

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052319\
 Data File : VN055776.D
 Acq On : 24 May 2019 00:43
 Operator : JC/SP
 Sample : K2996-05
 Misc : 5.27g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-3(4.5-5.0)

Quant Time: May 24 06:55:11 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	422096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	571505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	191300	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
35) Dibromofluoromethane	7.59	113	171996	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.09	98	770292	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
62) 4-Bromofluorobenzene	12.40	95	326002	68.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.20%	

Target Compounds

						Qvalue
5) Bromomethane	2.52	94	637	0.240	ug/l	85
6) Chloroethane	2.70	64	735	0.288	ug/l #	24
11) Tert butyl alcohol	4.73	59	10149	12.186	ug/l #	74
13) Acrolein	3.51	56	111030	186.176	ug/l #	1
14) Allyl chloride	4.37	41	302141	49.097	ug/l #	78
15) Acrylonitrile	5.02	53	217445	113.697	ug/l #	39
16) Acetone	3.74	43	394215	205.732	ug/l #	51
18) Methyl Acetate	4.55	43	12395423	3263.232	ug/l #	51
20) Methylene Chloride	4.66	84	499165	120.288	ug/l #	11
23) Vinyl Acetate	5.84	43	189261	18.442	ug/l #	74
24) 1,1-Dichloroethane	5.84	63	17249	2.475	ug/l #	83
25) 2-Butanone	6.80	43	74283	27.758	ug/l #	47
26) 2,2-Dichloropropane	6.62	77	25219	4.181	ug/l #	51
28) Bromochloromethane	7.31	49	1075	0.324	ug/l #	7
29) Tetrahydrofuran	7.20	42	14559	8.591	ug/l #	32
30) Chloroform	7.32	83	754311	108.535	ug/l #	18
31) Cyclohexane	7.63	56	2891999	442.012	ug/l #	52
32) 1,1,1-Trichloroethane	7.48	97	2324	0.375	ug/l #	1
36) 1,1-Dichloropropene	7.74	75	1726	0.347	ug/l #	40
37) Ethyl Acetate	6.80	43	74283	15.432	ug/l #	67
38) Carbon Tetrachloride	7.66	117	33748	6.505	ug/l #	14
39) Methylcyclohexane	9.08	83	2596099	420.940	ug/l	92
40) Benzene	8.04	78	2963056	197.405	ug/l	99
41) Methacrylonitrile	7.20	41	169914	69.870	ug/l #	42
42) 1,2-Dichloroethane	8.15	62	7161	1.460	ug/l #	1
43) Isopropyl Acetate	8.14	43	960143	118.717	ug/l #	54
45) 1,2-Dichloropropane	9.14	63	7227	1.848	ug/l #	1
46) Dibromomethane	9.22	93	1096	0.427	ug/l #	1
47) Bromodichloromethane	9.38	83	619395	117.778	ug/l #	25
48) Methyl methacrylate	9.22	41	154760	41.519	ug/l #	26
51) 4-Methyl-2-Pentanone	10.02	43	310695	65.045	ug/l #	76
52) Toluene	10.16	92	8829618	935.315	ug/l	96
53) t-1,3-Dichloropropene	10.52	75	4499	0.801	ug/l #	1
54) cis-1,3-Dichloropropene	9.96	75	2406	0.387	ug/l #	1

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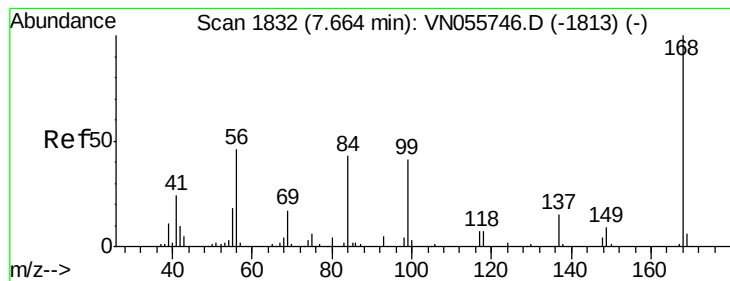
Instrument :
 MSVOA_N
 ClientSampleId :
 P-3(4.5-5.0)

Quant Time: May 24 06:55:11 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.53	97	786678	208.013	ug/l #	19
56) Ethyl methacrylate	10.47	69	172872	29.577	ug/l #	30
58) 2-Chloroethyl Vinyl ether	9.67	63	20896	9.355	ug/l #	46
59) 2-Hexanone	10.72	43	652179	192.466	ug/l #	29
60) Dibromochloromethane	10.63	129	1217	0.276	ug/l	63
61) 1,2-Dibromoethane	10.98	107	5795	1.477	ug/l #	1
65) Chlorobenzene	11.54	112	12597	1.242	ug/l #	42
68) m/p-Xylenes	11.51	106	7580275	1102.823	ug/l #	1
69) o-Xylene	11.95	106	11384259	1669.380	ug/l #	1
70) Styrene	11.95	104	548350	49.654	ug/l #	1
71) Bromoform	12.40	173	746	0.216	ug/l #	1
73) Isopropylbenzene	12.25	105	5849896	296.823	ug/l	99
74) N-amyl acetate	12.04	43	289146	36.201	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.50	83	18337	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.59	75	47572	6.809	ug/l #	100
77) Bromobenzene	12.54	156	18439	2.980	ug/l #	1
78) n-propylbenzene	12.59	91	9169520	363.898	ug/l	99
79) 2-Chlorotoluene	12.66	91	3537383	271.939	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	13313346	805.625	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.25	75	56496	26.219	ug/l #	58
82) 4-Chlorotoluene	12.73	91	1304109	88.044	ug/l #	40
83) tert-Butylbenzene	13.04	119	5347379	376.105	ug/l #	69
84) 1,2,4-Trimethylbenzene	12.89	105	10106160	609.326	ug/l	79
85) sec-Butylbenzene	13.17	105	897323	45.778	ug/l #	56
86) p-Isopropyltoluene	13.23	119	1350261	67.064	ug/l	96
89) n-Butylbenzene	13.61	91	1172690	76.017	ug/l #	61
90) Hexachloroethane	13.89	117	621456	162.164	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.29	75	6693	5.210	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	4646	4.403	ug/l #	82
94) Hexachlorobutadiene	15.01	225	1028	Below Cal		94
95) Naphthalene	15.13	128	5714814	426.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	4765	0.922	ug/l #	80

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

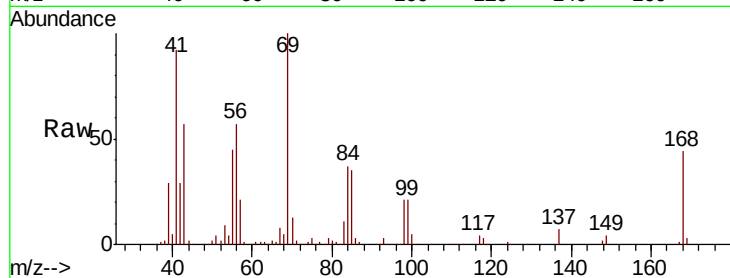
P-3(4.5-5.0)

Tot Ion:168 Resp: 422096

Ion Ratio Lower Upper

168 100

99 46.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

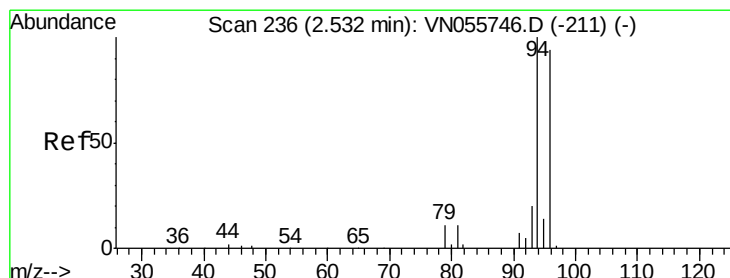
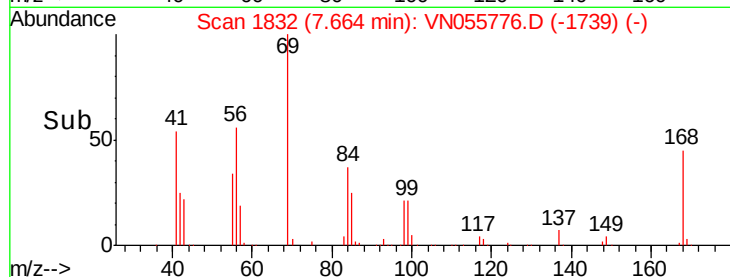
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.240 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN055776.D

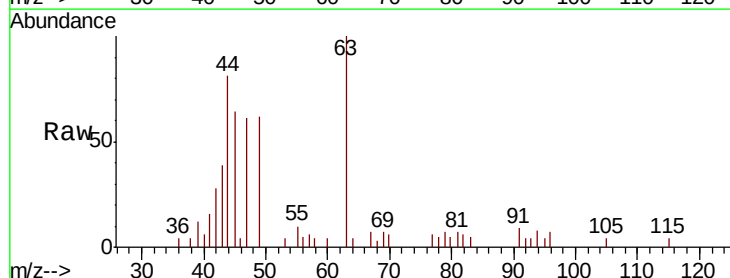
Acq: 24 May 2019 00:43

Tgt Ion: 94 Resp: 637

Ion Ratio Lower Upper

94 100

96 79.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.52

400

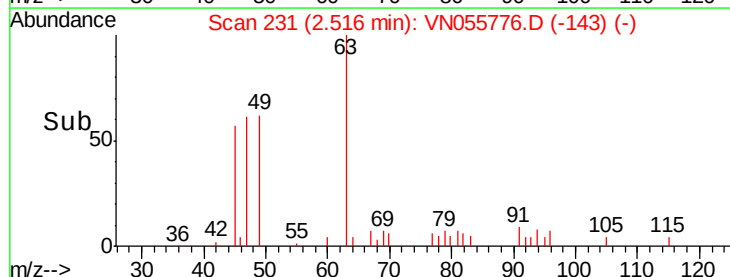
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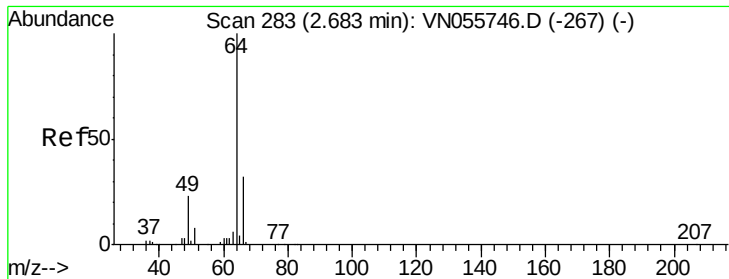
200

100

0

Time-->





#6

Chloroethane

Concen: 0.288 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.02 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

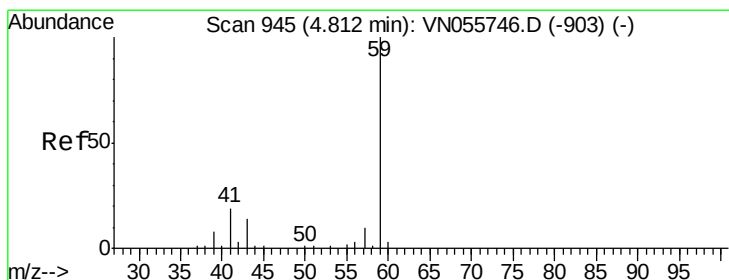
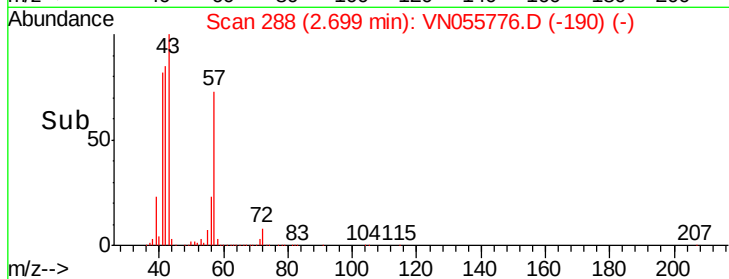
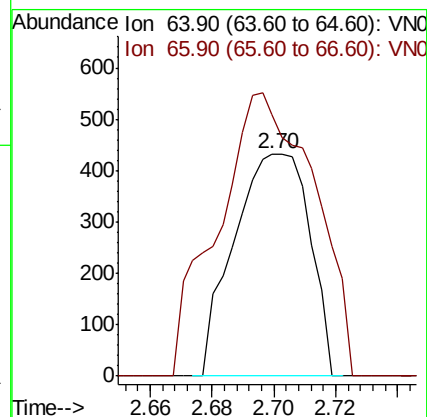
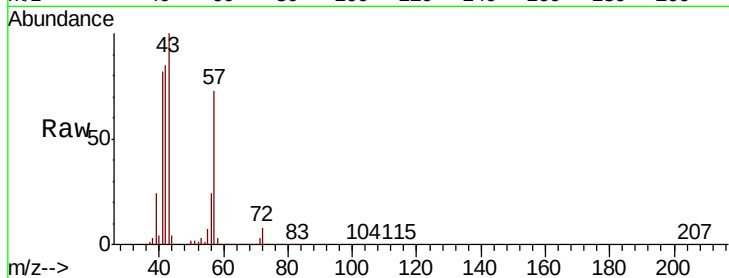
P-3(4.5-5.0)

Tot Ion: 64 Resp: 735

Ion Ratio Lower Upper

64 100

66 73.8 25.4 38.0#



#11

Tert butyl alcohol

Concen: 12.186 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.08 min

Lab File: VN055776.D

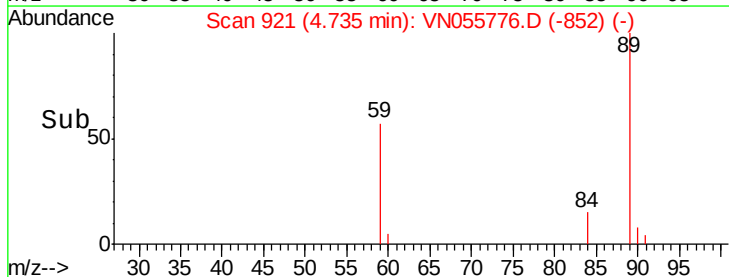
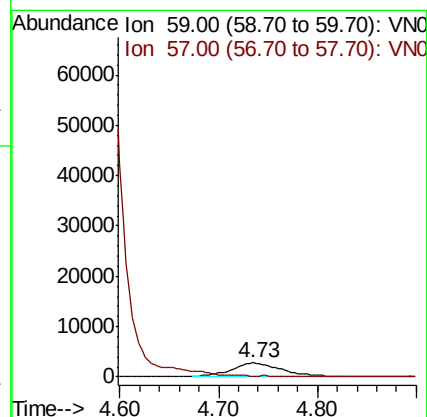
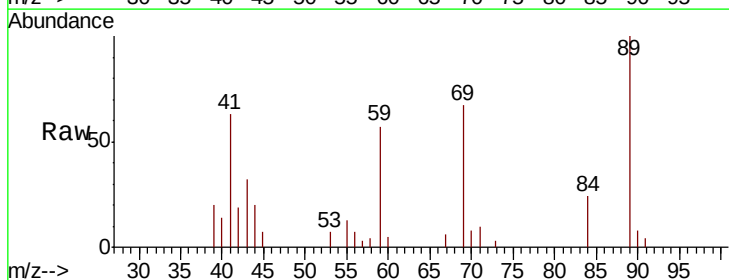
Acq: 24 May 2019 00:43

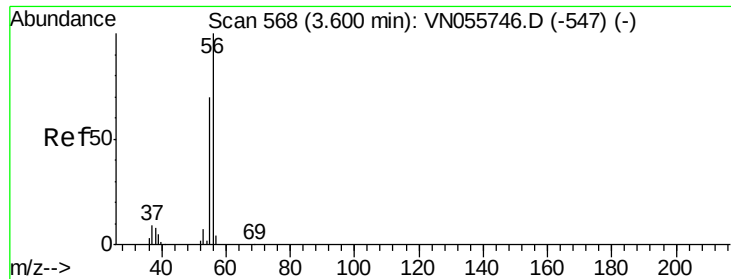
Tgt Ion: 59 Resp: 10149

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#





#13

Acrolein

Concen: 186.176 ug/l

RT: 3.51 min Scan# 539

Delta R.T. -0.09 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

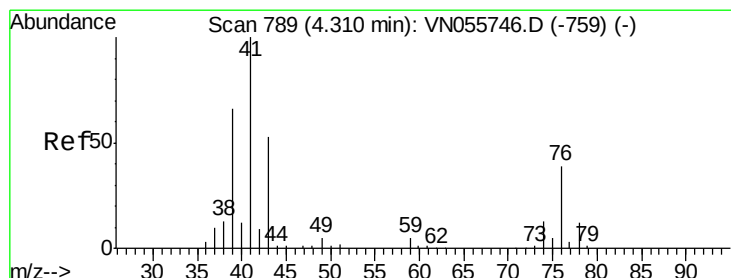
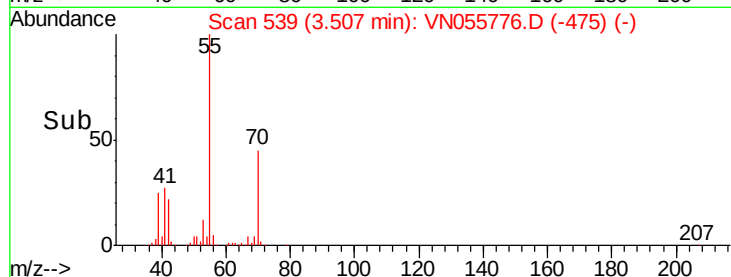
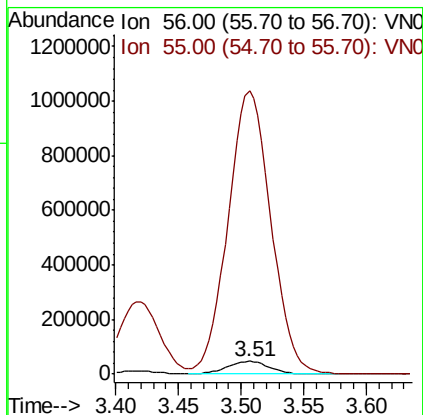
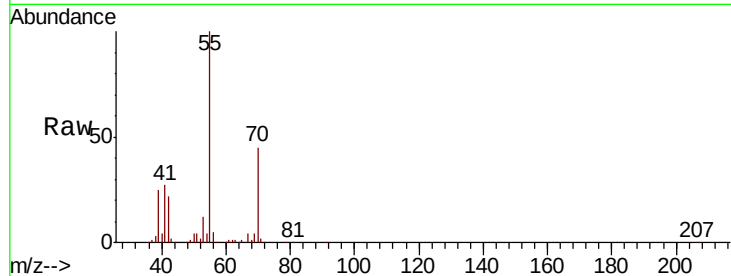
P-3(4.5-5.0)

Tot Ion: 56 Resp: 111030

Ion Ratio Lower Upper

56 100

55 2222.0 55.4 83.2#



#14

Allyl chloride

Concen: 49.097 ug/l

RT: 4.37 min Scan# 808

Delta R.T. 0.06 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

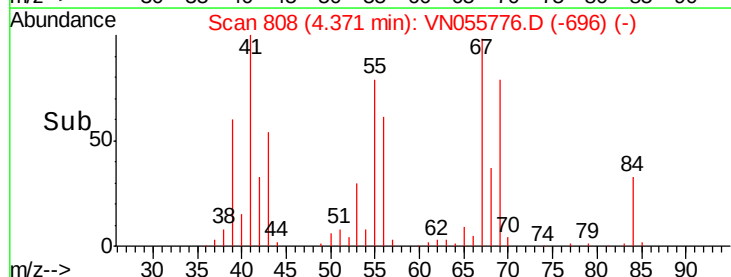
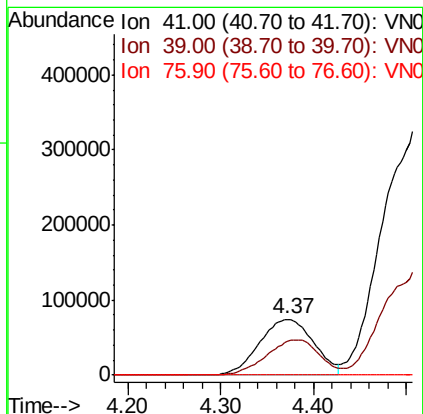
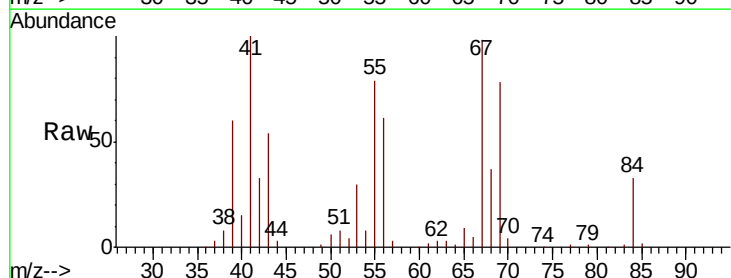
Tgt Ion: 41 Resp: 302141

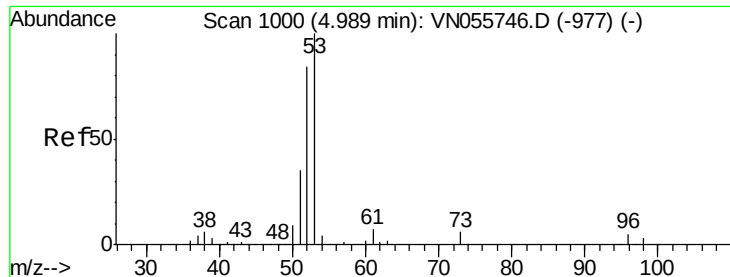
Ion Ratio Lower Upper

41 100

39 62.1 50.0 75.0

76 0.0 28.2 42.2#





#15

Acrylonitrile

Concen: 113.697 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.03 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

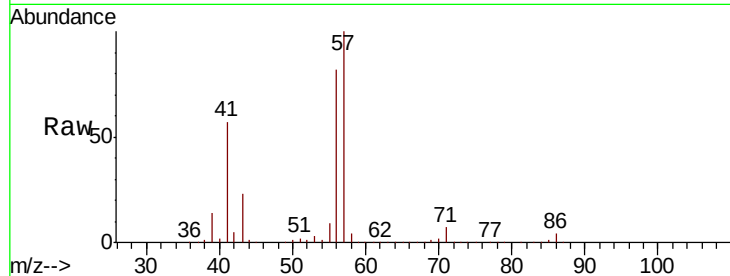
Tot Ion: 53 Resp: 217445

Ion Ratio Lower Upper

53 100

52 18.6 65.8 98.8#

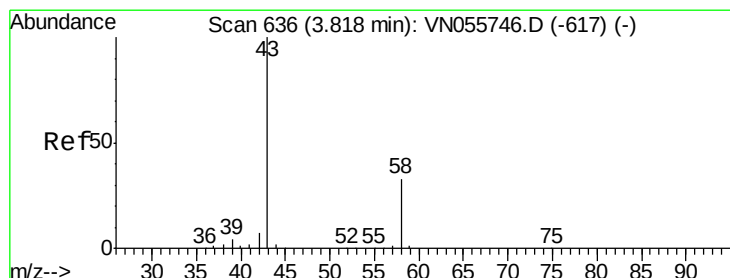
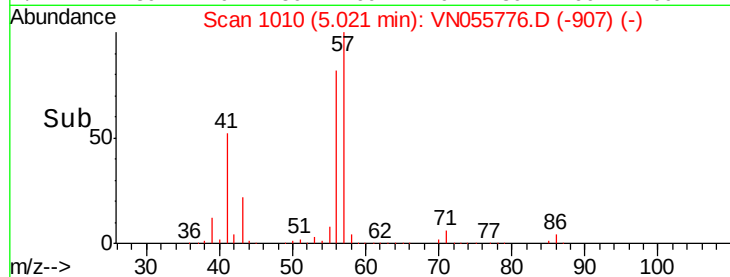
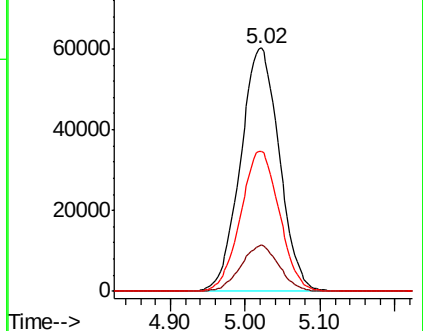
51 57.4 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 205.732 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.07 min

Lab File: VN055776.D

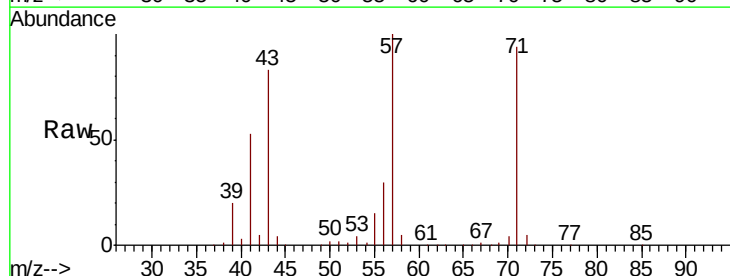
Acq: 24 May 2019 00:43

Tgt Ion: 43 Resp: 394215

Ion Ratio Lower Upper

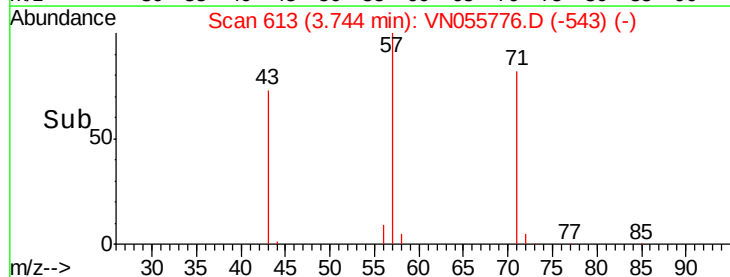
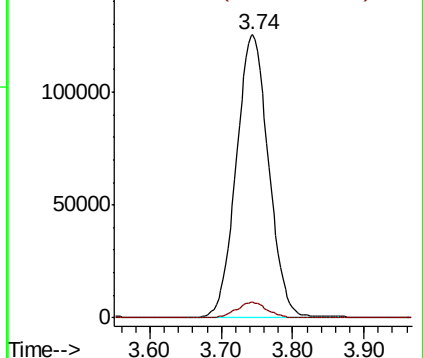
43 100

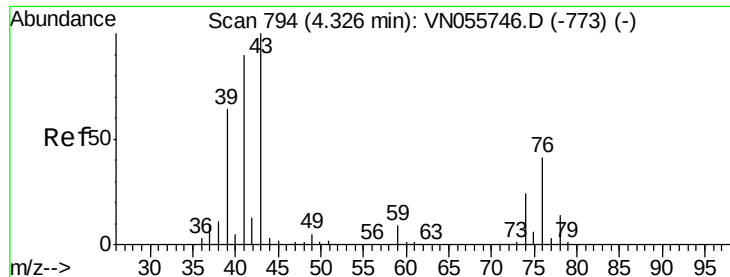
58 5.5 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

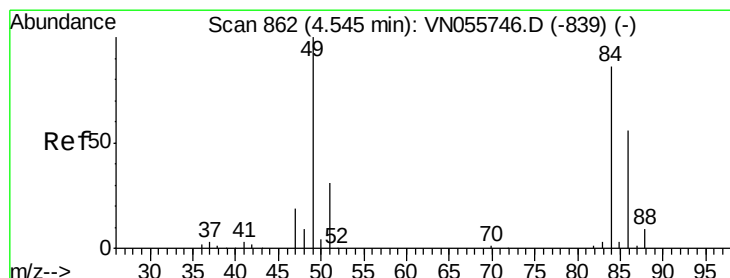
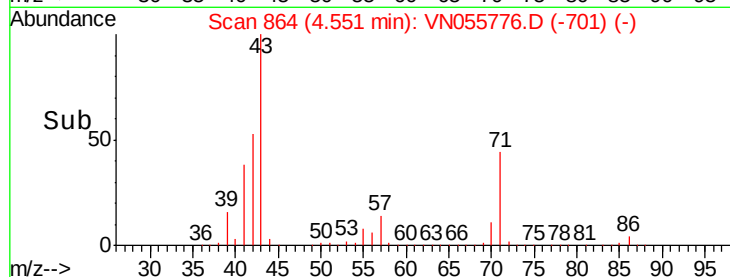
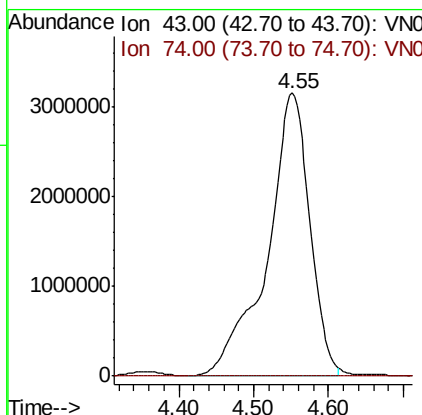
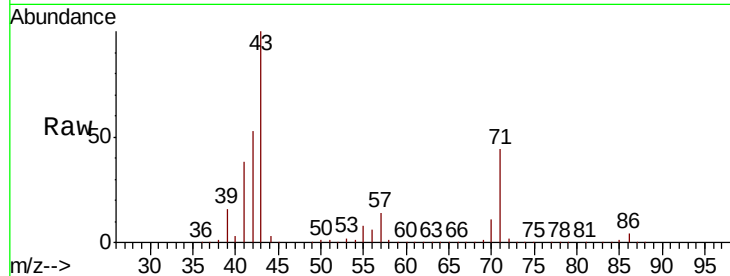




#18
Methyl Acetate
Concen: 3263.232 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

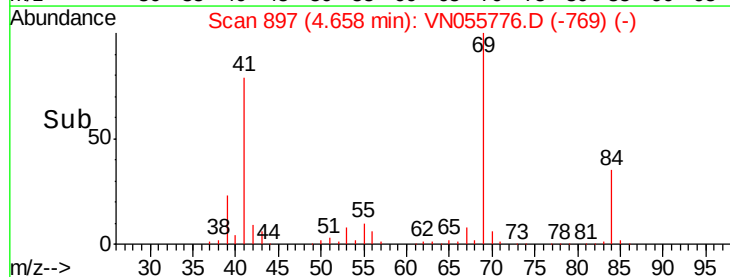
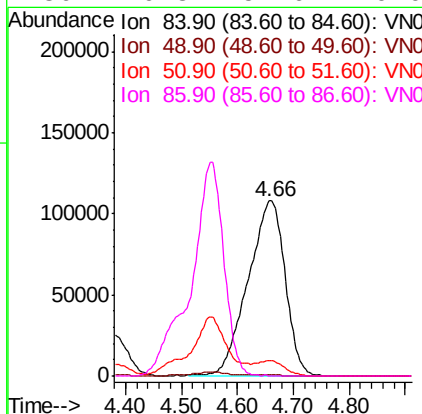
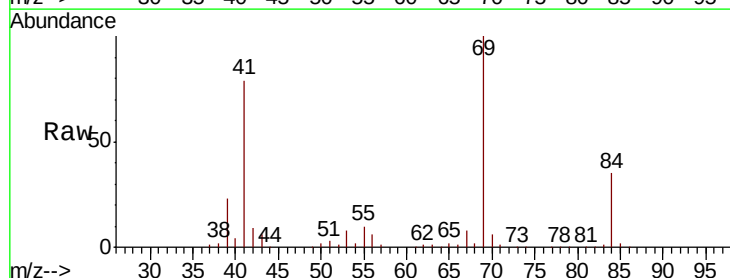
Instrument :
MSVOA_N
ClientSampleId :
P-3(4.5-5.0)

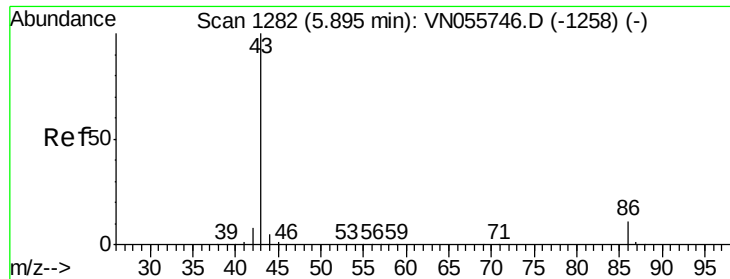
Tot Ion: 43 Resp:12395423
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#20
Methylene Chloride
Concen: 120.288 ug/l
RT: 4.66 min Scan# 897
Delta R.T. 0.11 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

Tgt Ion: 84 Resp: 499165
Ion Ratio Lower Upper
84 100
49 0.5 93.5 140.3#
51 8.7 28.6 43.0#
86 0.3 52.6 79.0#





#23

Vinyl Acetate

Concen: 18.442 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.06 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

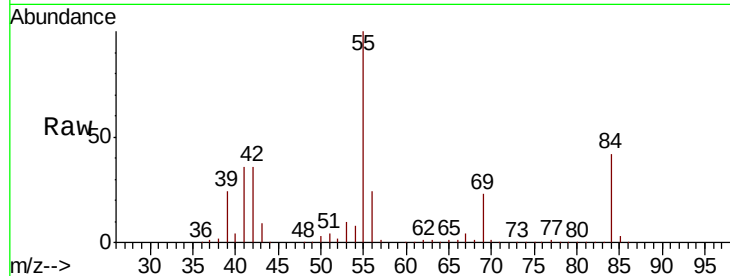
P-3(4.5-5.0)

Tot Ion: 43 Resp: 189261

Ion Ratio Lower Upper

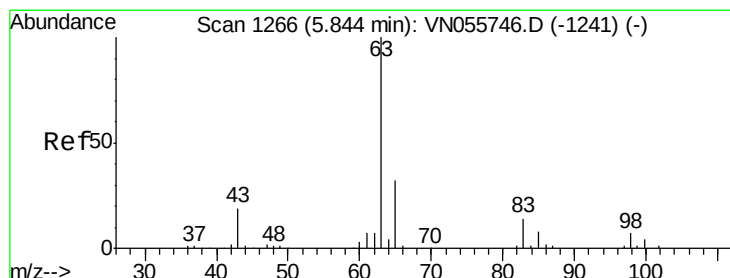
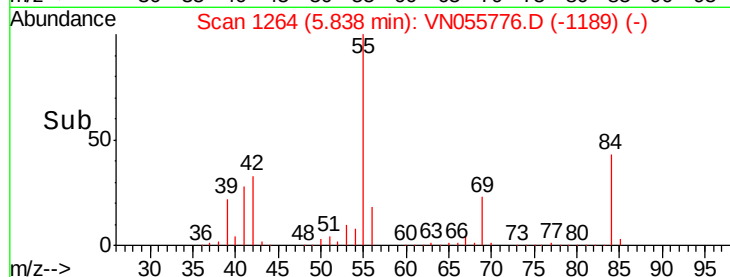
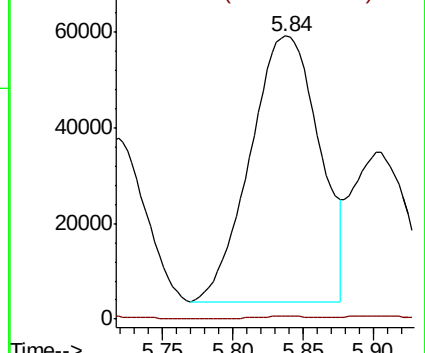
43 100

86 1.2 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: 2.475 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

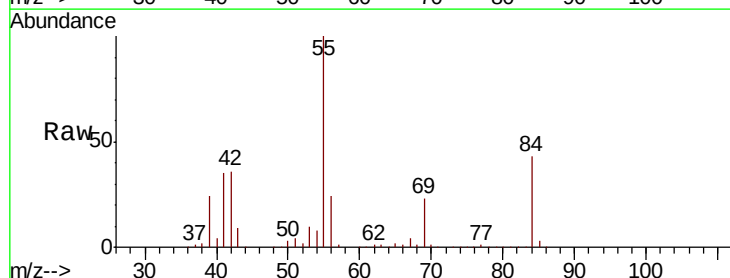
Tgt Ion: 63 Resp: 17249

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

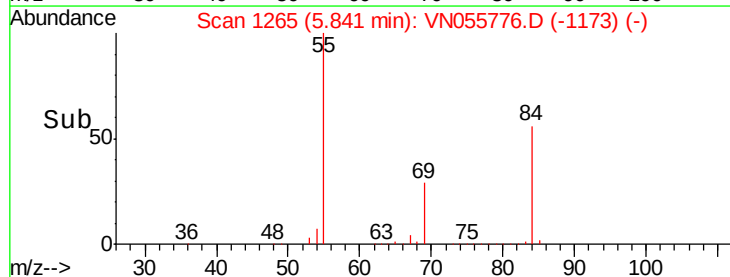
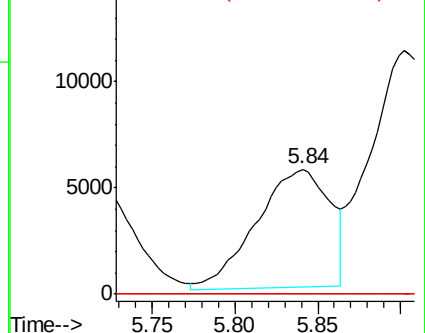
100 0.0 2.2 6.6#

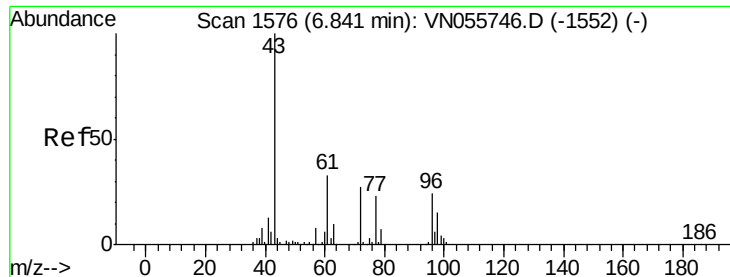


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 27.758 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.04 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

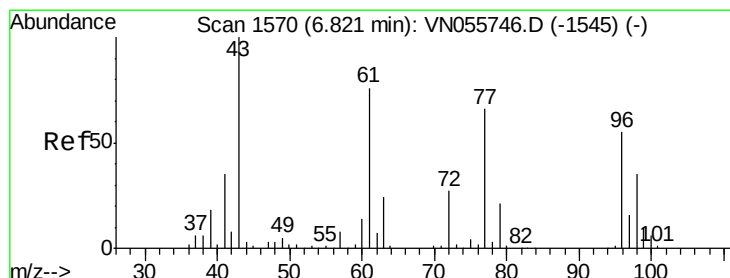
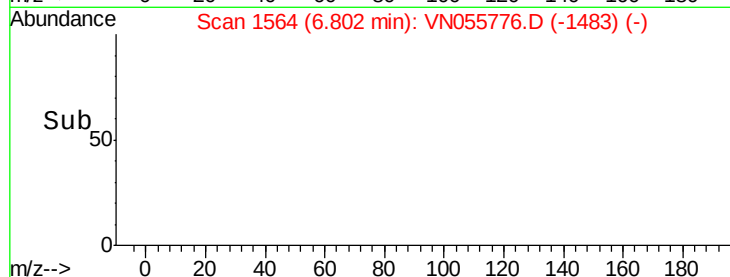
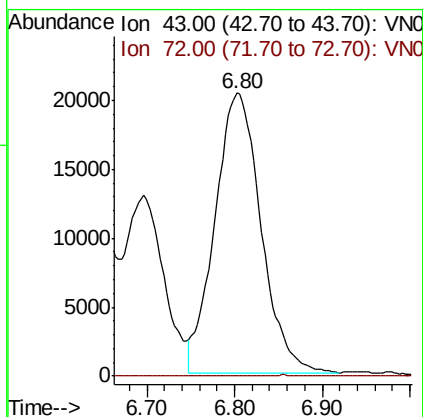
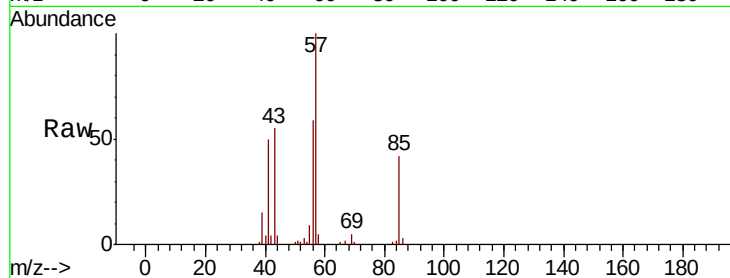
P-3(4.5-5.0)

Tot Ion: 43 Resp: 74283

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#26

2,2-Dichloropropane

Concen: 4.181 ug/l

RT: 6.62 min Scan# 1506

Delta R.T. -0.21 min

Lab File: VN055776.D

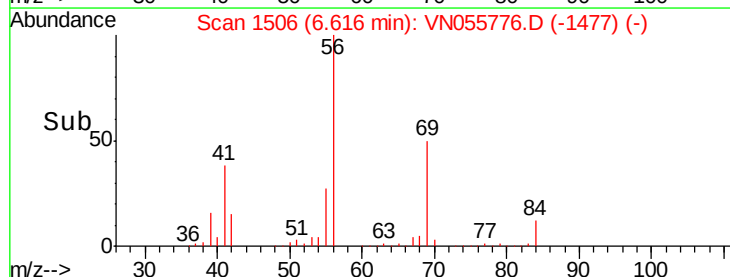
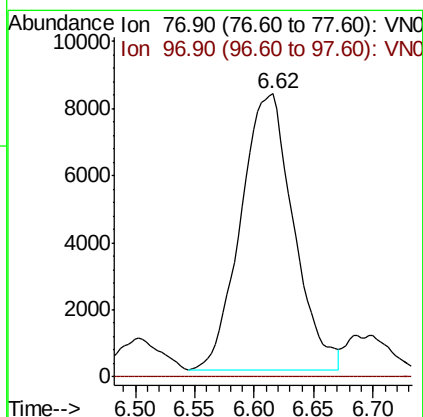
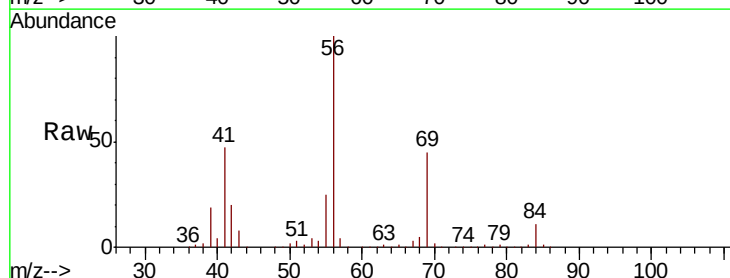
Acq: 24 May 2019 00:43

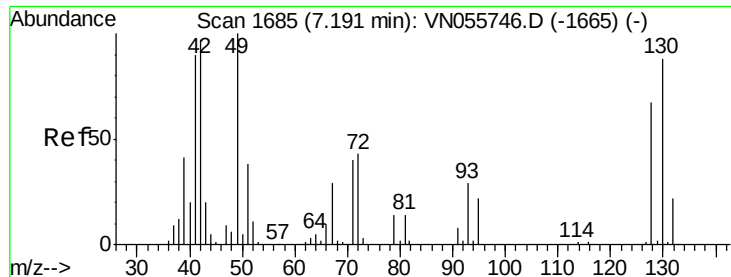
Tgt Ion: 77 Resp: 25219

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#





#28

Bromochloromethane

Concen: 0.324 ug/l

RT: 7.31 min Scan# 1721

Delta R.T. 0.12 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

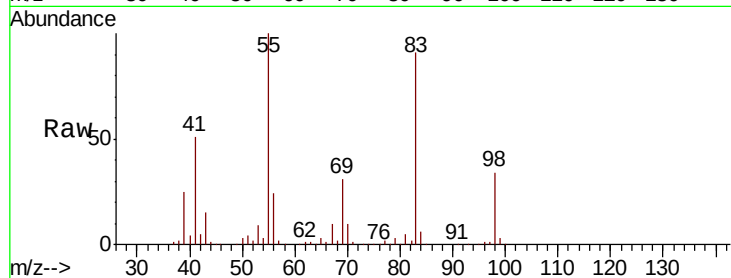
Tot Ion: 49 Resp: 1075

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

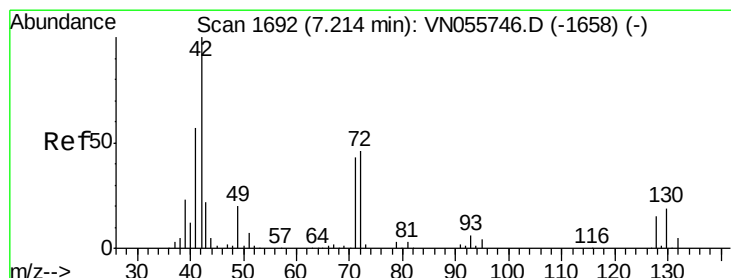
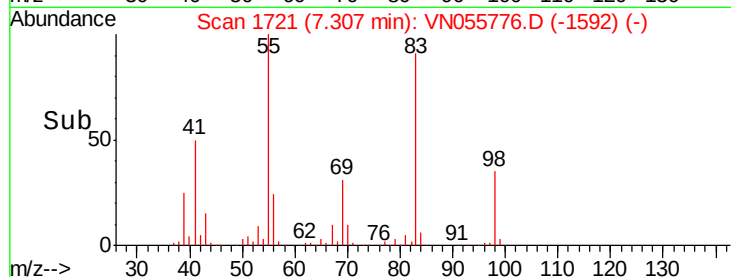
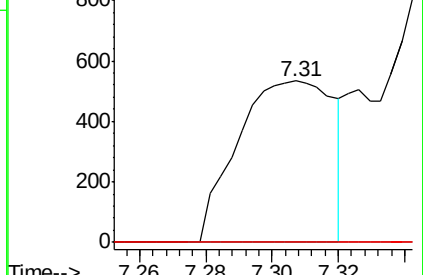
130 0.0 71.2 106.8#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 8.591 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

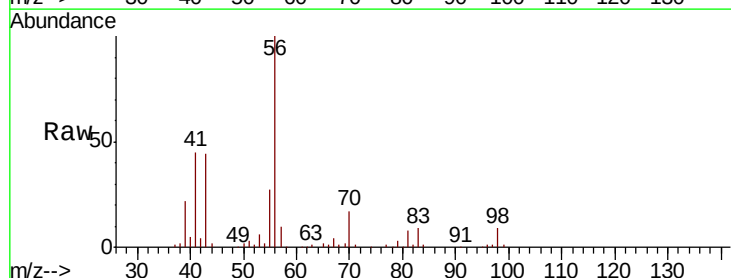
Tgt Ion: 42 Resp: 14559

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

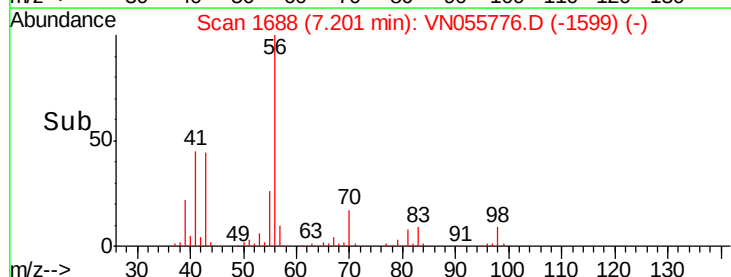
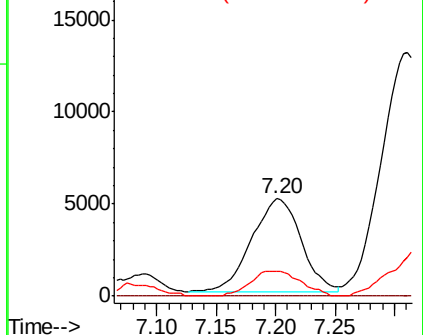
71 0.0 34.0 51.0#

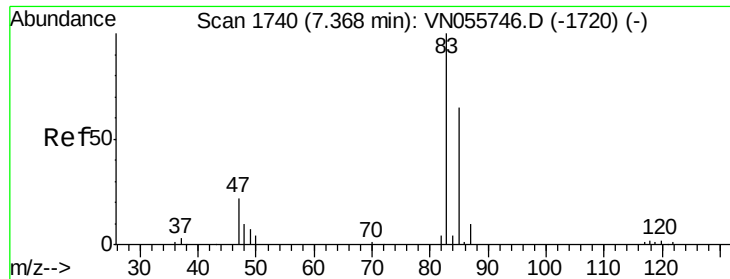


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

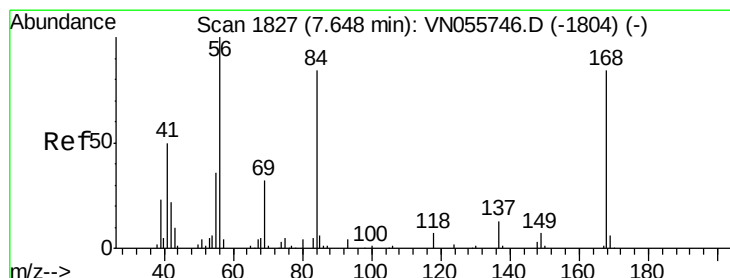
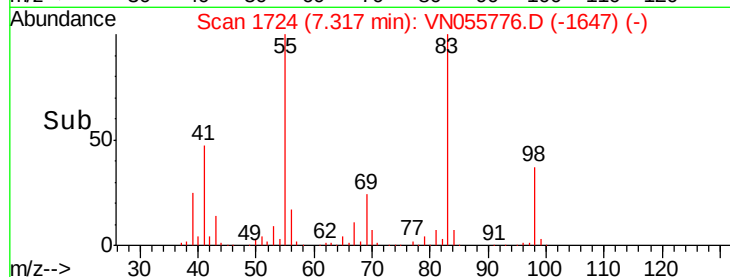
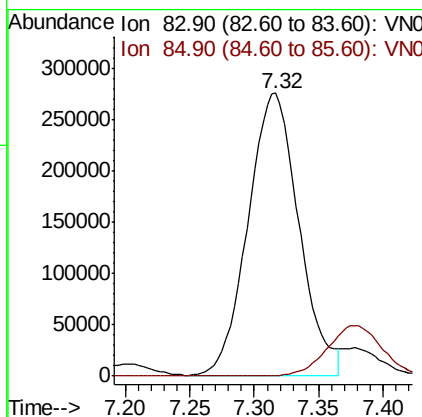
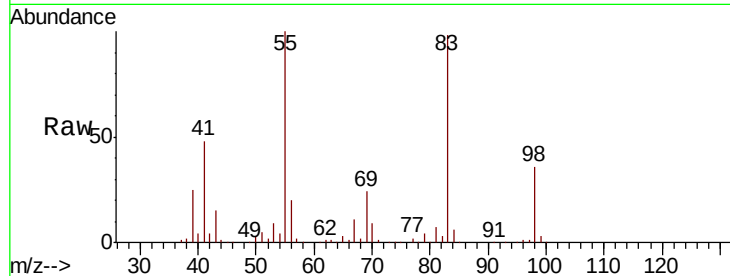




#30
Chloroform
Concen: 108.535 ug/l
RT: 7.32 min Scan# 1724
Delta R.T. -0.05 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

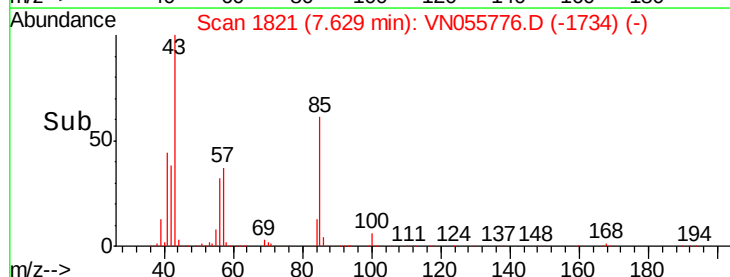
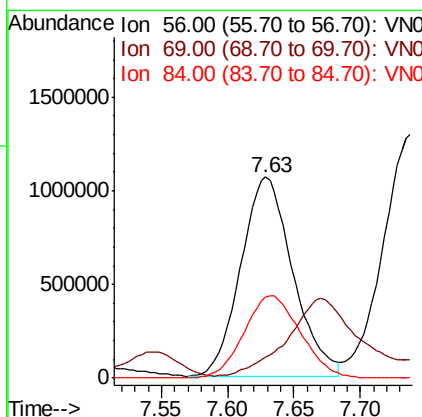
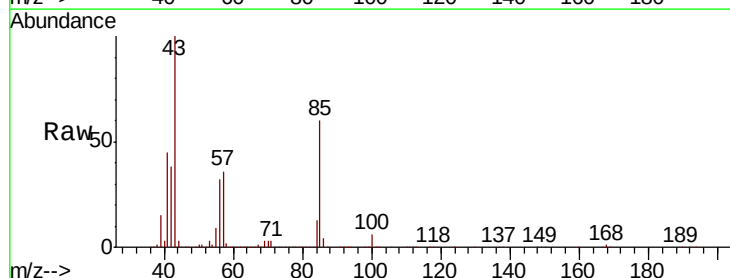
Instrument :
MSVOA_N
ClientSampled :
P-3(4.5-5.0)

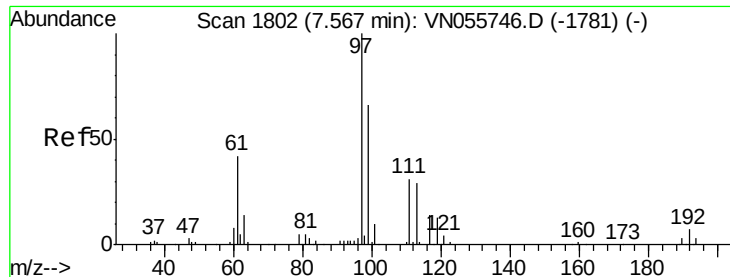
Tot Ion: 83 Resp: 754311
Ion Ratio Lower Upper
83 100
85 0.3 51.8 77.8#



#31
Cyclohexane
Concen: 442.012 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.02 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

Tgt Ion: 56 Resp: 2891999
Ion Ratio Lower Upper
56 100
69 5.7 25.6 38.4#
84 40.6 67.4 101.0#





#32

1,1,1-Trichloroethane

Concen: 0.375 ug/l

RT: 7.48 min Scan# 1775

Delta R.T. -0.09 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

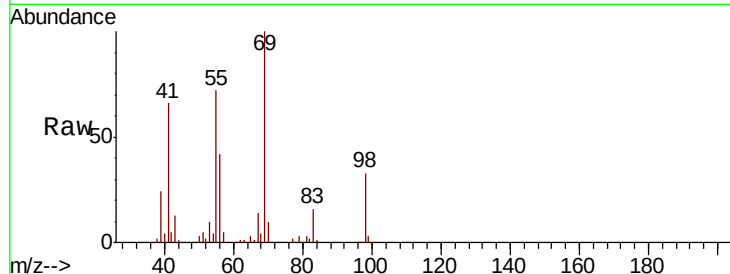
Tot Ion: 97 Resp: 2324

Ion Ratio Lower Upper

97 100

99 489.2 52.0 78.0#

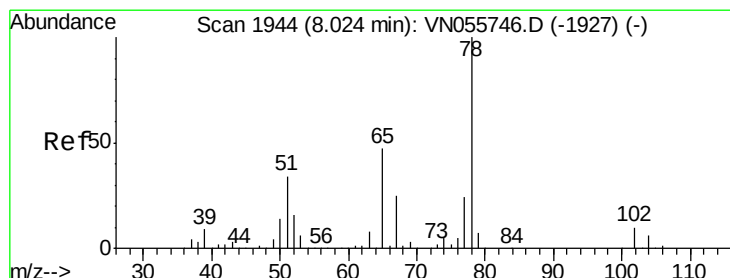
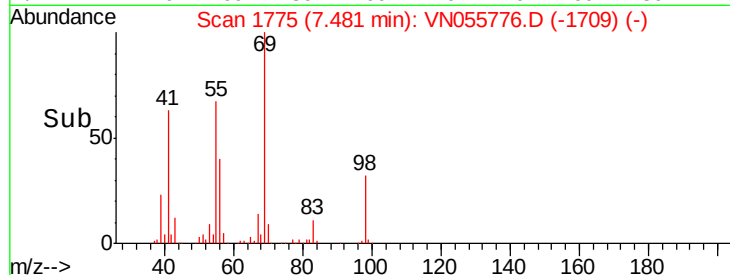
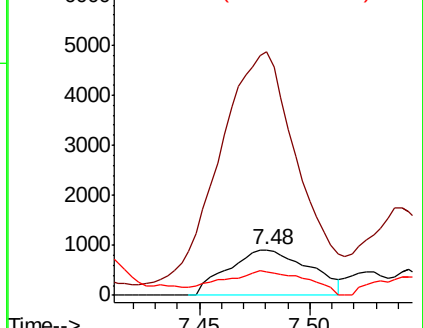
61 55.9 32.9 49.3#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 43.885 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055776.D

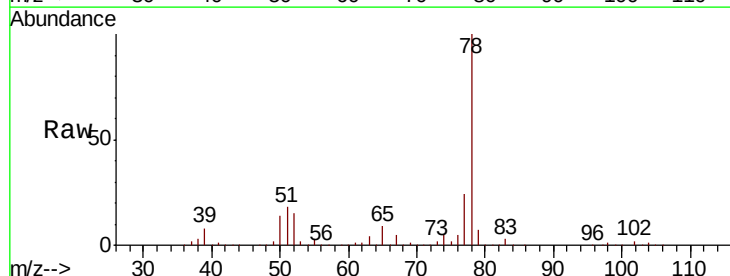
Acq: 24 May 2019 00:43

Tgt Ion: 65 Resp: 191300

Ion Ratio Lower Upper

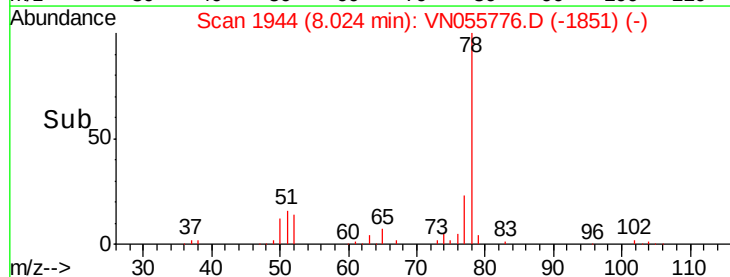
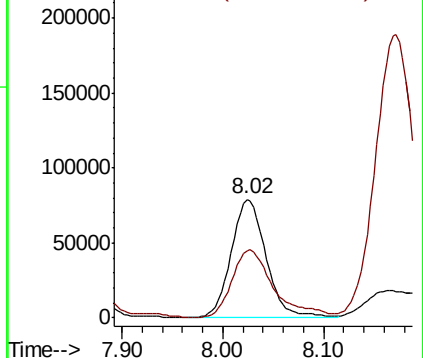
65 100

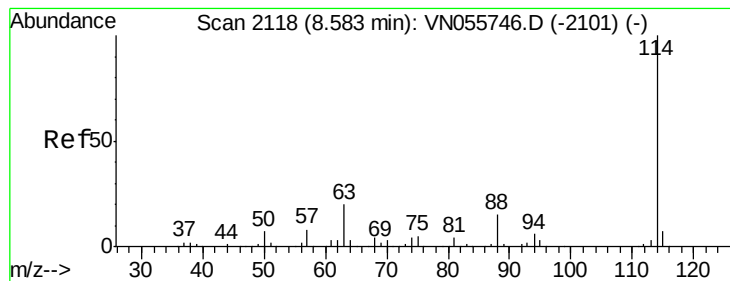
67 67.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

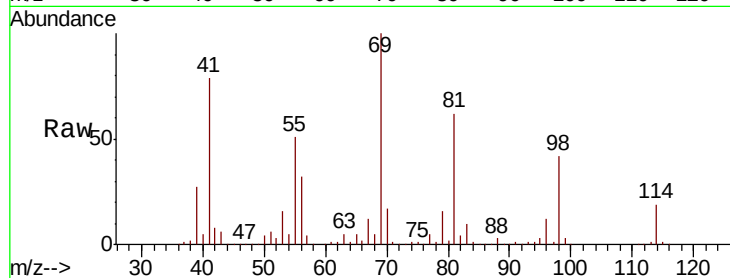
Tot Ion:114 Resp: 571505

Ion Ratio Lower Upper

114 100

63 28.4 0.0 39.2

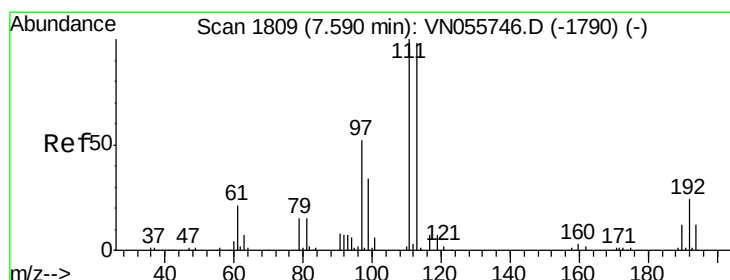
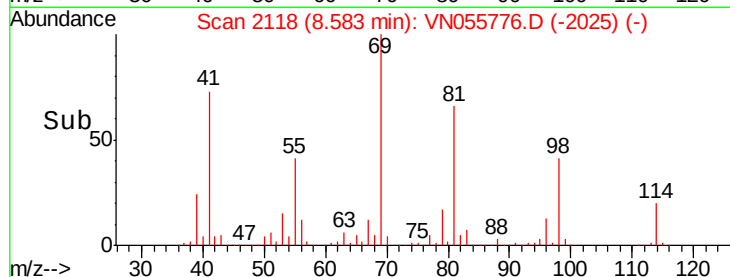
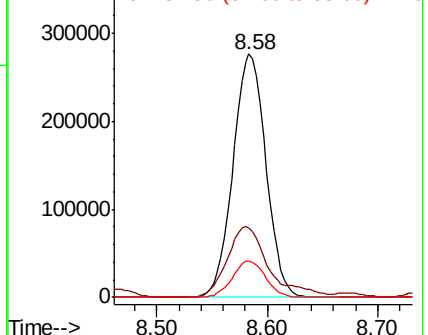
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.601 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

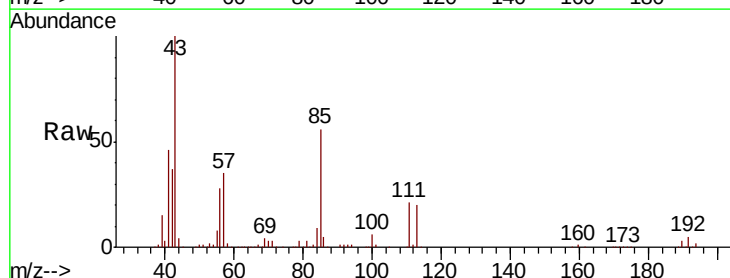
Tgt Ion:113 Resp: 171996

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

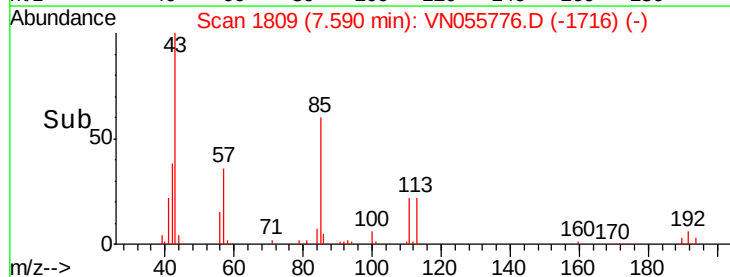
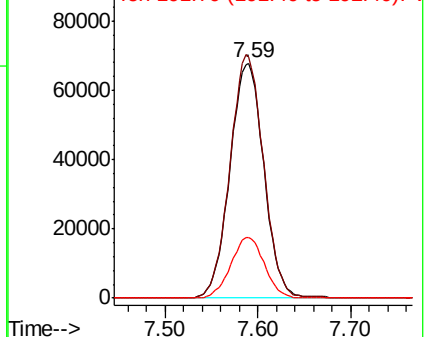
192 25.5 19.5 29.3

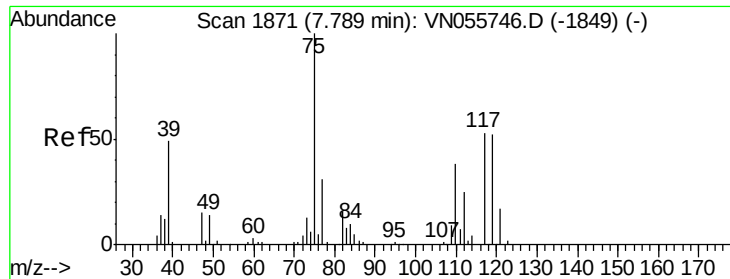


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.347 ug/l

RT: 7.74 min Scan# 1857

Delta R.T. -0.04 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

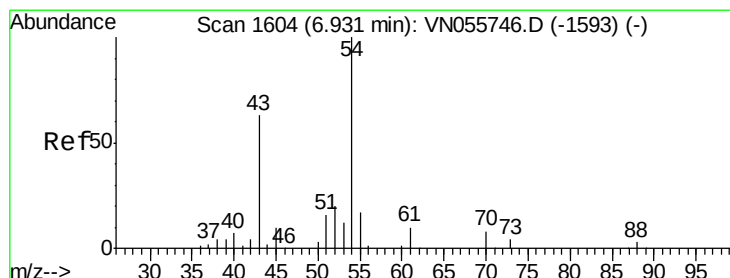
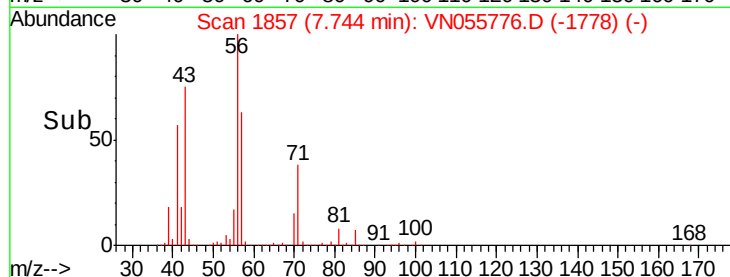
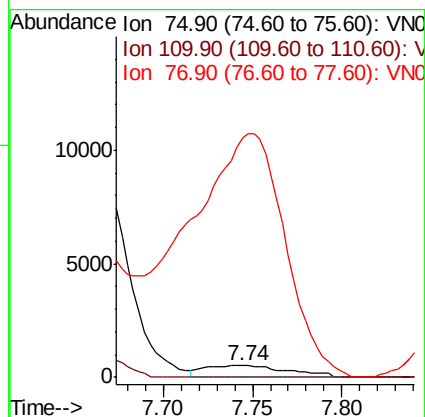
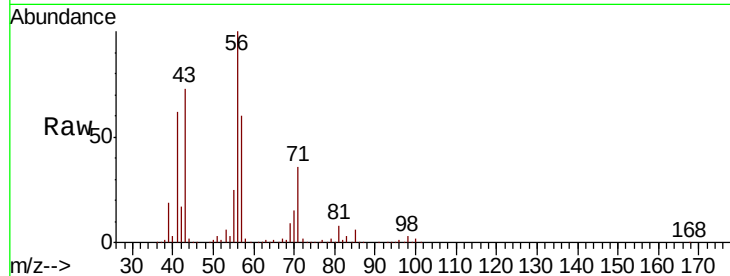
Tot Ion: 75 Resp: 1726

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 15.432 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.13 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

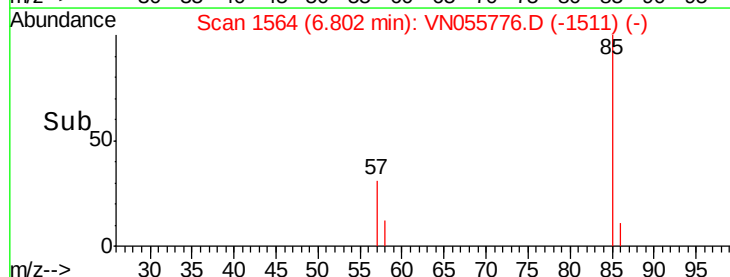
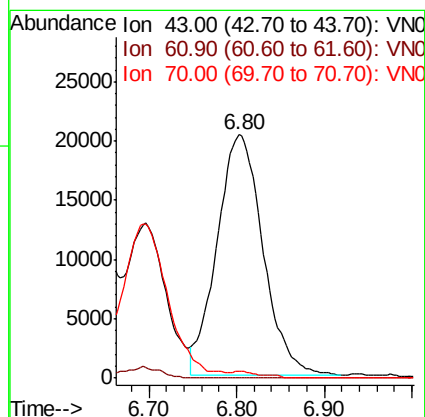
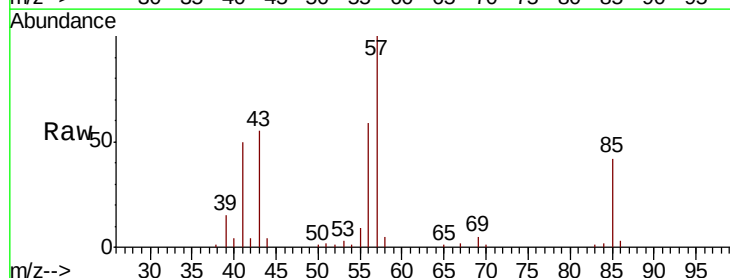
Tgt Ion: 43 Resp: 74283

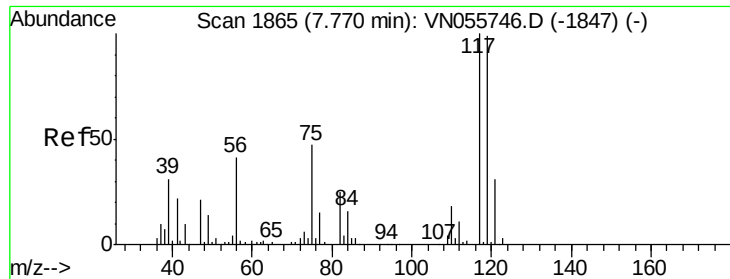
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

70 0.0 8.9 13.3#





#38

Carbon Tetrachloride

Concen: 6.505 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

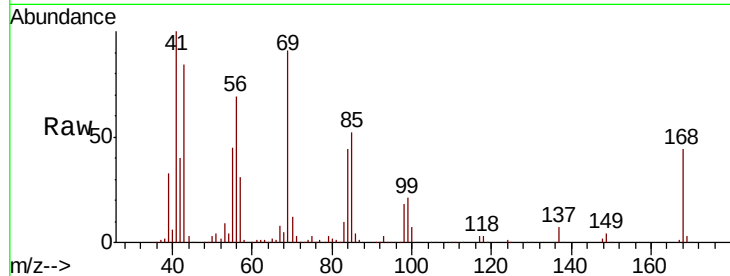
Tot Ion:117 Resp: 33748

Ion Ratio Lower Upper

117 100

119 4.6 79.0 118.6#

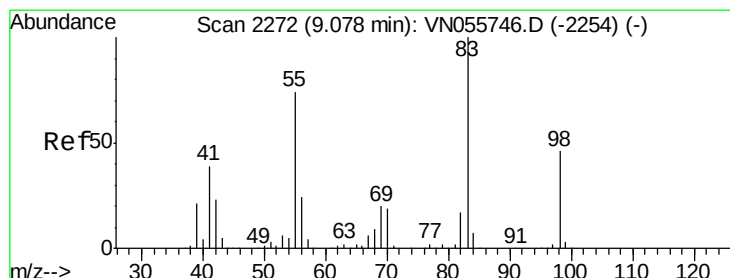
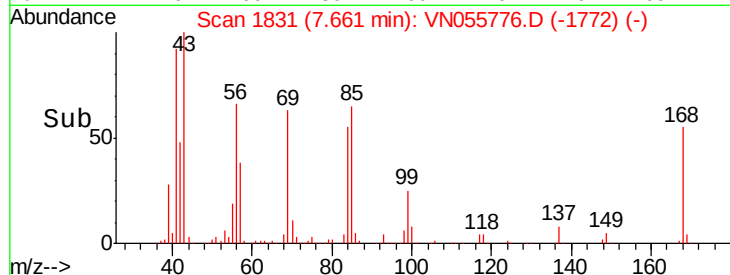
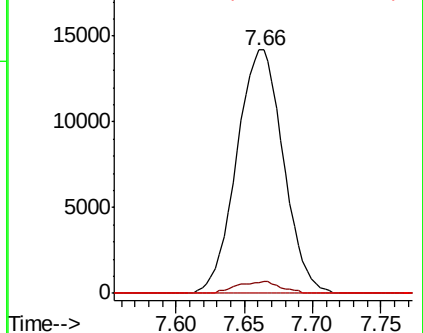
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 420.940 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

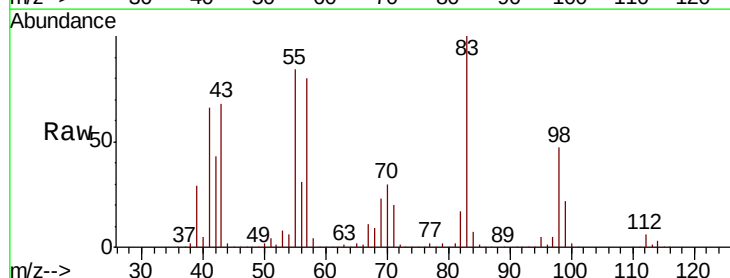
Tgt Ion: 83 Resp: 2596099

Ion Ratio Lower Upper

83 100

55 84.3 59.3 88.9

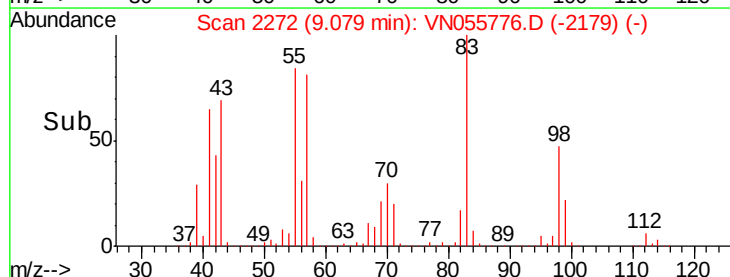
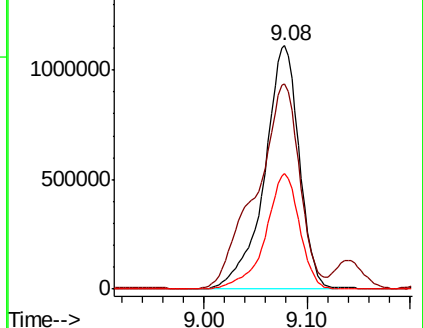
98 47.3 36.6 54.8

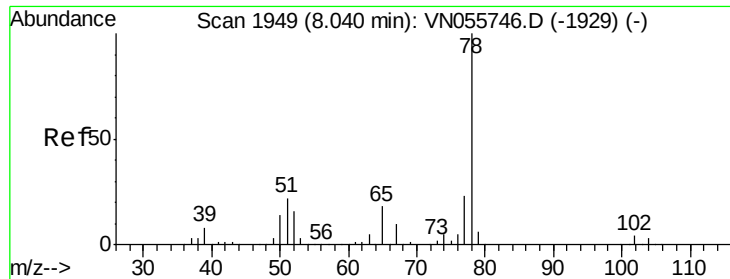


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 197.405 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

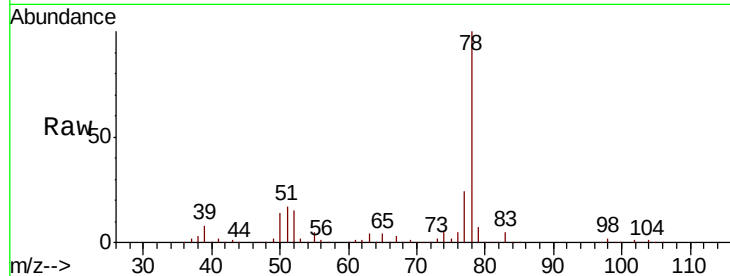
P-3(4.5-5.0)

Tot Ion: 78 Resp: 2963056

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.04

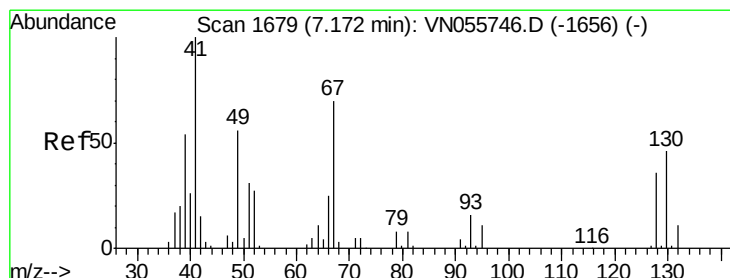
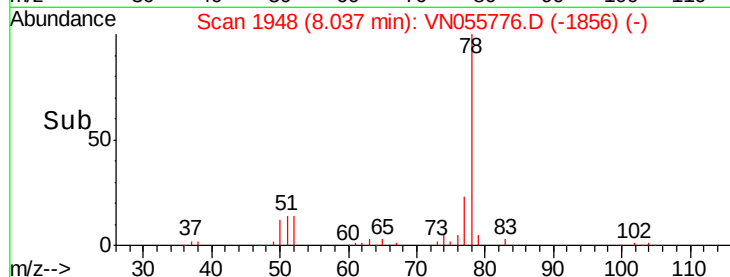
1500000

1000000

500000

0

Time--> 7.90 8.00 8.10



#41

Methacrylonitrile

Concen: 69.870 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.03 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Tgt Ion: 41 Resp: 169914

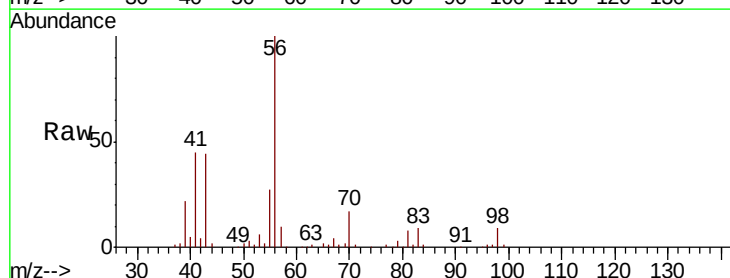
Ion Ratio Lower Upper

41 100

39 51.0 45.6 68.4

67 0.0 67.7 101.5#

52 3.7 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

200000

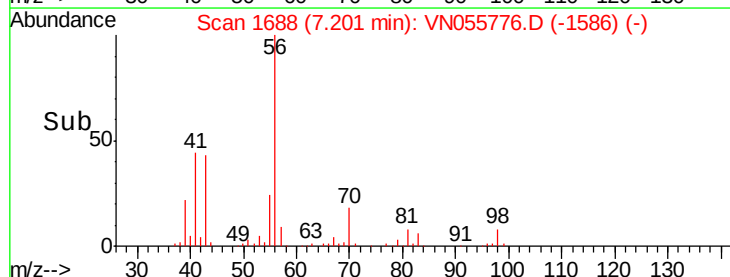
150000

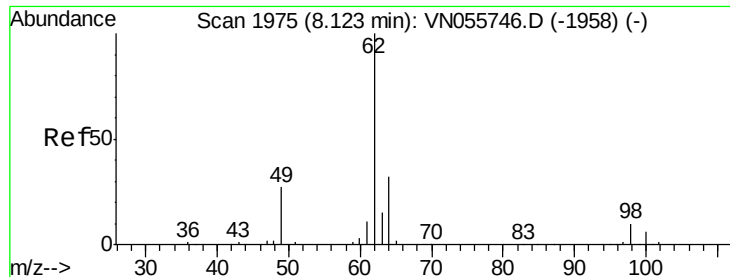
100000

50000

0

Time--> 7.10 7.15 7.20 7.25

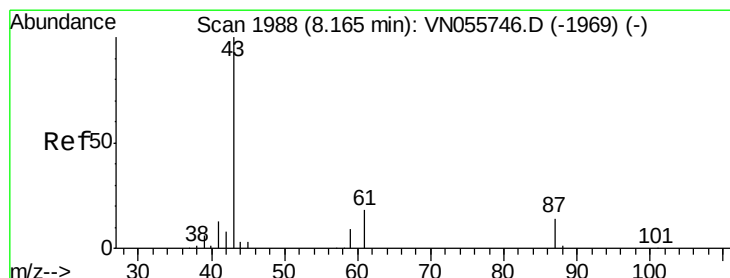
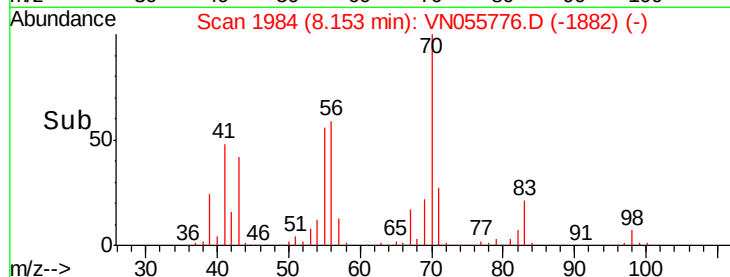
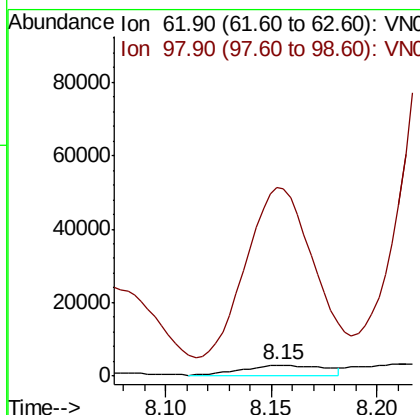
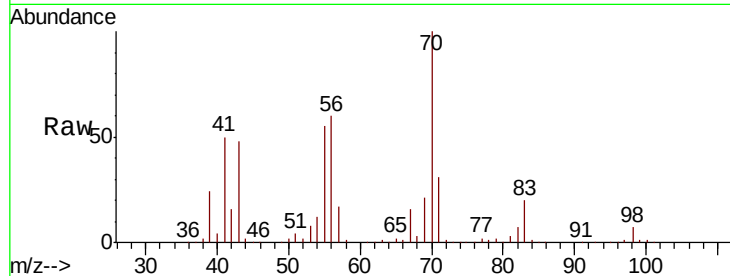




#42
 1,2-Dichloroethane
 Concen: 1.460 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.03 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

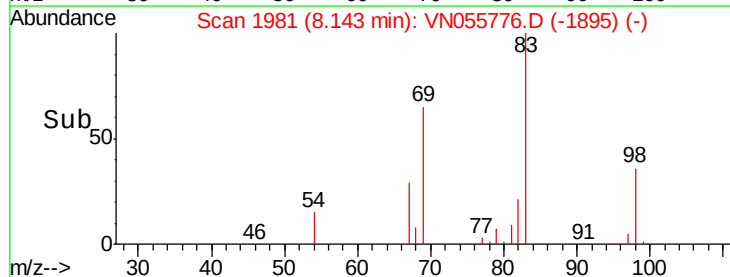
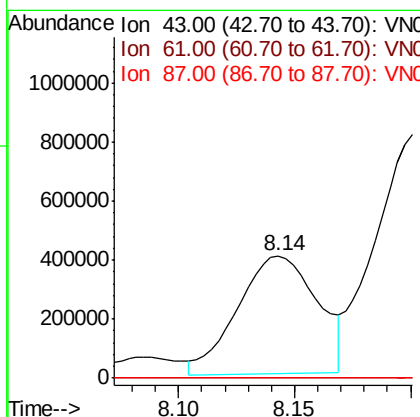
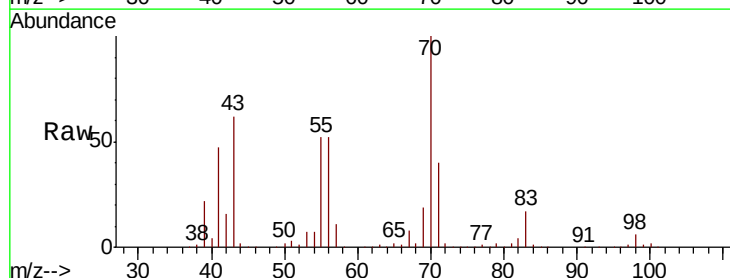
Instrument :
 MSVOA_N
 ClientSampled :
 P-3(4.5-5.0)

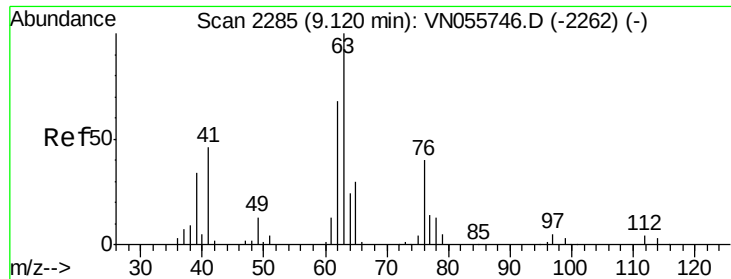
Tot Ion: 62 Resp: 7161
 Ion Ratio Lower Upper
 62 100
 98 1412.9 0.0 20.2#



#43
 Isopropyl Acetate
 Concen: 118.717 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.02 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion: 43 Resp: 960143
 Ion Ratio Lower Upper
 43 100
 61 0.3 22.2 33.4#
 87 0.0 11.4 17.2#

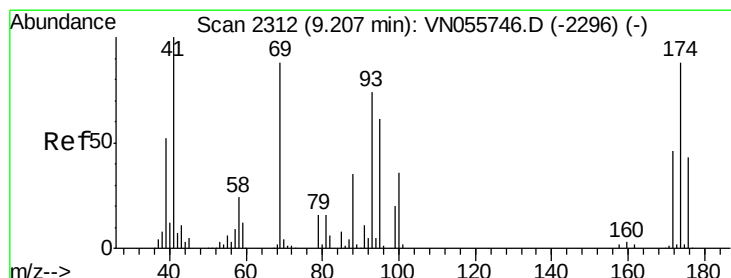
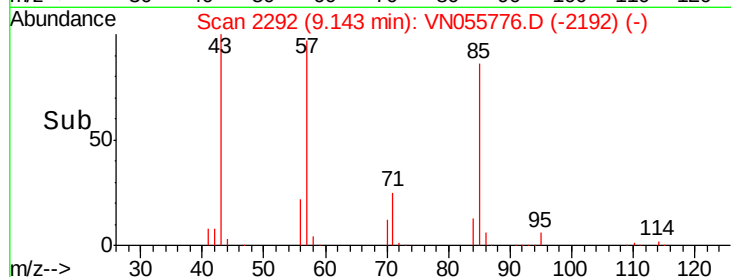
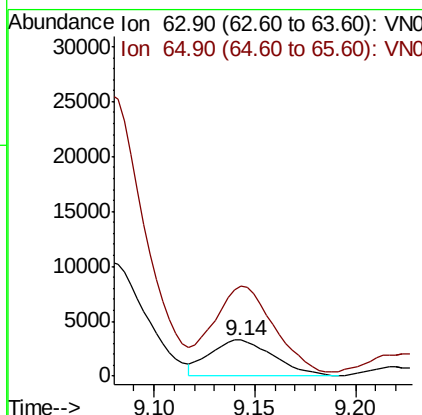
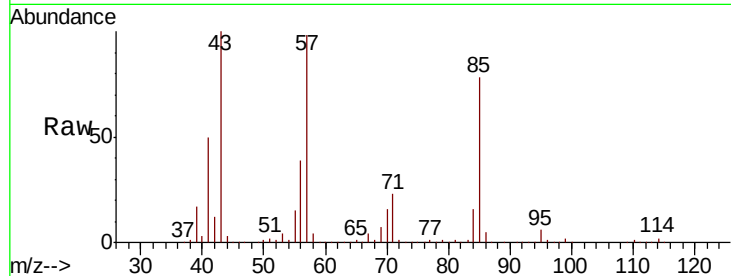




#45
 1,2-Dichloropropane
 Concen: 1.848 ug/l
 RT: 9.14 min Scan# 2292
 Delta R.T. 0.02 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

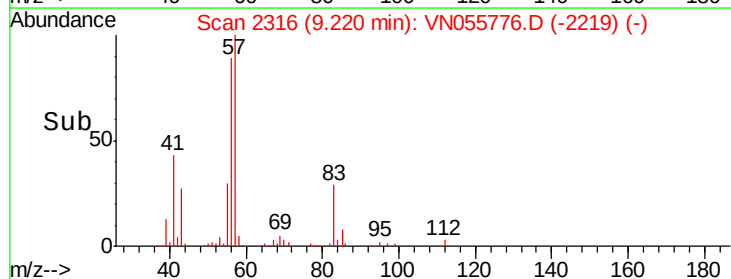
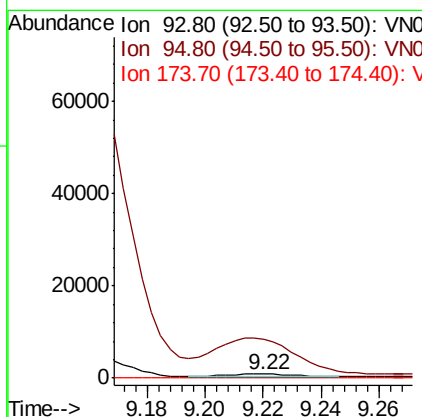
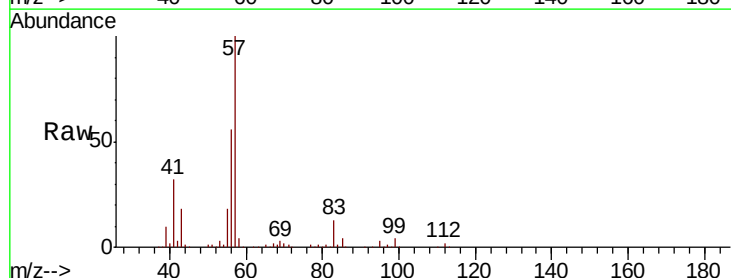
Instrument :
 MSVOA_N
 ClientSampled :
 P-3(4.5-5.0)

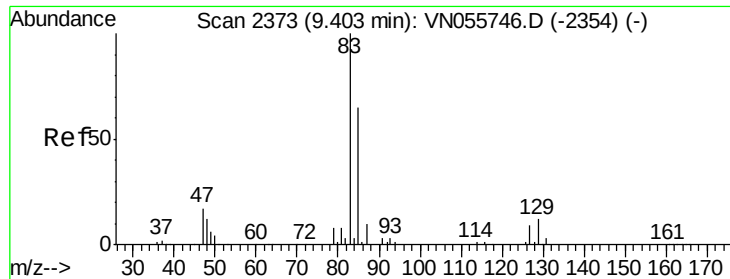
Tot Ion: 63 Resp: 7227
 Ion Ratio Lower Upper
 63 100
 65 236.8 24.6 36.8#



#46
 Dibromomethane
 Concen: 0.427 ug/l
 RT: 9.22 min Scan# 2316
 Delta R.T. 0.01 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion: 93 Resp: 1096
 Ion Ratio Lower Upper
 93 100
 95 1386.7 66.7 100.1#
 174 0.0 96.4 144.6#





#47

Bromodichloromethane

Concen: 117.778 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

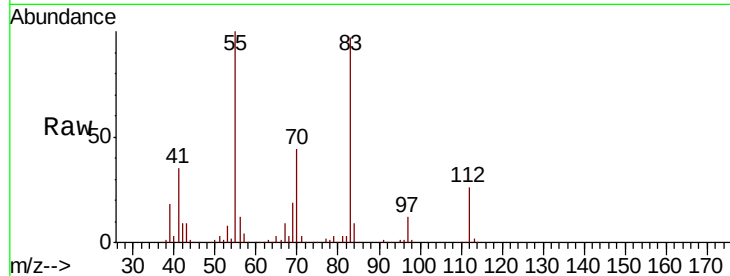
Tot Ion: 83 Resp: 619395

Ion Ratio Lower Upper

83 100

85 0.3 52.2 78.2#

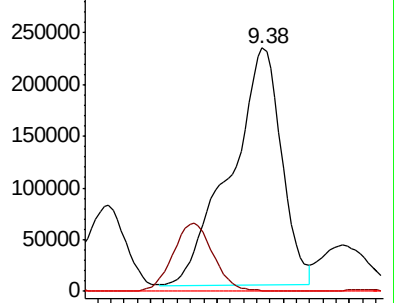
127 0.0 7.4 11.0#



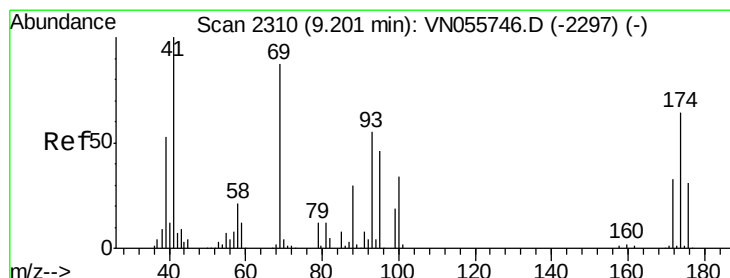
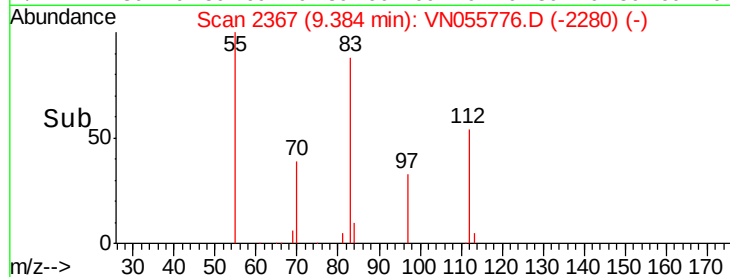
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



Time-->



#48

Methyl methacrylate

Concen: 41.519 ug/l

RT: 9.22 min Scan# 2316

Delta R.T. 0.02 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

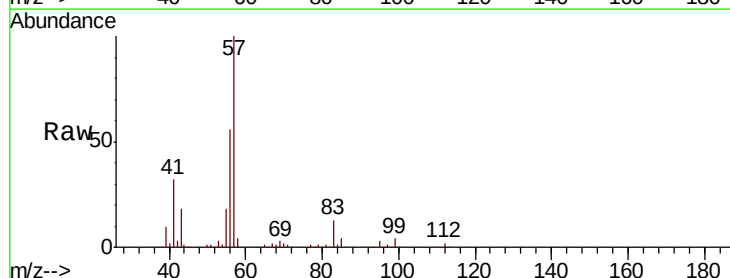
Tgt Ion: 41 Resp: 154760

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

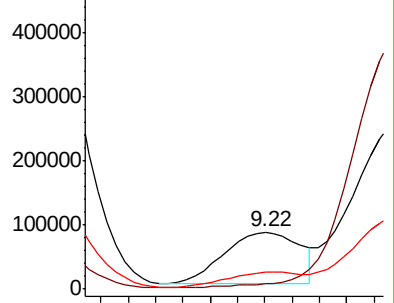
39 26.3 44.2 66.2#



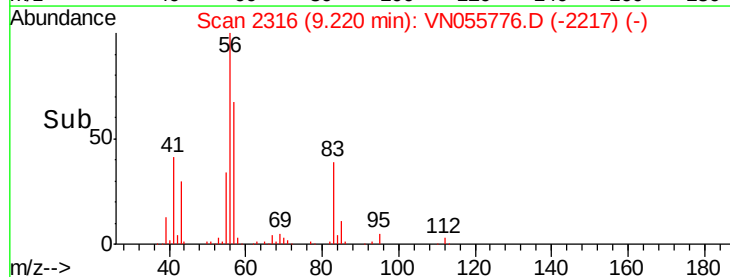
Abundance Ion 41.00 (40.70 to 41.70): VN0

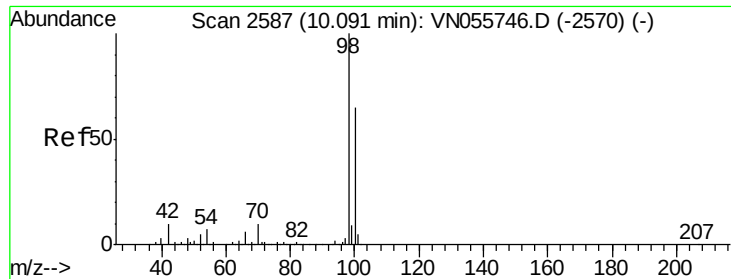
Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#50

Toluene-d8

Concen: 55.576 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

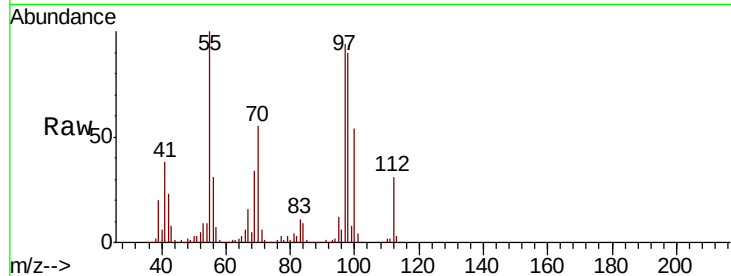
P-3(4.5-5.0)

Tot Ion: 98 Resp: 770292

Ion Ratio Lower Upper

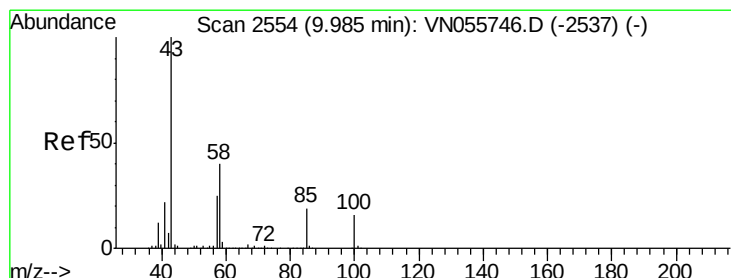
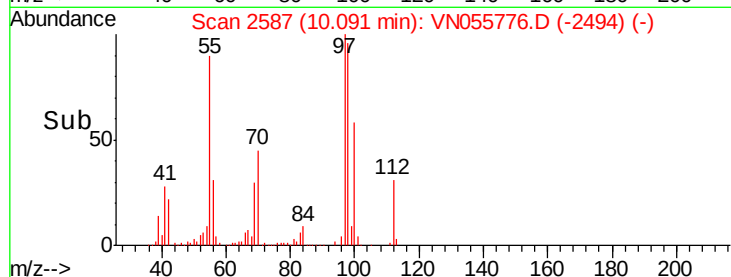
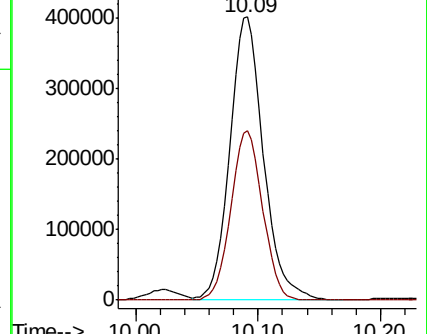
98 100

100 56.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 65.045 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN055776.D

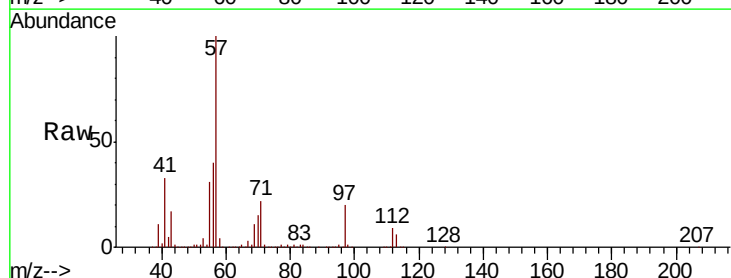
Acq: 24 May 2019 00:43

Tgt Ion: 43 Resp: 310695

Ion Ratio Lower Upper

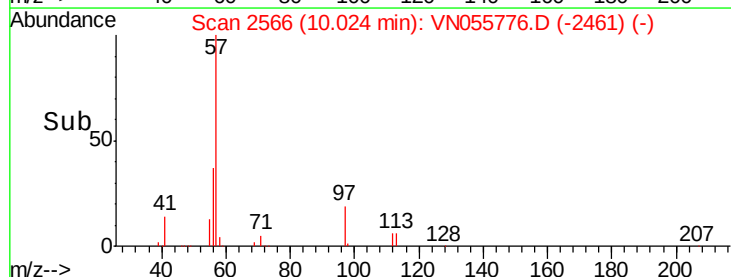
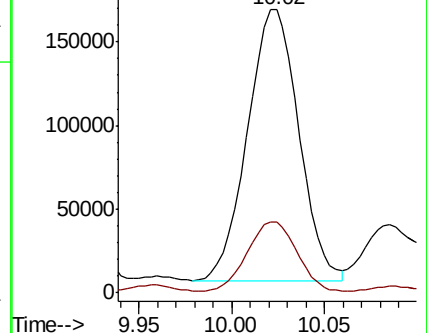
43 100

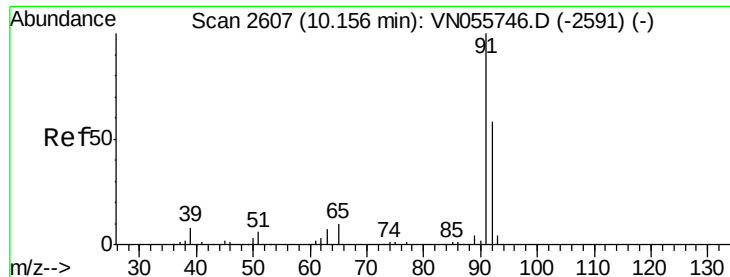
58 25.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 935.315 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

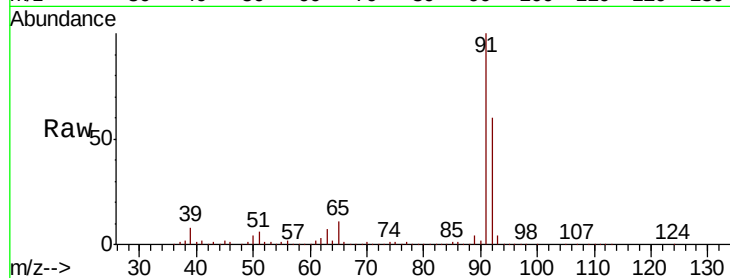
P-3(4.5-5.0)

Tot Ion: 92 Resp: 8829618

Ion Ratio Lower Upper

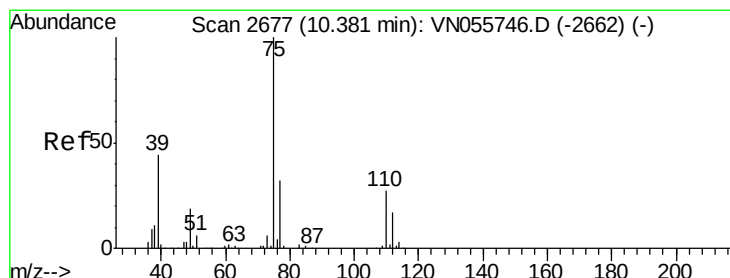
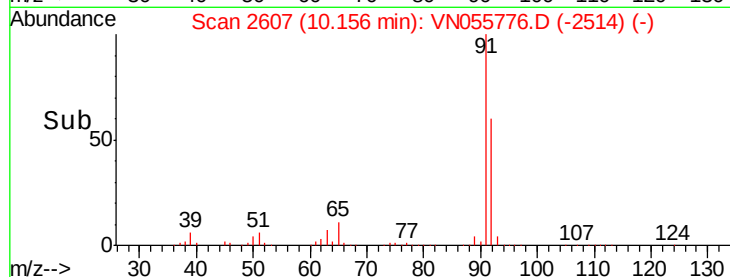
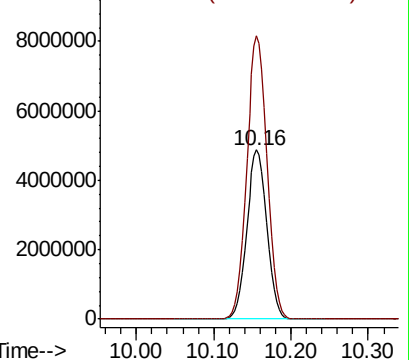
92 100

91 168.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.801 ug/l

RT: 10.52 min Scan# 2719

Delta R.T. 0.14 min

Lab File: VN055776.D

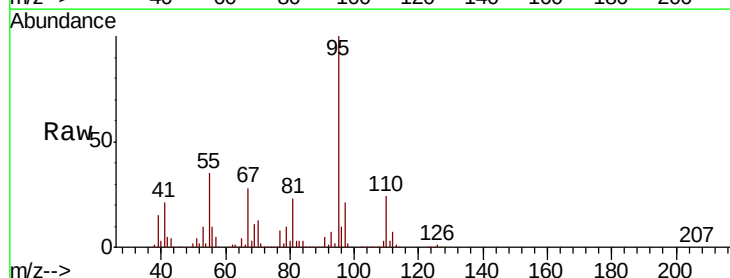
Acq: 24 May 2019 00:43

Tgt Ion: 75 Resp: 4499

Ion Ratio Lower Upper

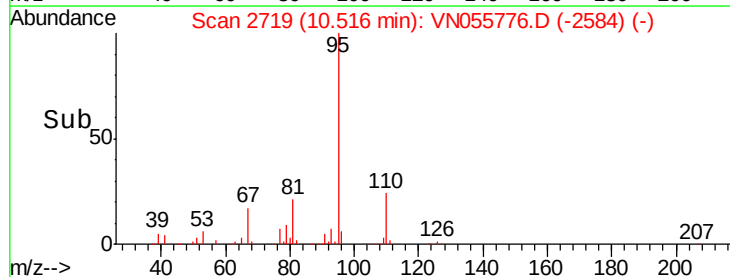
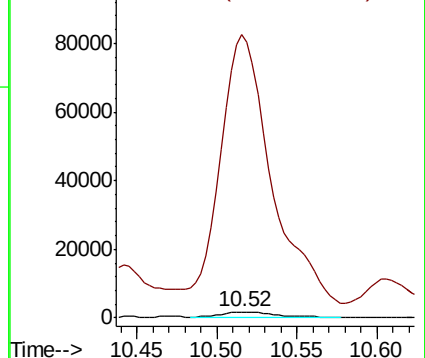
75 100

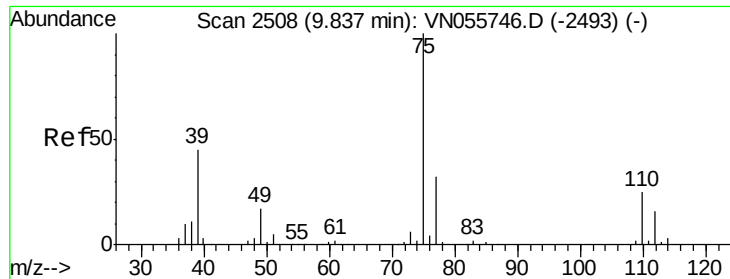
77 4392.5 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



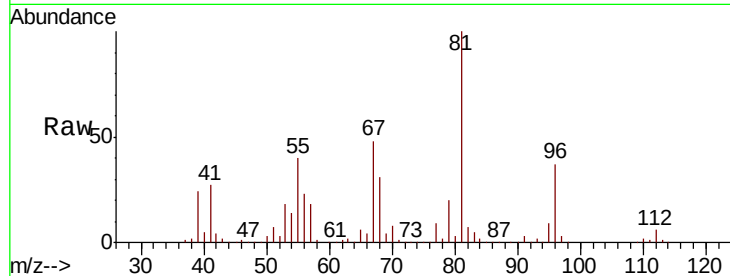


#54

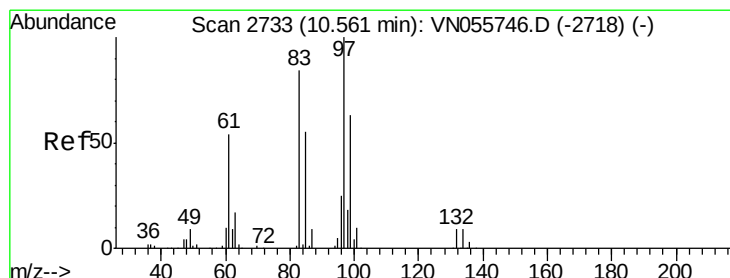
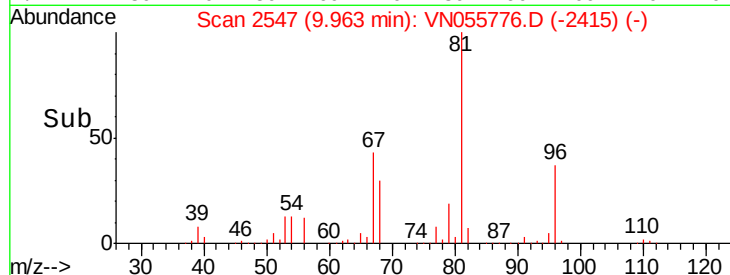
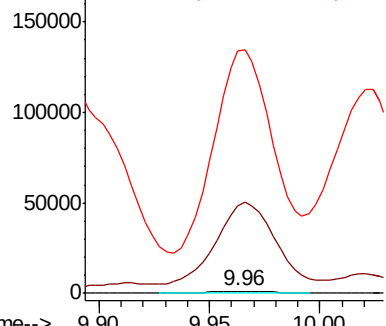
cis-1,3-Dichloropropene
 Concen: 0.387 ug/l
 RT: 9.96 min Scan# 2547
 Delta R.T. 0.13 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Instrument :
 MSVOA_N
 ClientSampleId :
 P-3(4.5-5.0)

Tot Ion: 75 Resp: 2406
 Ion Ratio Lower Upper
 75 100
 77 3703.4 25.4 38.0#
 39 9223.6 36.3 54.5#



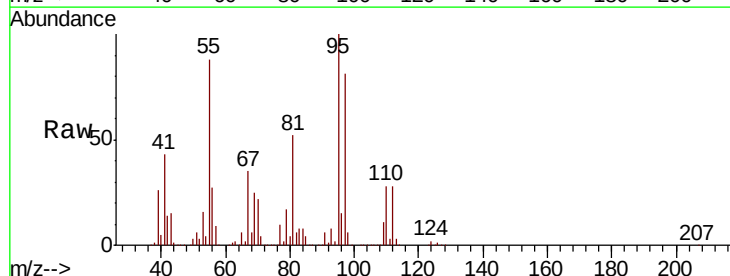
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



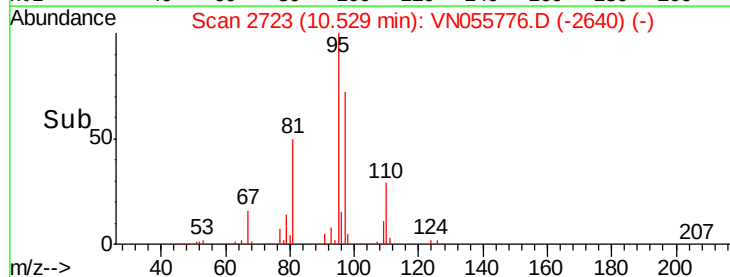
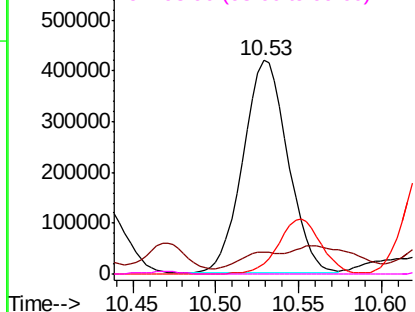
#55

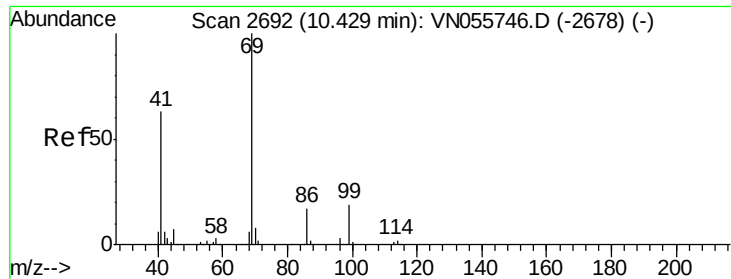
1,1,2-Trichloroethane
 Concen: 208.013 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion: 97 Resp: 786678
 Ion Ratio Lower Upper
 97 100
 83 3.1 67.0 100.6#
 85 4.6 44.0 66.0#
 99 0.3 50.6 75.8#



Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO





#56

Ethyl methacrylate

Concen: 29.577 ug/l

RT: 10.47 min Scan# 2705

Delta R.T. 0.04 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

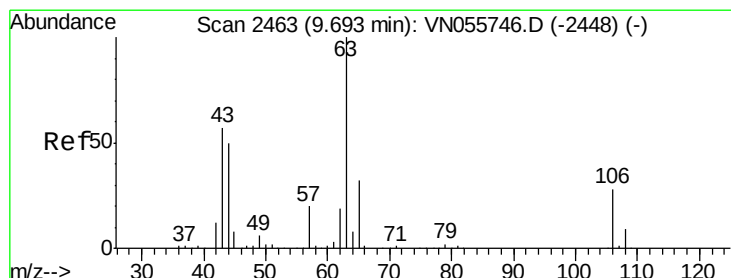
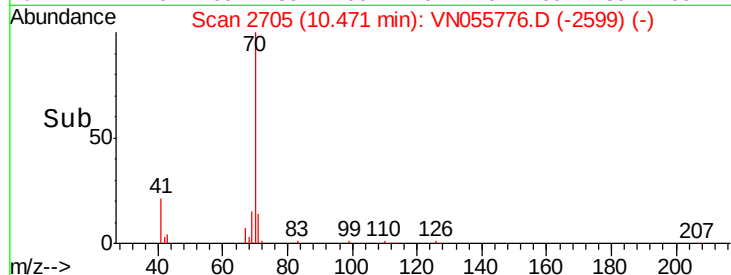
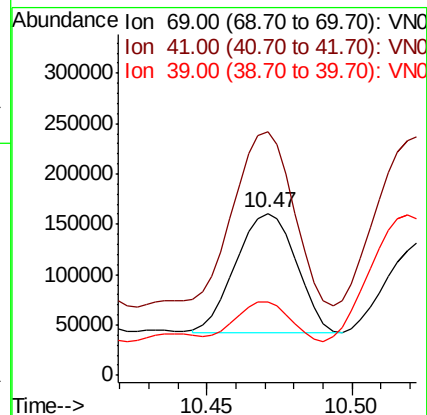
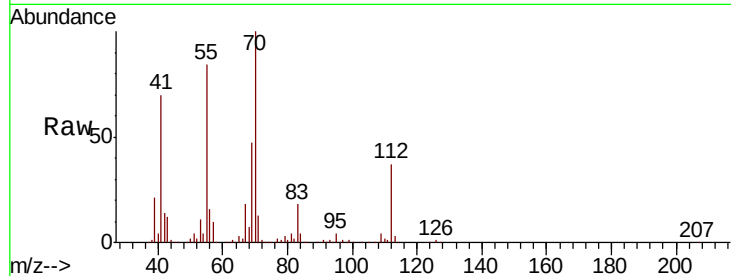
Tot Ion: 69 Resp: 172872

Ion Ratio Lower Upper

69 100

41 141.1 49.7 74.5#

39 28.3 24.7 37.1



#58

2-Chloroethyl Vinyl ether

Concen: 9.355 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. -0.03 min

Lab File: VN055776.D

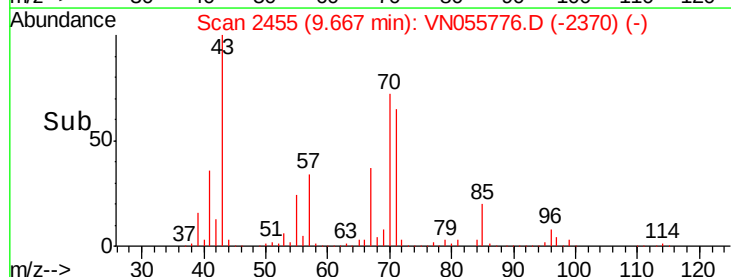
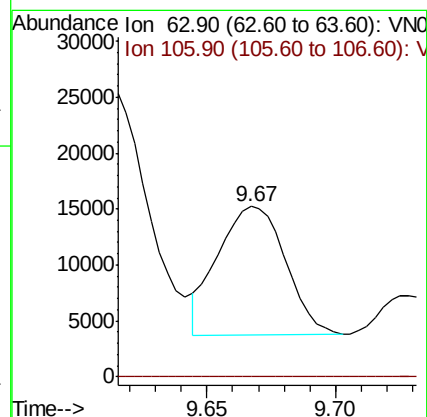
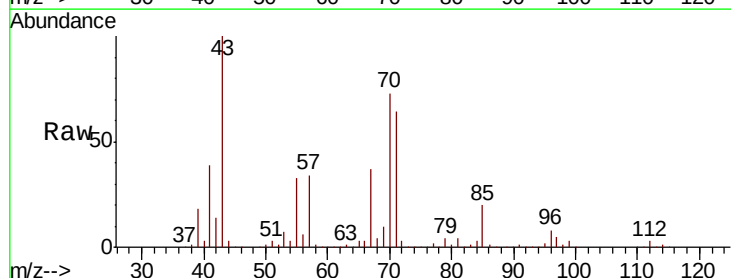
Acq: 24 May 2019 00:43

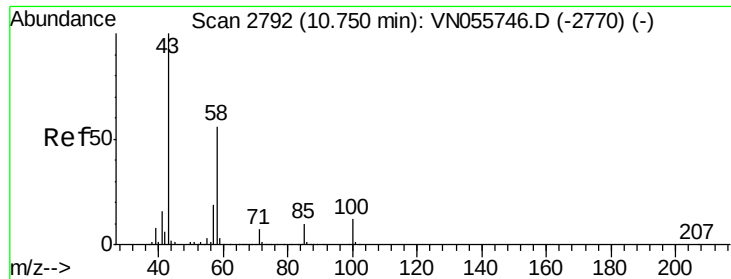
Tgt Ion: 63 Resp: 20896

Ion Ratio Lower Upper

63 100

106 0.0 22.7 34.1#

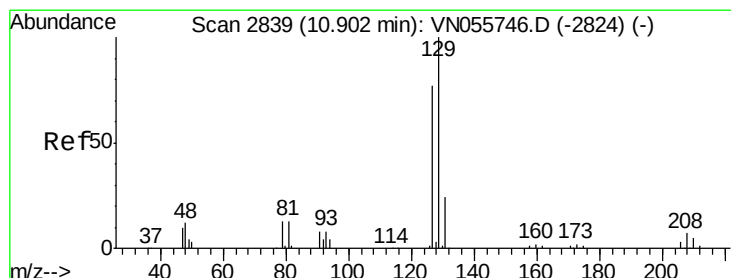
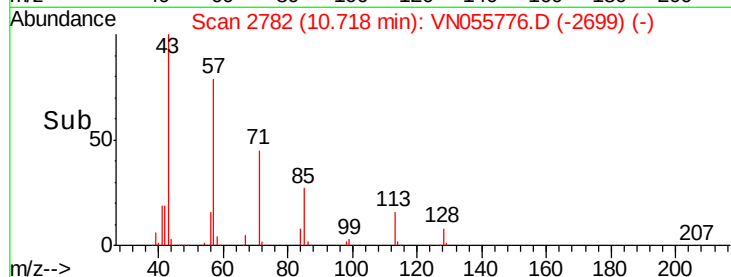
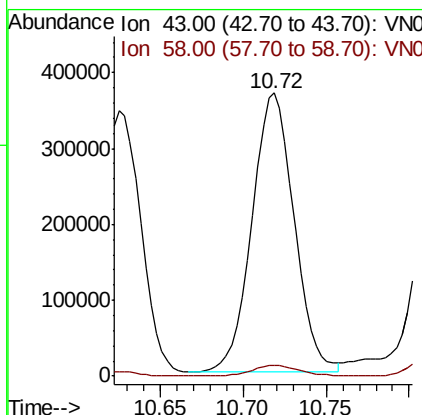
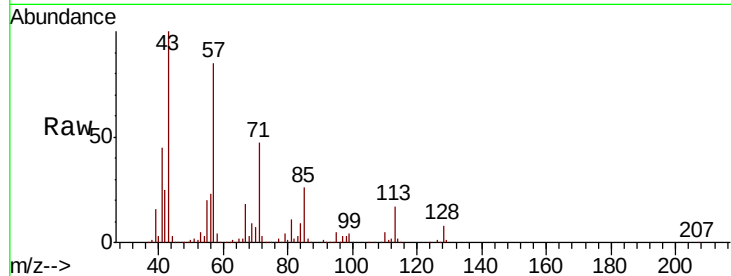




#59
2-Hexanone
Concen: 192.466 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

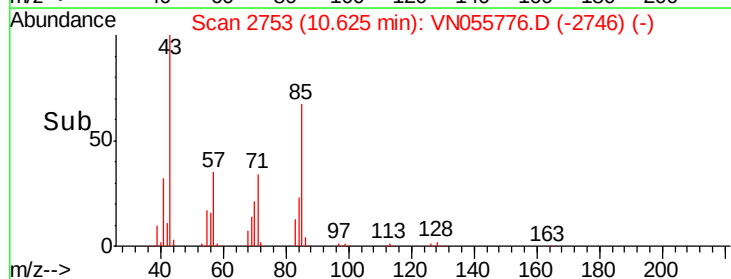
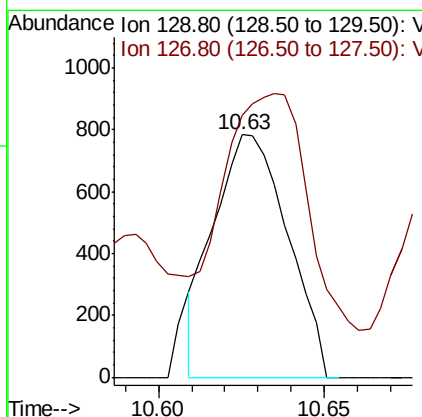
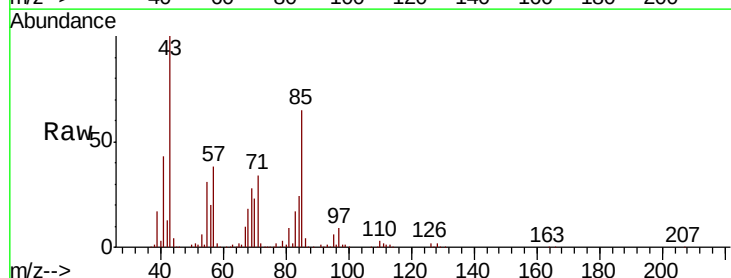
Instrument :
MSVOA_N
ClientSampled :
P-3(4.5-5.0)

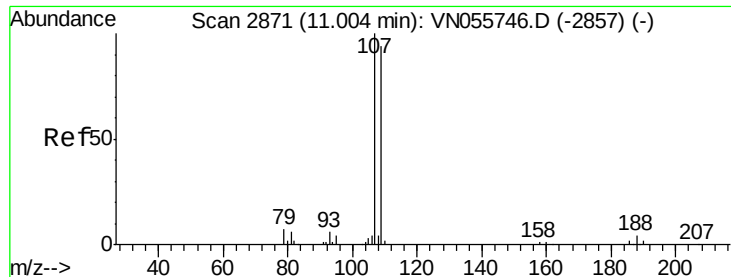
Tot Ion: 43 Resp: 652179
Ion Ratio Lower Upper
43 100
58 4.4 28.2 84.7#



#60
Dibromochloromethane
Concen: 0.276 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.28 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

Tgt Ion: 129 Resp: 1217
Ion Ratio Lower Upper
129 100
127 108.4 38.1 114.3

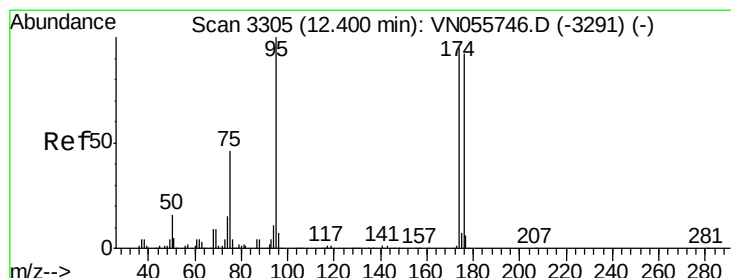
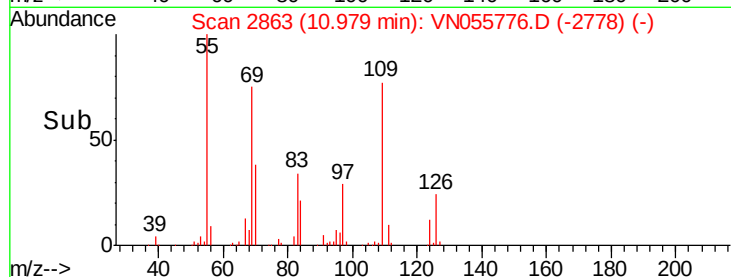
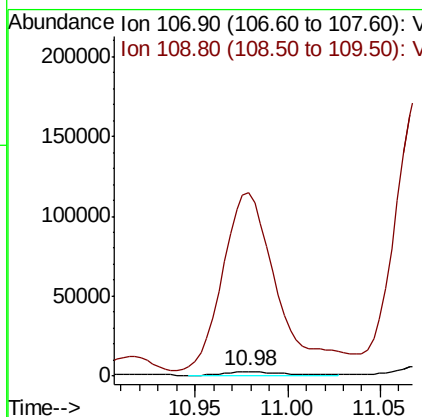
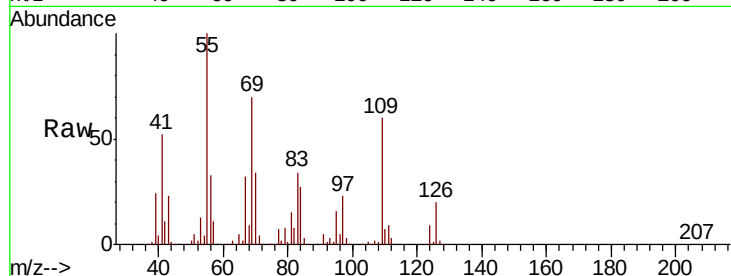




#61
 1,2-Dibromoethane
 Concen: 1.477 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.03 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

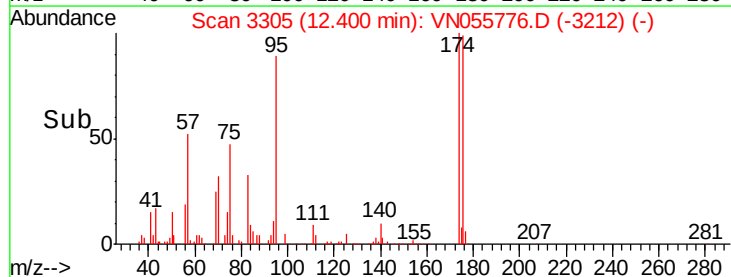
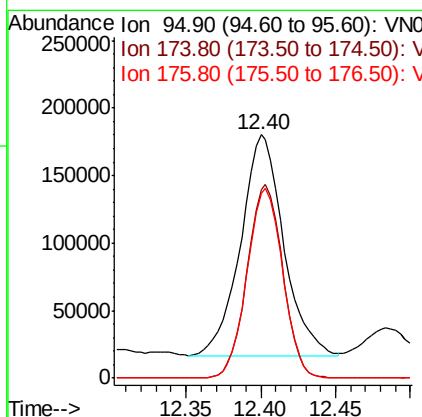
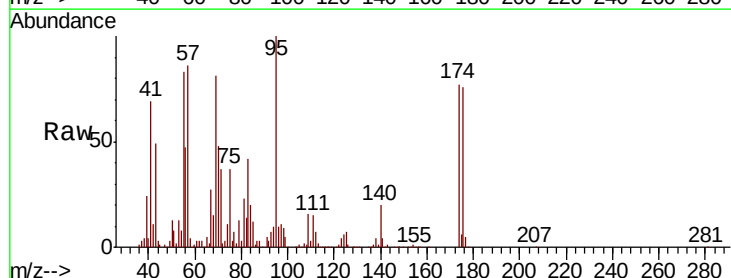
Instrument :
 MSVOA_N
 ClientSampled :
 P-3(4.5-5.0)

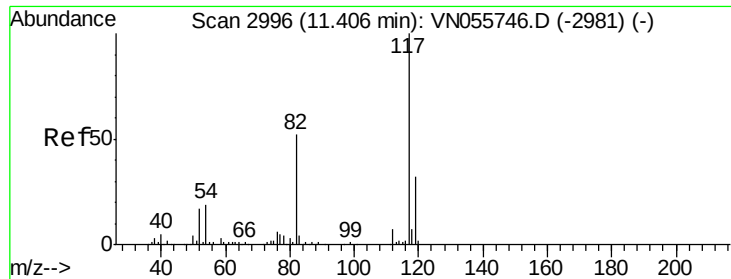
Tot Ion:107 Resp: 5795
 Ion Ratio Lower Upper
 107 100
 109 3938.3 74.8 112.2#



#62
 4-Bromofluorobenzene
 Concen: 68.596 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion: 95 Resp: 326002
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 191.0
 176 71.7 0.0 185.2

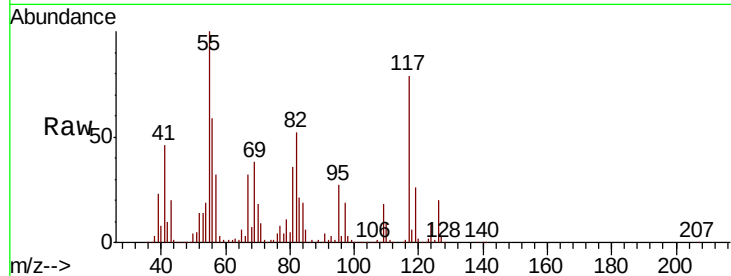




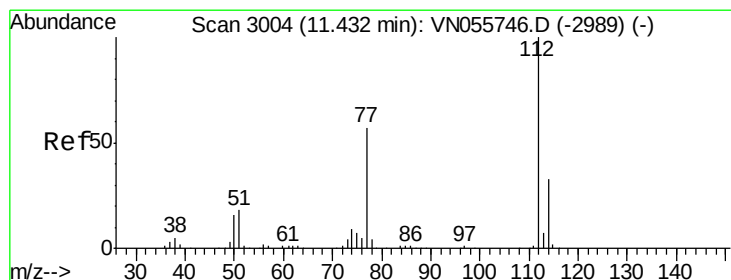
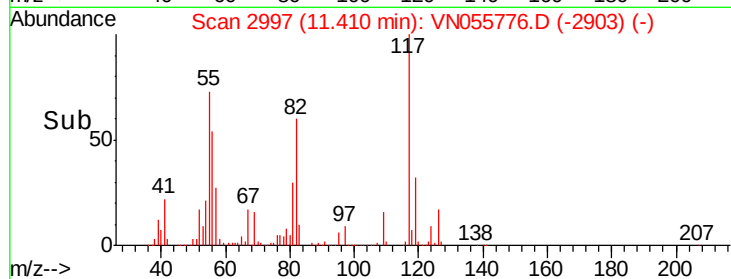
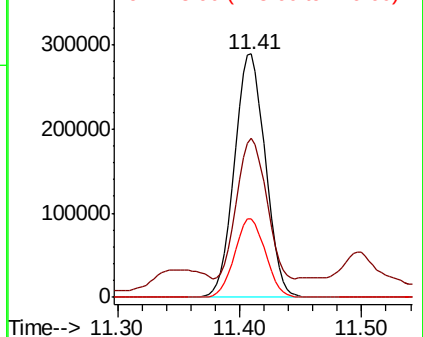
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

Instrument :
MSVOA_N
ClientSampleId :
P-3(4.5-5.0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.8	62.8
119	32.5	25.4	38.0

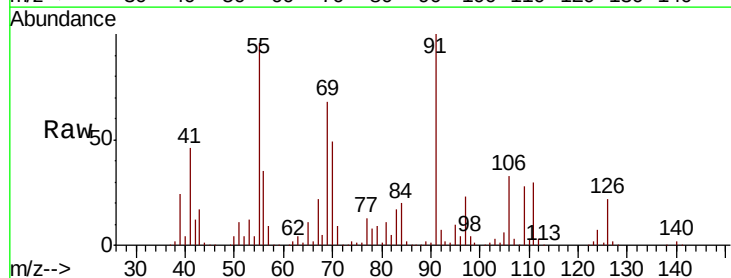


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

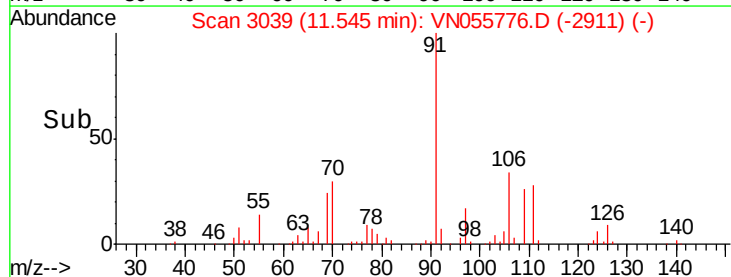
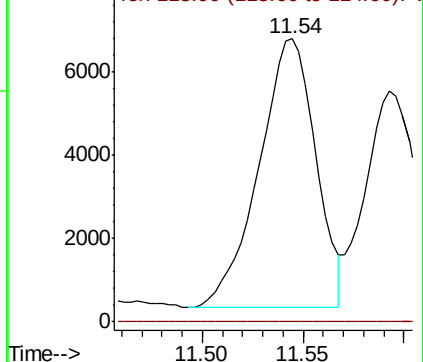


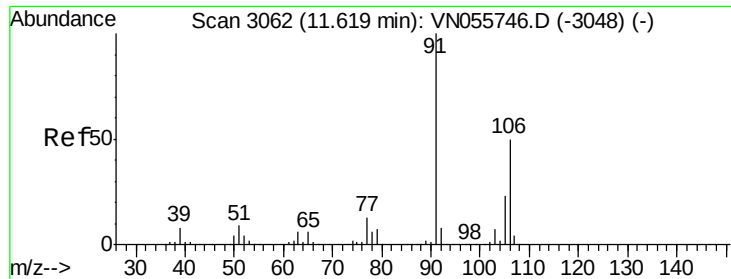
#65
Chlorobenzene
Concen: 1.242 ug/l
RT: 11.54 min Scan# 3039
Delta R.T. 0.11 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.2	39.4#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

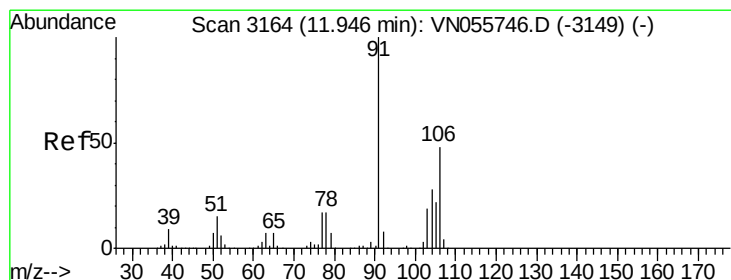
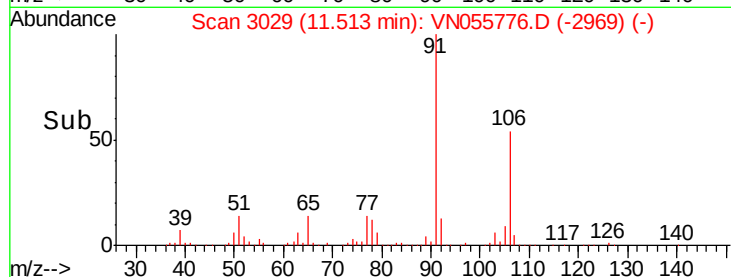
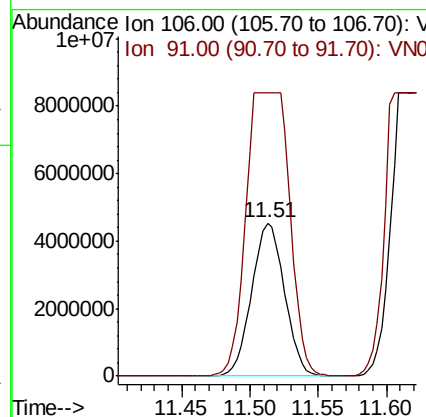
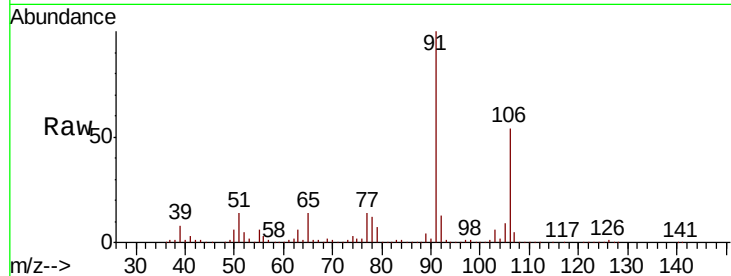




#68
m/p-Xylenes
Concen: 1102.823 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.11 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

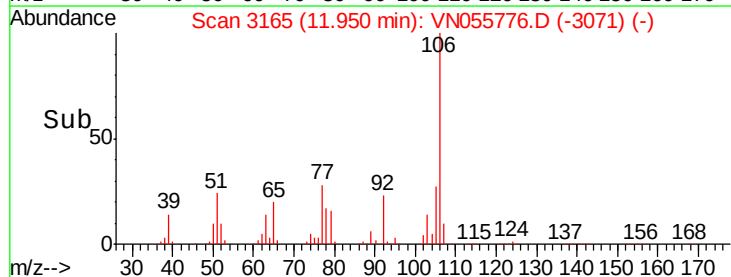
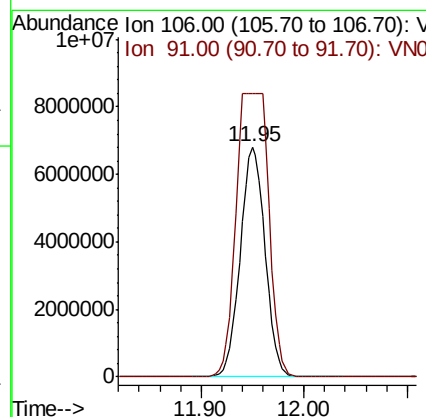
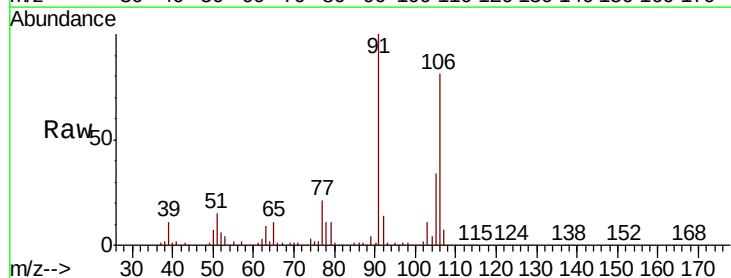
Instrument :
MSVOA_N
ClientSampleId :
P-3(4.5-5.0)

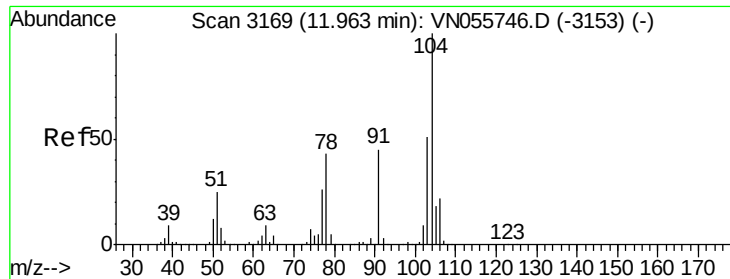
Tot Ion:106 Resp: 7580275
Ion Ratio Lower Upper
106 100
91 0.0 159.3 238.9#



#69
o-Xylene
Concen: 1669.380 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN055776.D
Acq: 24 May 2019 00:43

Tgt Ion:106 Resp:11384259
Ion Ratio Lower Upper
106 100
91 0.0 104.7 314.1#





#70

Stvrene

Concen: 49.654 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

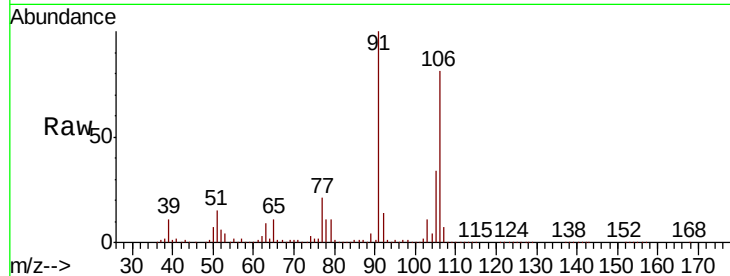
Tot Ion:104 Resp: 548350

Ion Ratio Lower Upper

104 100

78 276.0 37.8 56.6#

103 281.9 44.2 66.2#

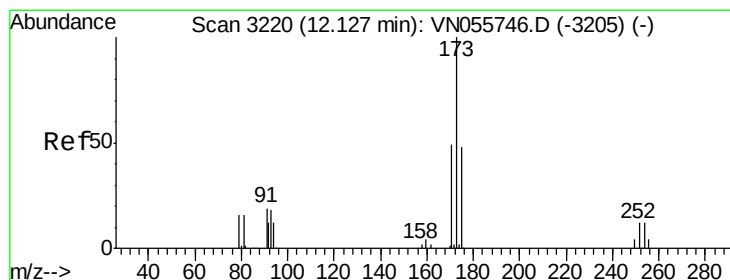
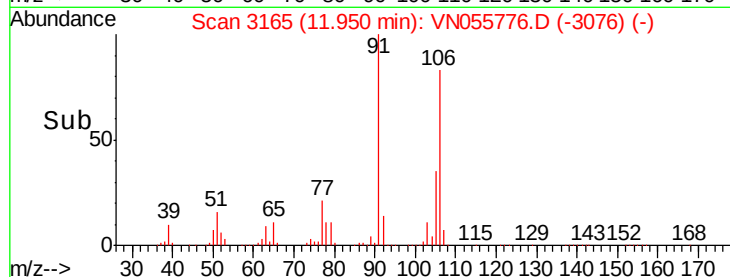
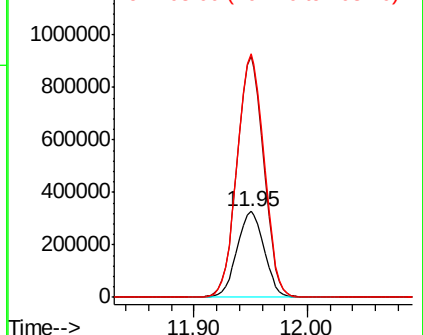


Abundance

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: 0.216 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

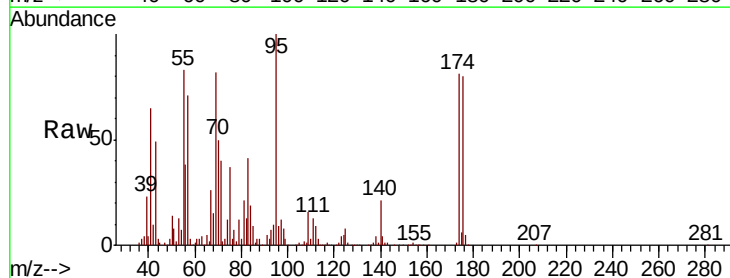
Tgt Ion:173 Resp: 746

Ion Ratio Lower Upper

173 100

175 2031.1 24.3 72.8#

254 0.0 0.0 0.0

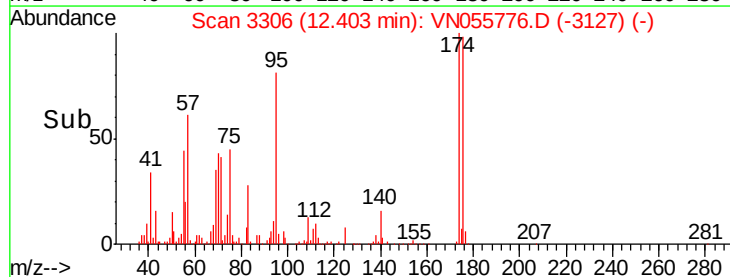
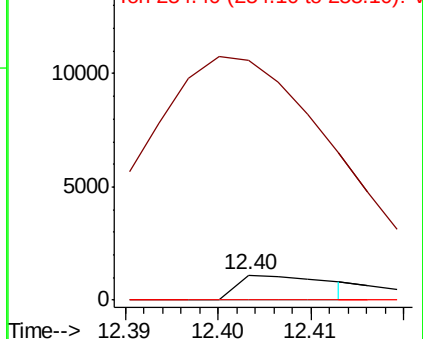


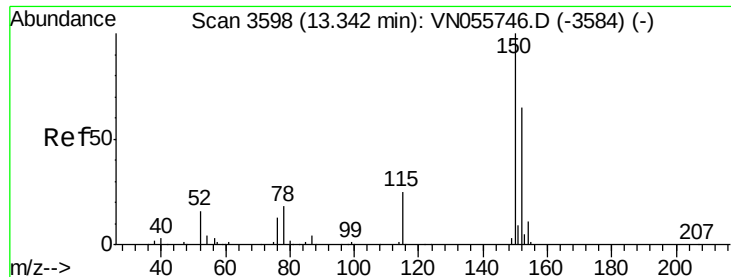
Abundance

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

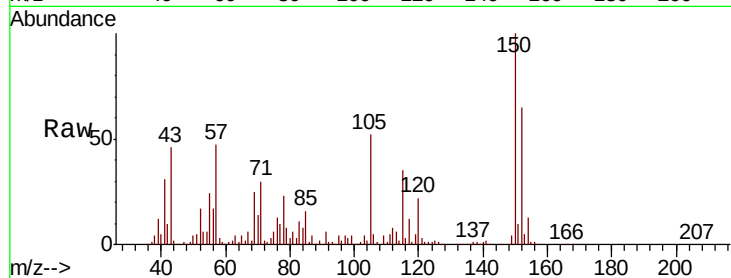
Tot Ion:152 Resp: 289920

Ion Ratio Lower Upper

152 100

115 42.5 27.0 81.0

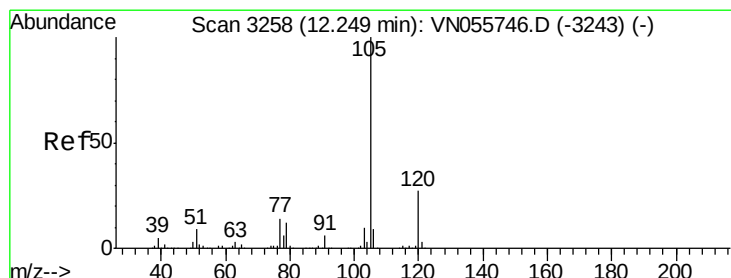
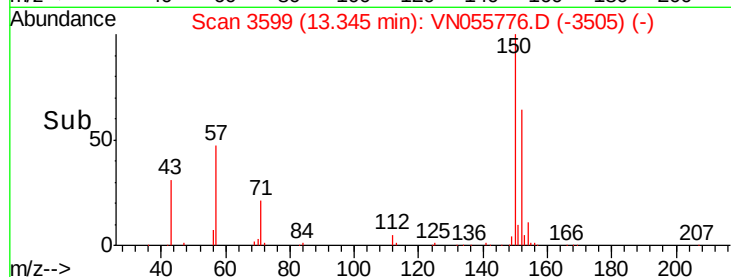
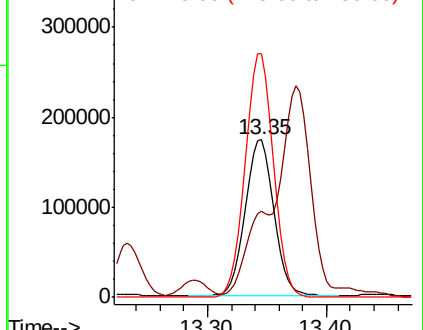
150 152.9 0.0 343.2



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: 296.823 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055776.D

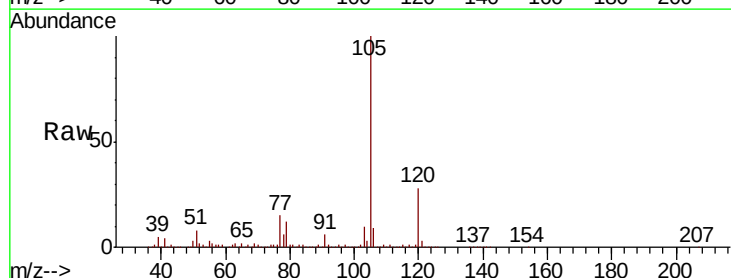
Acq: 24 May 2019 00:43

Tgt Ion:105 Resp: 5849896

Ion Ratio Lower Upper

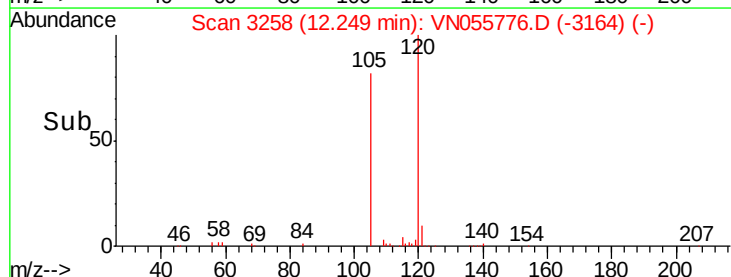
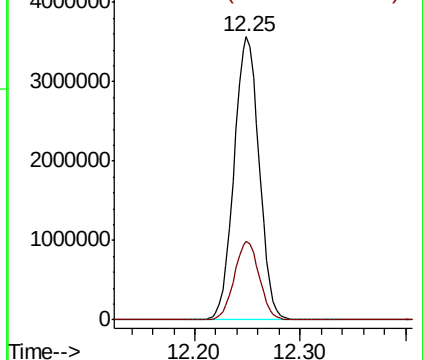
105 100

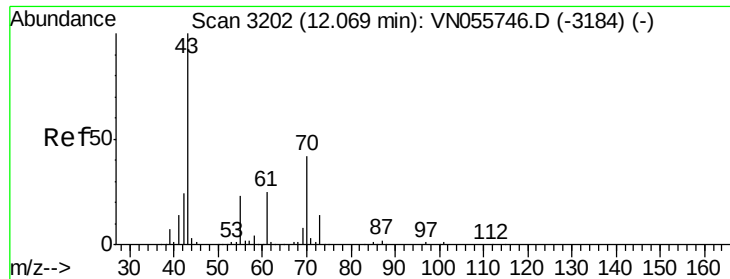
120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 36.201 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

Tot Ion: 43 Resp: 289146

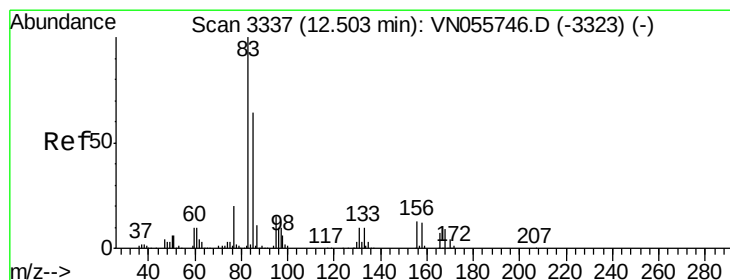
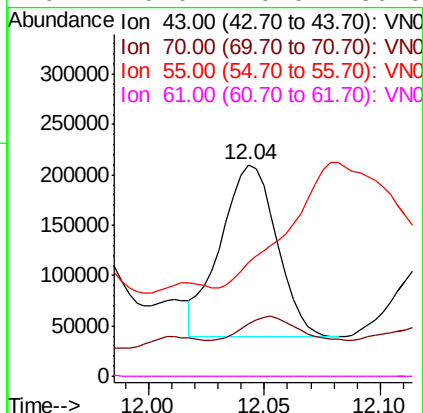
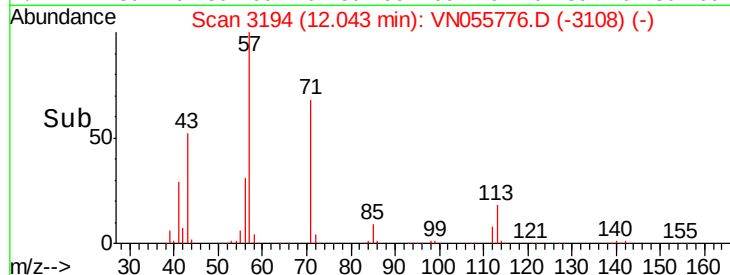
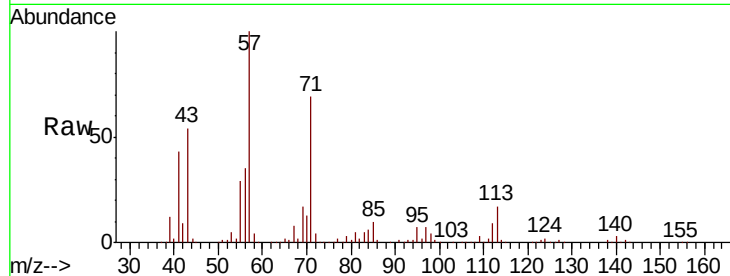
Ion Ratio Lower Upper

43 100

70 14.7 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

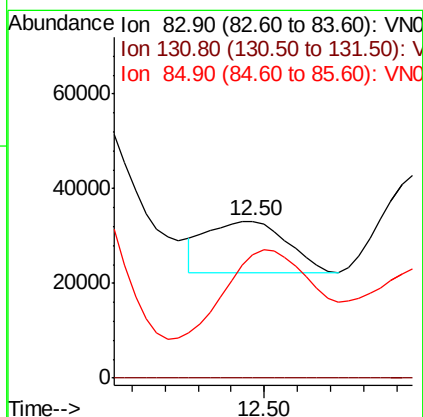
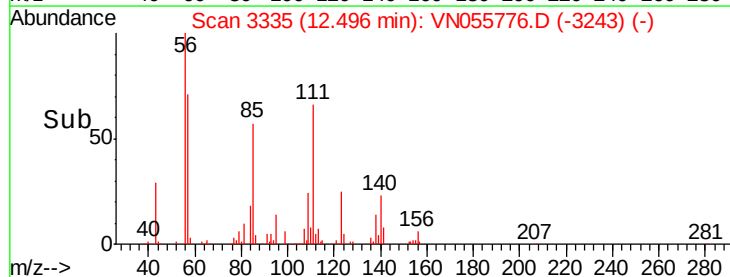
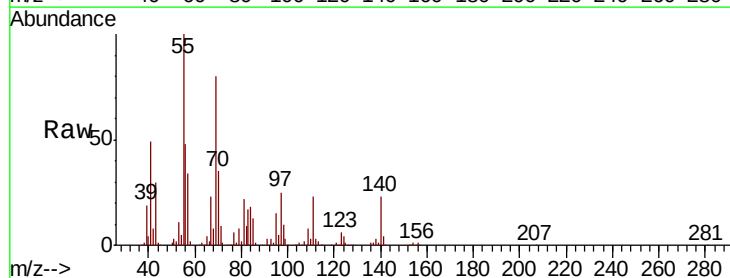
Tgt Ion: 83 Resp: 18337

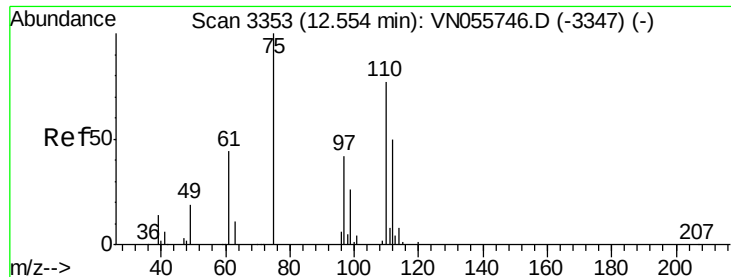
Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 184.5 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 6.809 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

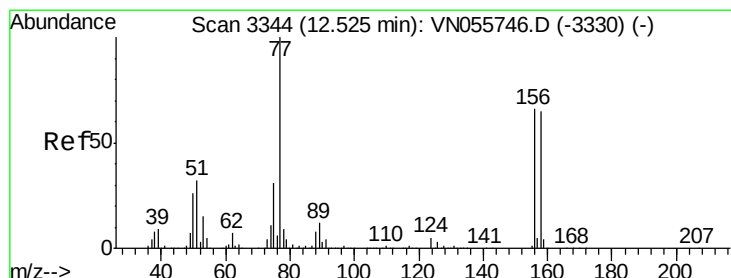
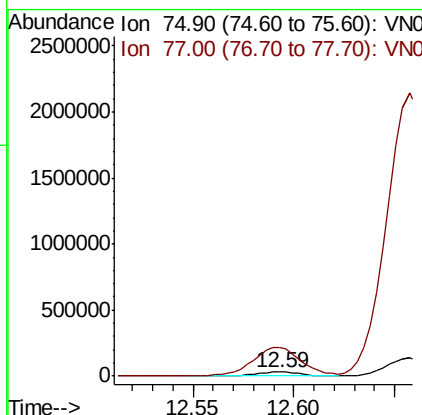
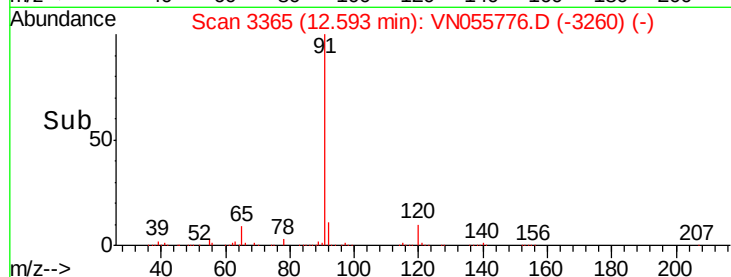
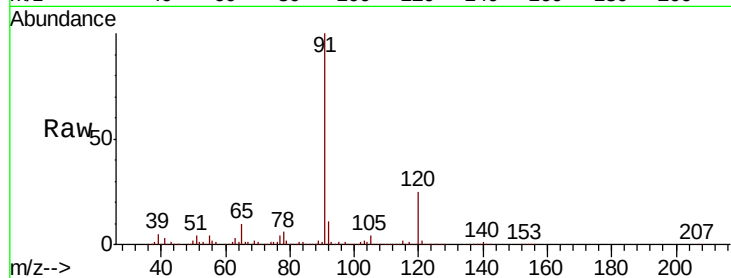
P-3(4.5-5.0)

Tot Ion: 75 Resp: 47572

Ion Ratio Lower Upper

75 100

77 724.5 0.0 0.0#



#77

Bromobenzene

Concen: 2.980 ug/l

RT: 12.54 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

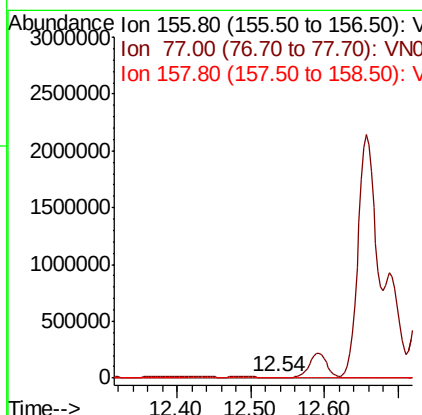
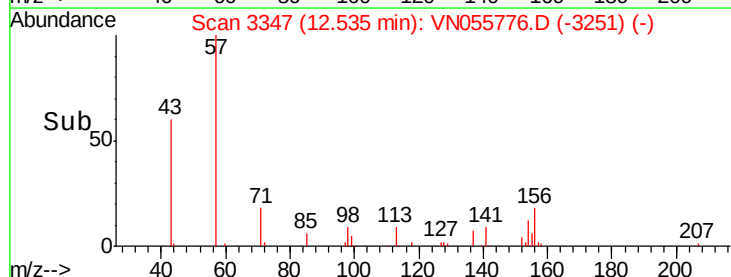
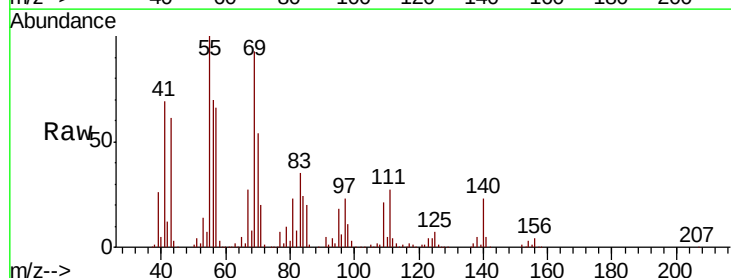
Tgt Ion: 156 Resp: 18439

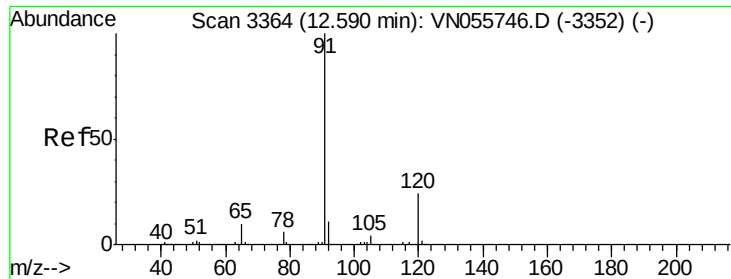
Ion Ratio Lower Upper

156 100

77 0.0 90.8 272.5#

158 1.4 49.3 147.8#





#78

n-propylbenzene

Concen: 363.898 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

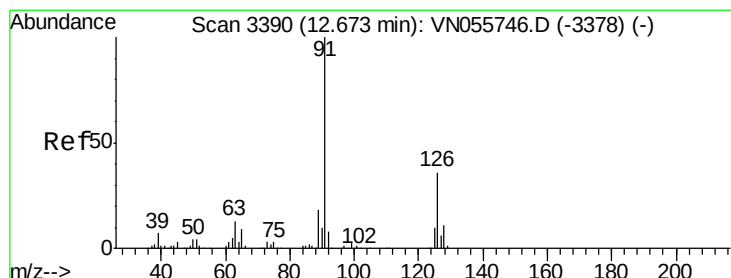
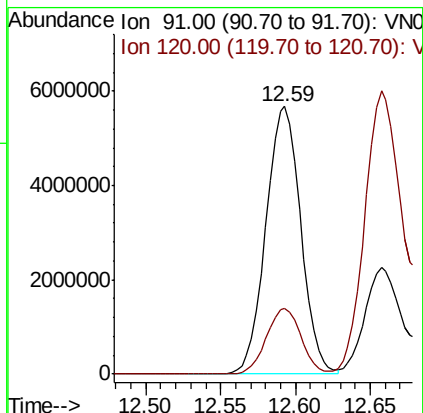
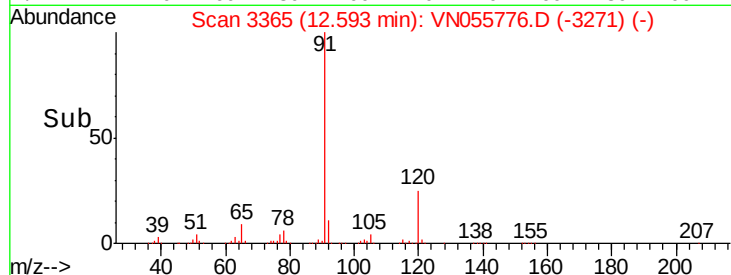
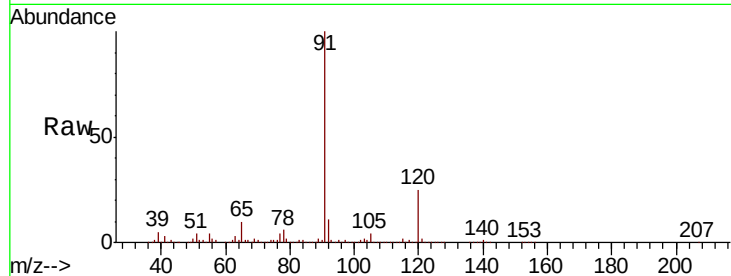
P-3(4.5-5.0)

Tot Ion: 91 Resp: 9169520

Ion Ratio Lower Upper

91 100

120 24.6 12.0 36.0



#79

2-Chlorotoluene

Concen: 271.939 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055776.D

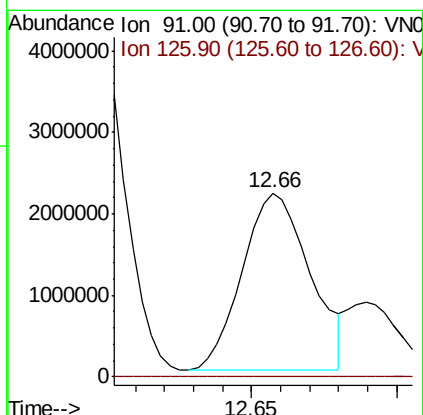
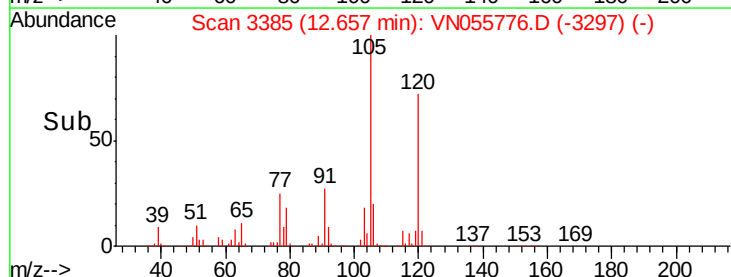
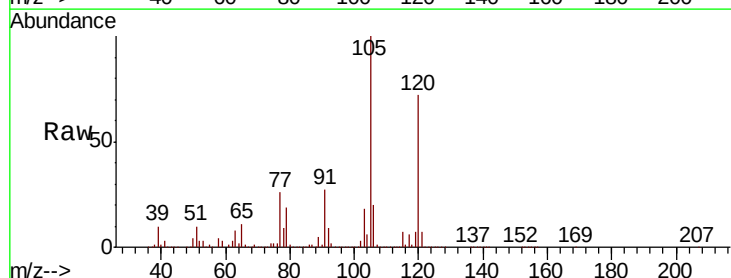
Acq: 24 May 2019 00:43

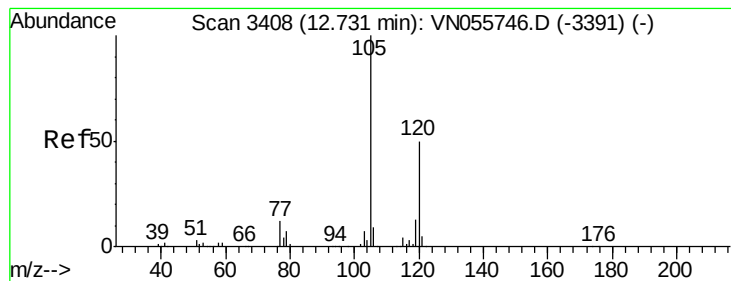
Tgt Ion: 91 Resp: 3537383

Ion Ratio Lower Upper

91 100

126 0.1 18.1 54.4#





#80

1,3,5-Trimethylbenzene

Concen: 805.625 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

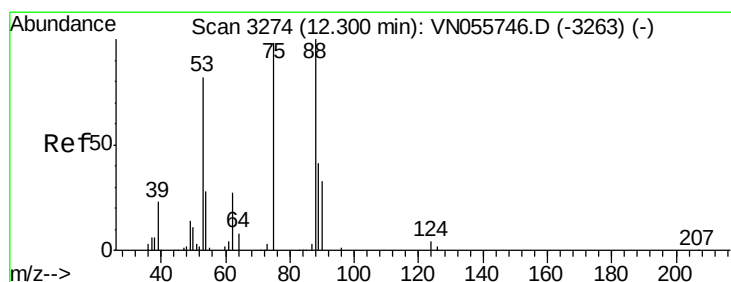
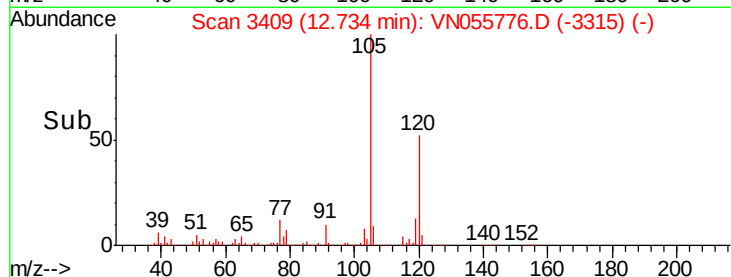
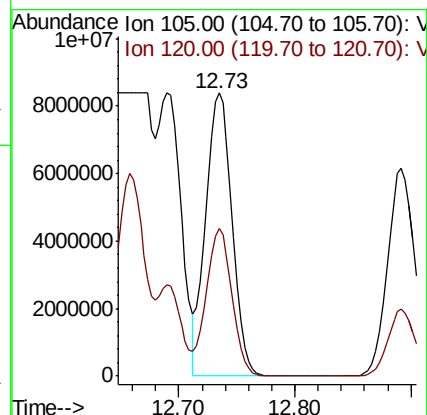
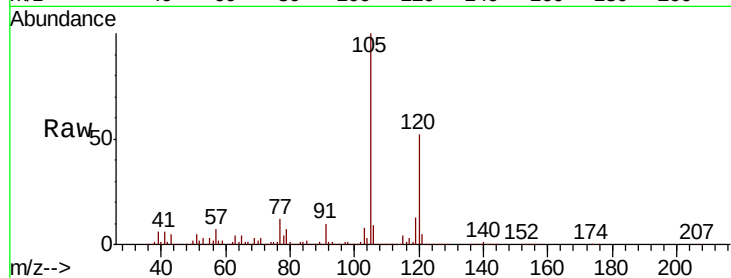
P-3(4.5-5.0)

Tot Ion:105 Resp:13313346

Ion Ratio Lower Upper

105 100

120 50.9 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 26.219 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

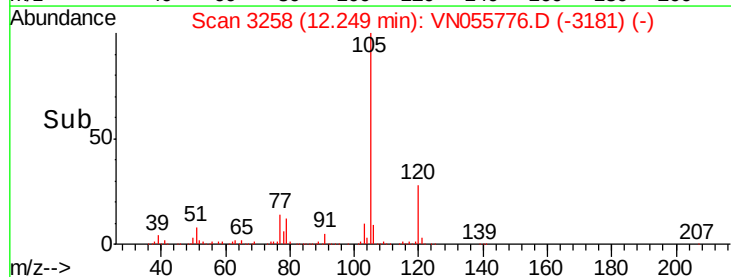
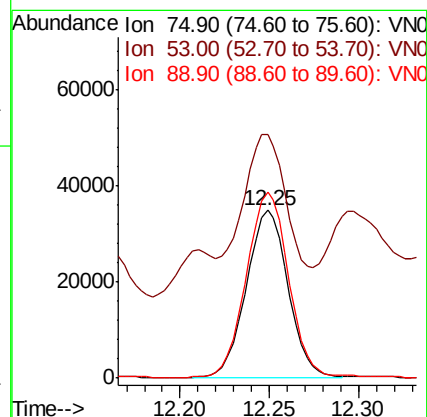
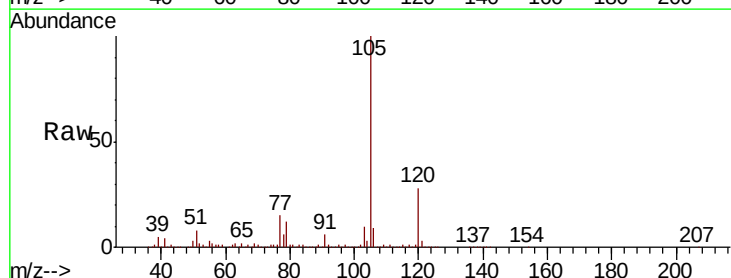
Tgt Ion: 75 Resp: 56496

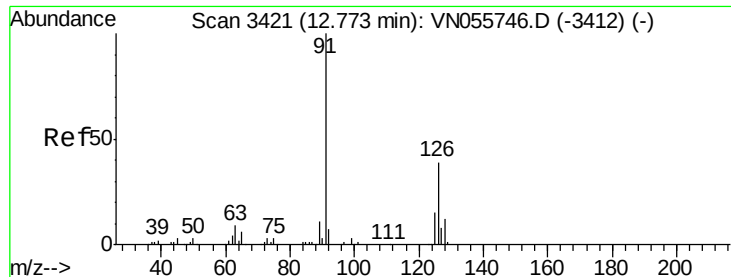
Ion Ratio Lower Upper

75 100

53 76.6 68.1 102.1

89 113.1 36.9 55.3#





#82

4-Chlorotoluene

Concen: 88.044 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

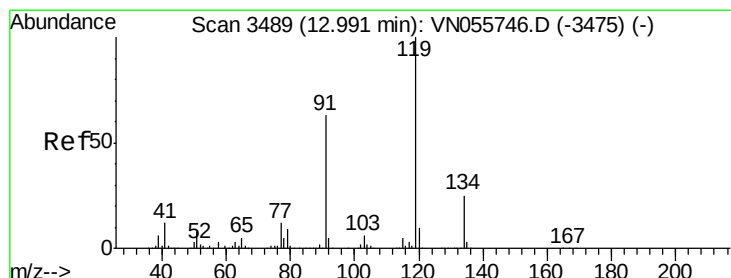
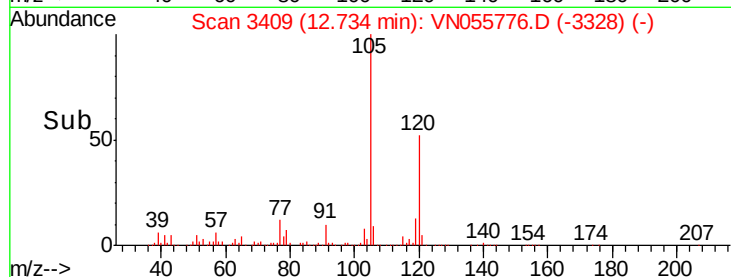
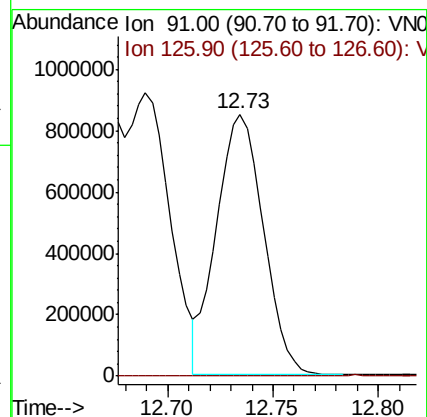
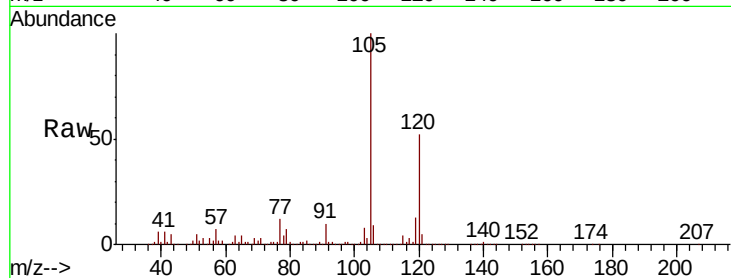
P-3(4.5-5.0)

Tot Ion: 91 Resp: 1304109

Ion Ratio Lower Upper

91 100

126 0.2 17.8 53.3#



#83

tert-Butylbenzene

Concen: 376.105 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

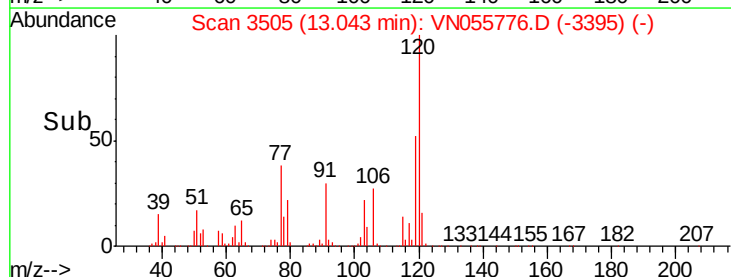
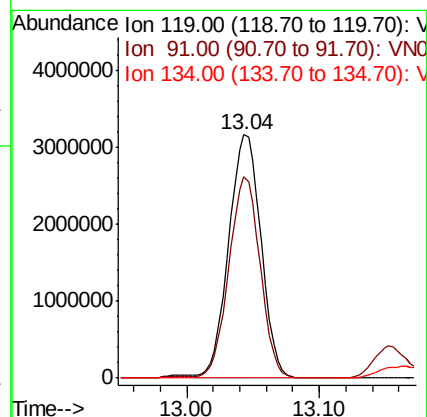
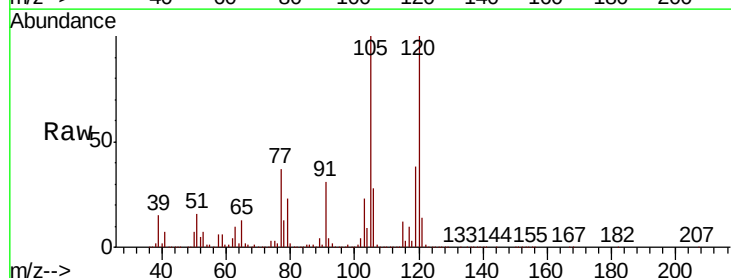
Tgt Ion: 119 Resp: 5347379

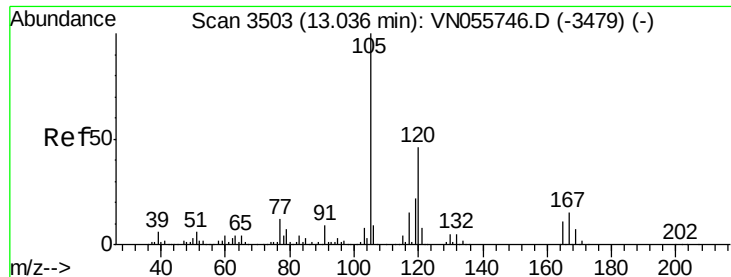
Ion Ratio Lower Upper

119 100

91 79.3 30.9 92.8

134 0.0 13.3 39.8#

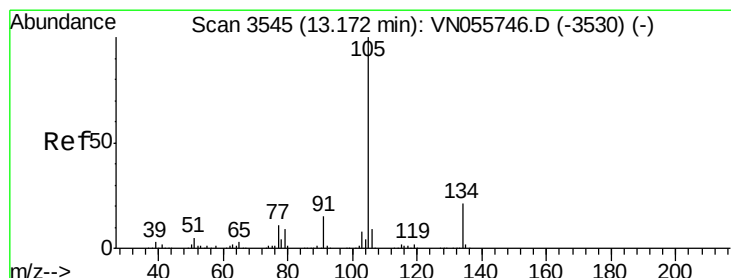
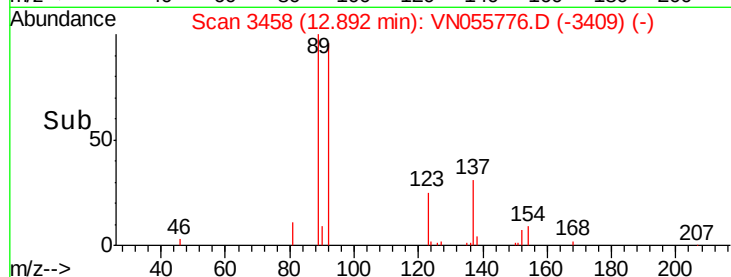
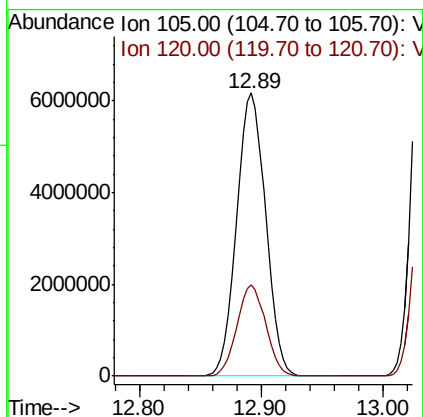
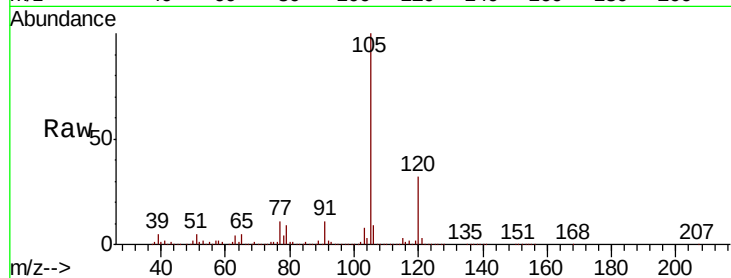




#84
 1,2,4-Trimethylbenzene
 Concen: 609.326 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.14 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

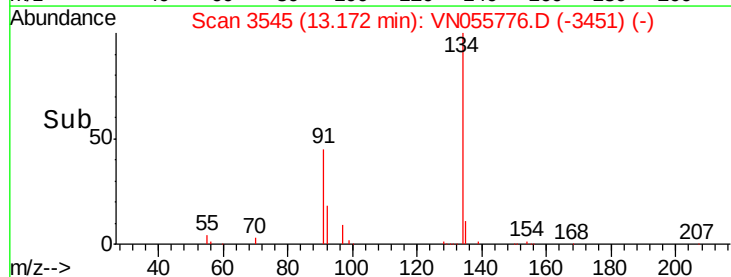
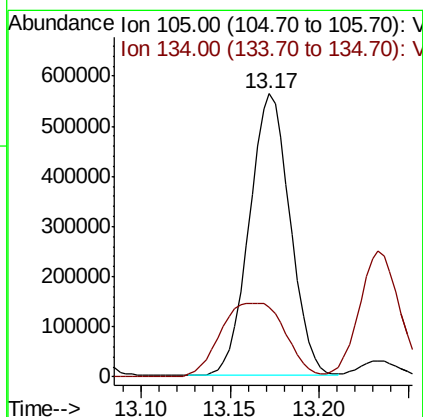
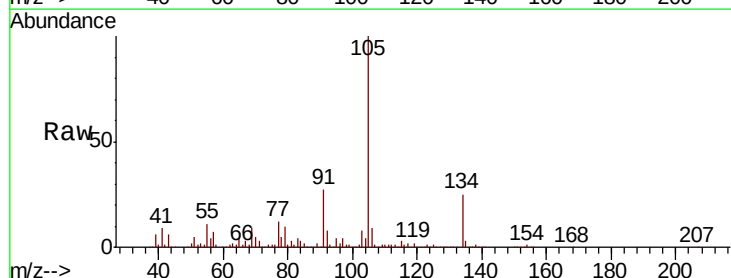
Instrument :
 MSVOA_N
 ClientSampleId :
 P-3(4.5-5.0)

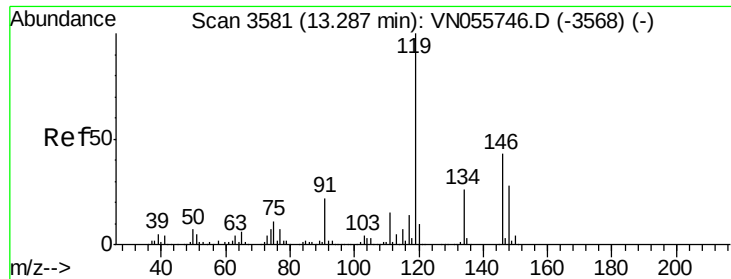
Tot Ion:105 Resp:10106160
 Ion Ratio Lower Upper
 105 100
 120 32.0 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 45.778 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion:105 Resp: 897323
 Ion Ratio Lower Upper
 105 100
 134 41.2 10.4 31.2#

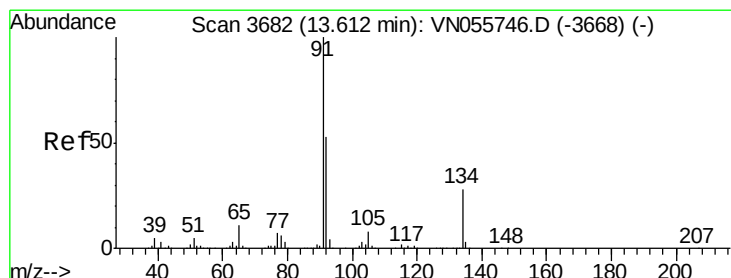
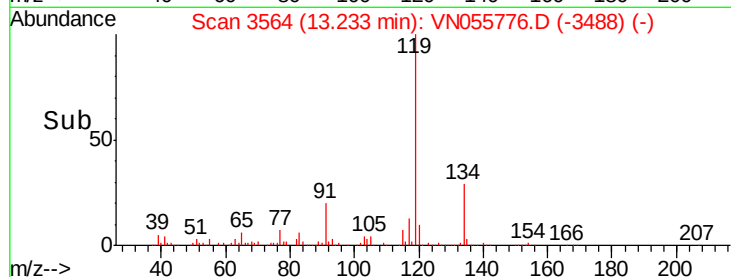
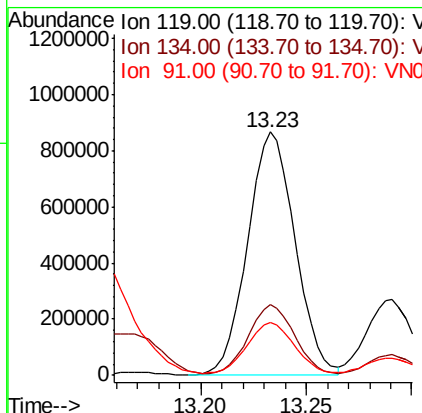
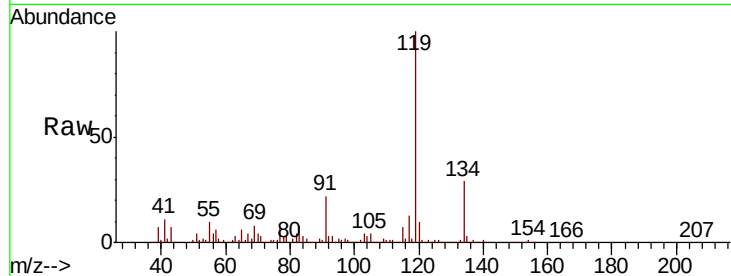




#86
 p-Isopropyltoluene
 Concen: 67.064 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

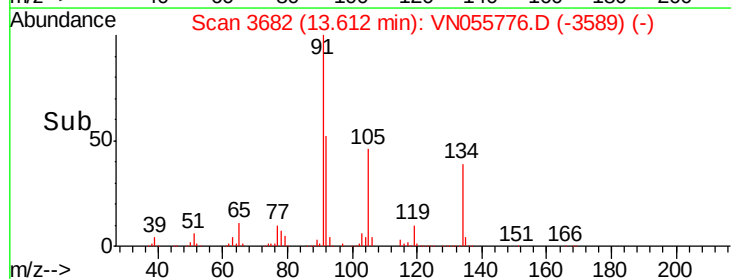
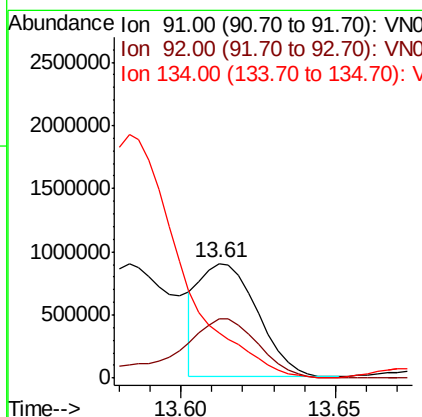
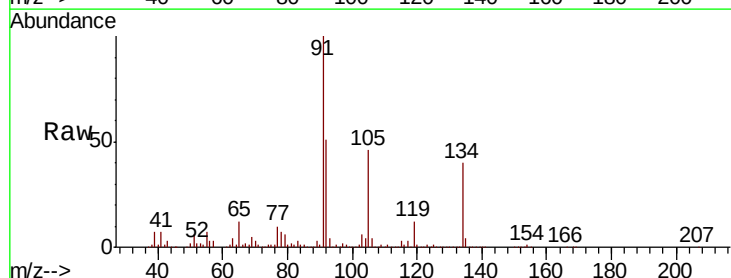
Instrument :
 MSVOA_N
 ClientSampled :
 P-3(4.5-5.0)

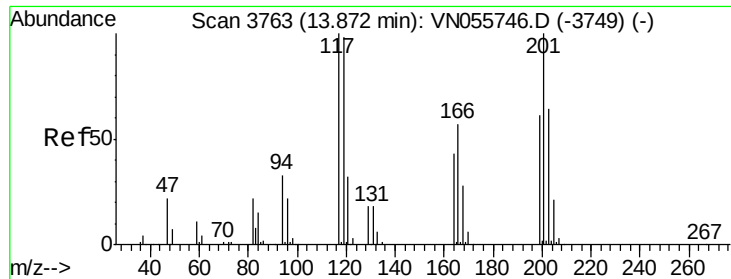
Tot Ion:119 Resp: 1350261
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.4 40.1
 91 20.4 10.9 32.9



#89
 n-Butylbenzene
 Concen: 76.017 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion: 91 Resp: 1172690
 Ion Ratio Lower Upper
 91 100
 92 75.1 26.4 79.0
 134 0.0 13.9 41.7#





#90

Hexachloroethane

Concen: 162.164 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampleId :

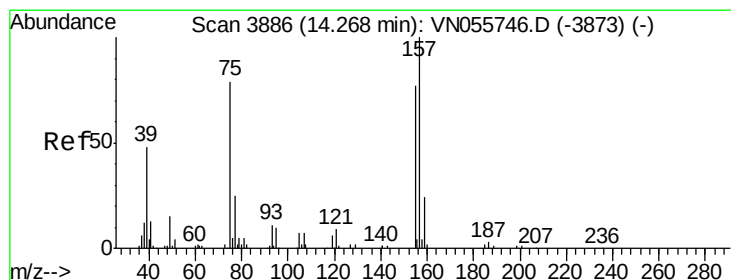
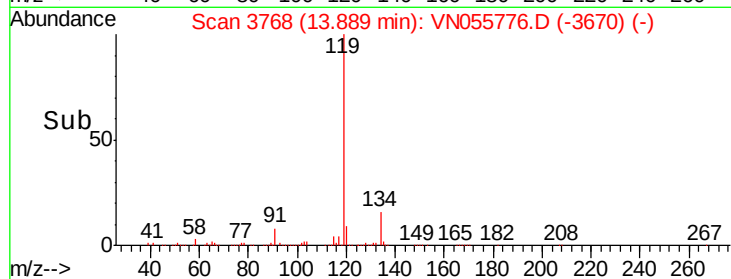
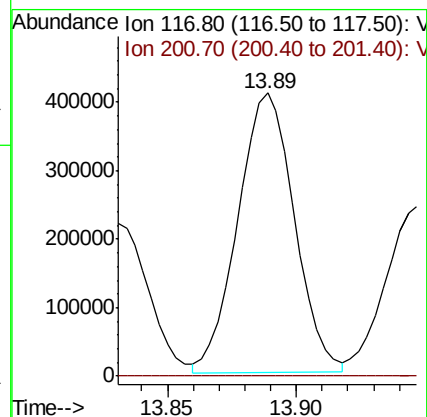
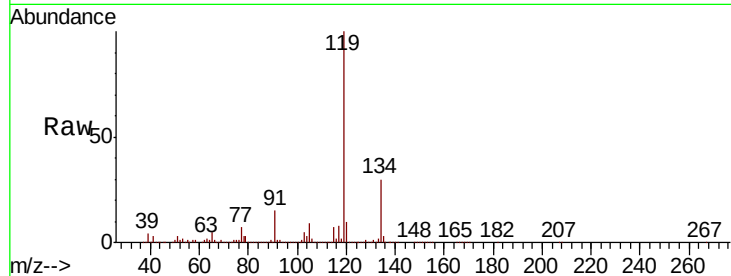
P-3(4.5-5.0)

Tot Ion:117 Resp: 621456

Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.210 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

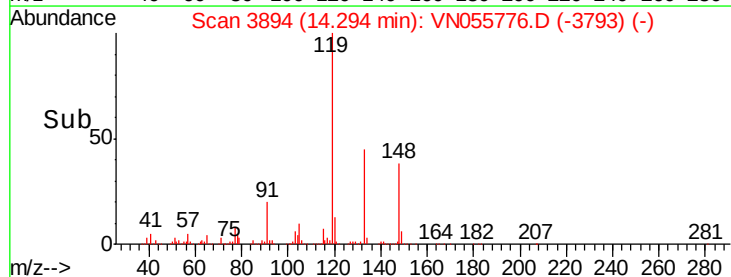
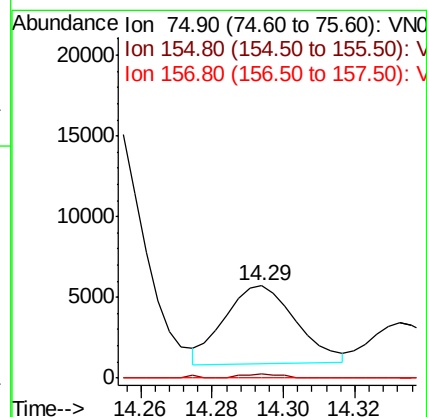
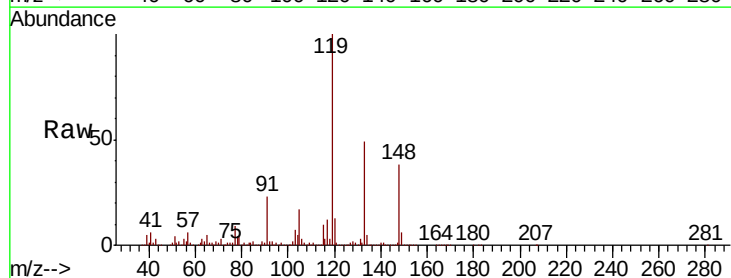
Tgt Ion: 75 Resp: 6693

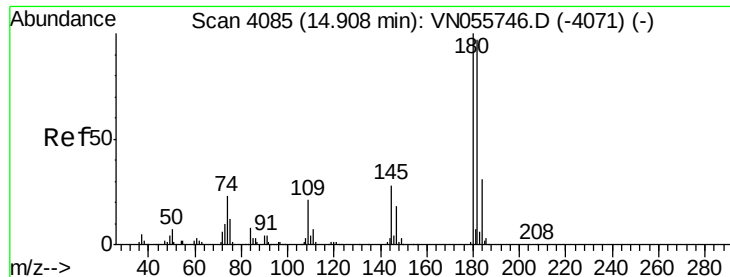
Ion Ratio Lower Upper

75 100

155 2.9 50.0 150.1#

157 0.0 64.8 194.3#

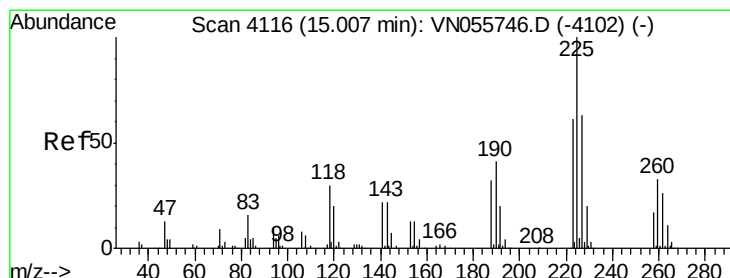
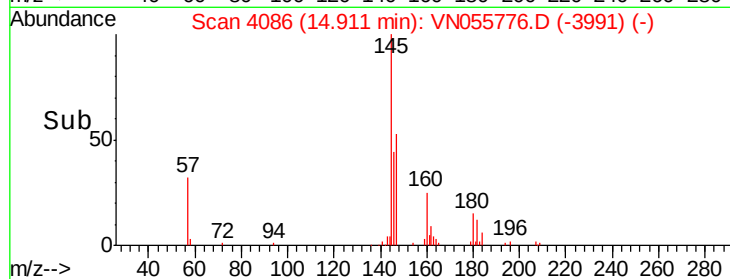
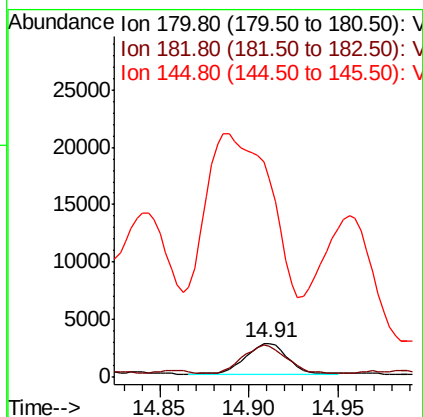
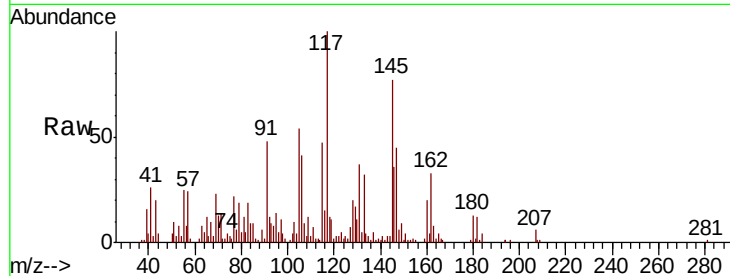




#93
 1,2,4-Trichlorobenzene
 Concen: 4.403 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

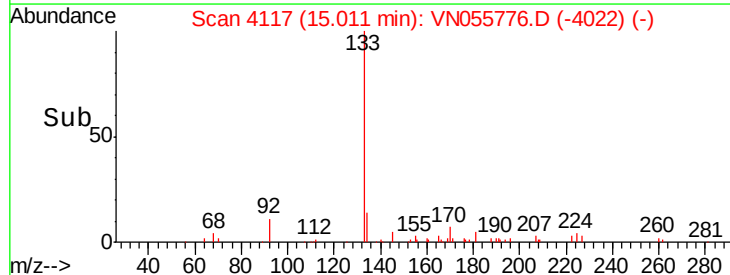
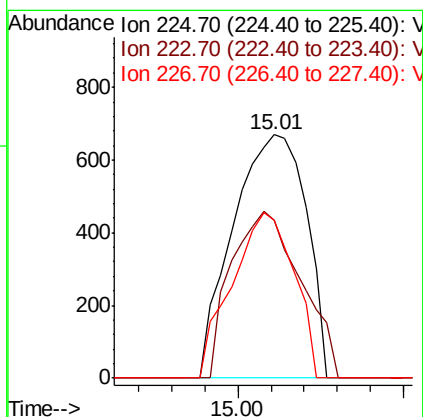
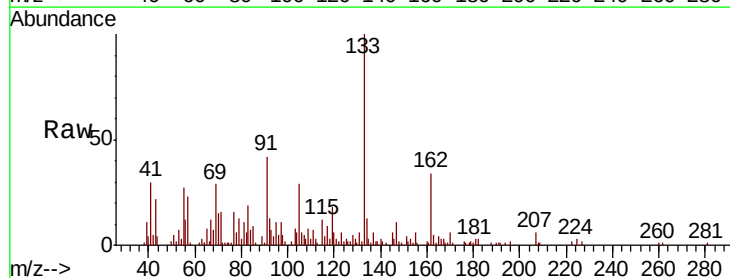
Instrument :
 MSVOA_N
 ClientSampleId :
 P-3(4.5-5.0)

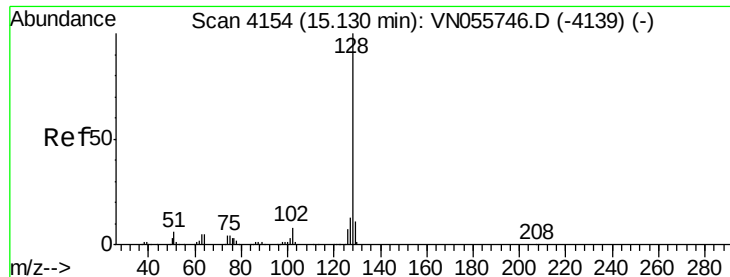
Tot Ion:180 Resp: 4646
 Ion Ratio Lower Upper
 180 100
 182 89.1 48.3 144.9
 145 0.0 14.0 41.9#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055776.D
 Acq: 24 May 2019 00:43

Tgt Ion:225 Resp: 1028
 Ion Ratio Lower Upper
 225 100
 223 65.3 30.9 92.7
 227 57.6 31.6 94.7





#95

Naphthalene

Concen: 426.116 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

Instrument :

MSVOA_N

ClientSampled :

P-3(4.5-5.0)

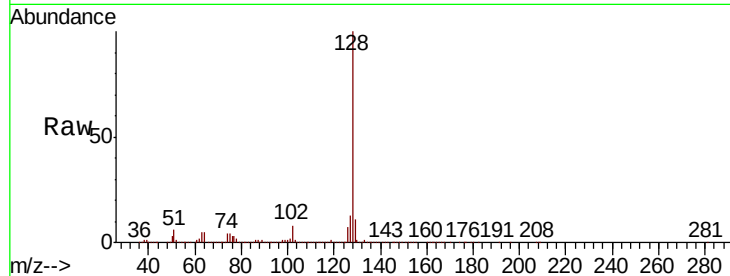
Tot Ion:128 Resp: 5714814

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

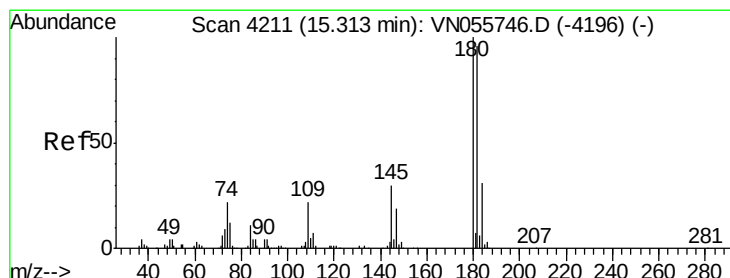
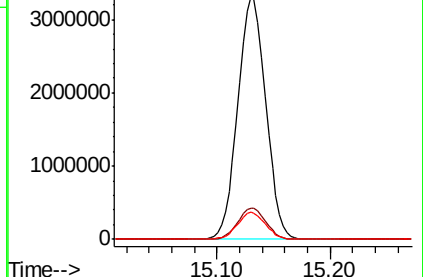
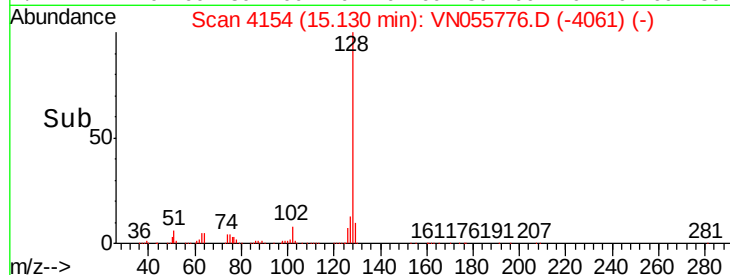
129 11.0 8.7 13.1



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: 0.922 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055776.D

Acq: 24 May 2019 00:43

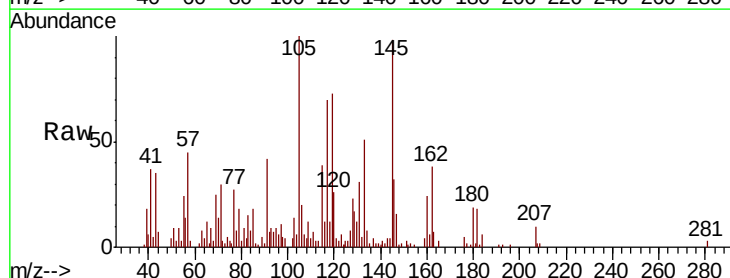
Tgt Ion:180 Resp: 4765

Ion Ratio Lower Upper

180 100

182 104.1 47.9 143.7

145 0.0 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

