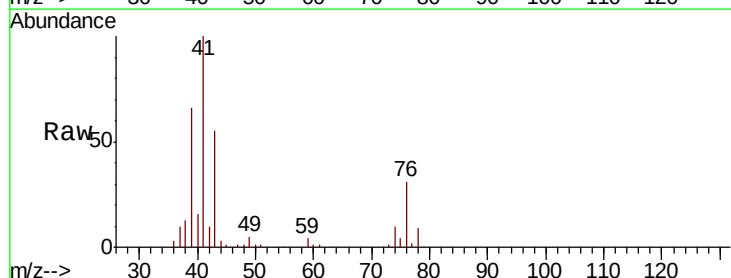
Tgt Ion: 41 Resp: 175247

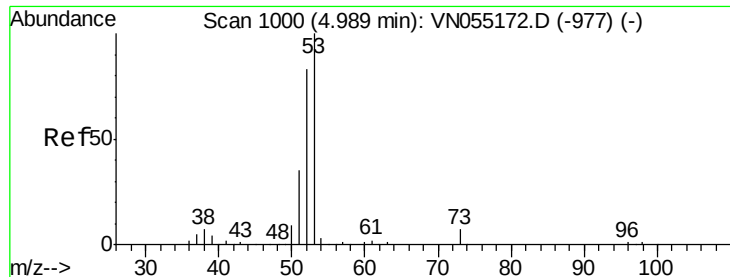
Ion Ratio Lower Upper

41 100

39 63.9 52.9 79.3

76 28.8 23.6 35.4

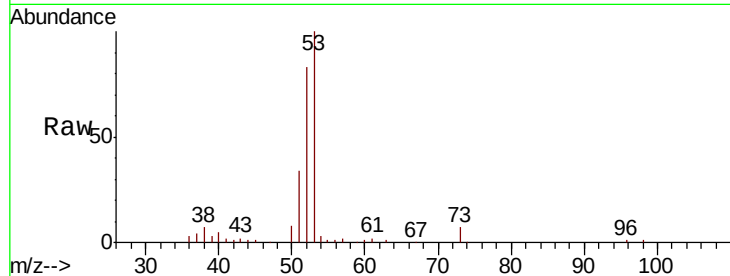




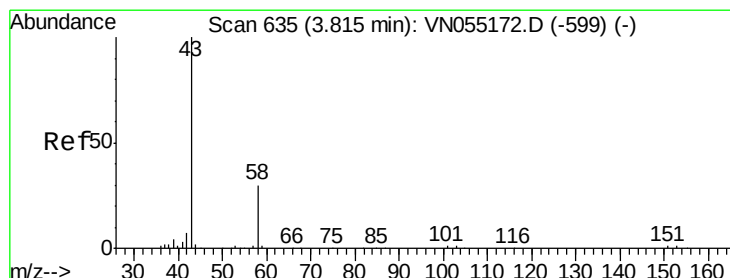
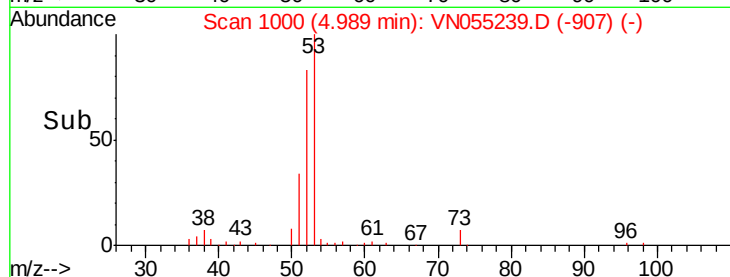
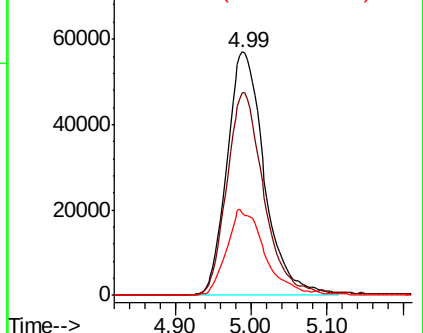
#15
 Acrylonitrile
 Concen: 107.947 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Tot Ion: 53 Resp: 194600
 Ion Ratio Lower Upper
 53 100
 52 82.1 65.8 98.8
 51 35.8 28.9 43.3

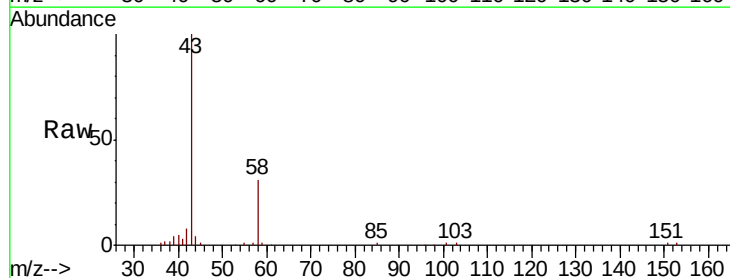


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

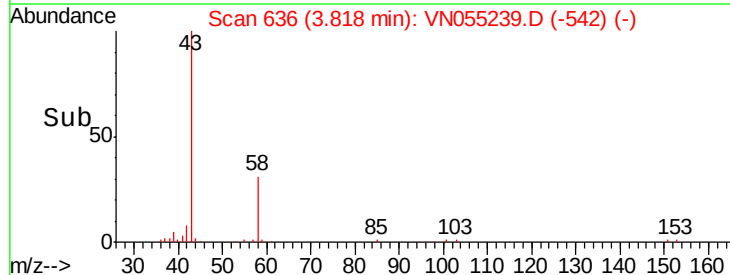
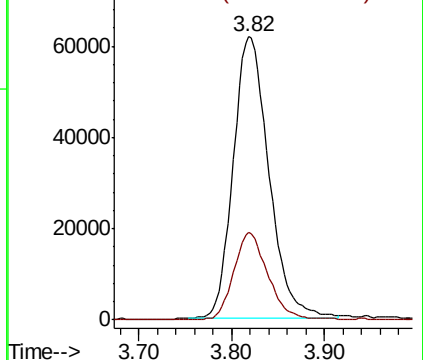


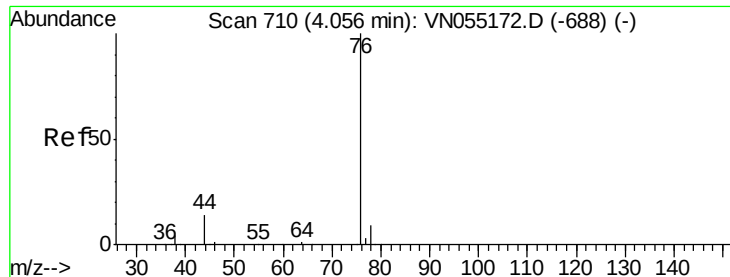
#16
 Acetone
 Concen: 88.471 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion: 43 Resp: 164672
 Ion Ratio Lower Upper
 43 100
 58 31.2 23.8 35.8



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

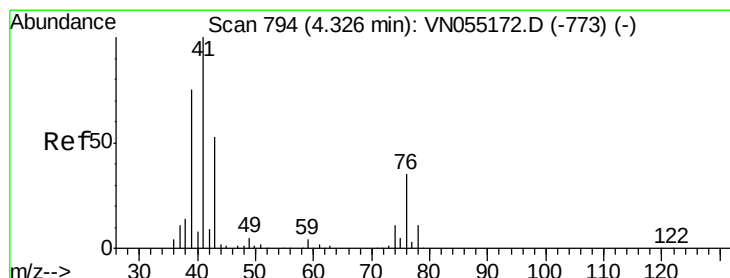
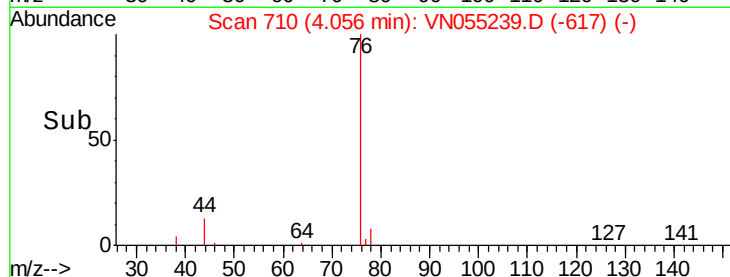
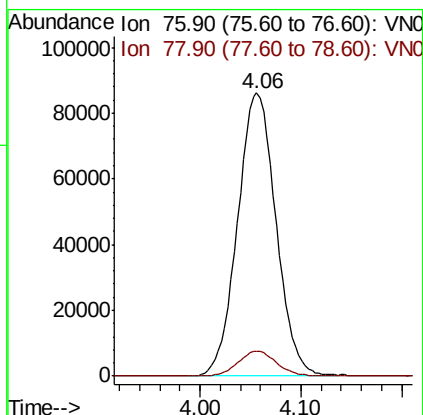
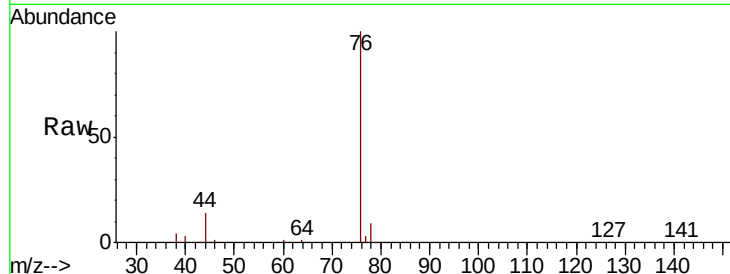




#17
Carbon Disulfide
Concen: 19.010 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

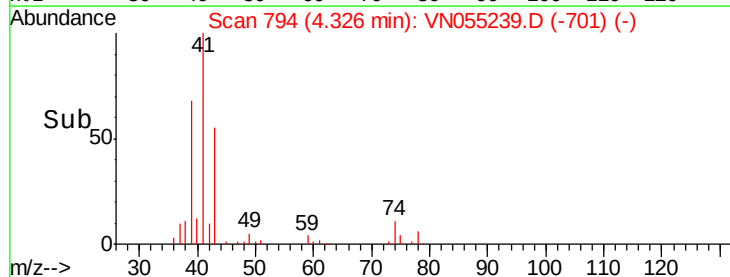
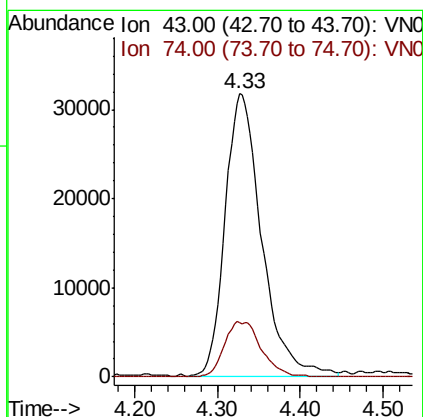
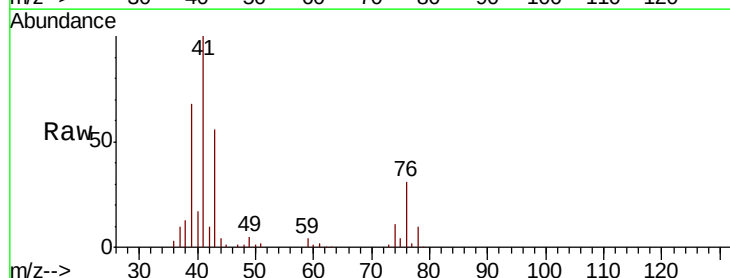
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

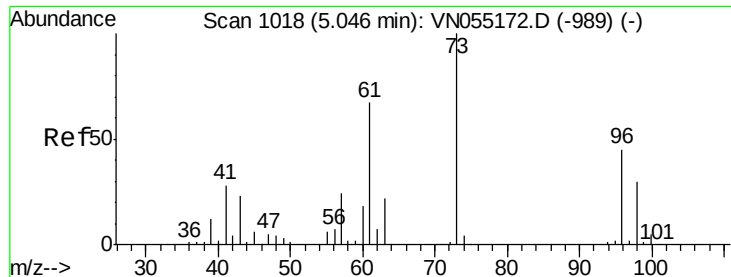
Tot Ion: 76 Resp: 227453
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 23.827 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 43 Resp: 97659
Ion Ratio Lower Upper
43 100
74 19.6 16.7 25.1

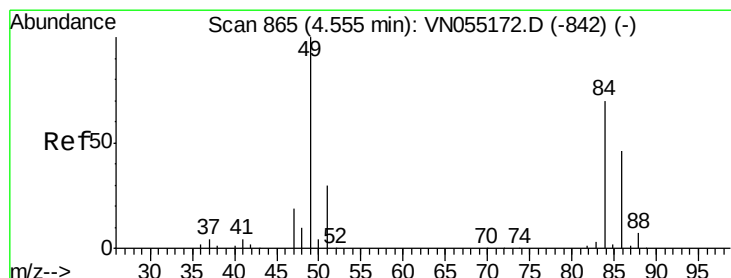
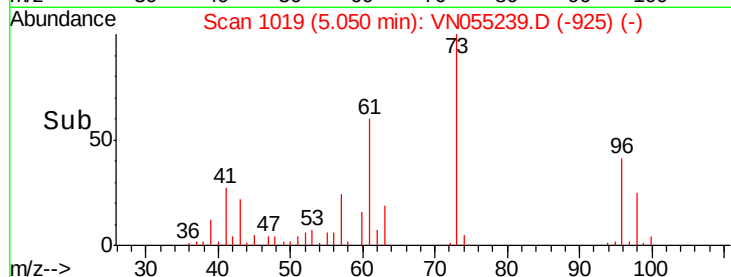
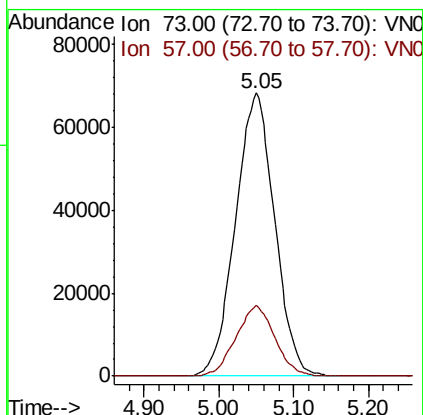
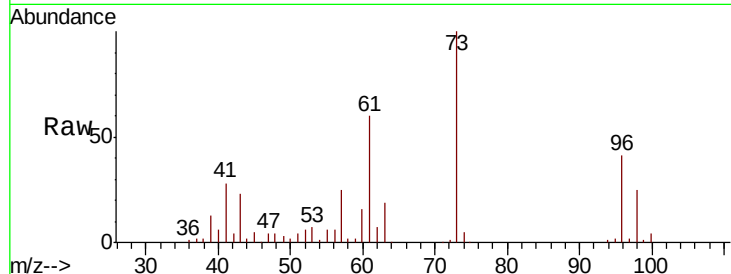




#19
Methyl tert-butyl Ether
Concen: 21.010 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

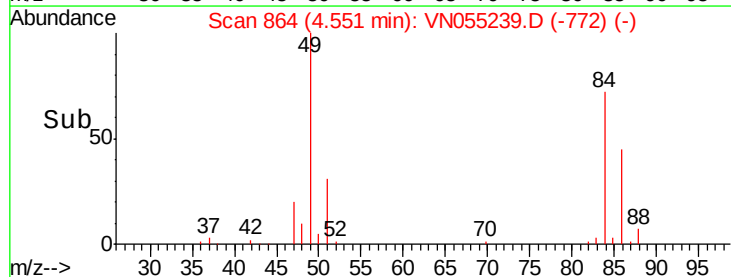
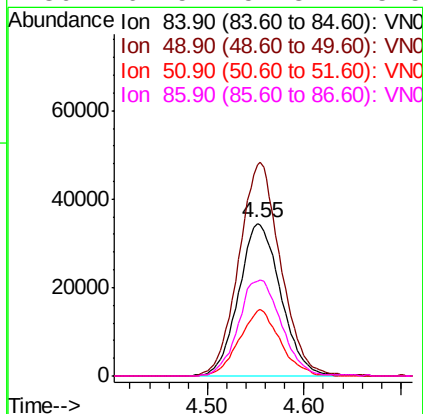
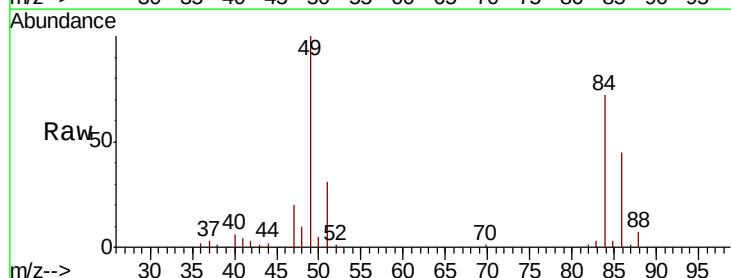
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

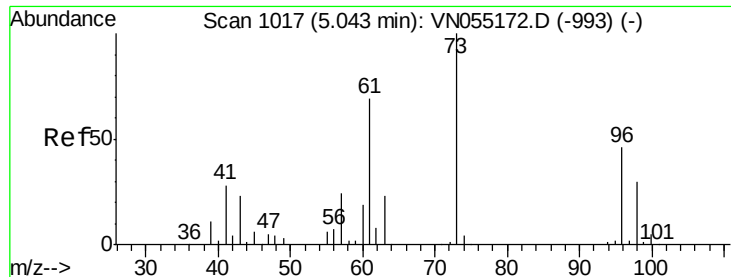
Tot Ion: 73 Resp: 248608
Ion Ratio Lower Upper
73 100
57 24.9 19.5 29.3



#20
Methylene Chloride
Concen: 19.410 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 84 Resp: 103862
Ion Ratio Lower Upper
84 100
49 138.4 113.8 170.6
51 42.5 34.0 51.0
86 62.5 52.3 78.5

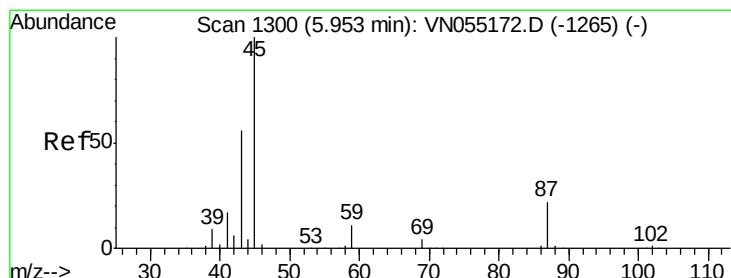
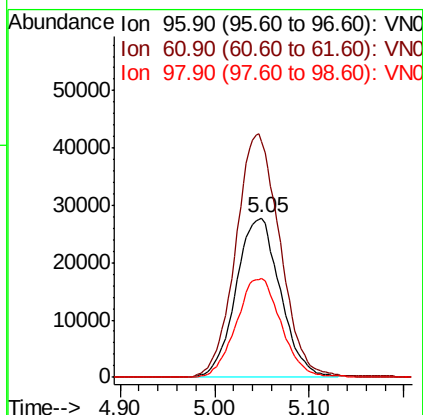
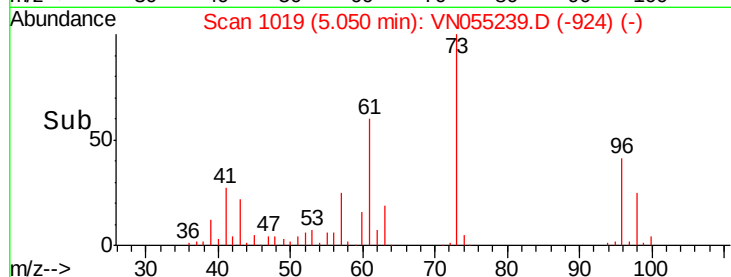
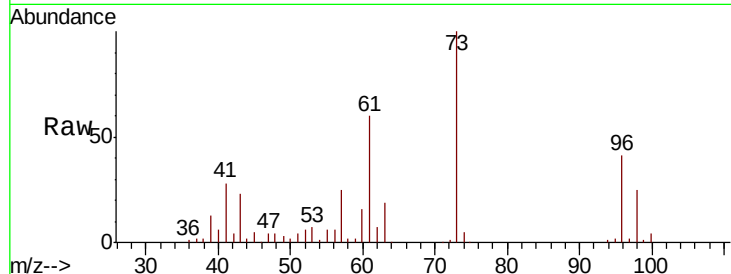




#21
trans-1,2-Dichloroethene
Concen: 20.131 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

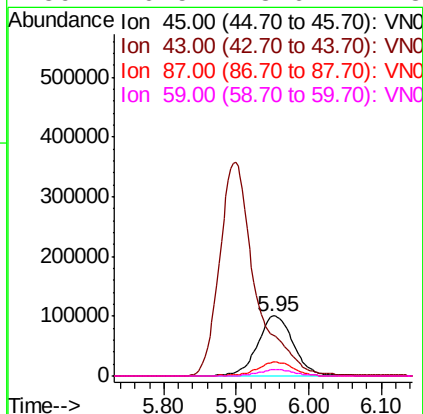
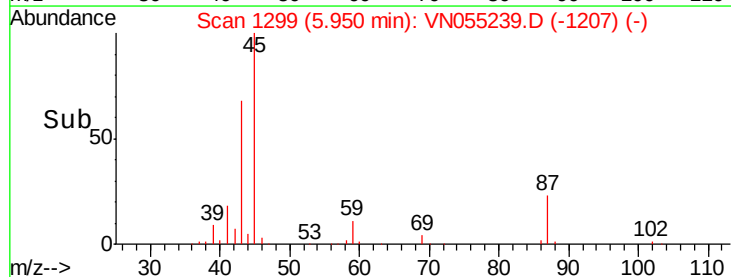
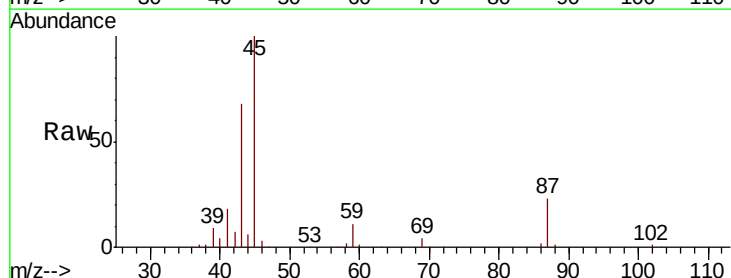
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

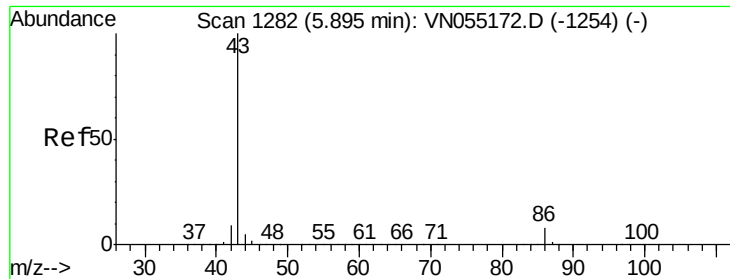
Tot Ion: 96 Resp: 90345
Ion Ratio Lower Upper
96 100
61 148.2 119.3 178.9
98 62.0 53.0 79.4



#22
Diisopropyl ether
Concen: 20.537 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 45 Resp: 346346
Ion Ratio Lower Upper
45 100
43 67.3 47.4 71.0
87 22.8 18.4 27.6
59 10.5 8.6 12.8





#23

Vinyl Acetate

Concen: 108.816 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

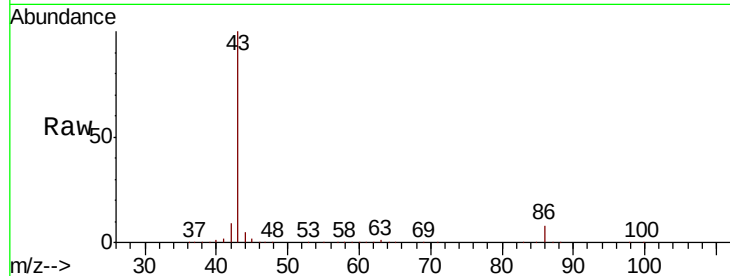
VN0425WBSD01

Tot Ion: 43 Resp: 1233193

Ion Ratio Lower Upper

43 100

86 8.4 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

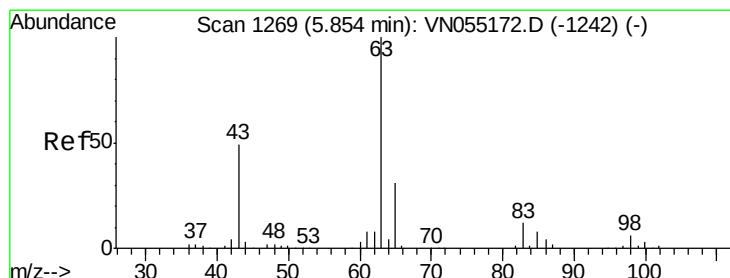
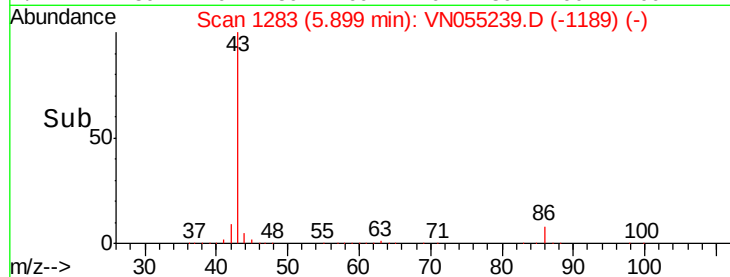
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.212 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

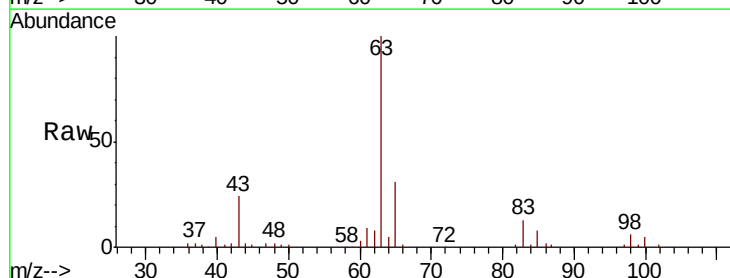
Tgt Ion: 63 Resp: 183349

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

100 4.6 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

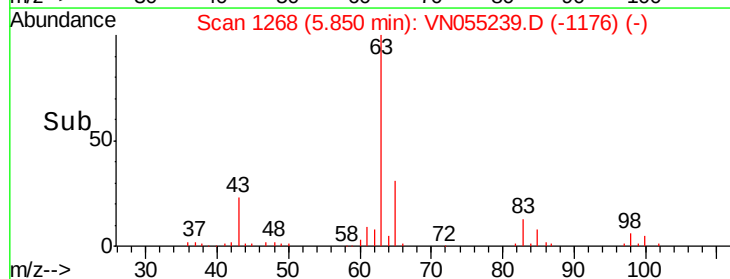
60000

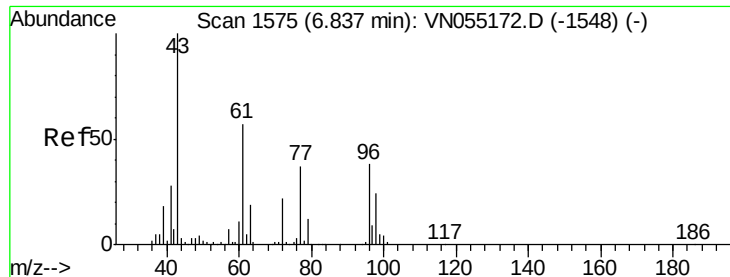
40000

20000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 98.847 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

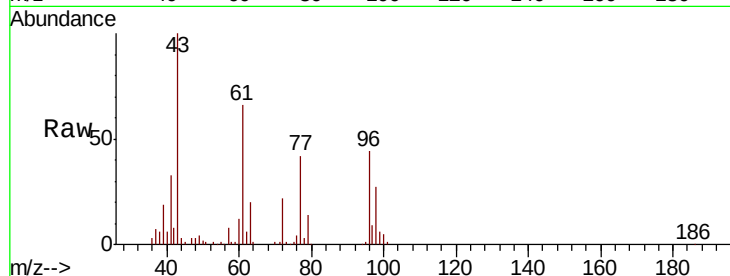
VN0425WBSD01

Tot Ion: 43 Resp: 237530

Ion Ratio Lower Upper

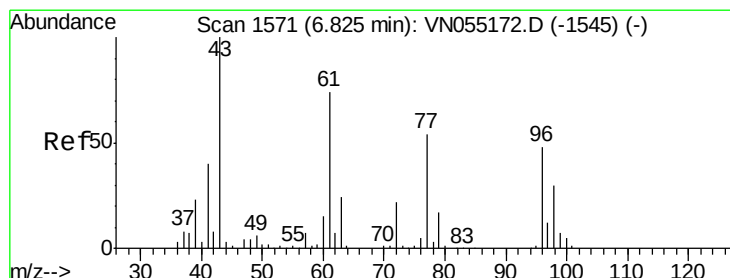
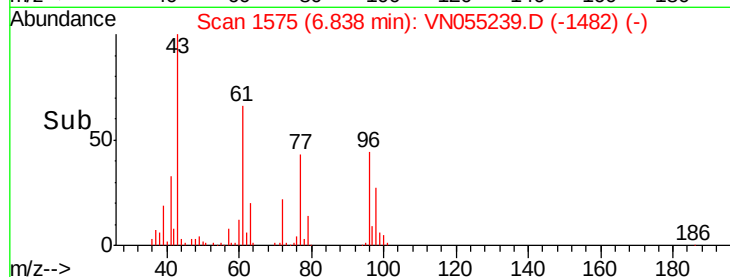
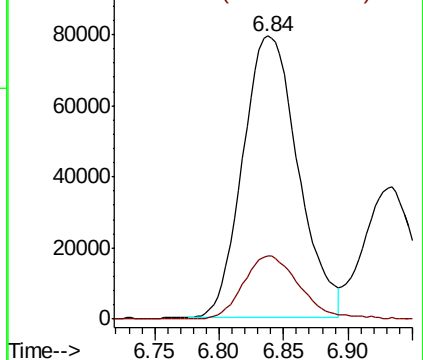
43 100

72 22.4 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: 20.144 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055239.D

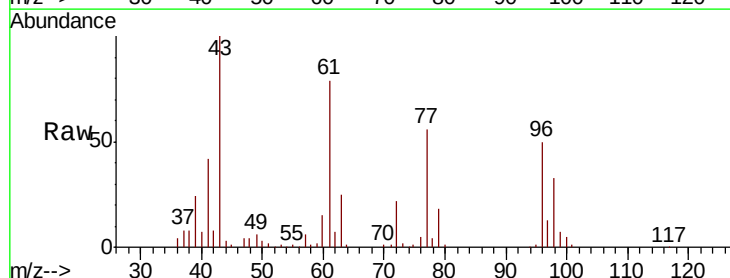
Acq: 25 Apr 2019 11:40

Tgt Ion: 77 Resp: 123657

Ion Ratio Lower Upper

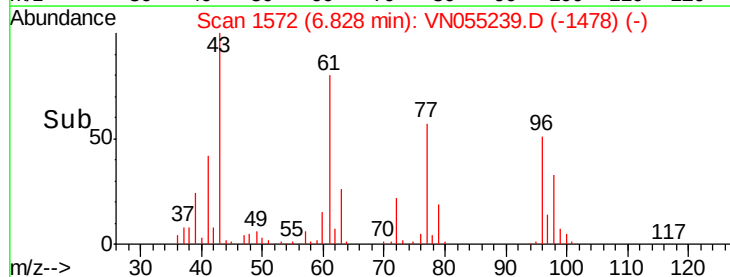
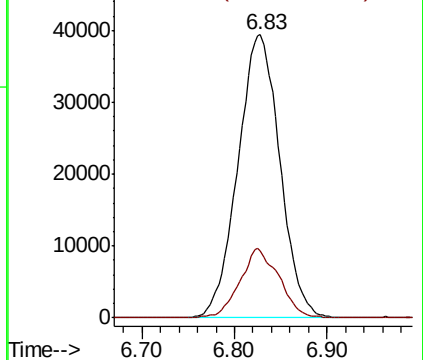
77 100

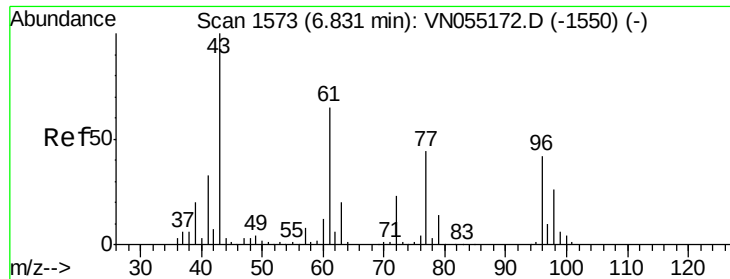
97 22.9 11.3 33.8



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: 20.183 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

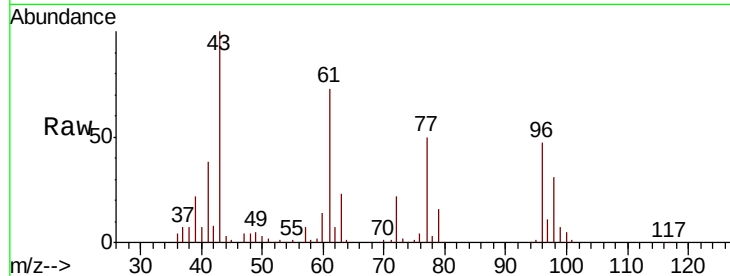
Tot Ion: 96 Resp: 104414

Ion Ratio Lower Upper

96 100

61 157.3 0.0 310.8

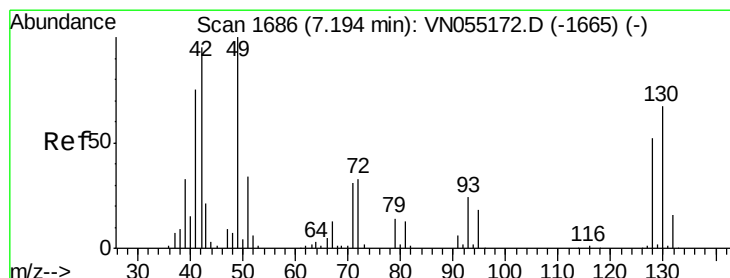
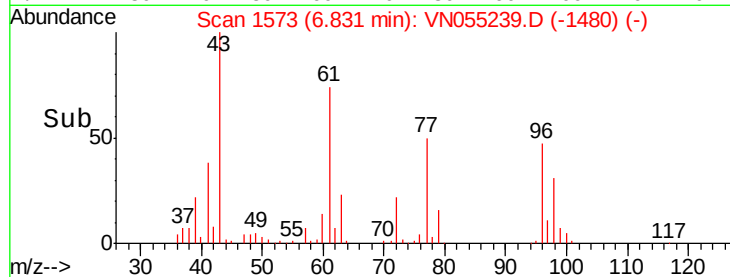
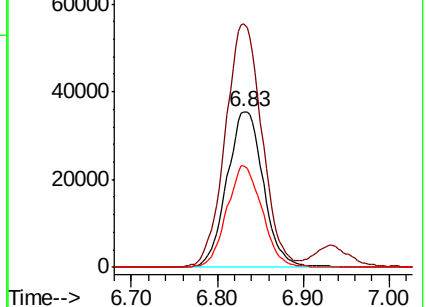
98 63.3 0.0 127.4



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: 20.611 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

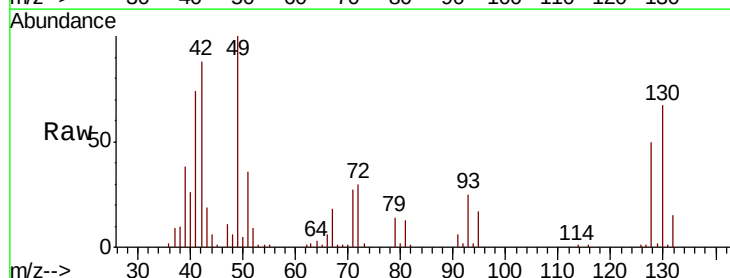
Tgt Ion: 49 Resp: 95308

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

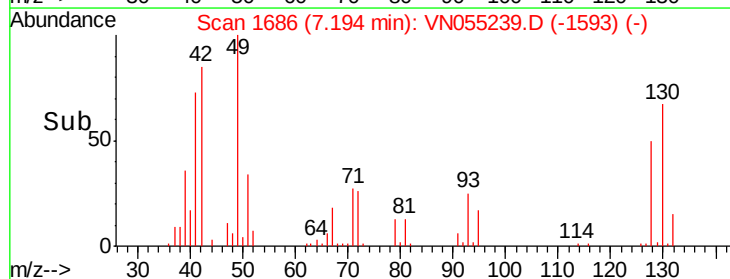
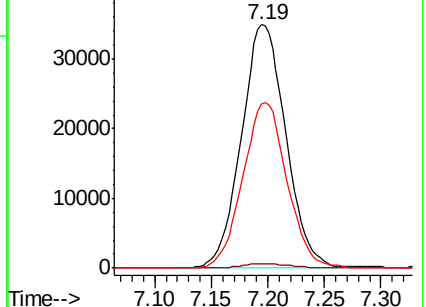
130 67.6 53.4 80.2

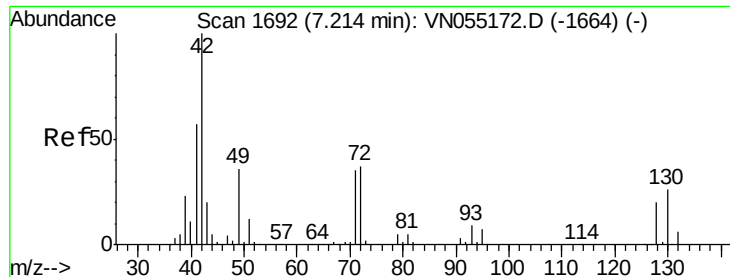


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

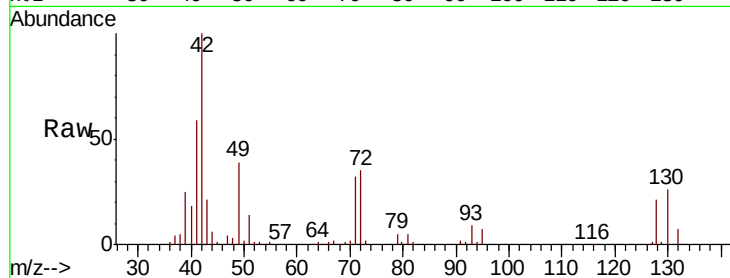




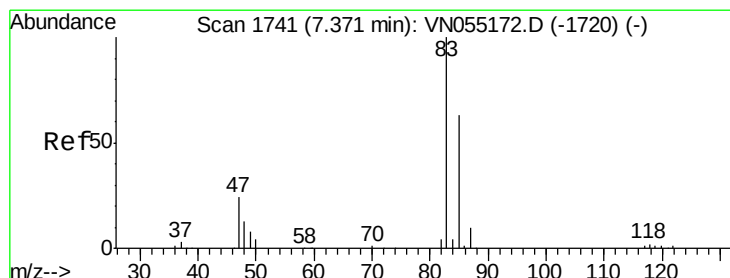
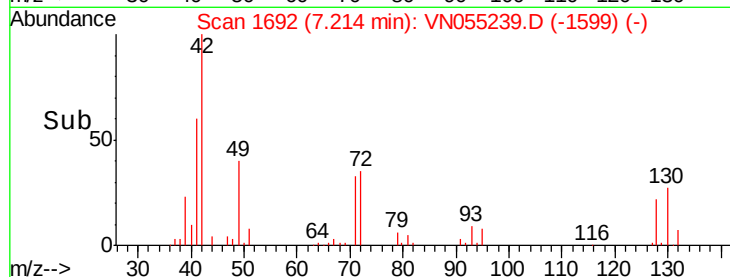
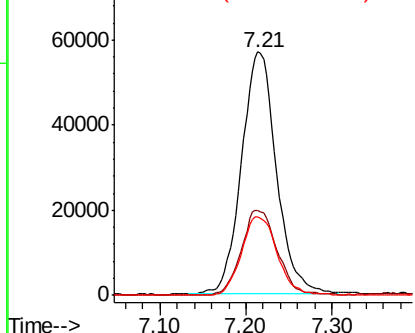
#29
Tetrahydrofuran
Concen: 109.053 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tot Ion: 42 Resp: 161123
Ion Ratio Lower Upper
42 100
72 36.0 29.4 44.2
71 33.3 27.8 41.8

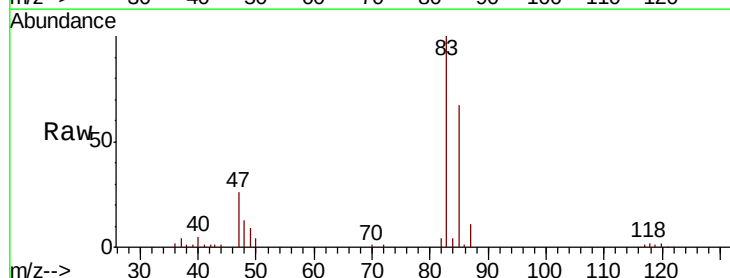


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

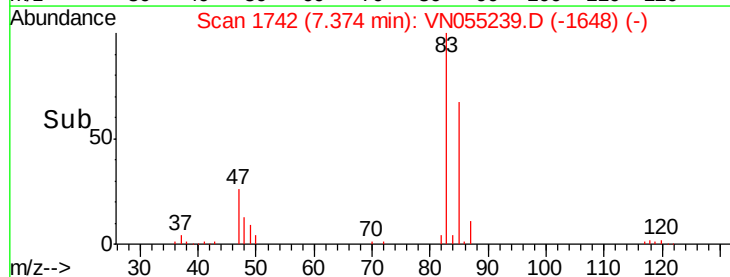
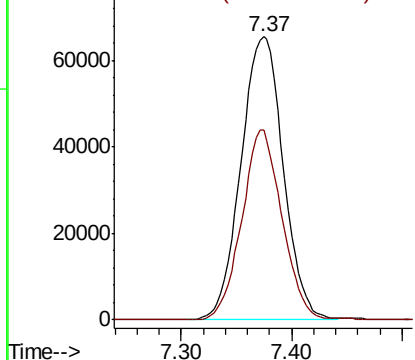


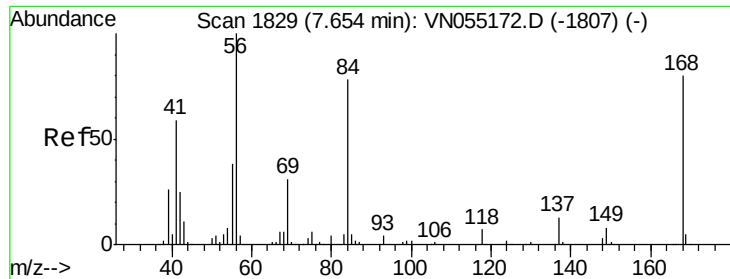
#30
Chloroform
Concen: 20.174 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 83 Resp: 174076
Ion Ratio Lower Upper
83 100
85 66.9 50.6 76.0



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

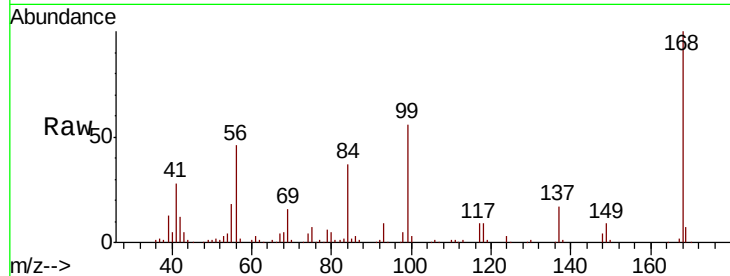




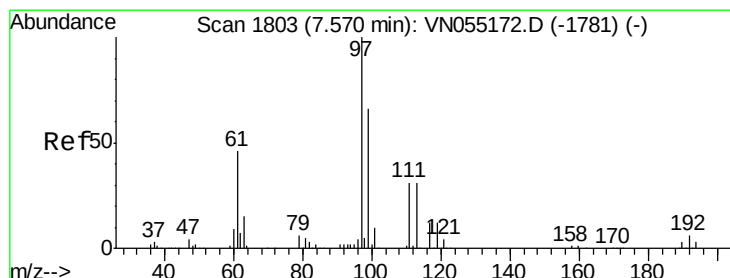
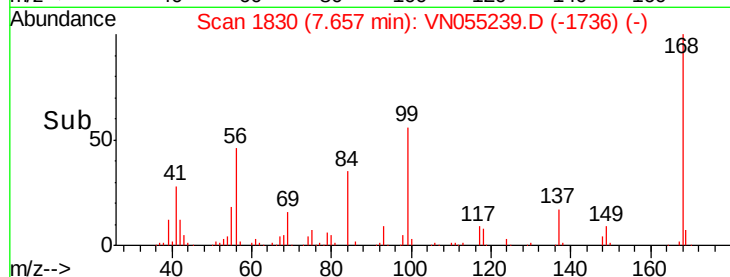
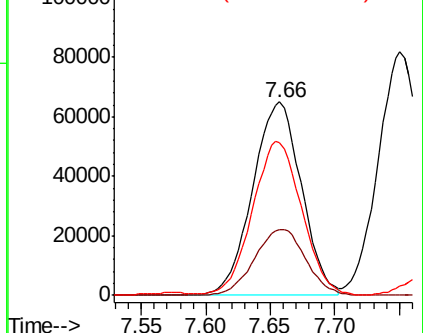
#31
Cyclohexane
Concen: 19.354 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0425WBSD01

Tot Ion: 56 Resp: 171135
Ion Ratio Lower Upper
56 100
69 33.8 24.6 37.0
84 77.7 61.4 92.2

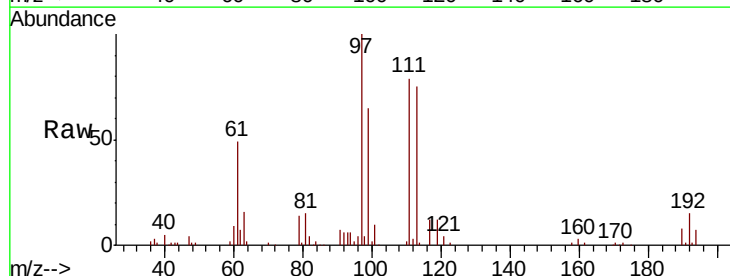


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

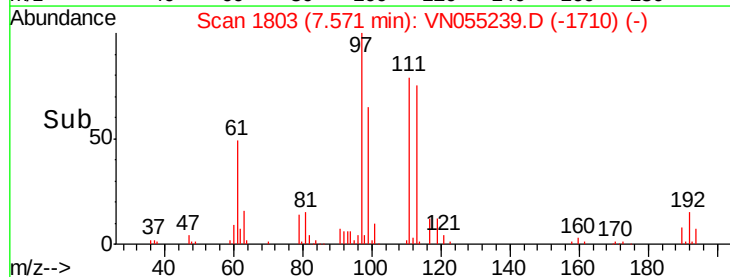
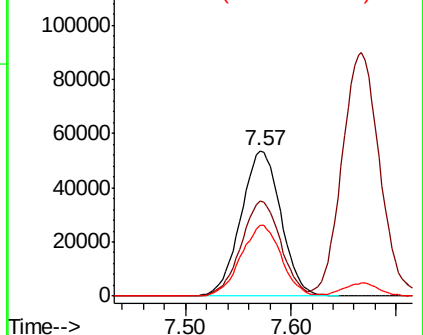


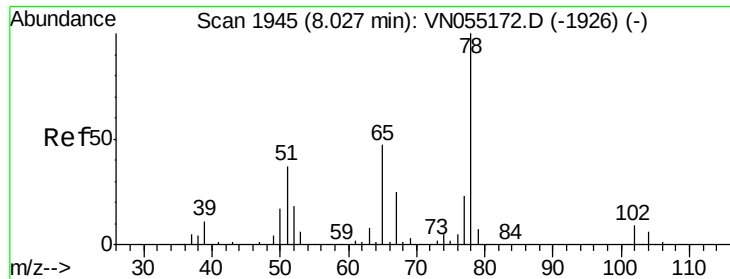
#32
1,1,1-Trichloroethane
Concen: 20.440 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 97 Resp: 141696
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 49.0 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

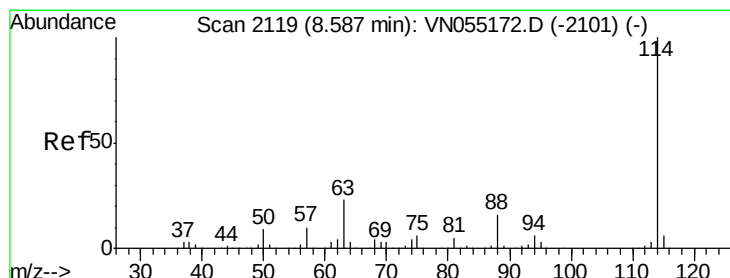
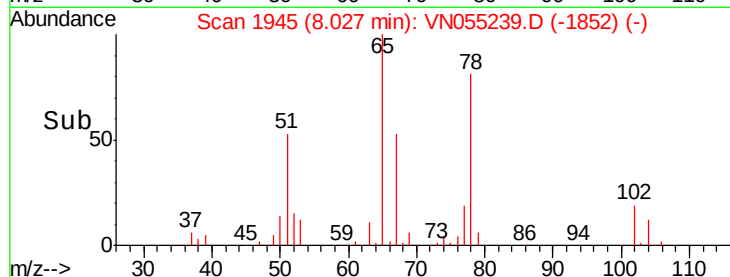
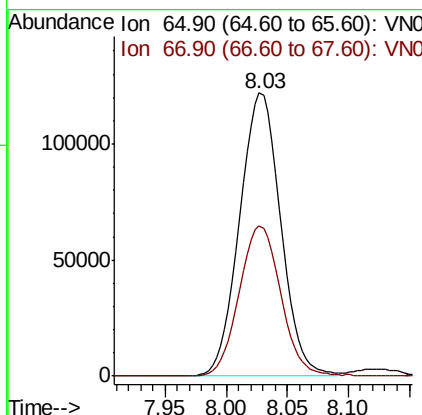
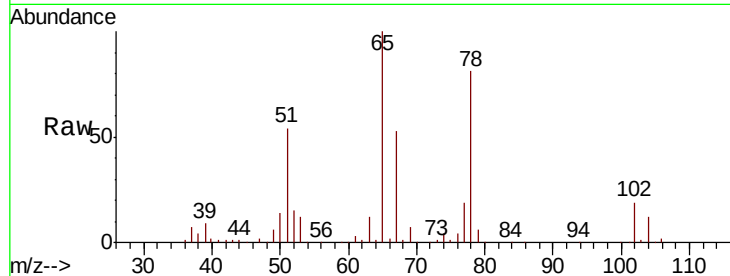




#33
 1,2-Dichloroethane-d4
 Concen: 50.561 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

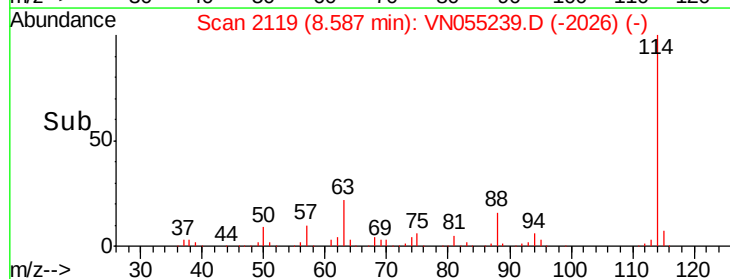
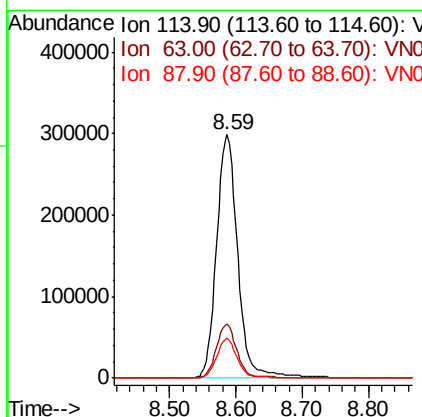
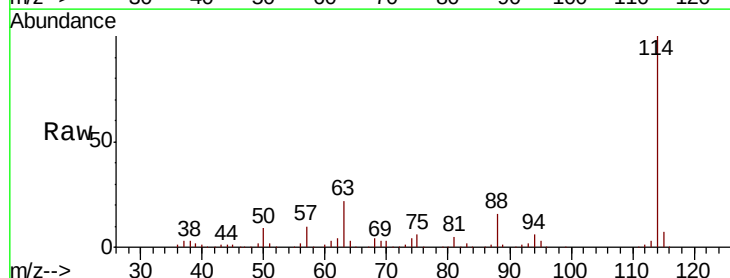
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

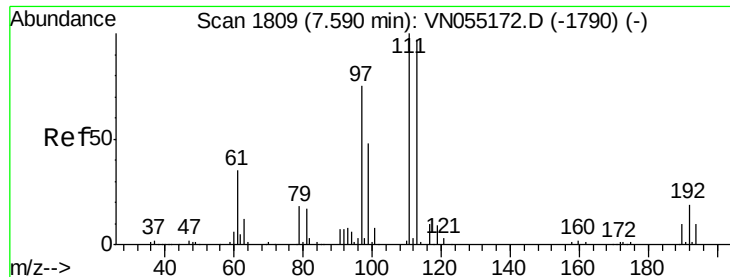
Tot Ion: 65 Resp: 284678
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion: 114 Resp: 664522
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 16.2 0.0 32.8

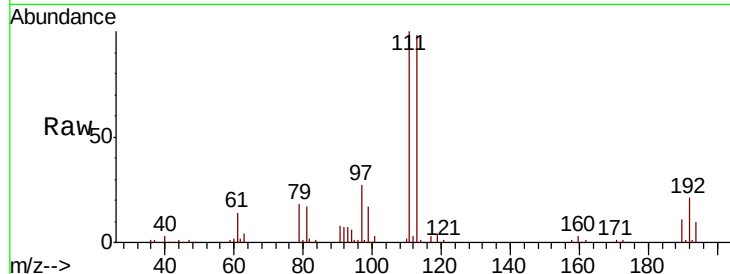




#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.0	121.4
192	21.0	16.2	24.4

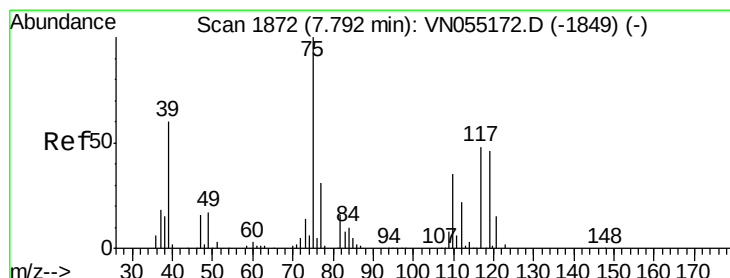
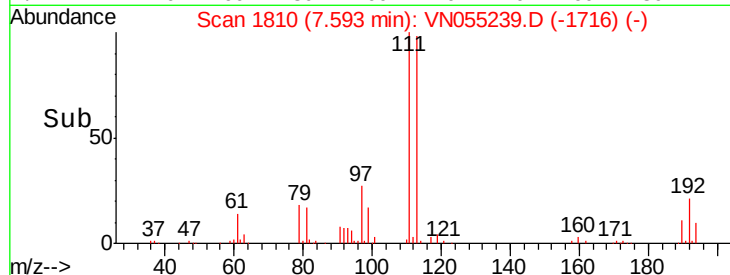
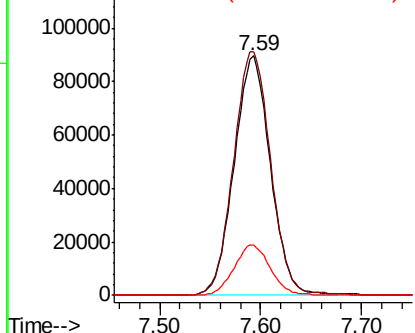


Abundance

Ion 112.80 (112.50 to 113.50): V

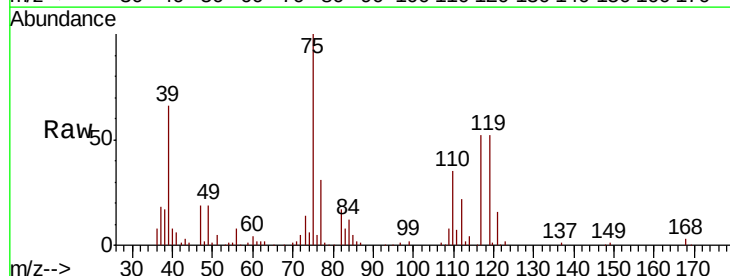
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 20.420 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.1	51.2
77	31.2	24.6	36.8

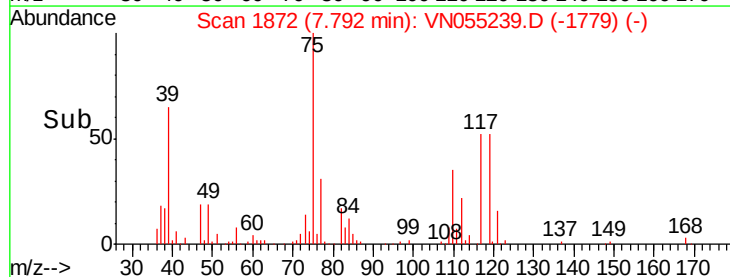
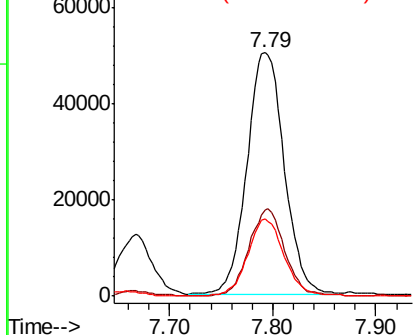


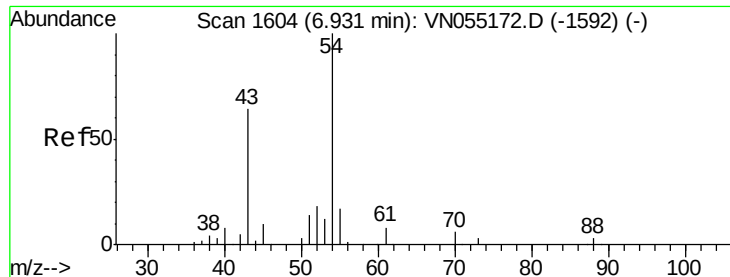
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

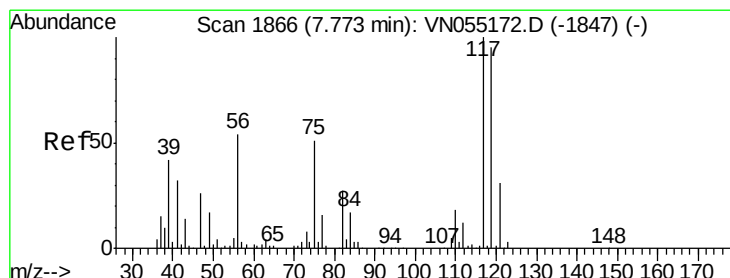
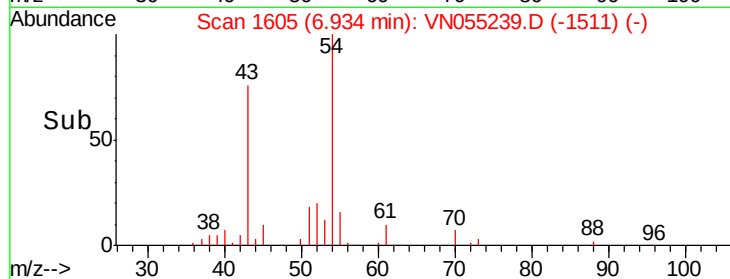
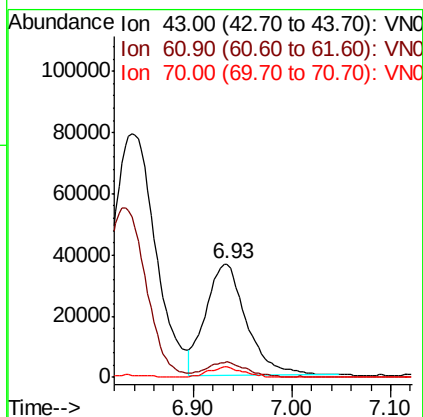
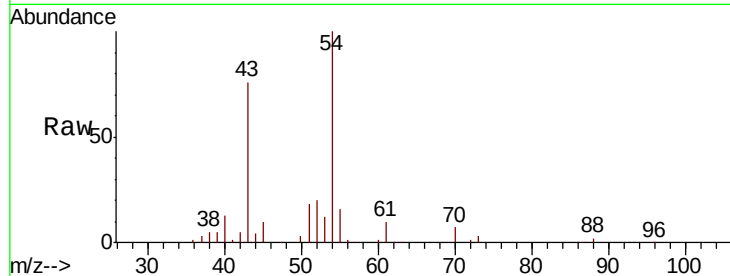




#37
Ethyl Acetate
Concen: 21.140 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

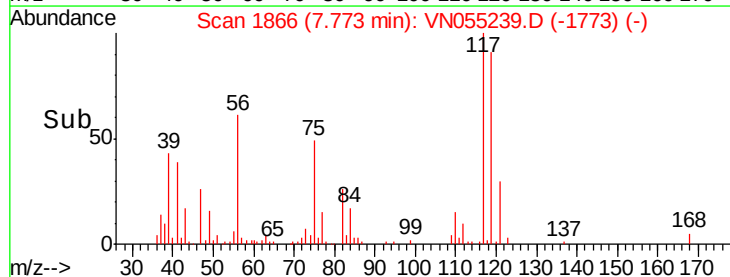
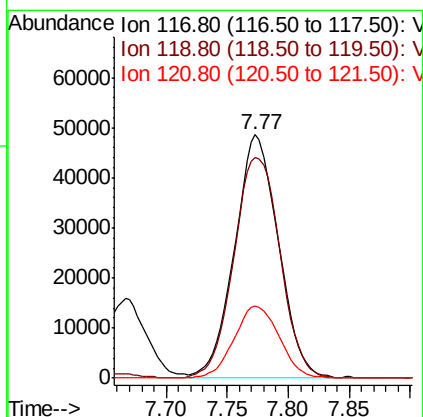
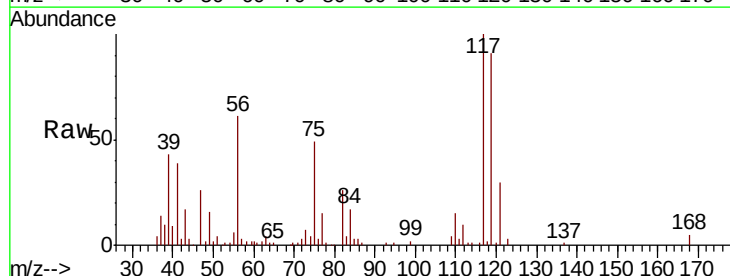
Instrument :
MSVOA_N
ClientSampled :
VN0425WBSD01

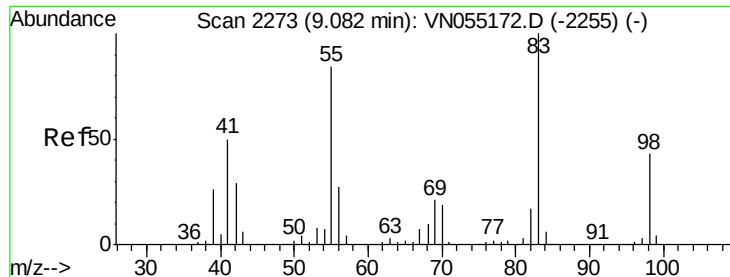
Tot Ion: 43 Resp: 105229
Ion Ratio Lower Upper
43 100
61 12.8 9.7 14.5
70 8.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 20.945 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 117 Resp: 120973
Ion Ratio Lower Upper
117 100
119 90.7 76.0 114.0
121 29.6 24.6 36.8

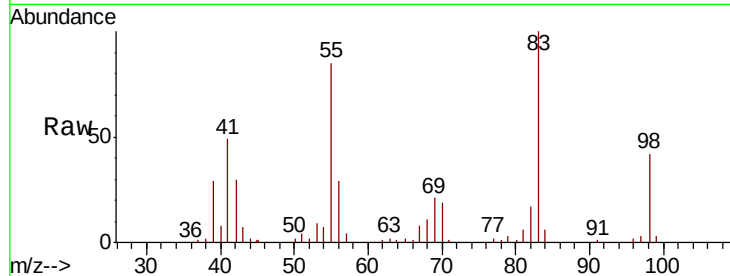




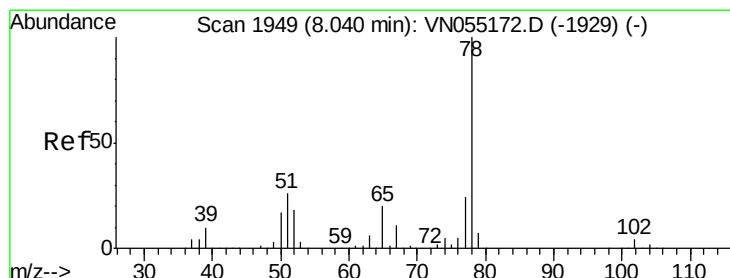
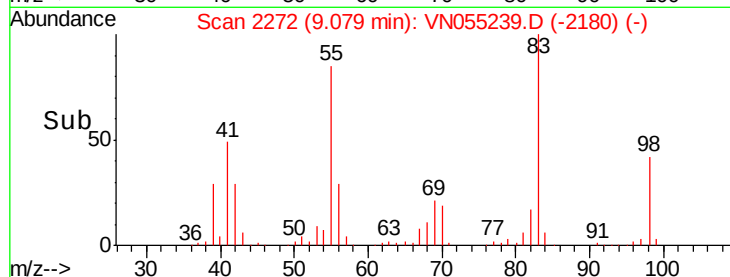
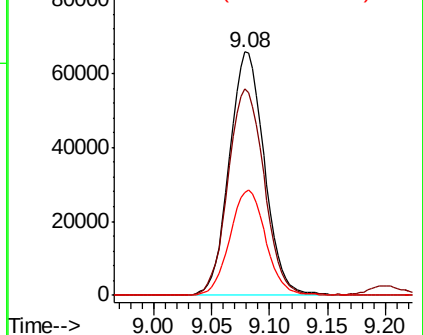
#39
Methylvlcyclohexane
Concen: 18.766 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tot Ion: 83 Resp: 138083
Ion Ratio Lower Upper
83 100
55 85.0 67.4 101.0
98 42.4 34.7 52.1

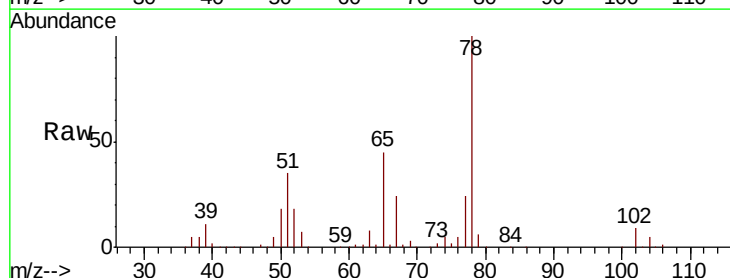


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

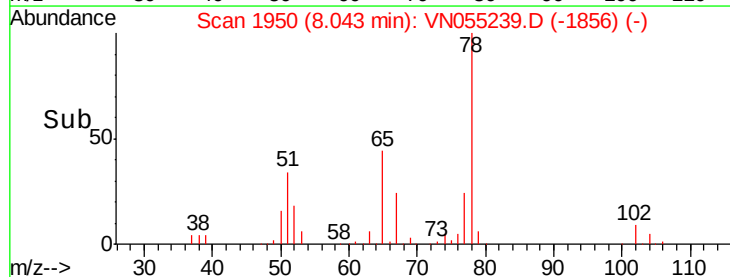
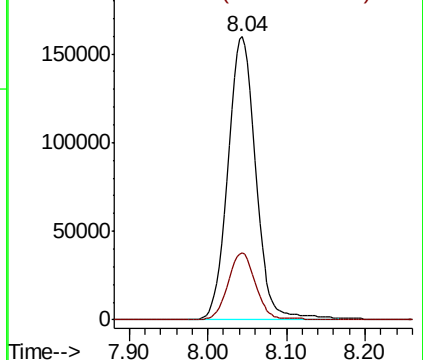


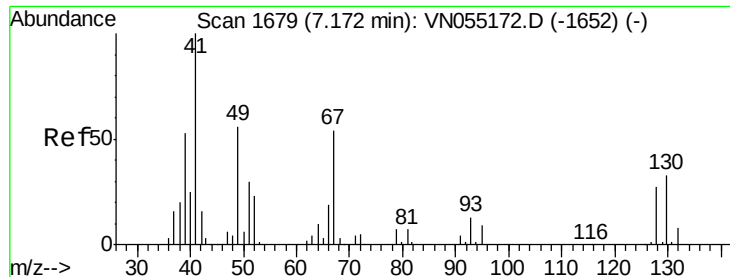
#40
Benzene
Concen: 20.594 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 78 Resp: 392093
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

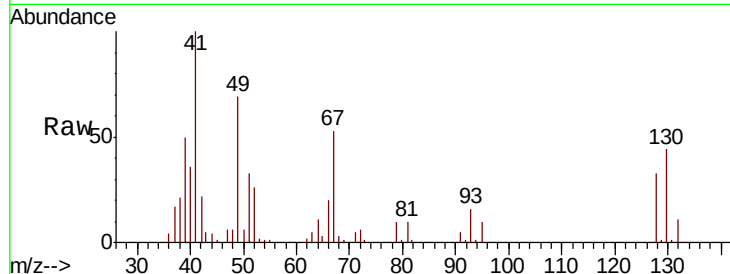




#41
Methacrylonitrile
Concen: 22.931 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Instrument :
MSVOA_N
ClientSampled :
VN0425WBSD01

Tot Ion:	41	Resp:	59842
Ion	Ratio	Lower	Upper
41	100		
39	38.1	45.4	68.0#
67	67.1	54.6	81.8
52	30.6	22.8	34.2



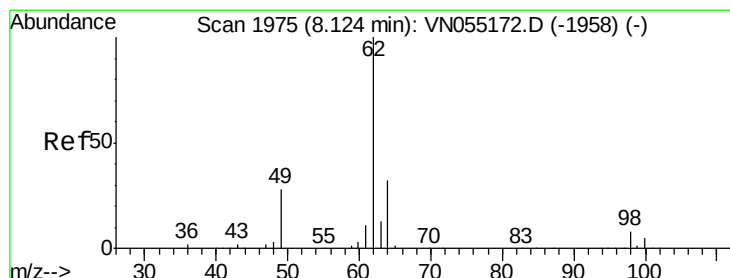
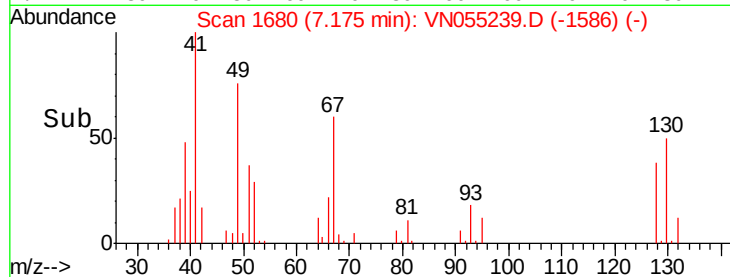
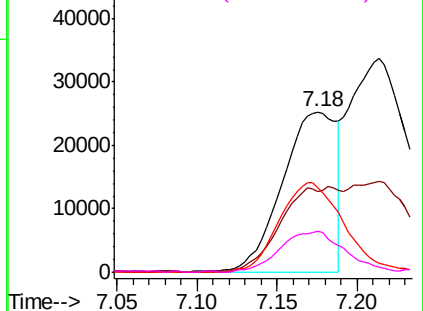
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

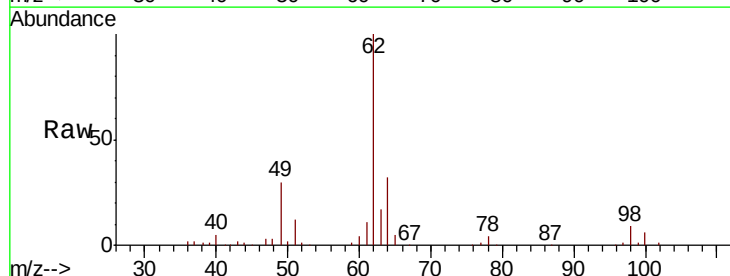
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 20.400 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

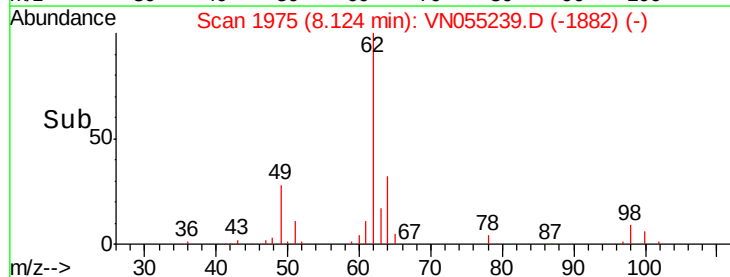
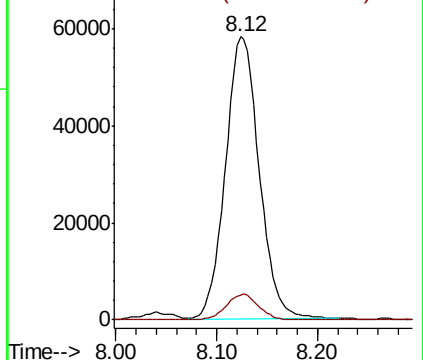
Tgt Ion:	62	Resp:	135500
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

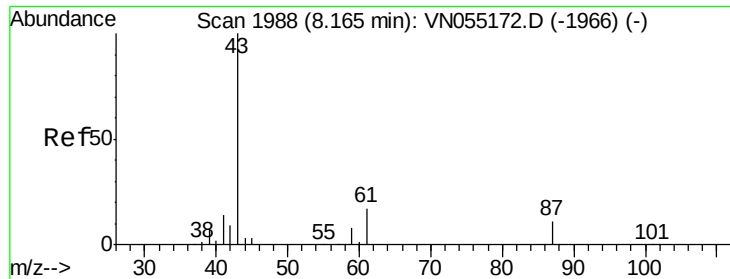


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



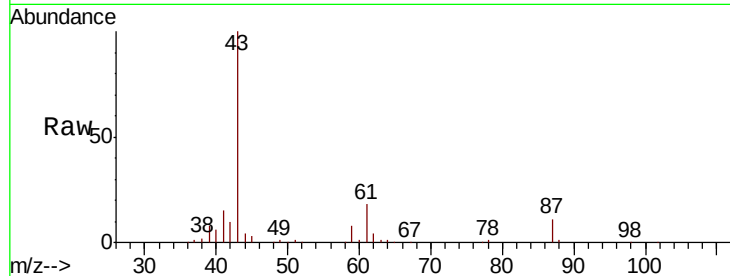


#43

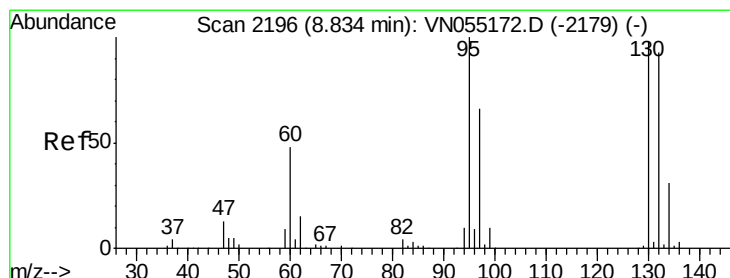
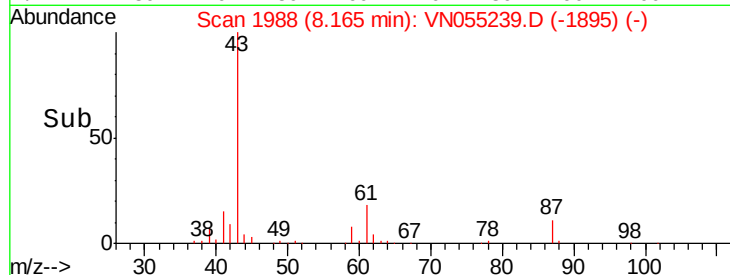
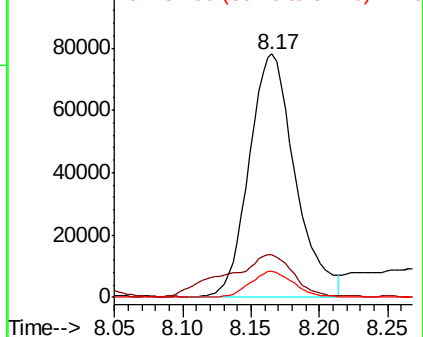
Isopropyl Acetate
 Concen: 22.548 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Tot Ion: 43 Resp: 181743
 Ion Ratio Lower Upper
 43 100
 61 25.0 20.6 30.8
 87 10.2 8.8 13.2



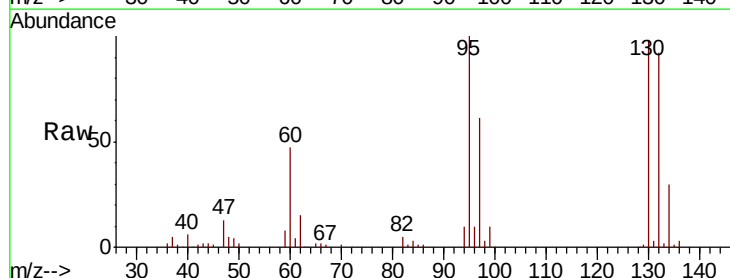
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



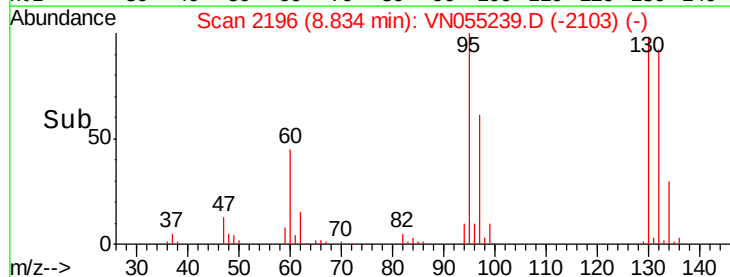
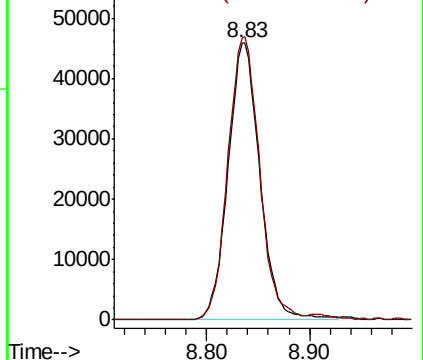
#44

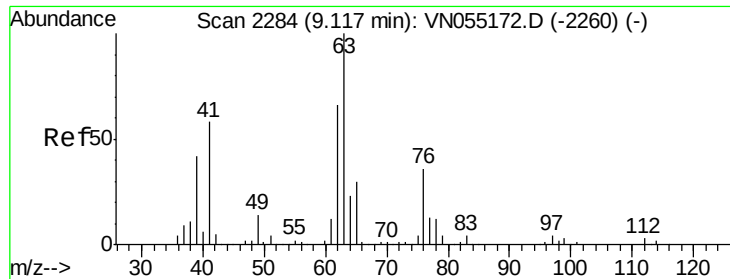
Trichloroethene
 Concen: 20.501 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion:130 Resp: 98655
 Ion Ratio Lower Upper
 130 100
 95 102.0 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

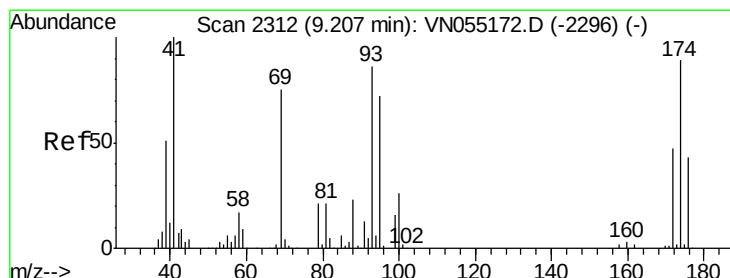
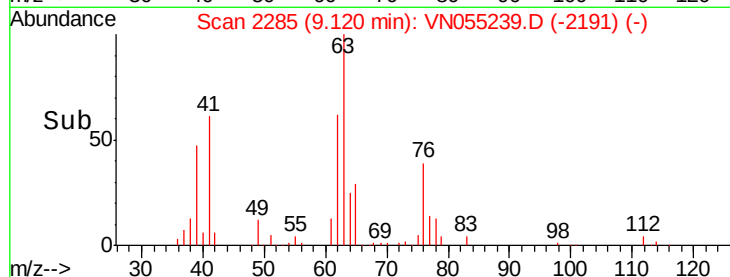
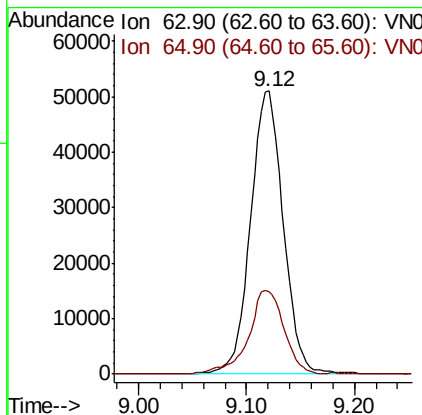
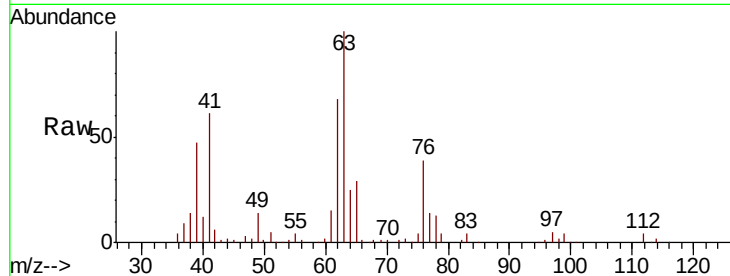




#45
 1,2-Dichloropropane
 Concen: 19.978 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

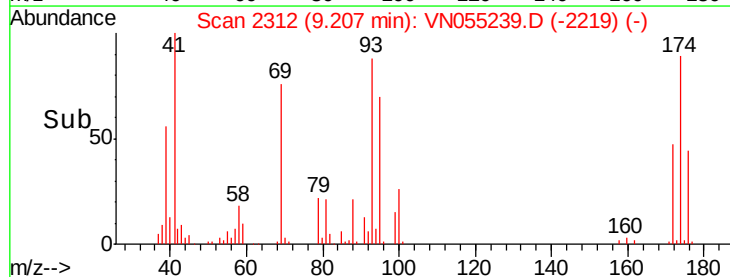
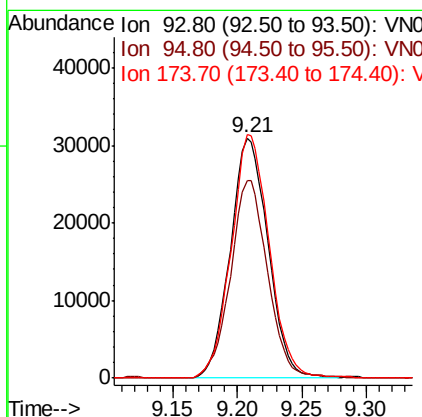
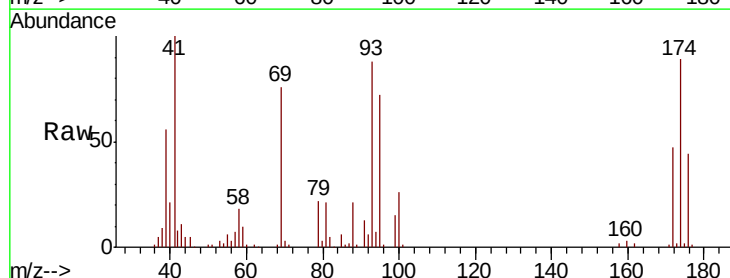
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

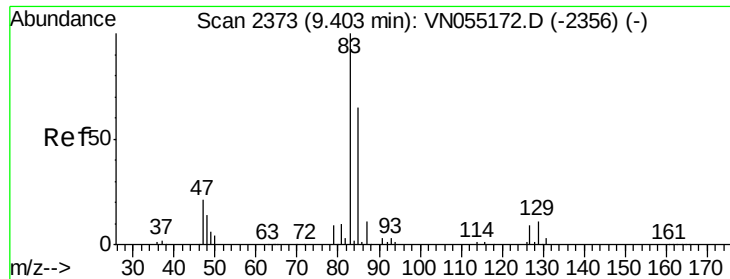
Tot Ion: 63 Resp: 107373
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.8 35.6



#46
 Dibromomethane
 Concen: 20.516 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion: 93 Resp: 63120
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.6 101.4
 174 101.9 83.4 125.2





#47

Bromodichloromethane

Concen: 20.968 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

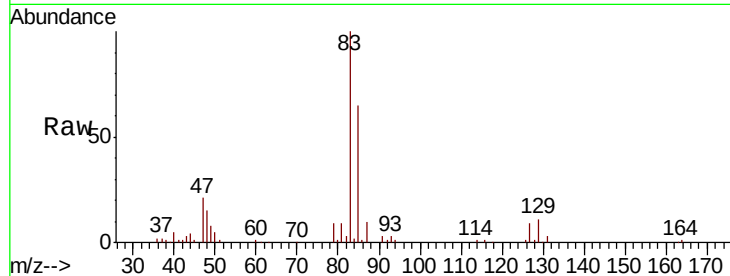
Tot Ion: 83 Resp: 129145

Ion Ratio Lower Upper

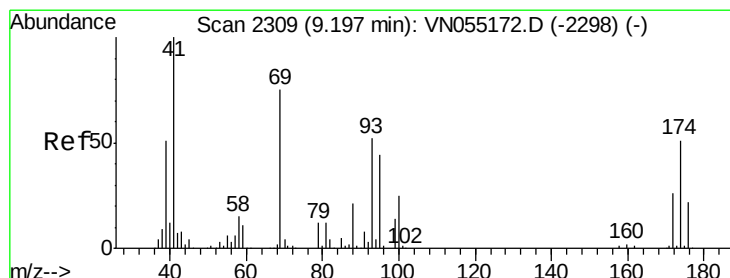
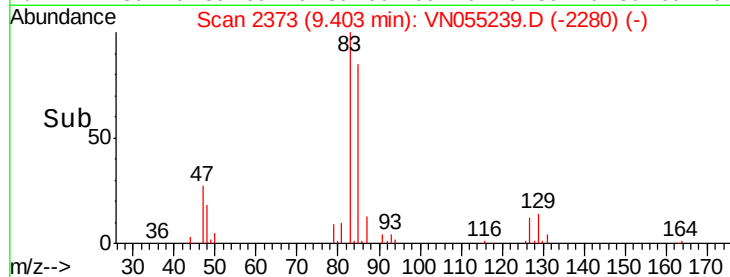
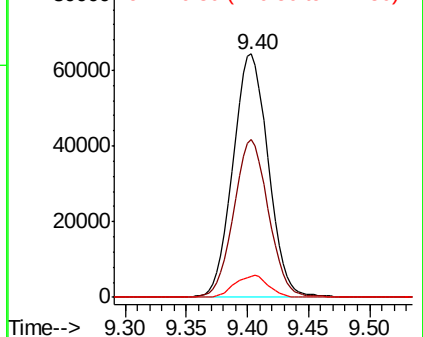
83 100

85 64.6 52.1 78.1

127 8.8 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: 20.209 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

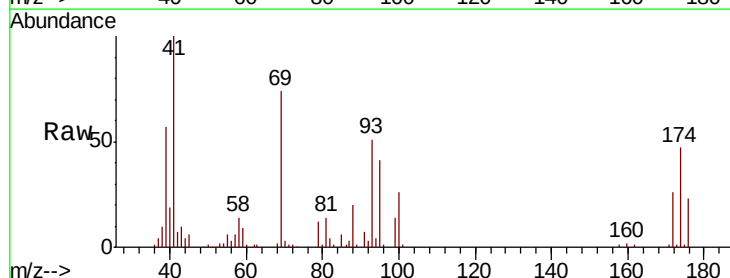
Tgt Ion: 41 Resp: 79014

Ion Ratio Lower Upper

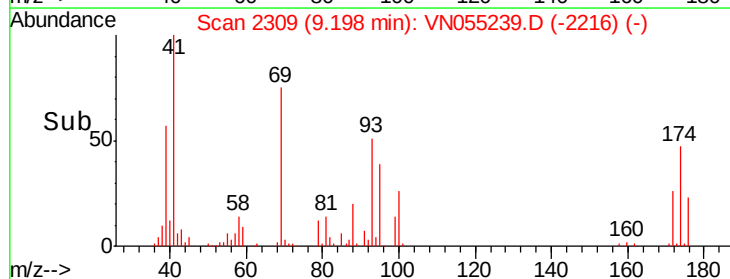
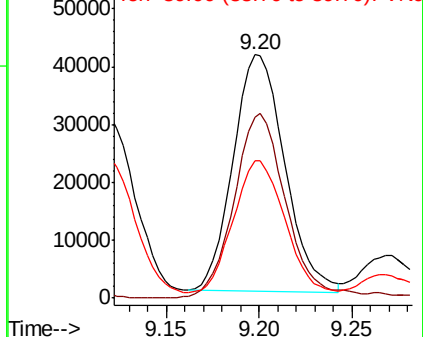
41 100

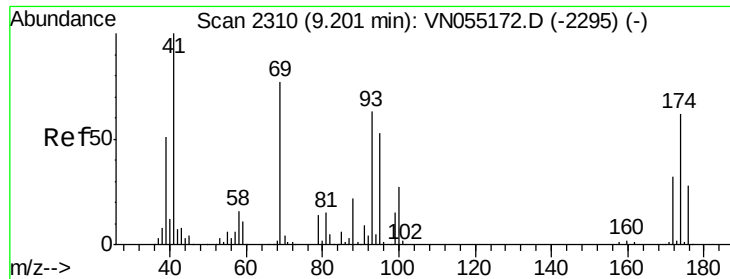
69 78.4 63.6 95.4

39 59.0 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: 407.683 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

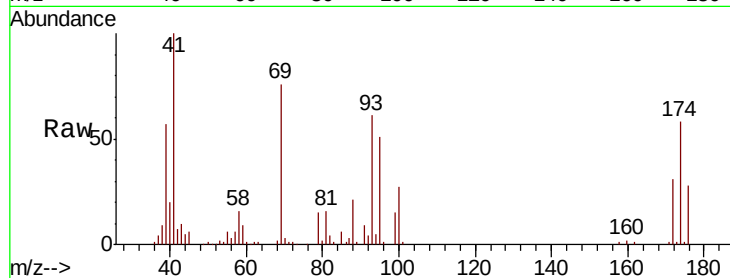
Tot Ion: 88 Resp: 18408

Ion Ratio Lower Upper

88 100

43 40.1 32.0 48.0

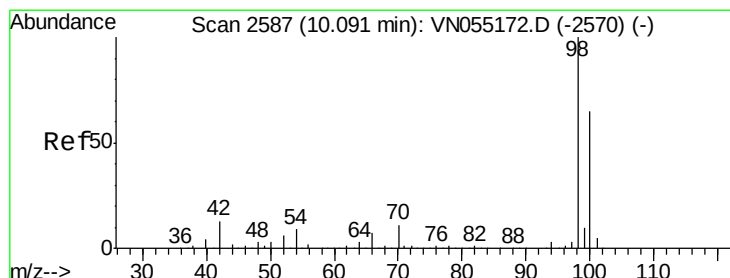
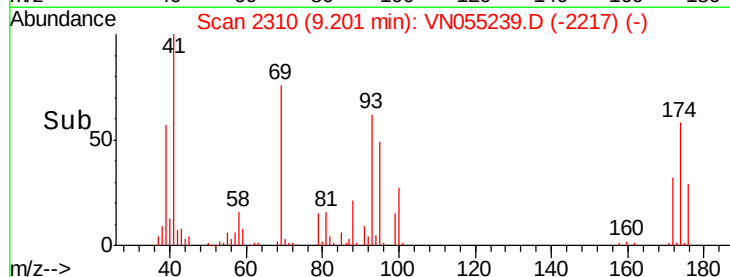
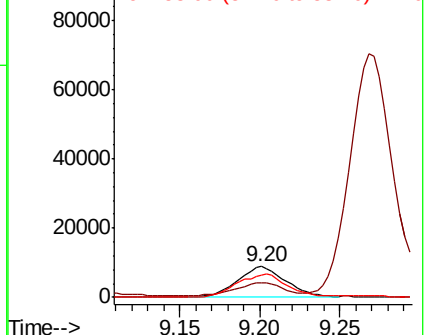
58 78.4 60.4 90.6



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: 49.581 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055239.D

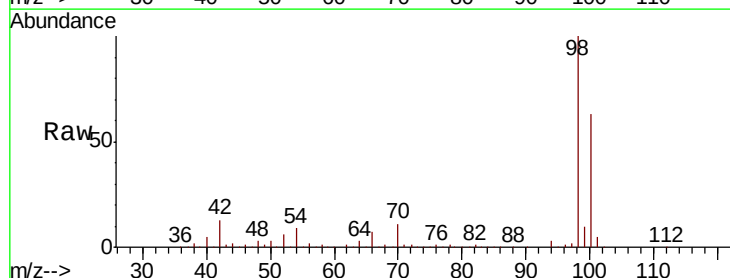
Acq: 25 Apr 2019 11:40

Tgt Ion: 98 Resp: 829317

Ion Ratio Lower Upper

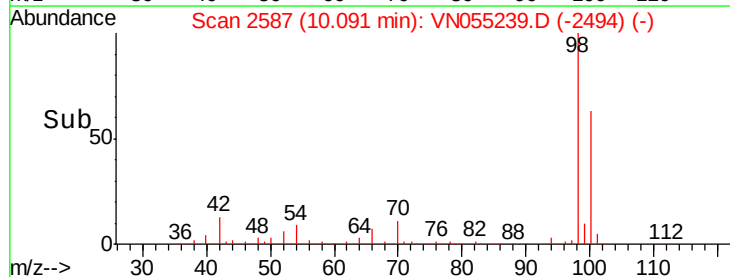
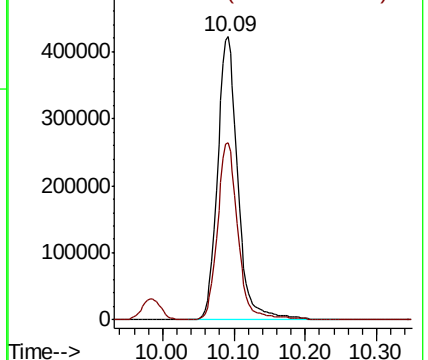
98 100

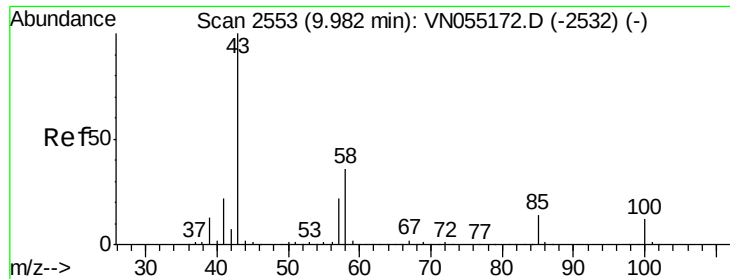
100 63.3 51.8 77.6



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: 107.246 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

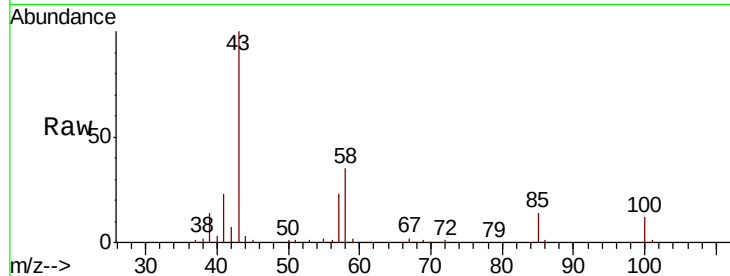
VN0425WBSD01

Tot Ion: 43 Resp: 497427

Ion Ratio Lower Upper

43 100

58 34.7 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

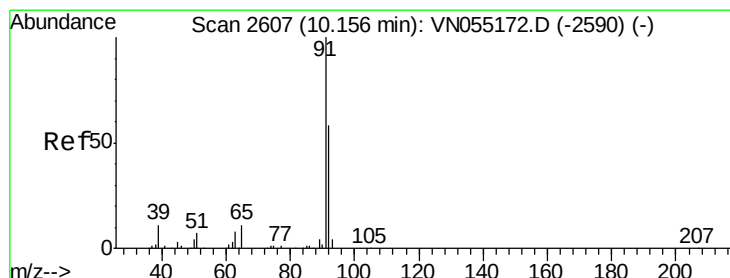
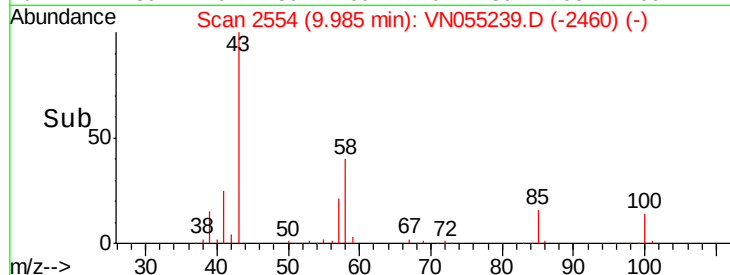
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.359 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055239.D

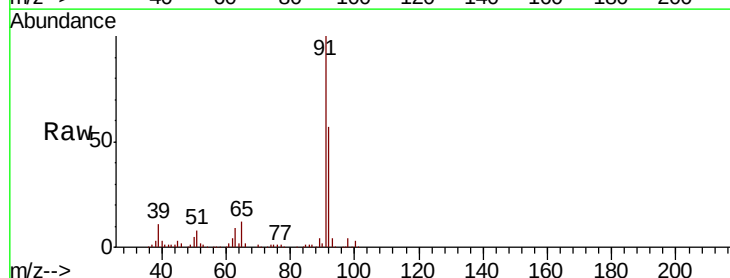
Acq: 25 Apr 2019 11:40

Tgt Ion: 92 Resp: 227239

Ion Ratio Lower Upper

92 100

91 176.4 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

200000

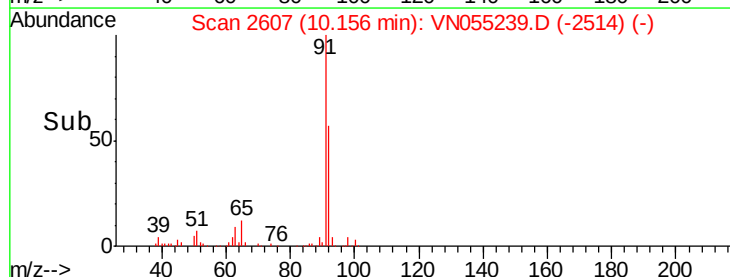
150000

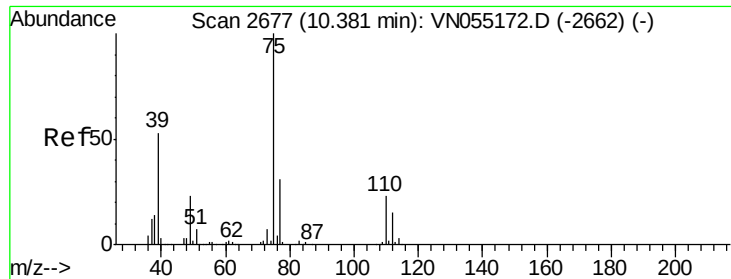
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.002 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

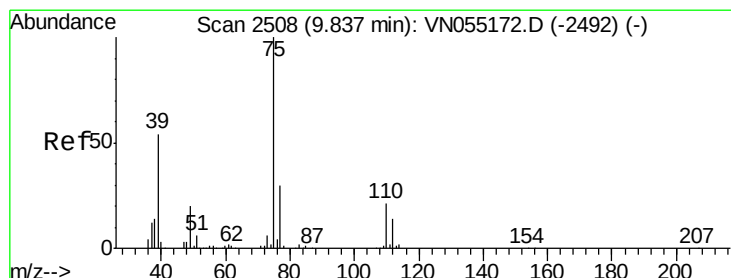
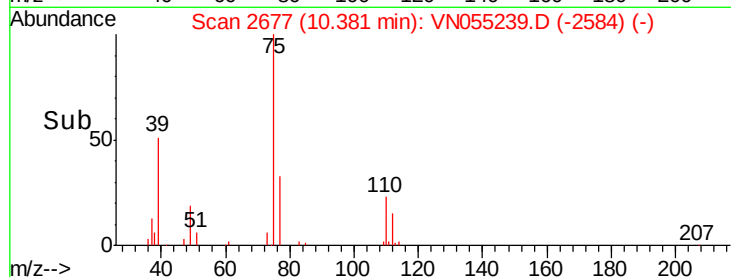
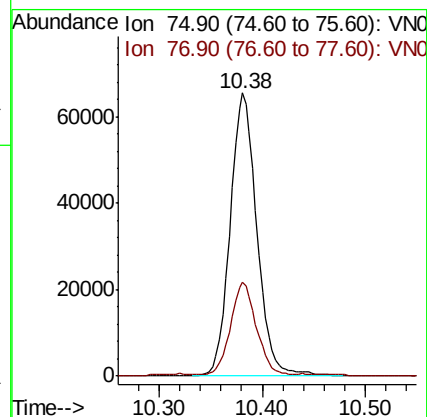
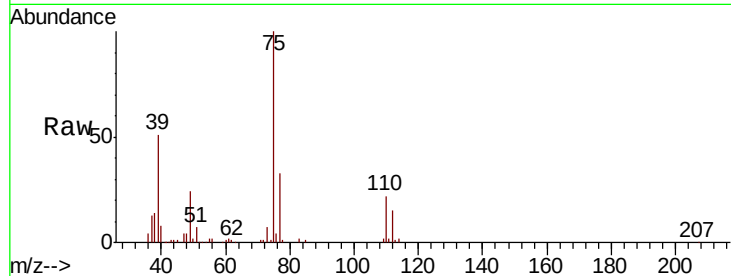
VN0425WBSD01

Tot Ion: 75 Resp: 118709

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.895 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

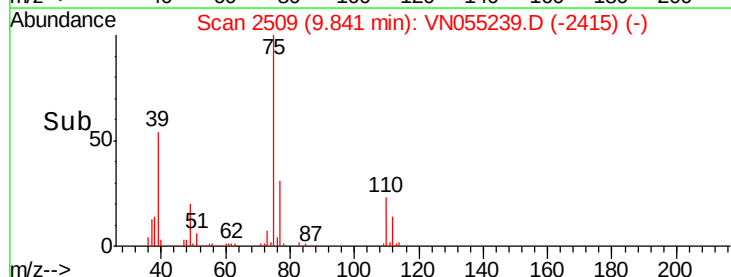
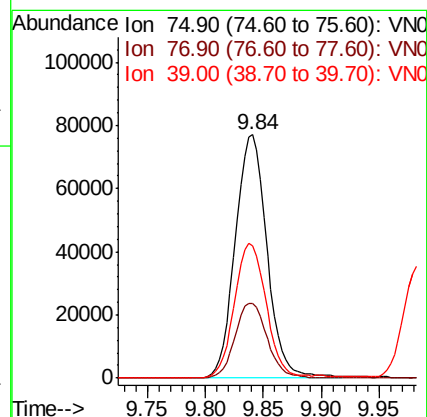
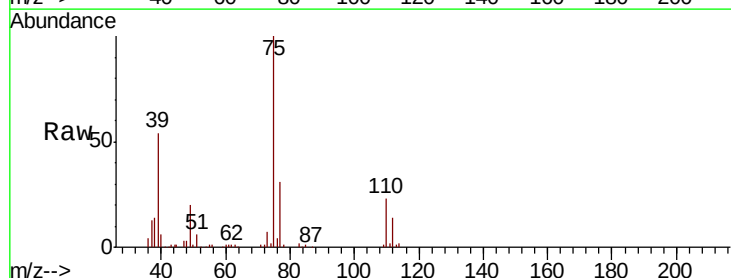
Tgt Ion: 75 Resp: 146561

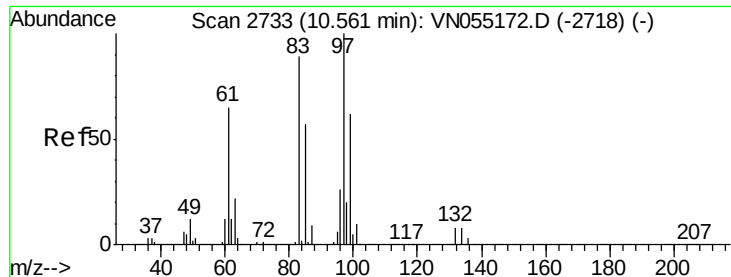
Ion Ratio Lower Upper

75 100

77 30.8 24.3 36.5

39 54.1 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 20.700 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tot Ion: 97 Resp: 85180

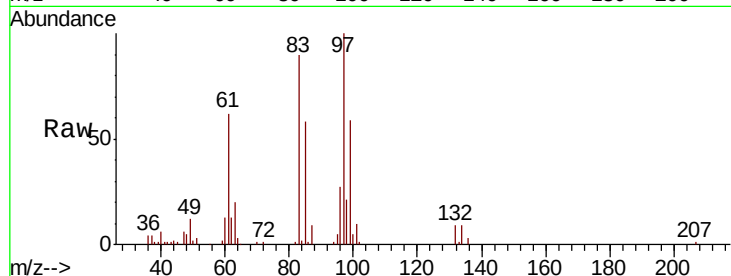
Ion Ratio Lower Upper

97 100

83 89.6 71.5 107.3

85 57.8 45.8 68.6

99 59.3 49.9 74.9

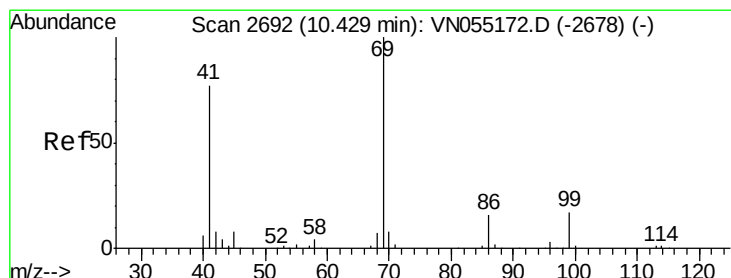
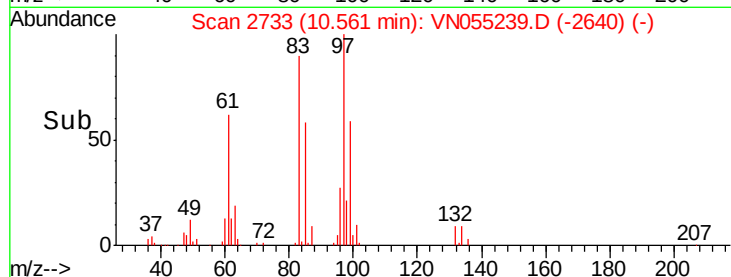
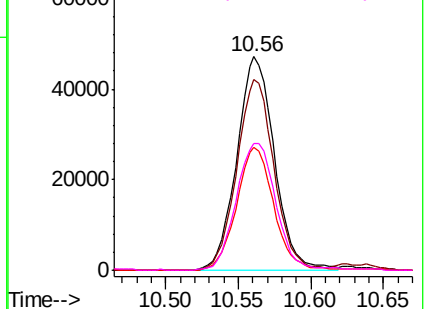


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 21.564 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

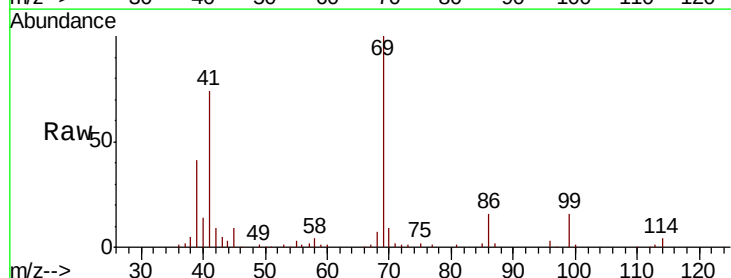
Tgt Ion: 69 Resp: 110540

Ion Ratio Lower Upper

69 100

41 75.0 60.6 90.8

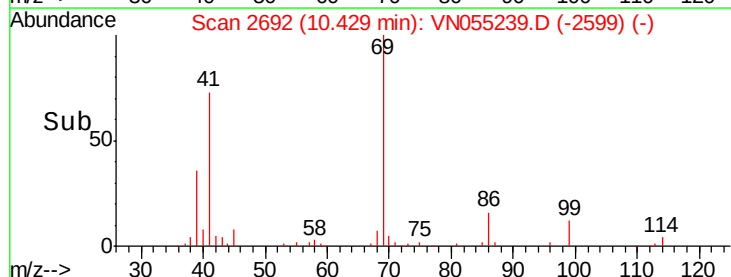
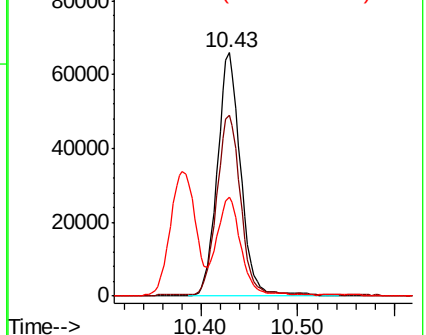
39 41.2 31.7 47.5

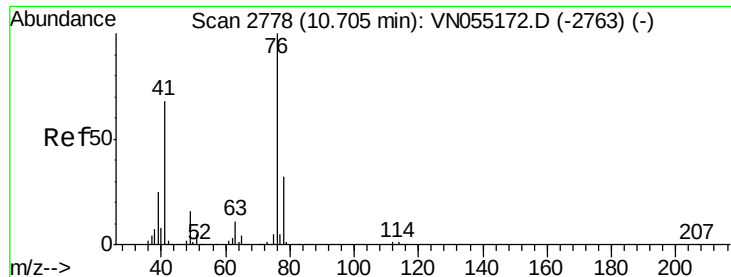


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.962 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

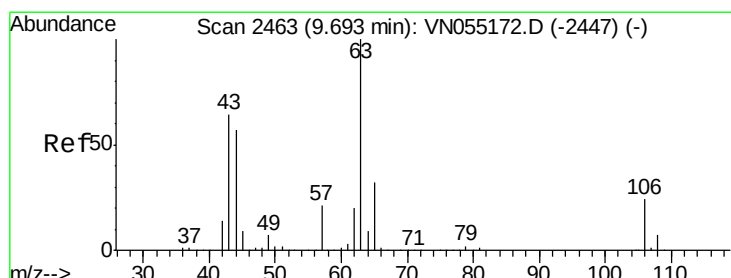
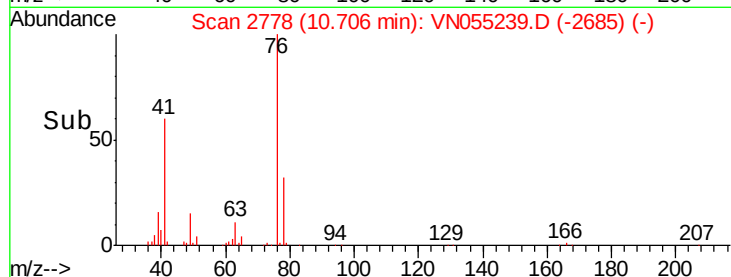
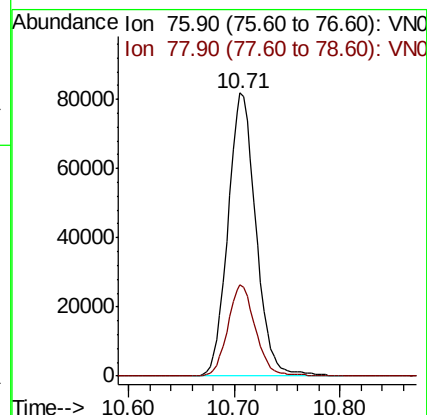
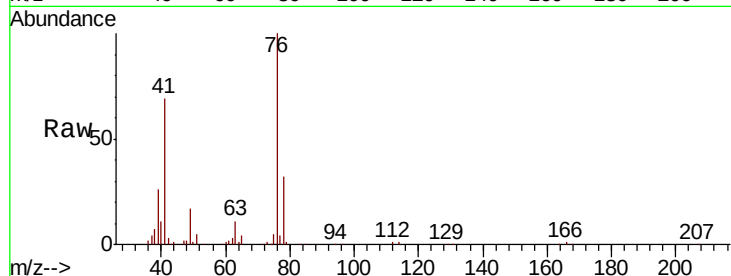
VN0425WBSD01

Tot Ion: 76 Resp: 150076

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 83.014 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055239.D

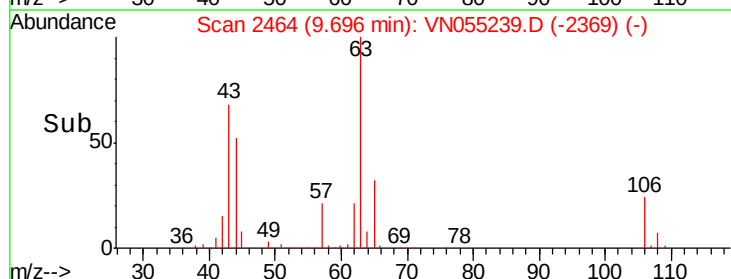
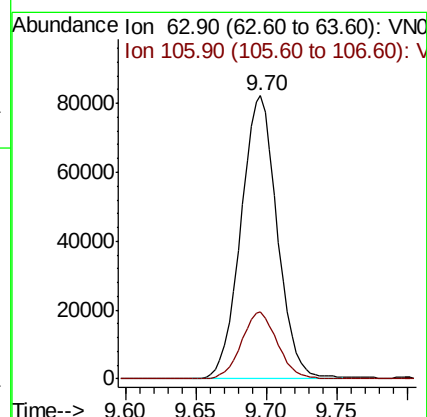
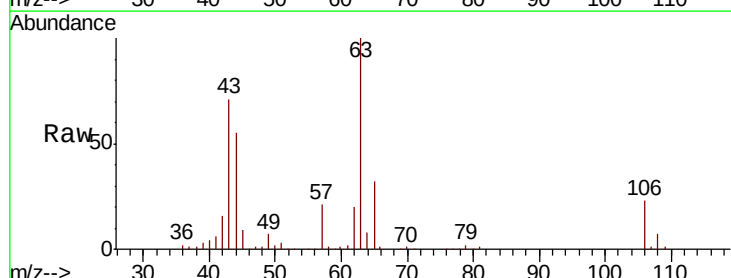
Acq: 25 Apr 2019 11:40

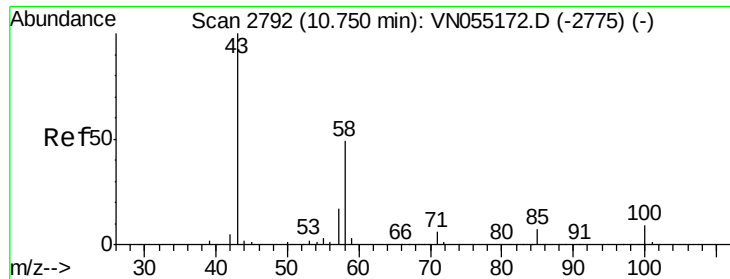
Tgt Ion: 63 Resp: 148385

Ion Ratio Lower Upper

63 100

106 23.5 19.4 29.0

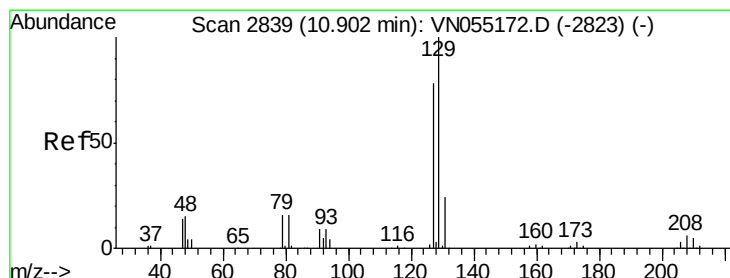
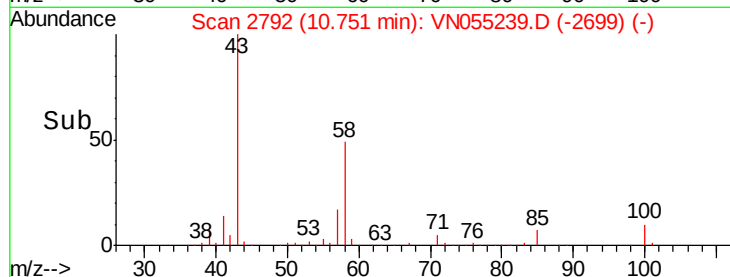
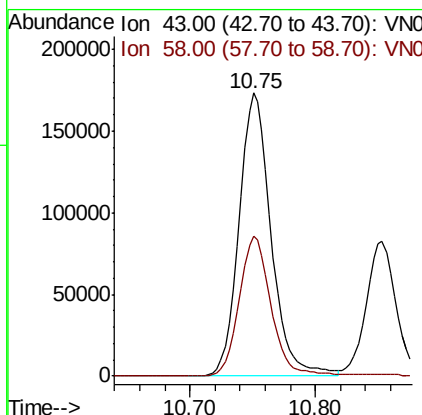
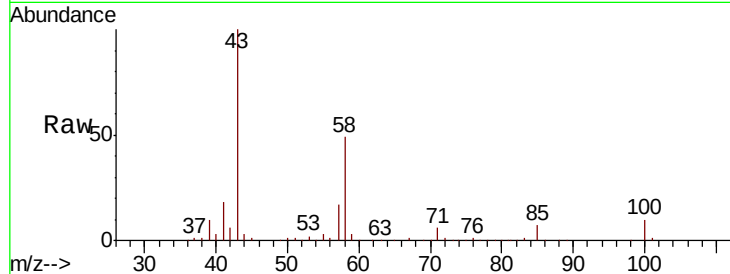




#59
2-Hexanone
Concen: 104.460 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

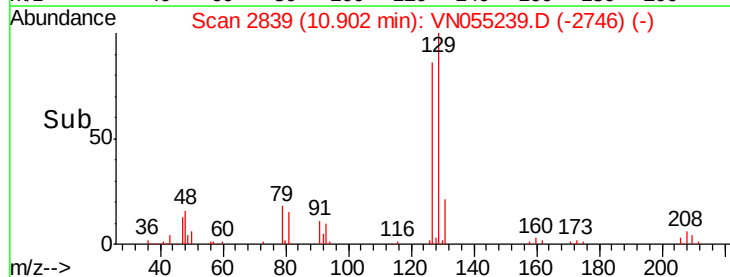
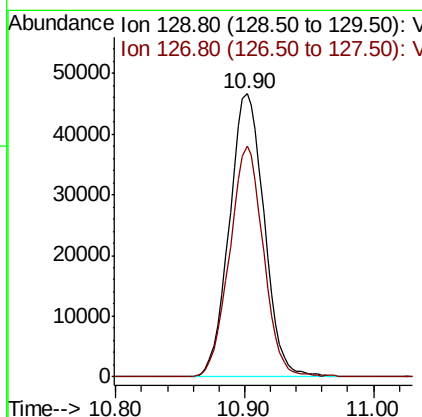
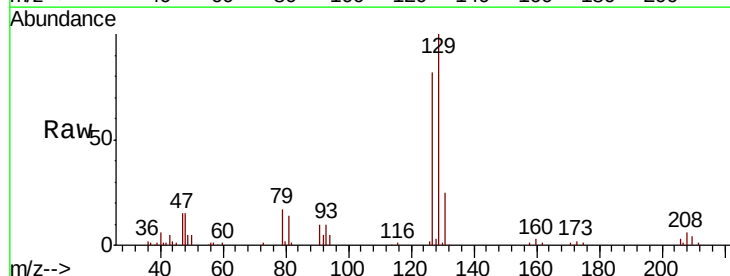
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

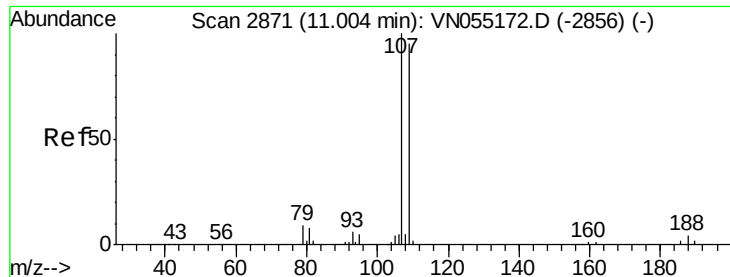
Tot Ion: 43 Resp: 306037
Ion Ratio Lower Upper
43 100
58 49.4 24.5 73.5



#60
Dibromochloromethane
Concen: 20.615 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 129 Resp: 87375
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.078 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

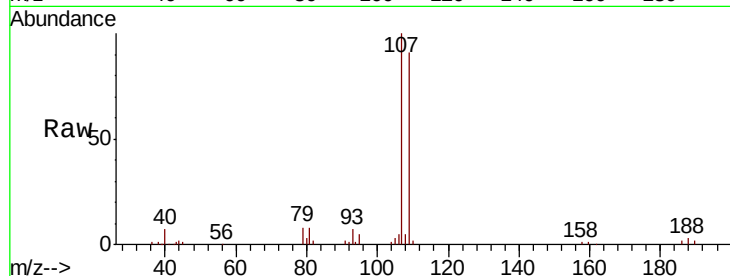
VN0425WBSD01

Tot Ion: 107 Resp: 81550

Ion Ratio Lower Upper

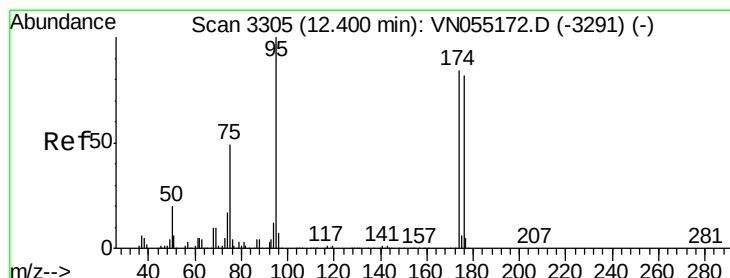
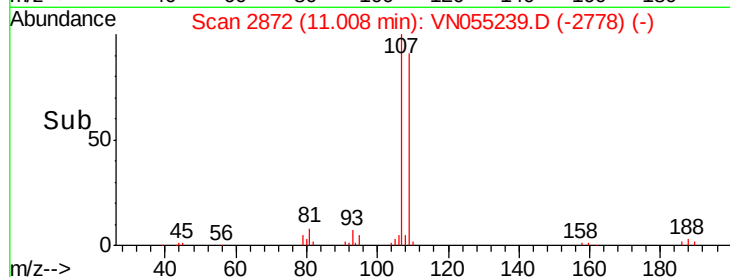
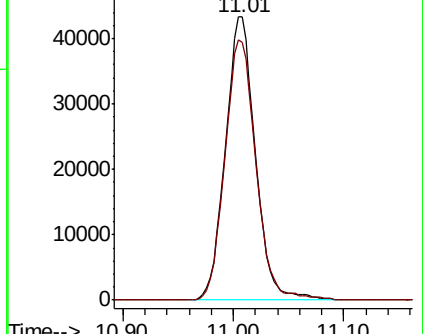
107 100

109 95.1 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: 48.782 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

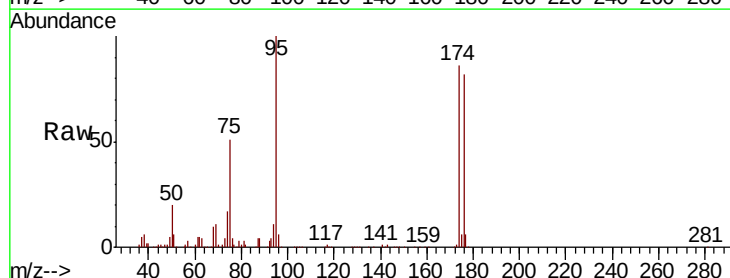
Tgt Ion: 95 Resp: 258390

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.4

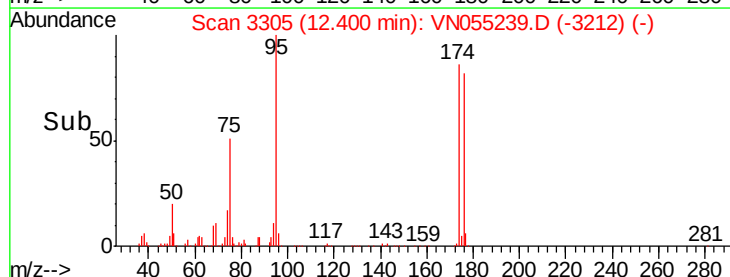
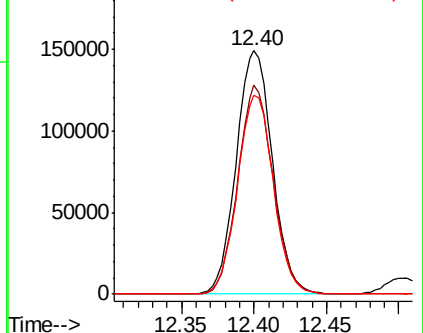
176 81.3 0.0 164.0

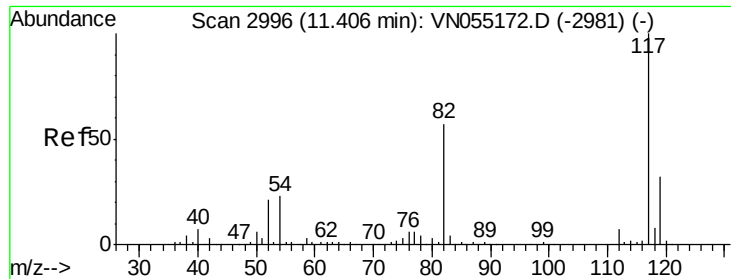


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

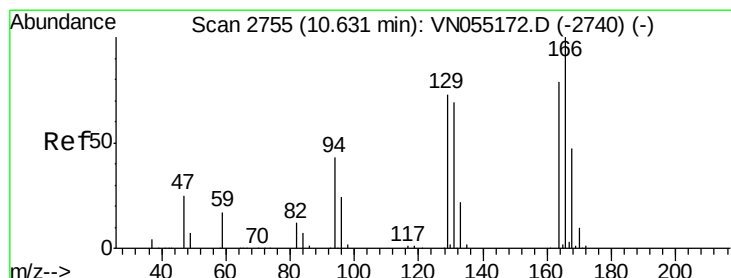
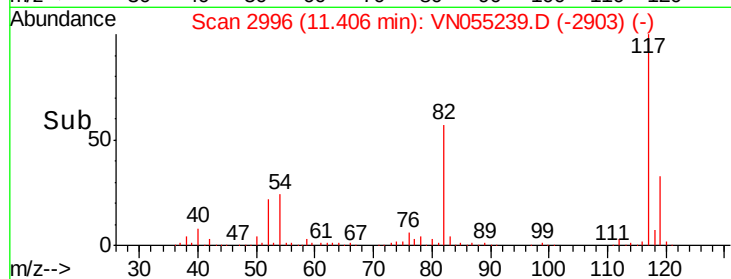
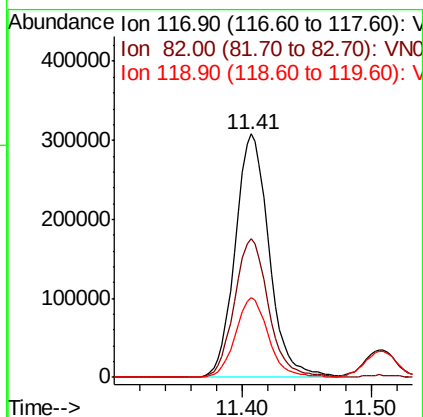
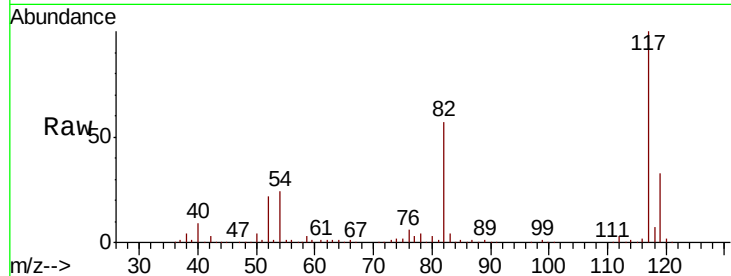




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

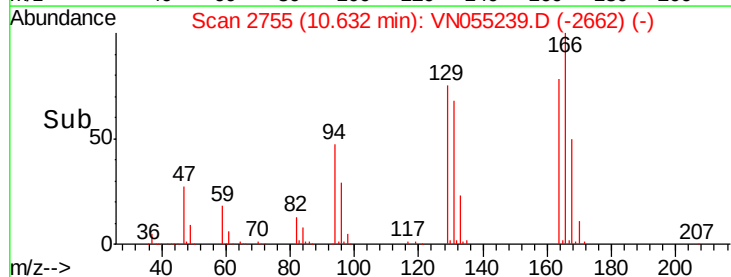
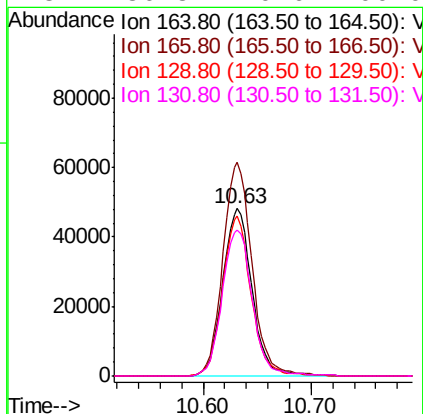
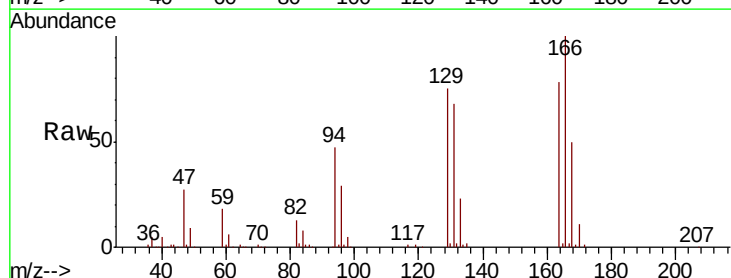
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

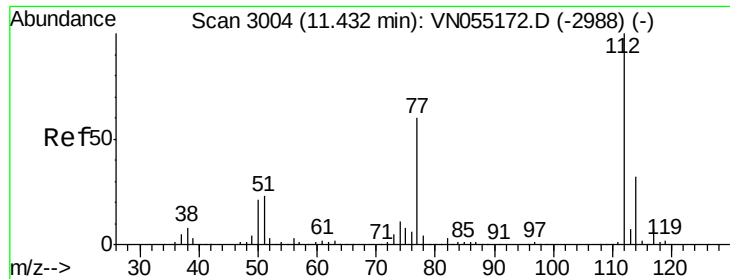
Tot Ion:117 Resp: 563116
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 19.860 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion:164 Resp: 91232
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 95.6 74.1 111.1
131 86.8 70.6 106.0

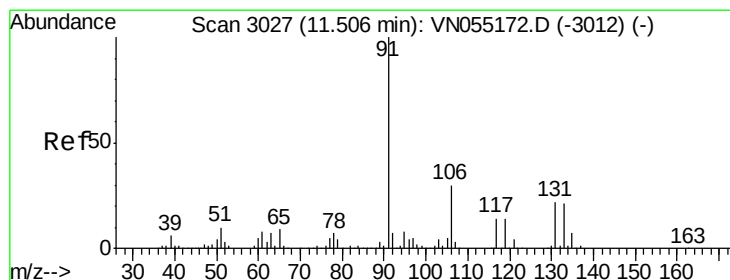
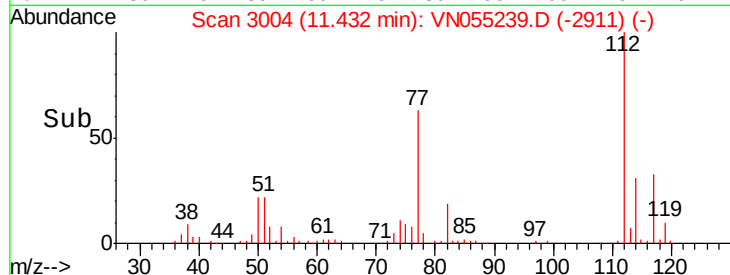
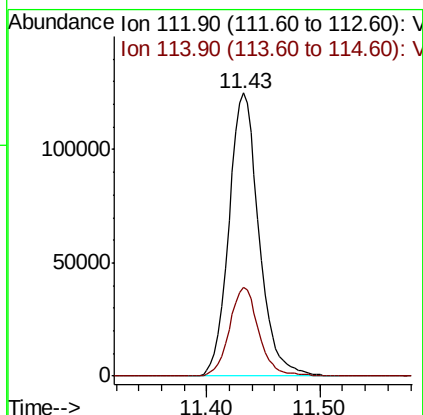
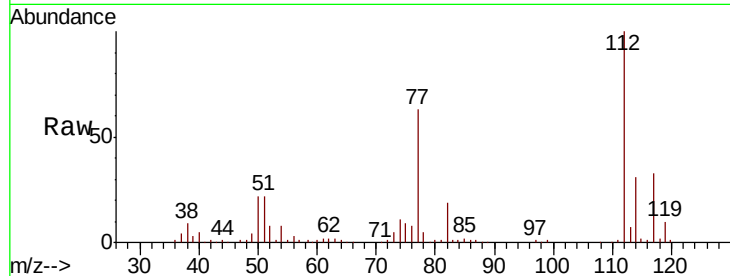




#65
Chlorobenzene
Concen: 20.073 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

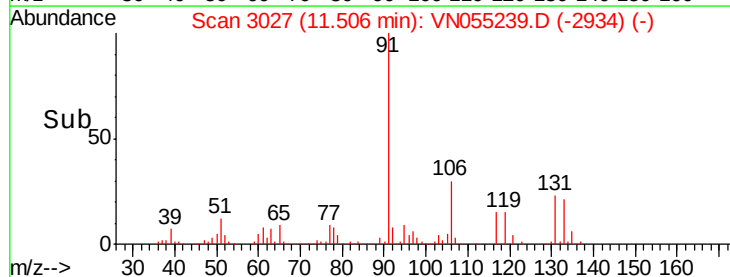
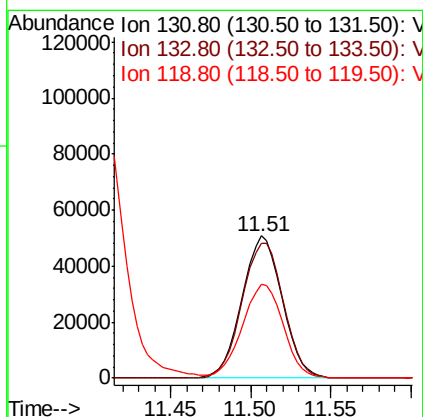
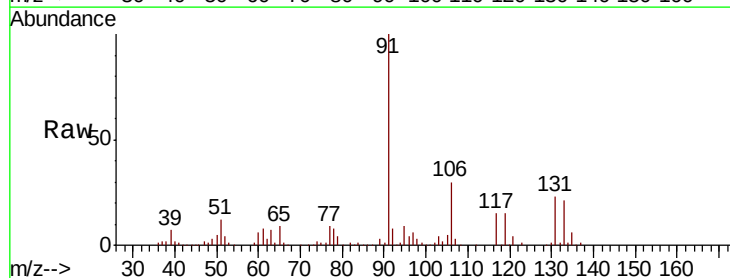
Instrument :
MSVOA_N
ClientSampled :
VN0425WBSD01

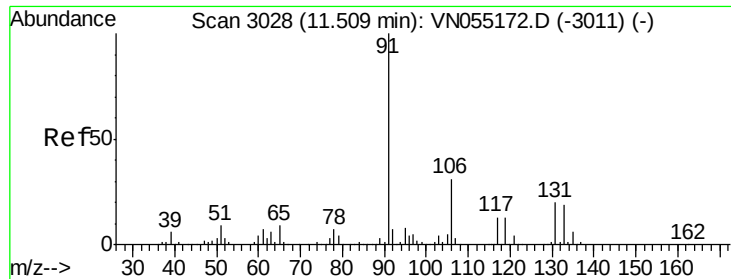
Tot Ion:112 Resp: 230719
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.437 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion:131 Resp: 87061
Ion Ratio Lower Upper
131 100
133 98.3 47.7 143.1
119 67.6 33.2 99.6

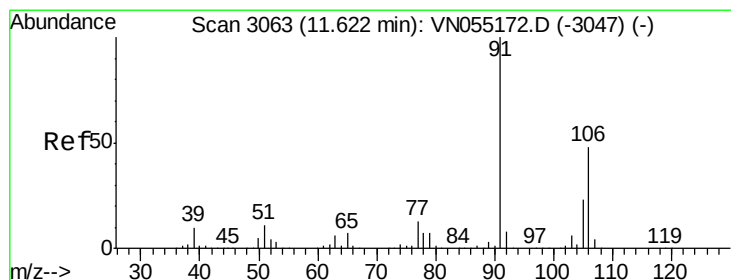
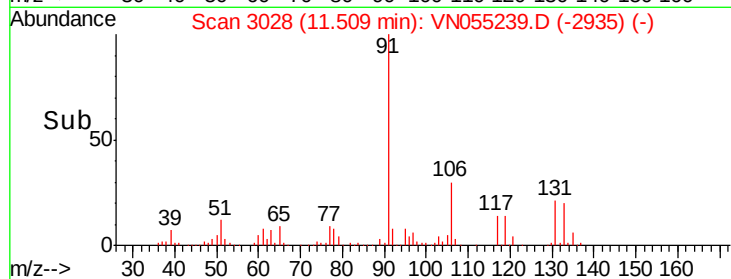
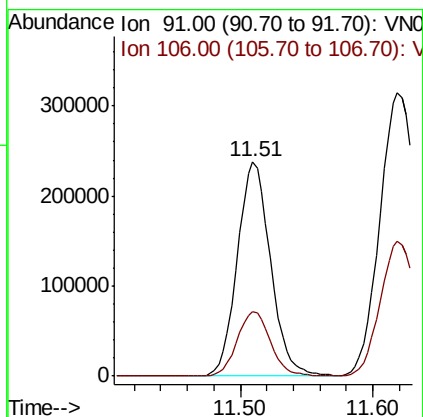
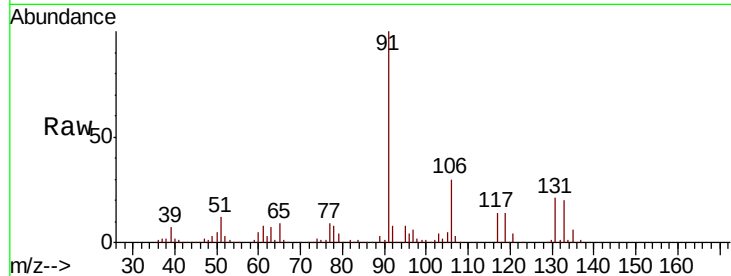




#67
Ethyl Benzene
Concen: 20.291 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

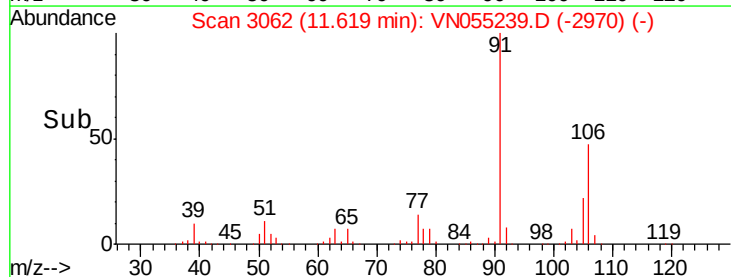
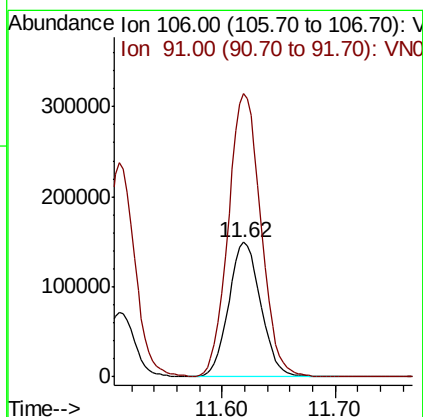
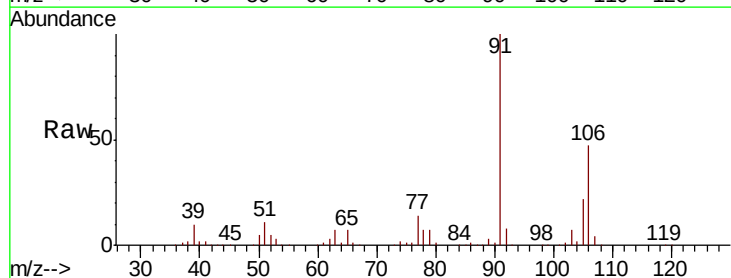
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

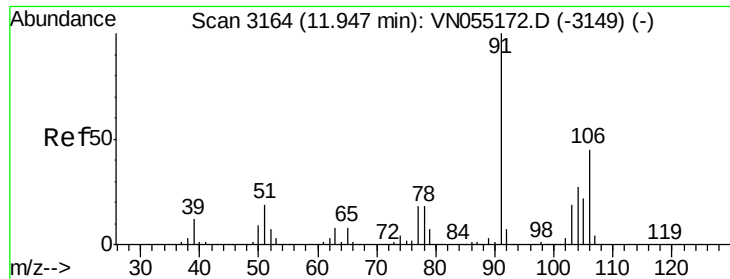
Tot Ion: 91 Resp: 415432
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 40.382 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 106 Resp: 296534
Ion Ratio Lower Upper
106 100
91 212.6 167.1 250.7

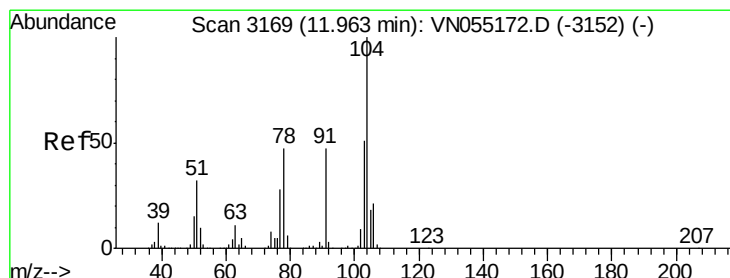
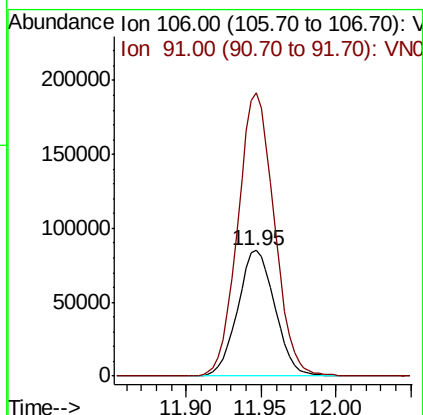
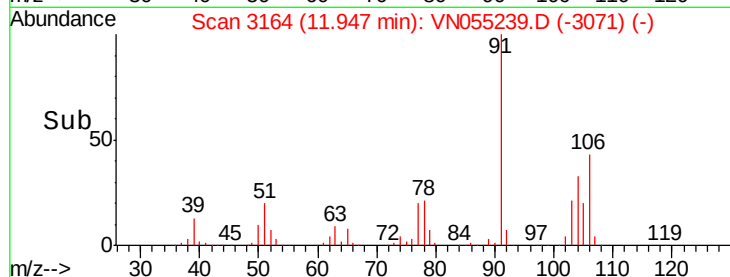
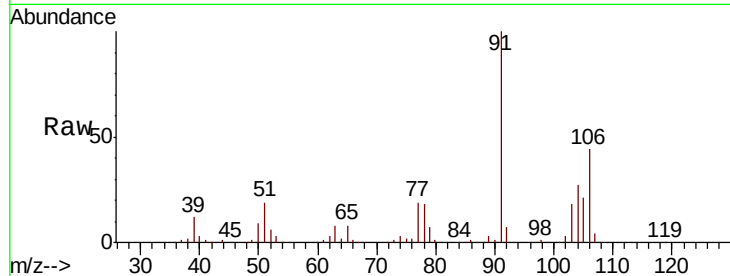




#69
o-Xylene
Concen: 20.143 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

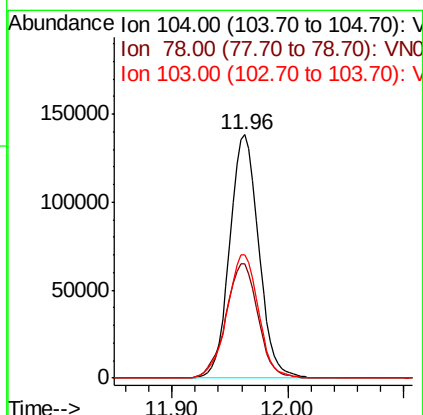
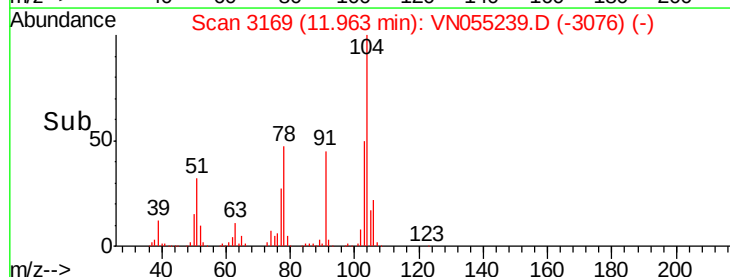
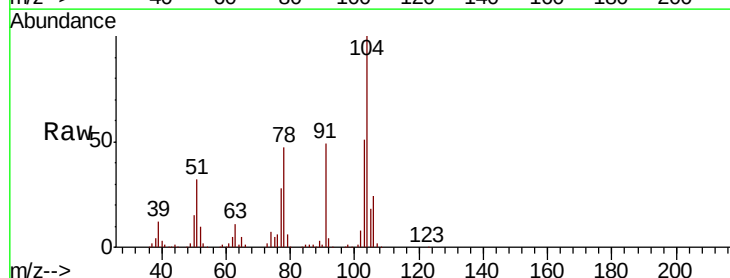
Instrument :
MSVOA_N
ClientSampled :
VN0425WBSD01

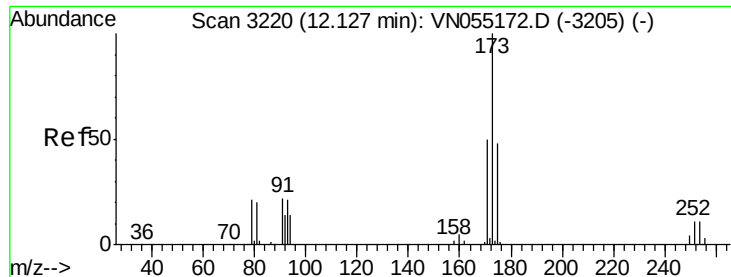
Tot Ion:106 Resp: 146792
Ion Ratio Lower Upper
106 100
91 221.3 110.6 331.8



#70
Styrene
Concen: 21.196 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion:104 Resp: 239435
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 55.1 44.2 66.4





#71

Bromoform

Concen: 20.679 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

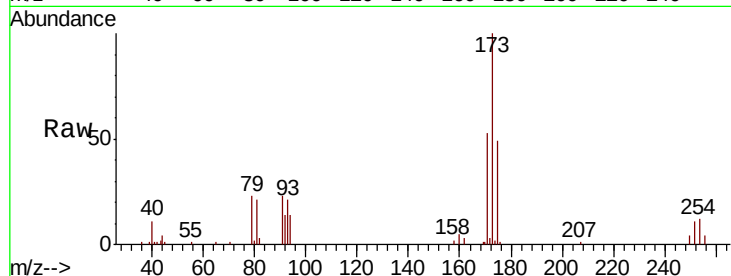
Tot Ion:173 Resp: 52568

Ion Ratio Lower Upper

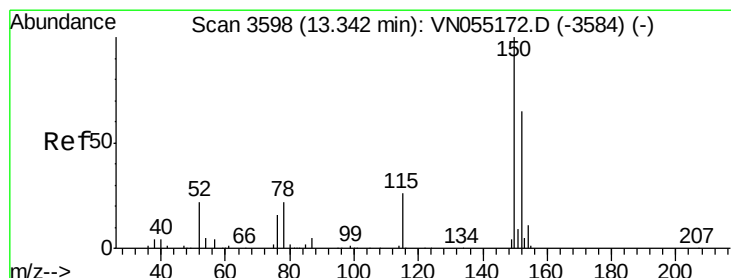
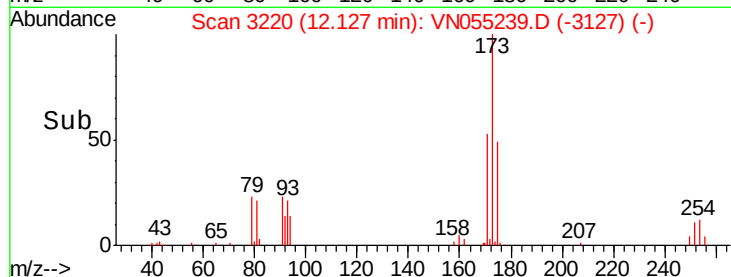
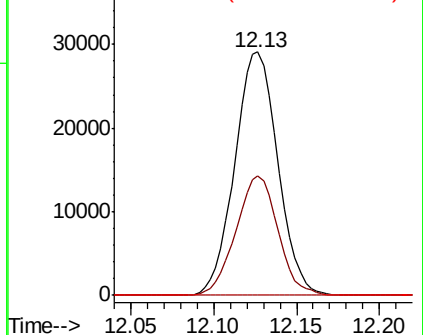
173 100

175 47.7 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: VN055239.D

Acq: 25 Apr 2019 11:40

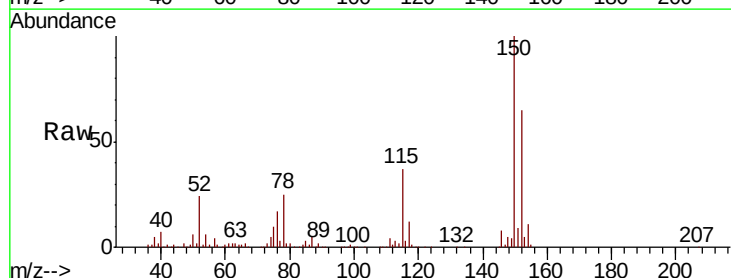
Tgt Ion:152 Resp: 210330

Ion Ratio Lower Upper

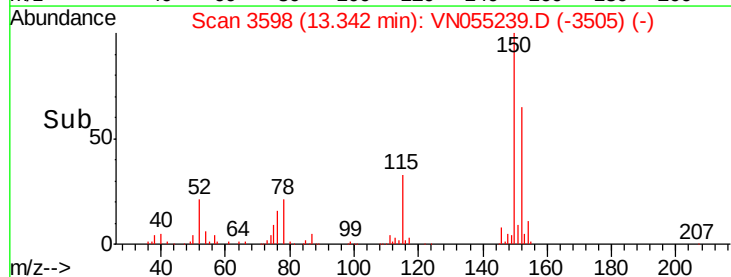
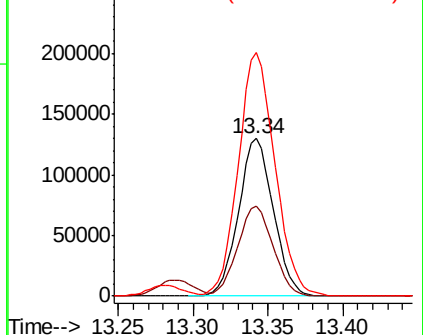
152 100

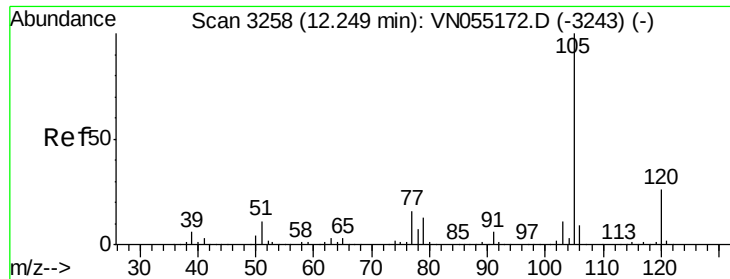
115 58.3 28.9 86.7

150 162.9 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: 22.295 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

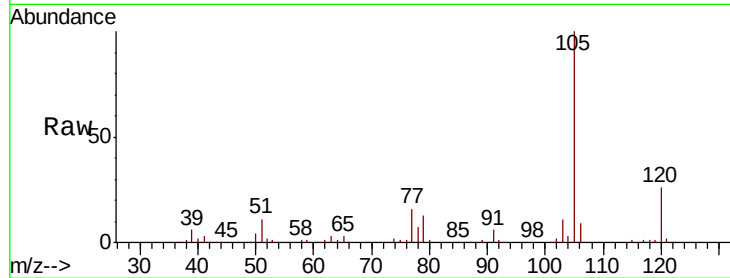
VN0425WBSD01

Tot Ion:105 Resp: 397909

Ion Ratio Lower Upper

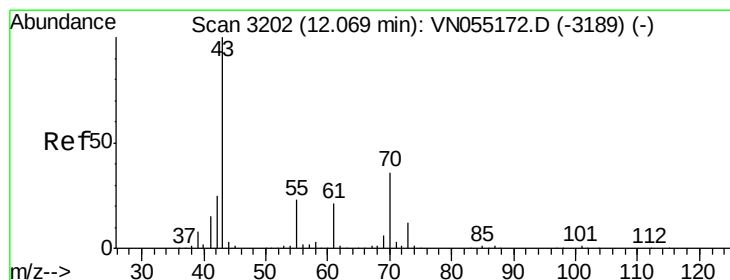
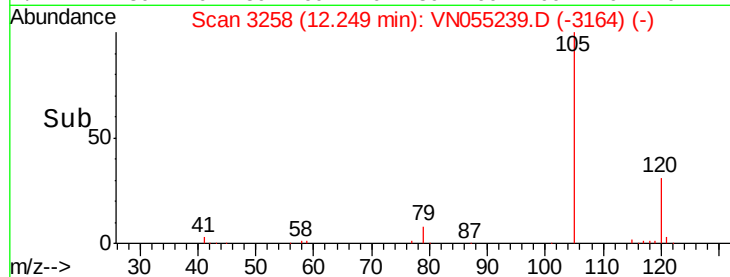
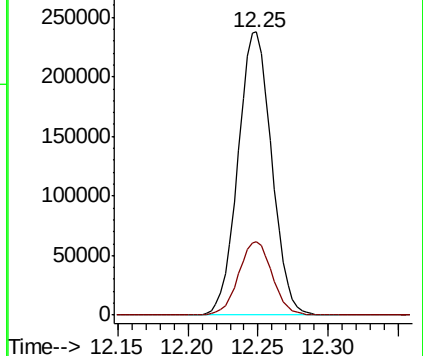
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.593 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Tgt Ion: 43 Resp: 117092

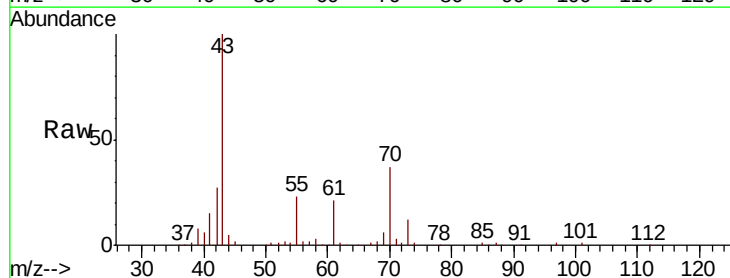
Ion Ratio Lower Upper

43 100

70 36.6 29.0 43.6

55 23.6 18.5 27.7

61 21.6 17.0 25.4

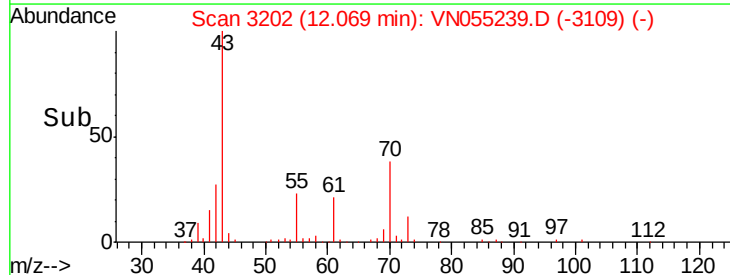
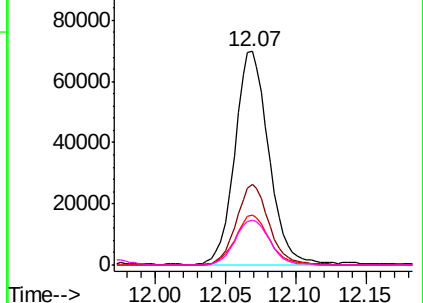


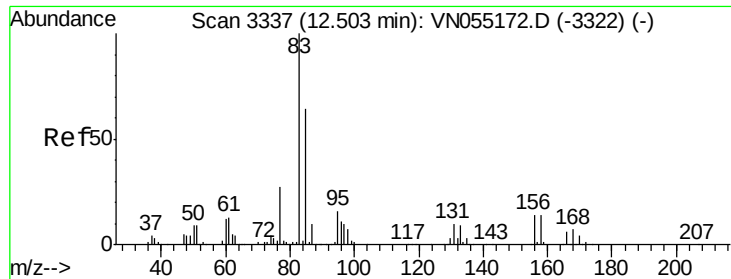
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.143 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

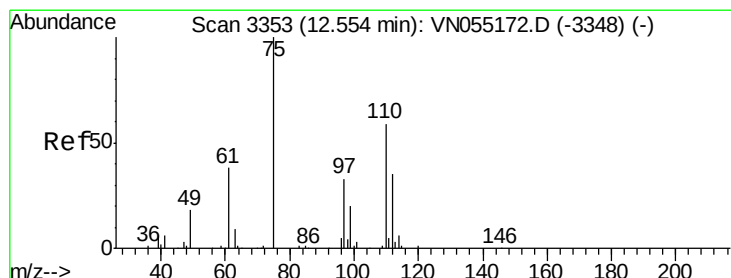
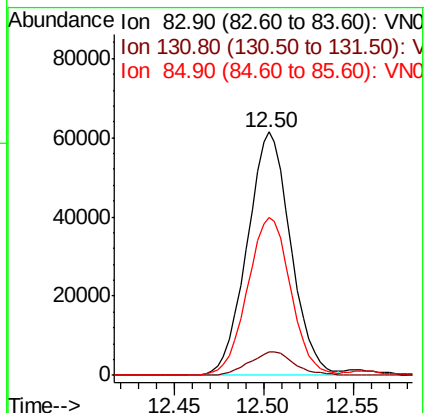
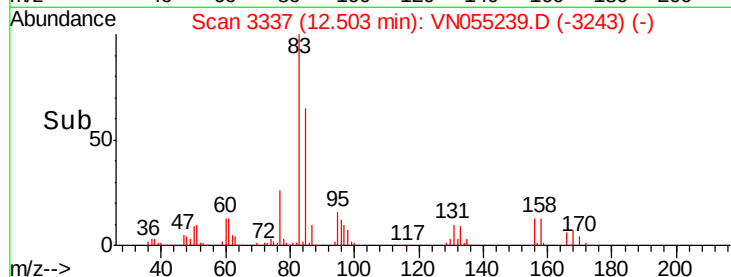
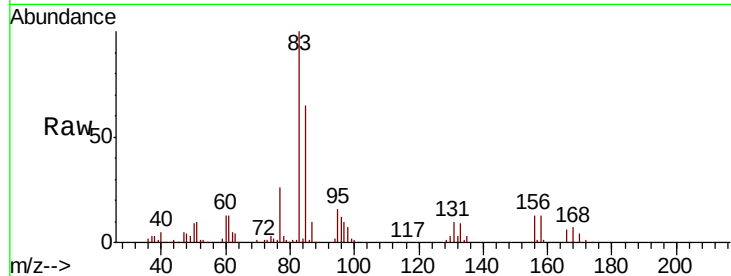
Tot Ion: 83 Resp: 104600

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 64.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.527 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055239.D

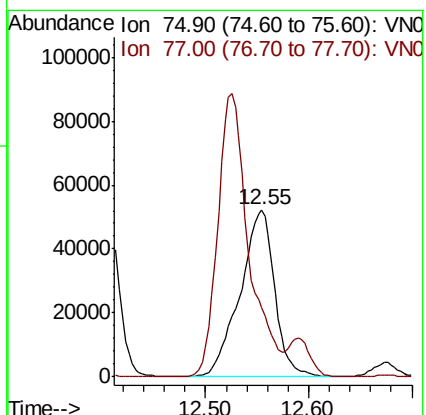
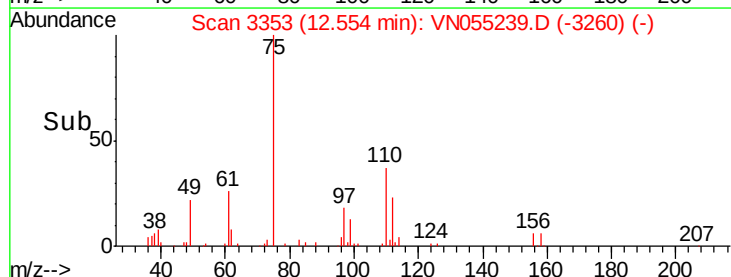
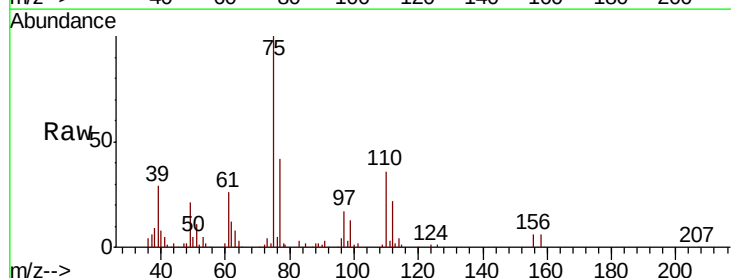
Acq: 25 Apr 2019 11:40

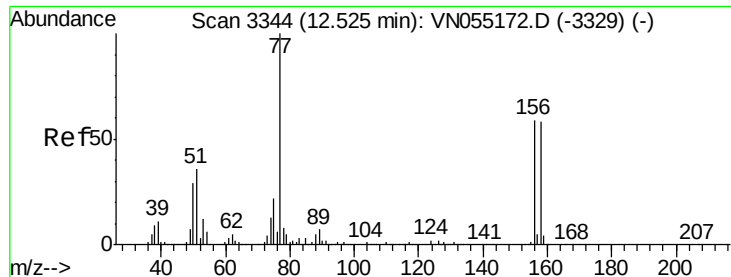
Tgt Ion: 75 Resp: 121727

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.060 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

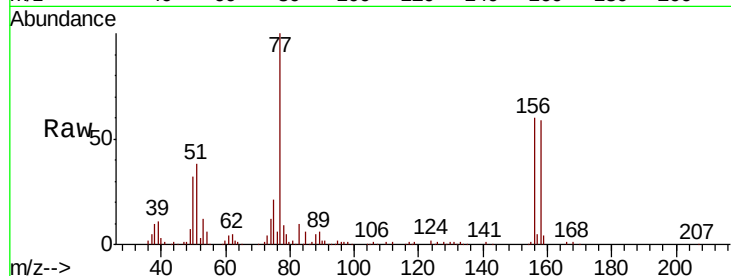
Tot Ion:156 Resp: 93145

Ion Ratio Lower Upper

156 100

77 198.9 98.0 293.9

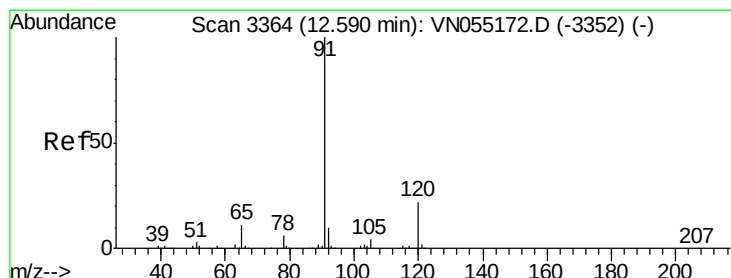
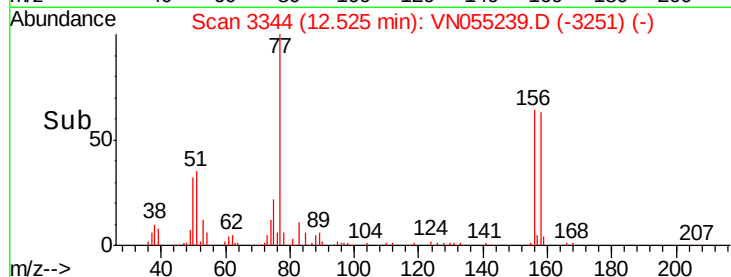
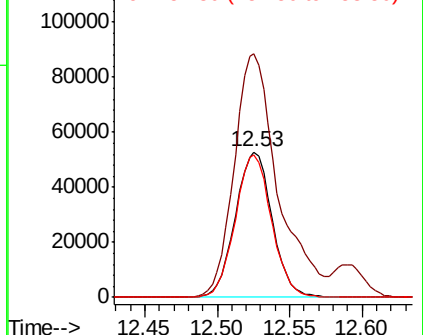
158 96.8 48.9 146.8



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: 20.045 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055239.D

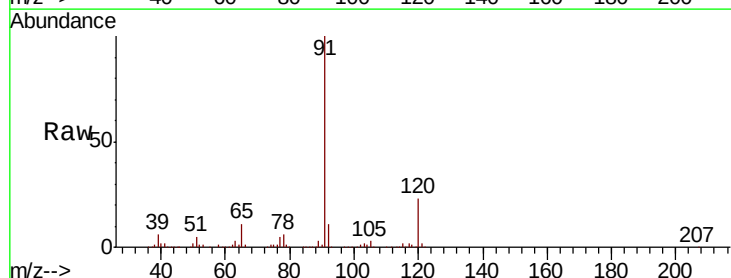
Acq: 25 Apr 2019 11:40

Tgt Ion: 91 Resp: 422824

Ion Ratio Lower Upper

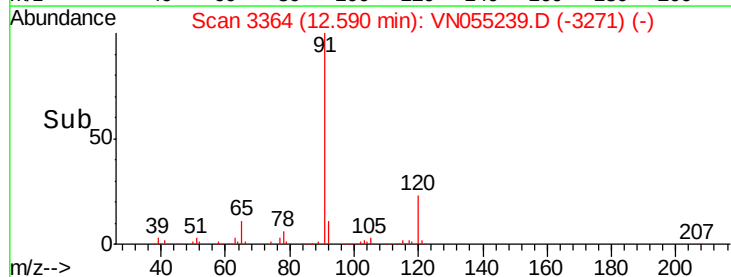
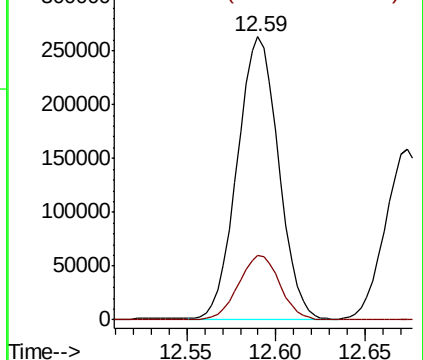
91 100

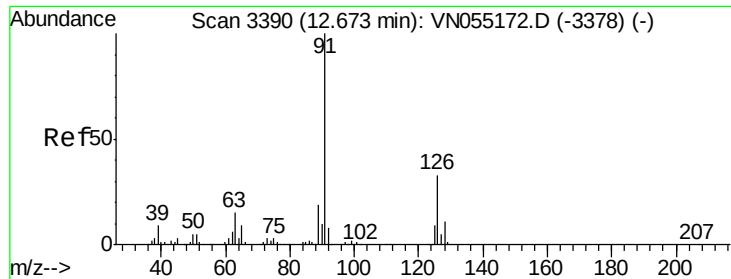
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.075 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

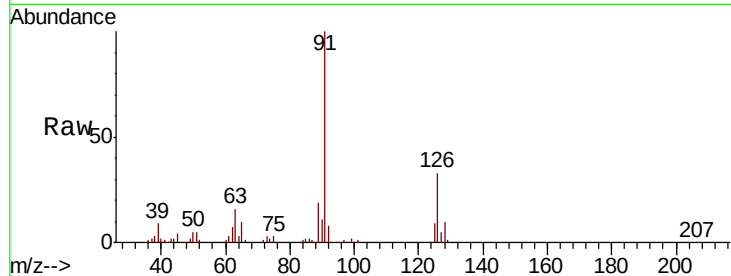
VN0425WBSD01

Tot Ion: 91 Resp: 267387

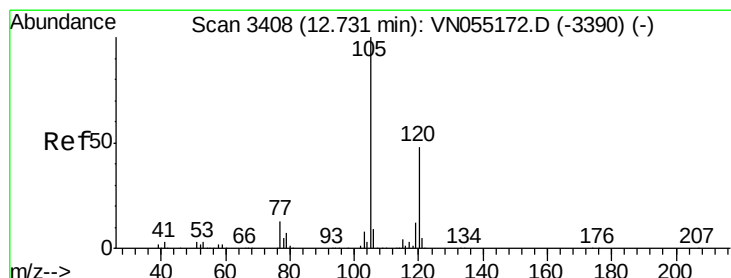
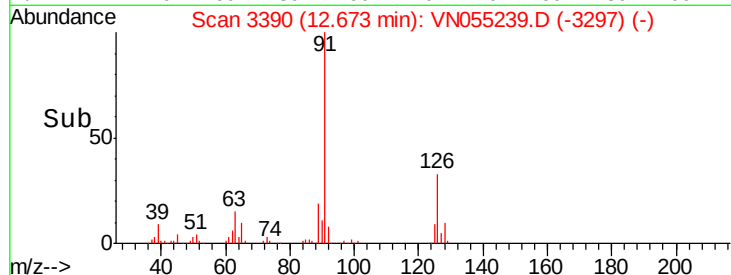
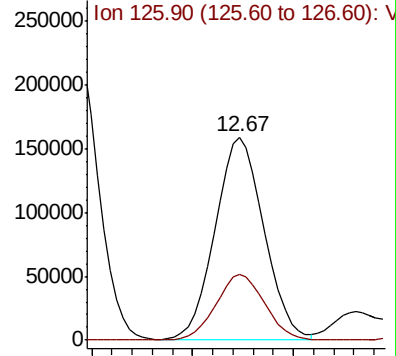
Ion Ratio Lower Upper

91 100

126 32.6 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.534 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055239.D

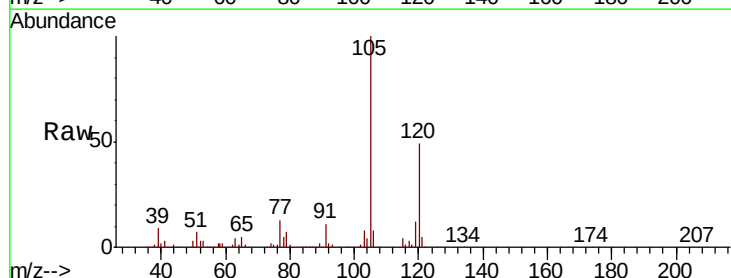
Acq: 25 Apr 2019 11:40

Tgt Ion:105 Resp: 323314

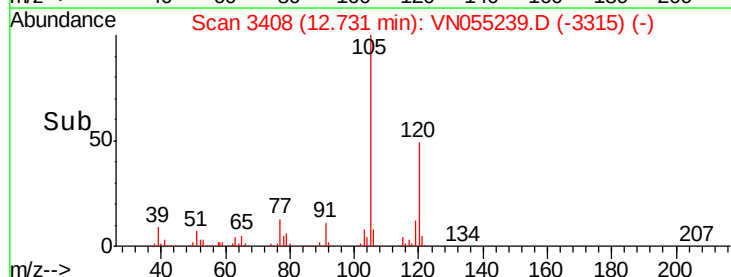
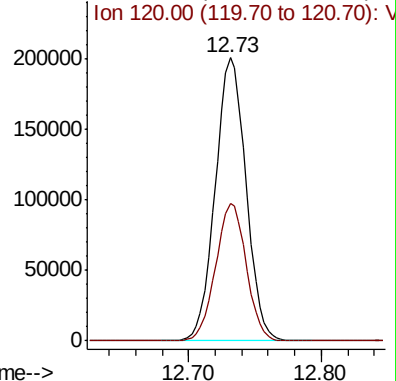
Ion Ratio Lower Upper

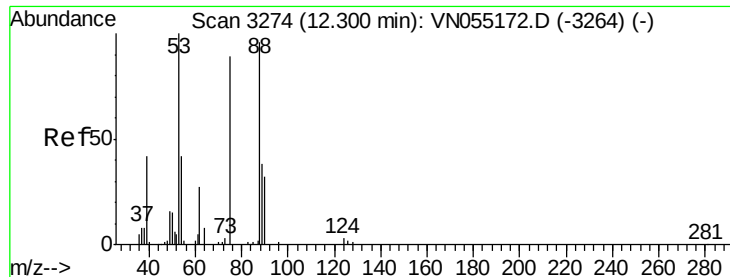
105 100

120 48.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

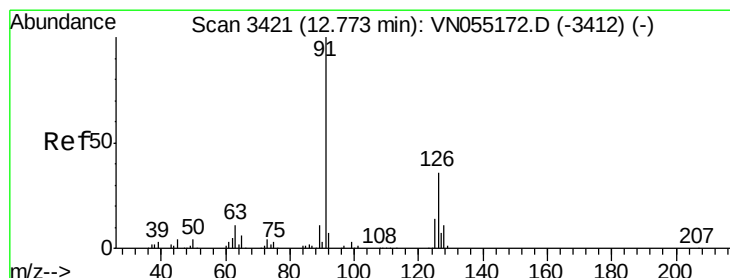
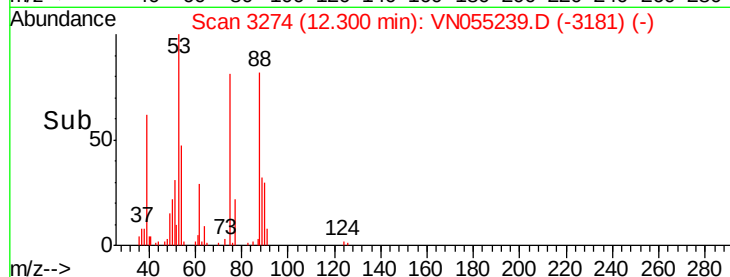
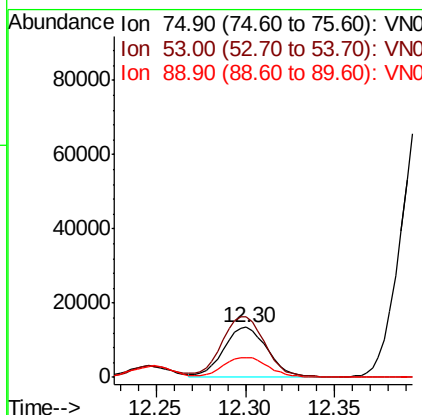
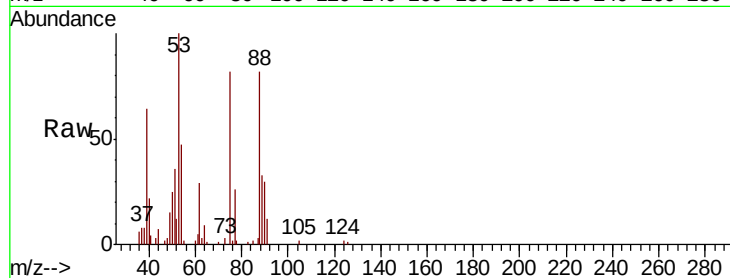




#81
trans-1,4-Dichloro-2-butene
Concen: 20.670 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

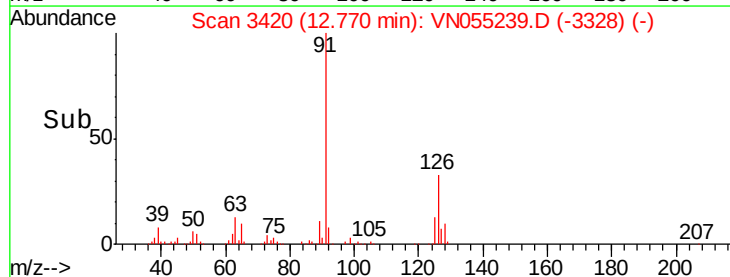
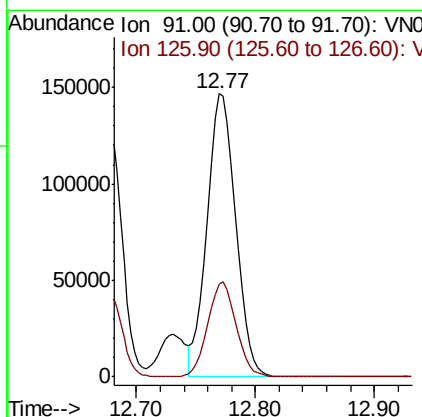
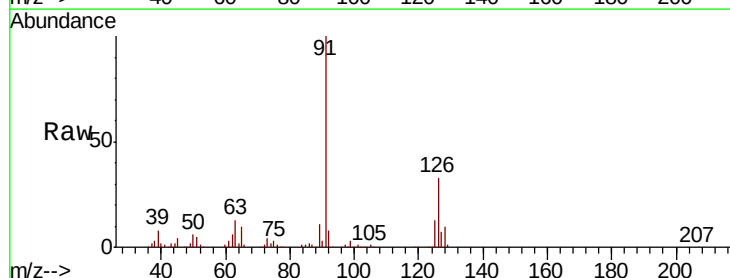
Instrument :
MSVOA_N
ClientSampled :
VN0425WBSD01

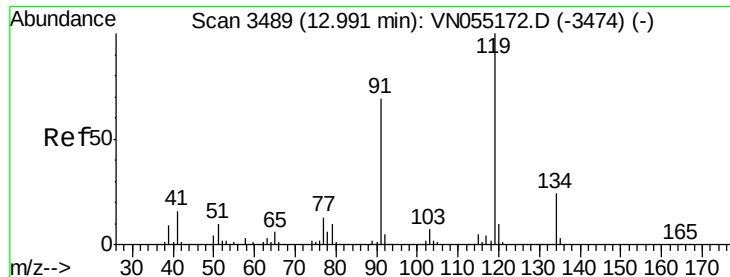
Tot Ion: 75 Resp: 23267
Ion Ratio Lower Upper
75 100
53 119.8 90.1 135.1
89 40.6 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.060 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN055239.D
Acq: 25 Apr 2019 11:40

Tgt Ion: 91 Resp: 245831
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

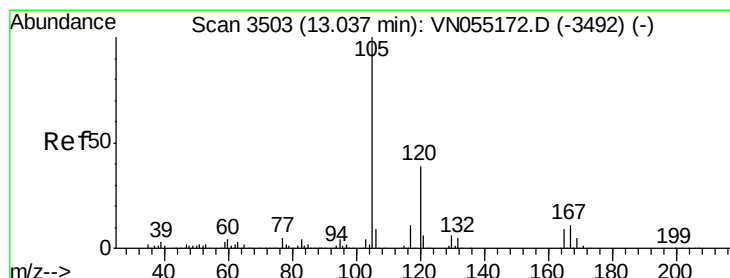
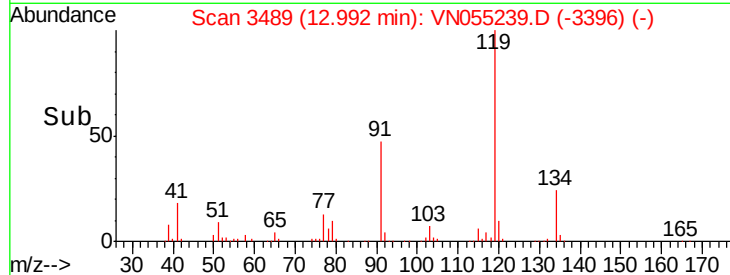
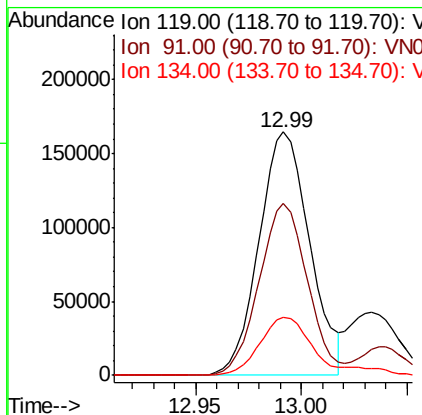
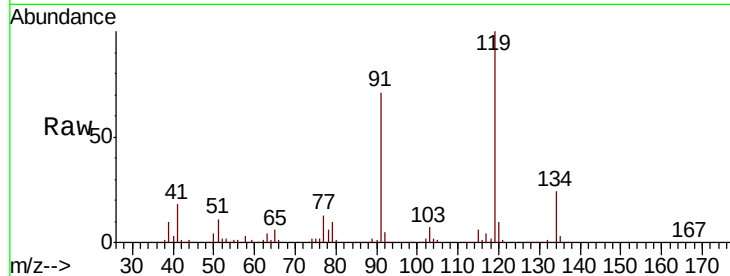




#83
 tert-Butylbenzene
 Concen: 22.064 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

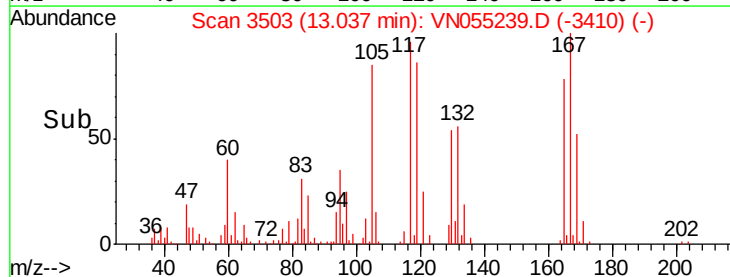
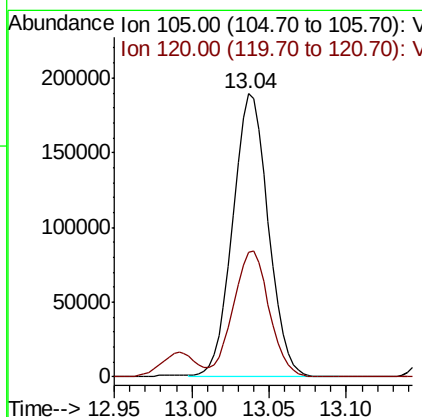
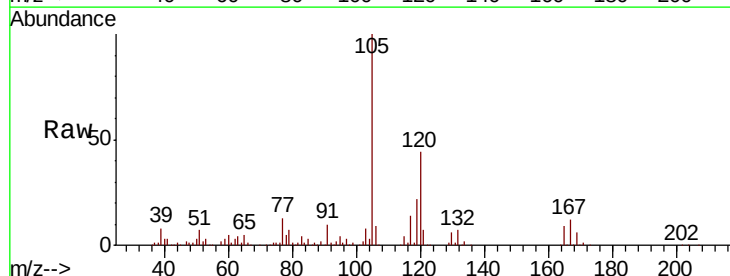
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

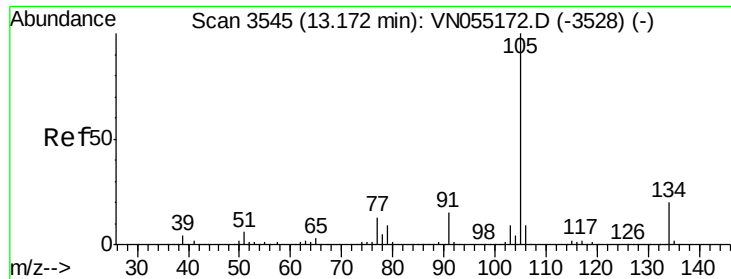
Tot Ion:119 Resp: 275576
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.8 101.3
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.297 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion:105 Resp: 301581
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.881 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

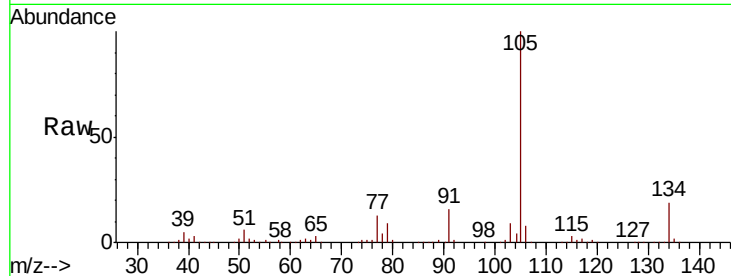
VN0425WBSD01

Tot Ion:105 Resp: 354133

Ion Ratio Lower Upper

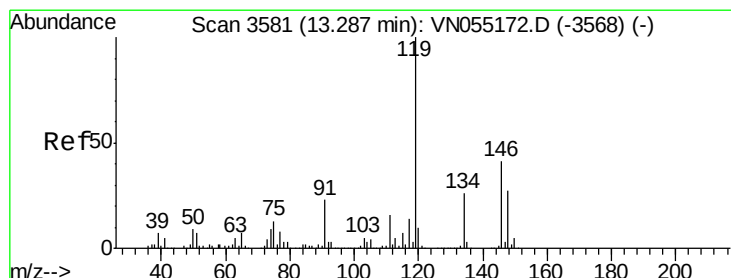
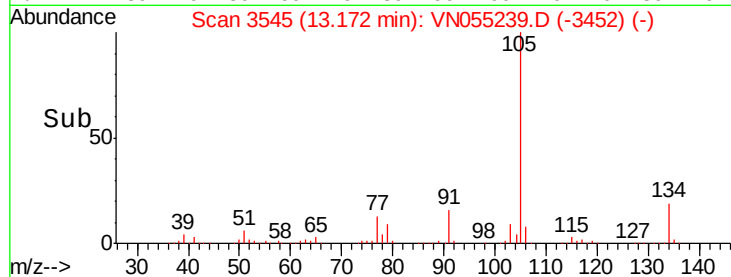
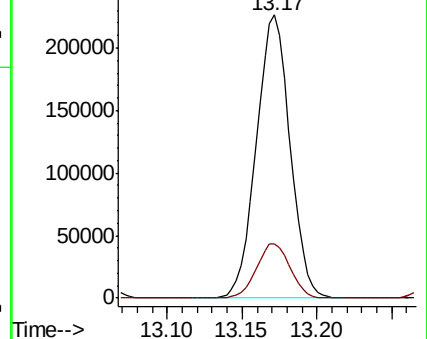
105 100

134 19.3 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: 20.088 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

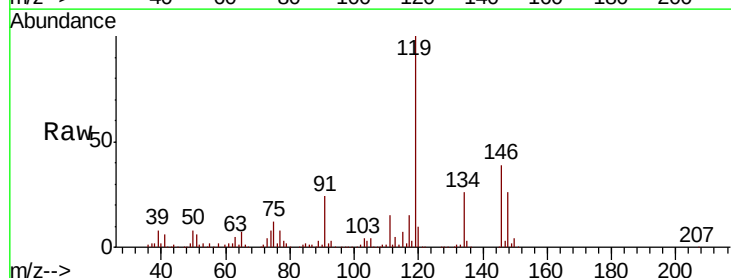
Tgt Ion:119 Resp: 294799

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

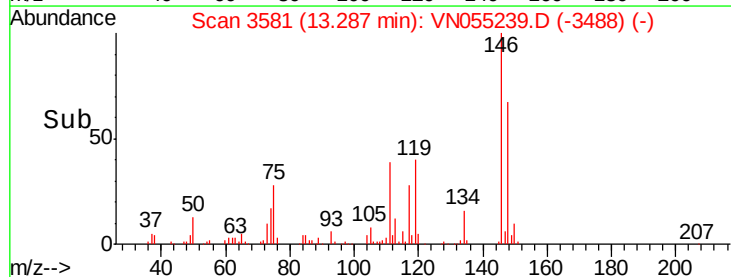
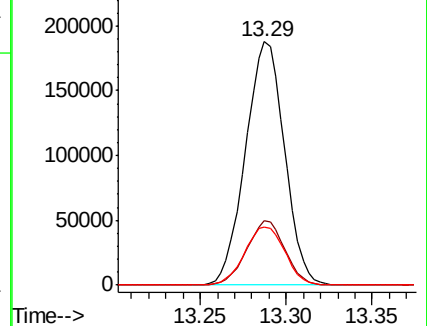
91 24.8 11.8 35.3

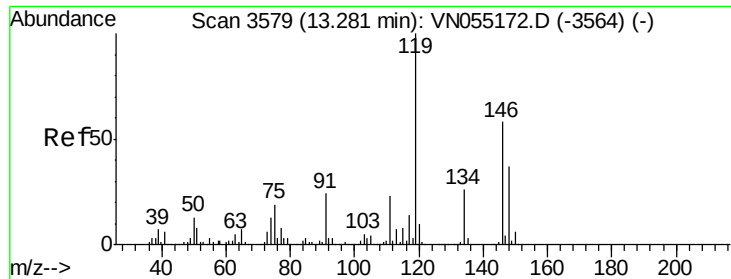


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

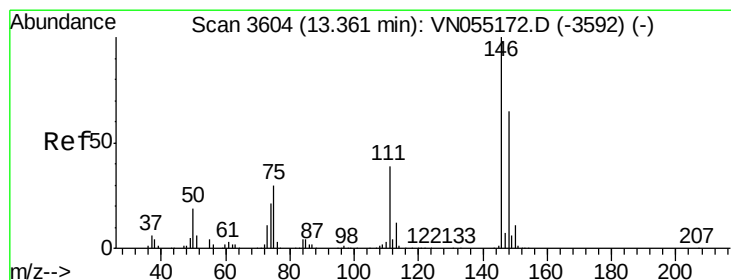
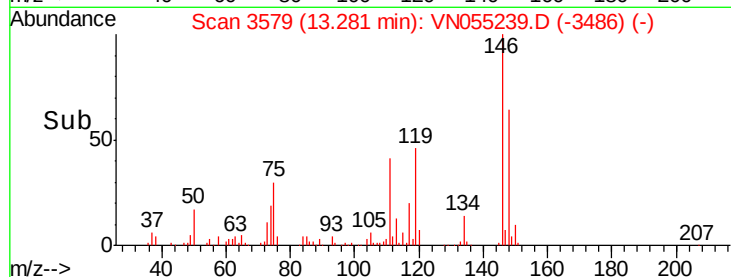
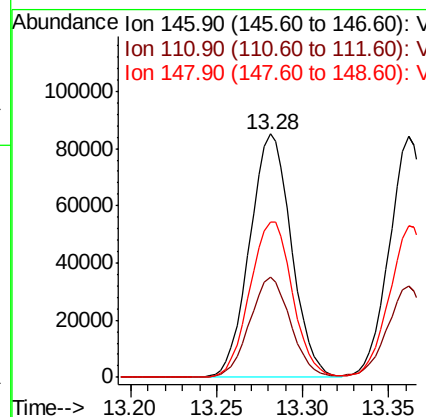
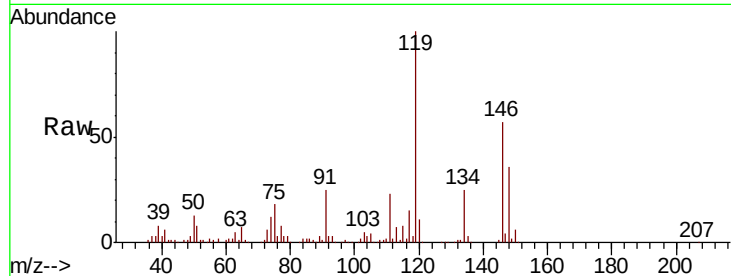




#87
 1,3-Dichlorobenzene
 Concen: 20.039 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

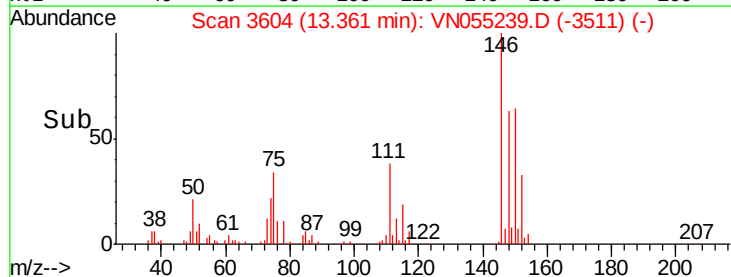
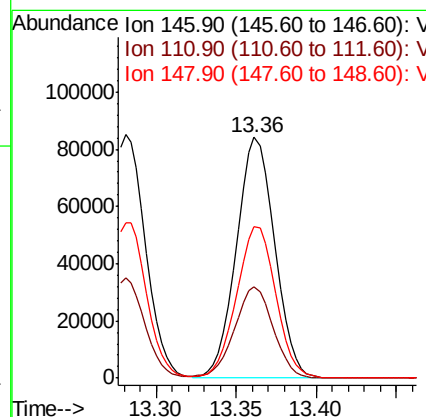
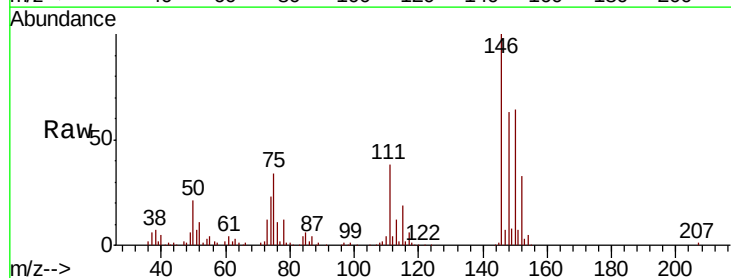
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

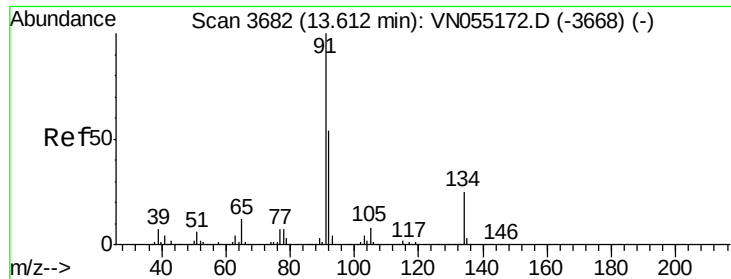
Tot Ion:146 Resp: 142839
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.1
 148 65.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion:146 Resp: 137361
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 64.5 32.9 98.6





#89

n-Butylbenzene

Concen: 18.833 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampled :

VN0425WBSD01

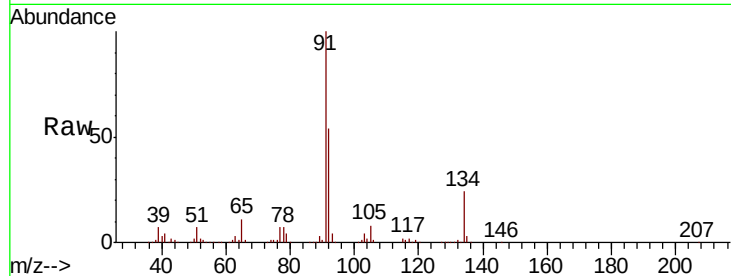
Tot Ion: 91 Resp: 204859

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.2

134 25.0 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN055239.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055239.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055239.D (-3682) (-)

13.61

150000

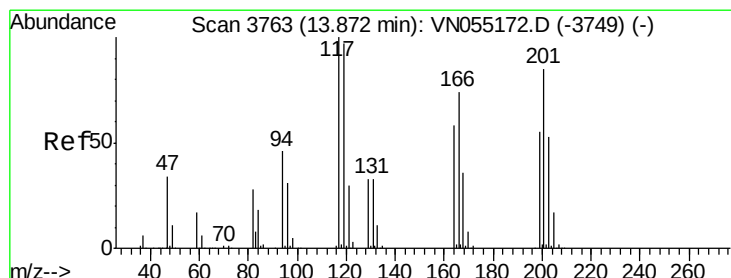
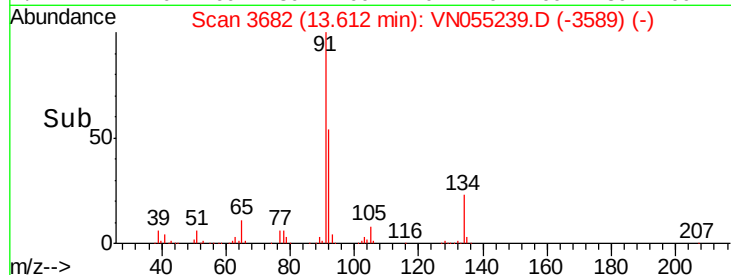
100000

50000

0

13.55 13.60 13.65

Time-->



#90

Hexachloroethane

Concen: 19.458 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055239.D

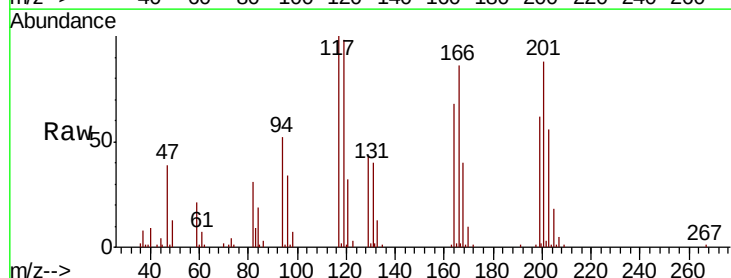
Acq: 25 Apr 2019 11:40

Tgt Ion: 117 Resp: 50643

Ion Ratio Lower Upper

117 100

201 84.1 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055239.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055239.D (-3763) (-)

13.87

30000

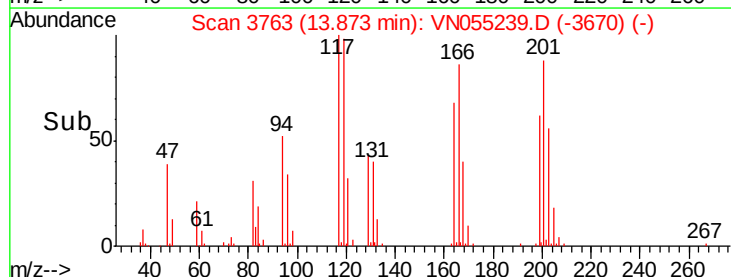
20000

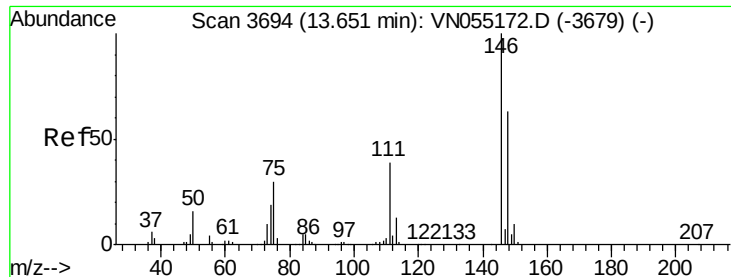
10000

0

13.80 13.85 13.90

Time-->

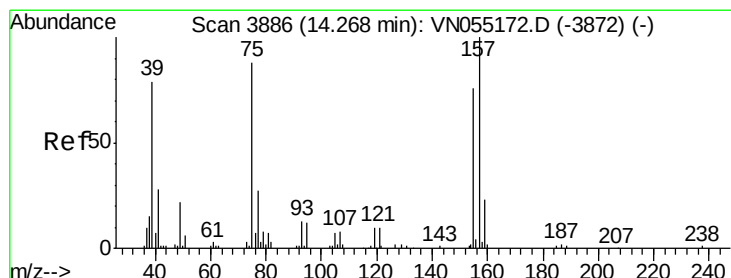
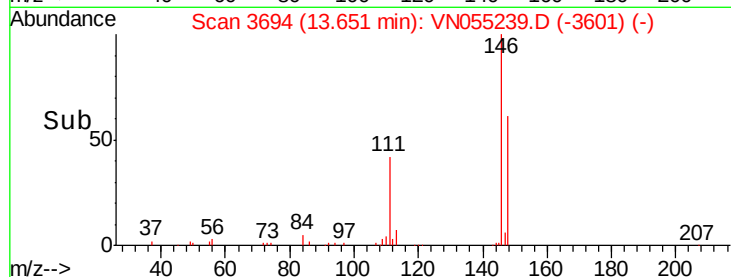
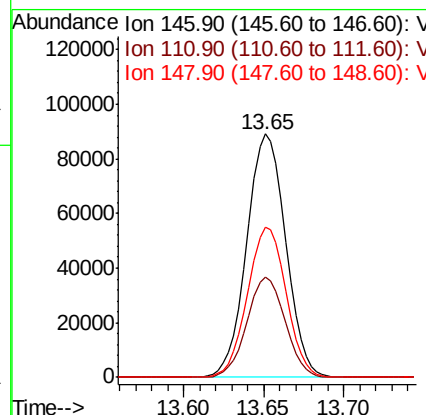
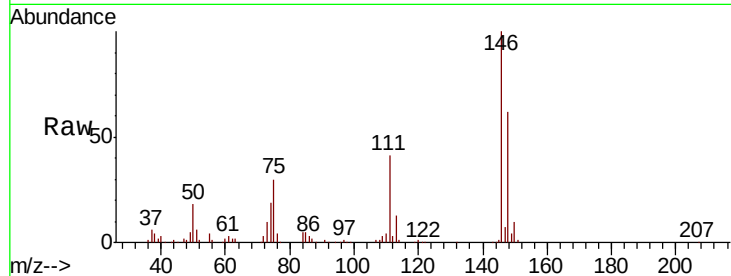




#91
 1,2-Dichlorobenzene
 Concen: 20.233 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

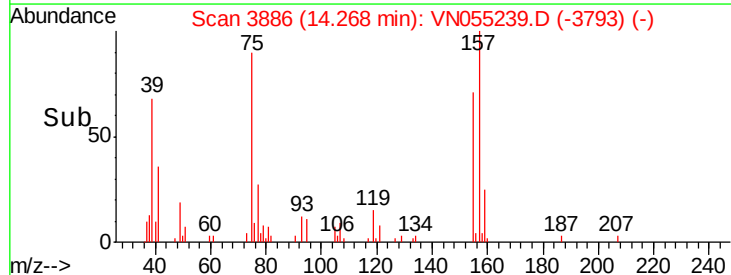
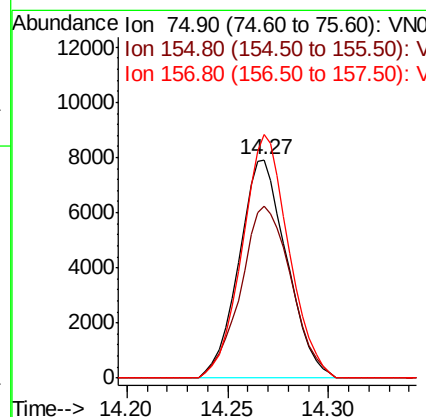
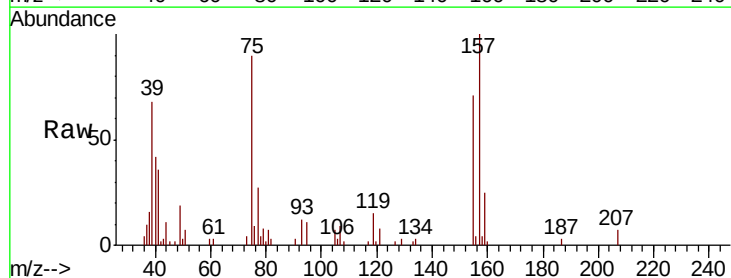
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

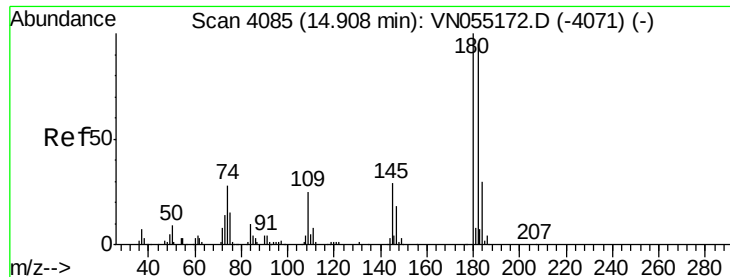
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.8	59.3
148	61.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.533 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	43.0	129.0
157	108.5	55.7	167.1

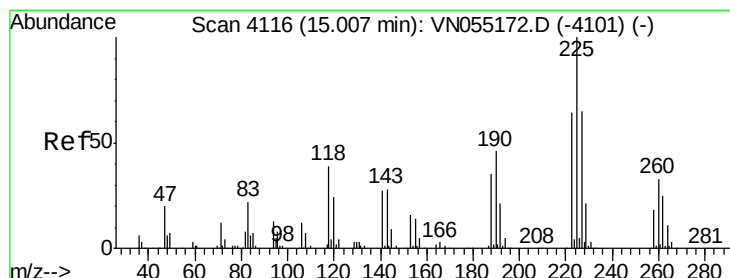
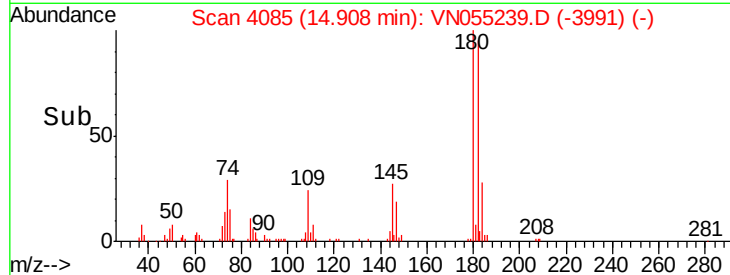
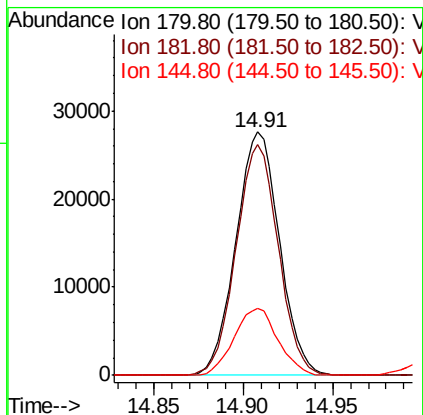
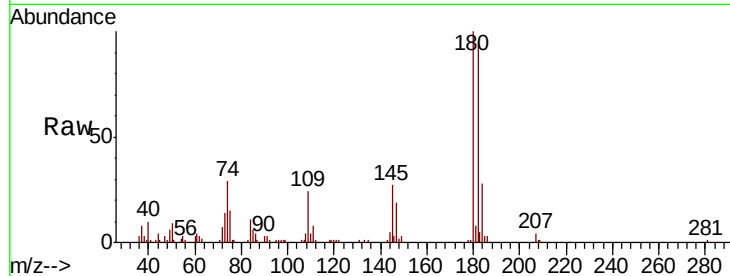




#93
 1,2,4-Trichlorobenzene
 Concen: 17.127 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

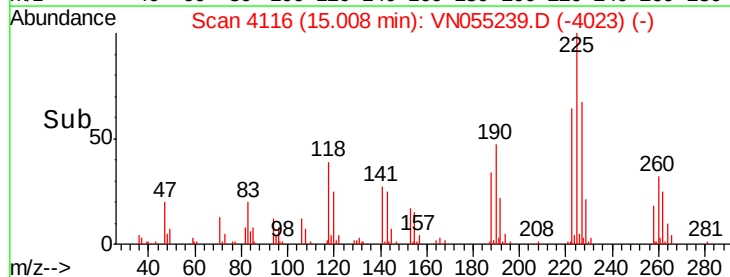
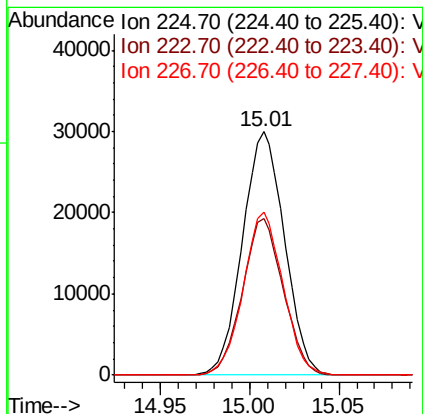
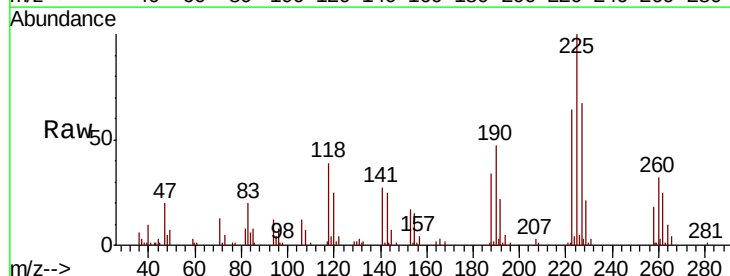
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

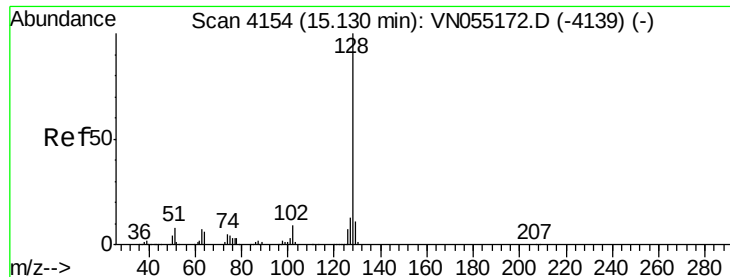
Tot Ion:180 Resp: 47086
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.8 143.4
 145 27.7 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 21.860 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055239.D
 Acq: 25 Apr 2019 11:40

Tgt Ion:225 Resp: 49371
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.2 96.6
 227 63.4 32.6 98.0





#95

Naphthalene

Concen: 16.739 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

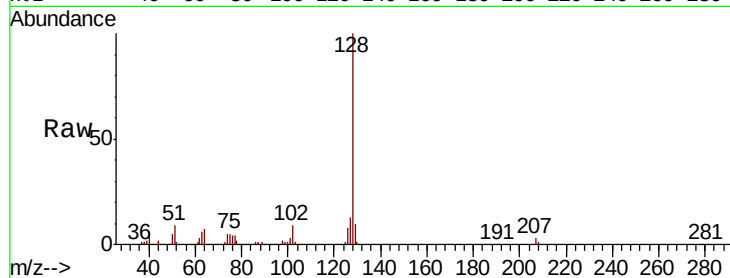
Tot Ion:128 Resp: 96822

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

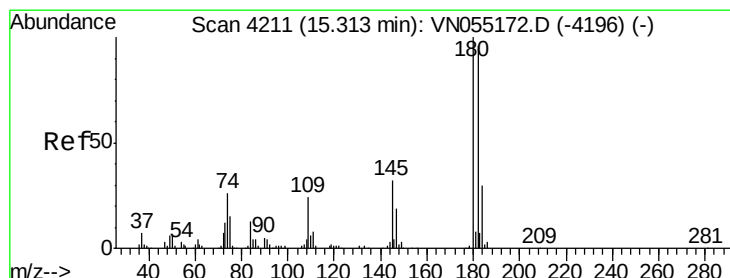
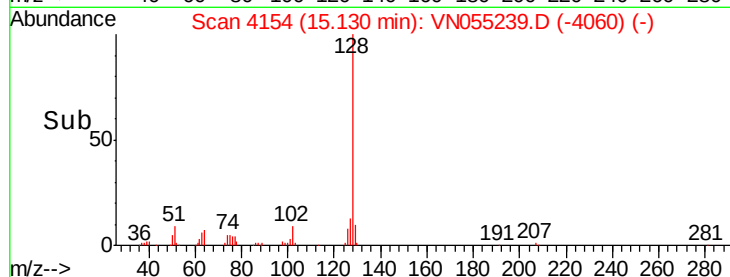
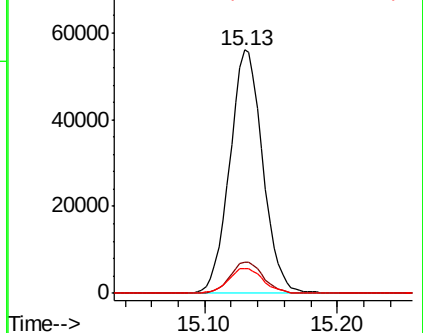
129 10.7 8.8 13.2



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: 16.964 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055239.D

Acq: 25 Apr 2019 11:40

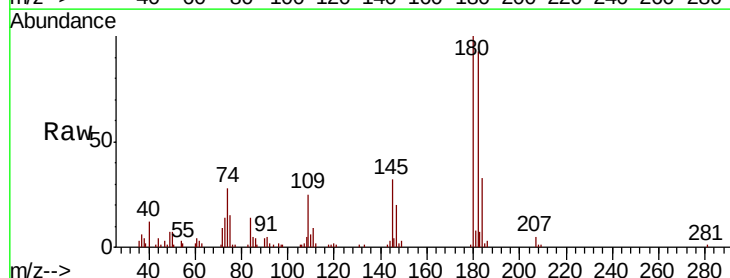
Tgt Ion:180 Resp: 47611

Ion Ratio Lower Upper

180 100

182 96.4 47.2 141.6

145 31.9 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

