

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055870.D
 Acq On : 29 May 2019 12:03
 Operator : JC/SP
 Sample : VN0529MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

Quant Time: May 30 06:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	348109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	509530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	183311	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.59	113	159656	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.09	98	614868	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	200831	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	42446	18.118	ug/l 100
3) Chloromethane	2.06	50	60106	18.311	ug/l 99
4) Vinyl Chloride	2.18	62	64387	18.391	ug/l 99
5) Bromomethane	2.54	94	44629	20.375	ug/l 99
6) Chloroethane	2.69	64	41200	19.546	ug/l 97
7) Trichlorofluoromethane	3.01	101	88825	19.352	ug/l 97
8) Diethyl Ether	3.41	74	39757	19.325	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55293	19.298	ug/l 100
10) Methyl Iodide	3.94	142	82413	19.673	ug/l 100
11) Tert butyl alcohol	4.81	59	66405	96.676	ug/l 98
12) 1,1-Dichloroethene	3.72	96	54882	18.538	ug/l 98
13) Acrolein	3.60	56	39370	80.047	ug/l 98
14) Allyl chloride	4.31	41	95664	18.849	ug/l 99
15) Acrylonitrile	4.99	53	160403	101.697	ug/l 100
16) Acetone	3.82	43	157411	99.609	ug/l 99
17) Carbon Disulfide	4.04	76	133708	15.896	ug/l 100
18) Methyl Acetate	4.33	43	70738	21.293	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	196945	19.946	ug/l 99
20) Methylene Chloride	4.54	84	67657	19.769	ug/l 96
21) trans-1,2-Dichloroethene	5.03	96	61115	19.215	ug/l 96
22) Diisopropyl ether	5.96	45	197502	20.008	ug/l 99
23) Vinyl Acetate	5.90	43	813842	96.159	ug/l 100
24) 1,1-Dichloroethane	5.84	63	110054	19.149	ug/l 98
25) 2-Butanone	6.84	43	221602	100.409	ug/l 99
26) 2,2-Dichloropropane	6.82	77	91167	18.328	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	74182	19.991	ug/l 98
28) Bromochloromethane	7.19	49	55411	20.250	ug/l 99
29) Tetrahydrofuran	7.22	42	139974	100.152	ug/l 99
30) Chloroform	7.37	83	114124	19.911	ug/l 98
31) Cyclohexane	7.65	56	103860	19.248	ug/l 94
32) 1,1,1-Trichloroethane	7.57	97	97634	19.089	ug/l 99
36) 1,1-Dichloropropene	7.79	75	80277	18.079	ug/l 99
37) Ethyl Acetate	6.93	43	87991	20.503	ug/l 98
38) Carbon Tetrachloride	7.77	117	82408	17.817	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	102018	18.554	ug/l	99
40) Benzene	8.04	78	262130	19.588	ug/l	99
41) Methacrylonitrile	7.17	41	36245	16.717	ug/l	88
42) 1,2-Dichloroethane	8.12	62	86268	19.728	ug/l	100
43) Isopropyl Acetate	8.17	43	137996	19.138	ug/l #	91
44) Trichloroethene	8.83	130	73285	19.643	ug/l	99
45) 1,2-Dichloropropane	9.12	63	69174	19.840	ug/l	99
46) Dibromomethane	9.21	93	45529	19.911	ug/l	98
47) Bromodichloromethane	9.40	83	87209	18.600	ug/l	99
48) Methyl methacrylate	9.20	41	67314	20.256	ug/l	98
49) 1,4-Dioxane	9.20	88	28383	410.997	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	428347	100.584	ug/l	100
52) Toluene	10.16	92	167106	19.854	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	89970	17.977	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	104311	18.814	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	67621	20.055	ug/l	99
56) Ethyl methacrylate	10.43	69	101115	19.404	ug/l	98
57) 1,3-Dichloropropane	10.71	76	108410	19.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	177873	89.320	ug/l	100
59) 2-Hexanone	10.75	43	297277	98.401	ug/l	100
60) Dibromochloromethane	10.90	129	72002	18.331	ug/l	100
61) 1,2-Dibromoethane	11.01	107	69002	19.730	ug/l	99
64) Tetrachloroethene	10.63	164	74359	19.837	ug/l	99
65) Chlorobenzene	11.43	112	179423	20.167	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	68683	19.356	ug/l	99
67) Ethyl Benzene	11.51	91	318426	19.958	ug/l	99
68) m/p-Xylenes	11.62	106	240123	39.810	ug/l	98
69) o-Xylene	11.95	106	116886	19.532	ug/l	98
70) Styrene	11.96	104	188915	19.494	ug/l	100
71) Bromoform	12.13	173	50974	16.841	ug/l #	99
73) Isopropylbenzene	12.25	105	308162	22.217	ug/l	99
74) N-amyl acetate	12.07	43	109609	20.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	91600	21.926	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	110547	34.121	ug/l #	100
77) Bromobenzene	12.53	156	79871	20.476	ug/l	99
78) n-propylbenzene	12.59	91	318358	20.038	ug/l	100
79) 2-Chlorotoluene	12.67	91	199976	21.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	253468	21.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23935	17.617	ug/l	92
82) 4-Chlorotoluene	12.77	91	186134	19.931	ug/l	99
83) tert-Butylbenzene	12.99	119	227893	22.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	247375	21.295	ug/l	98
85) sec-Butylbenzene	13.17	105	285146	21.842	ug/l	99
86) p-Isopropyltoluene	13.29	119	254922	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	123413	19.981	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	114219	19.450	ug/l	98
89) n-Butylbenzene	13.61	91	181654	18.676	ug/l	100
90) Hexachloroethane	13.87	117	43209	17.883	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	125251	20.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15180	18.742	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

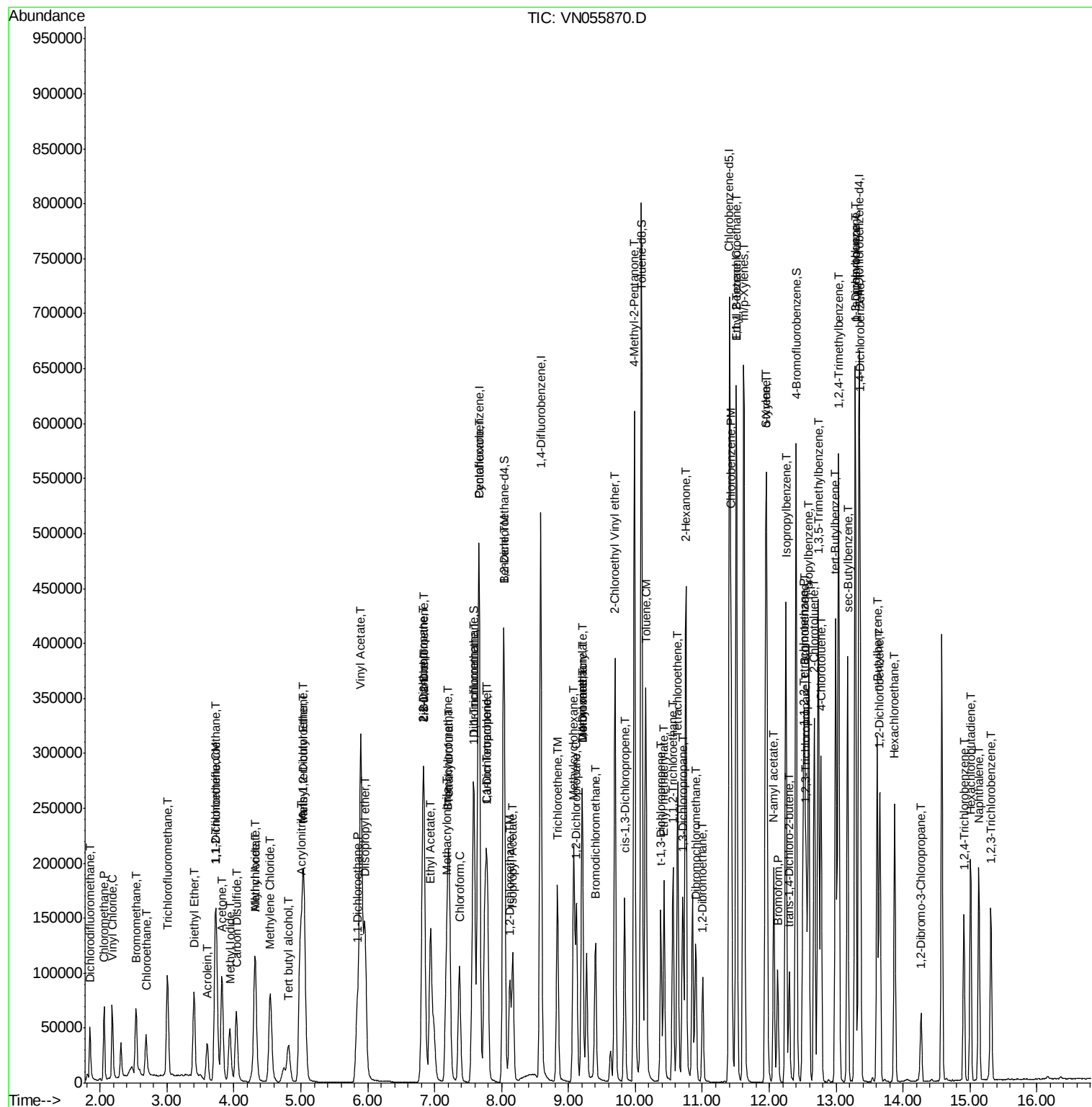
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	54893	17.993	ug/l	100
94) Hexachlorobutadiene	15.01	225	46346	20.285	ug/l	98
95) Naphthalene	15.13	128	174771	20.668	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	61142	18.770	ug/l	99

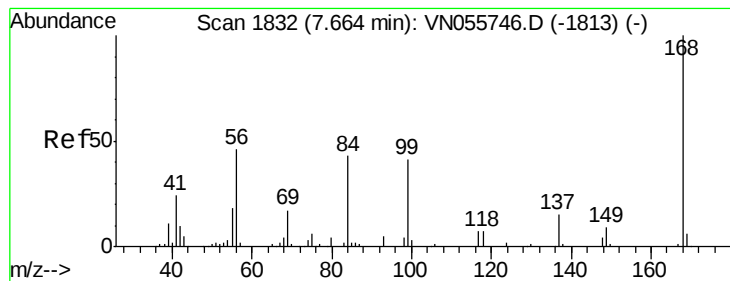
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052919\
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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

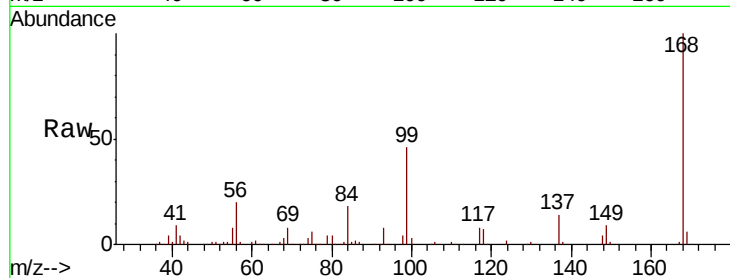
VN0529MBS01

Tot Ion:168 Resp: 348109

Ion Ratio Lower Upper

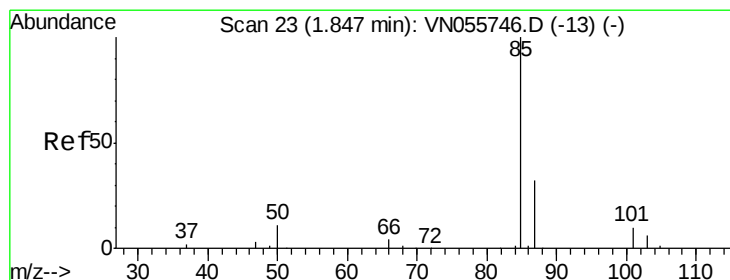
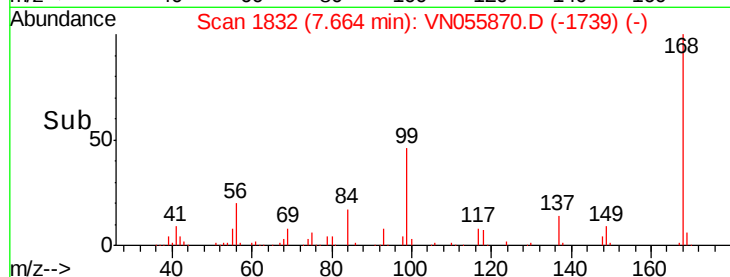
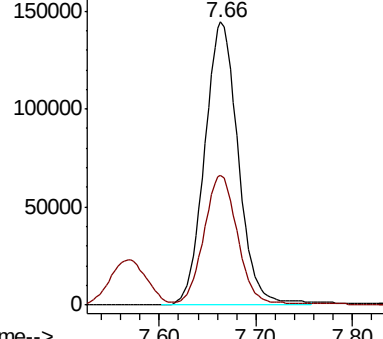
168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.118 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055870.D

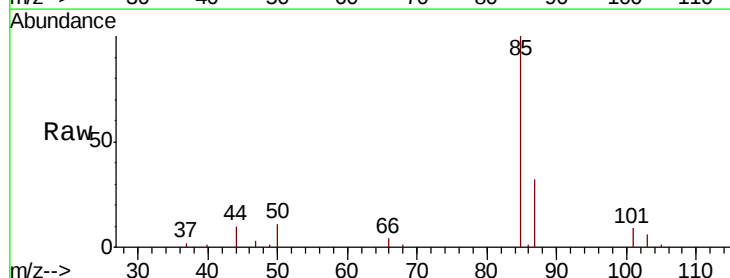
Acq: 29 May 2019 12:03

Tgt Ion: 85 Resp: 42446

Ion Ratio Lower Upper

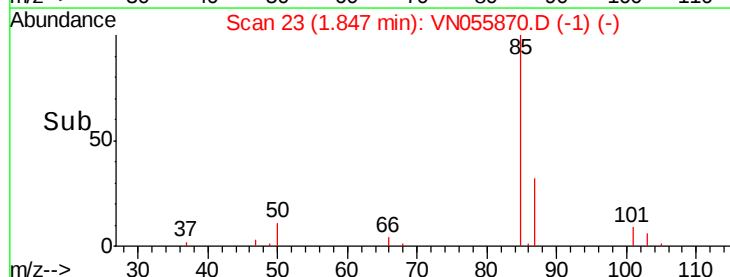
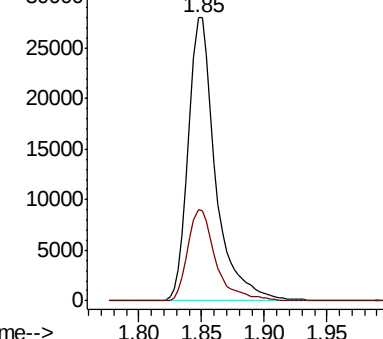
85 100

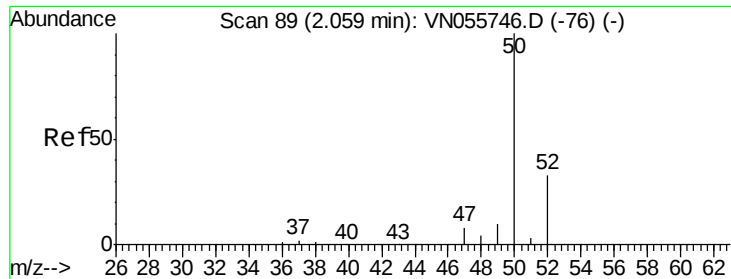
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.311 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

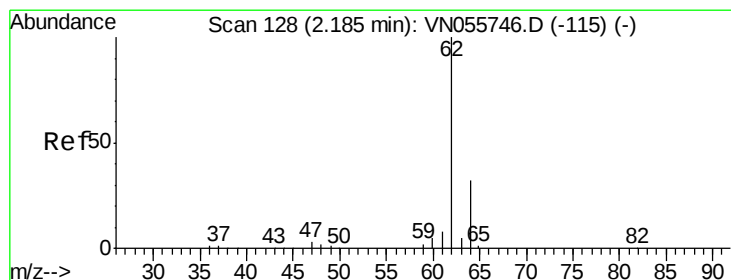
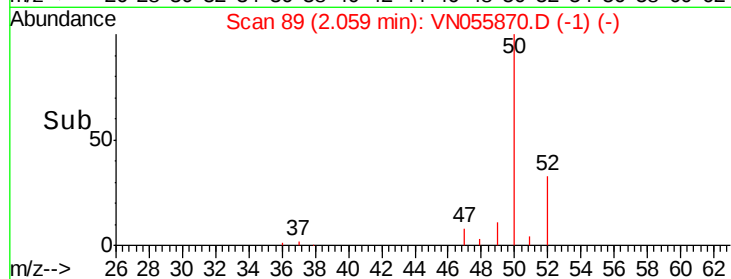
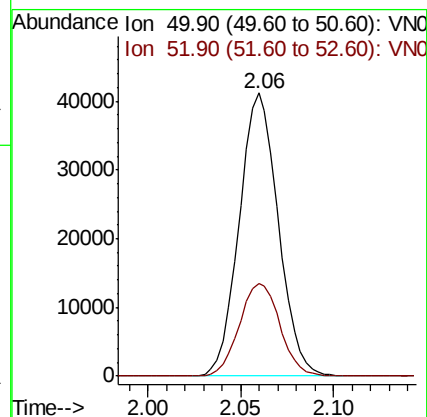
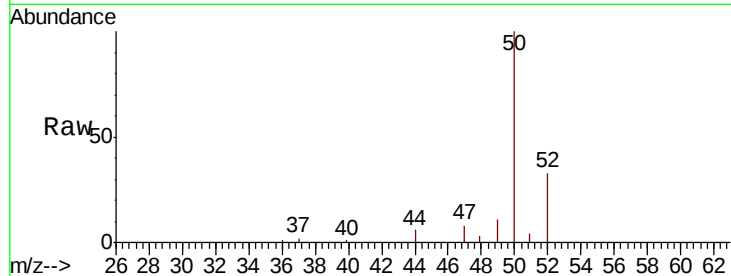
VN0529MBS01

Tot Ion: 50 Resp: 60106

Ion Ratio Lower Upper

50 100

52 32.9 26.6 40.0



#4

Vinyl Chloride

Concen: 18.391 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055870.D

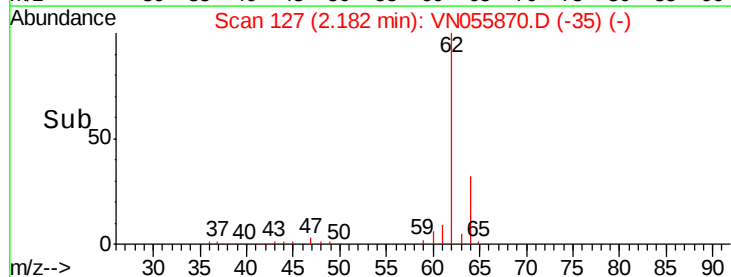
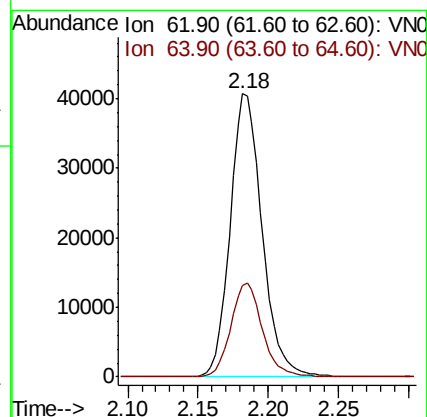
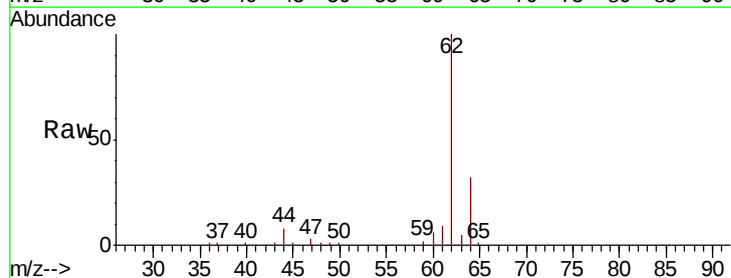
Acq: 29 May 2019 12:03

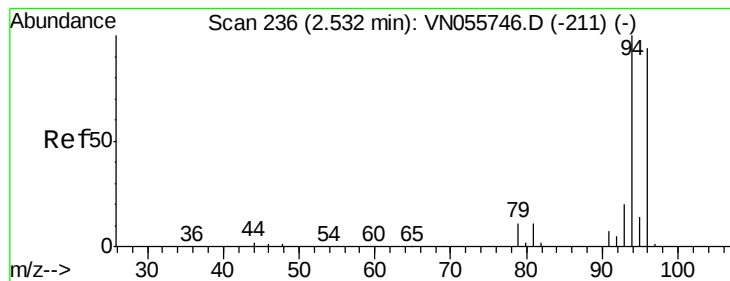
Tgt Ion: 62 Resp: 64387

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4





#5

Bromomethane

Concen: 20.375 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

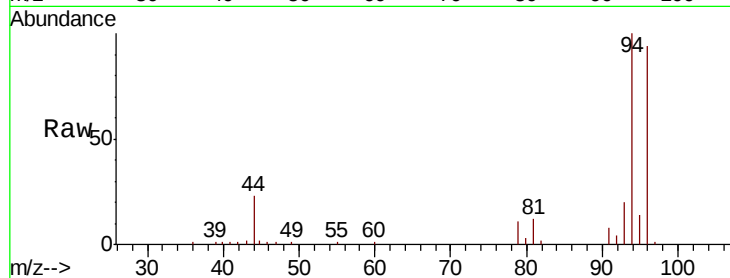
VN0529MBS01

Tot Ion: 94 Resp: 44629

Ion Ratio Lower Upper

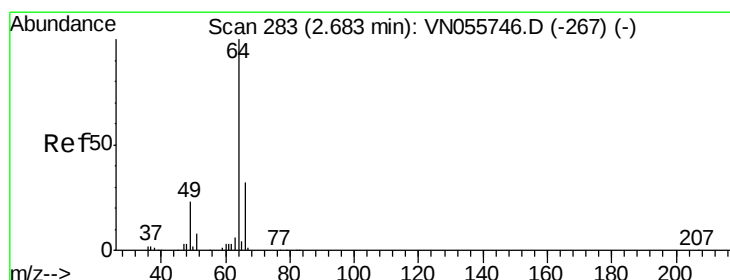
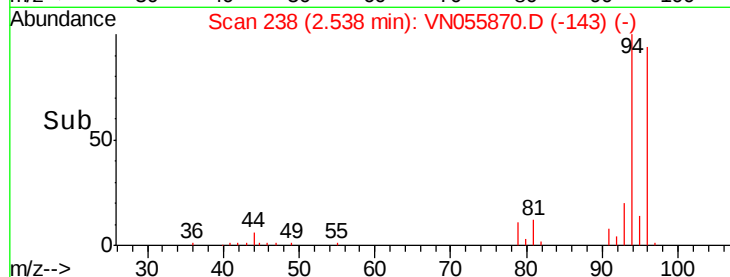
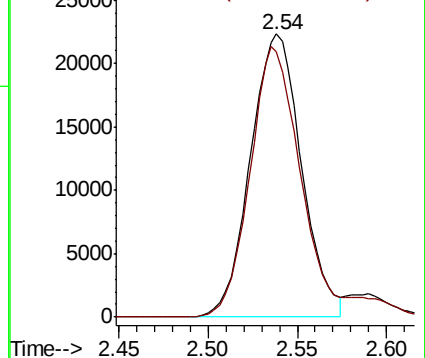
94 100

96 93.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.546 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN055870.D

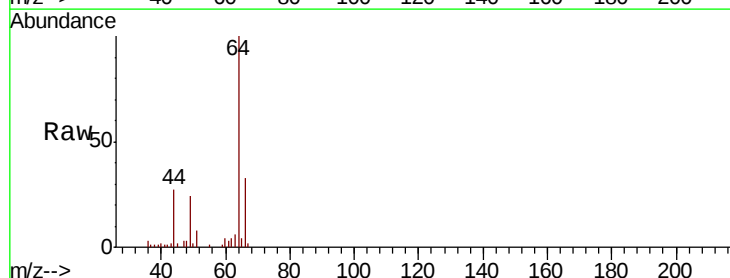
Acq: 29 May 2019 12:03

Tgt Ion: 64 Resp: 41200

Ion Ratio Lower Upper

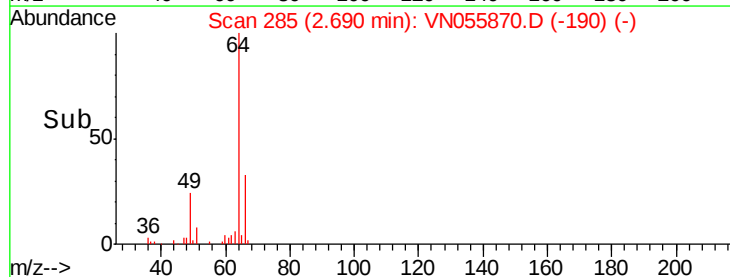
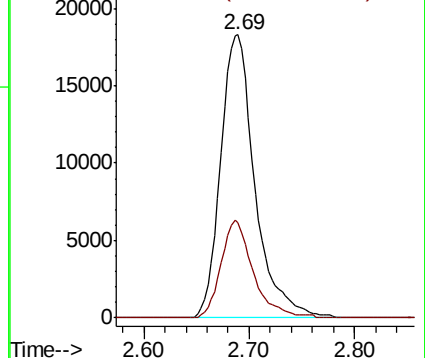
64 100

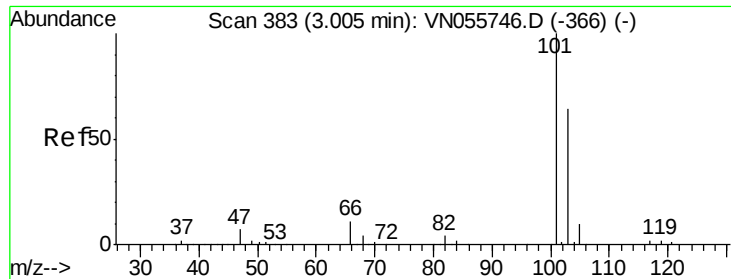
66 33.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



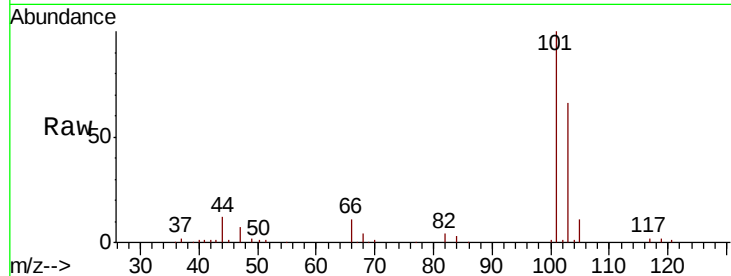


#7

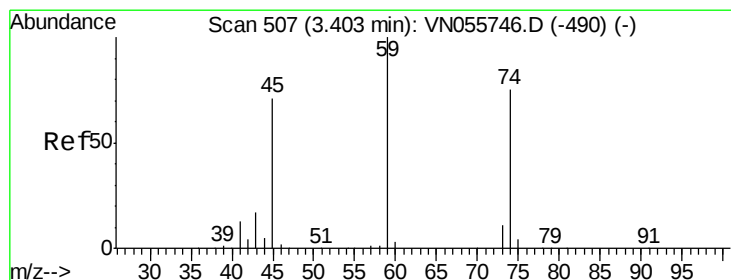
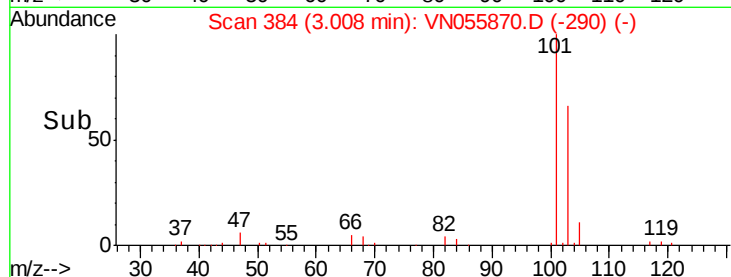
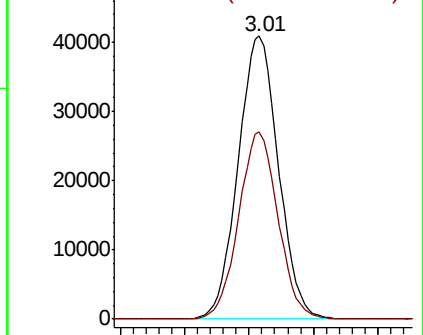
Trichlorofluoromethane
 Concen: 19.352 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

Tot Ion:101 Resp: 88825
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.2 76.8



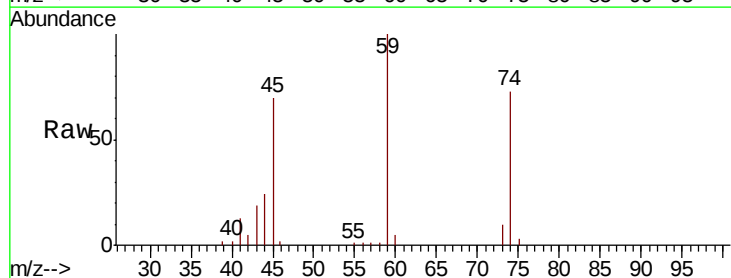
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



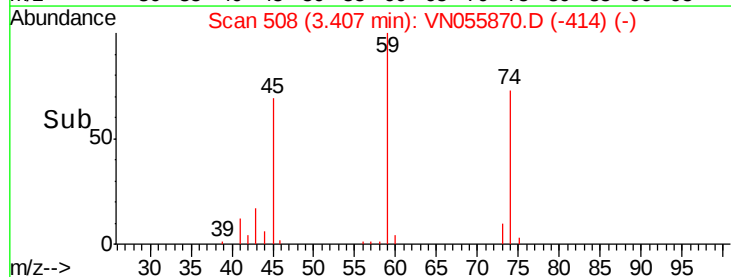
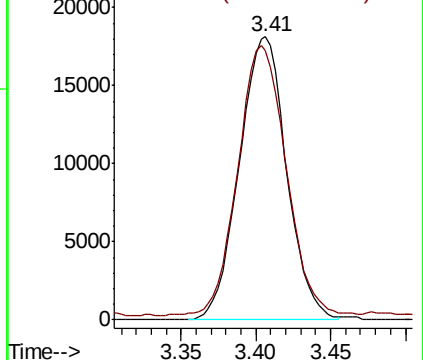
#8

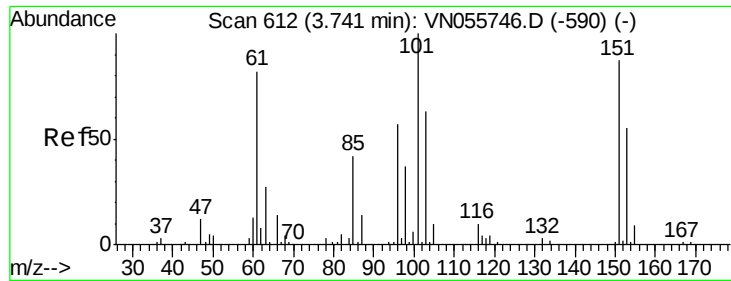
Diethyl Ether
 Concen: 19.325 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion: 74 Resp: 39757
 Ion Ratio Lower Upper
 74 100
 45 95.8 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): V
 Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.298 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

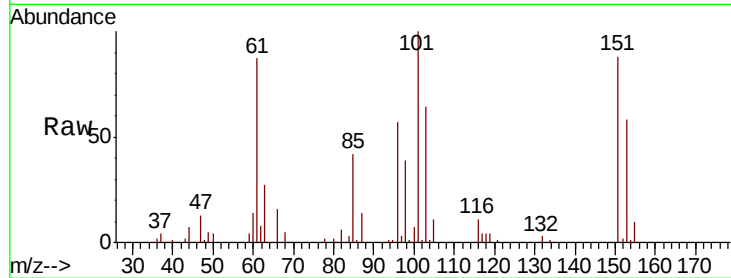
Tot Ion:101 Resp: 55293

Ion Ratio Lower Upper

101 100

85 42.3 33.4 50.2

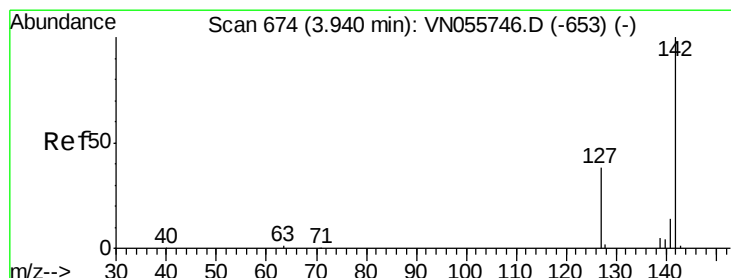
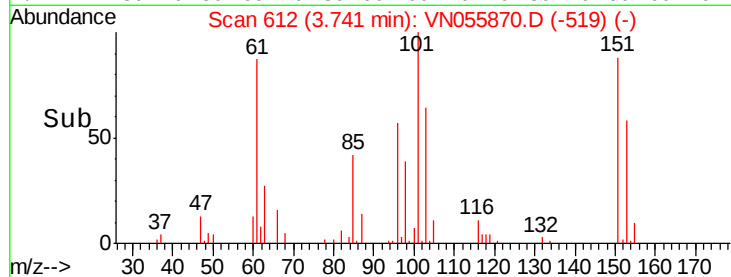
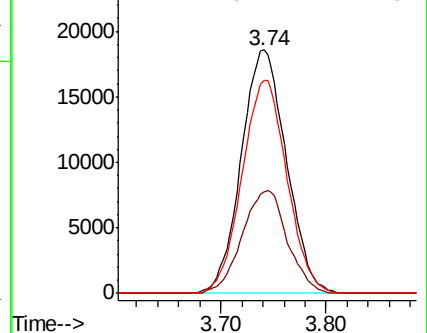
151 87.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.673 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

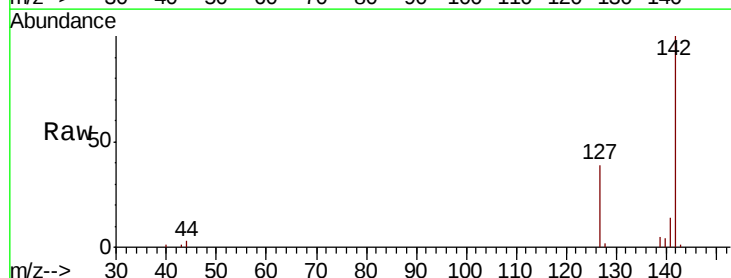
Tgt Ion:142 Resp: 82413

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

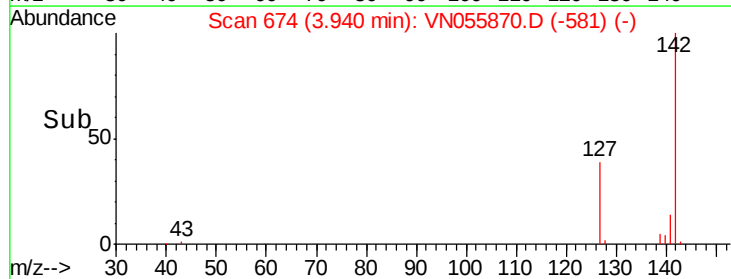
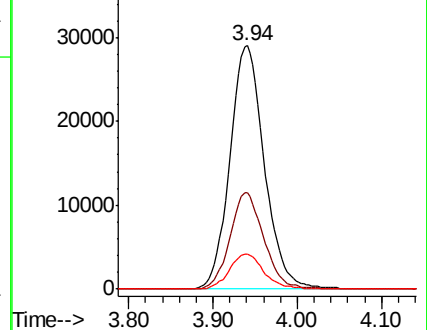
141 14.4 11.4 17.0

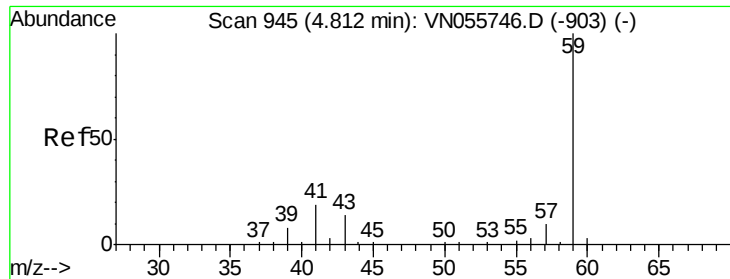


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

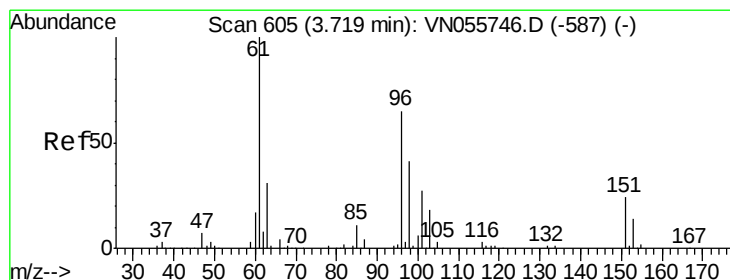
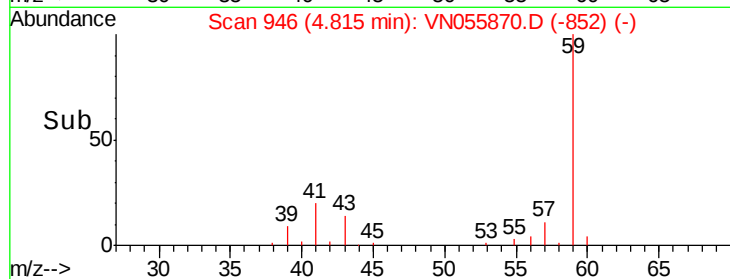
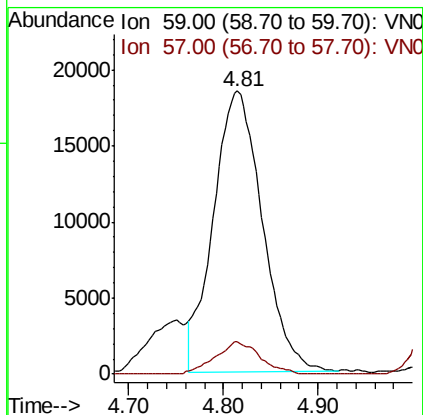
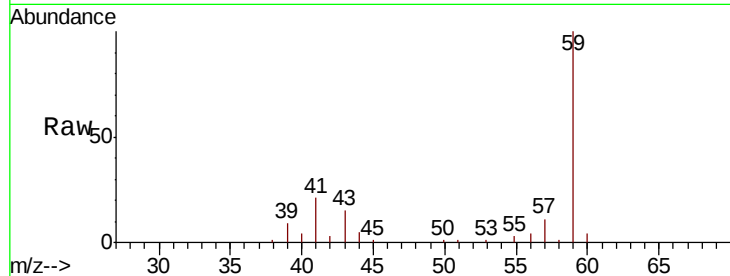




#11
Tert butyl alcohol
Concen: 96.676 ug/l
RT: 4.81 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

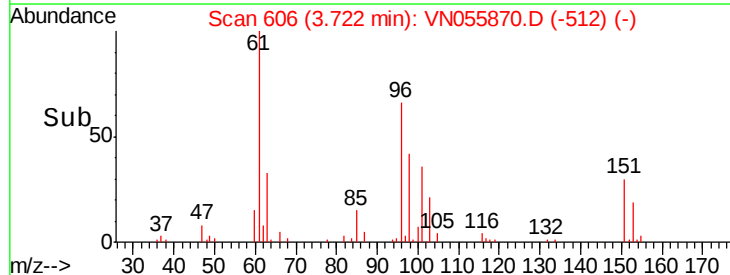
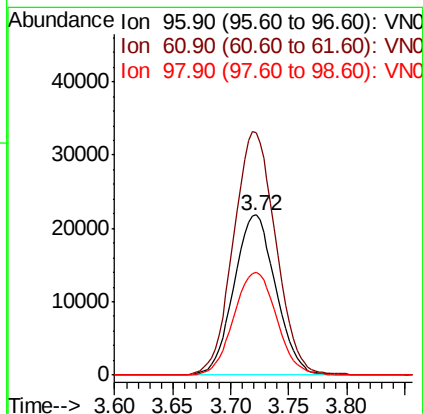
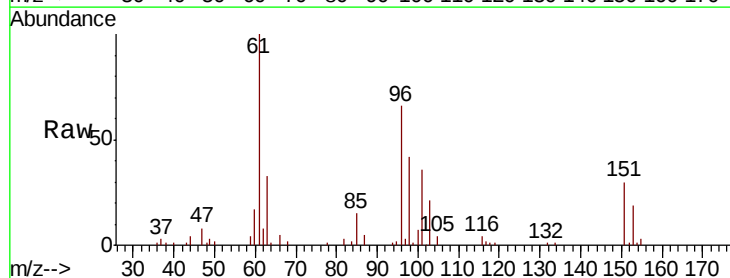
Instrument :
MSVOA_N
ClientSampled :
VN0529MBS01

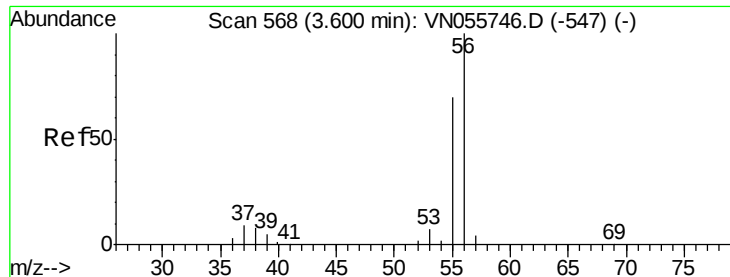
Tot Ion: 59 Resp: 66405
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.538 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 96 Resp: 54882
Ion Ratio Lower Upper
96 100
61 151.1 123.2 184.8
98 64.0 50.4 75.6





#13

Acrolein

Concen: 80.047 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

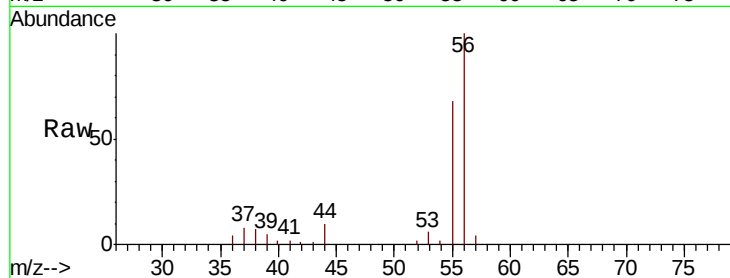
VN0529MBS01

Tot Ion: 56 Resp: 39370

Ion Ratio Lower Upper

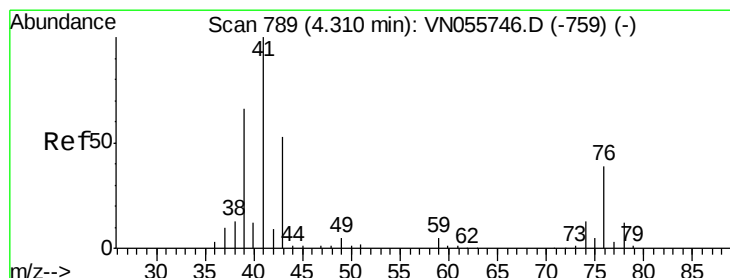
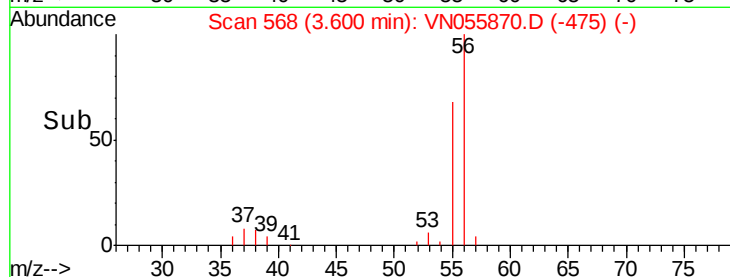
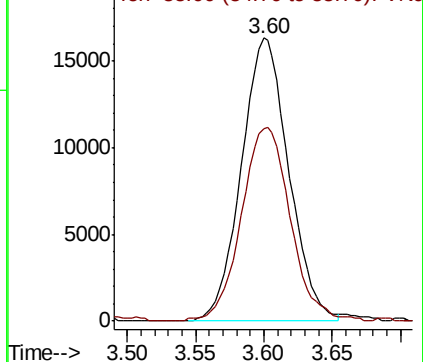
56 100

55 70.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.849 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

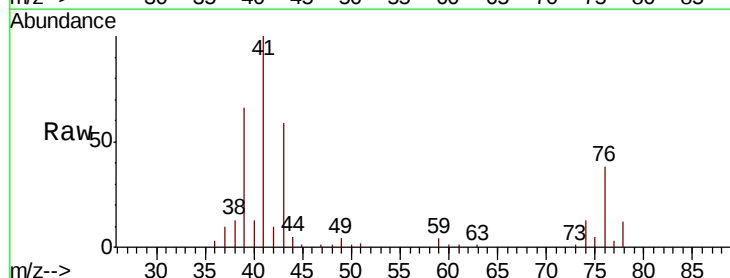
Tgt Ion: 41 Resp: 95664

Ion Ratio Lower Upper

41 100

39 63.5 50.0 75.0

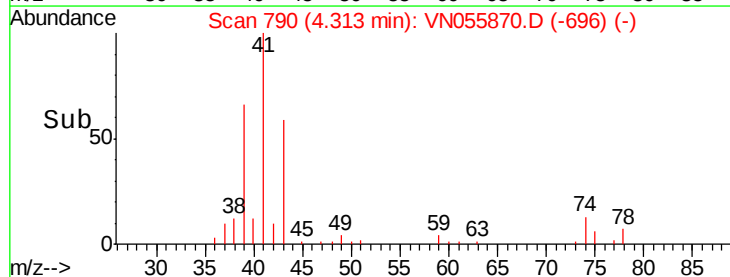
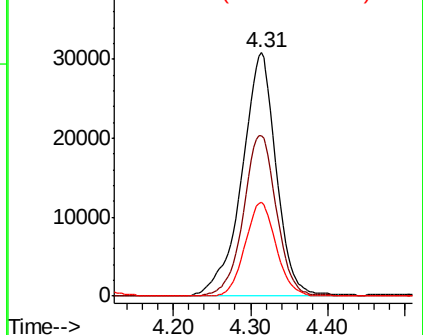
76 34.6 28.2 42.2

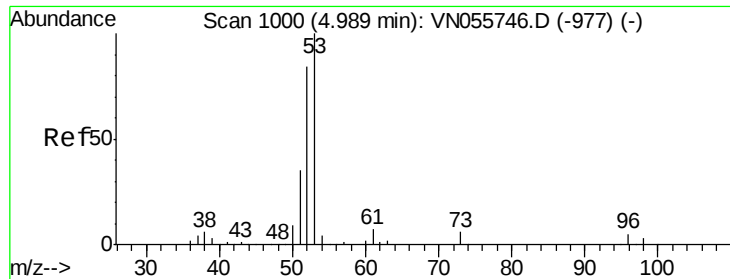


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

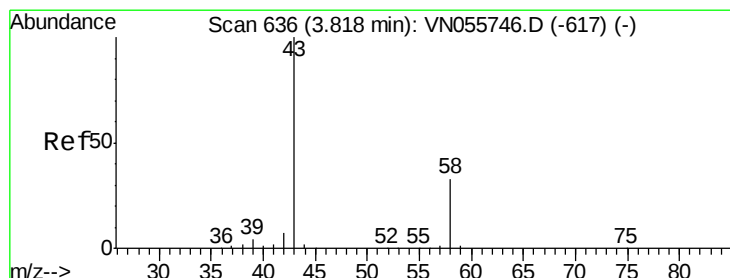
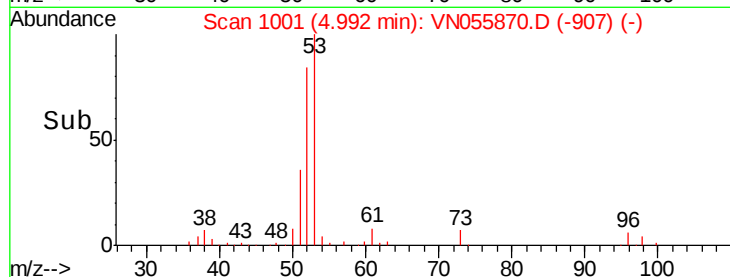
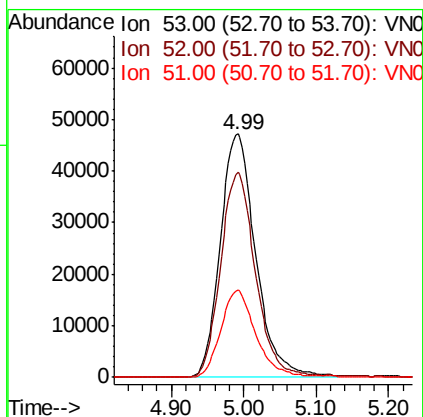
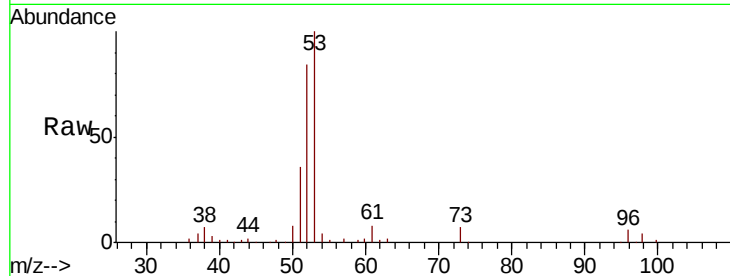




#15
 Acrylonitrile
 Concen: 101.697 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

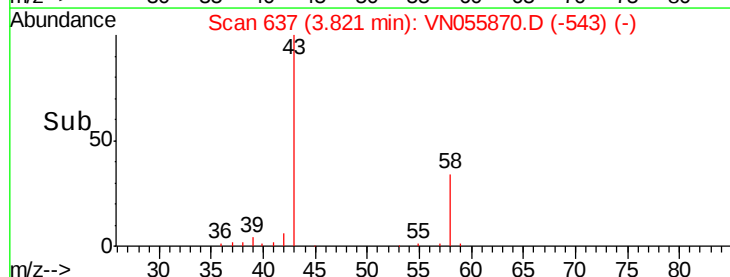
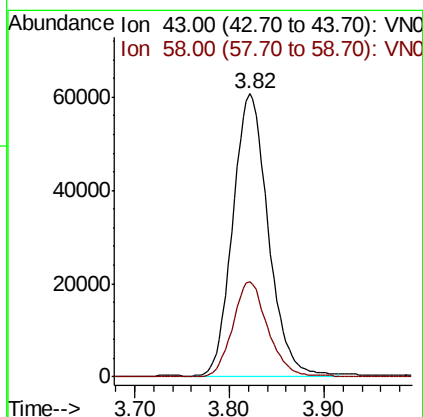
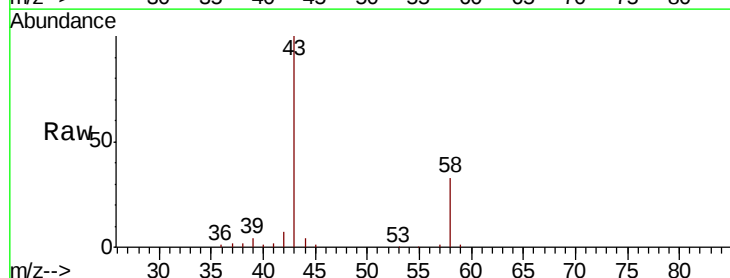
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

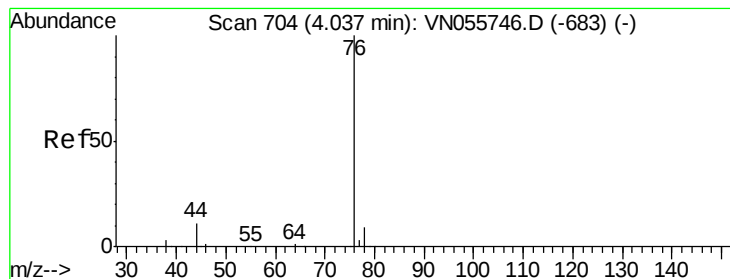
Tot Ion: 53 Resp: 160403
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.8 98.8
 51 35.4 28.2 42.4



#16
 Acetone
 Concen: 99.609 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion: 43 Resp: 157411
 Ion Ratio Lower Upper
 43 100
 58 33.6 26.6 39.8





#17

Carbon Disulfide

Concen: 15.896 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

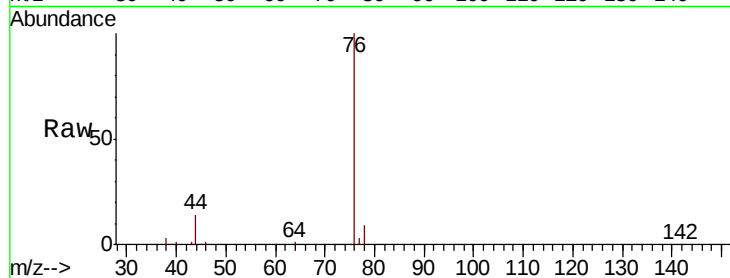
VN0529MBS01

Tot Ion: 76 Resp: 133708

Ion Ratio Lower Upper

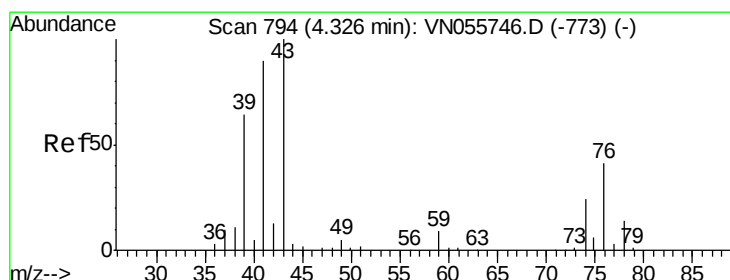
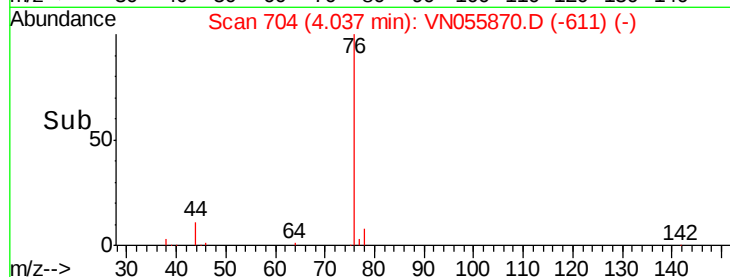
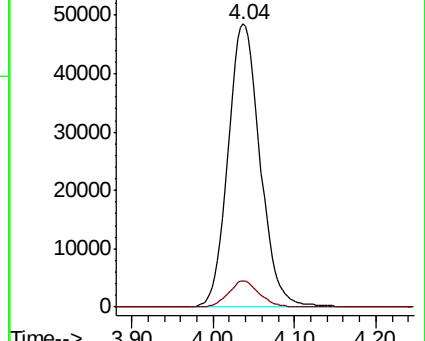
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.293 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055870.D

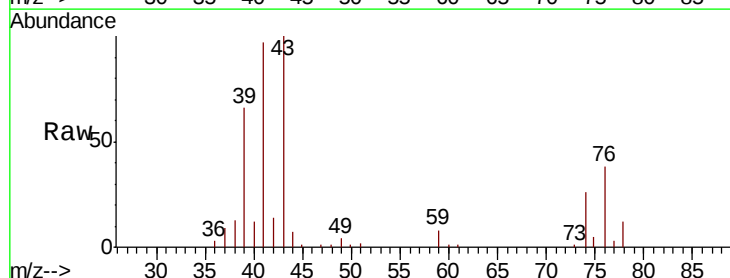
Acq: 29 May 2019 12:03

Tgt Ion: 43 Resp: 70738

Ion Ratio Lower Upper

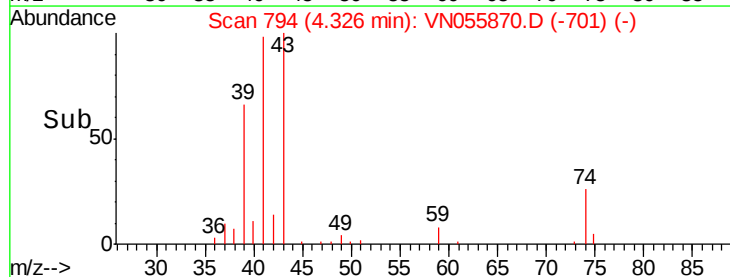
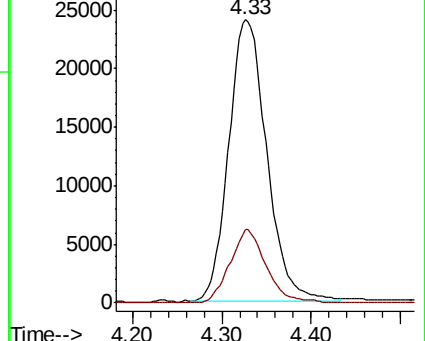
43 100

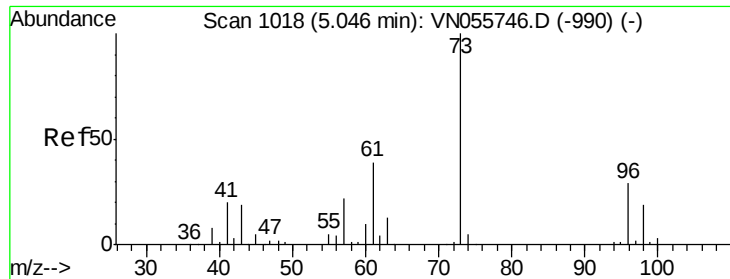
74 24.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

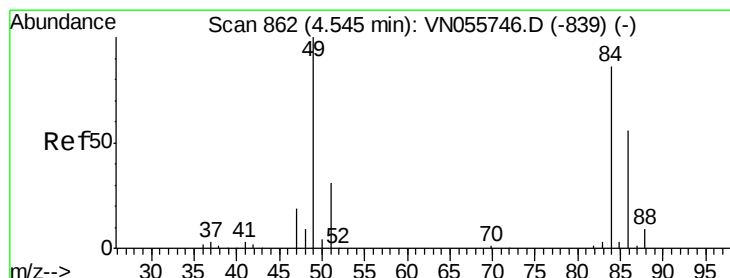
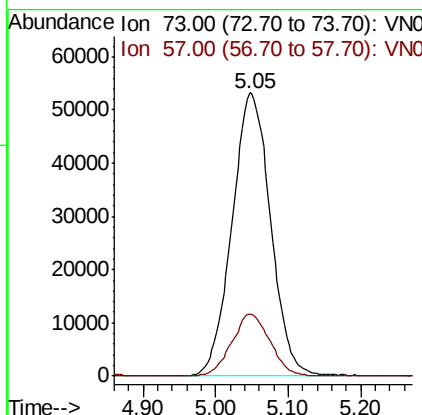
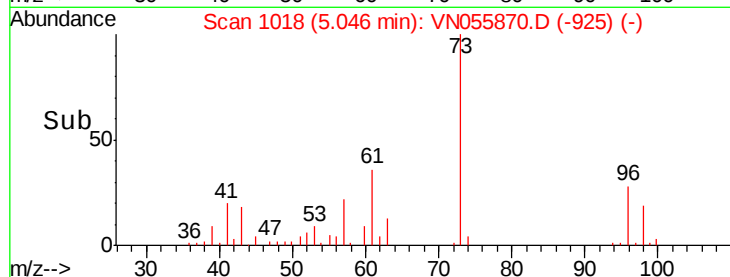
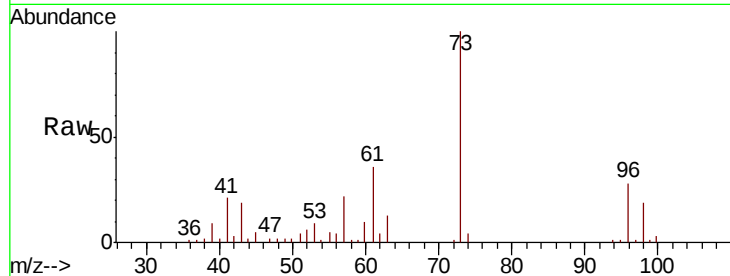




#19
Methvl tert-butvl Ether
Concen: 19.946 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

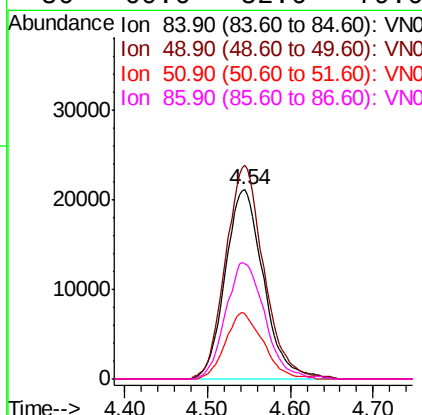
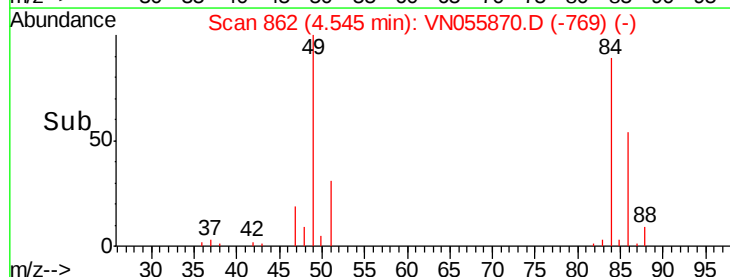
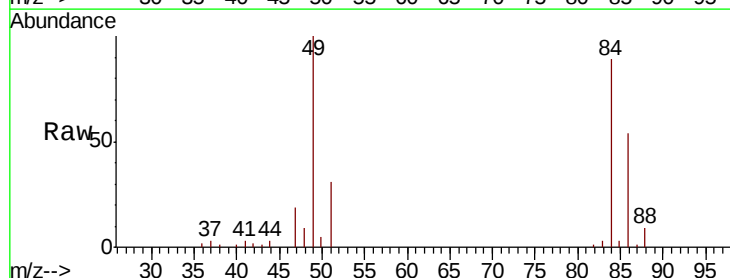
Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

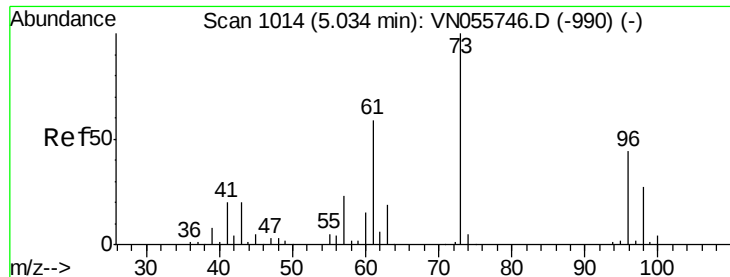
Tot Ion: 73 Resp: 196945
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 19.769 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 84 Resp: 67657
Ion Ratio Lower Upper
84 100
49 112.9 93.5 140.3
51 34.6 28.6 43.0
86 60.6 52.6 79.0

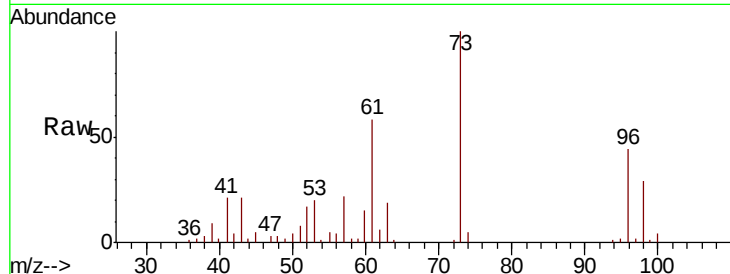




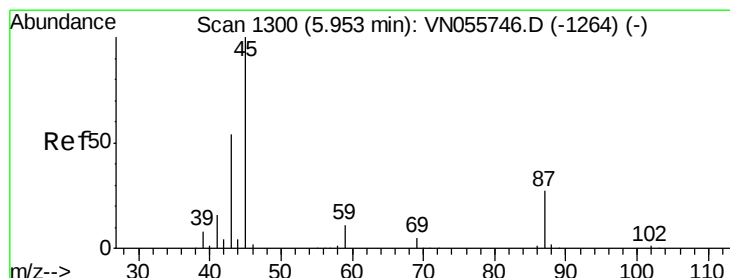
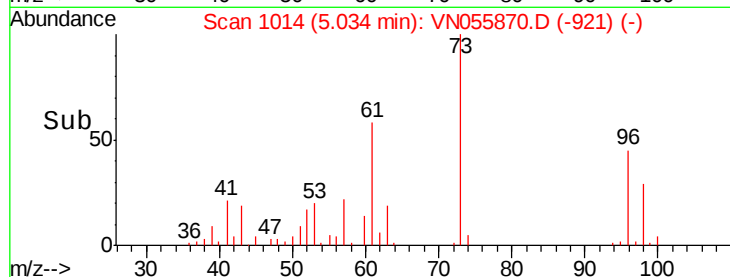
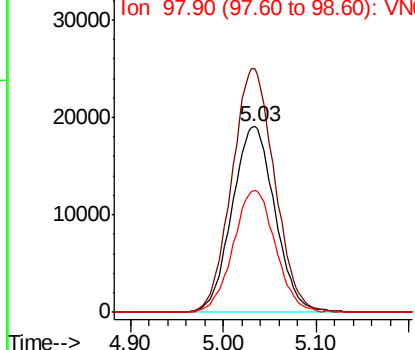
#21
trans-1,2-Dichloroethene
Concen: 19.215 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

Tot Ion: 96 Resp: 61115
Ion Ratio Lower Upper
96 100
61 130.8 107.8 161.8
98 65.6 49.8 74.8

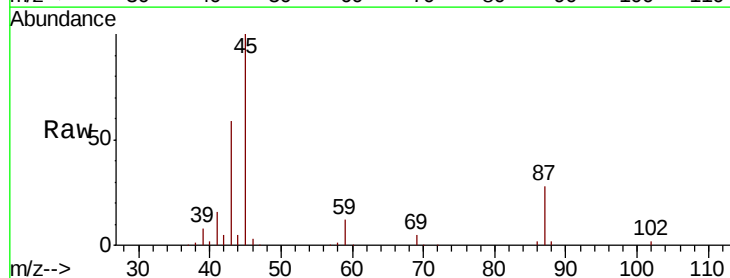


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

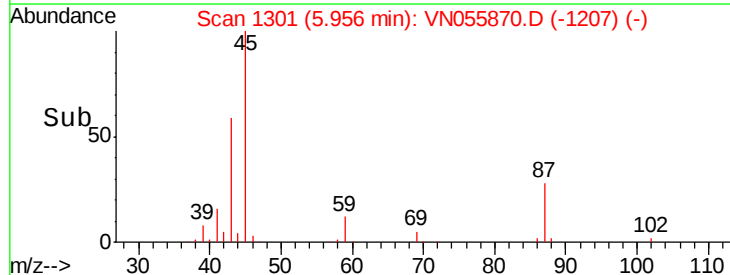
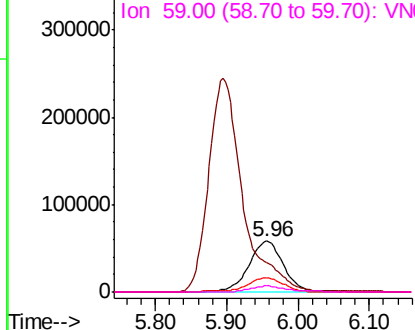


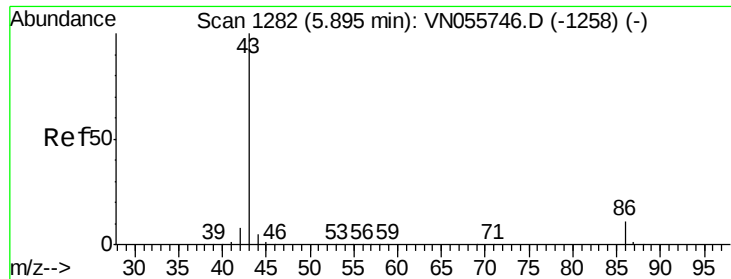
#22
Diisopropyl ether
Concen: 20.008 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 45 Resp: 197502
Ion Ratio Lower Upper
45 100
43 56.8 45.0 67.6
87 27.5 22.2 33.4
59 11.9 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 96.159 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

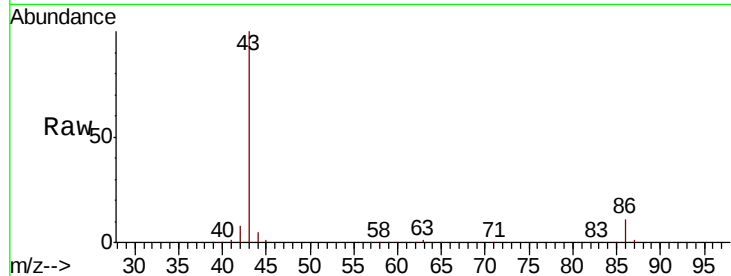
VN0529MBS01

Tot Ion: 43 Resp: 813842

Ion Ratio Lower Upper

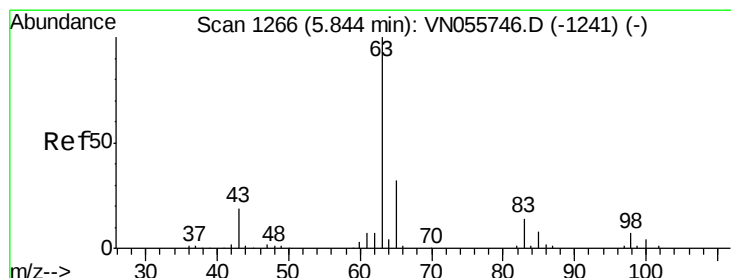
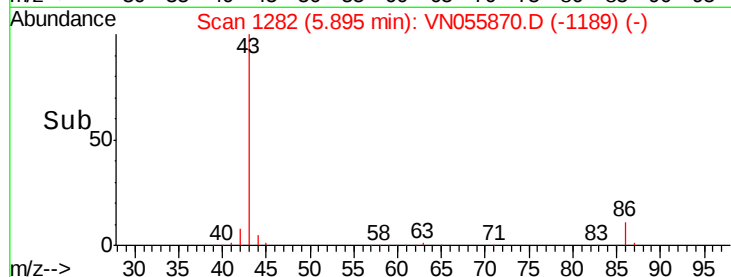
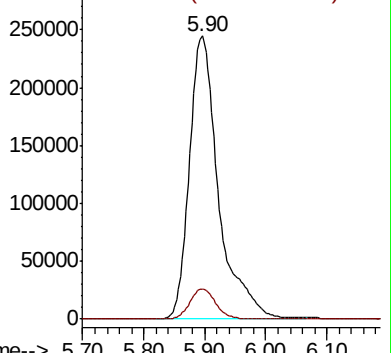
43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.149 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

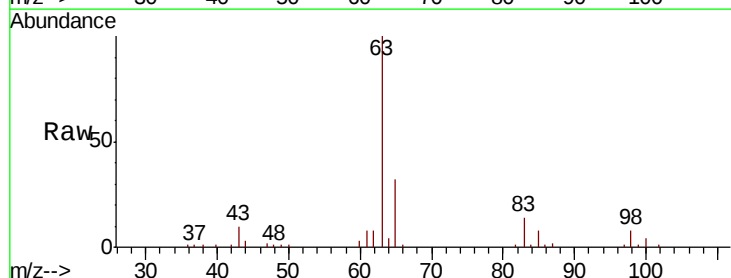
Tgt Ion: 63 Resp: 110054

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.1

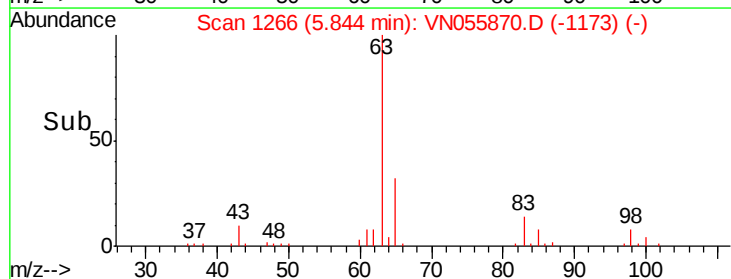
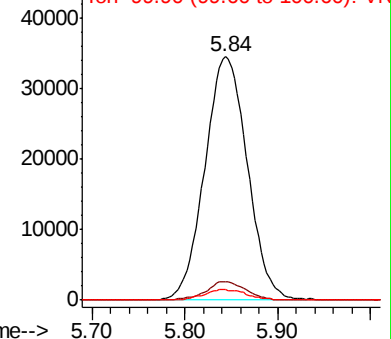
100 4.2 2.2 6.6

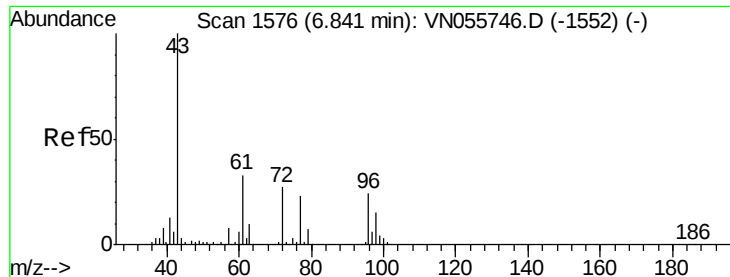


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

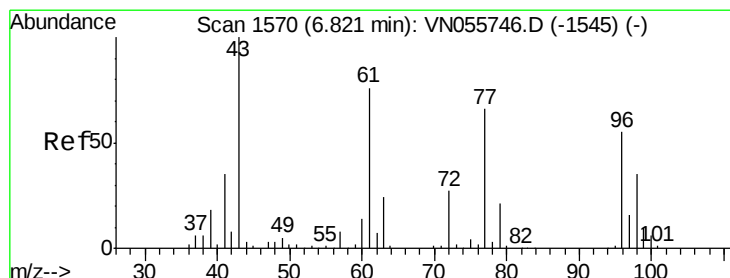
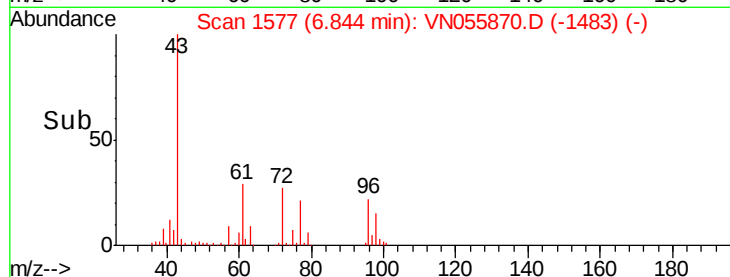
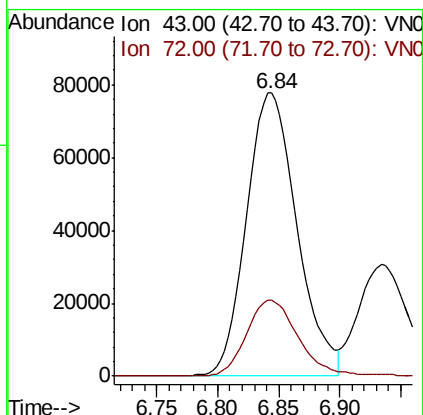
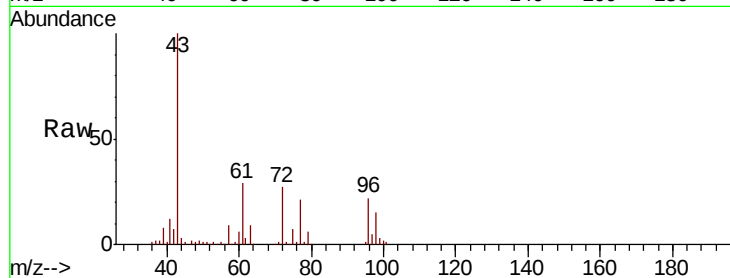




#25
2-Butanone
Concen: 100.409 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

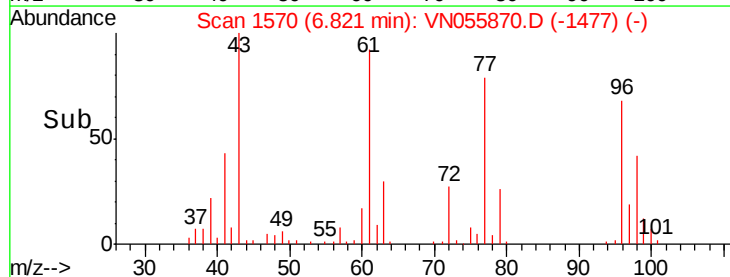
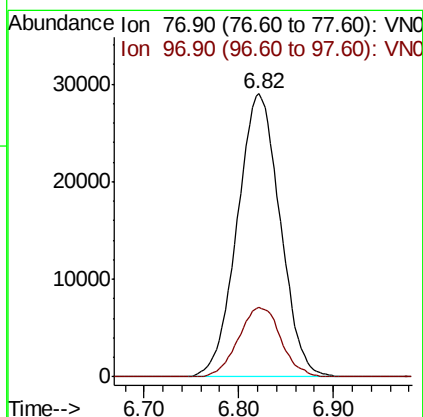
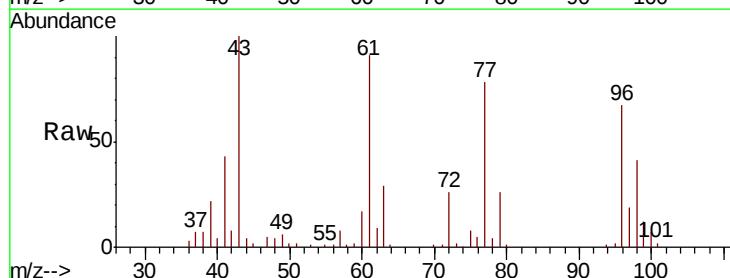
Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

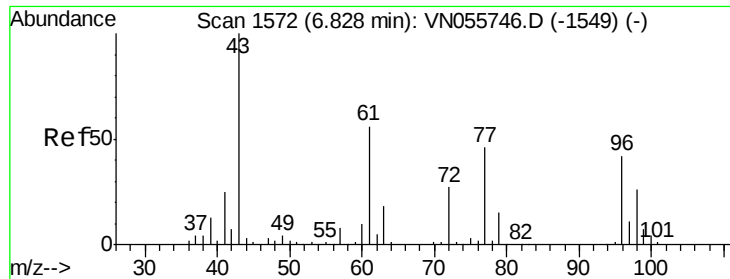
Tot Ion: 43 Resp: 221602
Ion Ratio Lower Upper
43 100
72 26.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 18.328 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 77 Resp: 91167
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.991 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

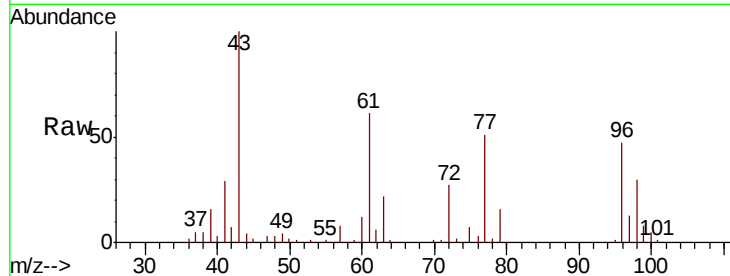
Tot Ion: 96 Resp: 74182

Ion Ratio Lower Upper

96 100

61 135.1 0.0 275.8

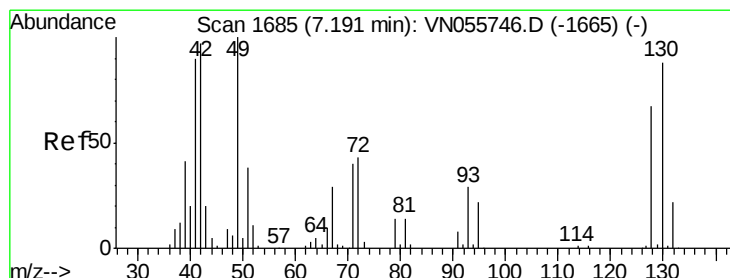
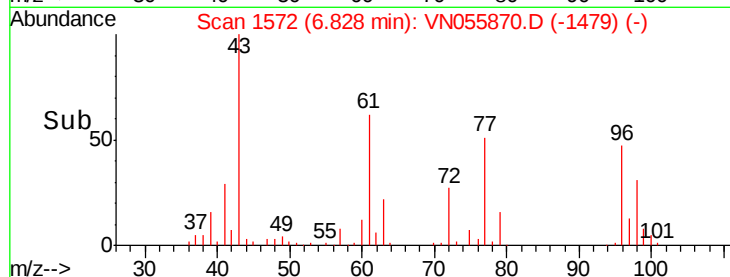
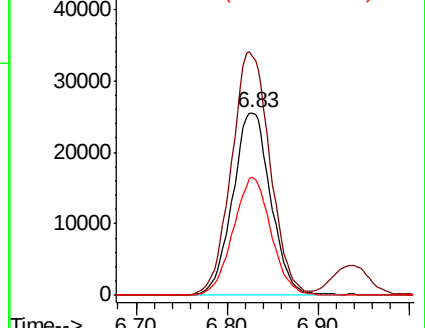
98 64.1 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055870.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN055870.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN055870.D (-1479) (-)



#28

Bromochloromethane

Concen: 20.250 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

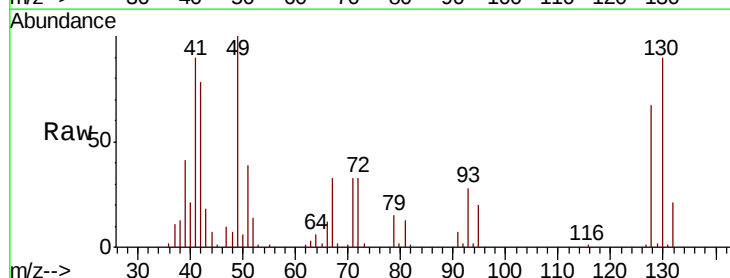
Tgt Ion: 49 Resp: 55411

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

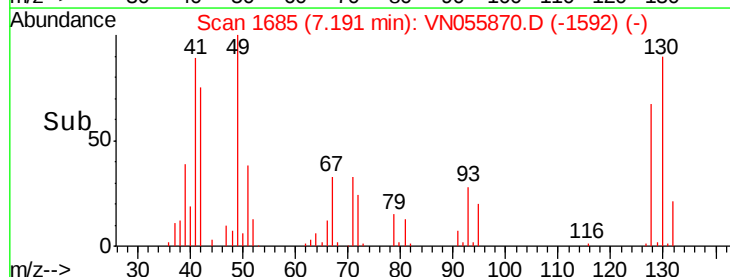
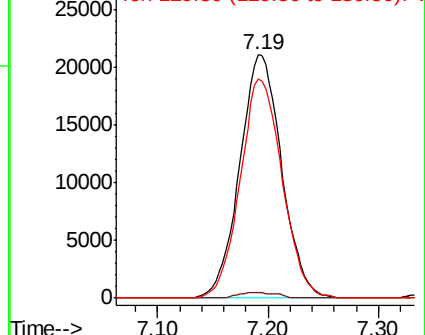
130 90.0 71.2 106.8

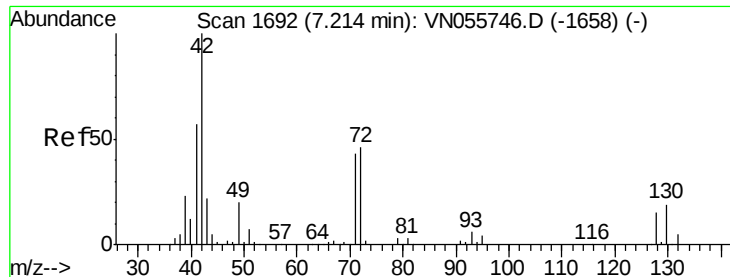


Abundance Ion 48.90 (48.60 to 49.60): VN055870.D (-1592) (-)

Ion 128.80 (128.50 to 129.50): VN055870.D (-1592) (-)

Ion 129.80 (129.50 to 130.50): VN055870.D (-1592) (-)

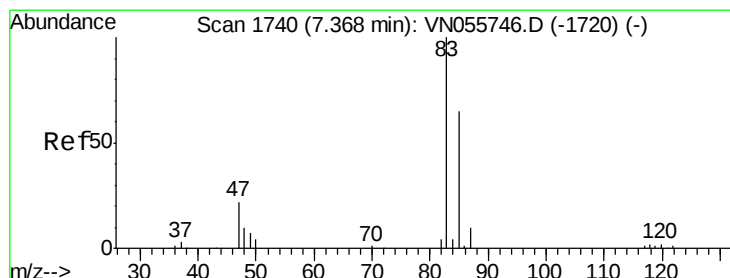
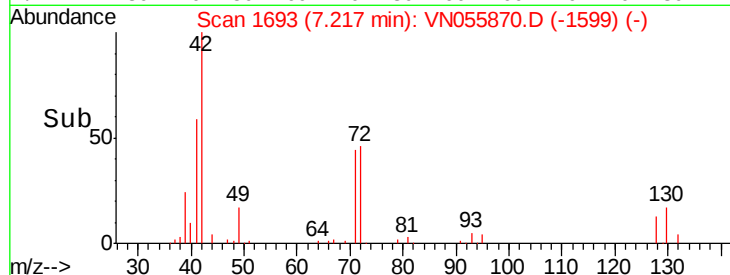
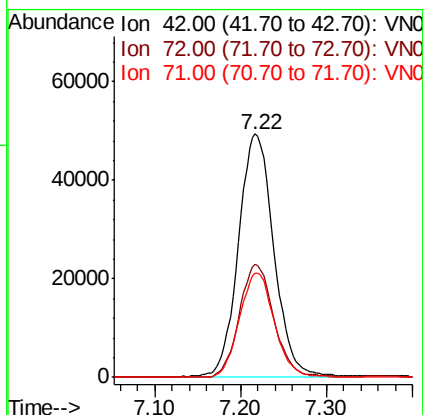
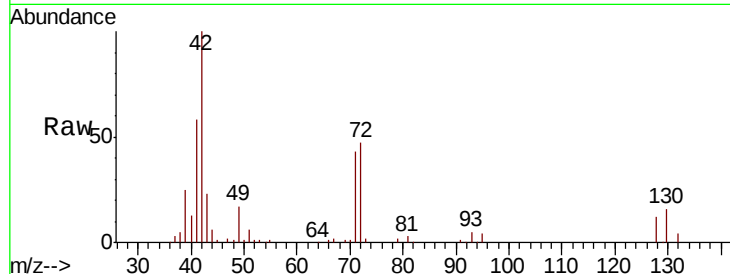




#29
Tetrahydrofuran
Concen: 100.152 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

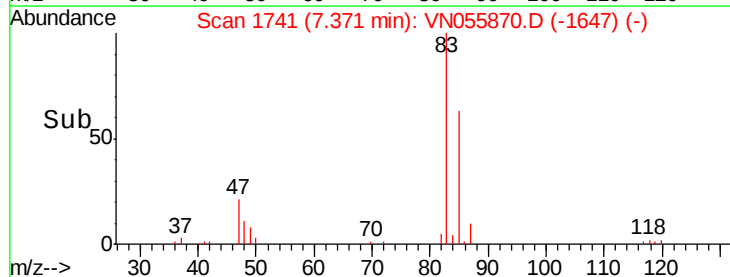
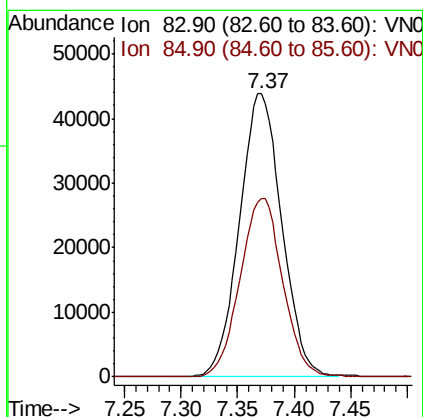
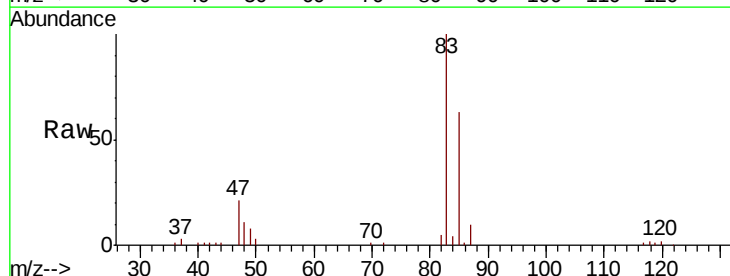
Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

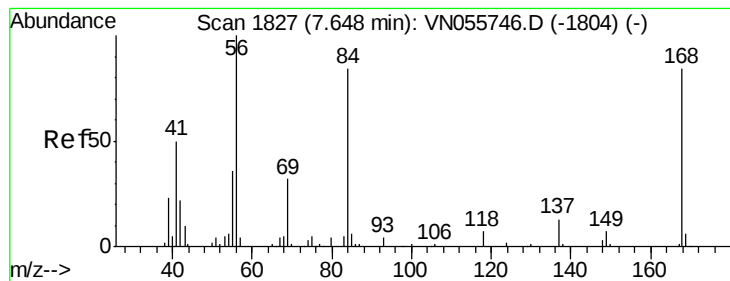
Tot Ion: 42 Resp: 139974
Ion Ratio Lower Upper
42 100
72 46.0 35.9 53.9
71 42.7 34.0 51.0



#30
Chloroform
Concen: 19.911 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 83 Resp: 114124
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8





#31

Cyclohexane

Concen: 19.248 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

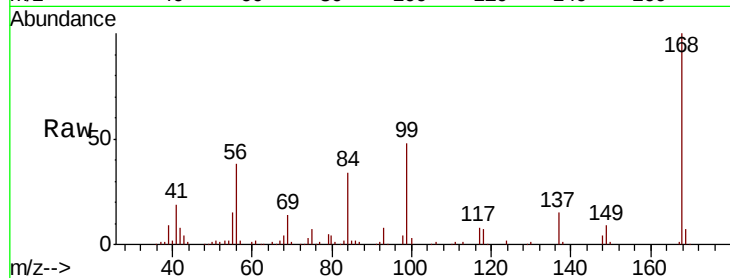
Tot Ion: 56 Resp: 103860

Ion Ratio Lower Upper

56 100

69 37.9 25.6 38.4

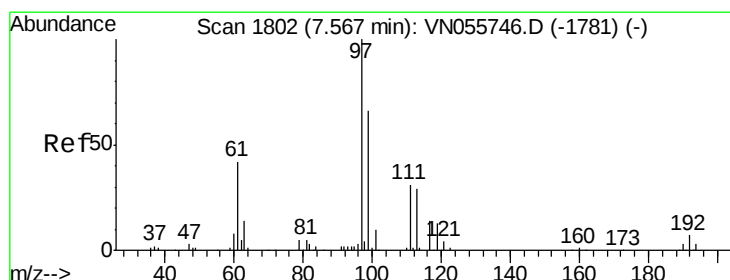
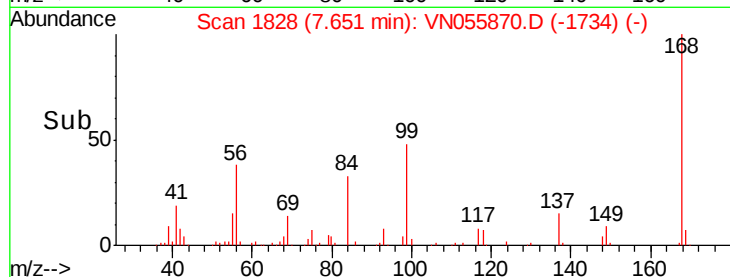
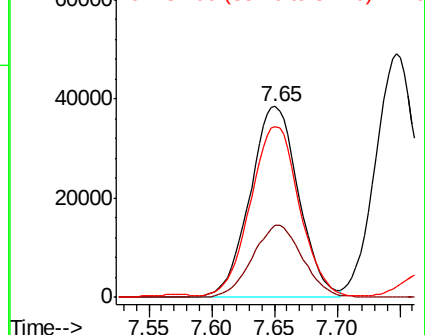
84 88.6 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN055870.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN055870.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN055870.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 19.089 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

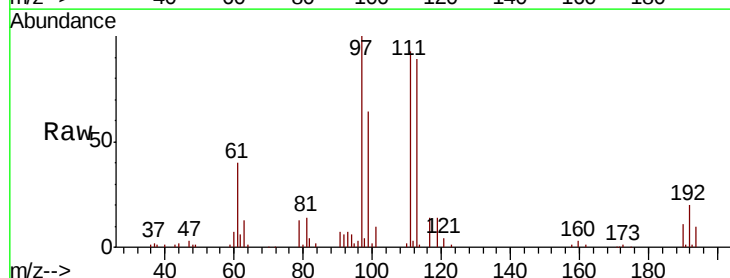
Tgt Ion: 97 Resp: 97634

Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

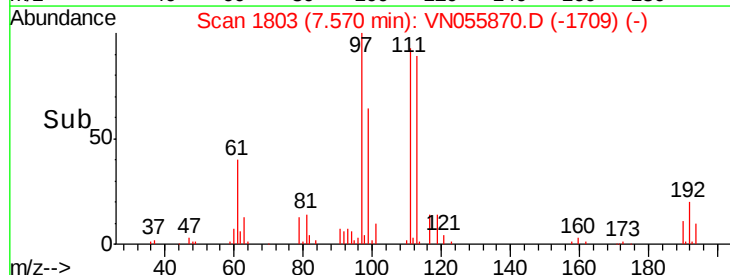
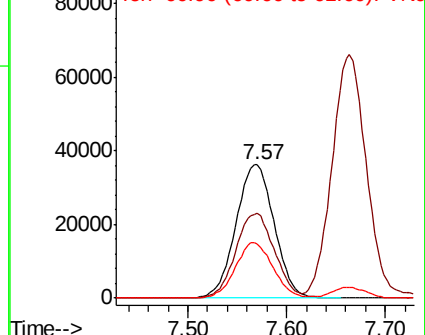
61 40.9 32.9 49.3

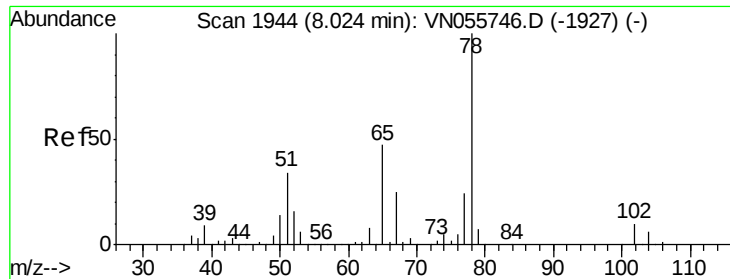


Abundance Ion 96.90 (96.60 to 97.60): VN055870.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN055870.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN055870.D (-1709) (-)

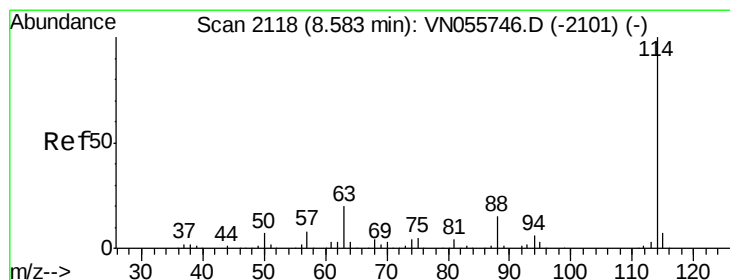
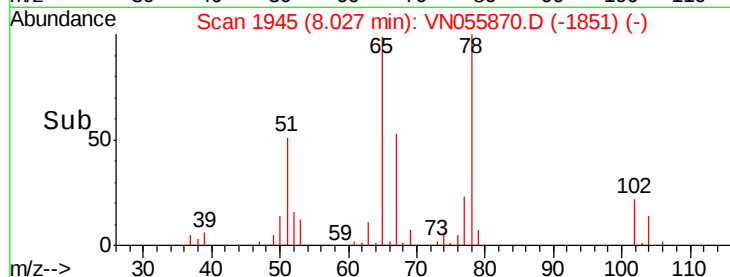
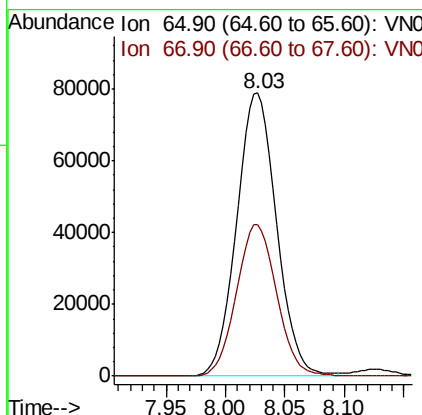
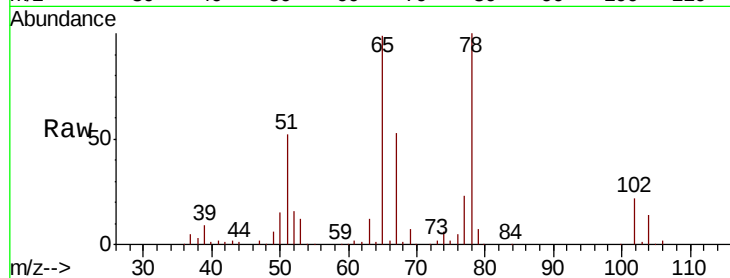




#33
 1,2-Dichloroethane-d4
 Concen: 50.991 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

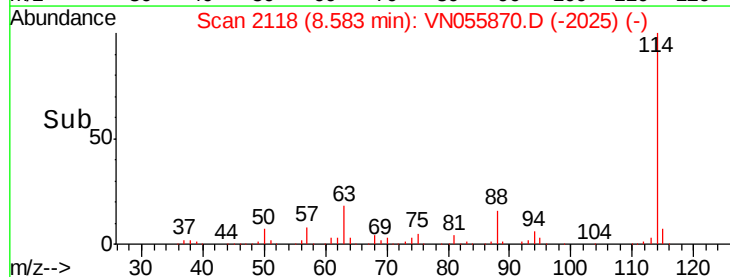
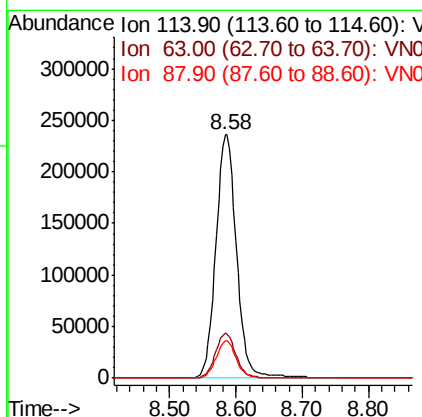
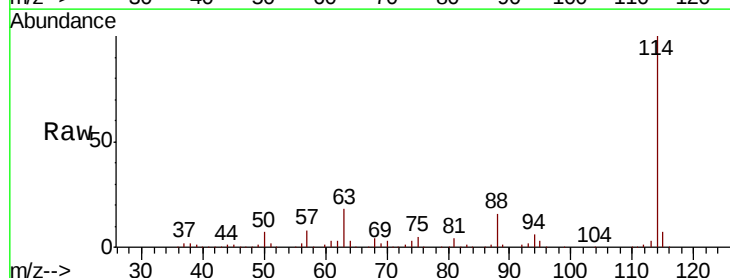
Instrument :
 MSVOA_N
 ClientSampled :
 VN0529MBS01

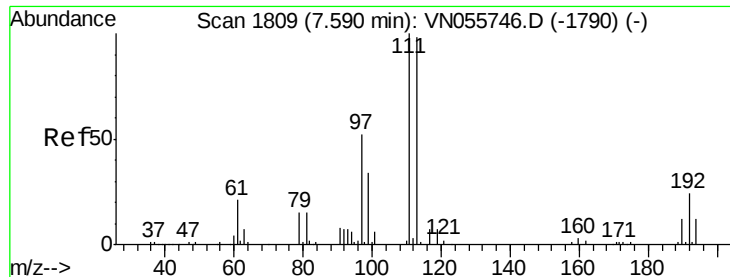
Tot Ion: 65 Resp: 183311
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion: 114 Resp: 509530
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.5 0.0 31.0

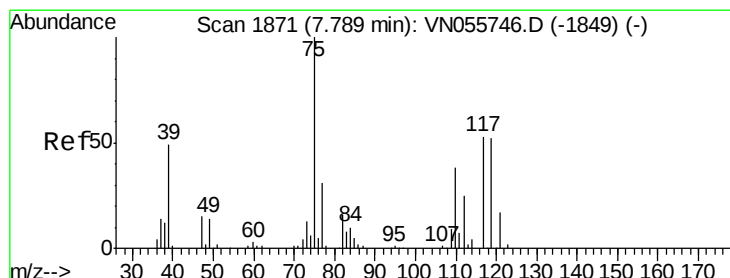
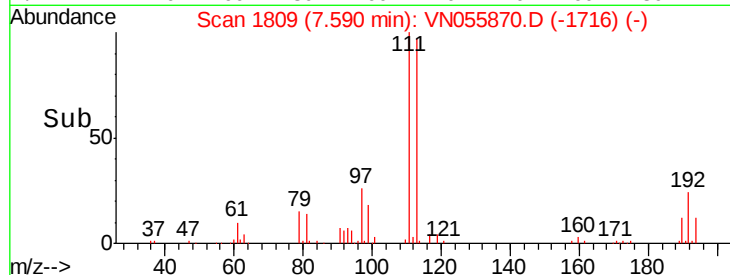
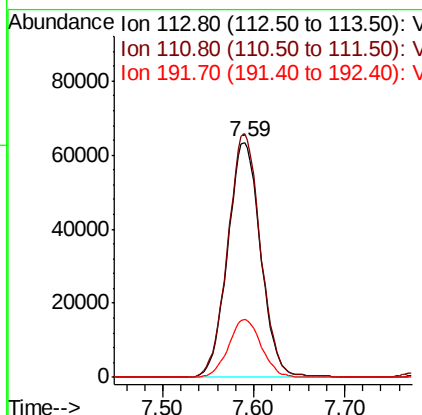
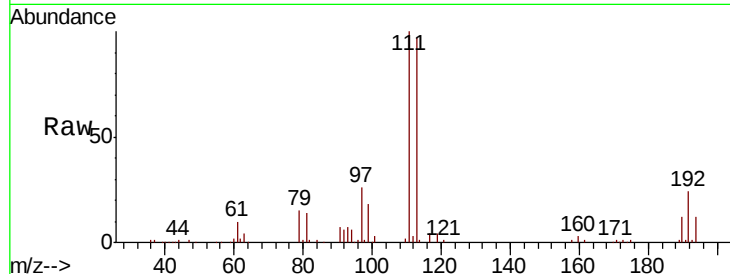




#35
 Dibromofluoromethane
 Concen: 49.561 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

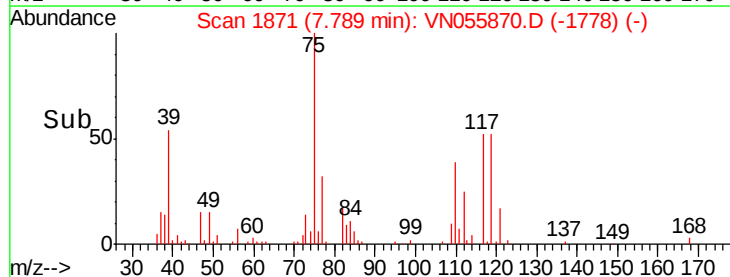
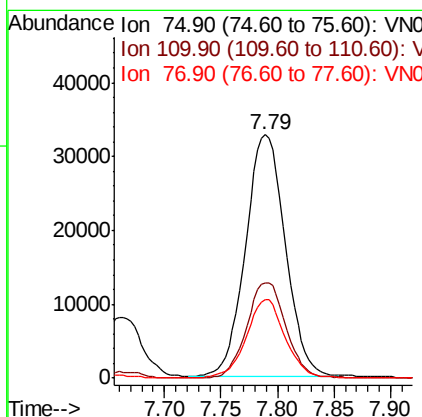
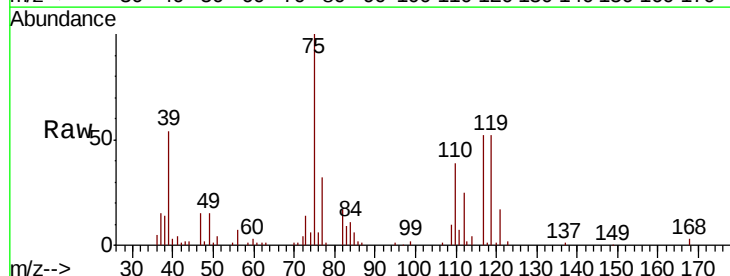
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

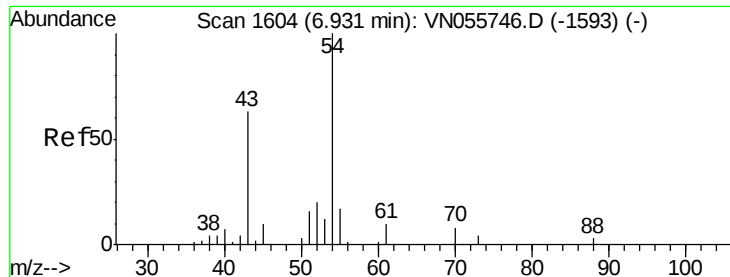
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	24.5	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 18.079 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.0	57.0
77	31.6	25.1	37.7

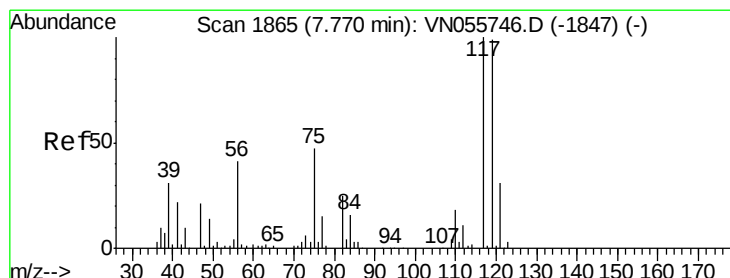
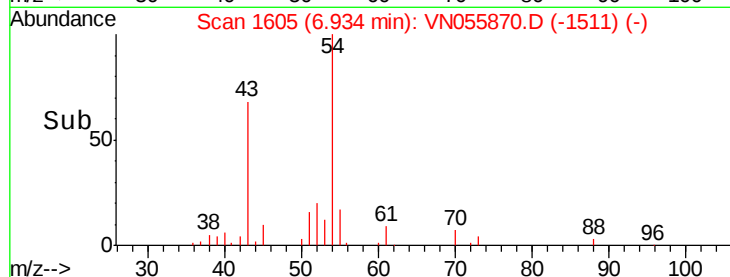
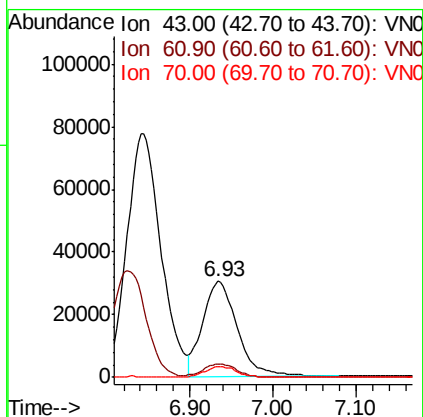
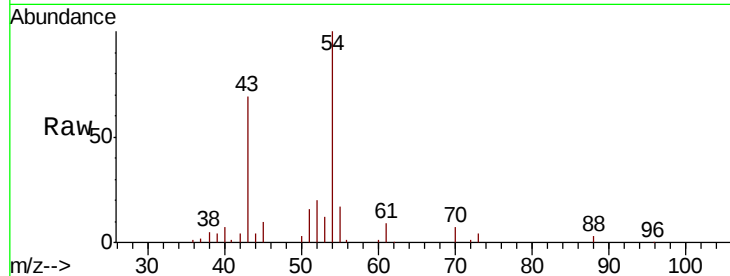




#37
Ethyl Acetate
Concen: 20.503 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

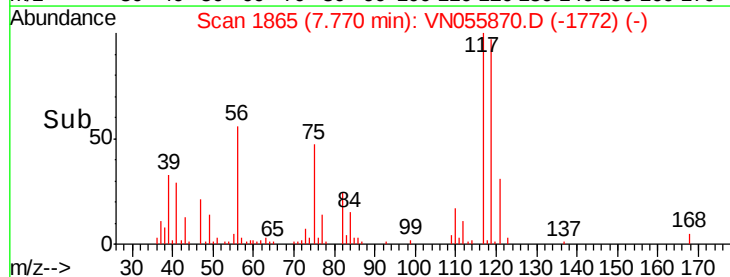
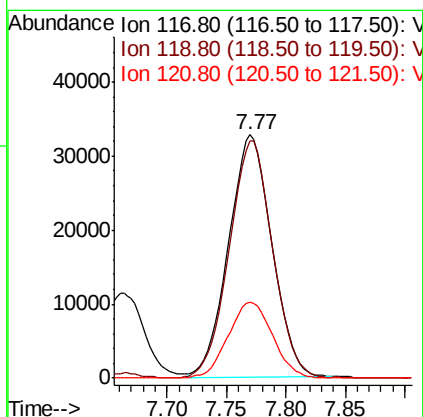
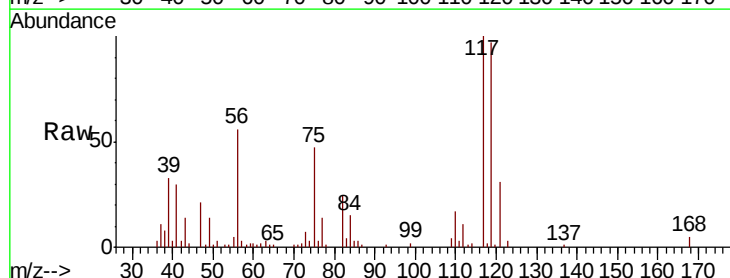
Instrument :
MSVOA_N
ClientSampled :
VN0529MBS01

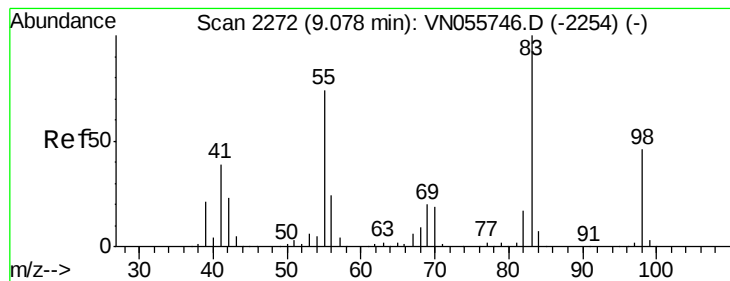
Tot Ion: 43 Resp: 87991
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 17.817 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 117 Resp: 82408
Ion Ratio Lower Upper
117 100
119 97.4 79.0 118.6
121 31.2 24.7 37.1





#39

Methvlcvclohexane

Concen: 18.554 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

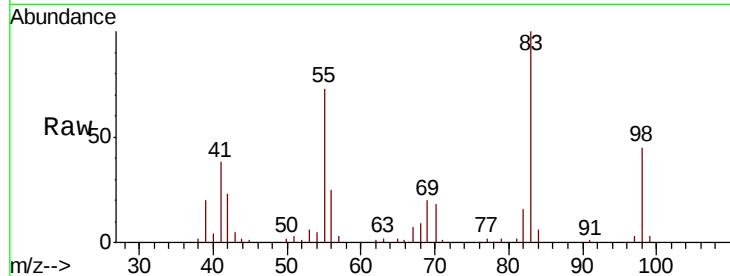
Tot Ion: 83 Resp: 102018

Ion Ratio Lower Upper

83 100

55 73.4 59.3 88.9

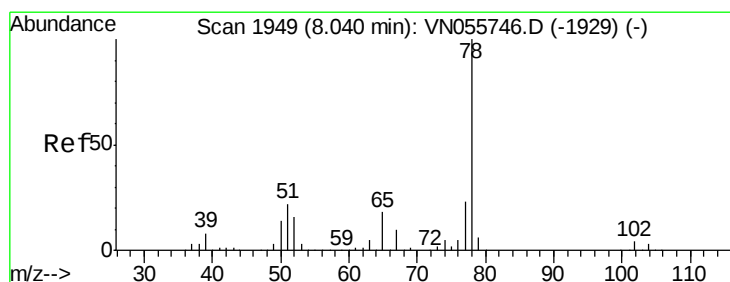
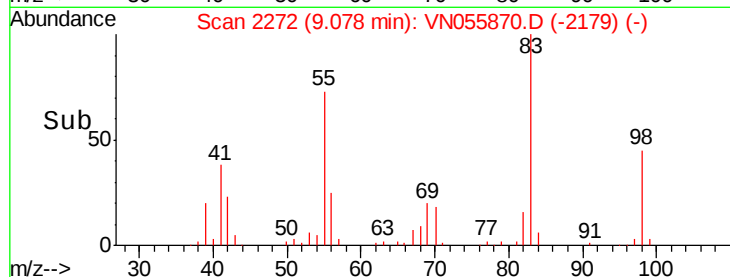
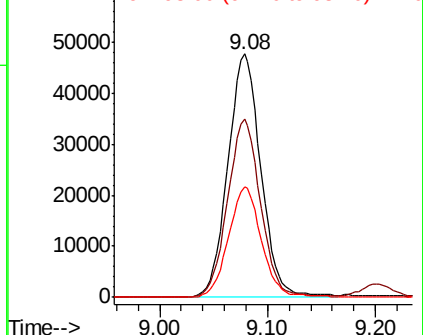
98 45.4 36.6 54.8



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: 19.588 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN055870.D

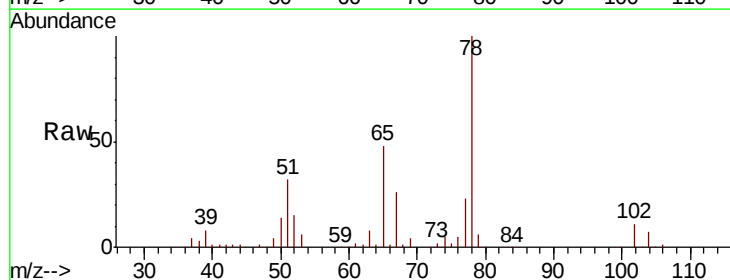
Acq: 29 May 2019 12:03

Tgt Ion: 78 Resp: 262130

Ion Ratio Lower Upper

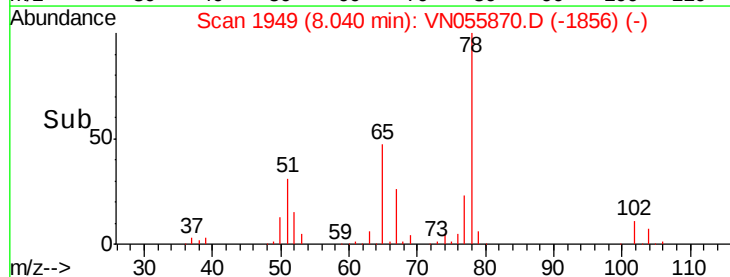
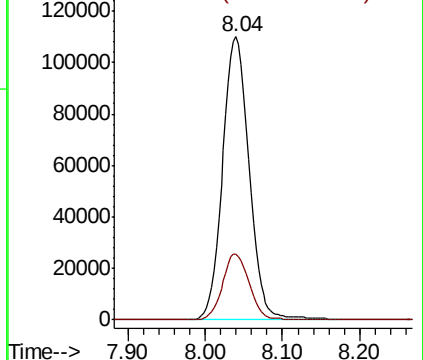
78 100

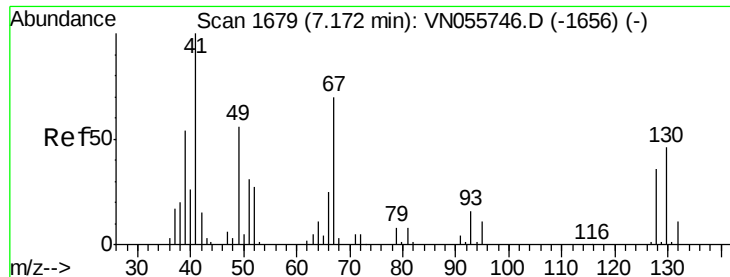
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

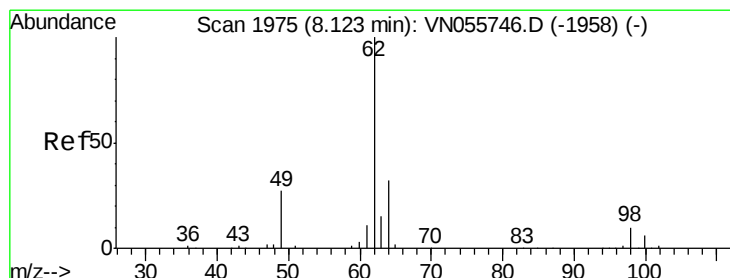
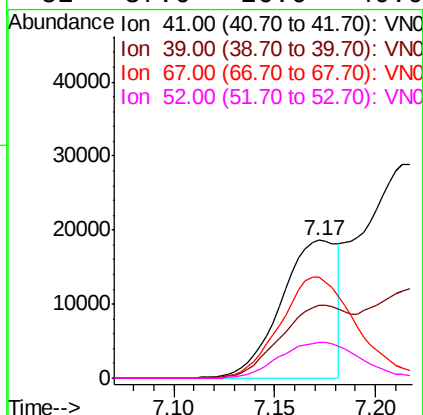
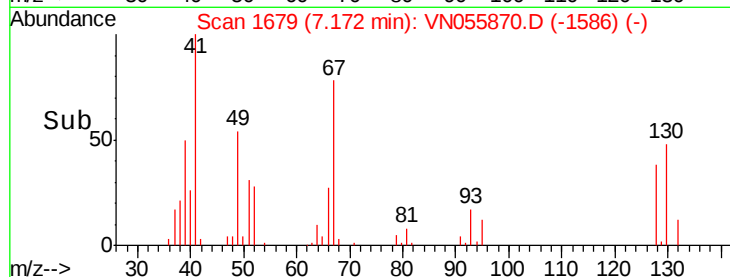
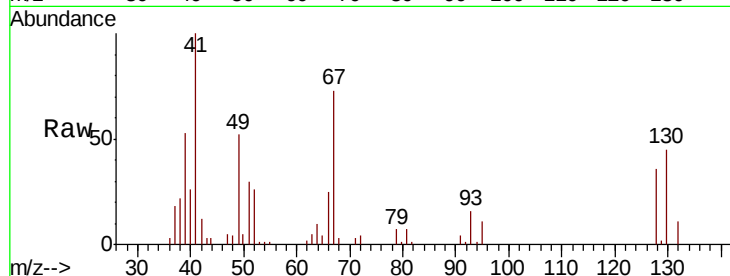




#41
Methacrylonitrile
Concen: 16.717 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

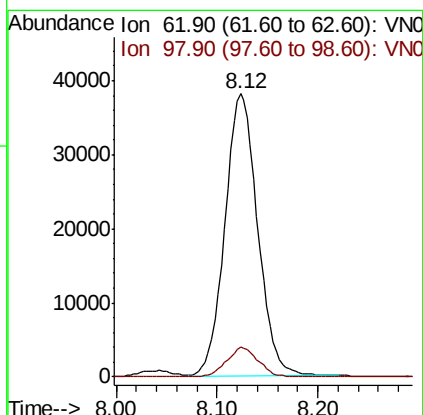
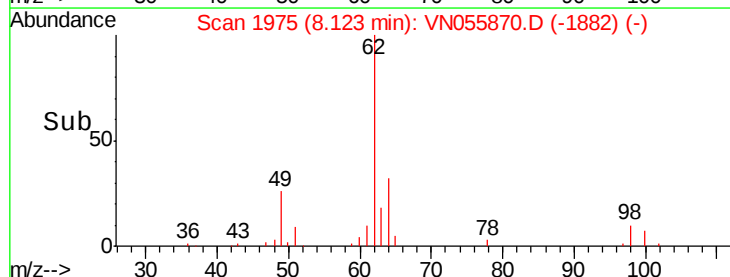
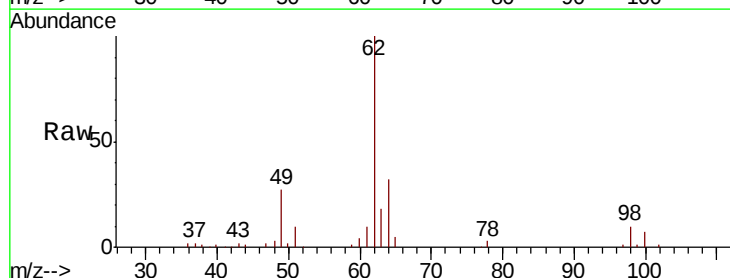
Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

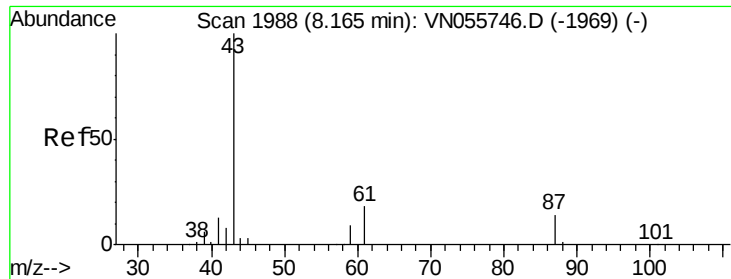
Tot Ion: 41 Resp: 36245
Ion Ratio Lower Upper
41 100
39 62.4 45.6 68.4
67 100.1 67.7 101.5
52 37.6 26.6 40.0



#42
1,2-Dichloroethane
Concen: 19.728 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 62 Resp: 86268
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.138 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

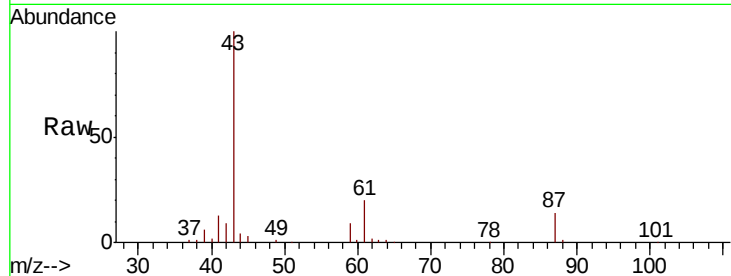
Tot Ion: 43 Resp: 137996

Ion Ratio Lower Upper

43 100

61 21.4 22.2 33.4#

87 13.6 11.4 17.2



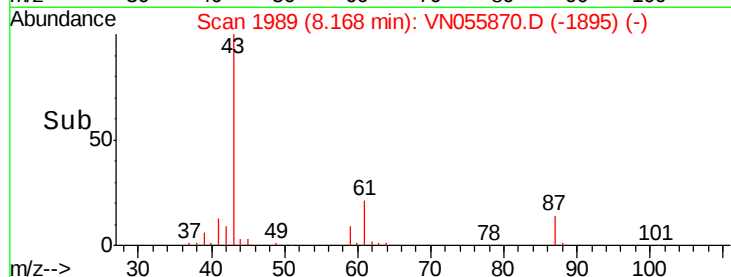
Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)

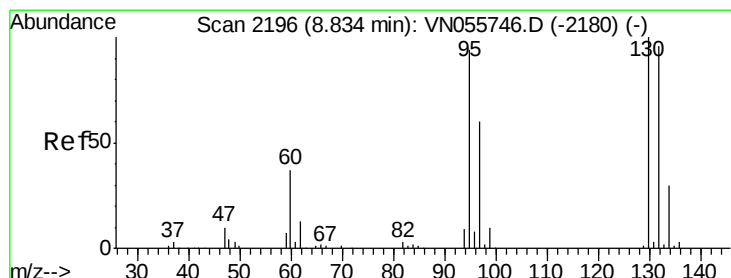
8.17

Time-->



8.17

Time-->



#44

Trichloroethene

Concen: 19.643 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055870.D

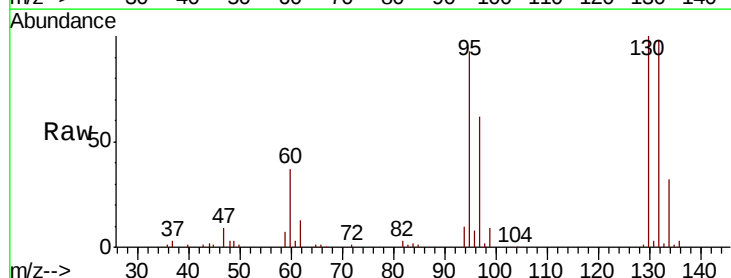
Acq: 29 May 2019 12:03

Tgt Ion:130 Resp: 73285

Ion Ratio Lower Upper

130 100

95 93.1 0.0 188.0

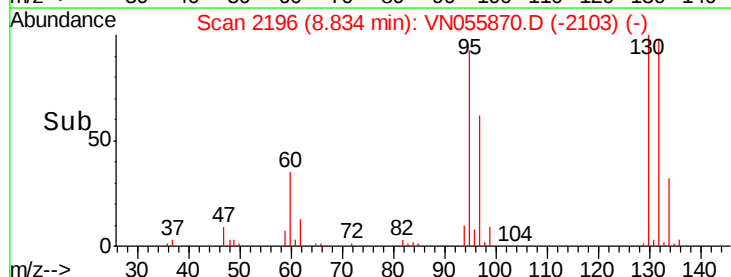


Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

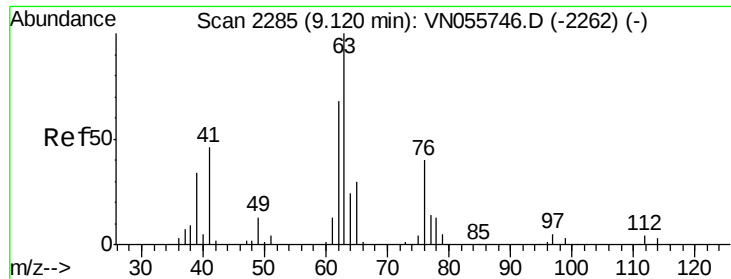
8.83

Time-->



8.83

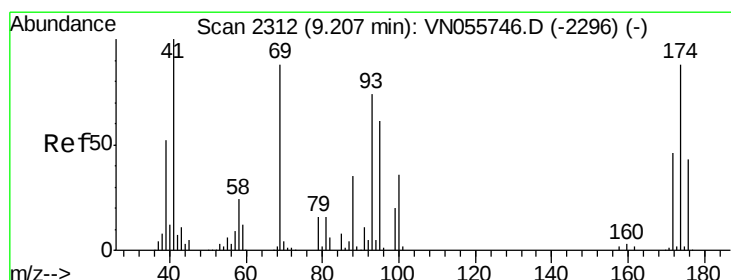
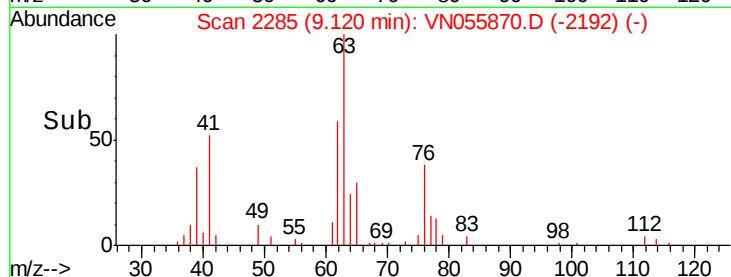
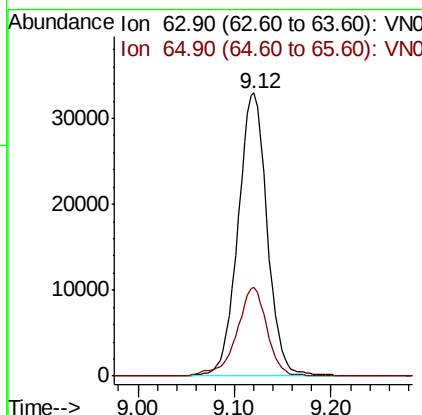
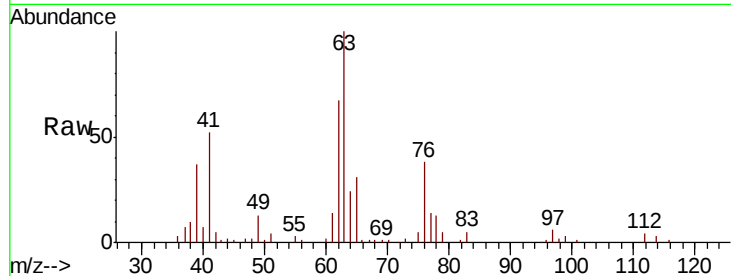
Time-->



#45
 1,2-Dichloropropane
 Concen: 19.840 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

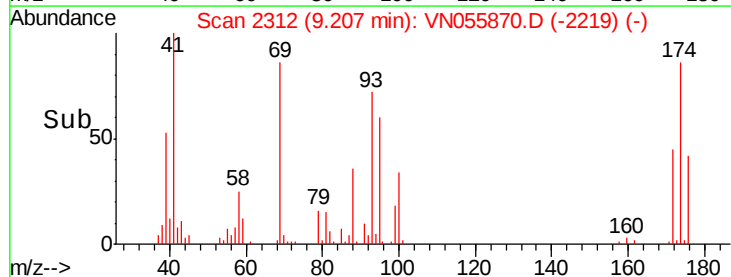
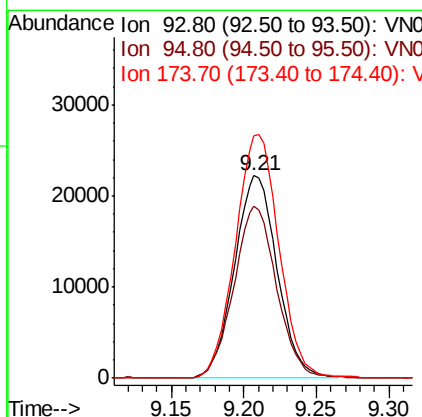
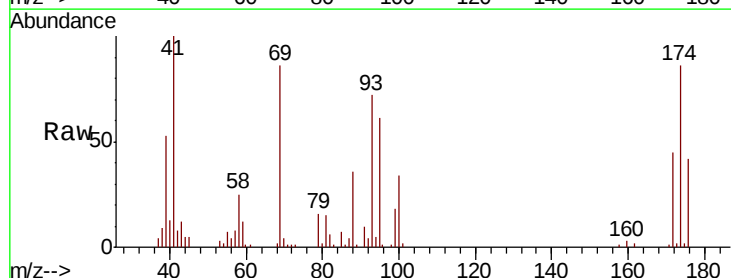
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

Tot Ion: 63 Resp: 69174
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 19.911 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion: 93 Resp: 45529
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 122.7 96.4 144.6





#47

Bromodichloromethane

Concen: 18.600 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

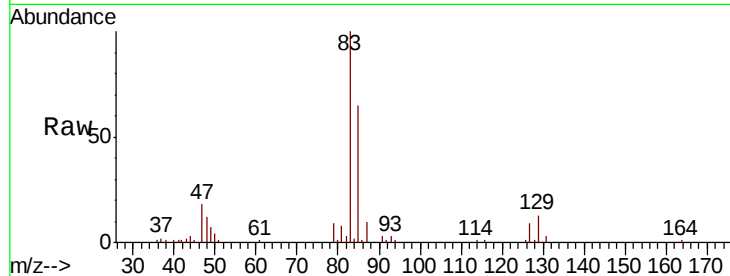
Tot Ion: 83 Resp: 87209

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

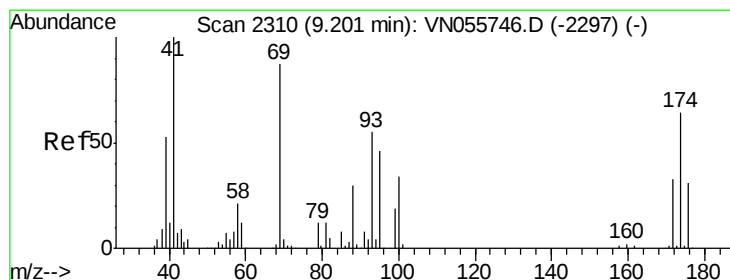
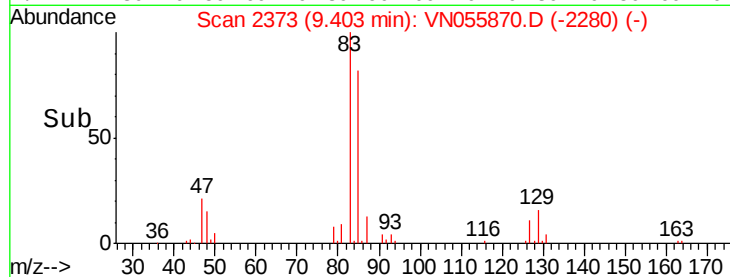
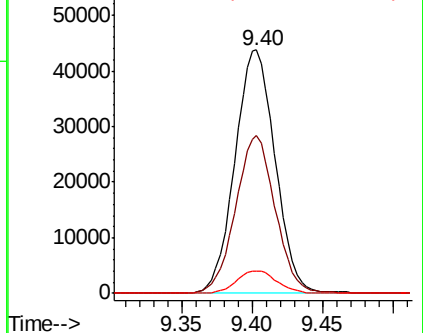
127 9.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055870.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055870.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055870.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.256 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

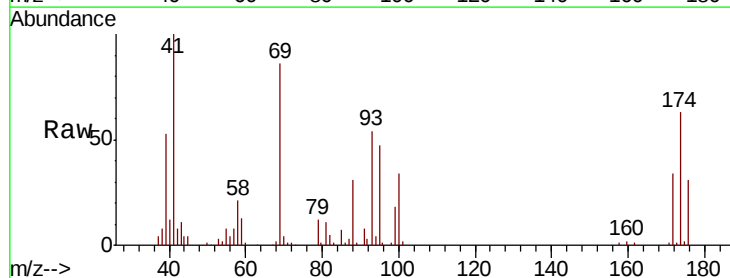
Tgt Ion: 41 Resp: 67314

Ion Ratio Lower Upper

41 100

69 88.2 71.0 106.6

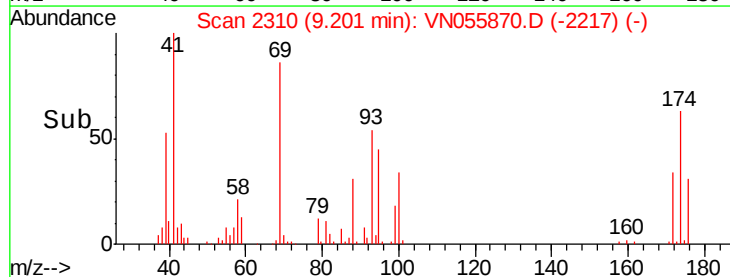
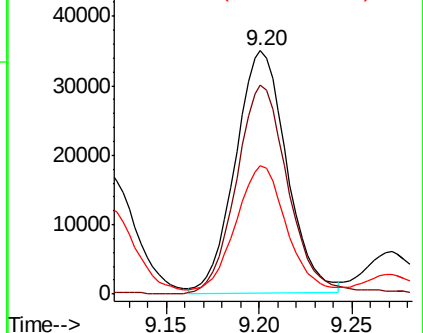
39 52.3 44.2 66.2

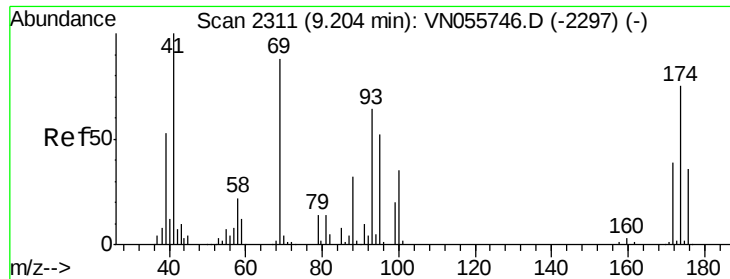


Abundance Ion 41.00 (40.70 to 41.70): VN055870.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055870.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055870.D (-2217) (-)





#49

1,4-Dioxane

Concen: 410.997 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

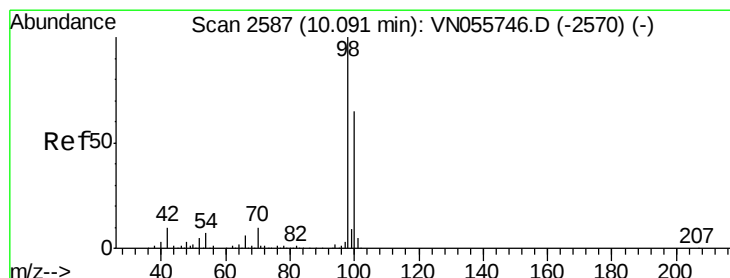
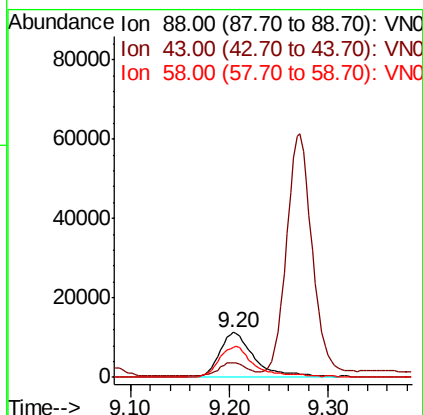
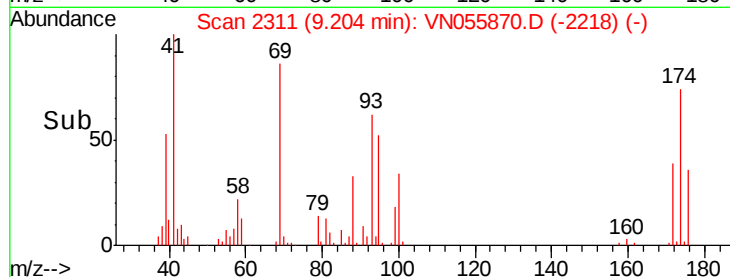
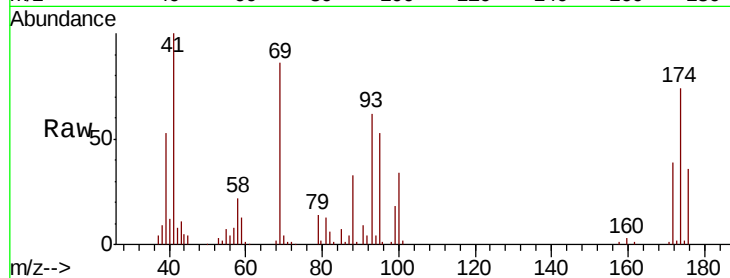
Tot Ion: 88 Resp: 28383

Ion Ratio Lower Upper

88 100

43 24.9 20.5 30.7

58 69.1 55.8 83.6



#50

Toluene-d8

Concen: 49.758 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055870.D

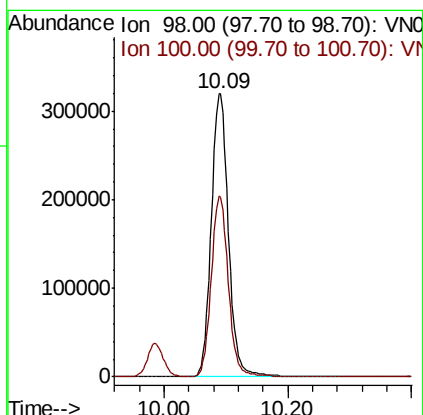
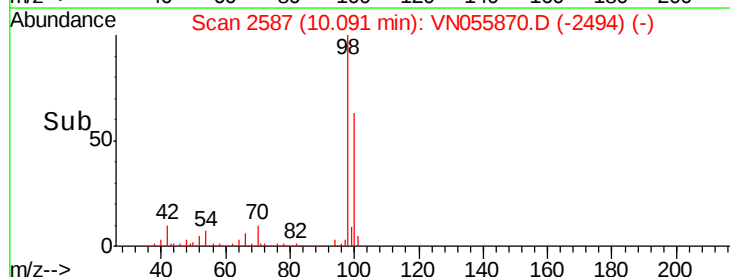
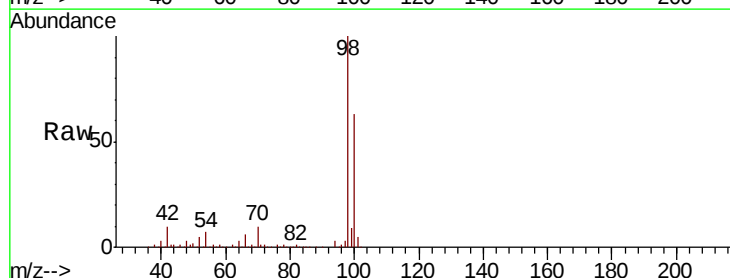
Acq: 29 May 2019 12:03

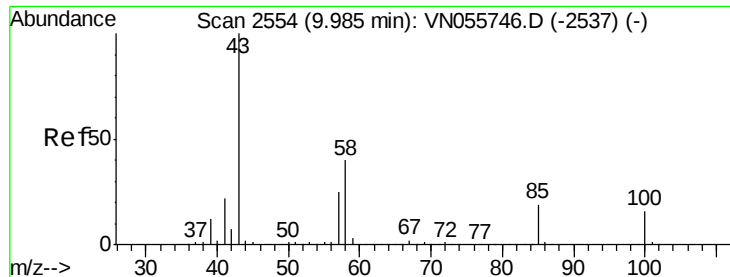
Tgt Ion: 98 Resp: 614868

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 100.584 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

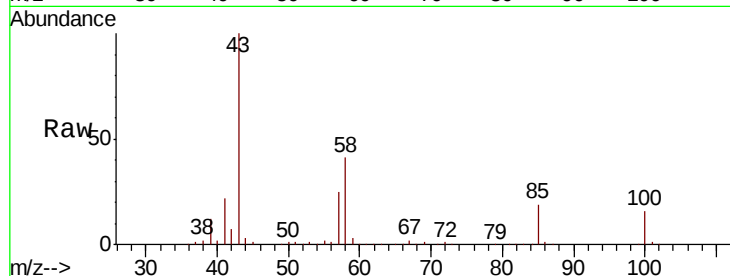
VN0529MBS01

Tot Ion: 43 Resp: 428347

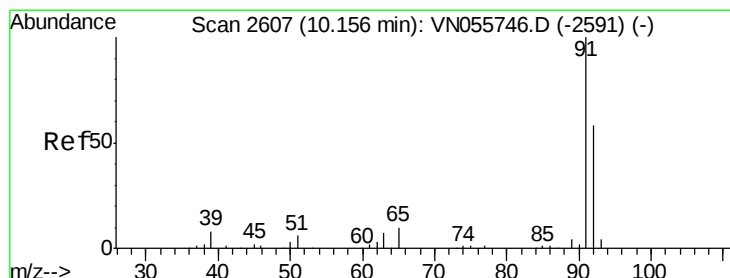
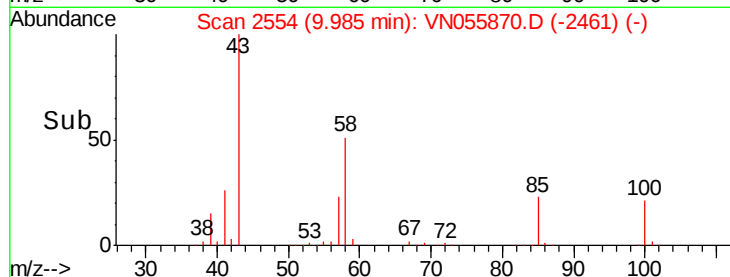
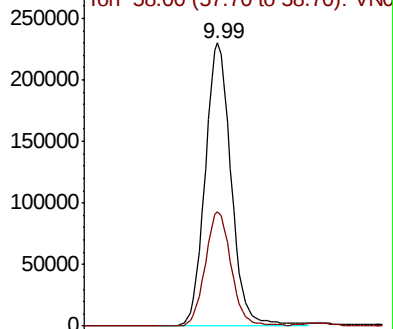
Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055870.D (-2461) (-)



#52

Toluene

Concen: 19.854 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055870.D

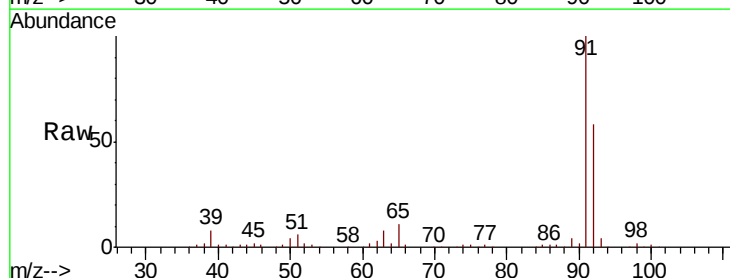
Acq: 29 May 2019 12:03

Tgt Ion: 92 Resp: 167106

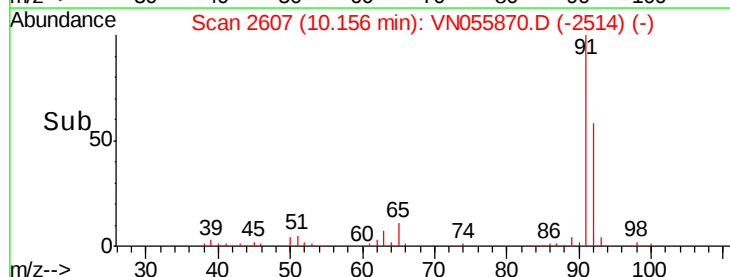
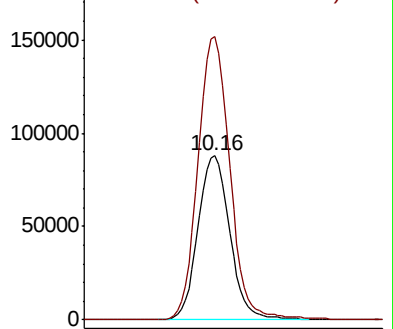
Ion Ratio Lower Upper

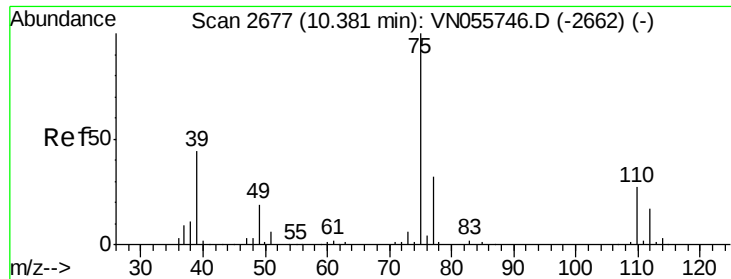
92 100

91 173.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055870.D (-2514) (-)





#53

t-1,3-Dichloropropene

Concen: 17.977 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

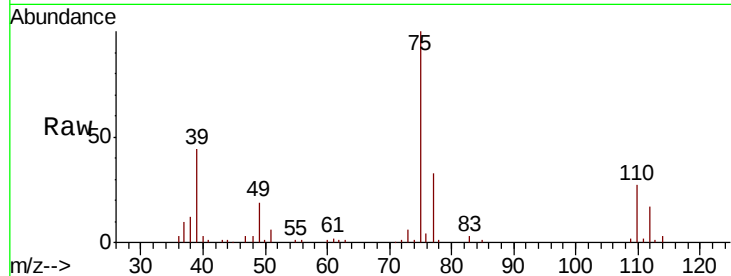
VN0529MBS01

Tot Ion: 75 Resp: 89970

Ion Ratio Lower Upper

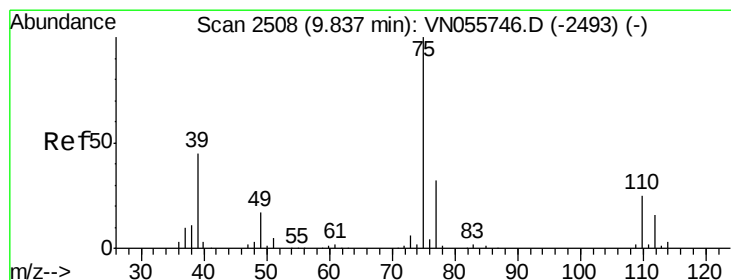
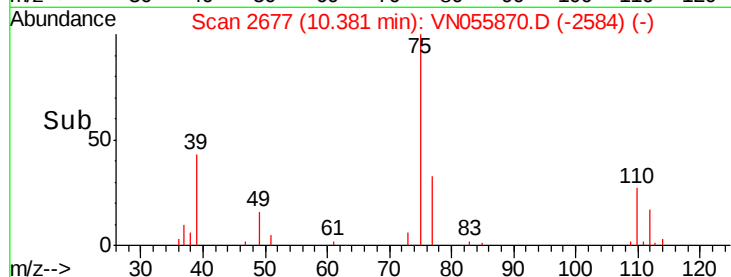
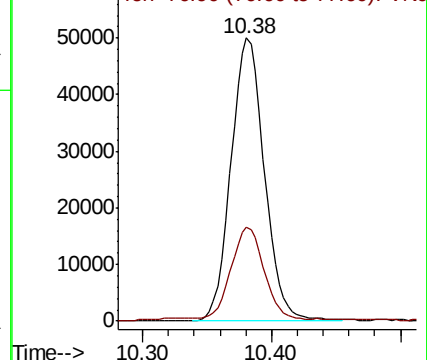
75 100

77 32.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.814 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

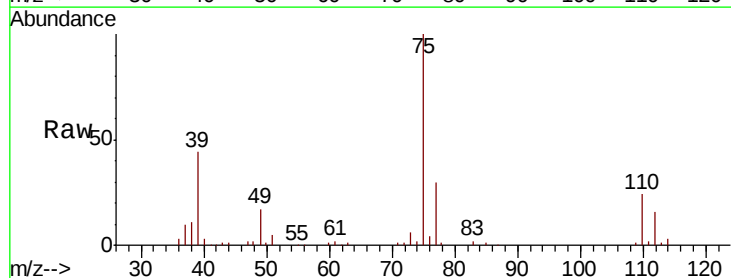
Tgt Ion: 75 Resp: 104311

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0

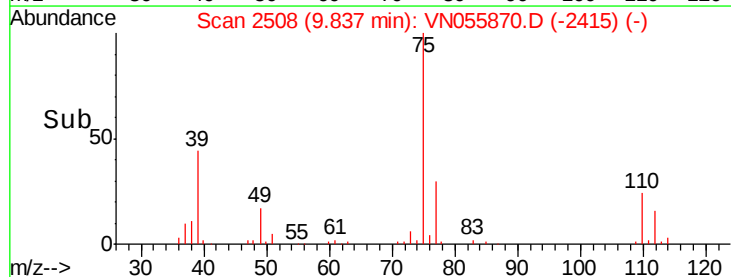
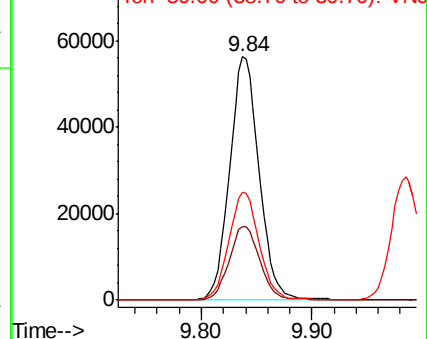
39 44.2 36.3 54.5

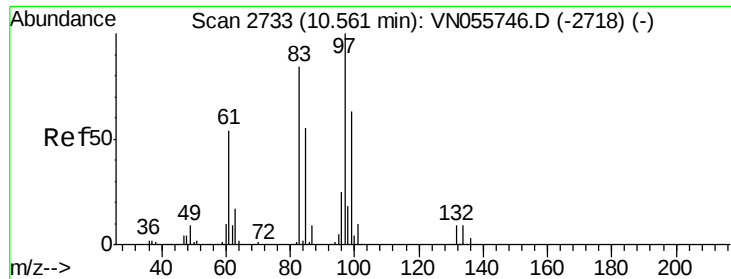


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.055 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

Tot Ion: 97 Resp: 67621

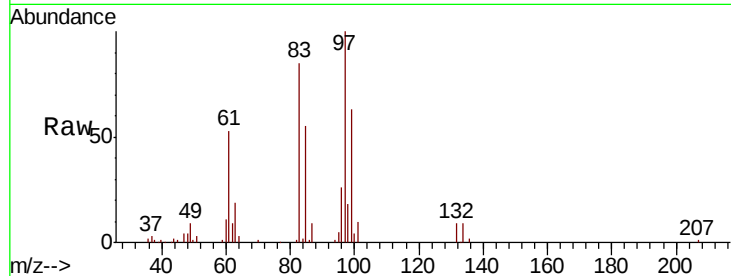
Ion Ratio Lower Upper

97 100

83 84.9 67.0 100.6

85 55.3 44.0 66.0

99 62.7 50.6 75.8



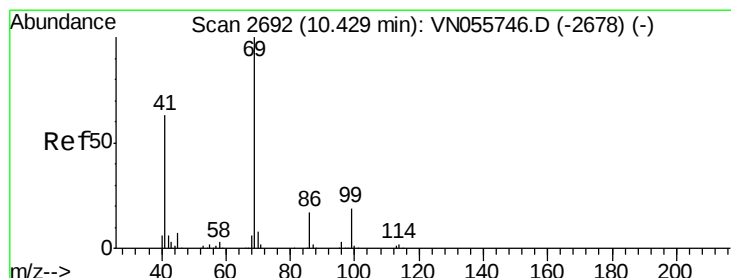
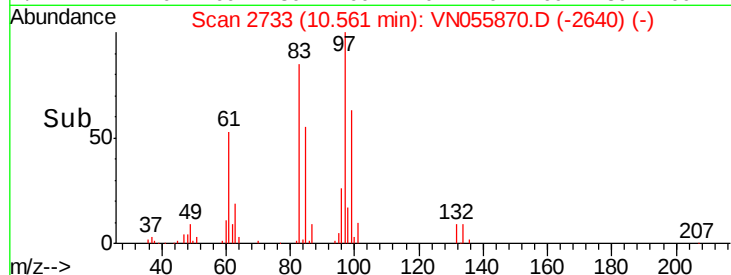
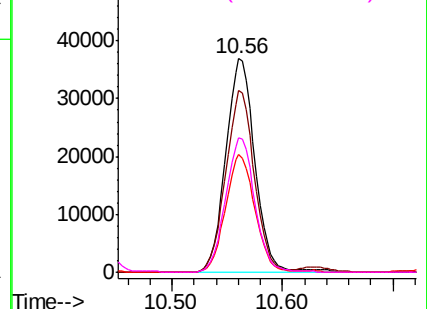
Abundance

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: 19.404 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

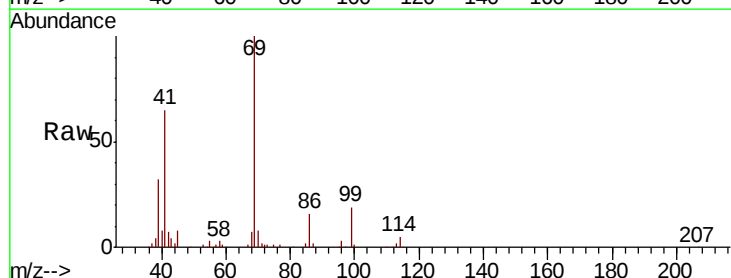
Tgt Ion: 69 Resp: 101115

Ion Ratio Lower Upper

69 100

41 63.6 49.7 74.5

39 31.8 24.7 37.1

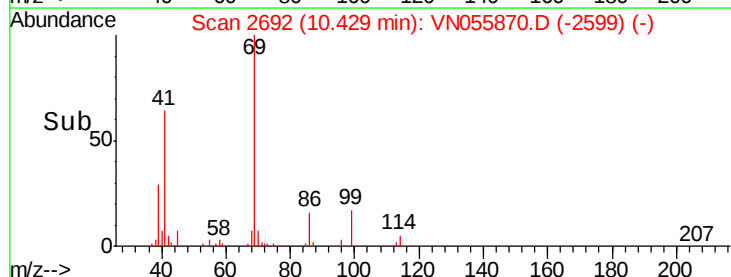
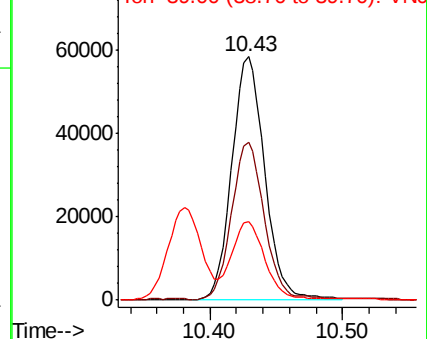


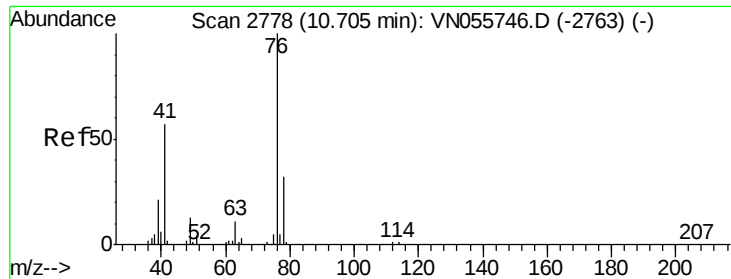
Abundance

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

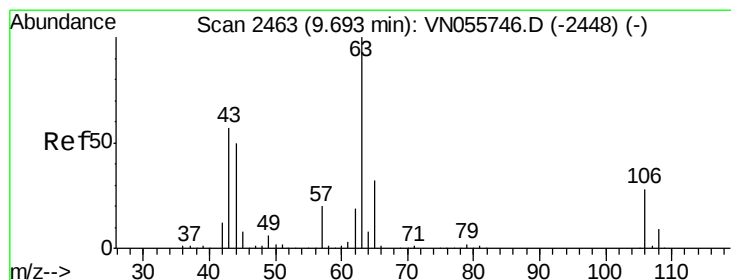
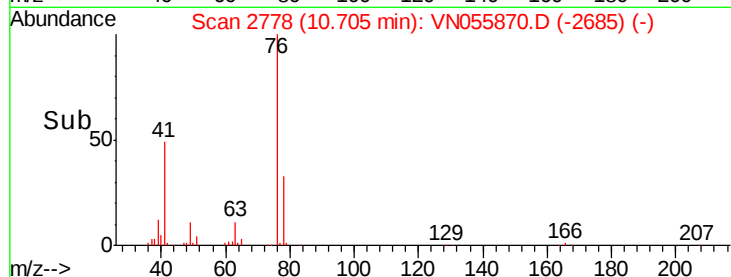
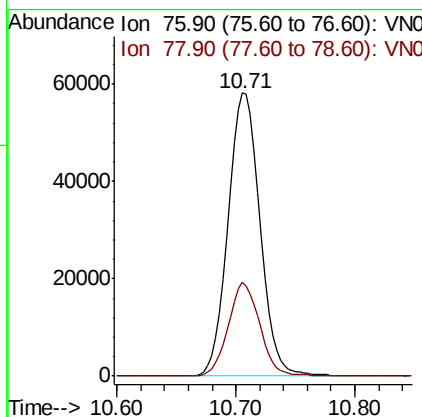
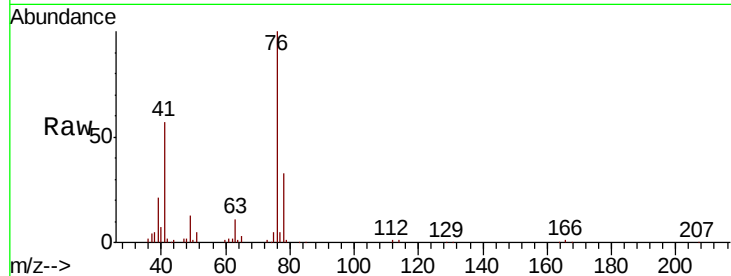




#57
 1,3-Dichloropropane
 Concen: 19.780 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

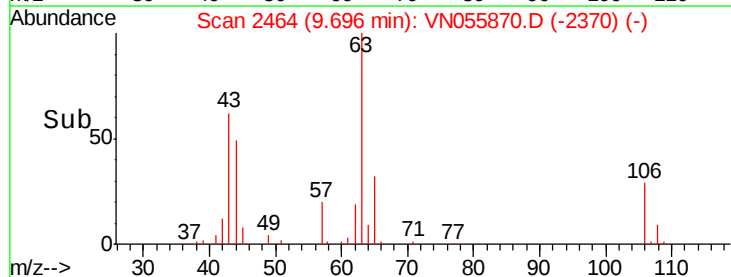
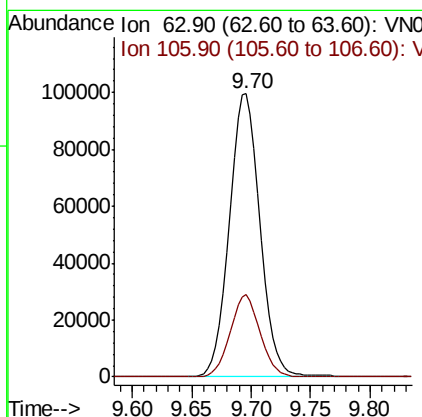
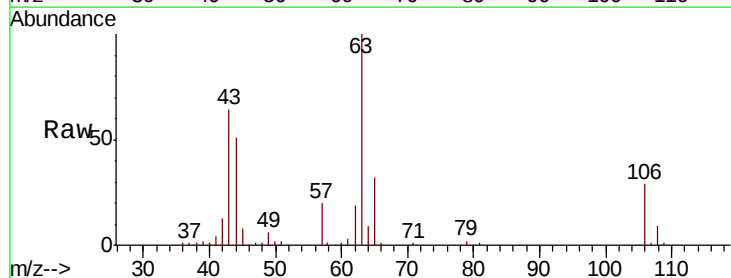
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

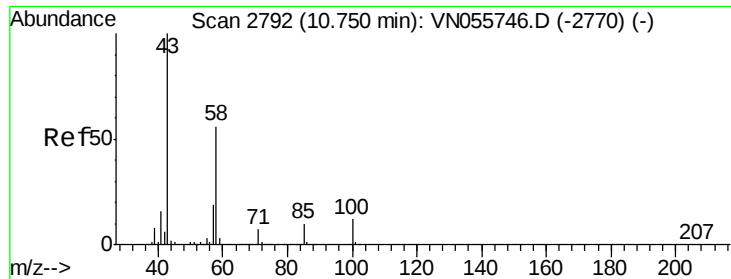
Tot Ion: 76 Resp: 108410
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.320 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion: 63 Resp: 177873
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

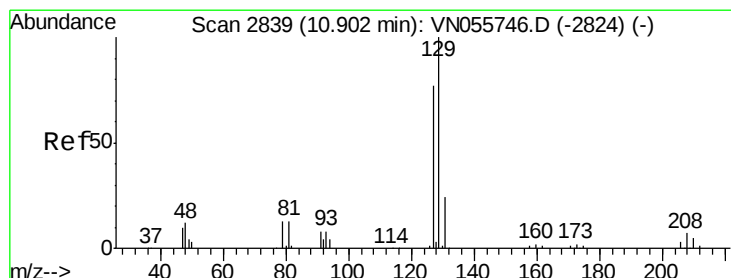
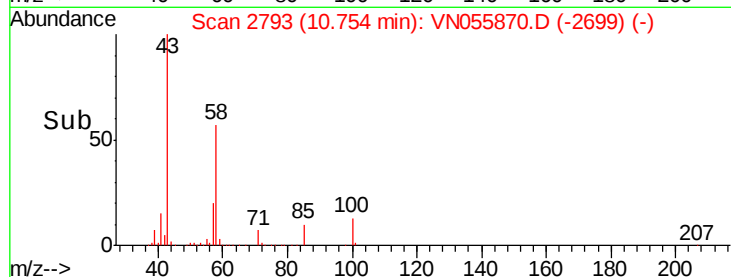
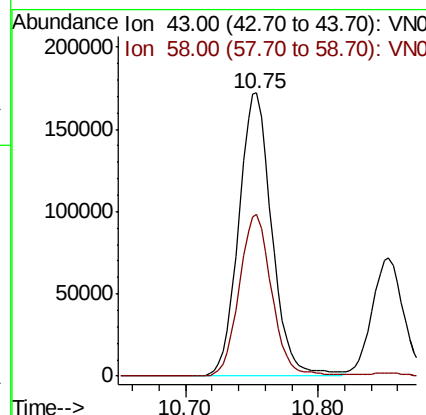
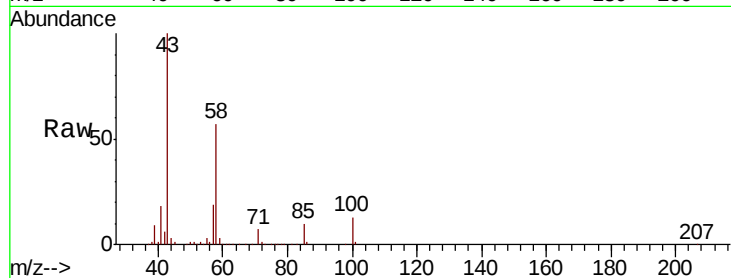




#59
2-Hexanone
Concen: 98.401 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

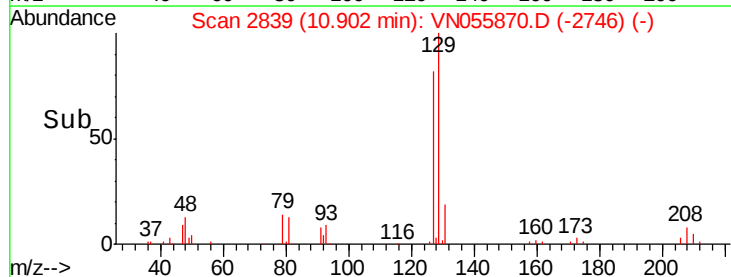
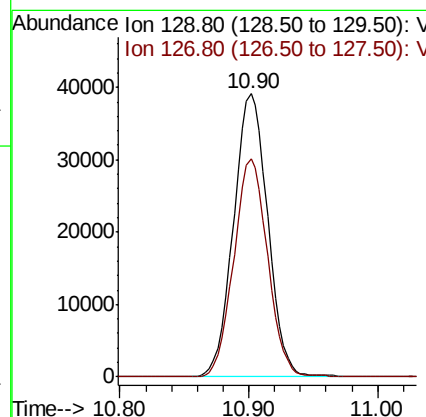
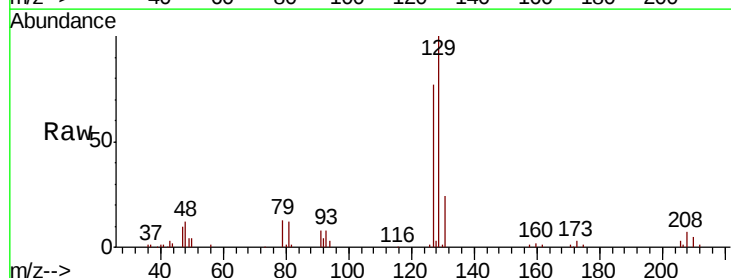
Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

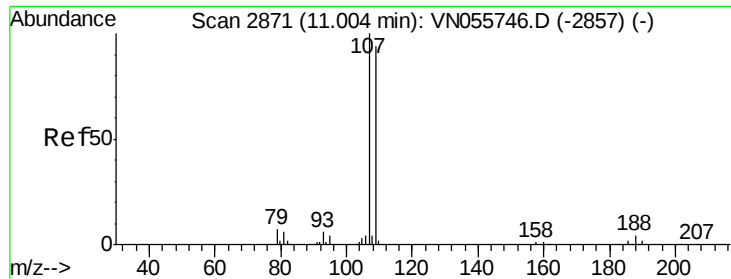
Tot Ion: 43 Resp: 297277
Ion Ratio Lower Upper
43 100
58 56.7 28.2 84.7



#60
Dibromochloromethane
Concen: 18.331 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion: 129 Resp: 72002
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.730 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

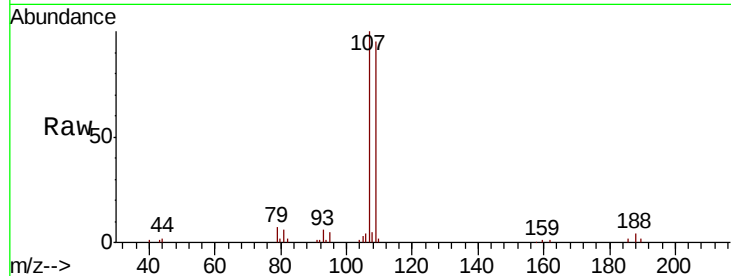
VN0529MBS01

Tot Ion:107 Resp: 69002

Ion Ratio Lower Upper

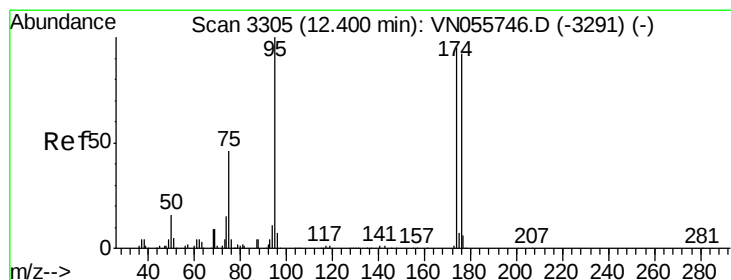
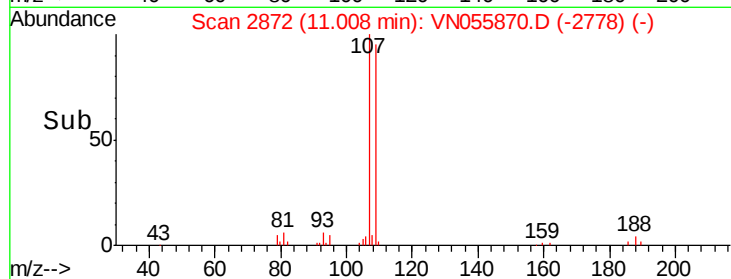
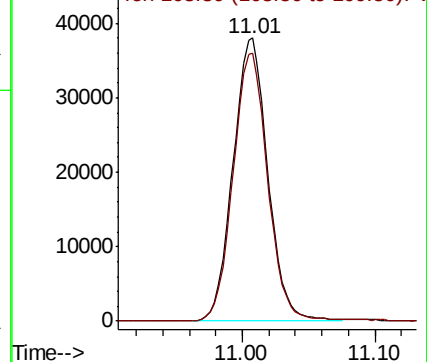
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.398 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

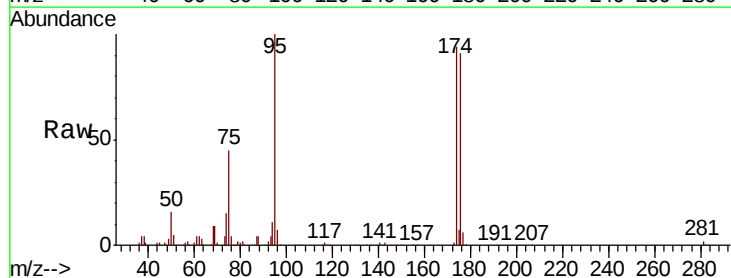
Tgt Ion: 95 Resp: 200831

Ion Ratio Lower Upper

95 100

174 94.1 0.0 191.0

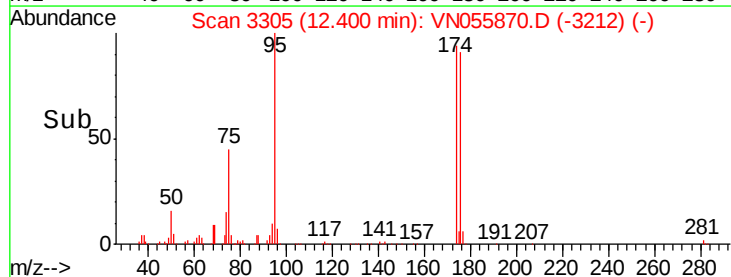
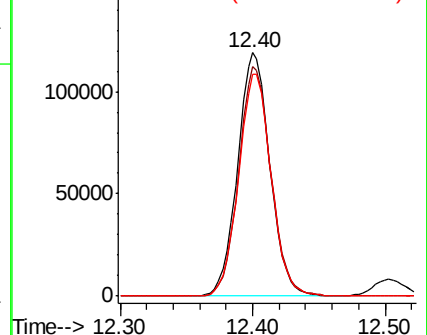
176 92.0 0.0 185.2

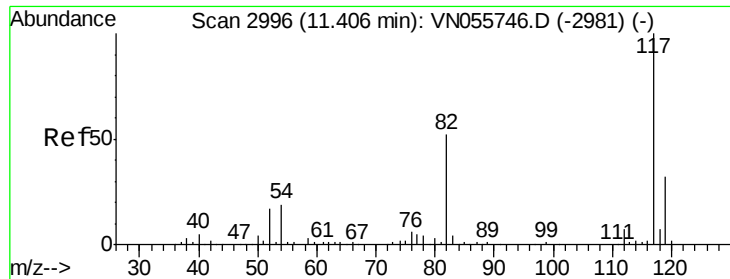


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

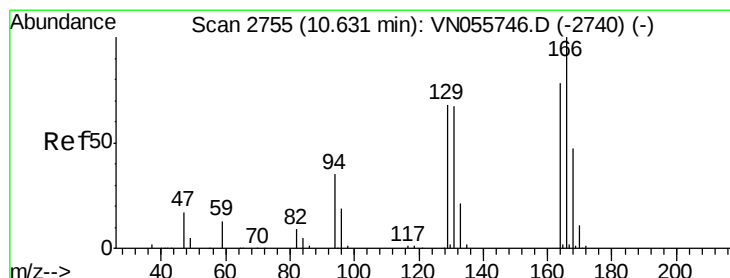
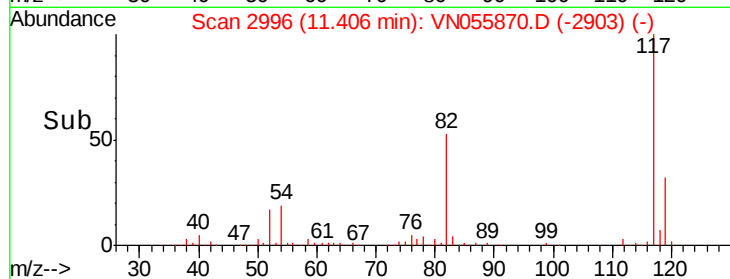
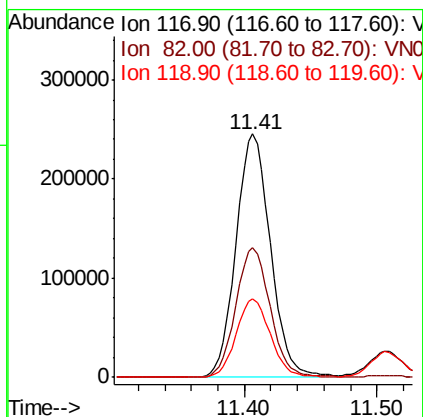
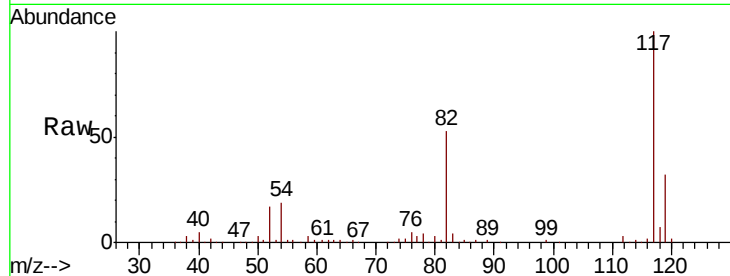




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

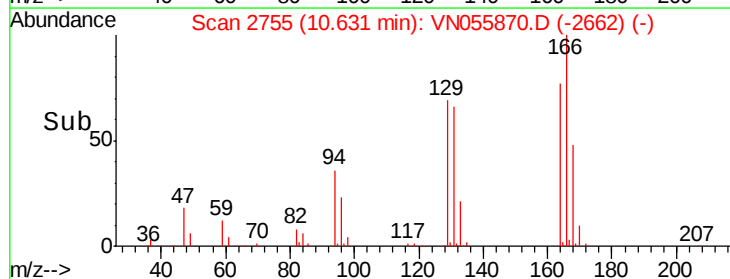
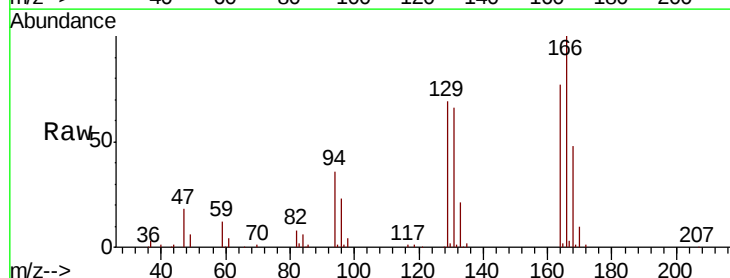
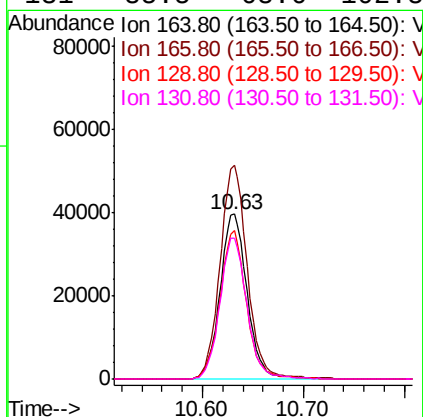
Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

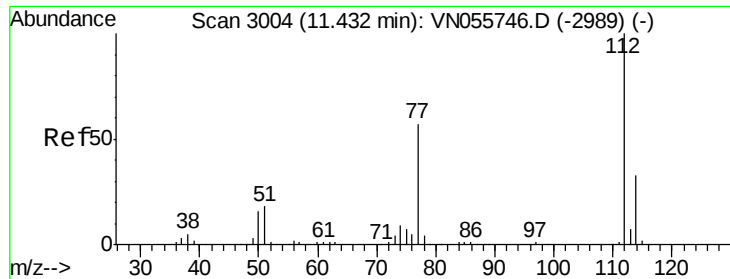
Tot Ion:117 Resp: 444435
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.837 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion:164 Resp: 74359
Ion Ratio Lower Upper
164 100
166 129.7 103.0 154.6
129 89.9 70.6 105.8
131 85.5 68.6 102.8

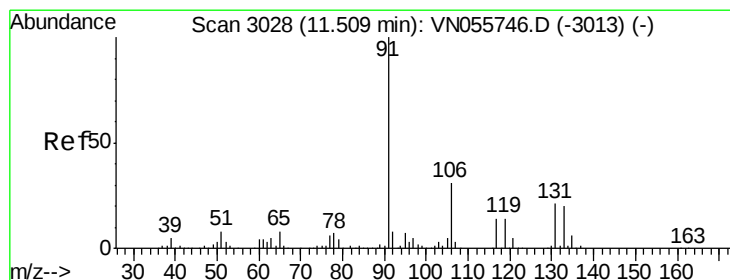
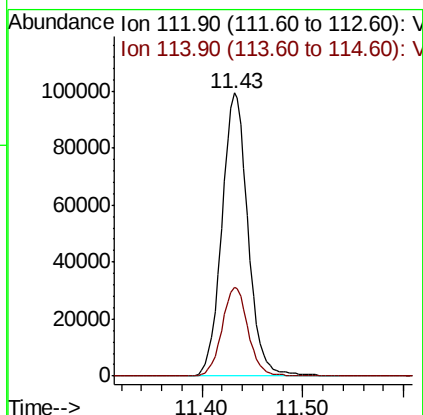
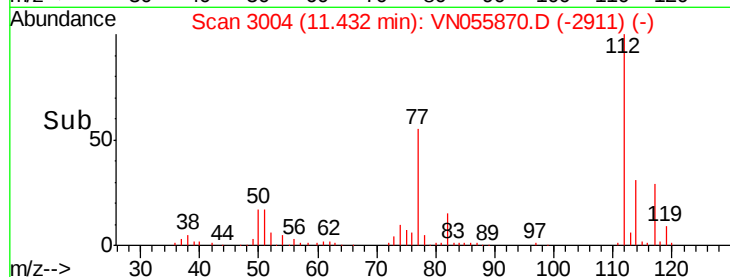
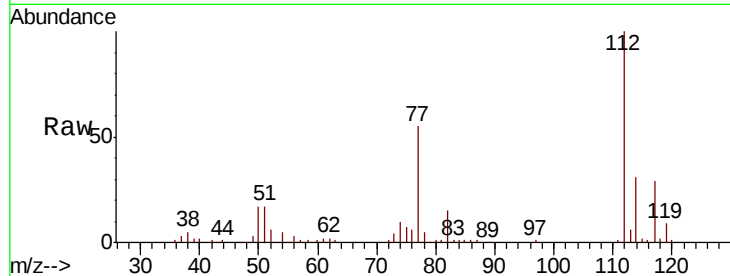




#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

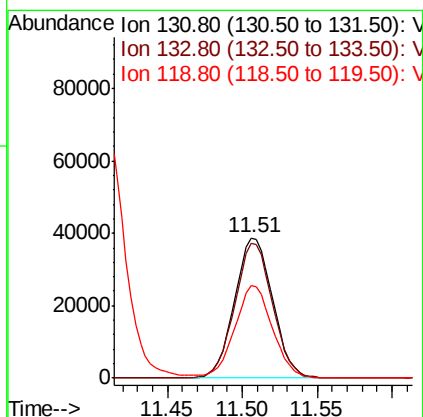
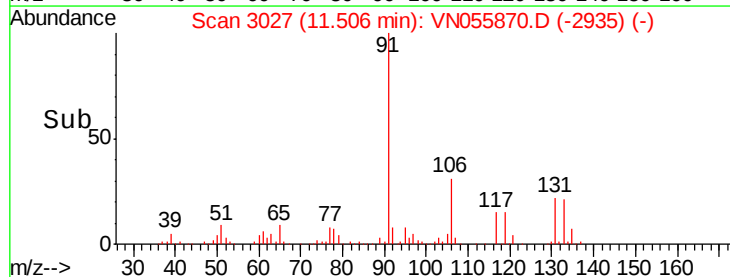
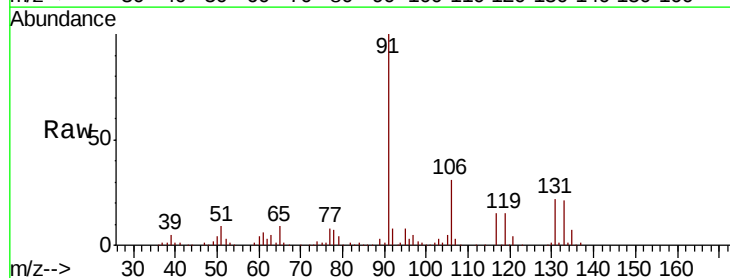
Instrument :
MSVOA_N
ClientSampled :
VN0529MBS01

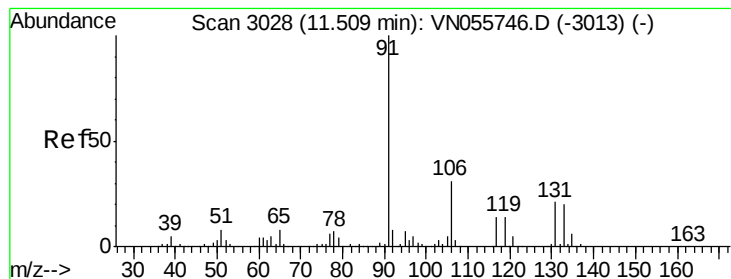
Tot Ion:112 Resp: 179423
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.356 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion:131 Resp: 68683
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 65.4 33.1 99.5





#67

Ethyl Benzene

Concen: 19.958 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

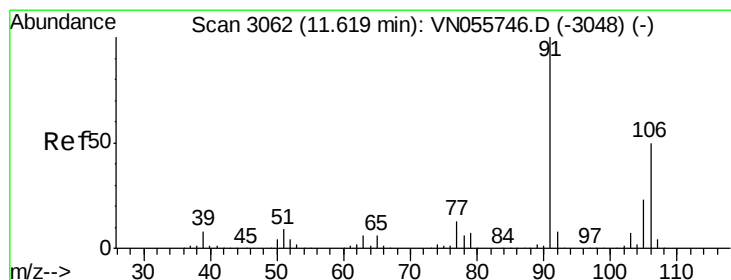
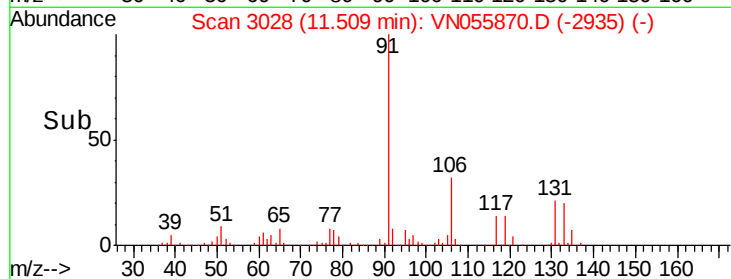
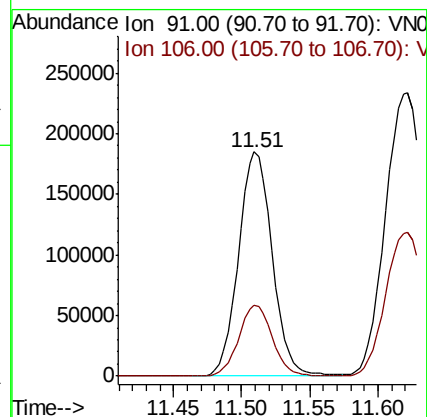
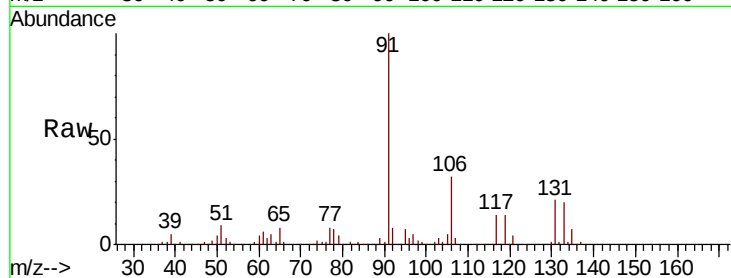
VN0529MBS01

Tot Ion: 91 Resp: 318426

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#68

m/p-Xylenes

Concen: 39.810 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN055870.D

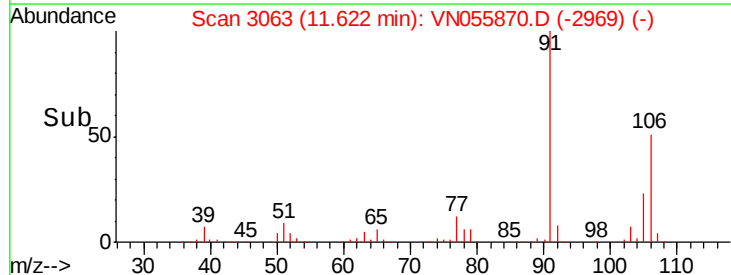
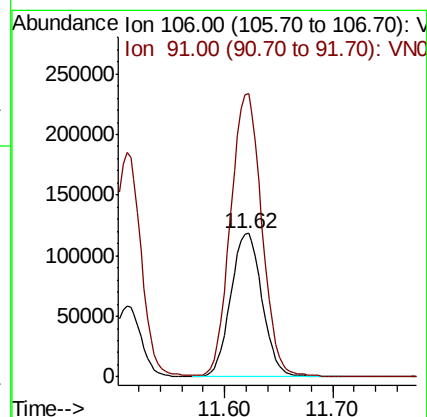
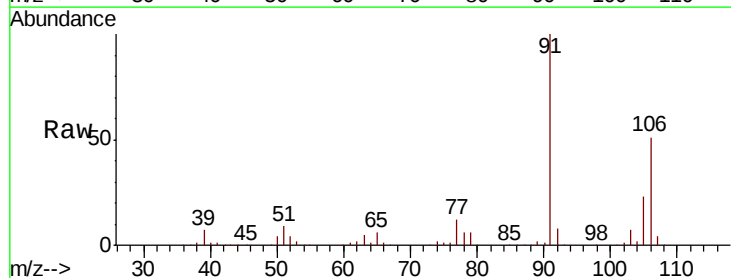
Acq: 29 May 2019 12:03

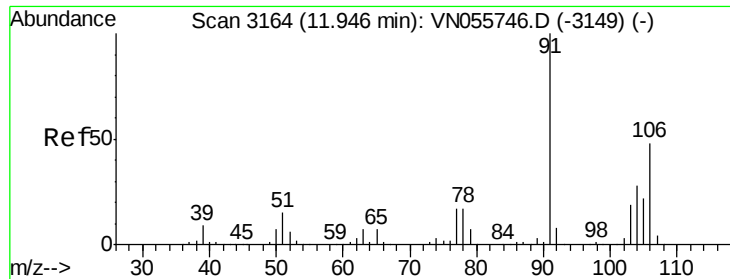
Tgt Ion: 106 Resp: 240123

Ion Ratio Lower Upper

106 100

91 196.7 159.3 238.9

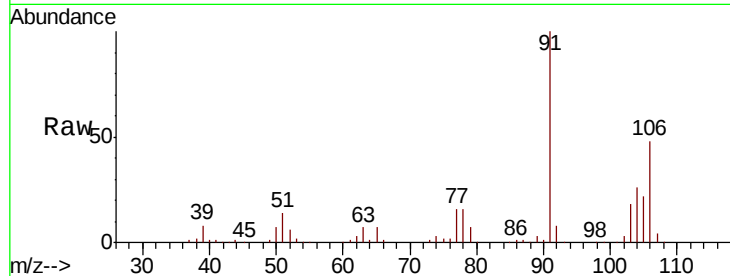




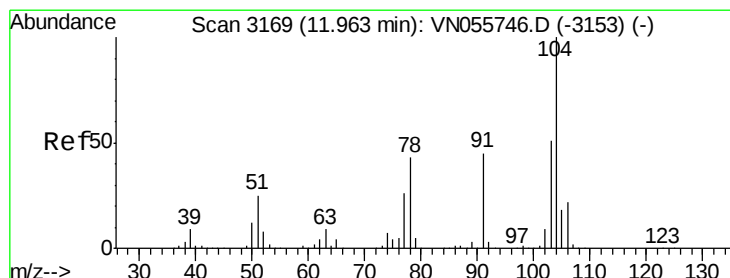
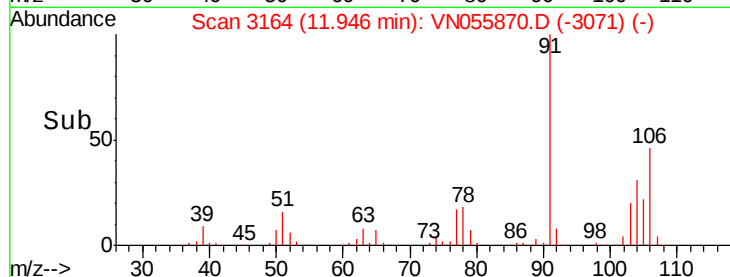
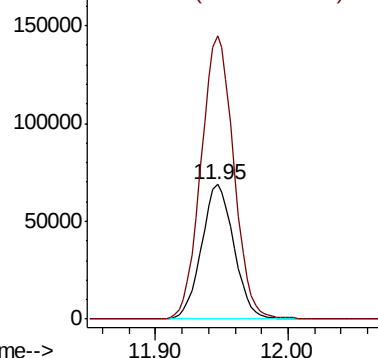
#69
o-Xylene
Concen: 19.532 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

Tot Ion:106 Resp: 116886
Ion Ratio Lower Upper
106 100
91 212.0 104.7 314.1

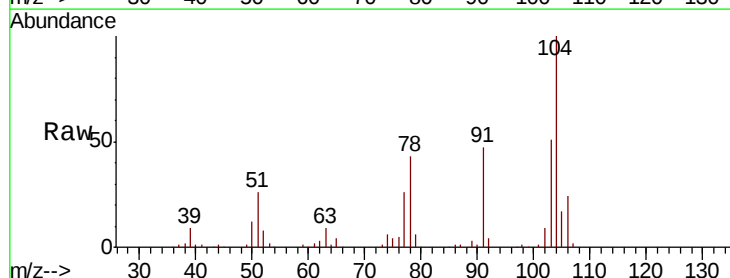


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

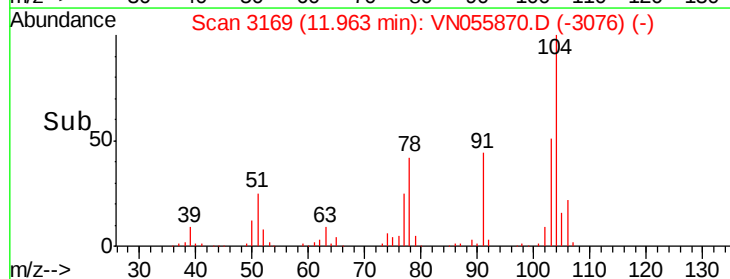
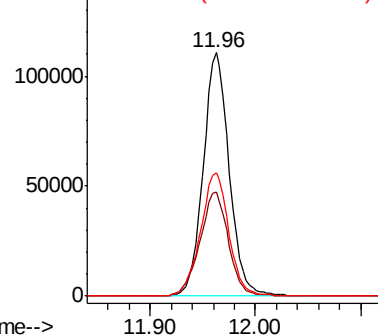


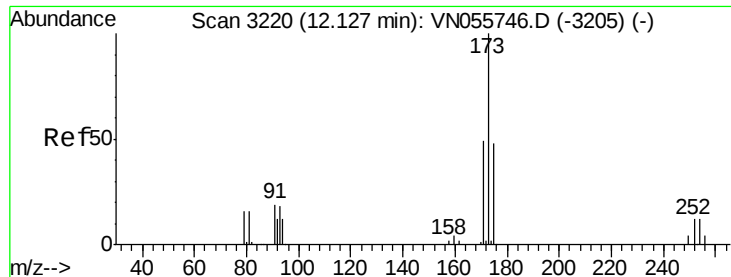
#70
Styrene
Concen: 19.494 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion:104 Resp: 188915
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

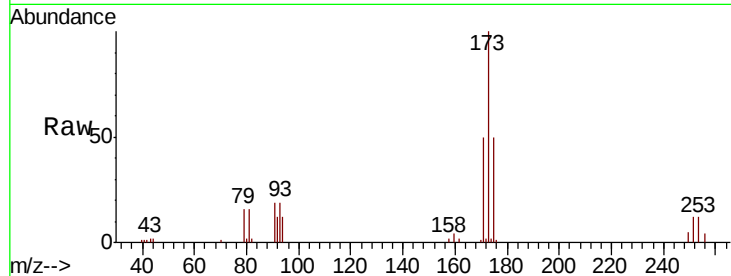




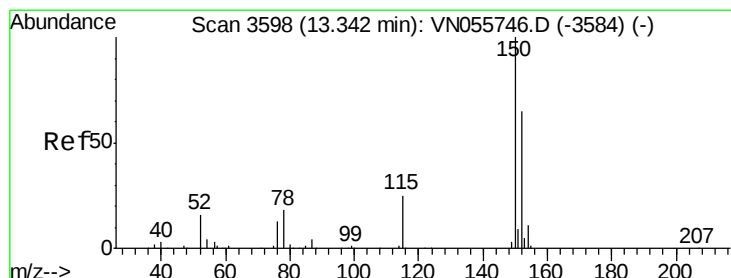
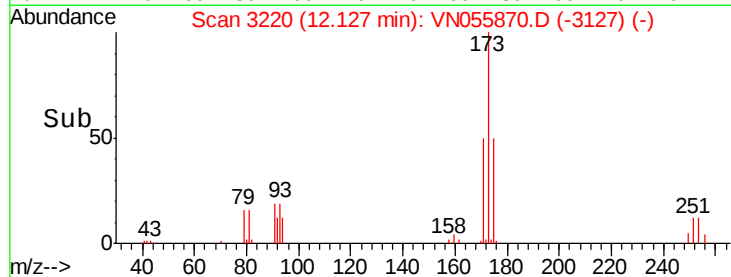
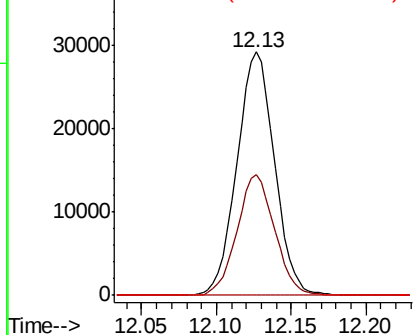
#71
Bromoform
Concen: 16.841 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

Tot Ion:173 Resp: 50974
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.0 0.0 0.0

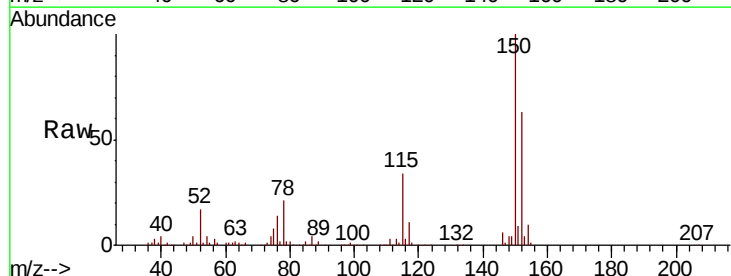


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

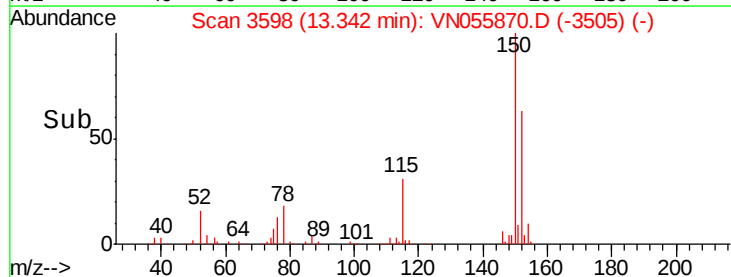
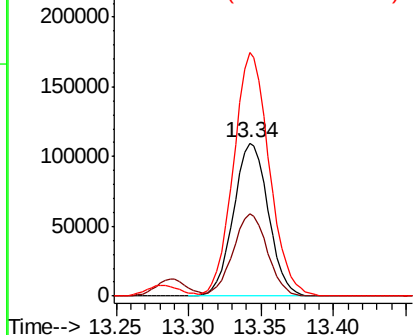


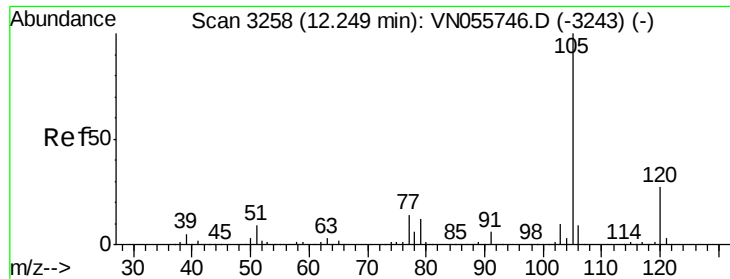
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion:152 Resp: 182797
Ion Ratio Lower Upper
152 100
115 53.3 27.0 81.0
150 163.7 0.0 343.2



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: 22.217 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

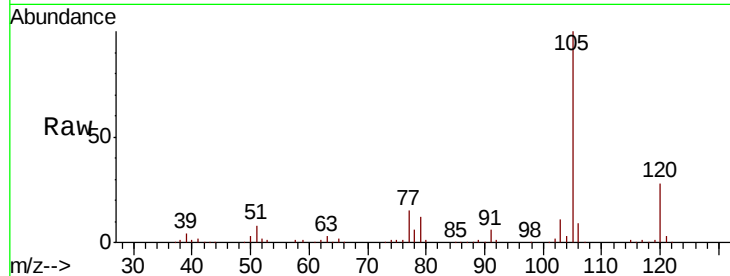
VN0529MBS01

Tot Ion:105 Resp: 308162

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

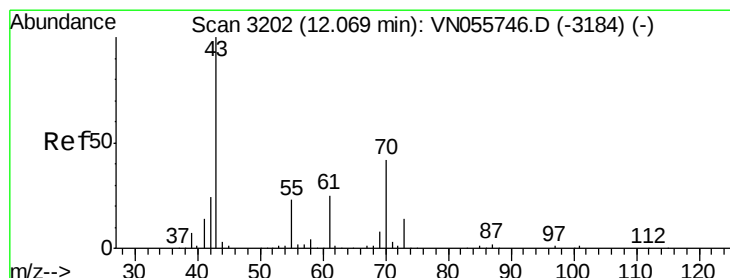
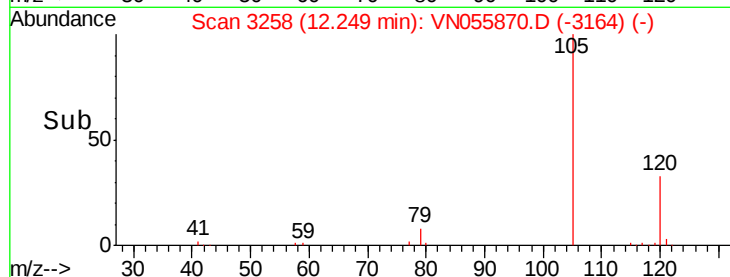
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 20.813 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Tgt Ion: 43 Resp: 109609

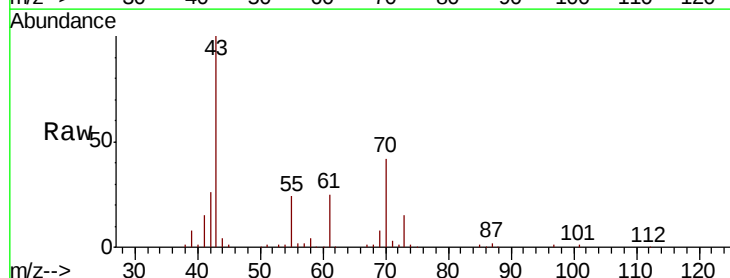
Ion Ratio Lower Upper

43 100

70 42.9 34.0 51.0

55 23.9 18.6 28.0

61 24.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

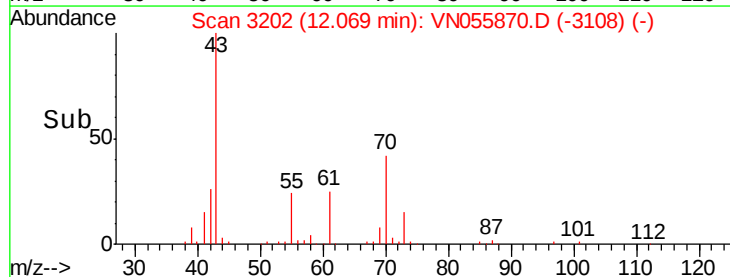
40000

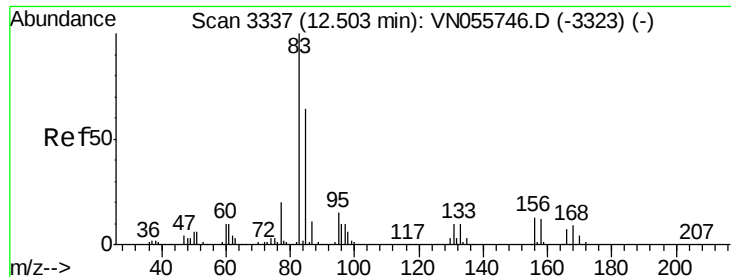
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.926 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

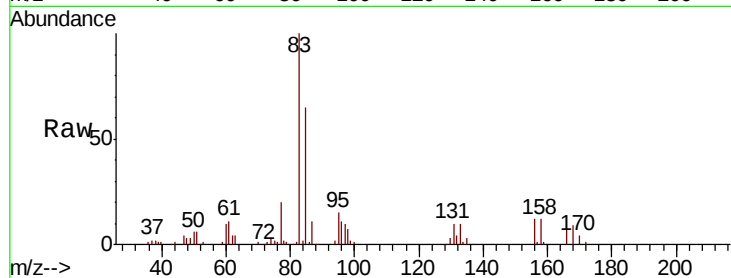
Tot Ion: 83 Resp: 91600

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

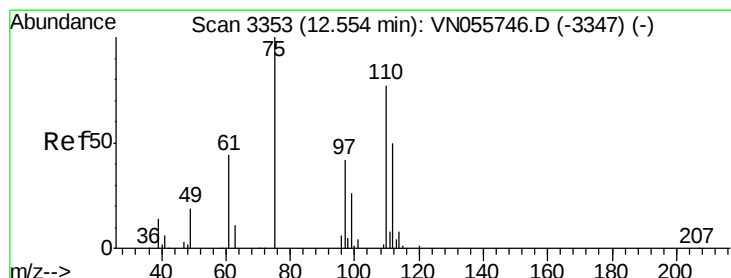
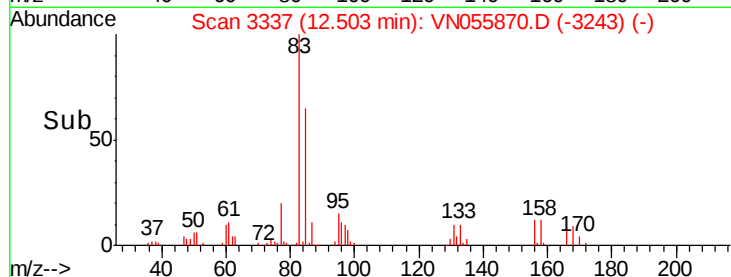
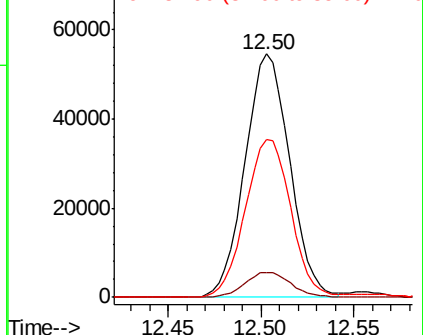
85 65.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 34.121 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055870.D

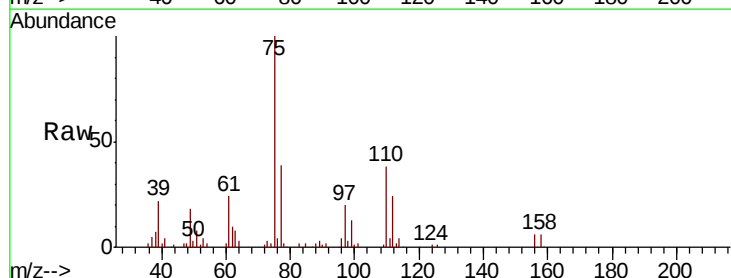
Acq: 29 May 2019 12:03

Tgt Ion: 75 Resp: 110547

Ion Ratio Lower Upper

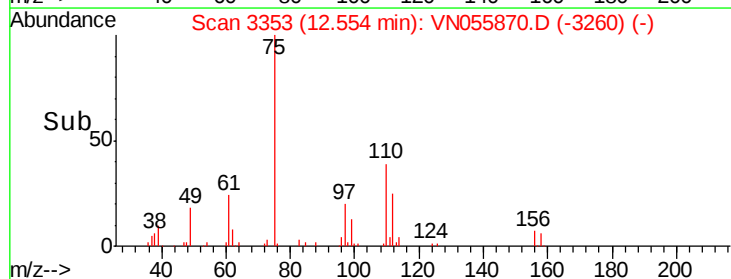
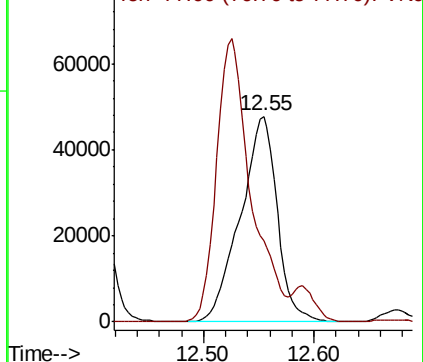
75 100

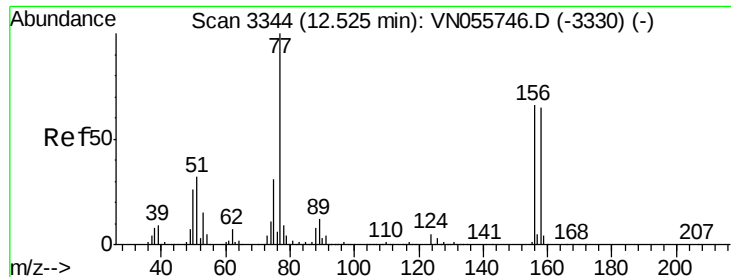
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.476 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

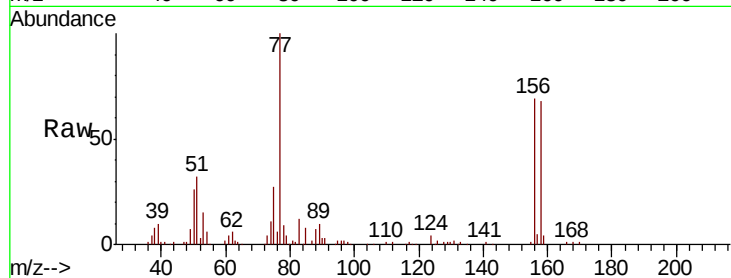
Tot Ion:156 Resp: 79871

Ion Ratio Lower Upper

156 100

77 179.1 90.8 272.5

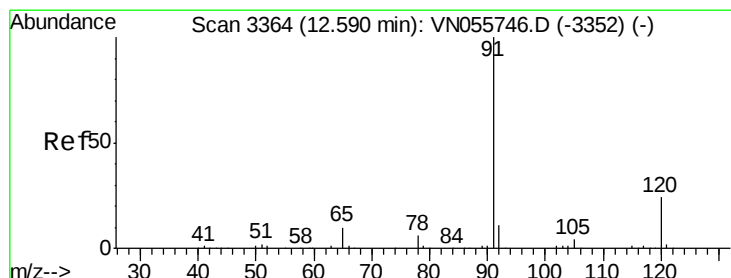
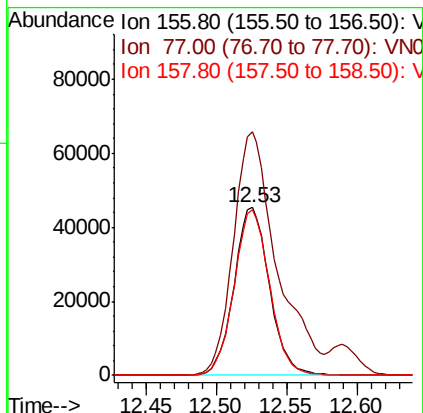
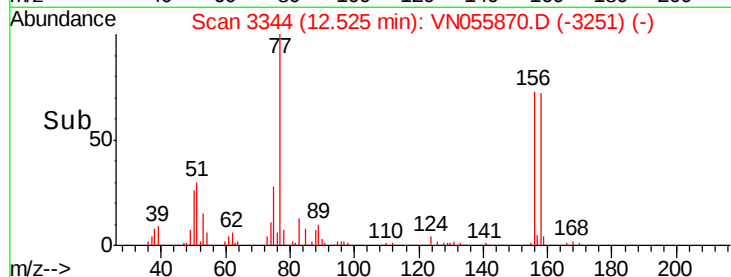
158 98.6 49.3 147.8



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: 20.038 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055870.D

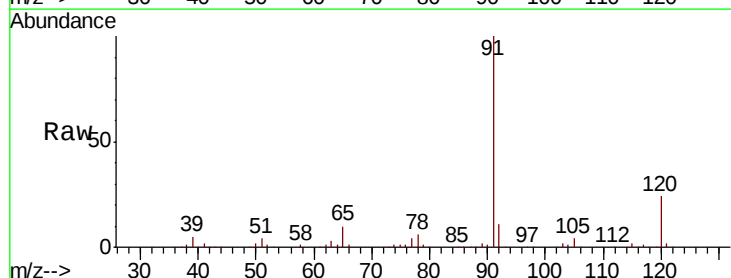
Acq: 29 May 2019 12:03

Tgt Ion: 91 Resp: 318358

Ion Ratio Lower Upper

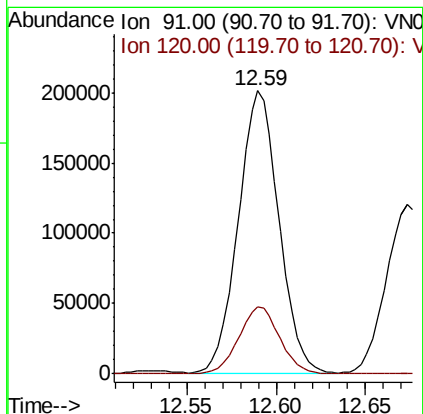
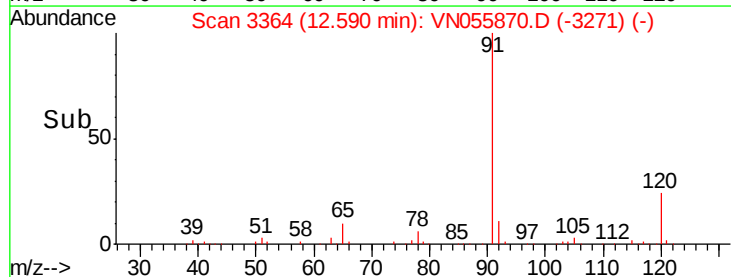
91 100

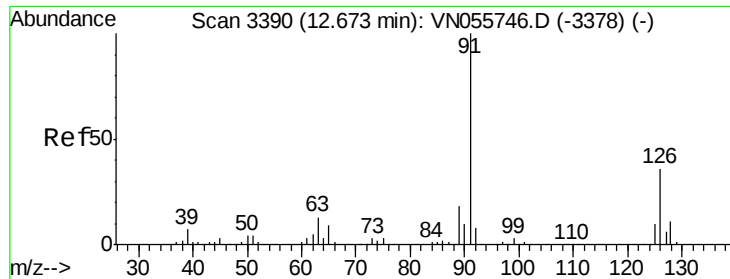
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

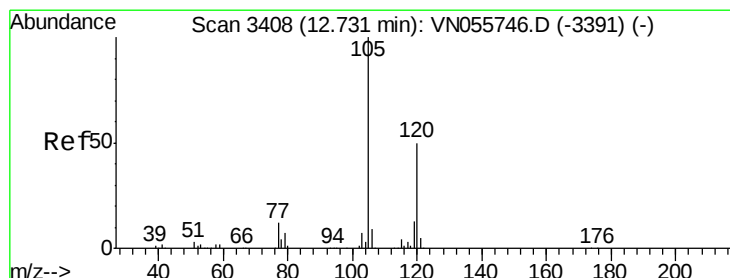
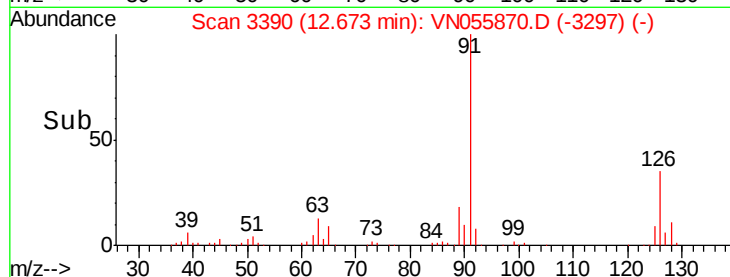
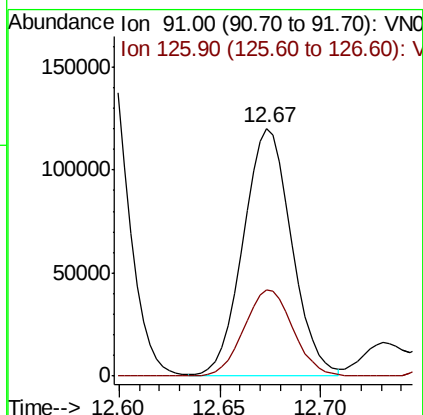
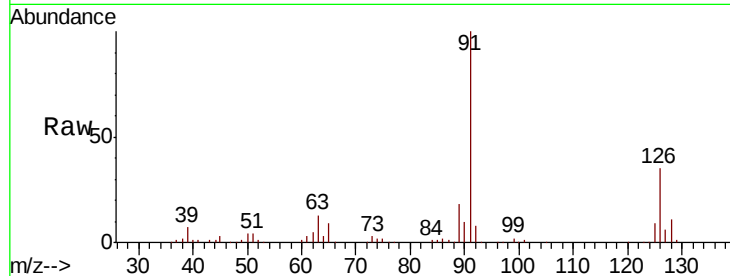




#79
 2-Chlorotoluene
 Concen: 21.937 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

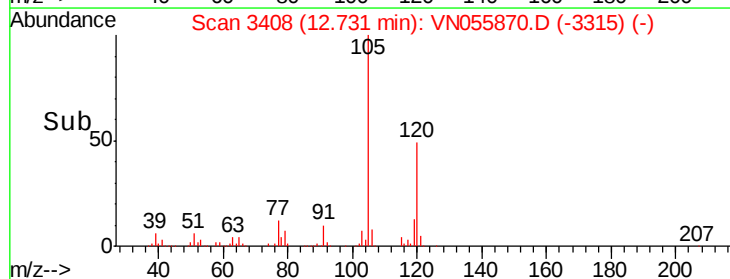
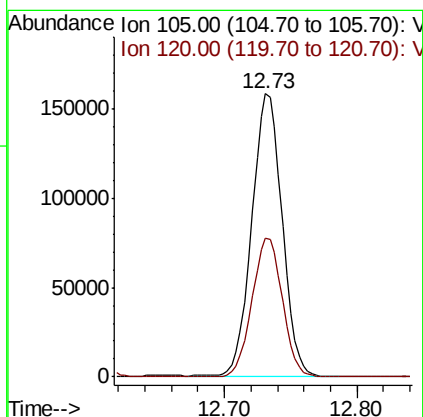
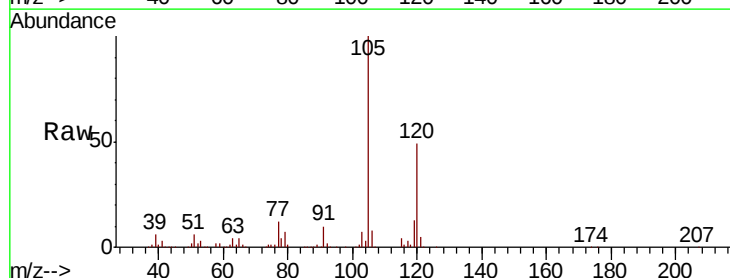
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

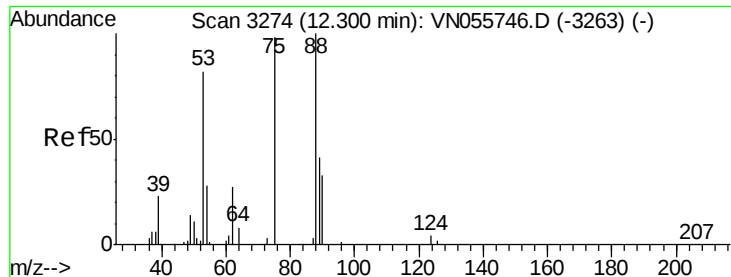
Tot Ion: 91 Resp: 199976
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.710 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion: 105 Resp: 253468
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.617 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

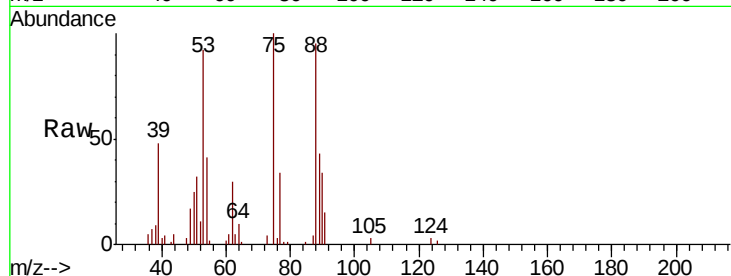
Tot Ion: 75 Resp: 23935

Ion Ratio Lower Upper

75 100

53 96.0 68.1 102.1

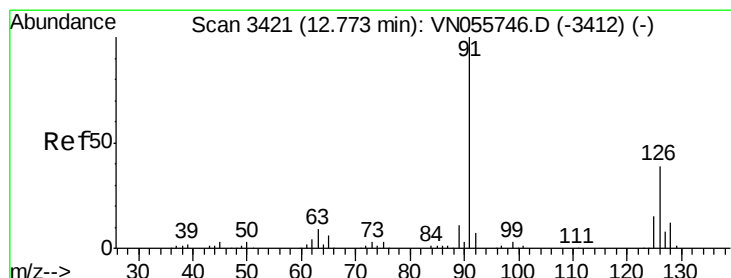
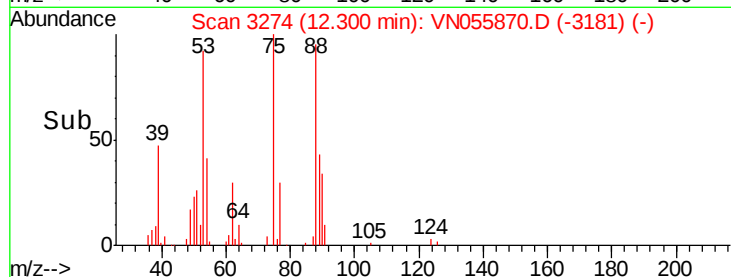
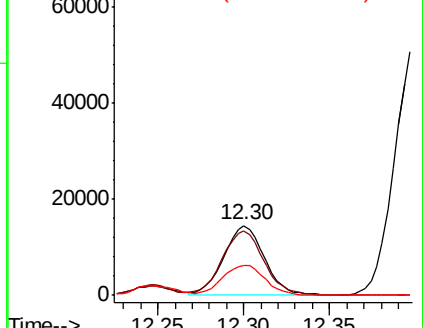
89 45.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.931 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055870.D

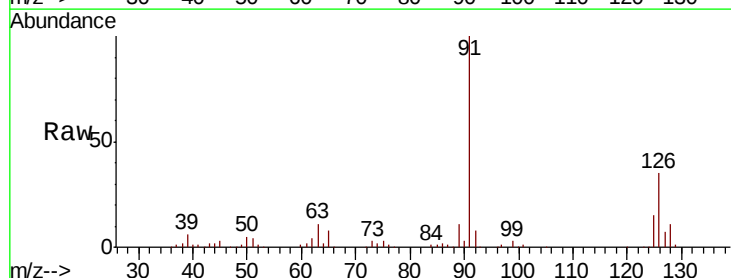
Acq: 29 May 2019 12:03

Tgt Ion: 91 Resp: 186134

Ion Ratio Lower Upper

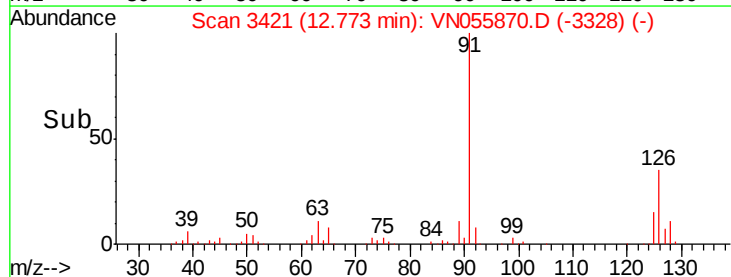
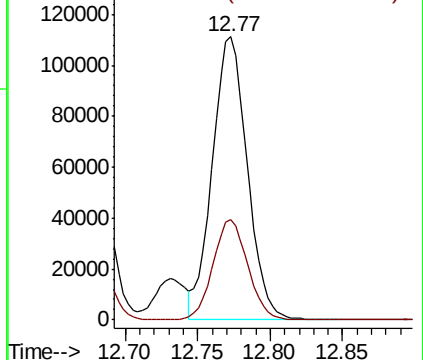
91 100

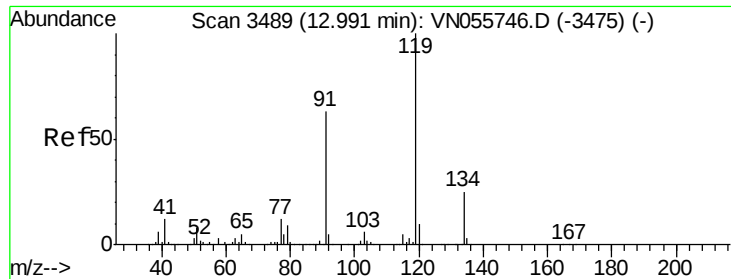
126 35.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

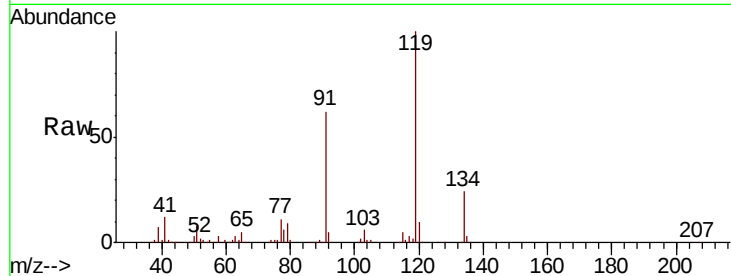




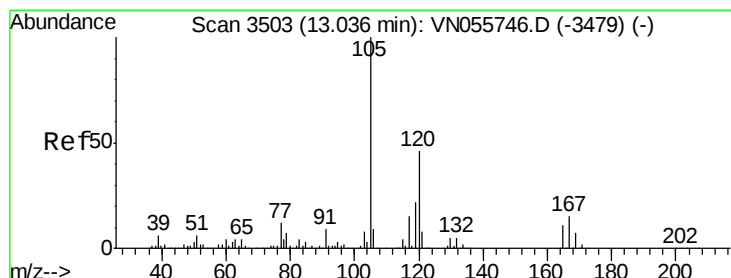
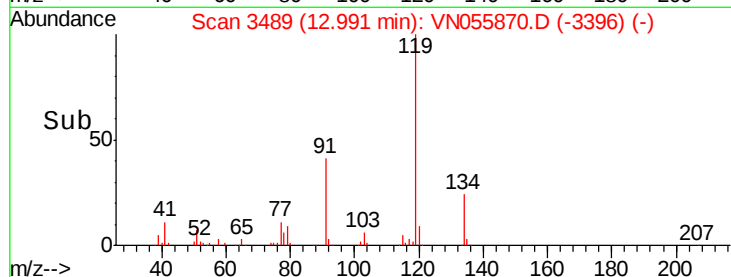
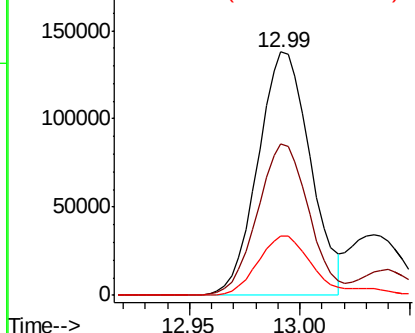
#83
tert-Butylbenzene
Concen: 22.419 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

Tot Ion:119 Resp: 227893
Ion Ratio Lower Upper
119 100
91 61.0 30.9 92.8
134 26.7 13.3 39.8

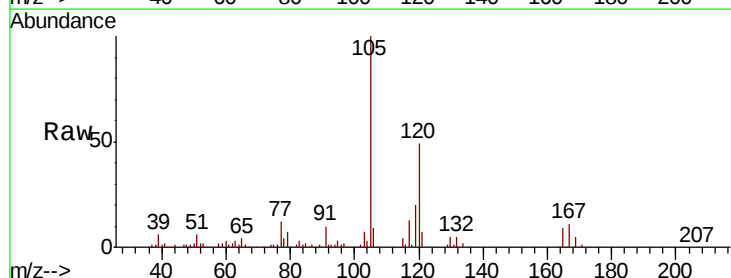


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

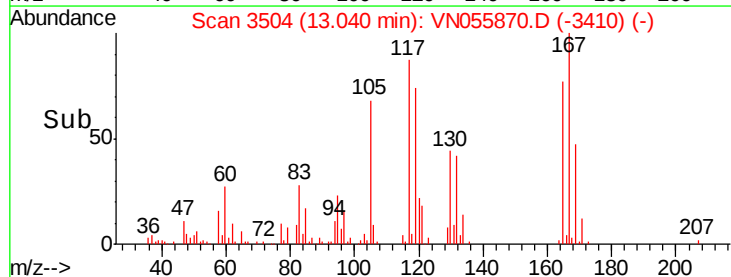
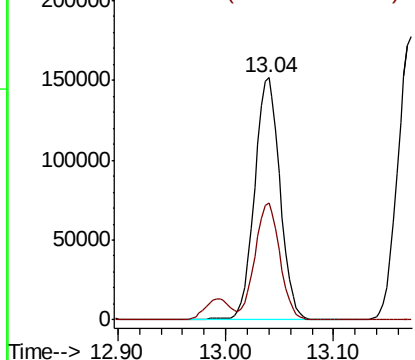


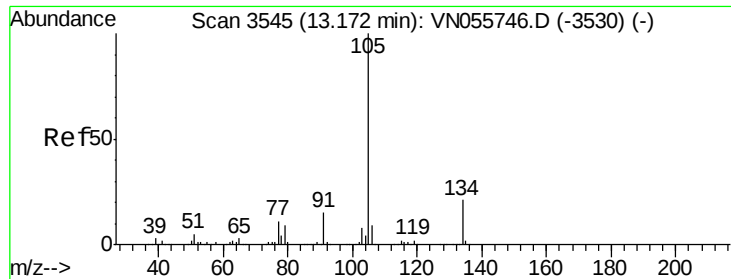
#84
1,2,4-Trimethylbenzene
Concen: 21.295 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion:105 Resp: 247375
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

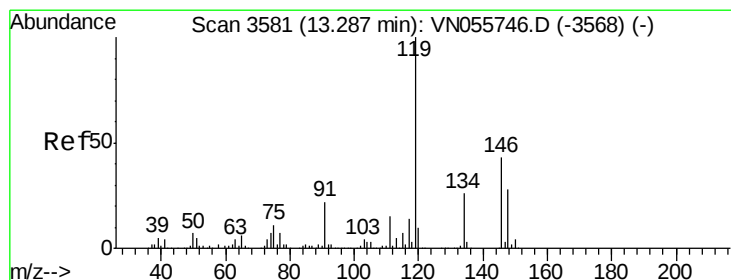
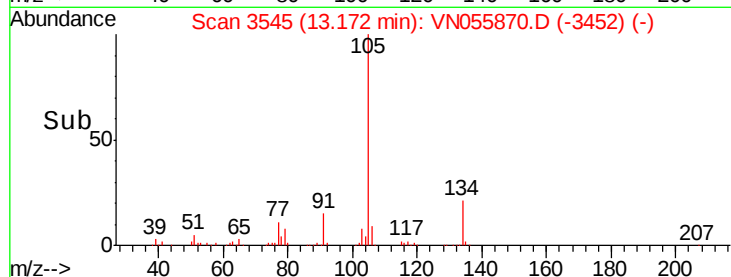
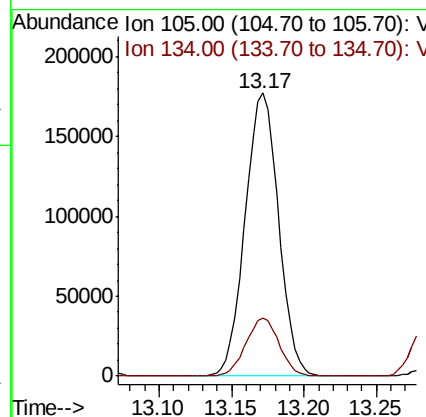
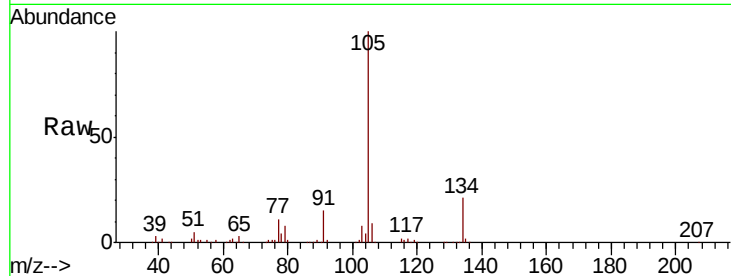




#85
 sec-Butylbenzene
 Concen: 21.842 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

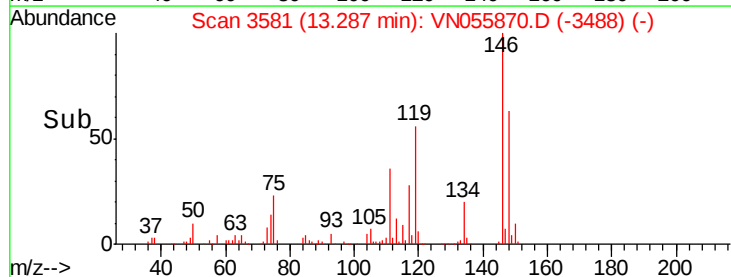
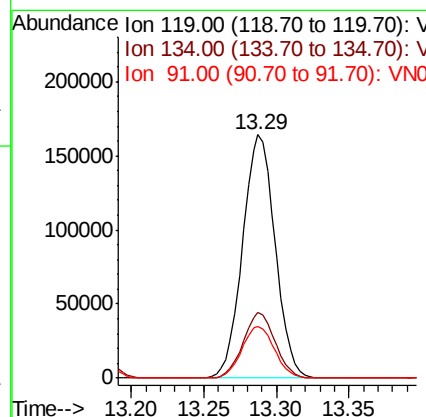
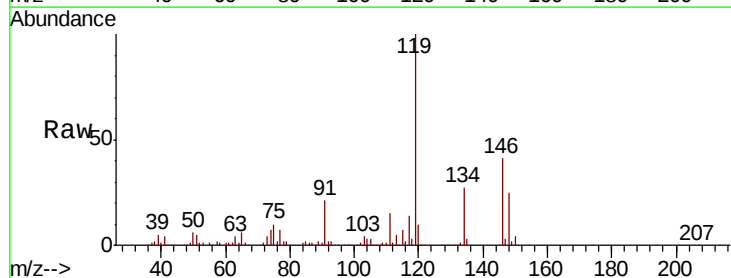
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

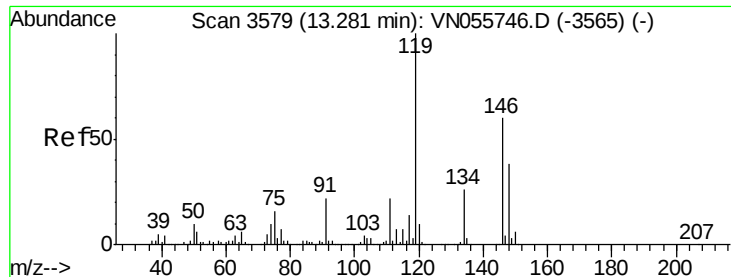
Tot Ion:105 Resp: 285146
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.081 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion:119 Resp: 254922
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 21.2 10.9 32.9

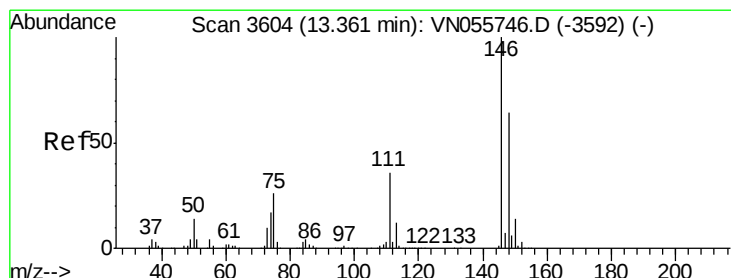
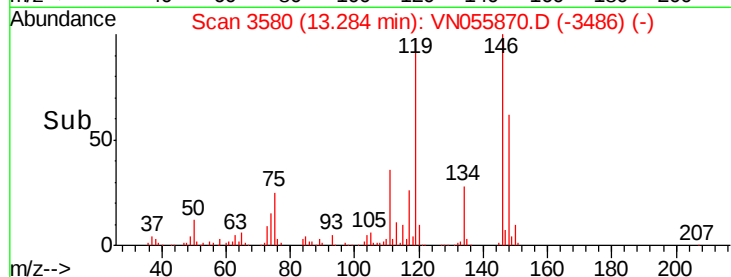
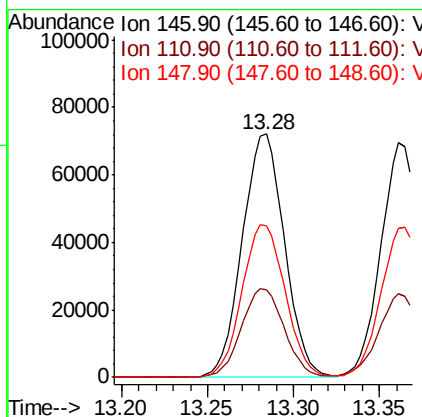
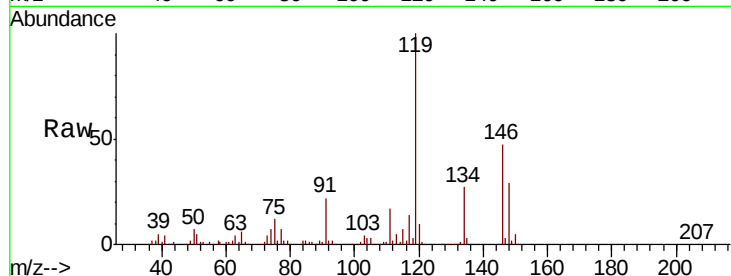




#87
 1,3-Dichlorobenzene
 Concen: 19.981 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

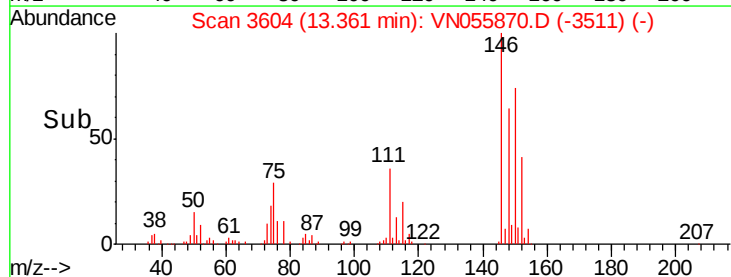
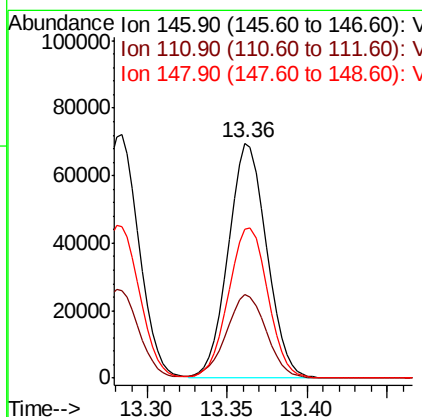
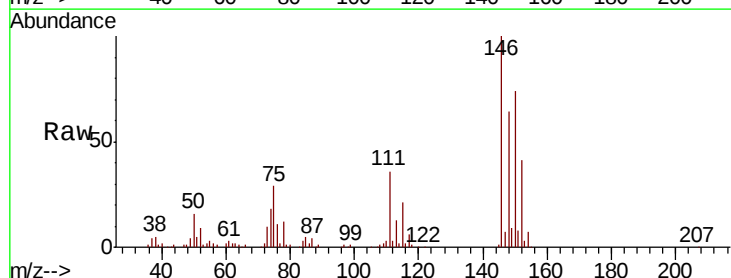
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

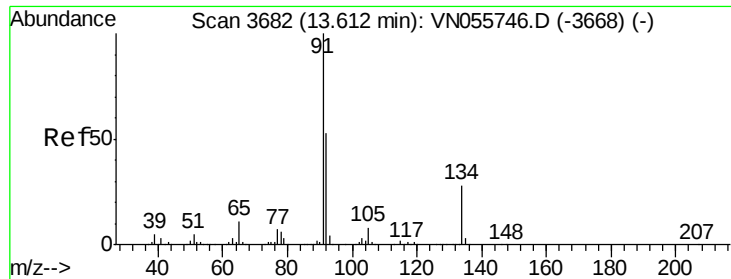
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.450 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.4
148	65.8	32.1	96.5





#89

n-Butylbenzene

Concen: 18.676 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0529MBS01

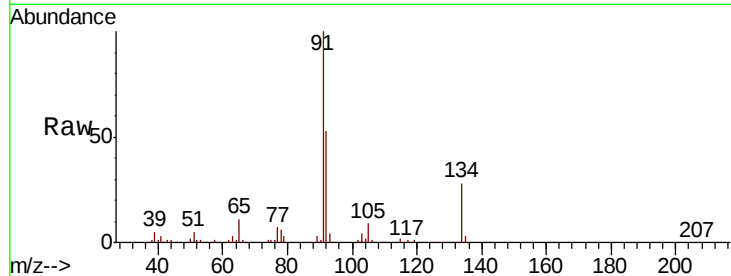
Tot Ion: 91 Resp: 181654

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

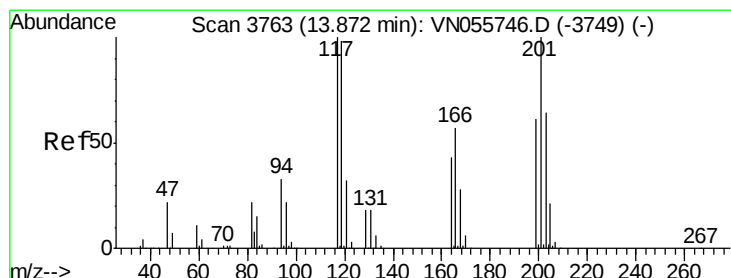
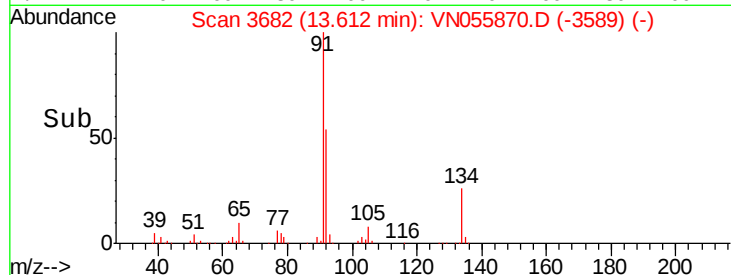
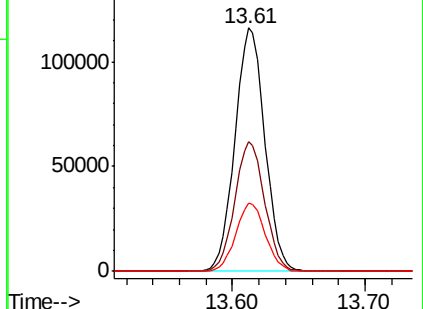
134 27.7 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055870.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN055870.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN055870.D (-3670) (-)



#90

Hexachloroethane

Concen: 17.883 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055870.D

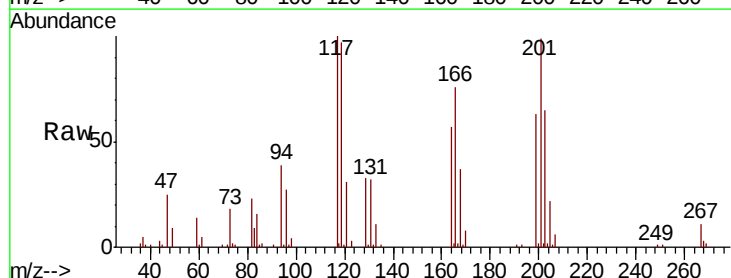
Acq: 29 May 2019 12:03

Tgt Ion: 117 Resp: 43209

Ion Ratio Lower Upper

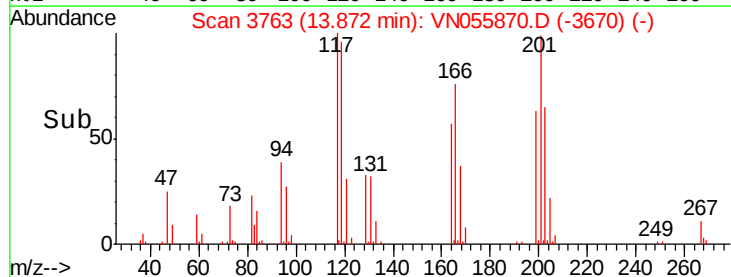
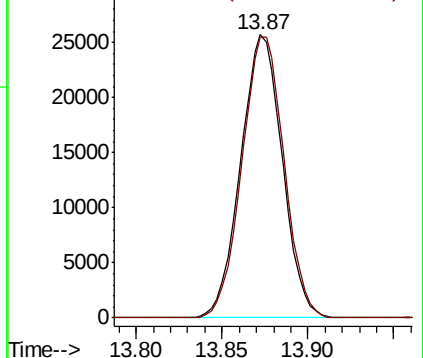
117 100

201 100.2 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055870.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055870.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 20.325 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0529MBS01

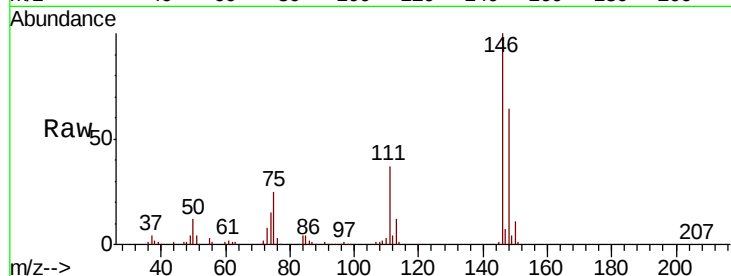
Tot Ion:146 Resp: 125251

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.5

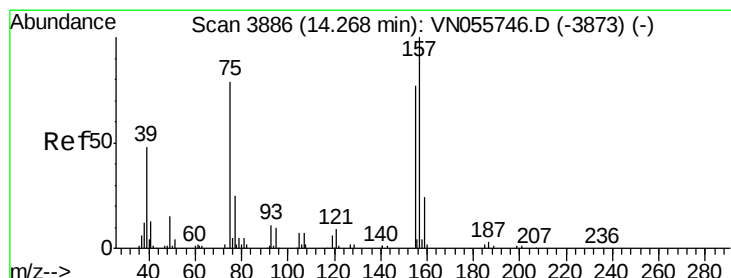
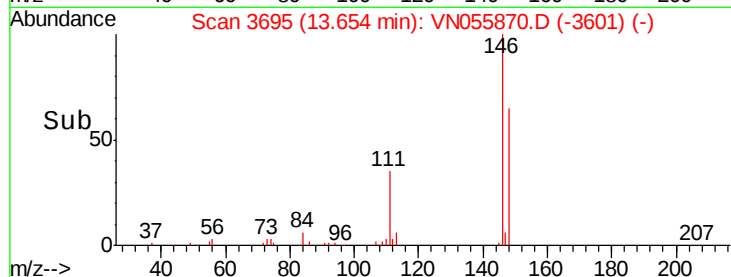
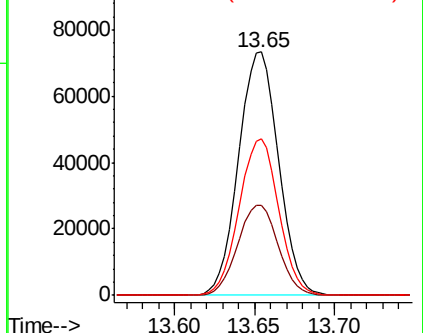
148 63.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.742 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055870.D

Acq: 29 May 2019 12:03

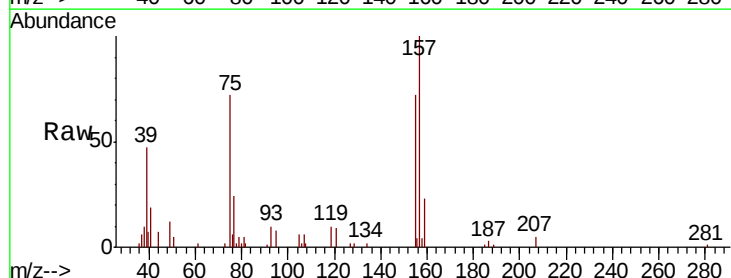
Tgt Ion: 75 Resp: 15180

Ion Ratio Lower Upper

75 100

155 99.8 50.0 150.1

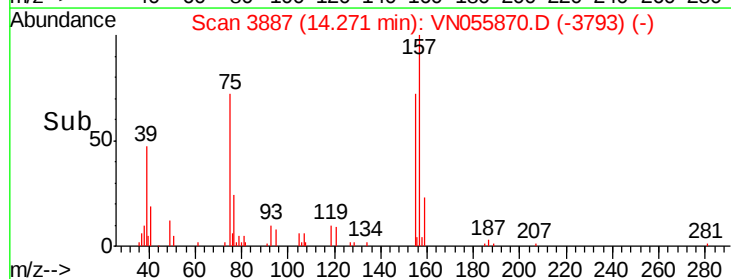
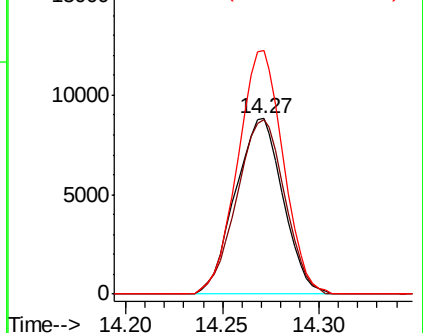
157 132.2 64.8 194.3

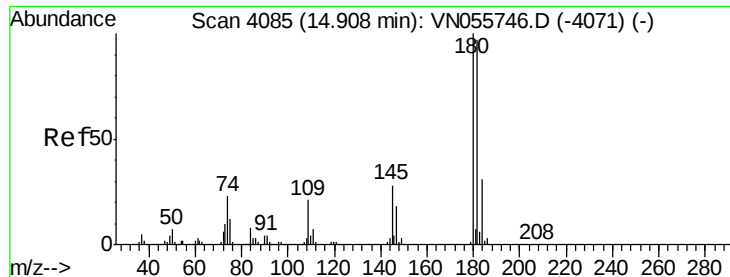


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

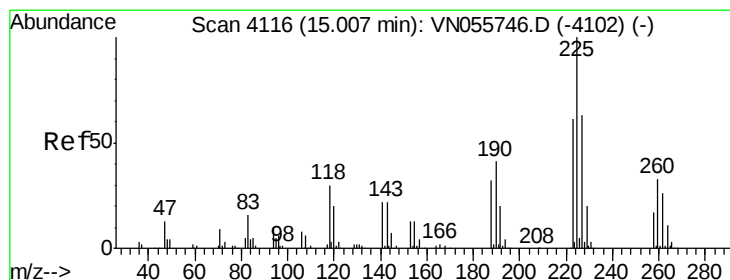
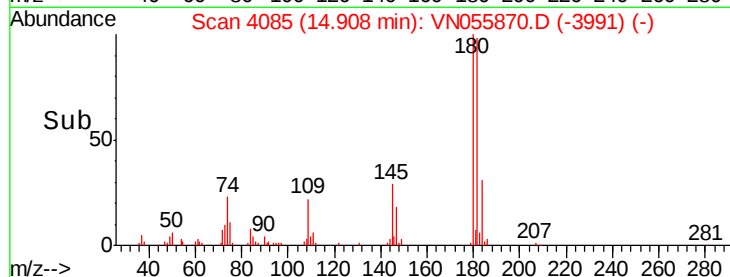
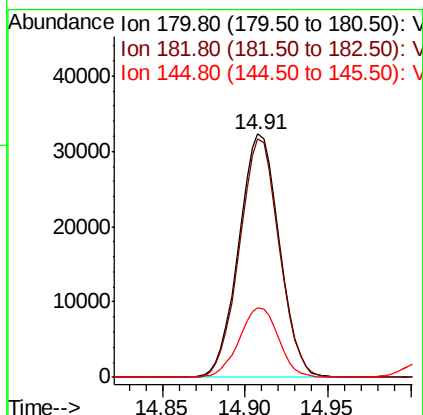
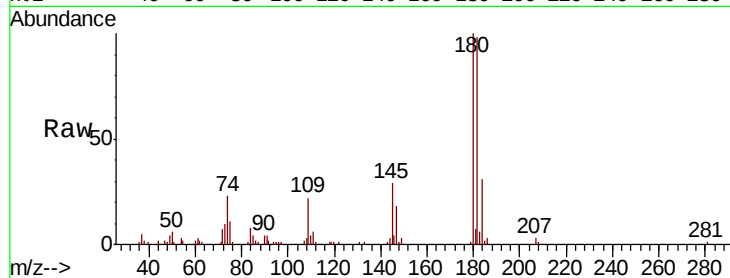




#93
 1,2,4-Trichlorobenzene
 Concen: 17.993 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

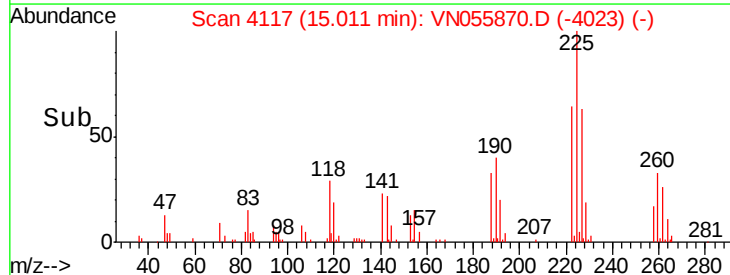
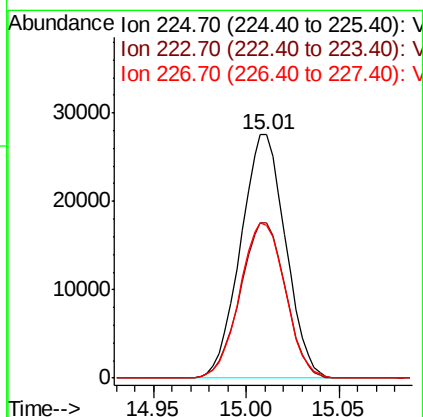
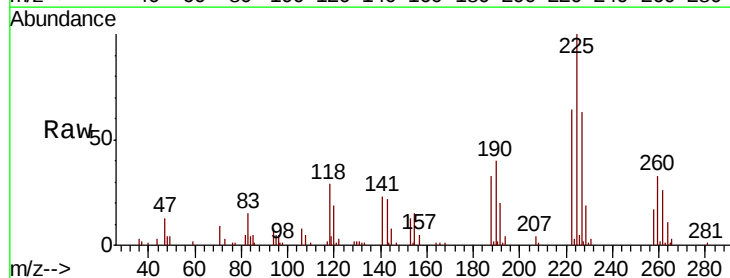
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529MBS01

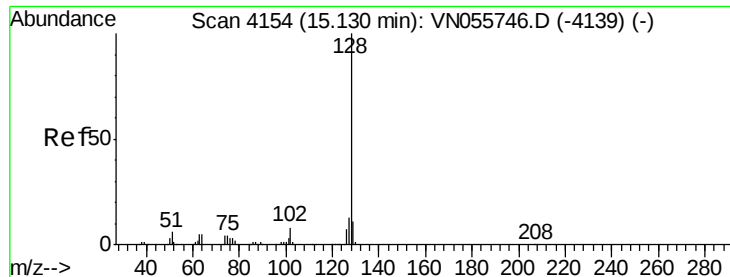
Tot Ion:180 Resp: 54893
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.3 144.9
 145 27.8 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 20.285 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055870.D
 Acq: 29 May 2019 12:03

Tgt Ion:225 Resp: 46346
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.9 92.7
 227 64.2 31.6 94.7

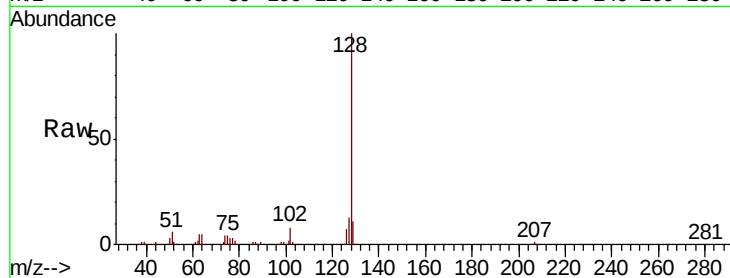




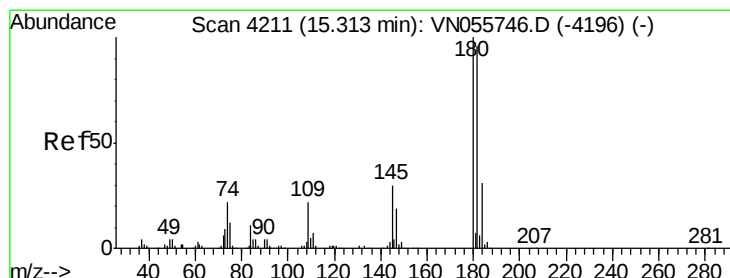
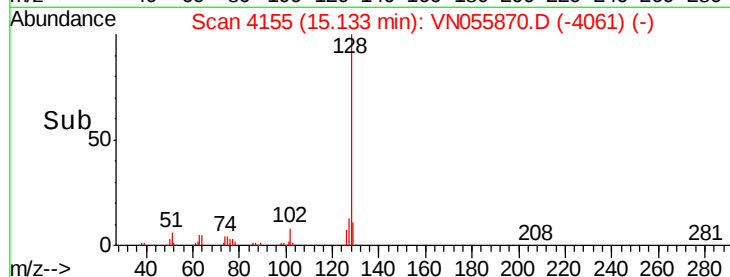
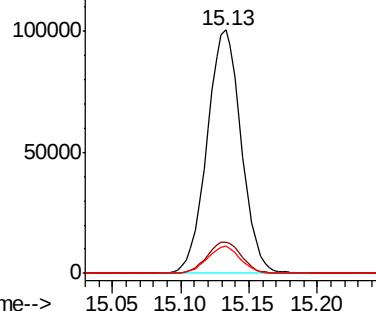
#95
Naphthalene
Concen: 20.668 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0529MBS01

Tot Ion:128 Resp: 174771
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

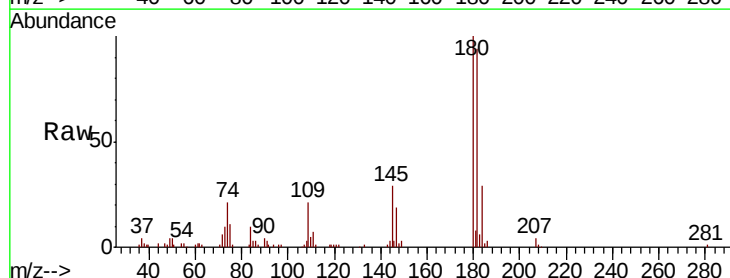


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.770 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055870.D
Acq: 29 May 2019 12:03

Tgt Ion:180 Resp: 61142
Ion Ratio Lower Upper
180 100
182 97.0 47.9 143.7
145 29.0 14.9 44.7



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

