

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059896.D
 Acq On : 28 Jan 2020 14:42
 Operator : JC/MD
 Sample : L1267-03 500X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 28 22:23:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106730	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
35) Dibromofluoromethane	7.56	113	92582	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	10.08	98	359982	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	120475	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	96	0.246	ug/l #	72
16) Acetone	3.79	43	2434	Below Cal		97
17) Carbon Disulfide	4.04	76	1128	0.208	ug/l #	75
18) Methyl Acetate	4.30	43	578	0.214	ug/l #	54
20) Methylene Chloride	4.53	84	471	Below Cal	#	70
31) Cyclohexane	7.64	56	4283	1.250	ug/l #	16
36) 1,1-Dichloropropene	7.64	75	13912	5.161	ug/l #	49
38) Carbon Tetrachloride	7.64	117	19394	6.614	ug/l #	15
39) Methylcyclohexane	9.06	83	2457	0.739	ug/l #	84
40) Benzene	8.02	78	3704	0.461	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	782	0.311	ug/l #	38
52) Toluene	10.14	92	16311	3.212	ug/l	96
55) 1,1,2-Trichloroethane	10.52	97	4074	2.026	ug/l #	18
56) Ethyl methacrylate	10.42	69	743	0.242	ug/l #	3
59) 2-Hexanone	10.71	43	2442	1.319	ug/l #	26
67) Ethyl Benzene	11.50	91	70874	7.407	ug/l	98
68) m/p-Xylenes	11.61	106	116100	32.123	ug/l	93
69) o-Xylene	11.94	106	70118	19.816	ug/l	95
70) Styrene	11.94	104	3902	0.659	ug/l #	1
71) Bromoform	12.39	173	340	0.208	ug/l #	1
73) Isopropylbenzene	12.24	105	37900	4.221	ug/l	100
74) N-amyl acetate	12.04	43	7886	2.264	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.55	83	3227	1.240	ug/l #	26
76) 1,2,3-Trichloropropane	12.65	75	3709	1.800	ug/l #	100
77) Bromobenzene	12.52	156	1099	0.483	ug/l #	1
78) n-propylbenzene	12.59	91	136886	13.584	ug/l	97
79) 2-Chlorotoluene	12.65	91	49499	8.257	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	187021	24.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	61351	63.951	ug/l #	11
82) 4-Chlorotoluene	12.73	91	19400	3.226	ug/l #	44
83) tert-Butylbenzene	13.04	119	98335	15.058	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.03	105	806444	107.959	ug/l	98
85) sec-Butylbenzene	13.17	105	80157	9.342	ug/l	87
86) p-Isopropyltoluene	13.28	119	53533	6.743	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
Data File : VN059896.D
Acq On : 28 Jan 2020 14:42
Operator : JC/MD
Sample : L1267-03 500X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 28 22:23:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

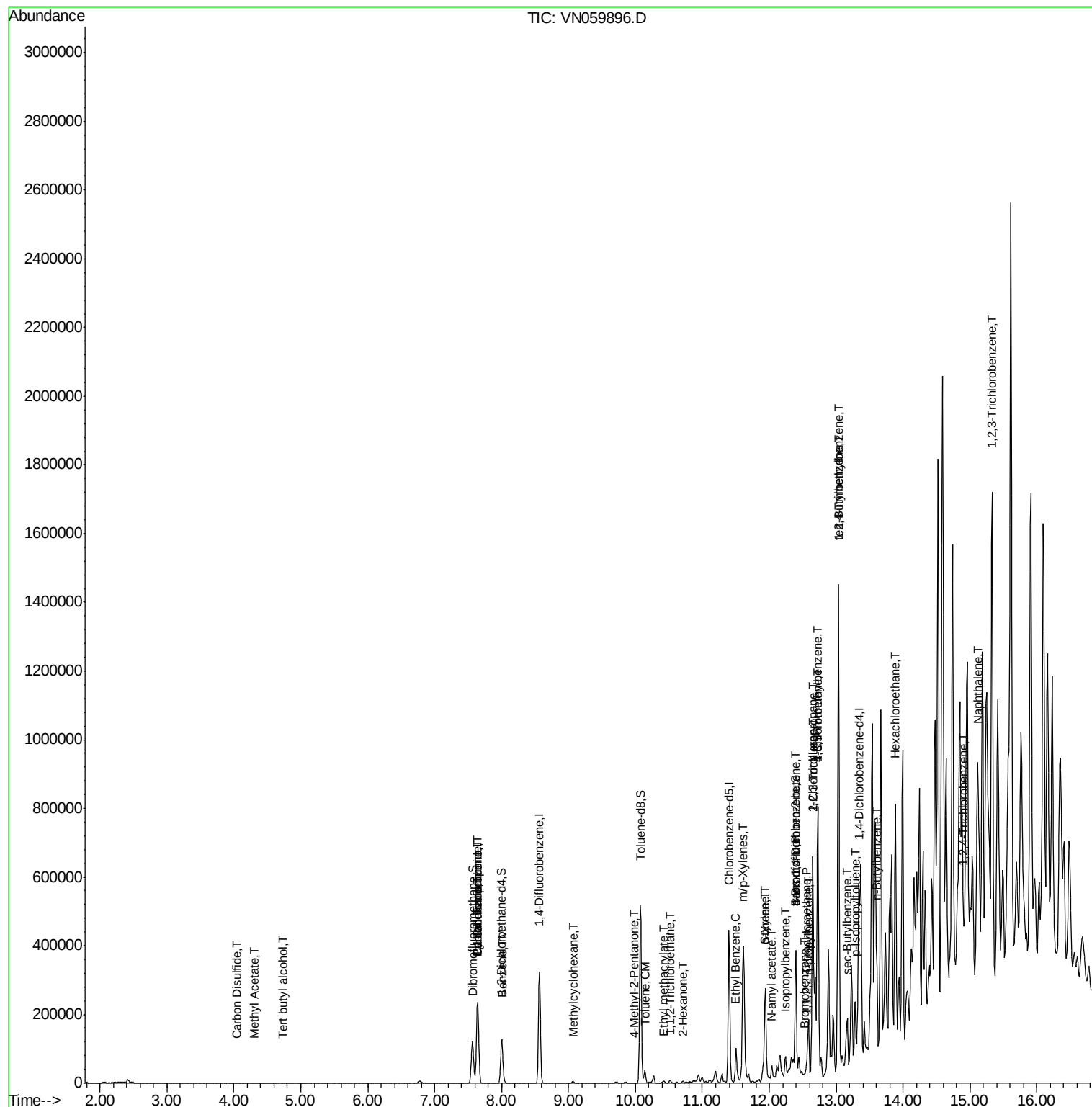
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	112133	16.566	uq/l #	78
90) Hexachloroethane	13.89	117	31161	20.979	uq/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.29	75	951	Below Cal	#	24
93) 1,2,4-Trichlorobenzene	14.91	180	1587	0.676	uq/l #	51
95) Naphthalene	15.13	128	243977	36.561	uq/l #	95
96) 1,2,3-Trichlorobenzene	15.33	180	4381	1.918	uq/l #	1

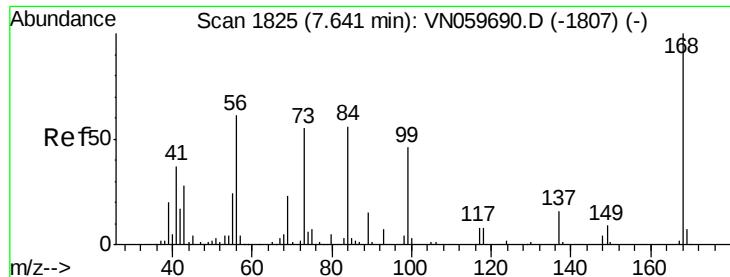
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012820\
Data File : VN059896.D
Acq On : 28 Jan 2020 14:42
Operator : JC/MD
Sample : L1267-03 500X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 28 22:23:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

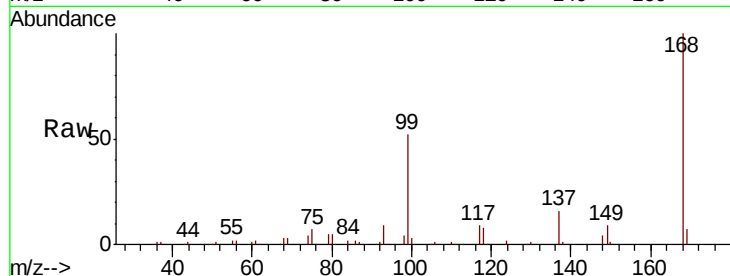
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 208561

Ion Ratio Lower Upper

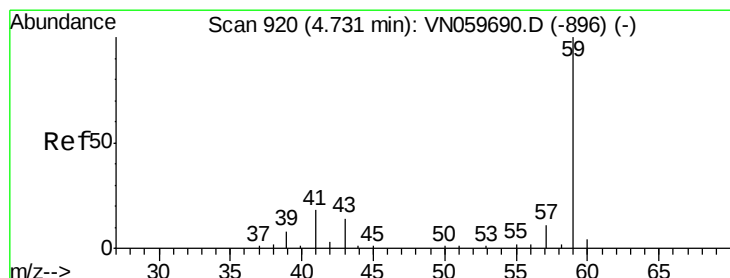
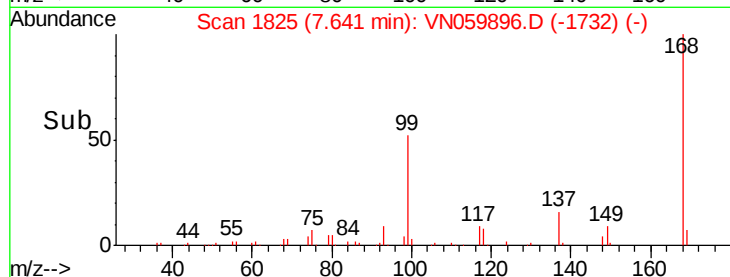
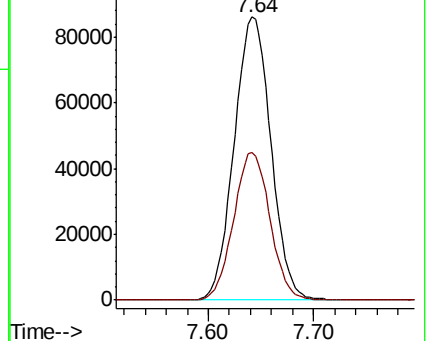
168 100

99 52.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.246 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN059896.D

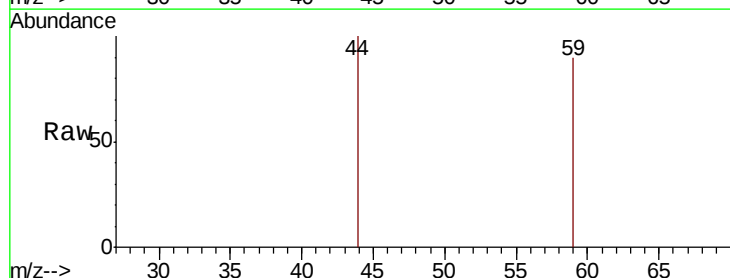
Acq: 28 Jan 2020 14:42

Tgt Ion: 59 Resp: 96

Ion Ratio Lower Upper

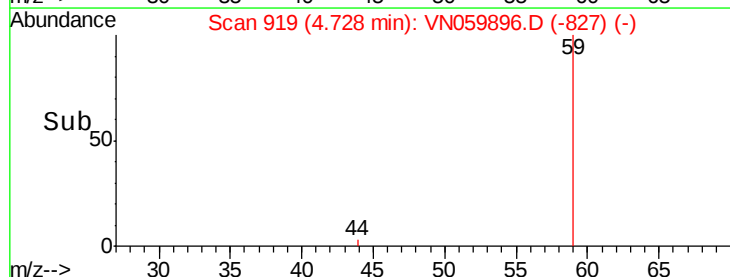
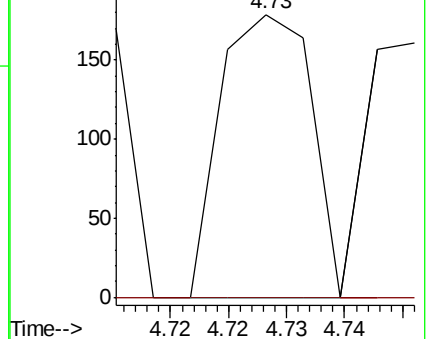
59 100

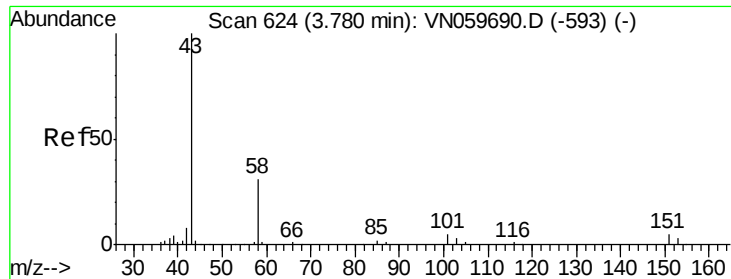
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

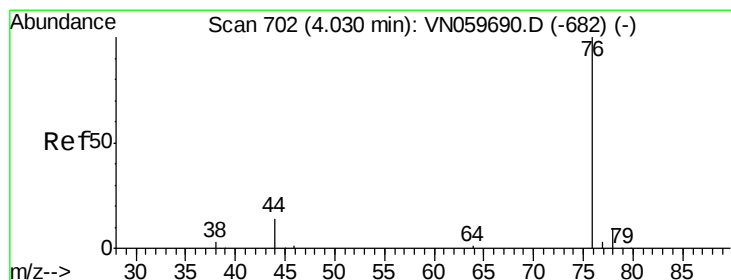
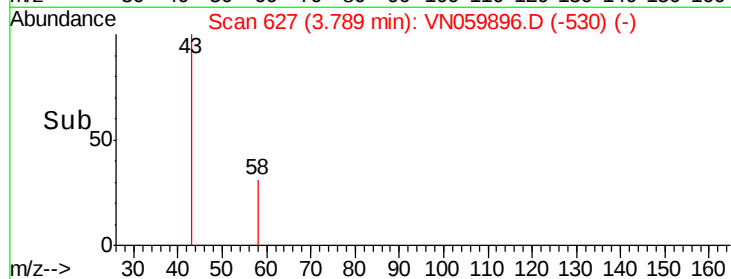
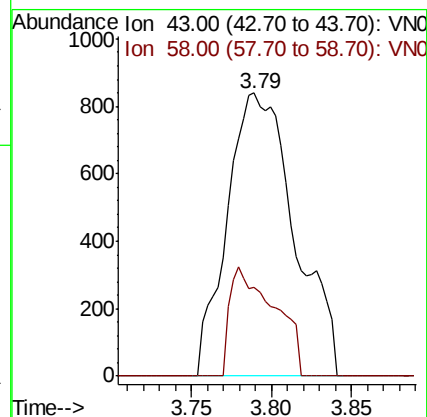
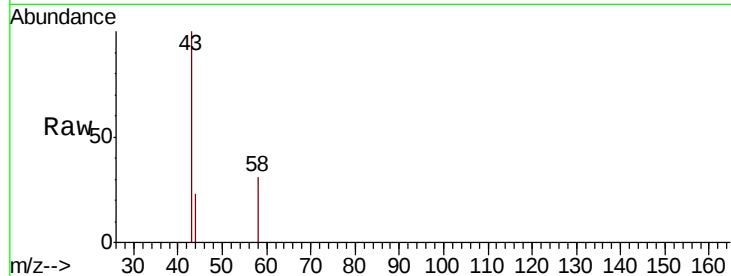




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

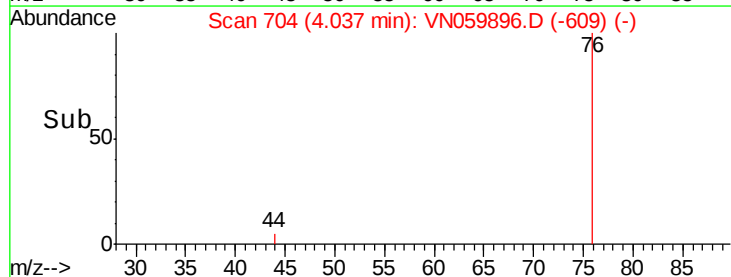
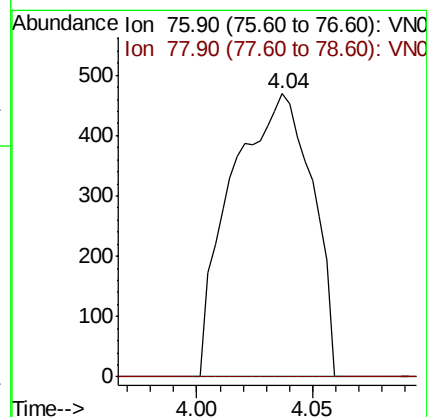
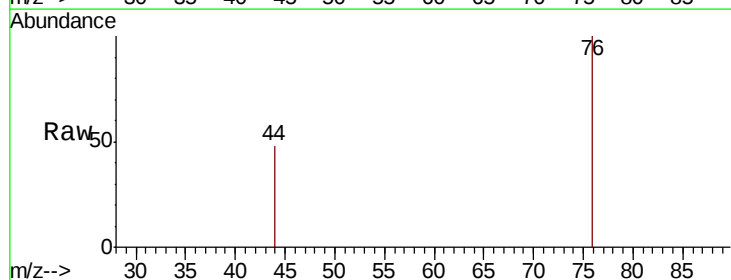
Instrument :
MSVOA_N
ClientSampleId :

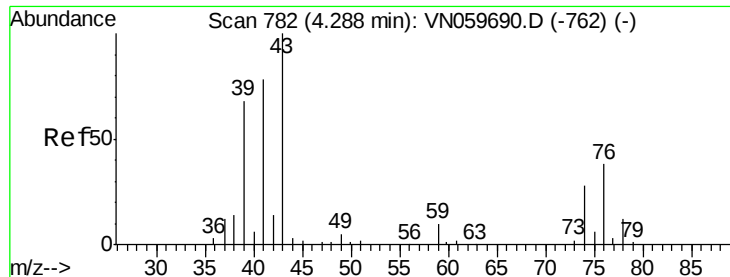
Tot Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
58 31.3 23.6 35.4



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 76 Resp: 1128
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

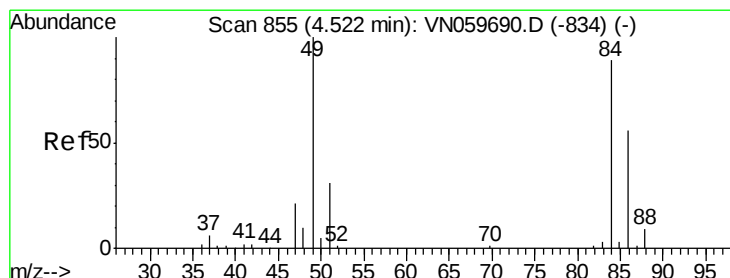
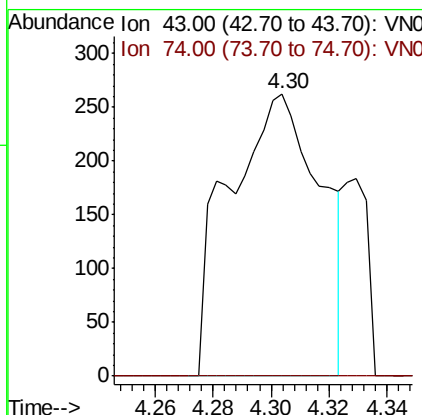
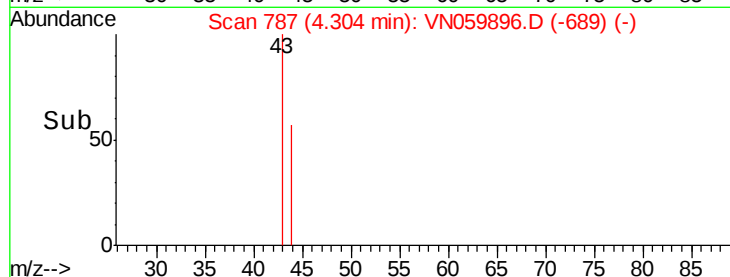
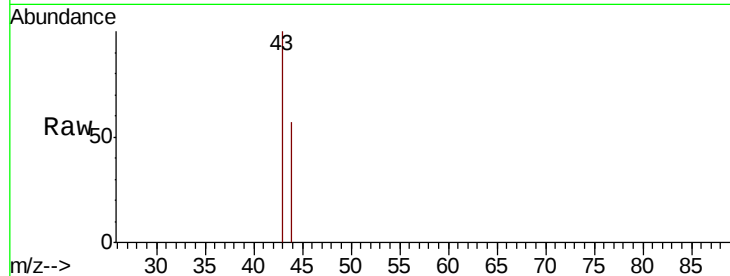




#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.02 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

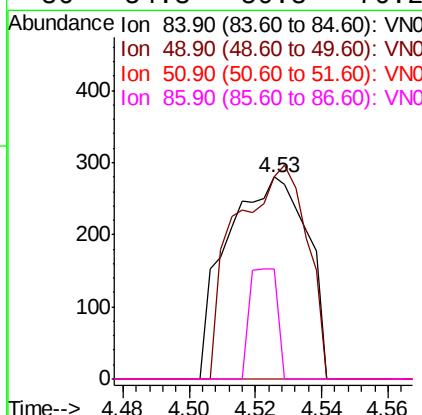
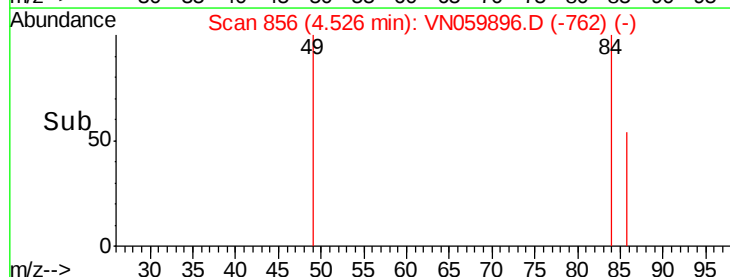
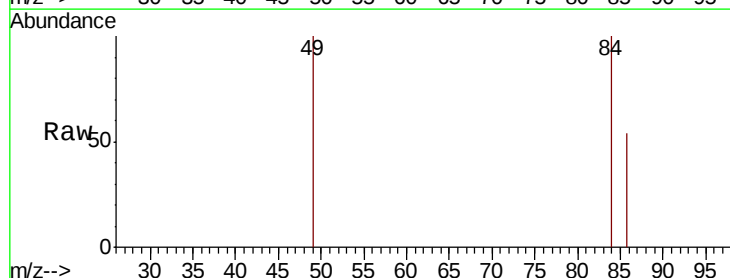
Instrument :
MSVOA_N
ClientSampled :

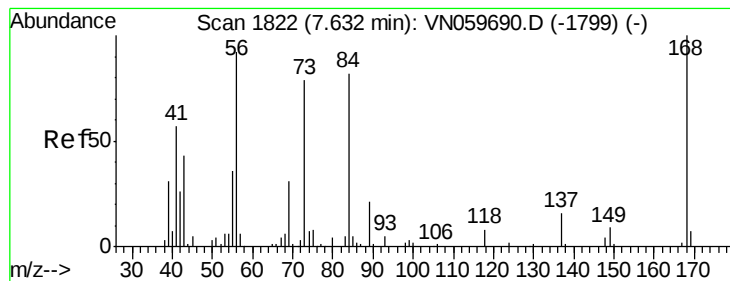
Tot Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 84 Resp: 471
Ion Ratio Lower Upper
84 100
49 100.0 106.6 160.0#
51 0.0 31.9 47.9#
86 54.3 50.8 76.2





#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

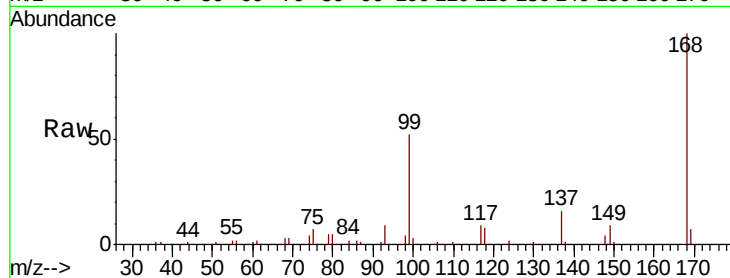
Tot Ion: 56 Resp: 4283

Ion Ratio Lower Upper

56 100

69 144.8 26.5 39.7#

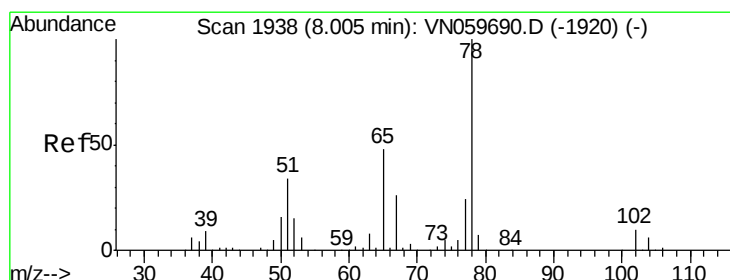
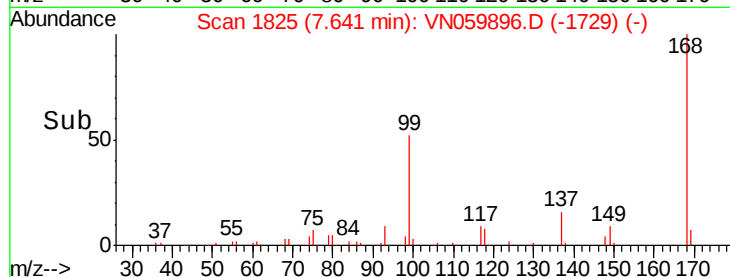
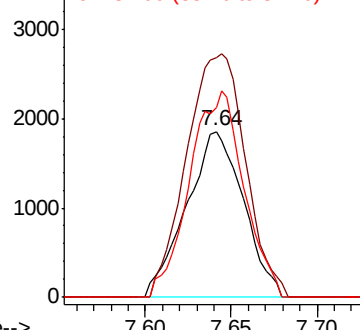
84 115.0 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN059896.D (-1799) (-)

Ion 69.00 (68.70 to 69.70): VN059896.D (-1799) (-)

Ion 84.00 (83.70 to 84.70): VN059896.D (-1799) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.081 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059896.D

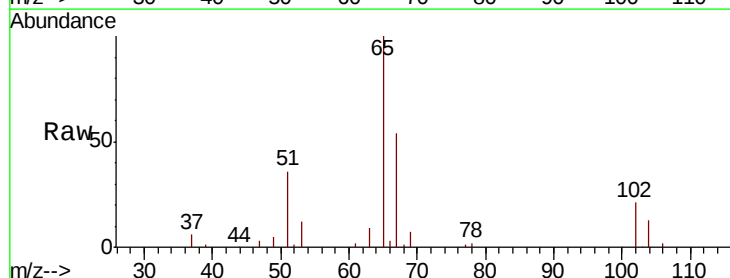
Acq: 28 Jan 2020 14:42

Tgt Ion: 65 Resp: 106730

Ion Ratio Lower Upper

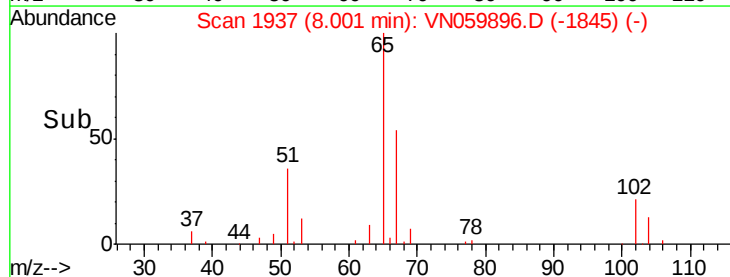
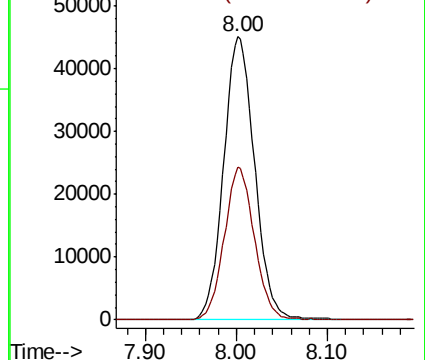
65 100

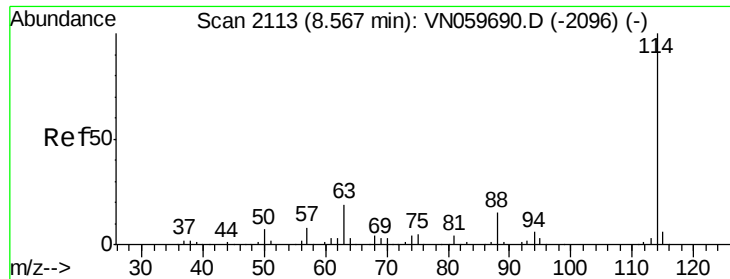
67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059896.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059896.D (-1845) (-)

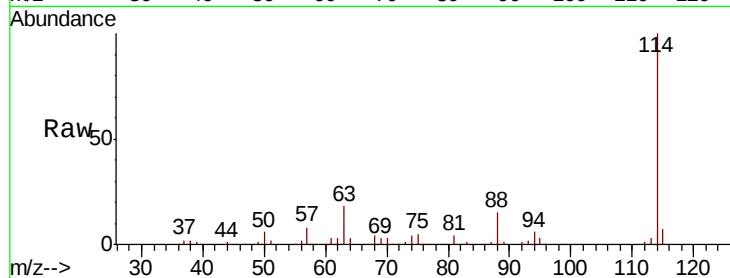




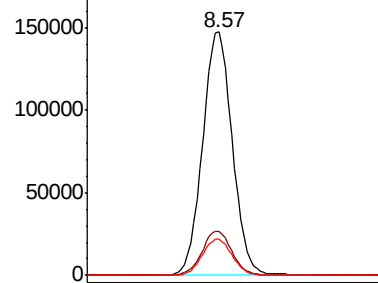
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :

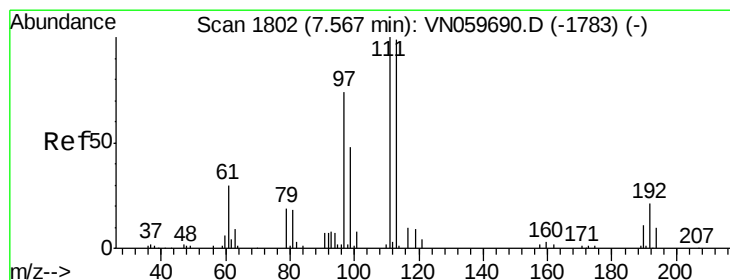
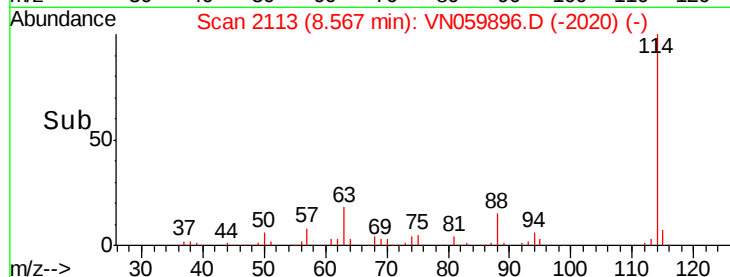
Tot Ion:114 Resp: 309551
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 43.6
 88 14.8 0.0 31.4



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

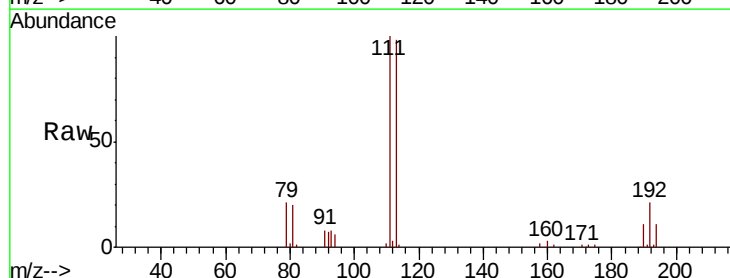


Time-->

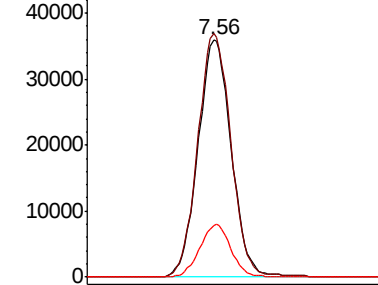


#35
 Dibromofluoromethane
 Concen: 50.153 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

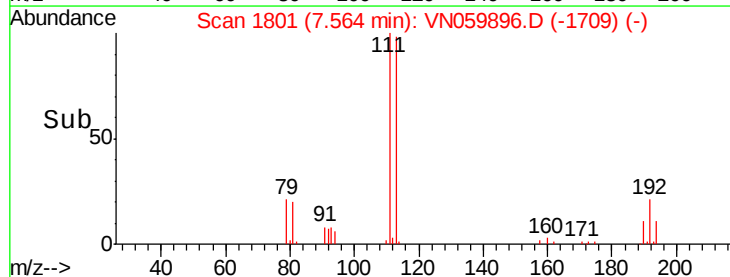
Tgt Ion:113 Resp: 92582
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 20.9 15.4 23.2

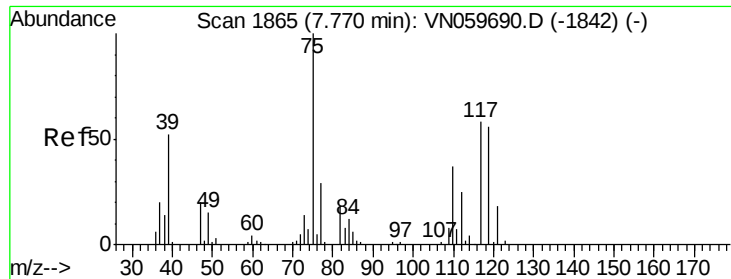


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

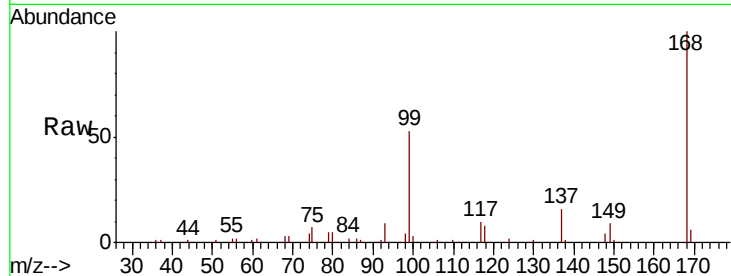




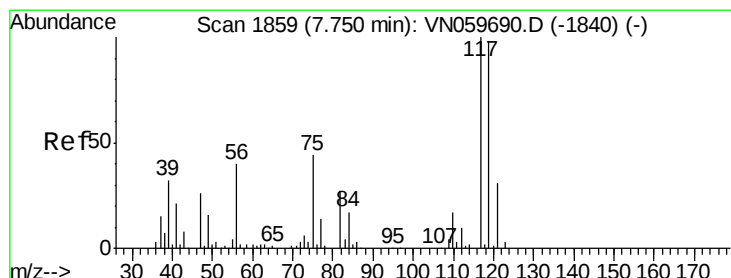
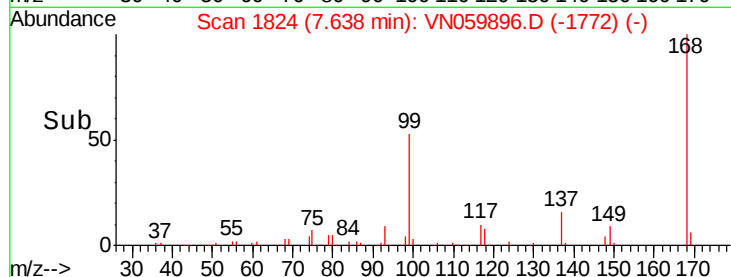
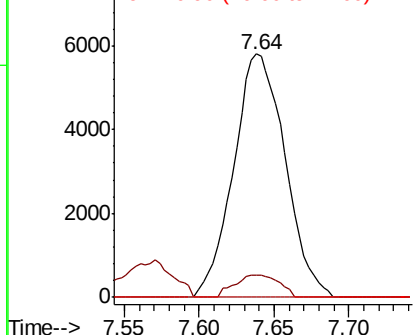
#36
 1,1-Dichloropropene
 Concen: 5.161 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 13912
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.6 49.7#
 77 0.0 25.1 37.7#

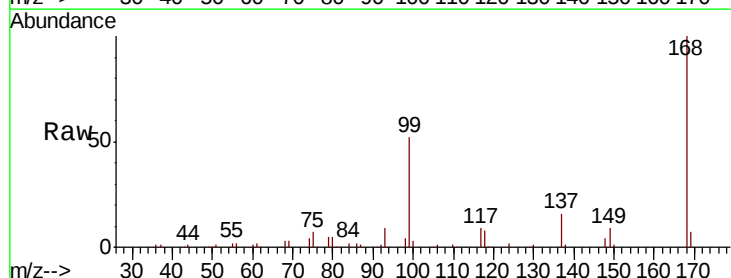


Abundance Ion 74.90 (74.60 to 75.60): VN059896.D (-1772) (-)
 Ion 109.90 (109.60 to 110.60): VN059896.D (-1772) (-)
 Ion 76.90 (76.60 to 77.60): VN059896.D (-1772) (-)

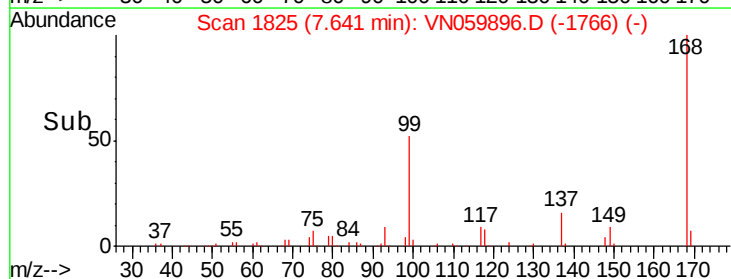
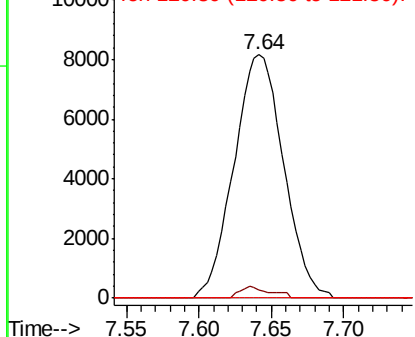


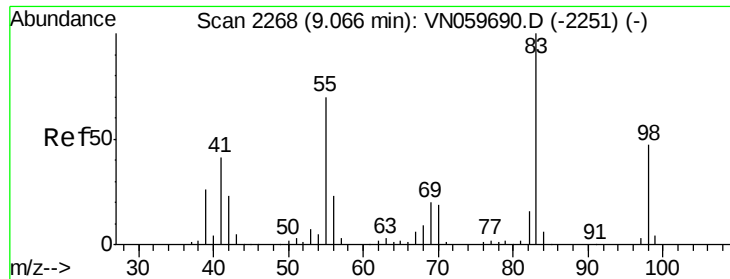
#38
 Carbon Tetrachloride
 Concen: 6.614 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Tgt Ion: 117 Resp: 19394
 Ion Ratio Lower Upper
 117 100
 119 3.3 76.5 114.7#
 121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): VN059896.D (-1766) (-)
 Ion 118.80 (118.50 to 119.50): VN059896.D (-1766) (-)
 Ion 120.80 (120.50 to 121.50): VN059896.D (-1766) (-)

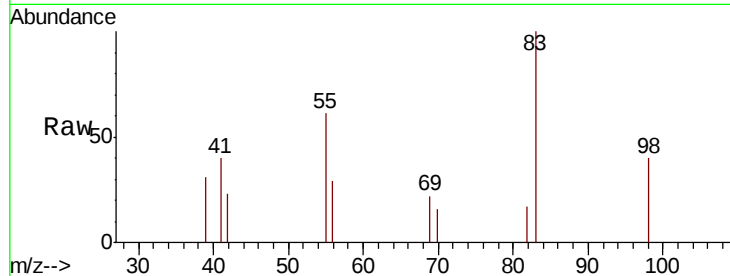




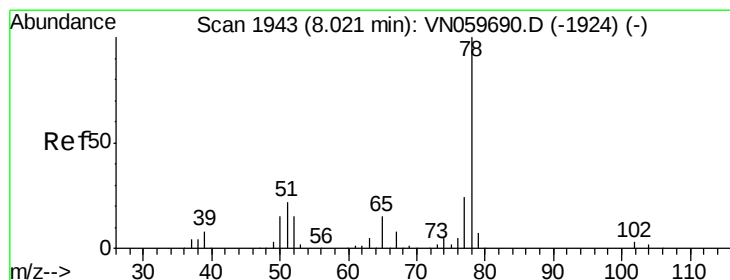
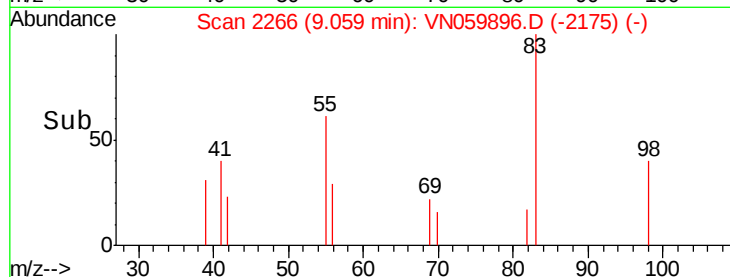
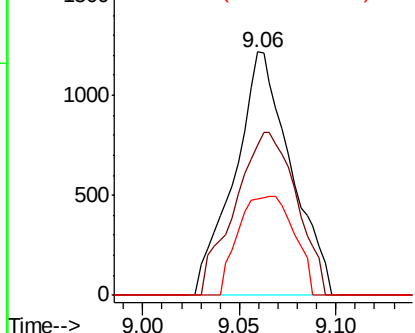
#39
Methvlcvclohexane
Concen: 0.739 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 2457
Ion Ratio Lower Upper
83 100
55 61.5 64.2 96.2#
98 39.7 35.9 53.9

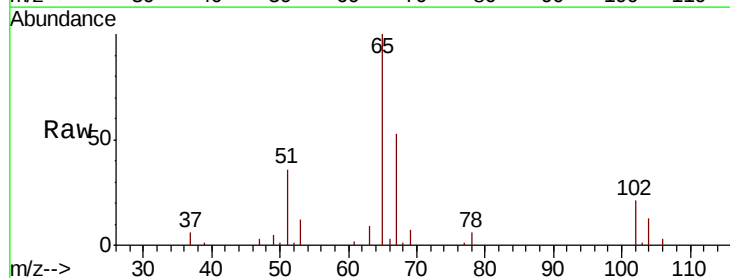


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

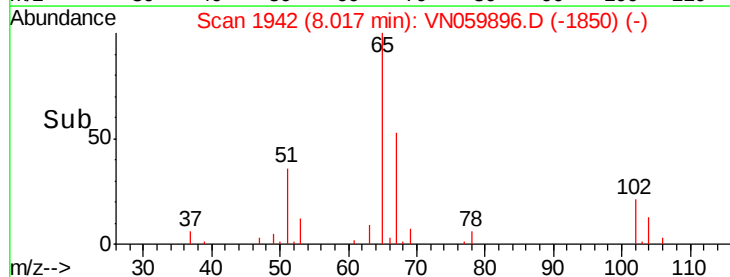
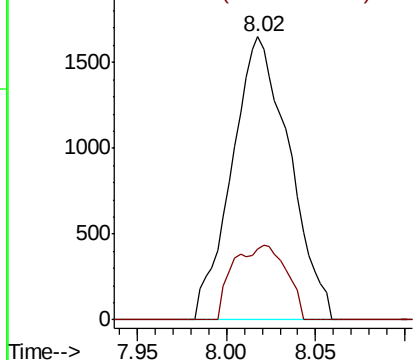


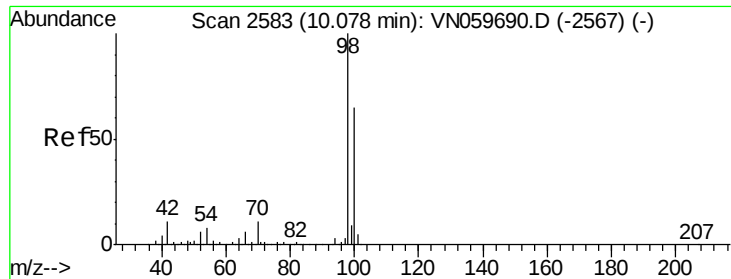
#40
Benzene
Concen: 0.461 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 78 Resp: 3704
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3



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





#50

Toluene-d8

Concen: 50.331 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

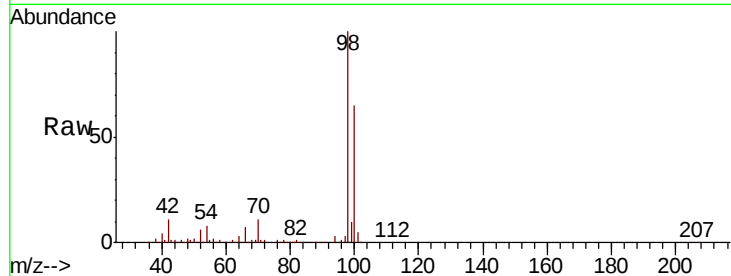
ClientSampled :

Tot Ion: 98 Resp: 359982

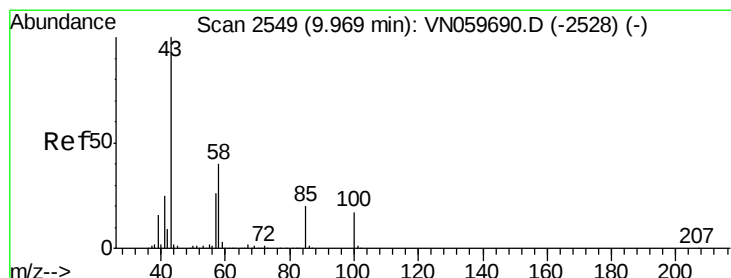
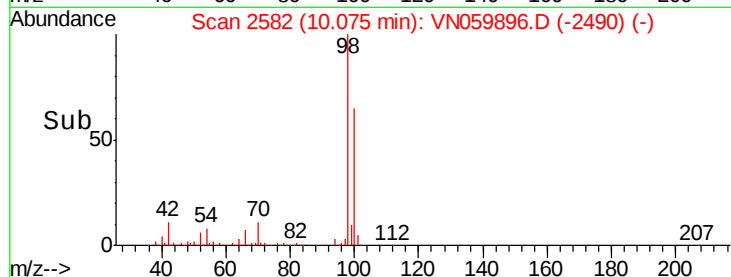
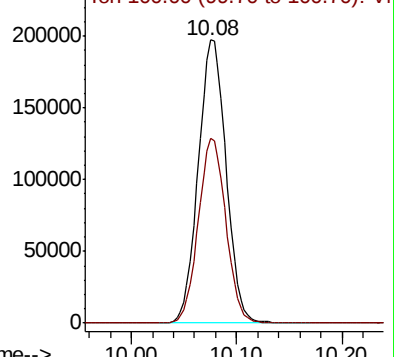
Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.311 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059896.D

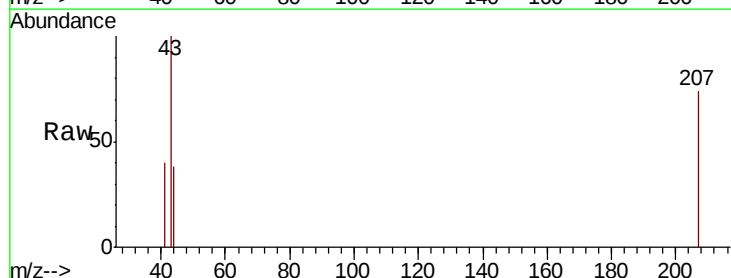
Acq: 28 Jan 2020 14:42

Tgt Ion: 43 Resp: 782

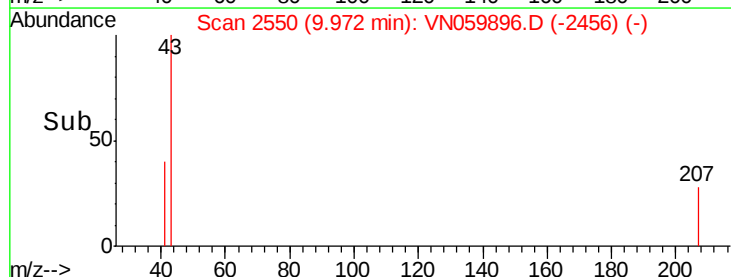
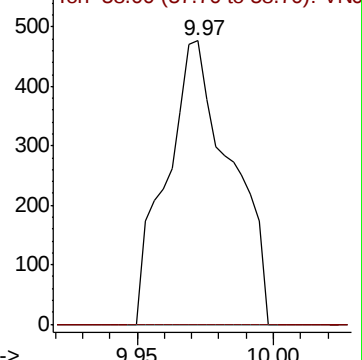
Ion Ratio Lower Upper

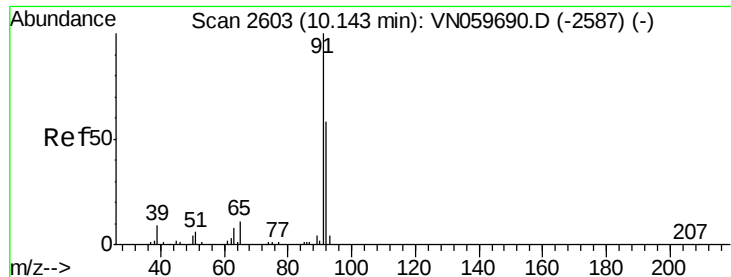
43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)





#52

Toluene

Concen: 3.212 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

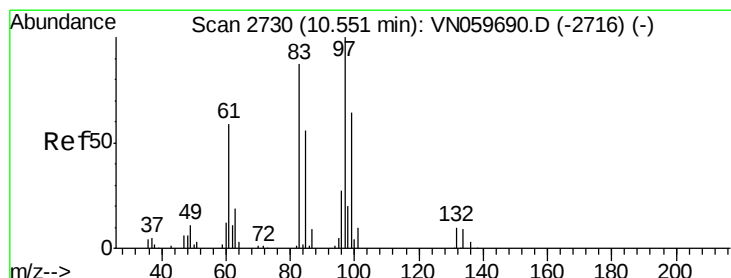
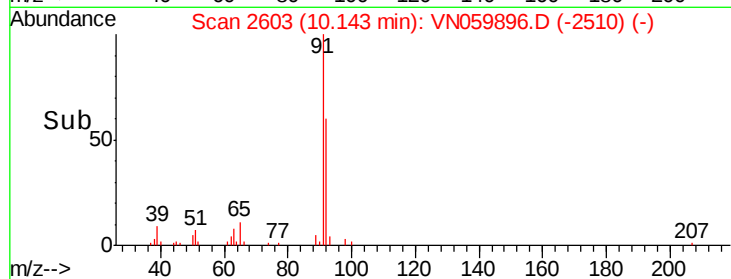
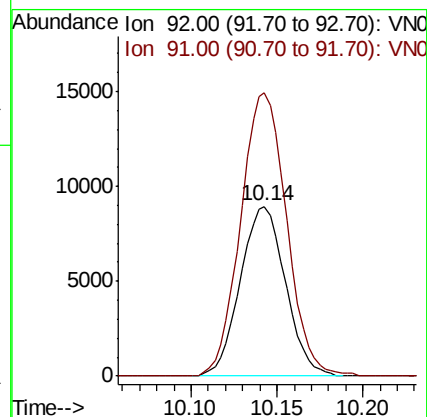
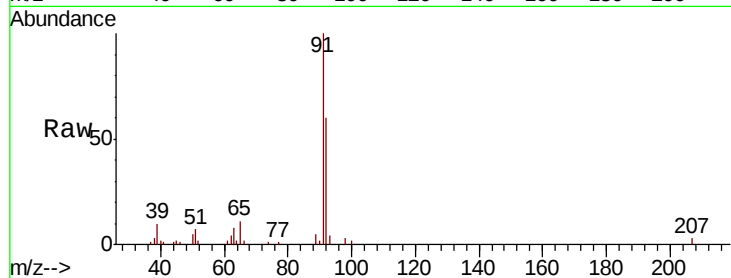
ClientSampleId :

Tot Ion: 92 Resp: 16311

Ion Ratio Lower Upper

92 100

91 169.8 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 2.026 ug/l

RT: 10.52 min Scan# 2720

Delta R.T. -0.03 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Tgt Ion: 97 Resp: 4074

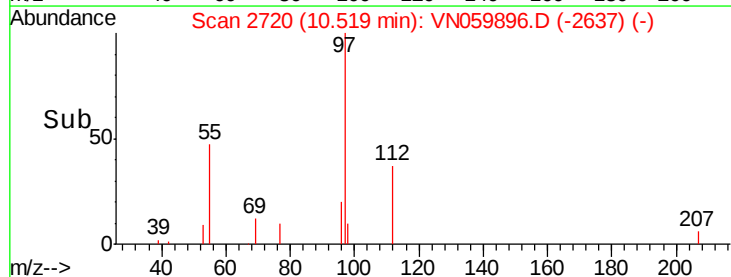
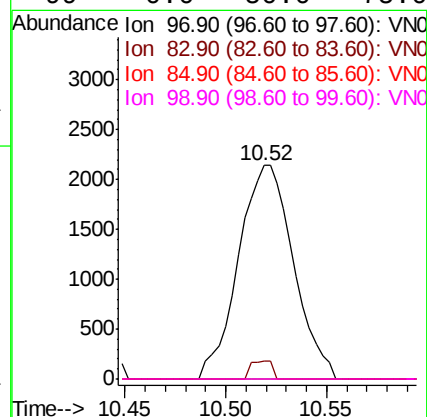
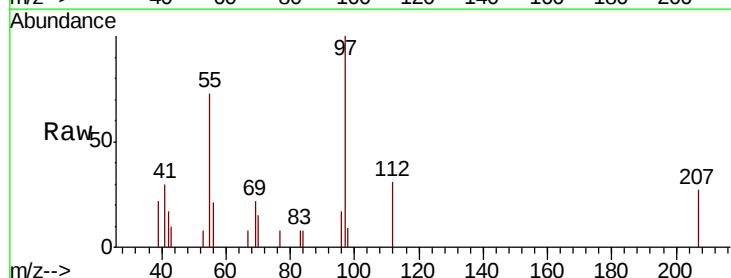
Ion Ratio Lower Upper

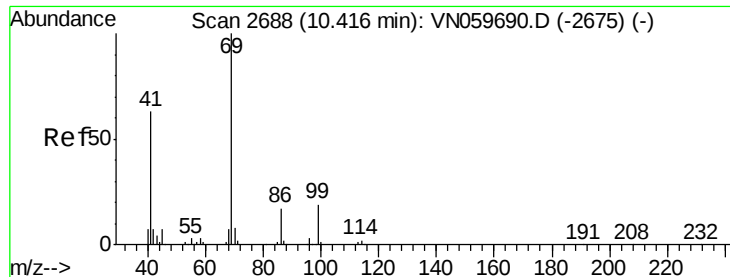
97 100

83 8.4 71.3 106.9#

85 0.0 45.8 68.8#

99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 0.242 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

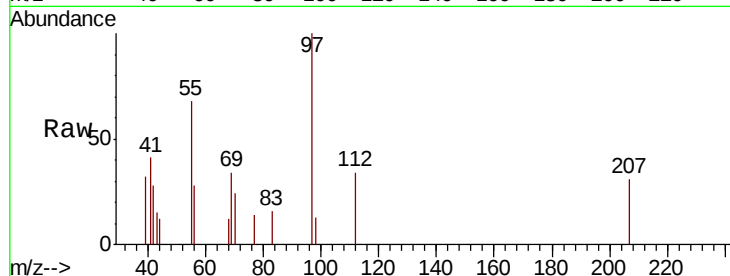
Tot Ion: 69 Resp: 743

Ion Ratio Lower Upper

69 100

41 163.9 57.1 85.7#

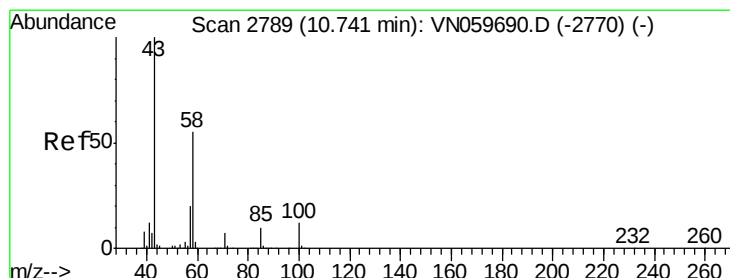
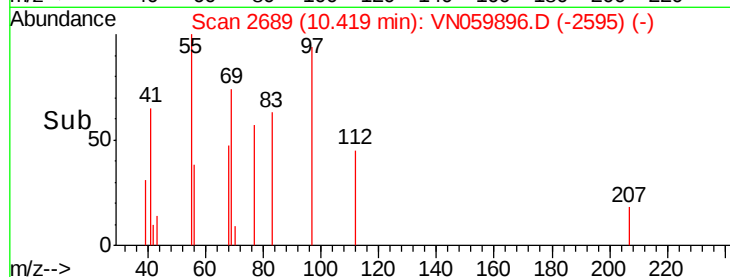
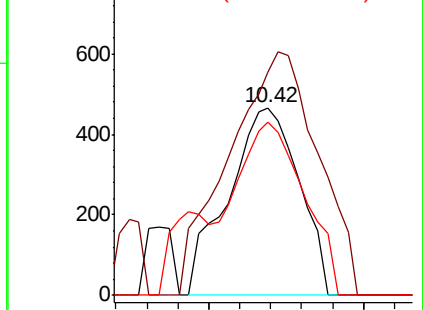
39 90.4 34.7 52.1#



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



#59

2-Hexanone

Concen: 1.319 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.03 min

Lab File: VN059896.D

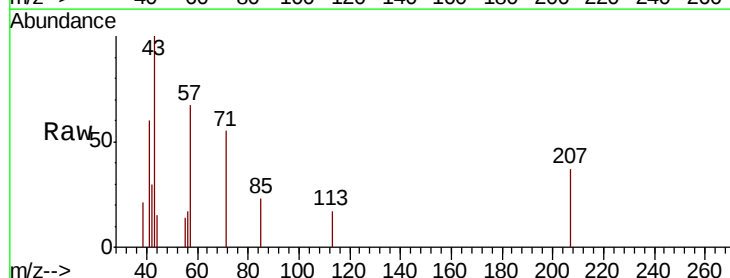
Acq: 28 Jan 2020 14:42

Tgt Ion: 43 Resp: 2442

Ion Ratio Lower Upper

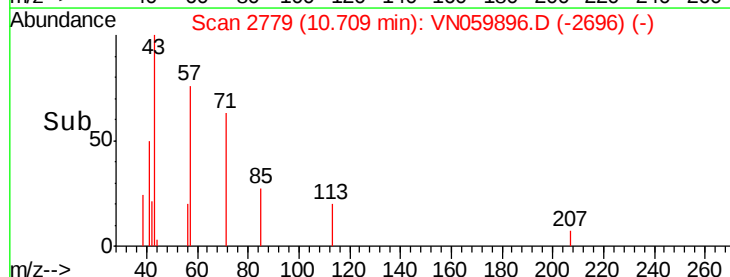
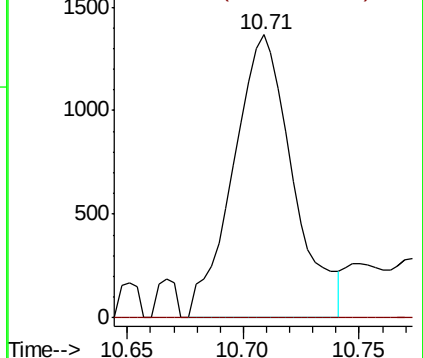
43 100

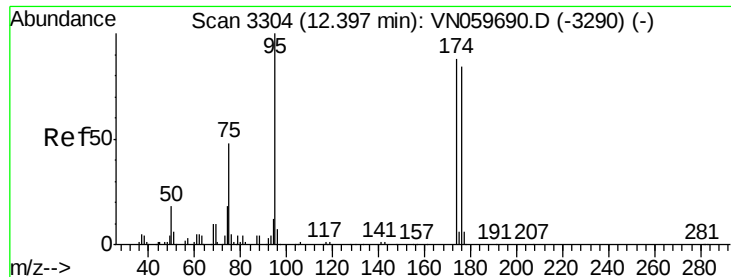
58 0.0 25.8 77.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

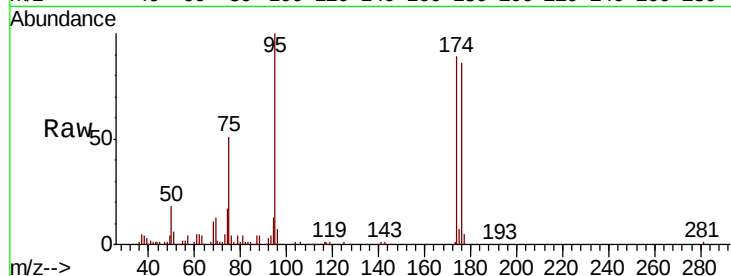




#62
4-Bromofluorobenzene
Concen: 46.725 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :

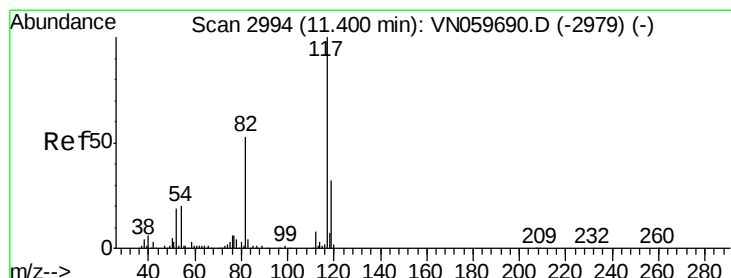
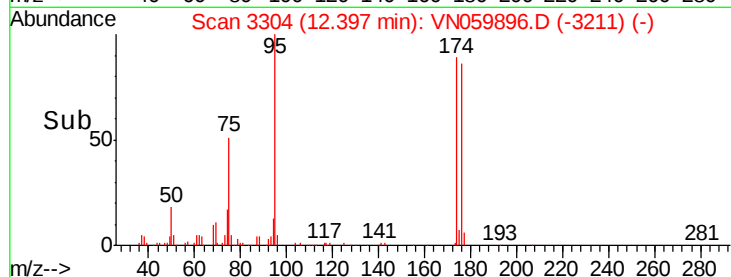
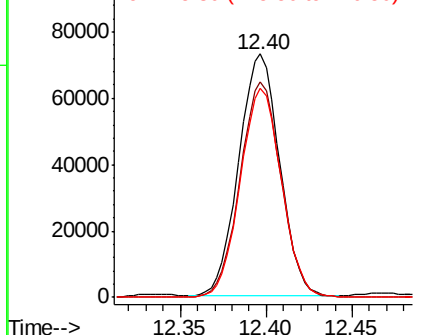
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	151.4
176	87.0	0.0	146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)

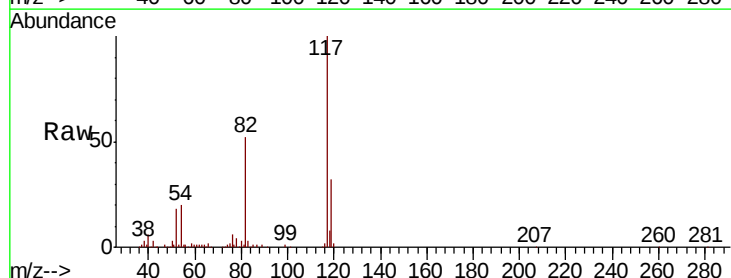
Ion 173.80 (173.50 to 174.50): VN059690.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059690.D (-3290) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

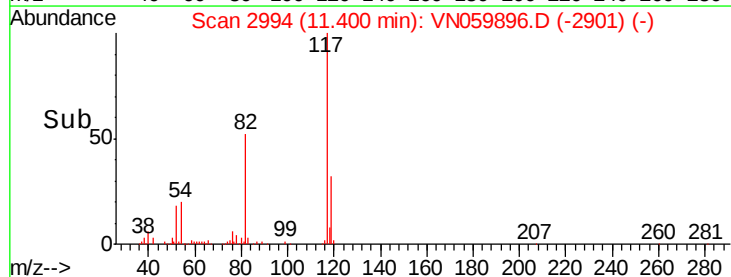
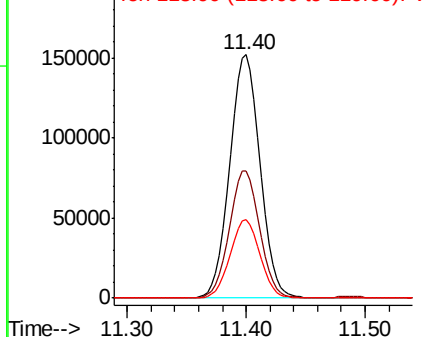
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.9	68.9
119	32.2	25.5	38.3

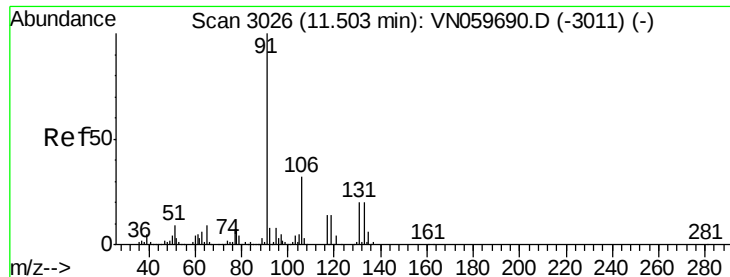


Abundance Ion 116.90 (116.60 to 117.60): VN059690.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059690.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059690.D (-2979) (-)

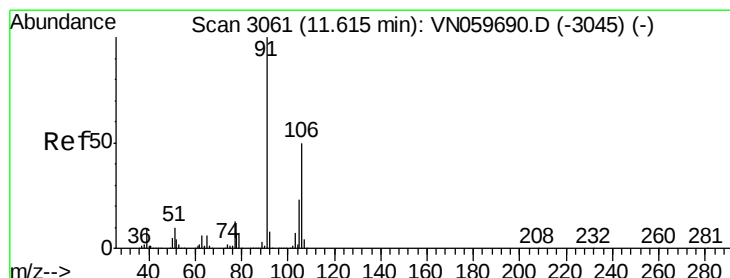
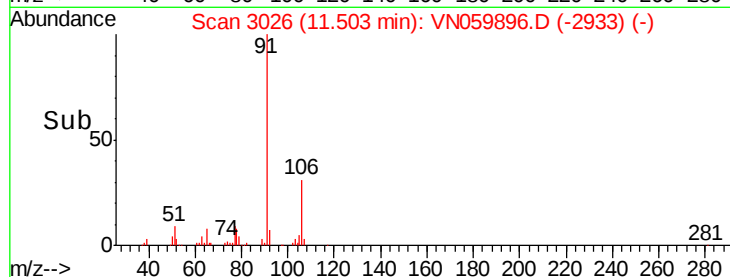
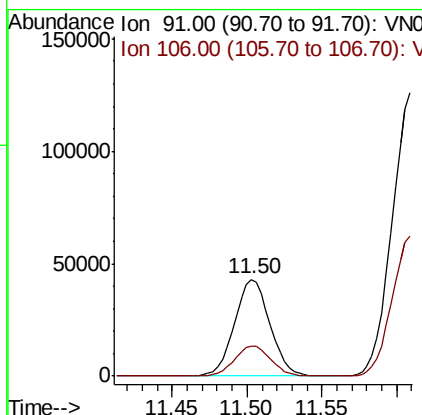
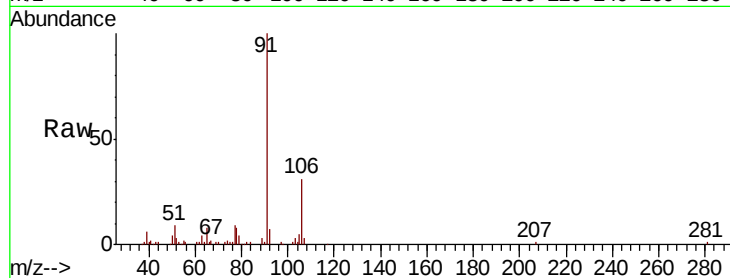




#67
Ethyl Benzene
Concen: 7.407 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

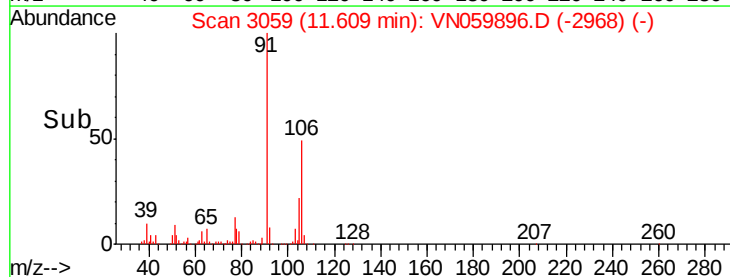
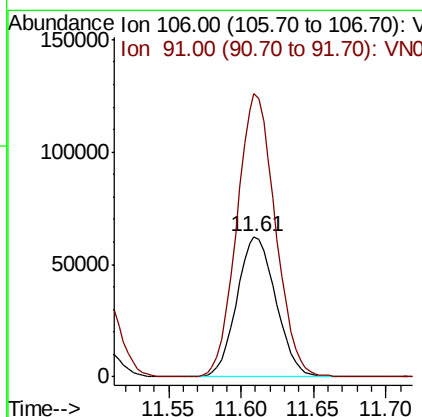
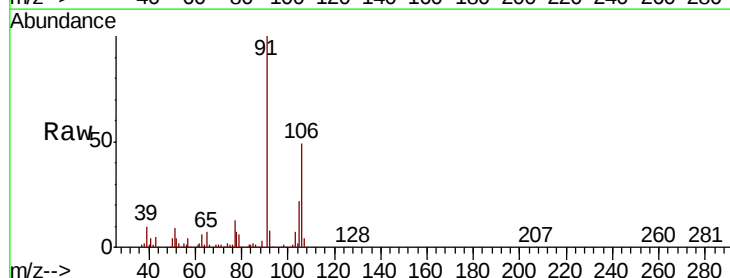
Instrument :
MSVOA_N
ClientSampled :

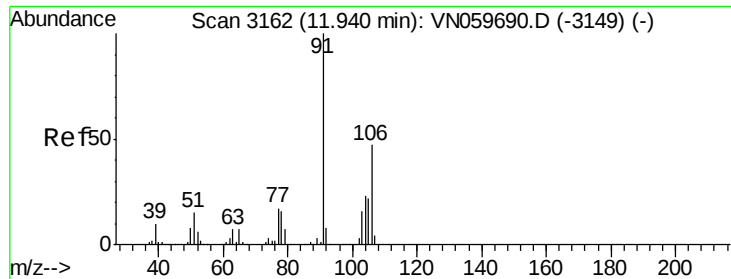
Tot Ion: 91 Resp: 70874
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1



#68
m/p-Xylenes
Concen: 32.123 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 106 Resp: 116100
Ion Ratio Lower Upper
106 100
91 199.7 167.9 251.9

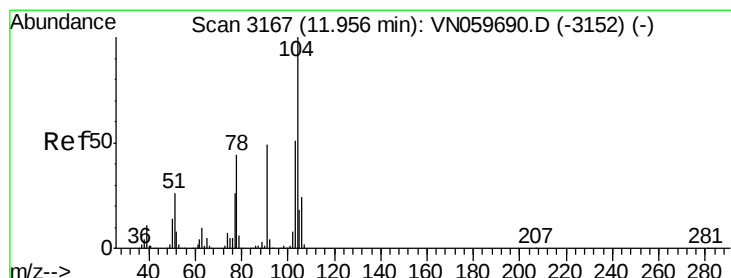
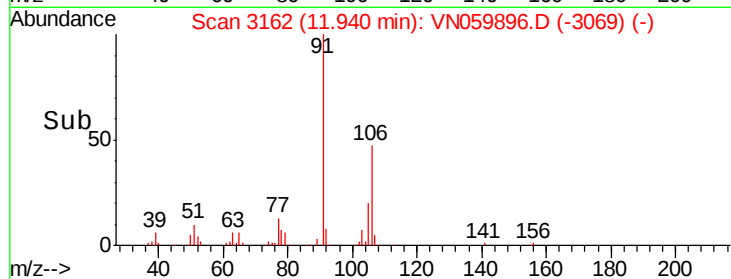
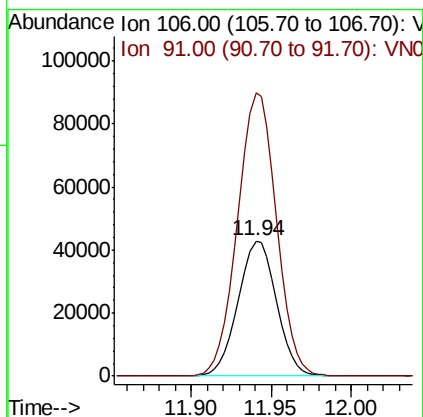
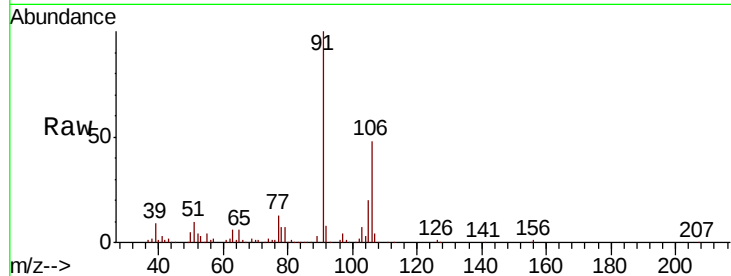




#69
o-Xylene
Concen: 19.816 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

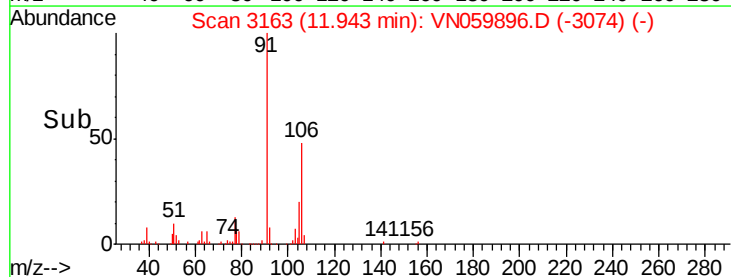
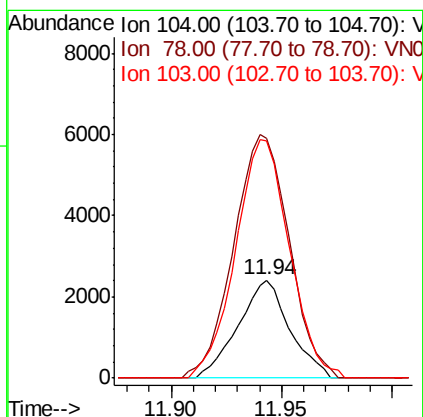
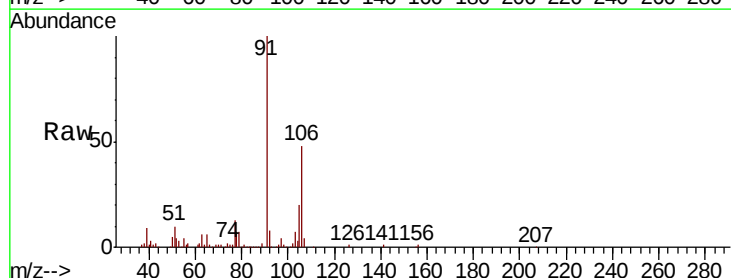
Instrument :
MSVOA_N
ClientSampled :

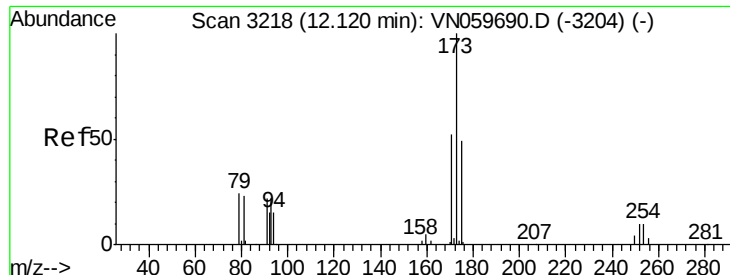
Tot Ion:106 Resp: 70118
Ion Ratio Lower Upper
106 100
91 212.1 110.3 330.9



#70
Styrene
Concen: 0.659 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.01 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion:104 Resp: 3902
Ion Ratio Lower Upper
104 100
78 267.4 42.4 63.6#
103 255.0 43.9 65.9#

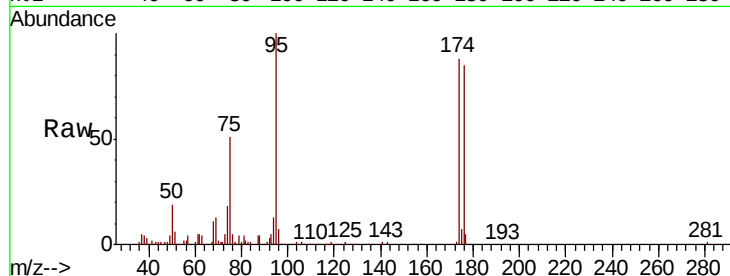




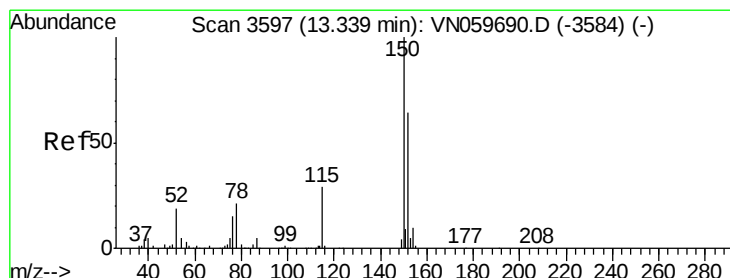
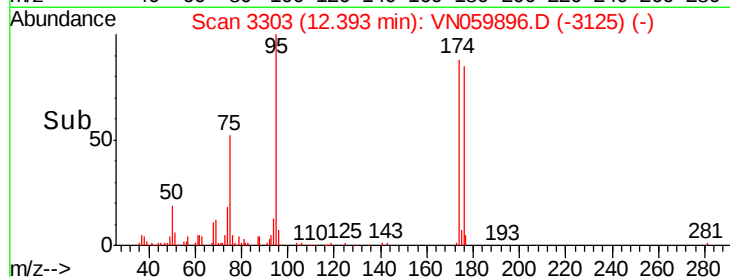
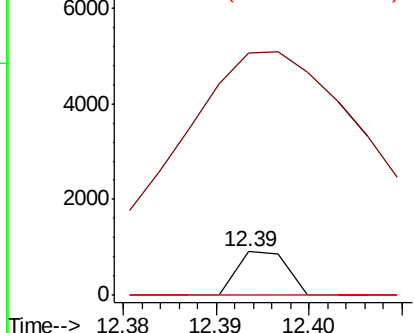
#71
Bromoform
Concen: 0.208 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 340
Ion Ratio Lower Upper
173 100
175 2063.5 23.8 71.4#
254 0.0 0.0 0.0

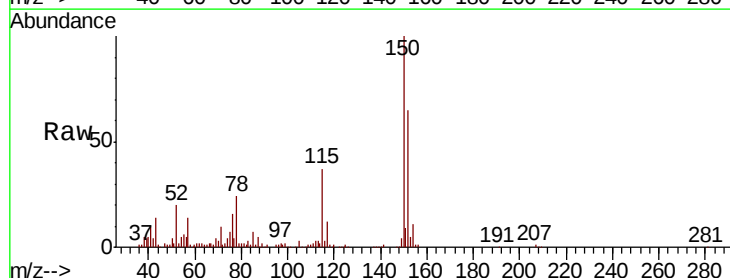


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

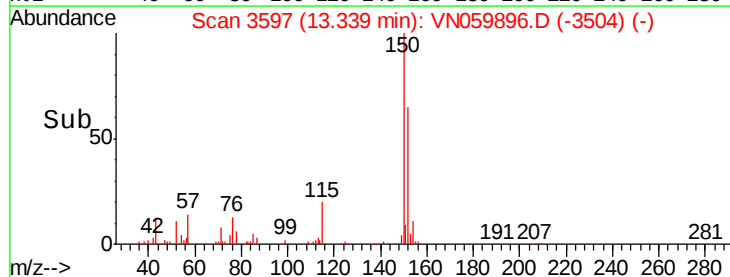
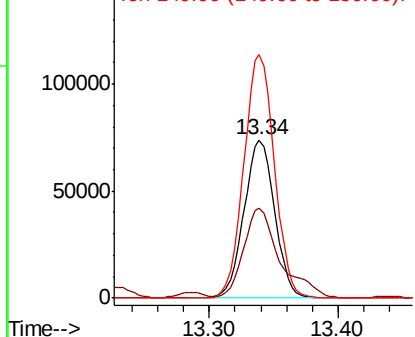


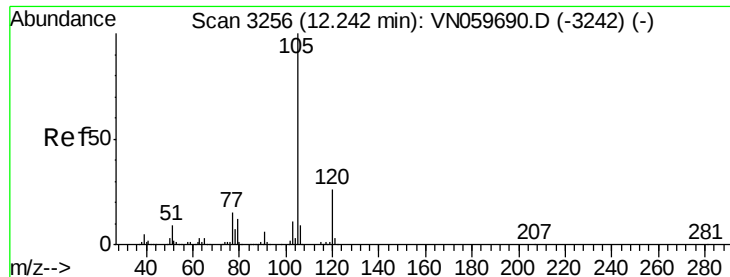
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion:152 Resp: 122419
Ion Ratio Lower Upper
152 100
115 67.2 30.3 90.9
150 153.6 0.0 345.2



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: 4.221 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

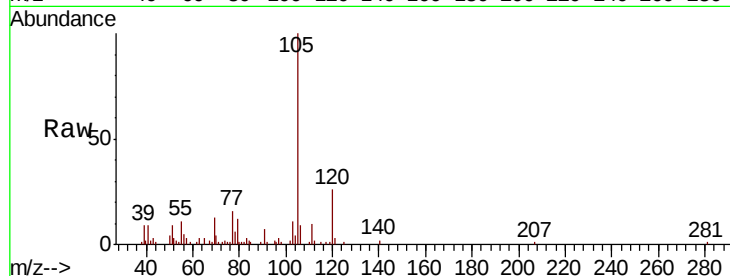
ClientSampled :

Tot Ion: 105 Resp: 37900

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

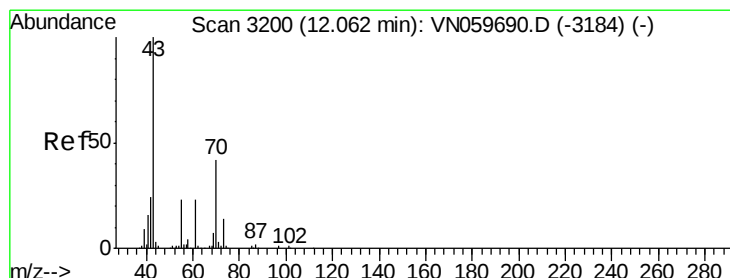
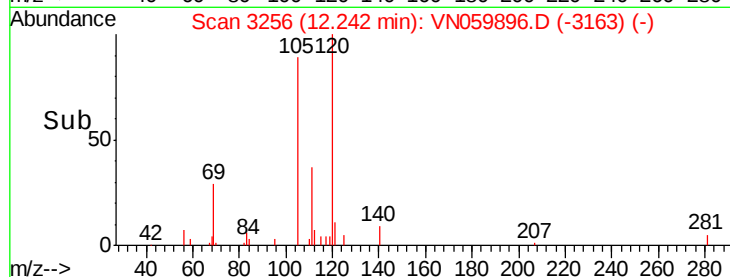
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 2.264 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.02 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Tgt Ion: 43 Resp: 7886

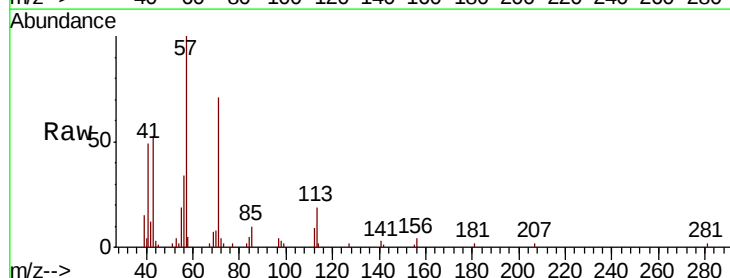
Ion Ratio Lower Upper

43 100

70 10.4 31.3 46.9#

55 13.4 19.8 29.6#

61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

8000

6000

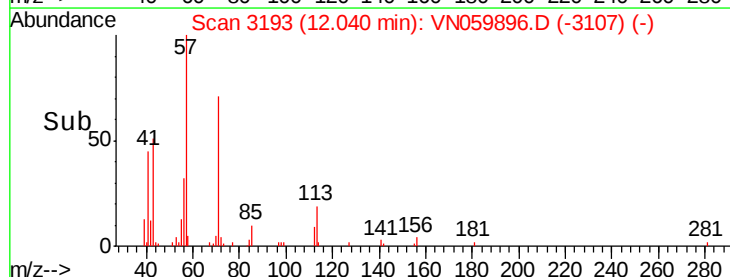
4000

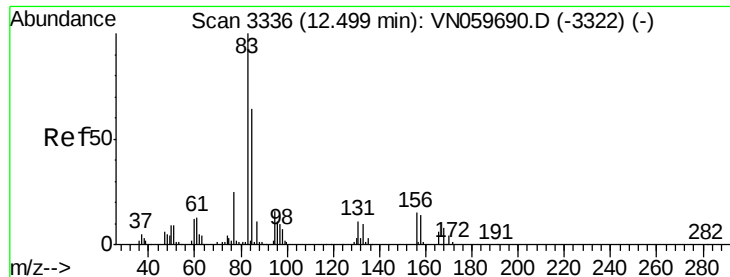
2000

0

Time-->

12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 1.240 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.05 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

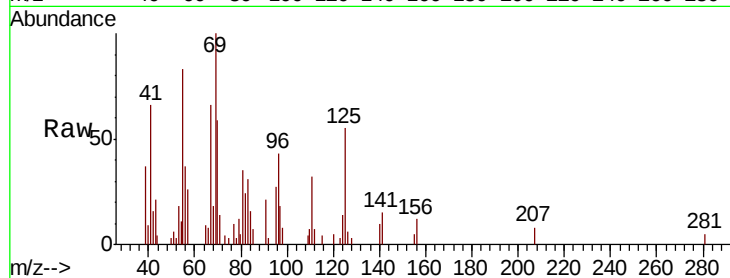
Tot Ion: 83 Resp: 3227

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

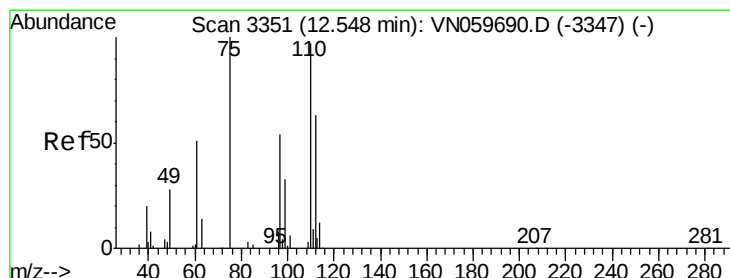
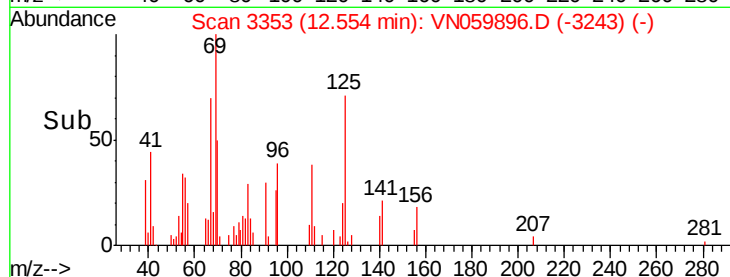
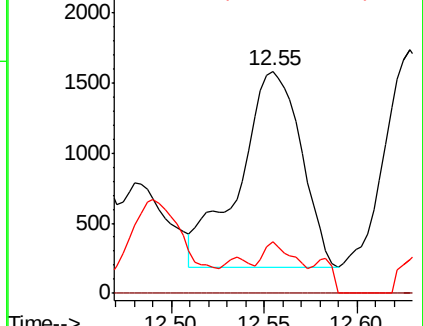
85 0.0 31.9 95.5#



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: 1.800 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.10 min

Lab File: VN059896.D

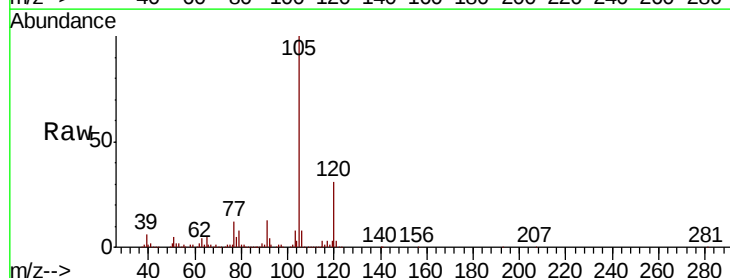
Acq: 28 Jan 2020 14:42

Tgt Ion: 75 Resp: 3709

Ion Ratio Lower Upper

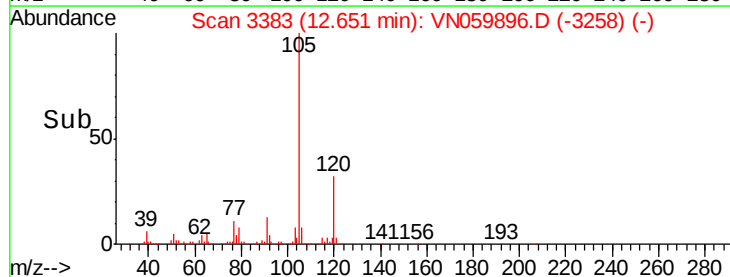
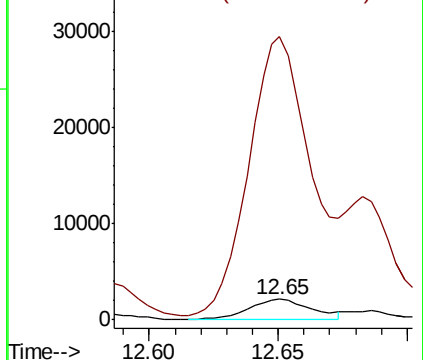
75 100

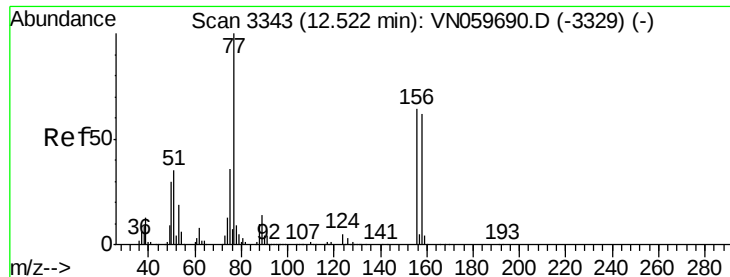
77 1315.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.483 ug/l

RT: 12.52 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

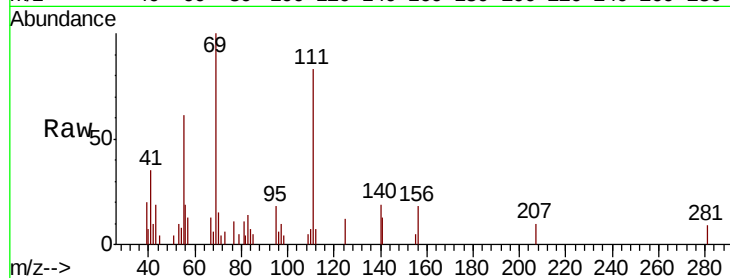
Tot Ion:156 Resp: 1099

Ion Ratio Lower Upper

156 100

77 0.0 115.8 347.4#

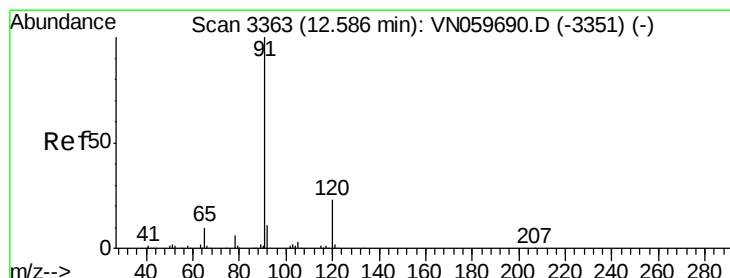
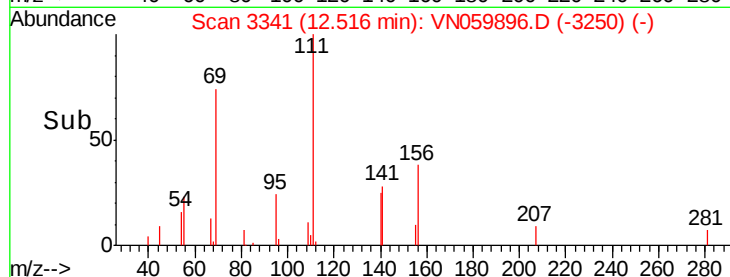
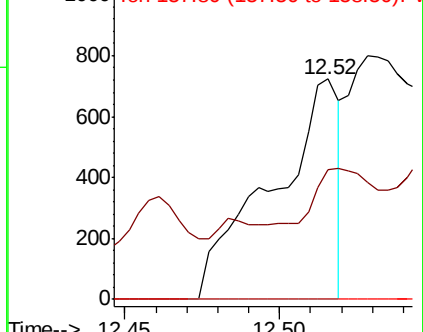
158 0.0 49.2 147.6#



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: 13.584 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059896.D

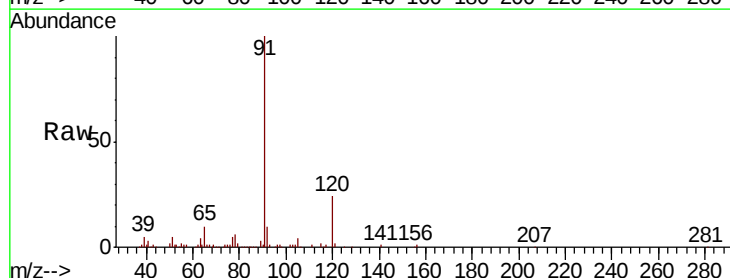
Acq: 28 Jan 2020 14:42

Tgt Ion: 91 Resp: 136886

Ion Ratio Lower Upper

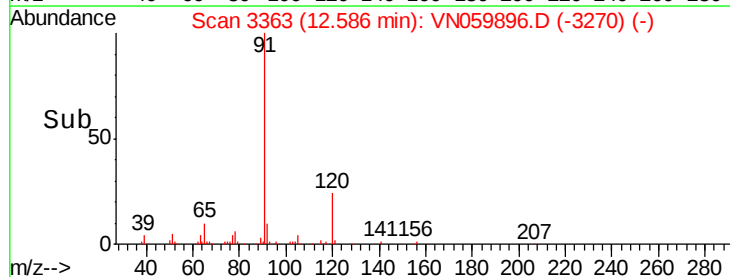
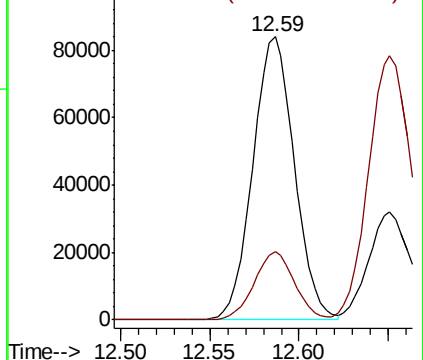
91 100

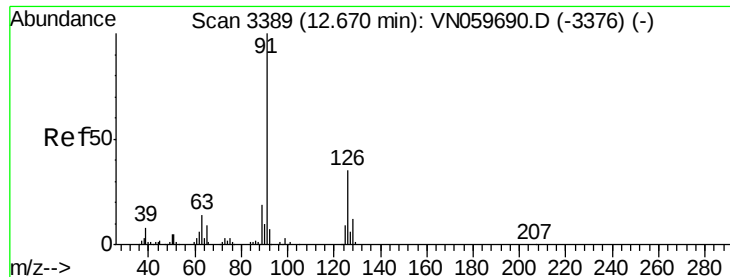
120 23.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

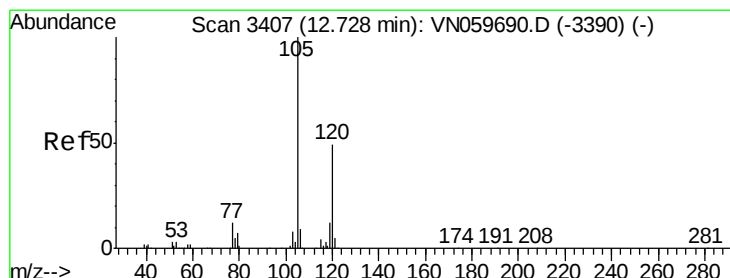
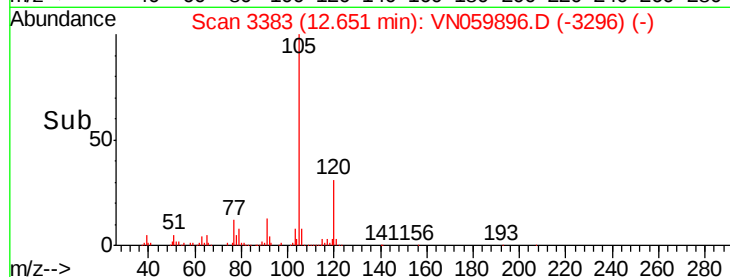
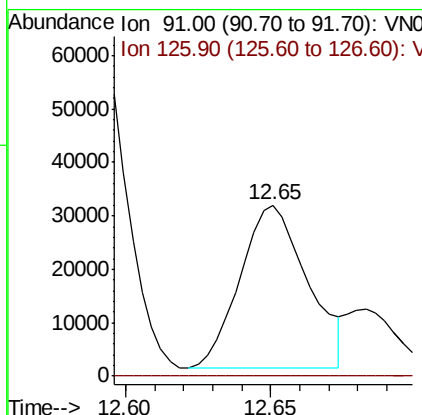
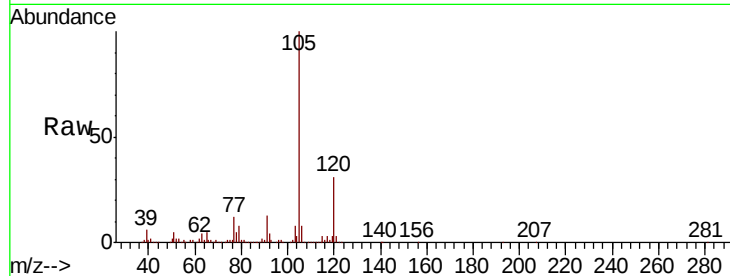




#79
 2-Chlorotoluene
 Concen: 8.257 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.02 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

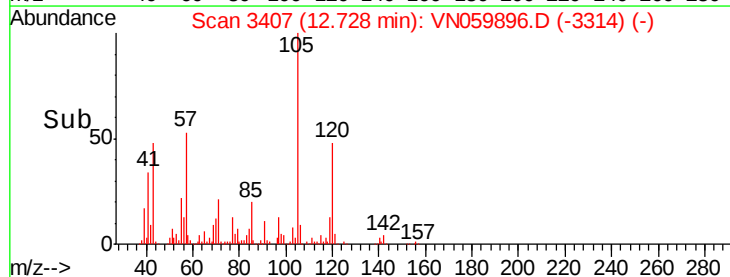
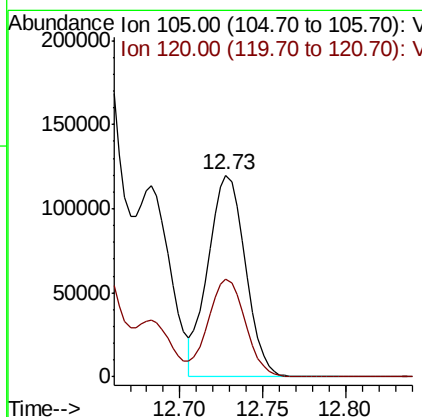
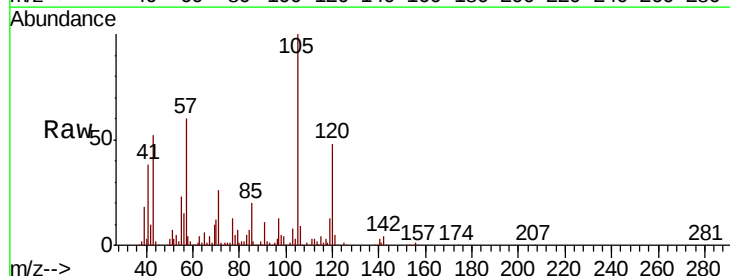
Instrument :
 MSVOA_N
 ClientSampled :

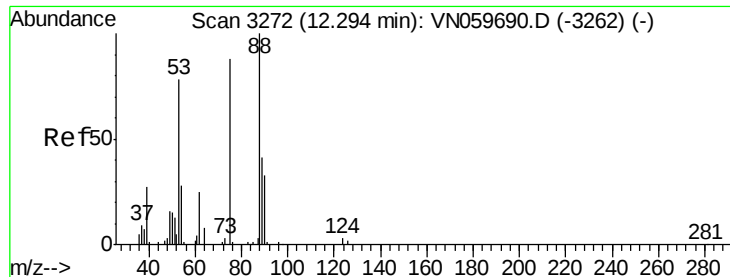
Tot Ion: 91 Resp: 49499
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 24.769 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Tgt Ion: 105 Resp: 187021
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 63.951 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

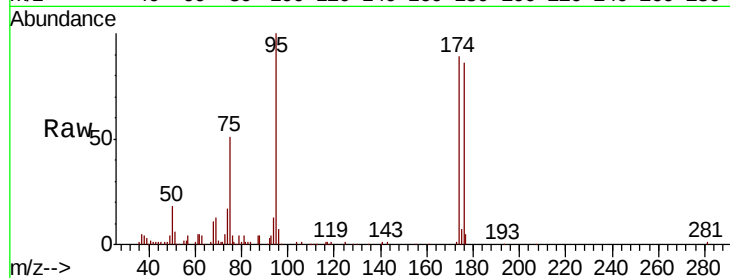
Tot Ion: 75 Resp: 61351

Ion Ratio Lower Upper

75 100

53 0.3 78.1 117.1#

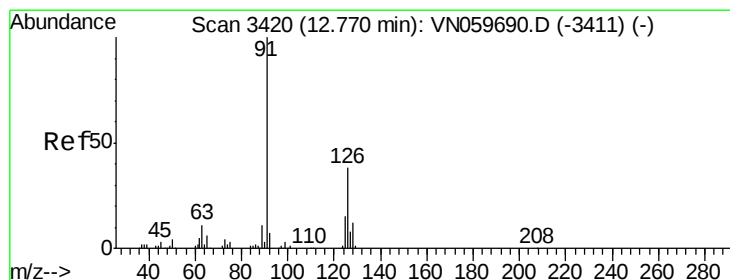
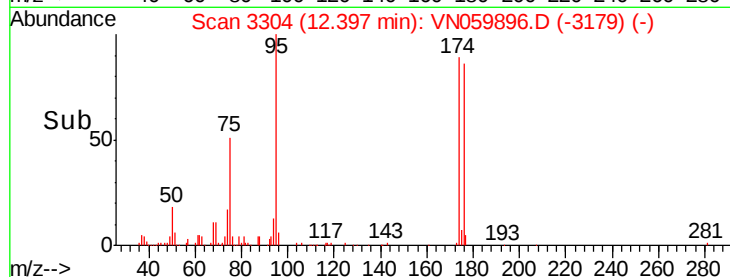
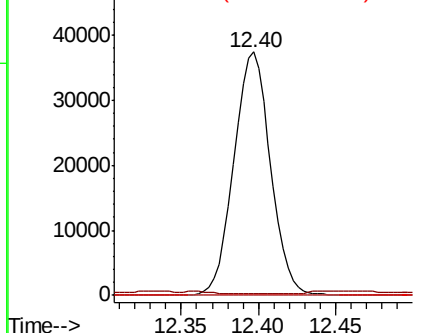
89 0.0 35.4 53.2#



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: 3.226 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.04 min

Lab File: VN059896.D

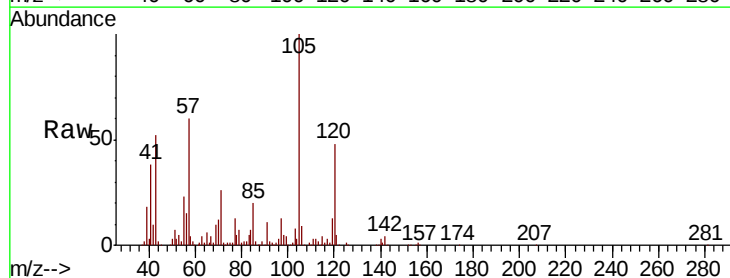
Acq: 28 Jan 2020 14:42

Tgt Ion: 91 Resp: 19400

Ion Ratio Lower Upper

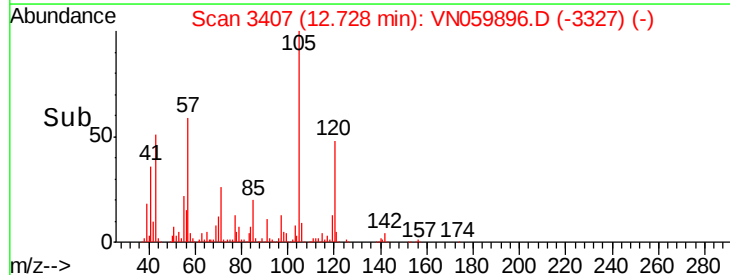
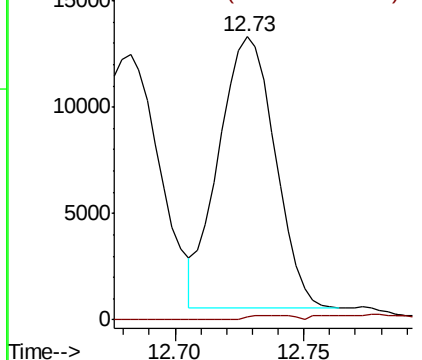
91 100

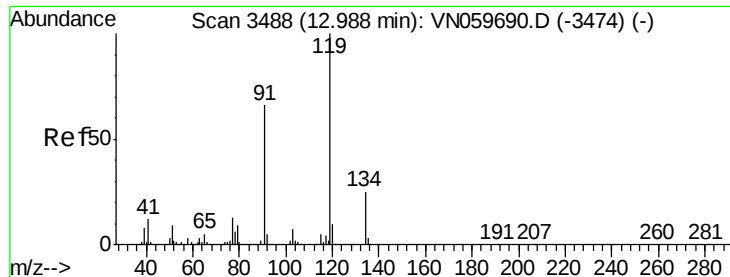
126 1.3 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

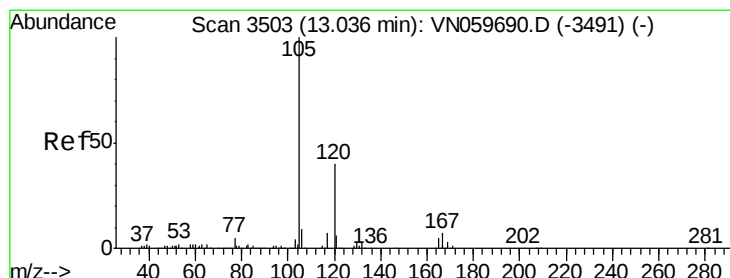
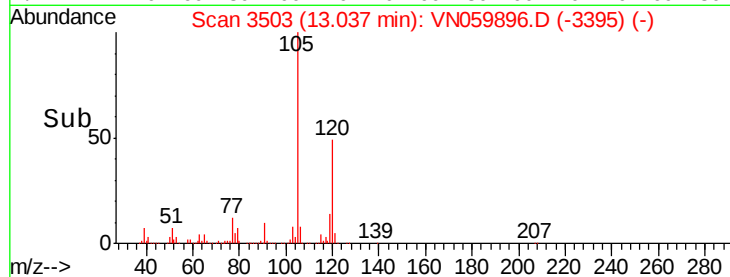
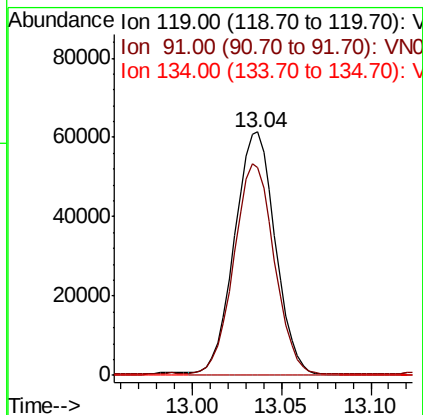
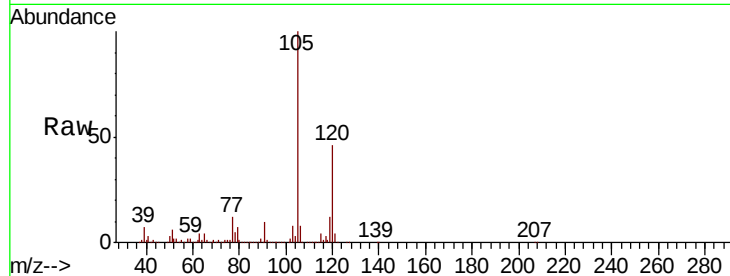




#83
tert-Butylbenzene
Concen: 15.058 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.05 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

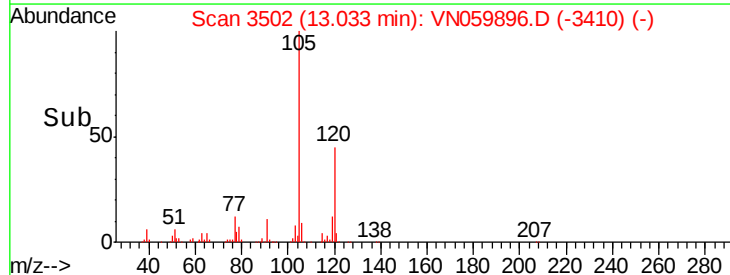
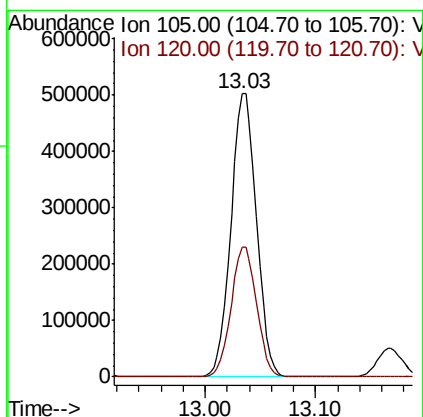
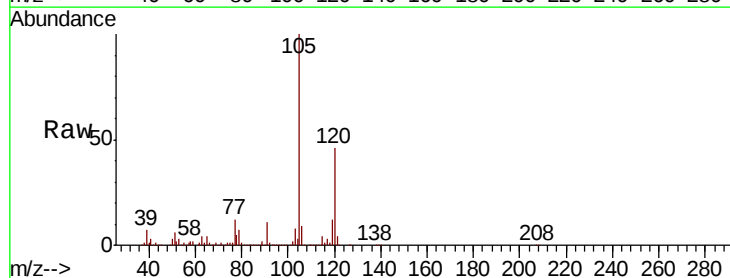
Instrument :
MSVOA_N
ClientSampleId :

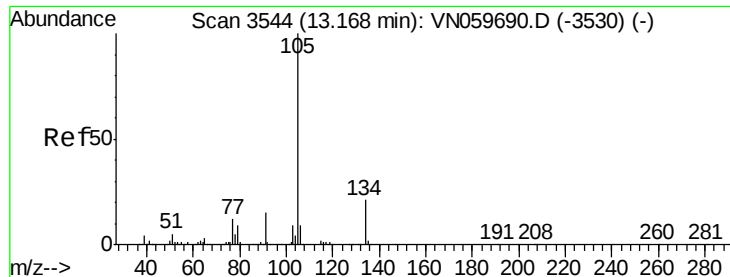
Tot Ion:119 Resp: 98335
Ion Ratio Lower Upper
119 100
91 85.0 34.8 104.4
134 0.0 12.3 36.9#



#84
1,2,4-Trimethylbenzene
Concen: 107.959 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion:105 Resp: 806444
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9

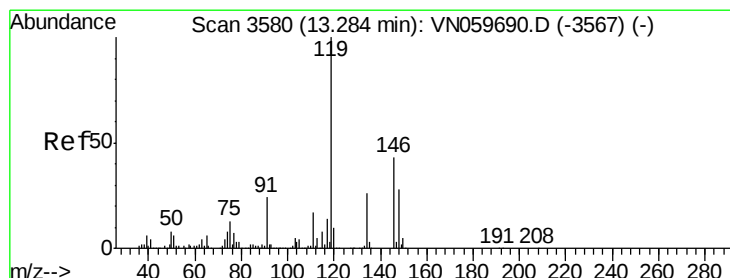
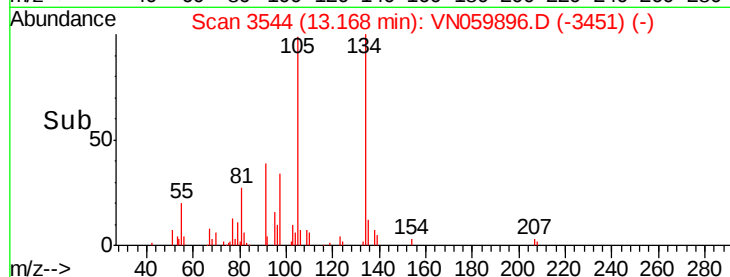
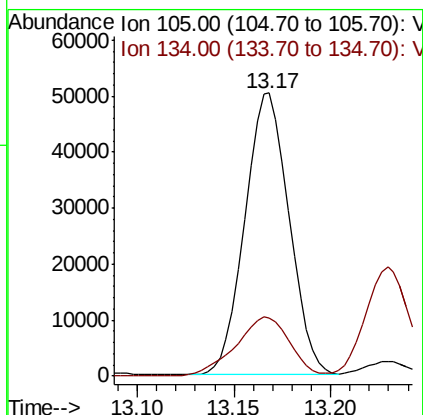
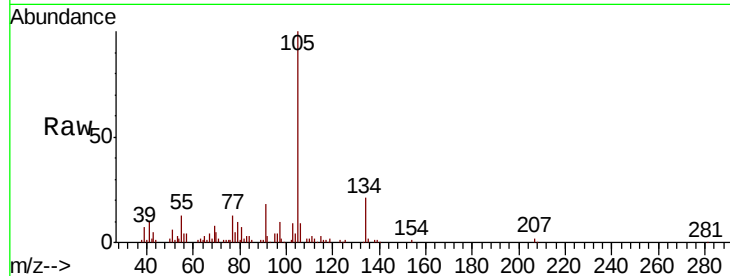




#85
 sec-Butylbenzene
 Concen: 9.342 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

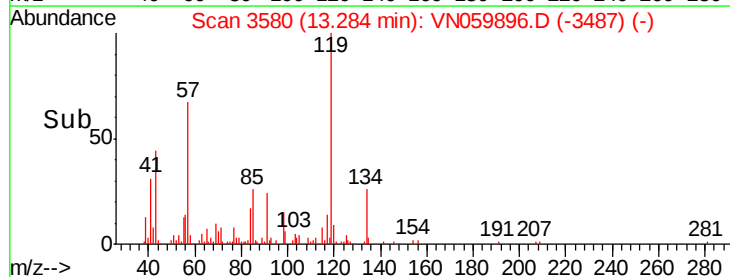
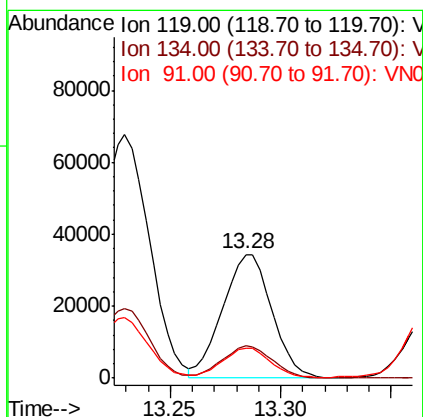
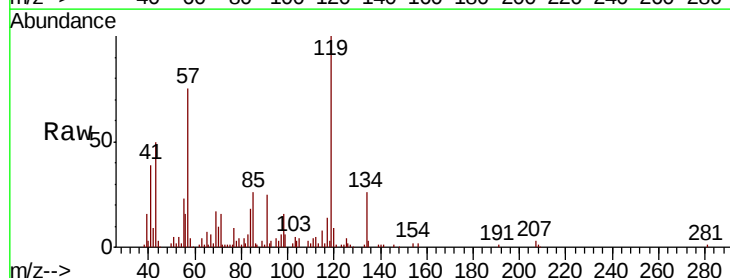
Instrument :
 MSVOA_N
 ClientSampled :

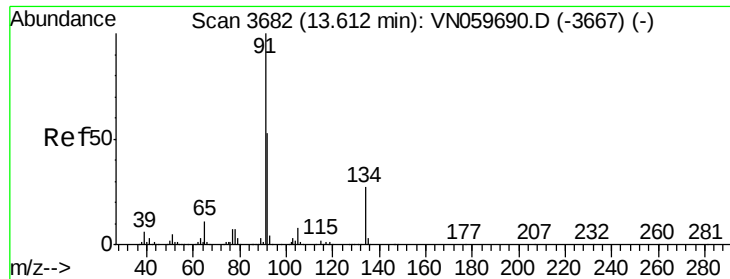
Tot Ion:105 Resp: 80157
 Ion Ratio Lower Upper
 105 100
 134 25.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 6.743 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Tgt Ion:119 Resp: 53533
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 22.6 12.4 37.4

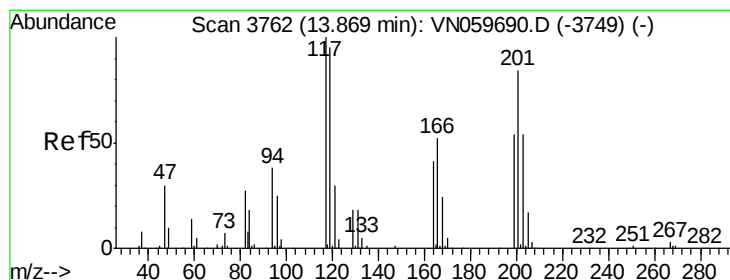
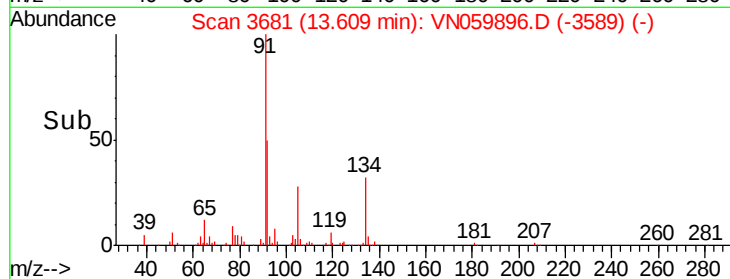
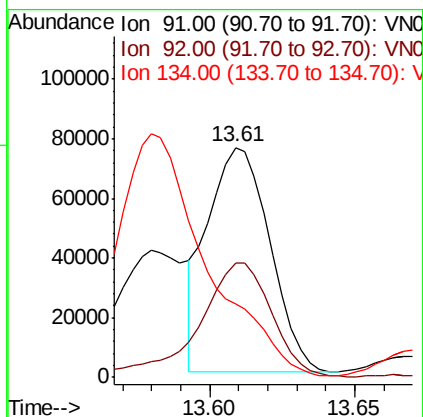
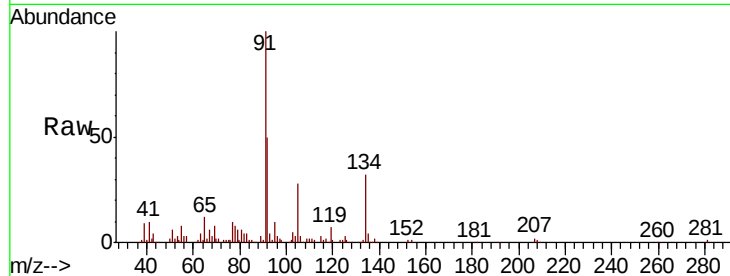




#89
n-Butylbenzene
Concen: 16.566 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

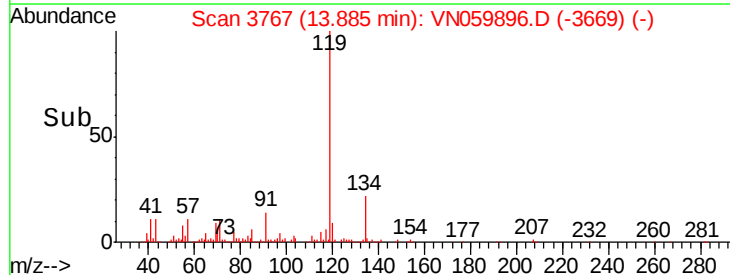
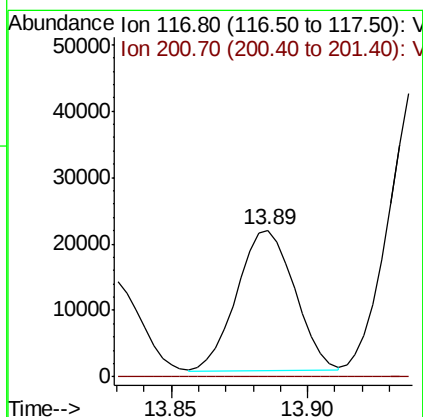
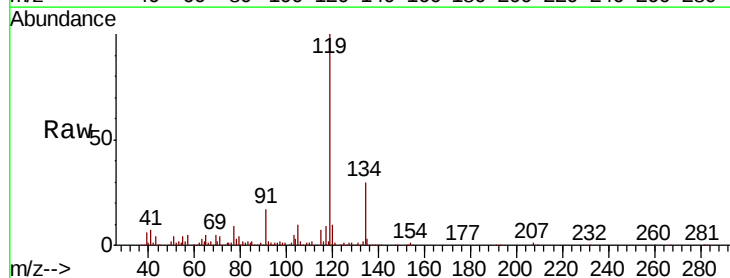
Instrument :
MSVOA_N
ClientSampleId :

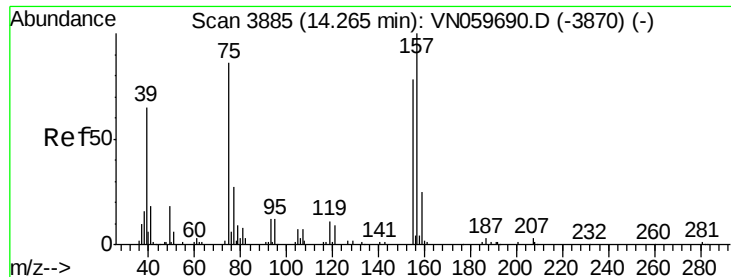
Tot Ion: 91 Resp: 112133
Ion Ratio Lower Upper
91 100
92 58.3 25.9 77.7
134 0.0 12.3 36.8#



#90
Hexachloroethane
Concen: 20.979 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 117 Resp: 31161
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.4#

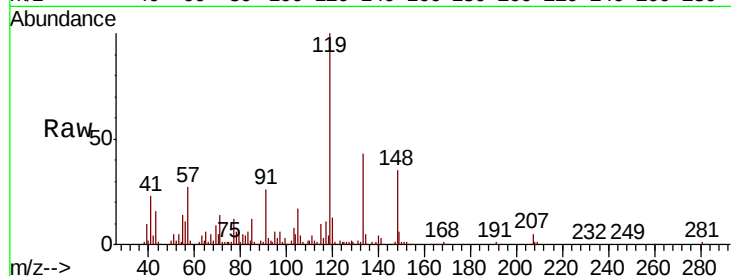




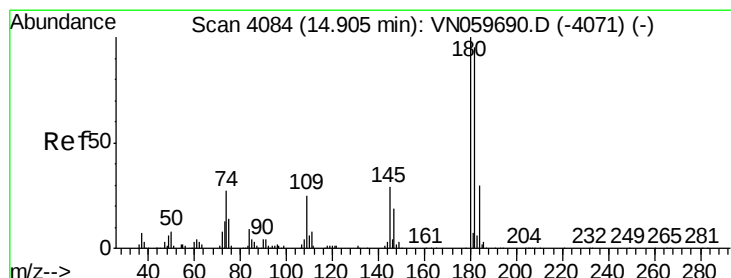
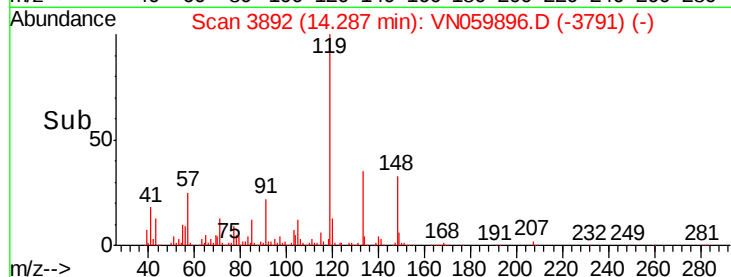
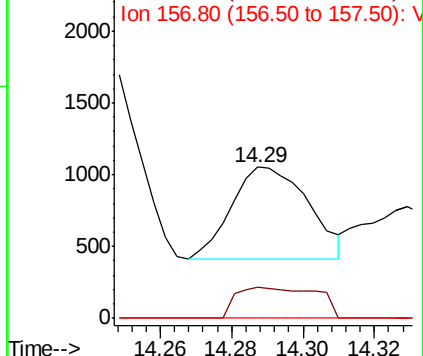
#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.29 min Scan# 3892
 Delta R.T. 0.02 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 951
 Ion Ratio Lower Upper
 75 100
 155 35.6 37.0 110.9#
 157 0.0 48.4 145.2#

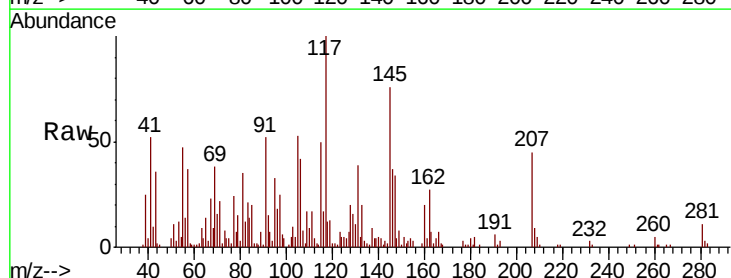


Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3870) (-)
 Ion 154.80 (154.50 to 155.50): VN059690.D (-3870) (-)
 Ion 156.80 (156.50 to 157.50): VN059690.D (-3870) (-)

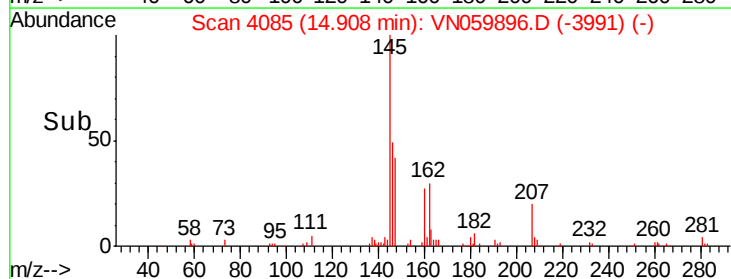
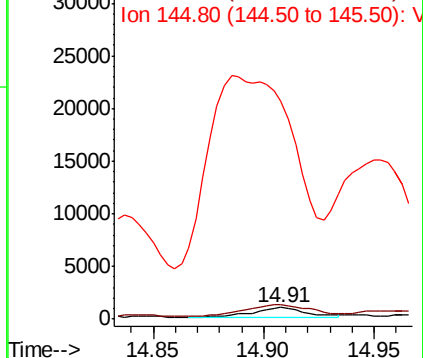


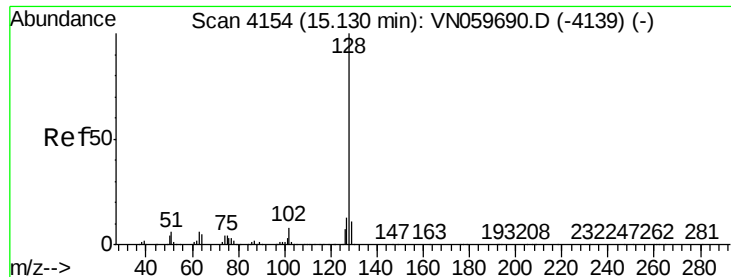
#93
 1,2,4-Trichlorobenzene
 Concen: 0.676 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Tgt Ion: 180 Resp: 1587
 Ion Ratio Lower Upper
 180 100
 182 139.3 46.9 140.7
 145 0.0 15.0 45.1#



Abundance Ion 179.80 (179.50 to 180.50): VN059690.D (-4071) (-)
 Ion 181.80 (181.50 to 182.50): VN059690.D (-4071) (-)
 Ion 144.80 (144.50 to 145.50): VN059690.D (-4071) (-)





#95

Naphthalene

Concen: 36.561 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

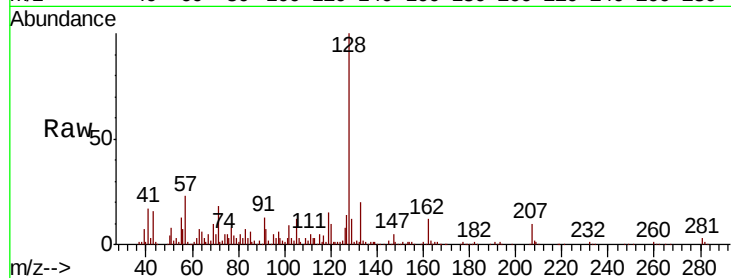
Tot Ion:128 Resp: 243977

Ion Ratio Lower Upper

128 100

127 14.7 10.4 15.6

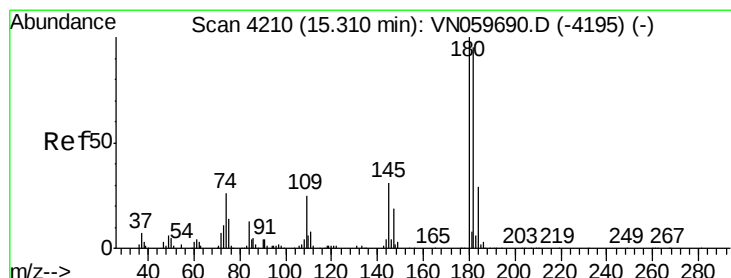
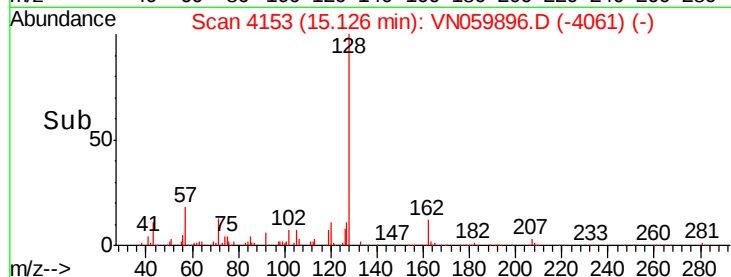
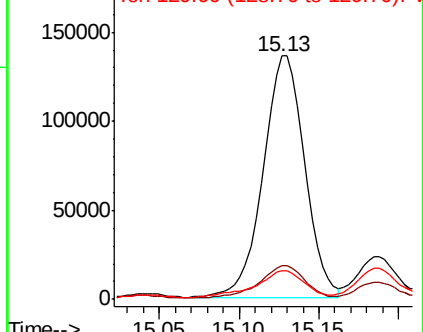
129 13.2 8.6 12.8#



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: 1.918 ug/l

RT: 15.33 min Scan# 4216

Delta R.T. 0.02 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

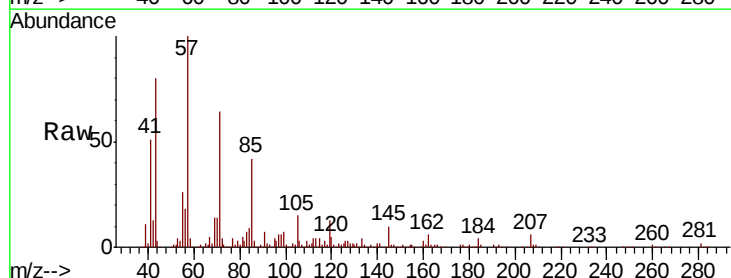
Tgt Ion:180 Resp: 4381

Ion Ratio Lower Upper

180 100

182 46.7 47.4 142.3#

145 1367.3 16.3 48.9#



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

