

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059340.D
 Acq On : 21 Nov 2019 16:55
 Operator : JC/SP
 Sample : K5957-13
 Misc : 4.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 06:04:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	385245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	599903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	394387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	217822	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	7.57	113	173480	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.08	98	773476	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.39	95	799209	159.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.50%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.72	59	3562	3.849	ug/l #	73
16) Acetone	3.80	43	444	0.214	ug/l #	42
17) Carbon Disulfide	4.01	76	1913	0.286	ug/l #	75
31) Cyclohexane	7.63	56	18220	2.239	ug/l #	49
36) 1,1-Dichloropropene	7.64	75	28580	4.615	ug/l #	50
38) Carbon Tetrachloride	7.64	117	35805	6.039	ug/l #	16
39) Methylcyclohexane	9.07	83	119886	16.053	ug/l	99
43) Isopropyl Acetate	8.12	43	2789	0.274	ug/l #	54
47) Bromodichloromethane	9.35	83	1668	0.280	ug/l #	53
48) Methyl methacrylate	9.13	41	7240	1.565	ug/l #	47
51) 4-Methyl-2-Pentanone	10.08	43	31216	5.243	ug/l #	71
55) 1,1,2-Trichloroethane	10.52	97	166364	39.149	ug/l #	19
56) Ethyl methacrylate	10.43	69	78205	12.612	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.72	63	590	22.987	ug/l #	49
59) 2-Hexanone	10.71	43	721788	165.557	ug/l #	28
60) Dibromochloromethane	10.82	129	1429	0.319	ug/l #	43
64) Tetrachloroethene	10.63	164	4020	1.001	ug/l	97
65) Chlorobenzene	11.54	112	62620	5.611	ug/l #	42
67) Ethyl Benzene	11.51	91	2049196	102.840	ug/l	99
68) m/p-Xylenes	11.62	106	45522	6.148	ug/l	82
69) o-Xylene	11.95	106	479953	67.710	ug/l	92
70) Styrene	11.95	104	23853	2.133	ug/l #	1
71) Bromoform	12.40	173	1117	0.364	ug/l #	1
73) Isopropylbenzene	12.25	105	2435271	75.378	ug/l	98
74) N-amyl acetate	12.05	43	3569360	274.903	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.47	83	460971	43.132	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	44723	4.909	ug/l #	100
78) n-propylbenzene	12.60	91	5425090	148.242	ug/l	79
79) 2-Chlorotoluene	12.66	91	2041569	90.887	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.66	105	7426263	273.439	ug/l	85
81) trans-1,4-Dichloro-2-buten	12.25	75	26517	7.279	ug/l #	4
82) 4-Chlorotoluene	12.74	91	1476564	63.522	ug/l #	53
83) tert-Butylbenzene	13.00	119	532814	23.229	ug/l	93
84) 1,2,4-Trimethylbenzene	12.90	105	5413573	203.486	ug/l	97

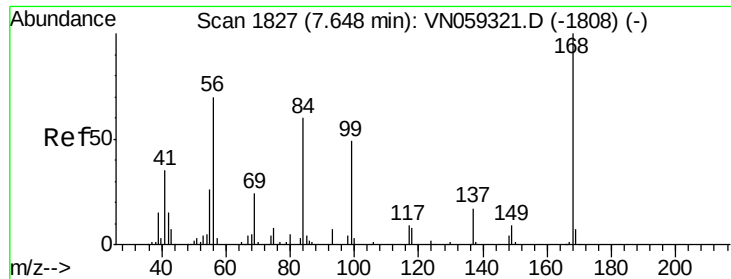
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112119\
Data File : VN059340.D
Acq On : 21 Nov 2019 16:55
Operator : JC/SP
Sample : K5957-13
Misc : 4.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.18	105	3760562	121.980	ug/l #	62
86) p-Isopropyltoluene	13.29	119	3693437	134.632	ug/l	92
89) n-Butylbenzene	13.62	91	3139579	130.459	ug/l #	66
90) Hexachloroethane	13.89	117	572599	110.211	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23352	10.277	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	1318	3.086	ug/l #	1
95) Naphthalene	15.13	128	1883138	79.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	490	1.959	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

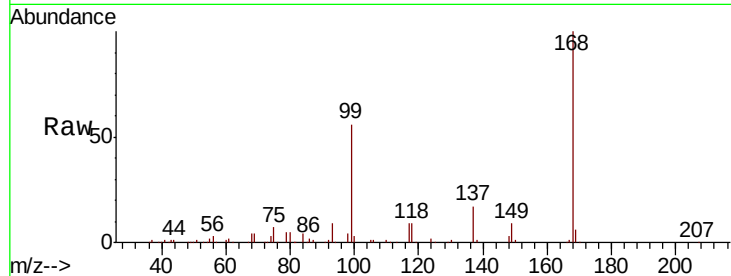
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 385245

Ion Ratio Lower Upper

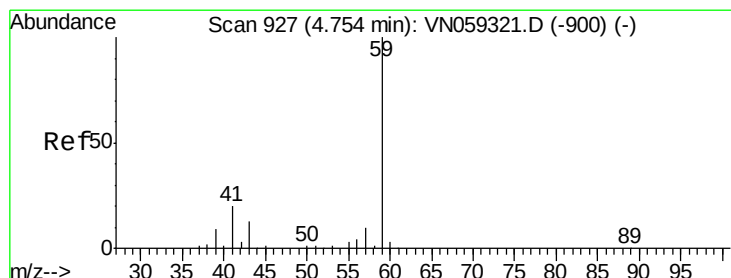
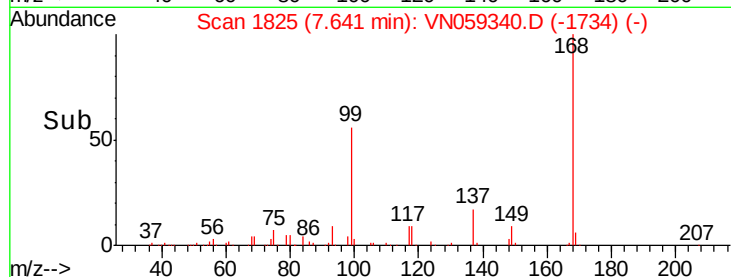
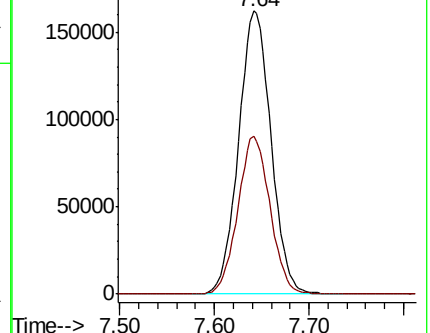
168 100

99 55.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 3.849 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN059340.D

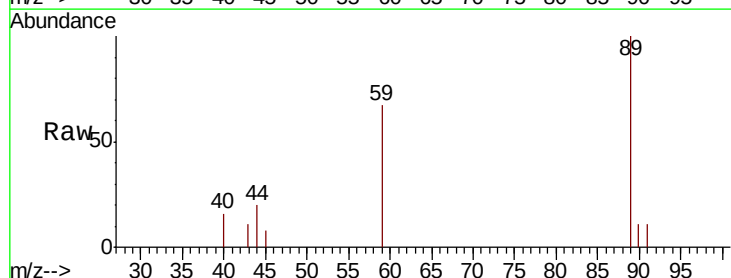
Acq: 21 Nov 2019 16:55

Tgt Ion: 59 Resp: 3562

Ion Ratio Lower Upper

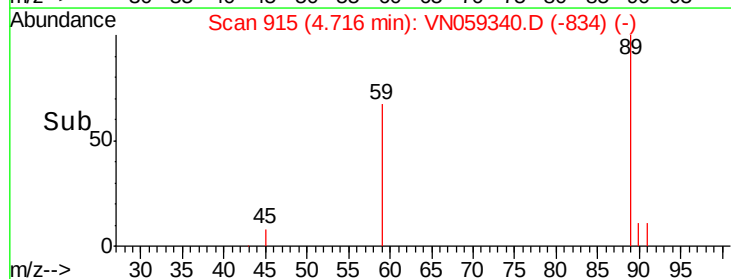
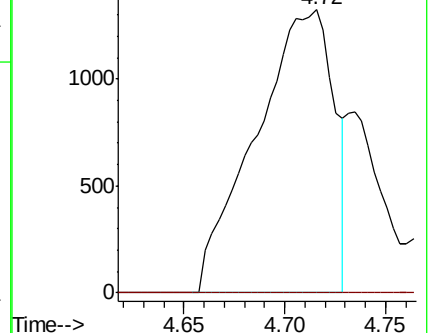
59 100

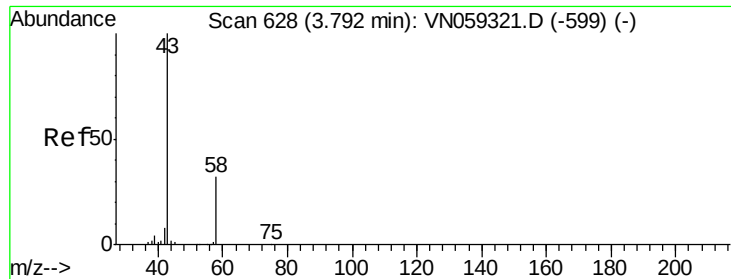
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 0.214 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

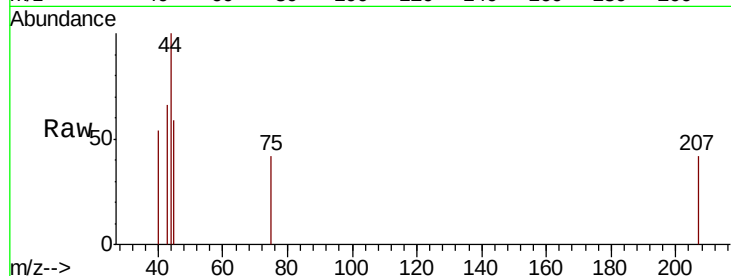
ClientSampled :

Tot Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

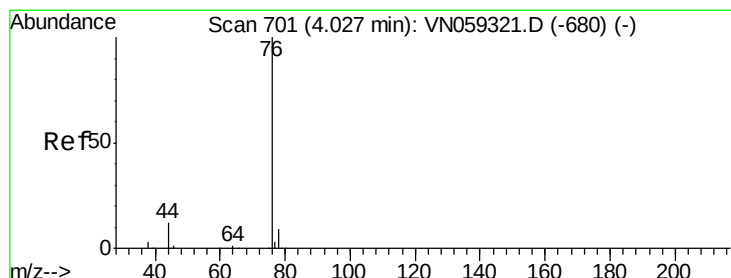
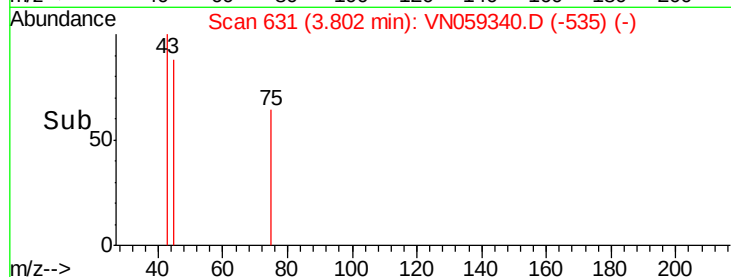
300

200

100

0

Time-->



#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.02 min

Lab File: VN059340.D

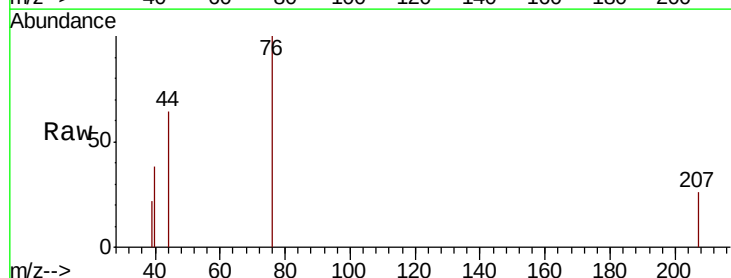
Acq: 21 Nov 2019 16:55

Tgt Ion: 76 Resp: 1913

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

1000

800

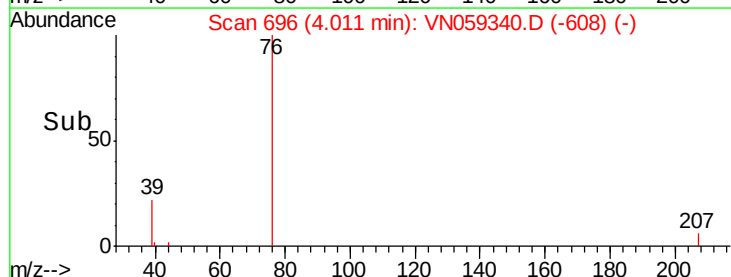
600

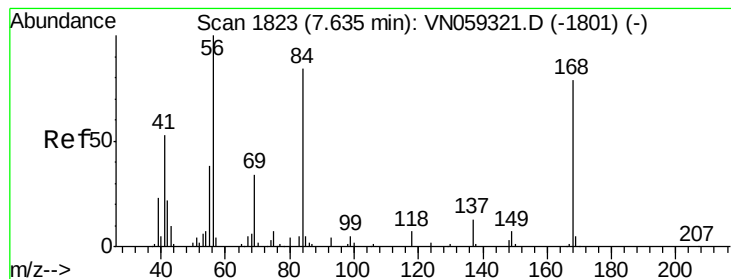
400

200

0

Time-->





#31

Cyclohexane

Concen: 2.239 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

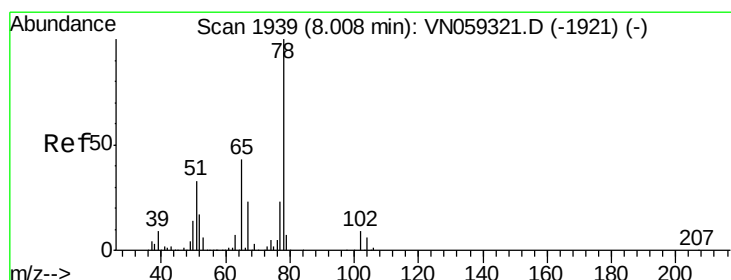
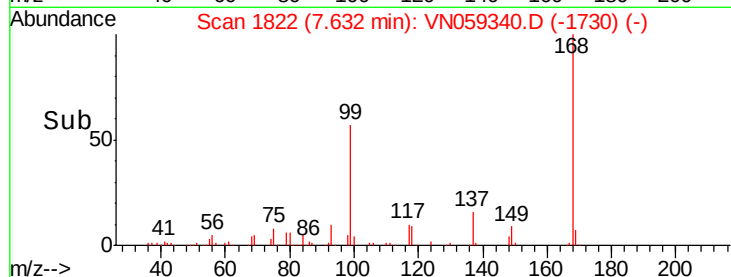
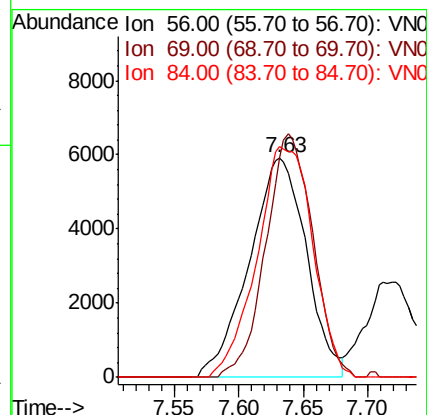
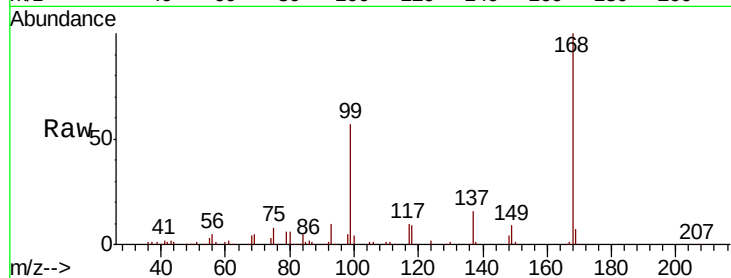
Tot Ion: 56 Resp: 18220

Ion Ratio Lower Upper

56 100

69 99.8 26.6 40.0#

84 105.5 67.0 100.4#



#33

1,2-Dichloroethane-d4

Concen: 47.124 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059340.D

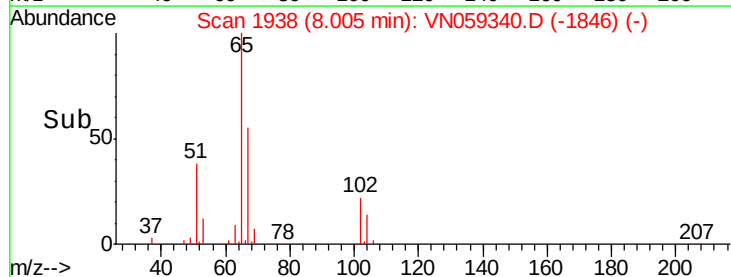
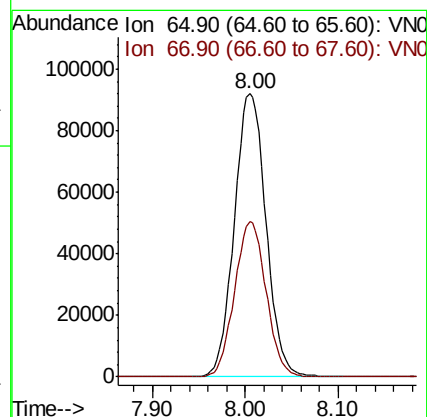
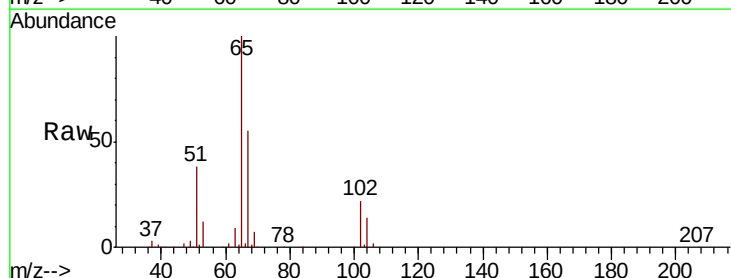
Acq: 21 Nov 2019 16:55

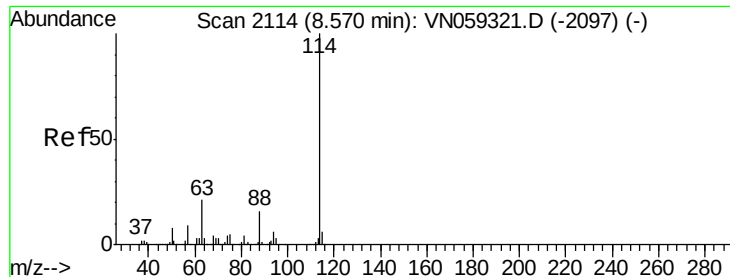
Tgt Ion: 65 Resp: 217822

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4

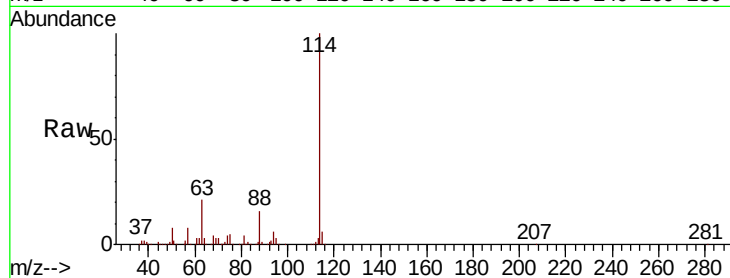




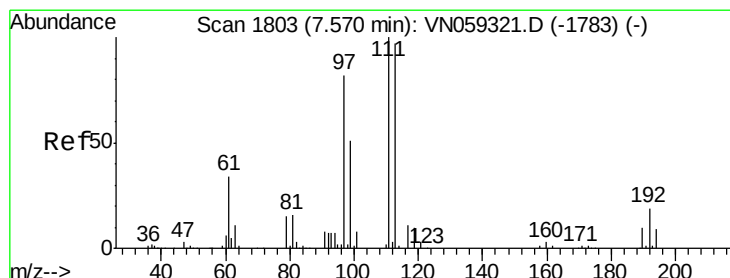
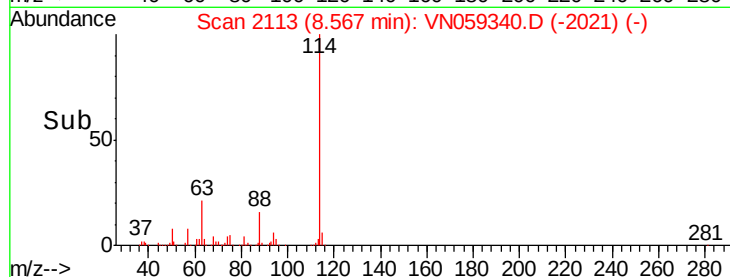
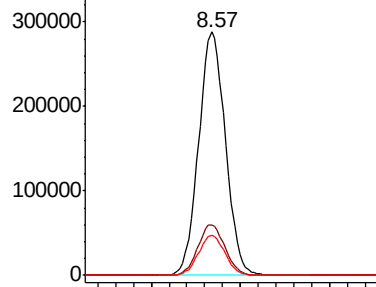
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.2
88	16.5	0.0	32.2

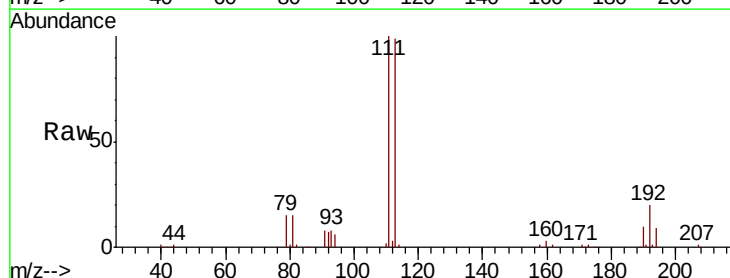


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

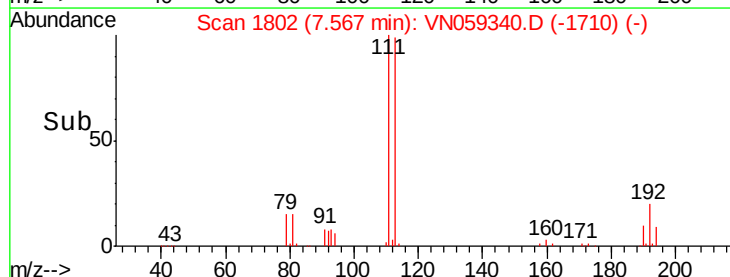
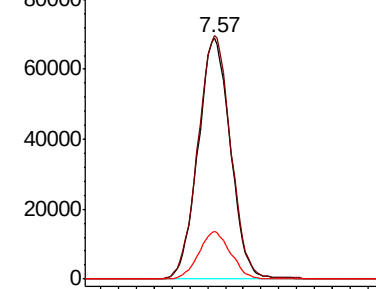


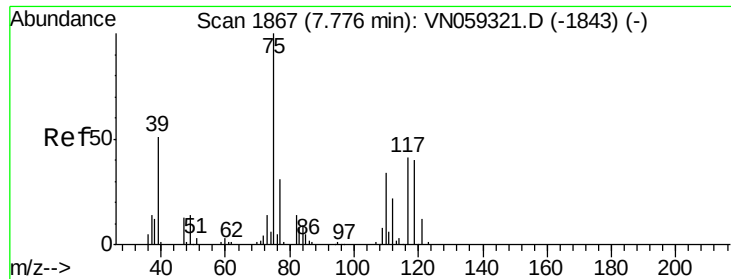
#35
Dibromofluoromethane
Concen: 48.201 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	19.5	16.3	24.5



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

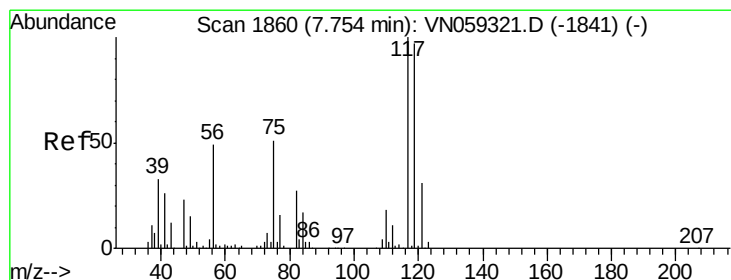
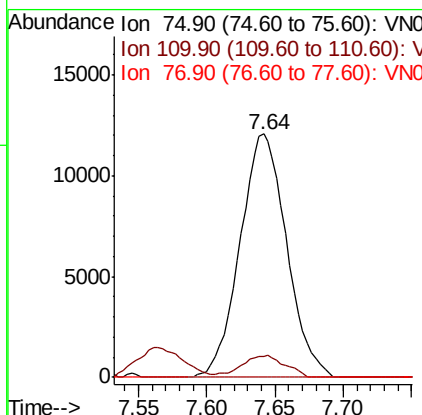
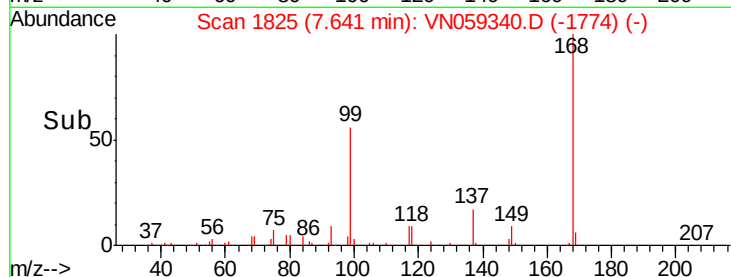
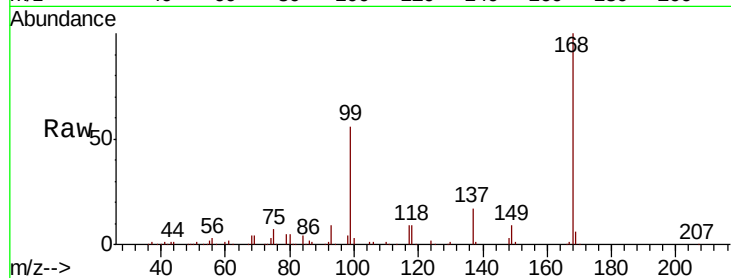




#36
 1,1-Dichloropropene
 Concen: 4.615 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059340.D
 Acq: 21 Nov 2019 16:55

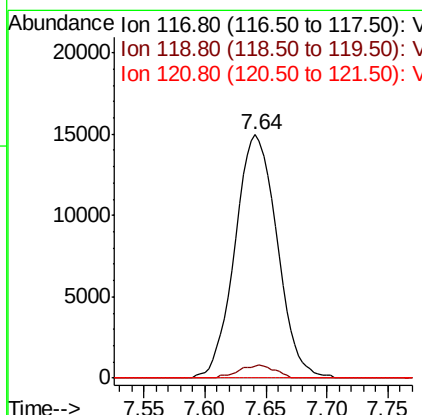
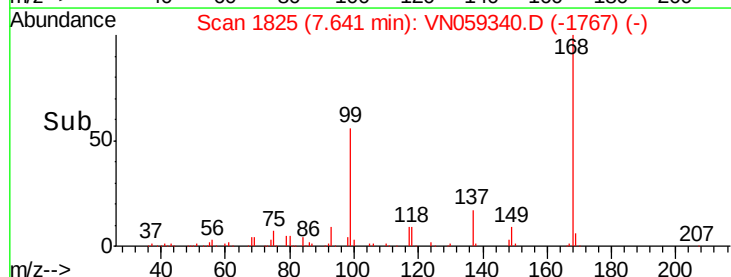
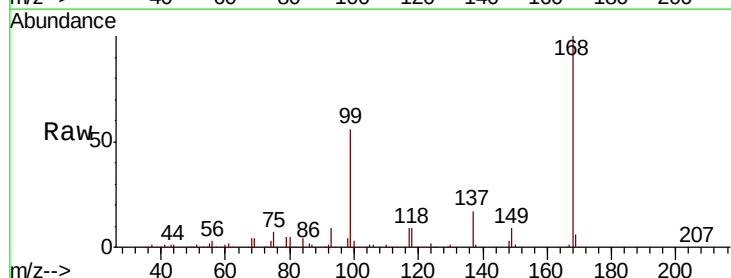
Instrument :
 MSVOA_N
 ClientSampleId :

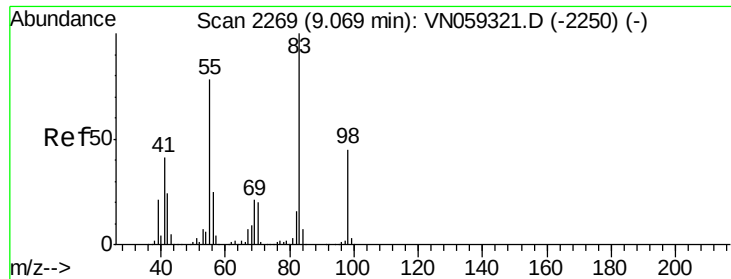
Tot Ion: 75 Resp: 28580
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 51.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.039 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059340.D
 Acq: 21 Nov 2019 16:55

Tgt Ion: 117 Resp: 35805
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.0 115.4#
 121 0.0 24.4 36.6#

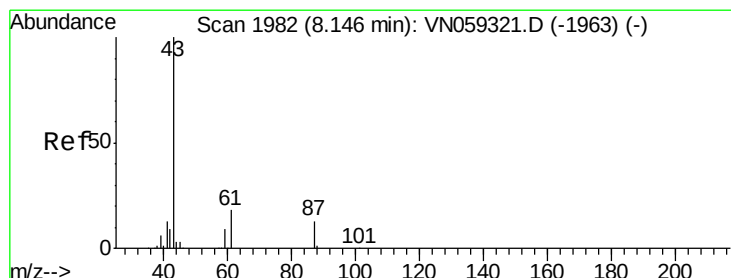
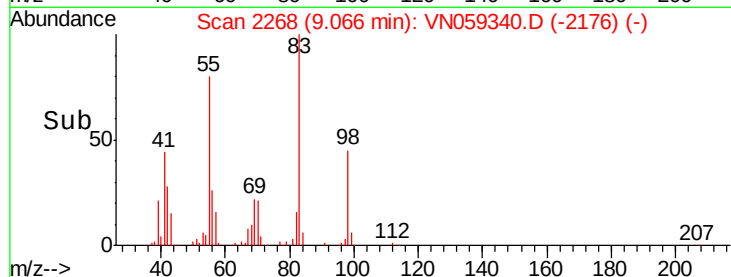
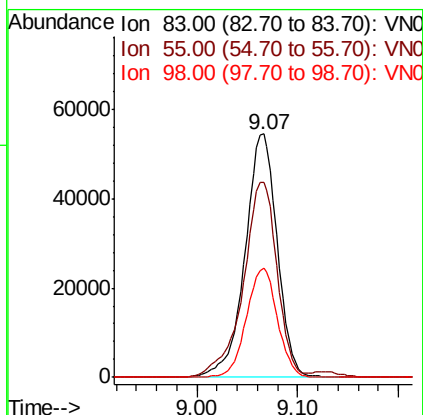
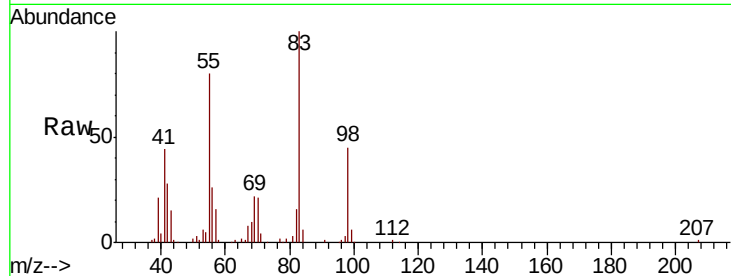




#39
Methylvlcyclohexane
Concen: 16.053 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

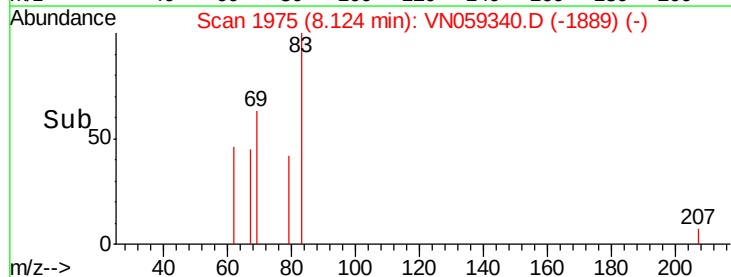
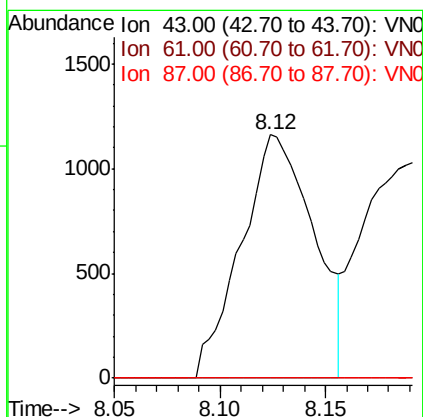
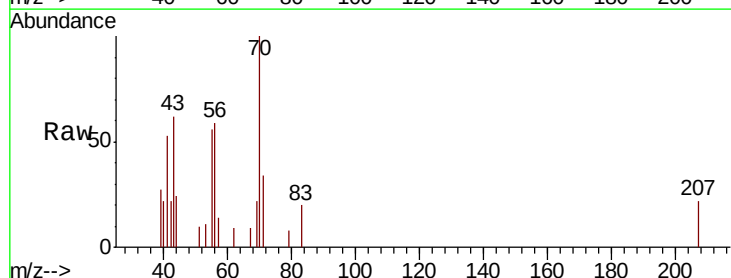
Instrument :
MSVOA_N
ClientSampleId :

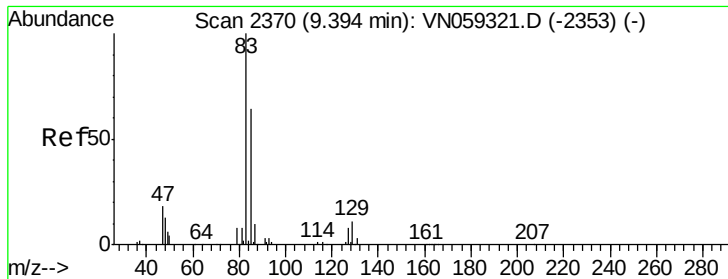
Tot Ion: 83 Resp: 119886
Ion Ratio Lower Upper
83 100
55 79.9 62.3 93.5
98 45.0 36.0 54.0



#43
Isopropyl Acetate
Concen: 0.274 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.02 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion: 43 Resp: 2789
Ion Ratio Lower Upper
43 100
61 0.0 21.7 32.5#
87 0.0 10.2 15.4#





#47

Bromodichloromethane

Concen: 0.280 ug/l

RT: 9.35 min Scan# 2357

Delta R.T. -0.04 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

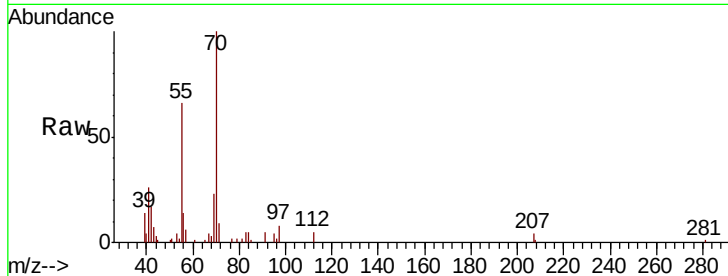
Tot Ion: 83 Resp: 1668

Ion Ratio Lower Upper

83 100

85 25.3 51.5 77.3#

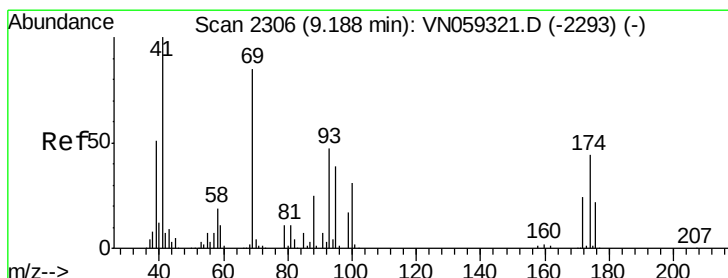
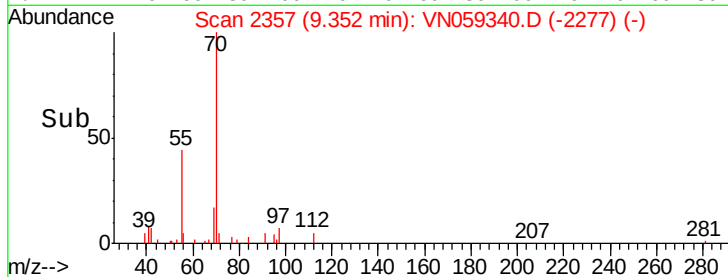
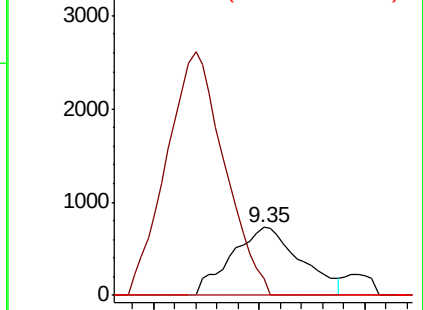
127 0.0 6.6 10.0#



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



#48

Methyl methacrylate

Concen: 1.565 ug/l

RT: 9.13 min Scan# 2287

Delta R.T. -0.06 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

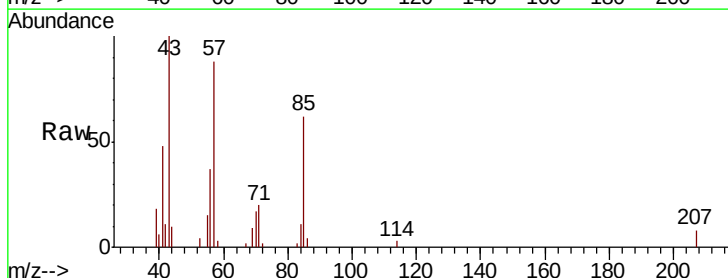
Tgt Ion: 41 Resp: 7240

Ion Ratio Lower Upper

41 100

69 18.4 68.8 103.2#

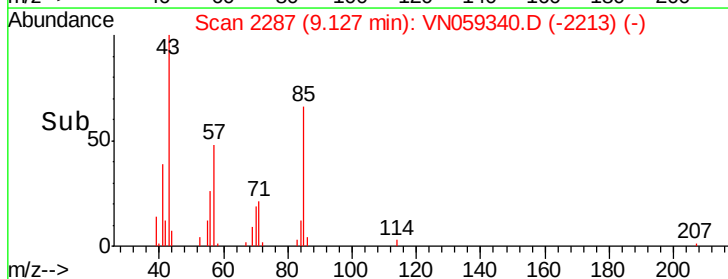
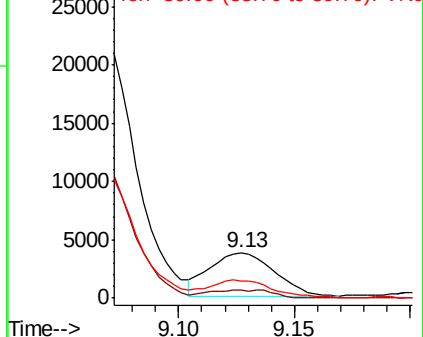
39 39.4 42.1 63.1#

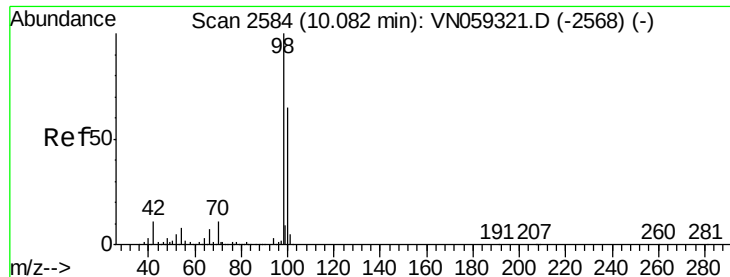


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 54.059 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

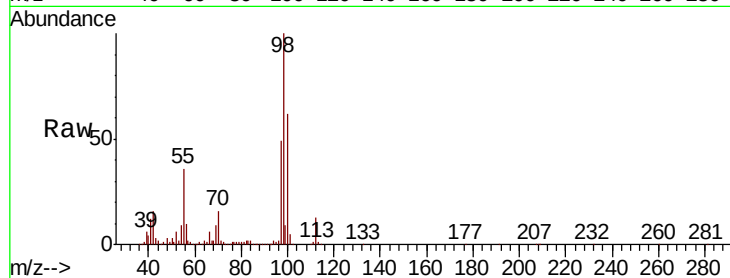
ClientSampled :

Tot Ion: 98 Resp: 773476

Ion Ratio Lower Upper

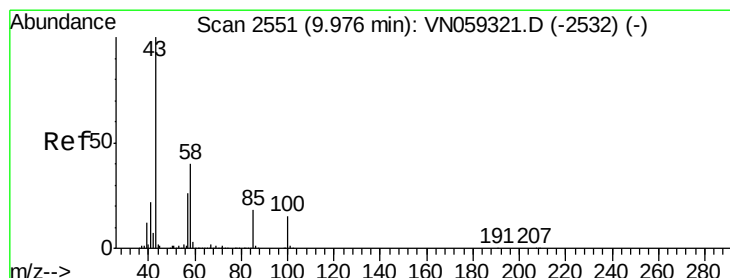
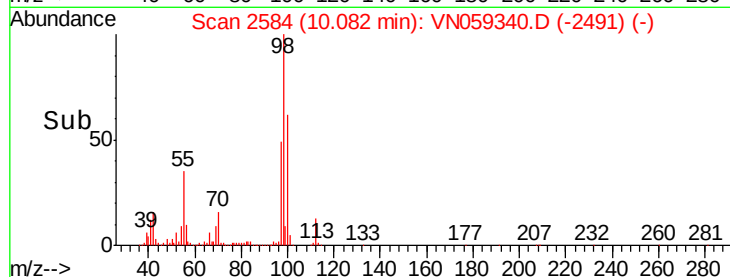
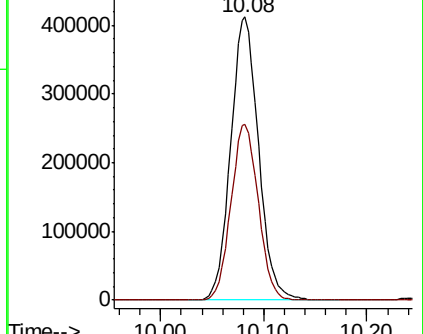
98 100

100 61.2 51.7 77.5



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: 5.243 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.10 min

Lab File: VN059340.D

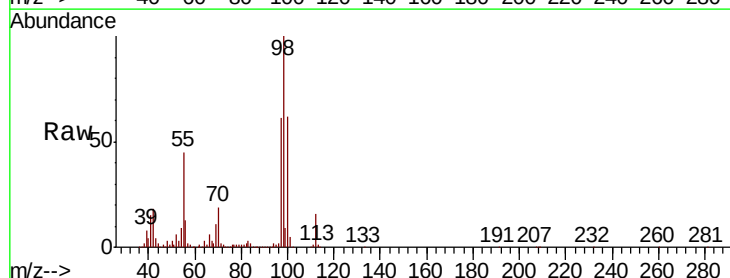
Acq: 21 Nov 2019 16:55

Tgt Ion: 43 Resp: 31216

Ion Ratio Lower Upper

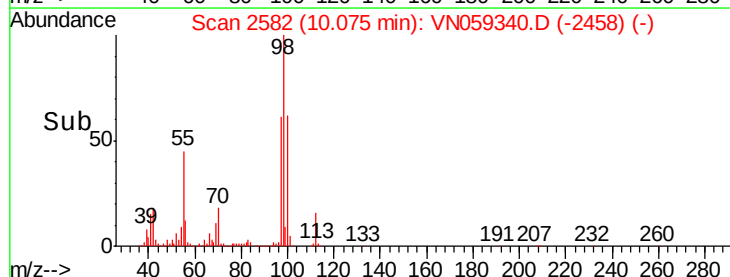
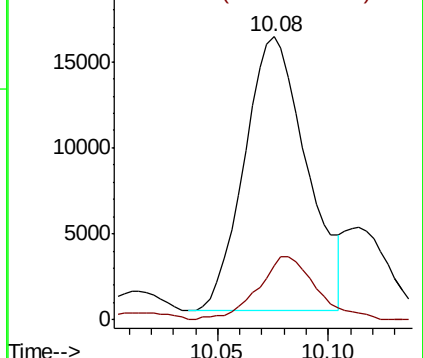
43 100

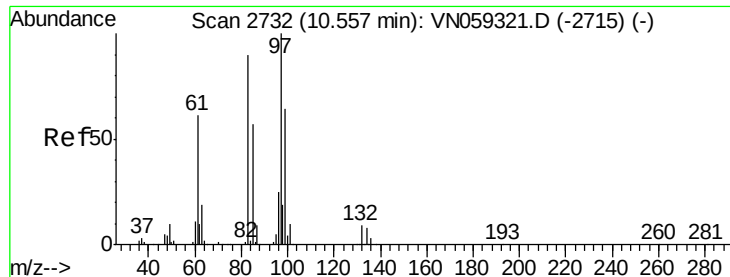
58 21.7 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

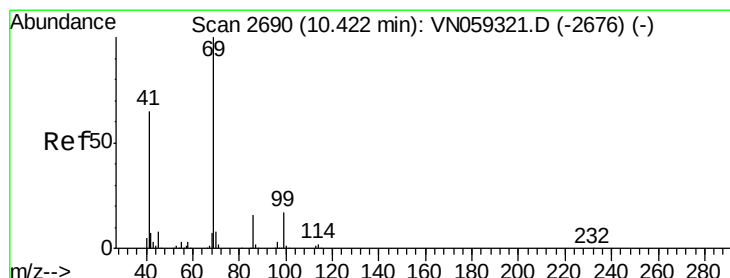
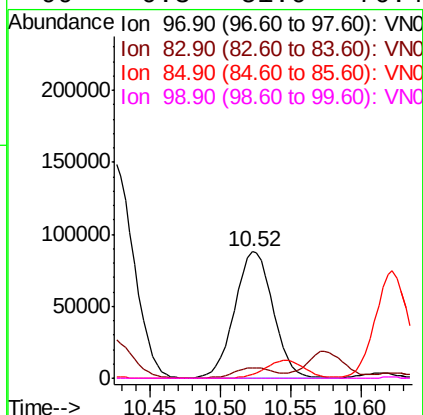
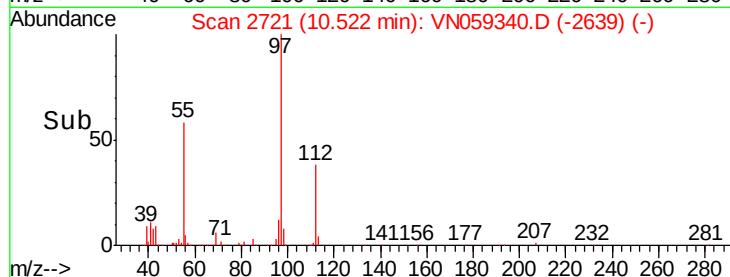
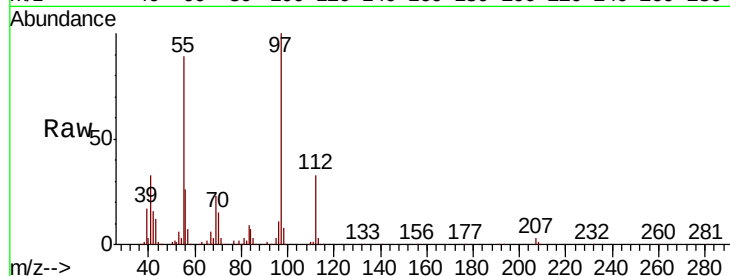




#55
 1,1,2-Trichloroethane
 Concen: 39.149 ug/l
 RT: 10.52 min Scan# 2721
 Delta R.T. -0.04 min
 Lab File: VN059340.D
 Acq: 21 Nov 2019 16:55

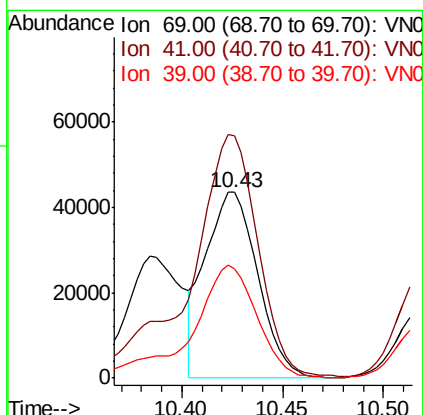
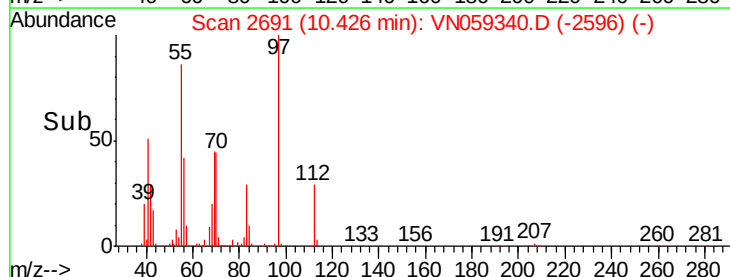
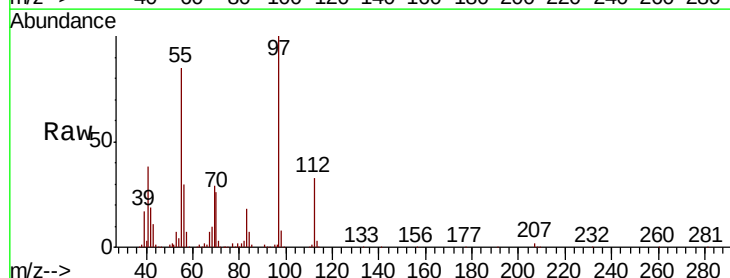
Instrument :
 MSVOA_N
 ClientSampleId :

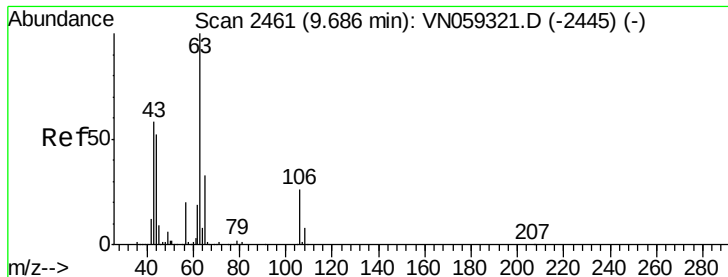
Tot Ion: 97 Resp: 166364
 Ion Ratio Lower Upper
 97 100
 83 8.6 72.0 108.0#
 85 2.7 45.8 68.6#
 99 0.3 51.0 76.4#



#56
 Ethyl methacrylate
 Concen: 12.612 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN059340.D
 Acq: 21 Nov 2019 16:55

Tgt Ion: 69 Resp: 78205
 Ion Ratio Lower Upper
 69 100
 41 170.8 51.7 77.5#
 39 76.4 25.2 37.8#





#58

2-Chloroethyl Vinyl ether

Concen: 22.987 ug/l

RT: 9.72 min Scan# 2471

Delta R.T. 0.03 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

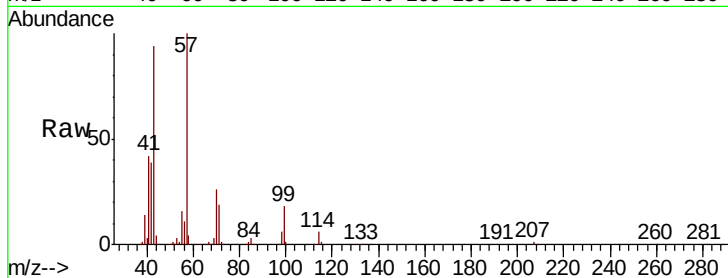
ClientSampleId :

Tot Ion: 63 Resp: 590

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0

9.72

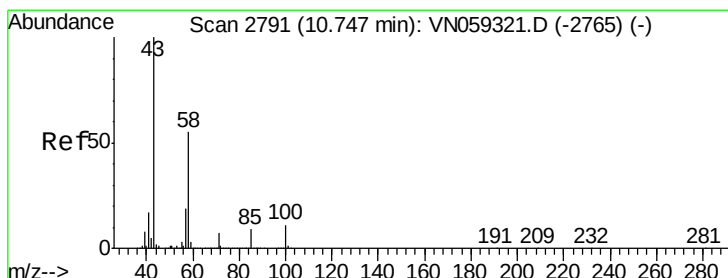
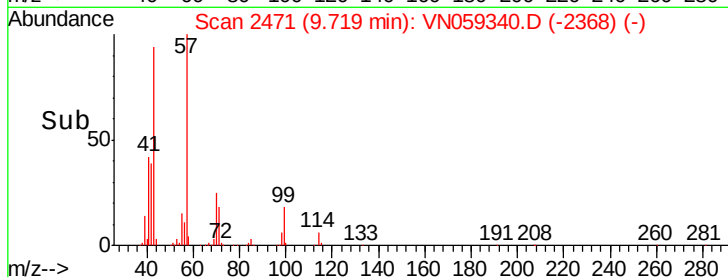
300

200

100

0

Time-->



#59

2-Hexanone

Concen: 165.557 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.04 min

Lab File: VN059340.D

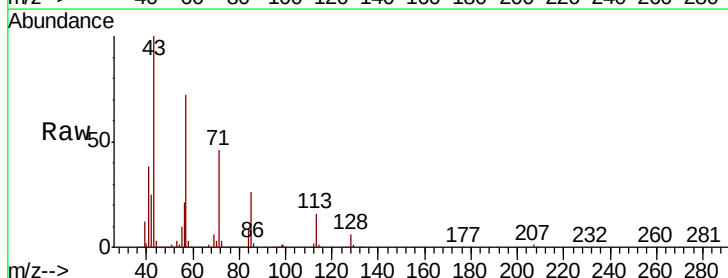
Acq: 21 Nov 2019 16:55

Tgt Ion: 43 Resp: 721788

Ion Ratio Lower Upper

43 100

58 3.3 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

500000

400000

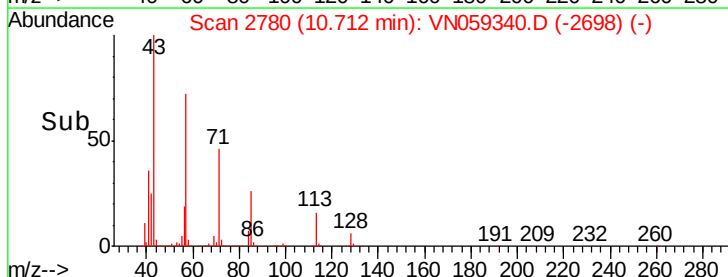
300000

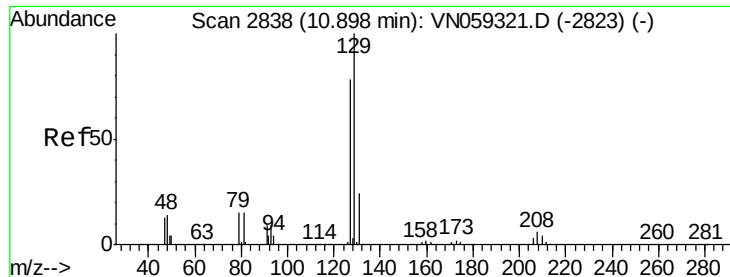
200000

100000

0

Time-->

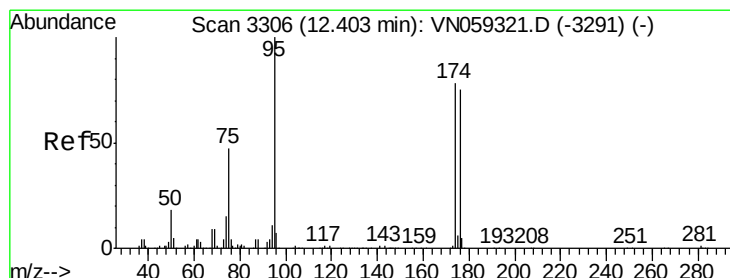
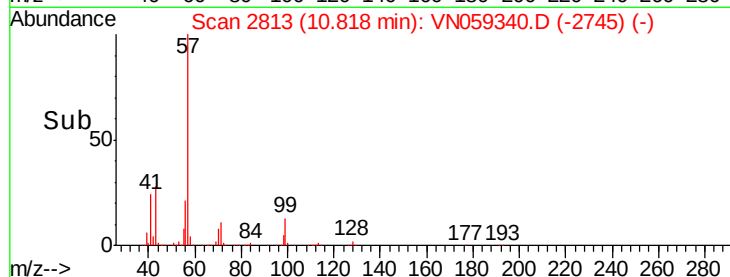
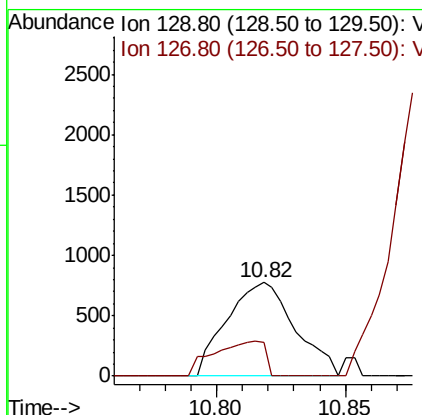
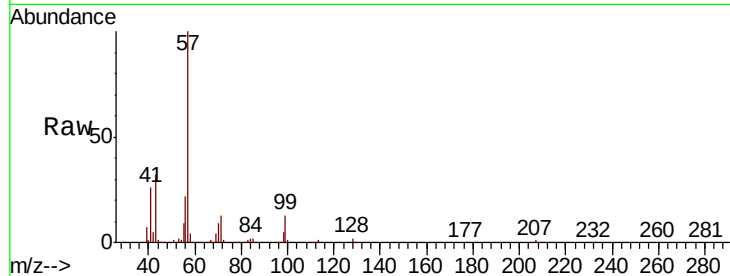




#60
Dibromochloromethane
Concen: 0.319 ug/l
RT: 10.82 min Scan# 2813
Delta R.T. -0.08 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

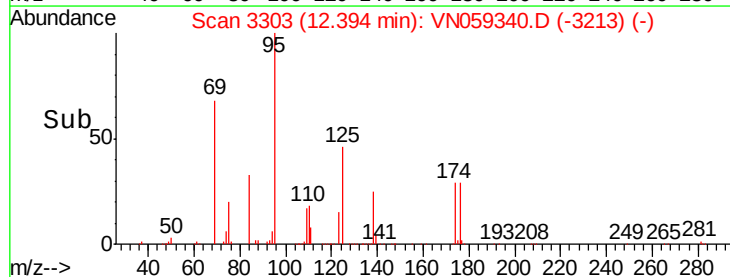
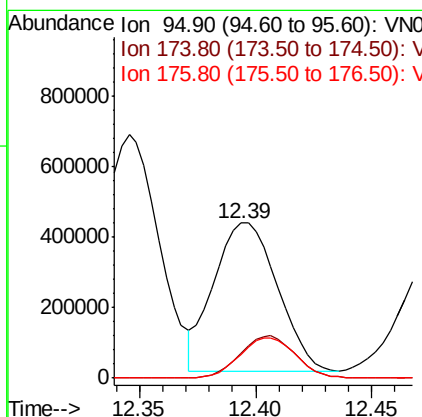
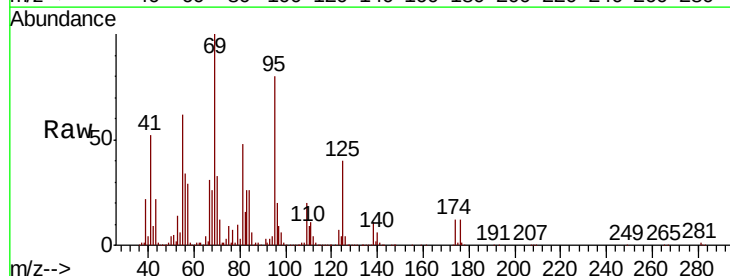
Instrument :
MSVOA_N
ClientSampled :

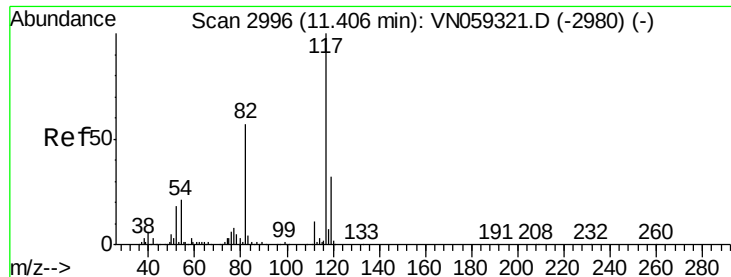
Tot Ion:129 Resp: 1429
Ion Ratio Lower Upper
129 100
127 28.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 159.751 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.01 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion: 95 Resp: 799209
Ion Ratio Lower Upper
95 100
174 24.9 0.0 157.4
176 24.3 0.0 151.2

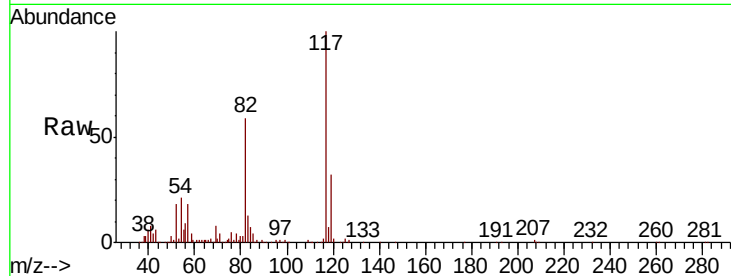




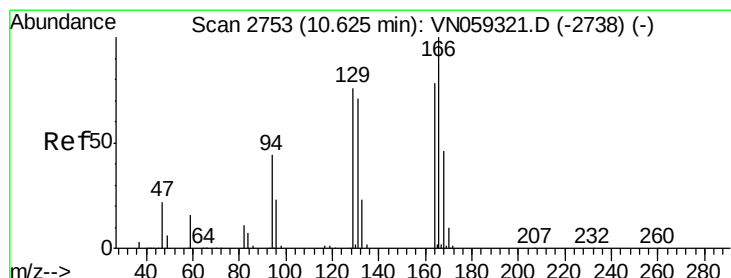
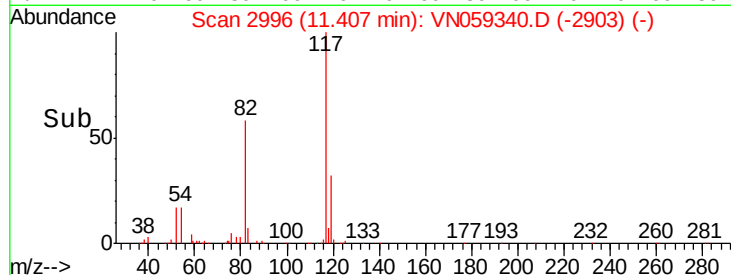
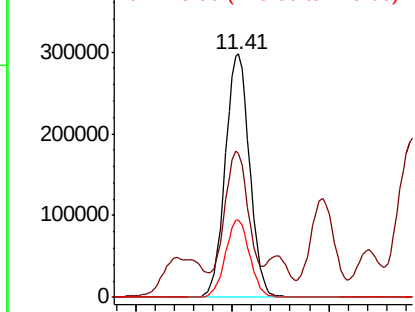
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 519014
Ion Ratio Lower Upper
117 100
82 43.8 45.7 68.5#
119 31.9 25.8 38.6

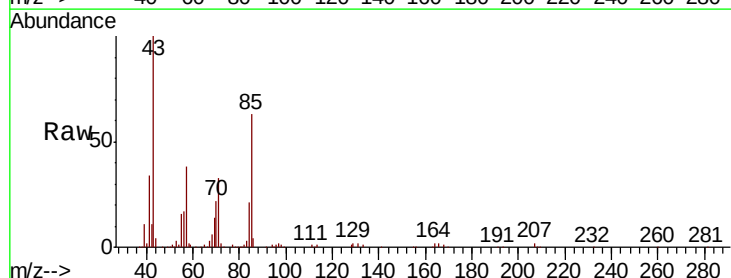


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

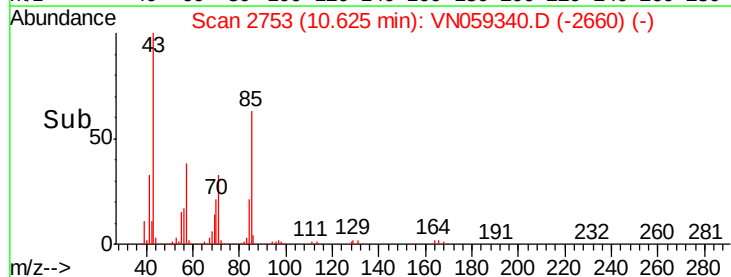
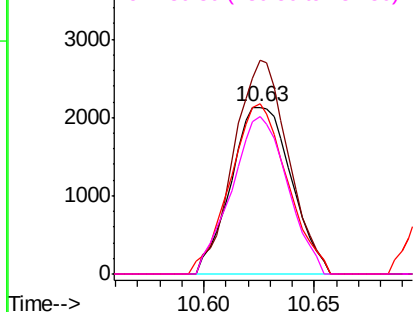


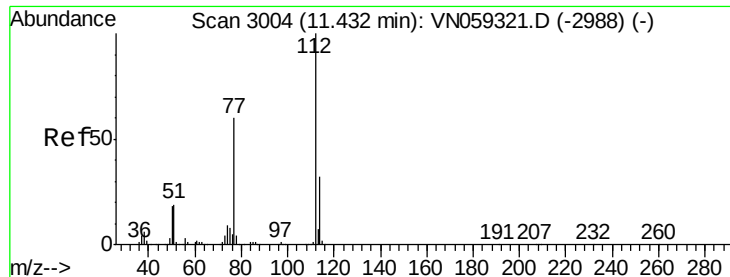
#64
Tetrachloroethene
Concen: 1.001 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion:164 Resp: 4020
Ion Ratio Lower Upper
164 100
166 128.0 102.9 154.3
129 102.0 78.2 117.2
131 94.2 72.6 109.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.611 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.11 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

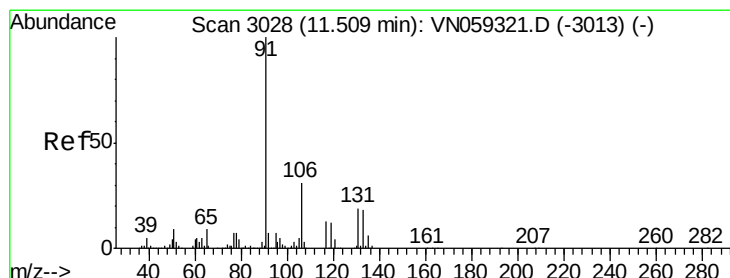
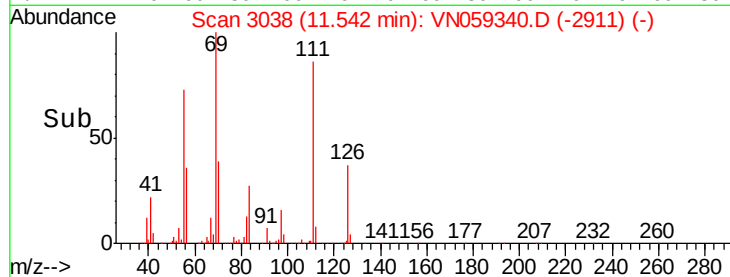
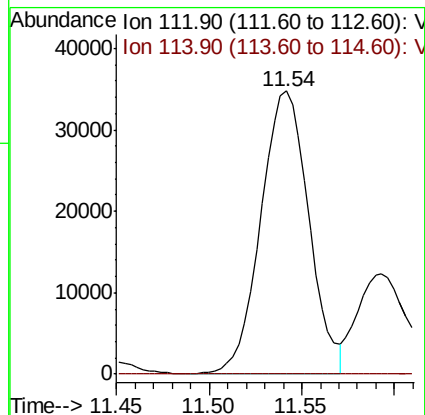
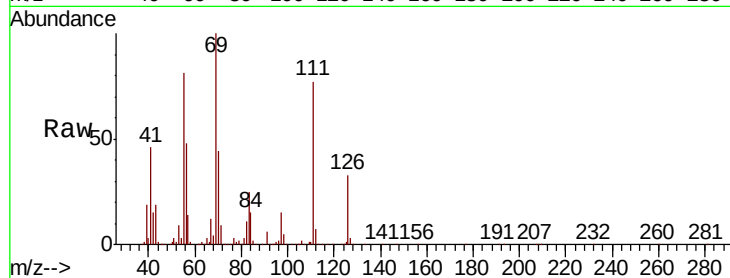
ClientSampleId :

Tot Ion:112 Resp: 62620

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#



#67

Ethyl Benzene

Concen: 102.840 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059340.D

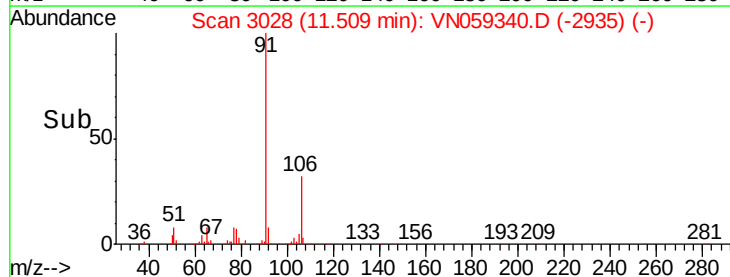
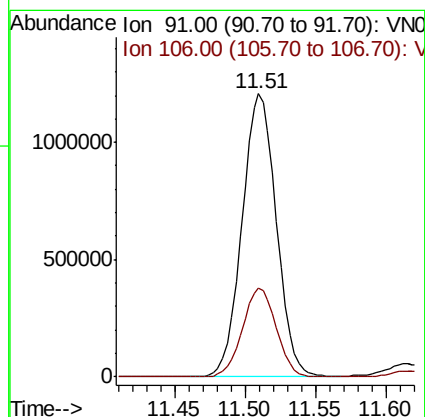
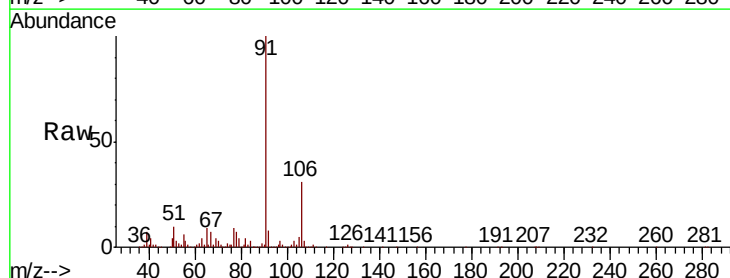
Acq: 21 Nov 2019 16:55

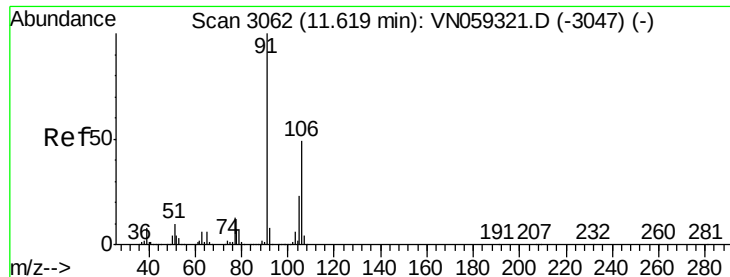
Tgt Ion: 91 Resp: 2049196

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0

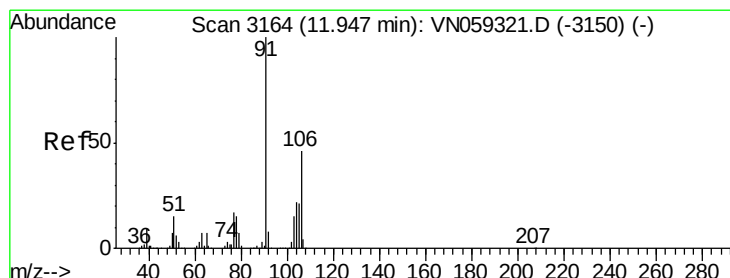
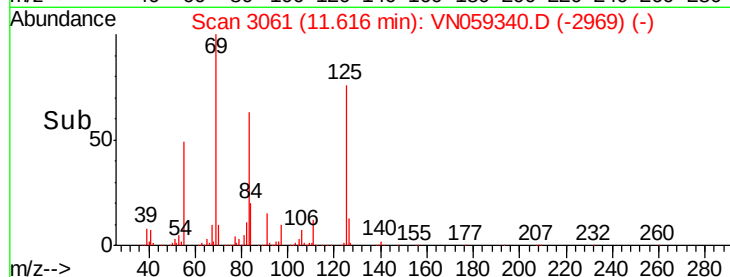
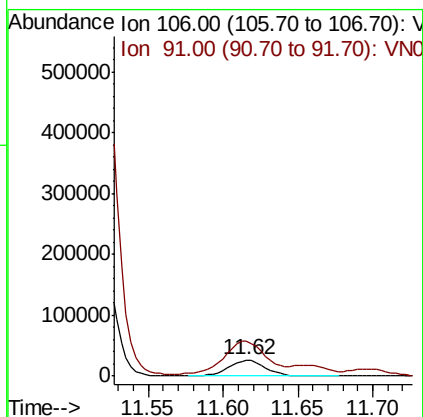
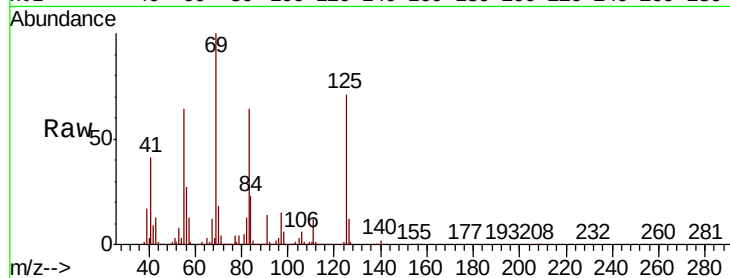




#68
m/p-Xylenes
Concen: 6.148 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

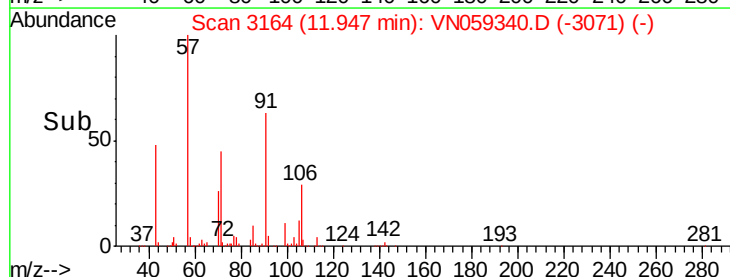
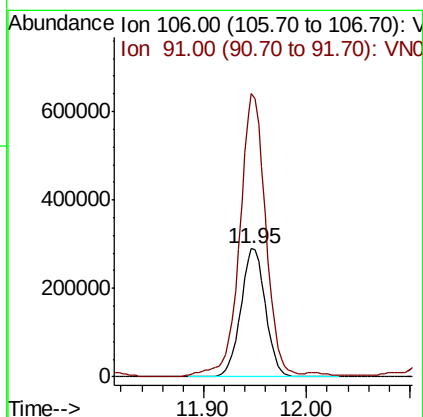
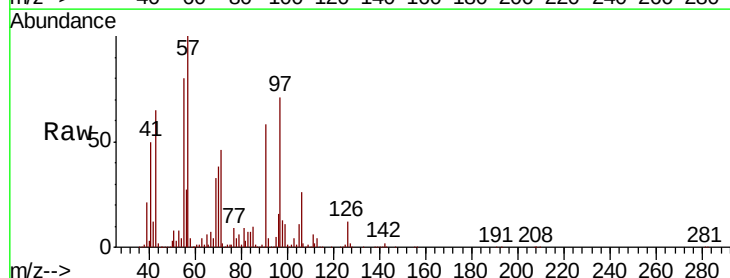
Instrument :
MSVOA_N
ClientSampleId :

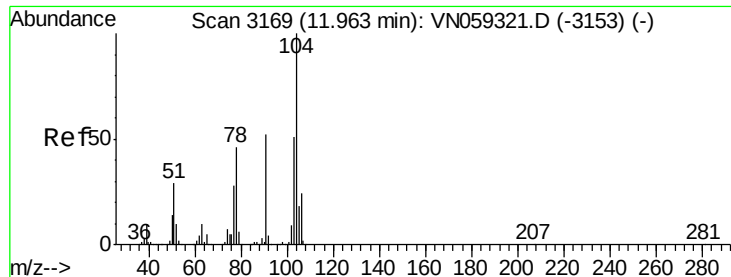
Tot Ion:106 Resp: 45522
Ion Ratio Lower Upper
106 100
91 231.9 163.2 244.8



#69
o-Xylene
Concen: 67.710 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion:106 Resp: 479953
Ion Ratio Lower Upper
106 100
91 232.2 109.3 327.9





#70

Stvrene

Concen: 2.133 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

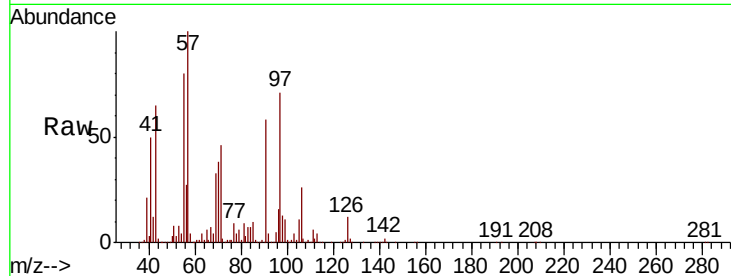
Tot Ion:104 Resp: 23853

Ion Ratio Lower Upper

104 100

78 429.9 40.3 60.5#

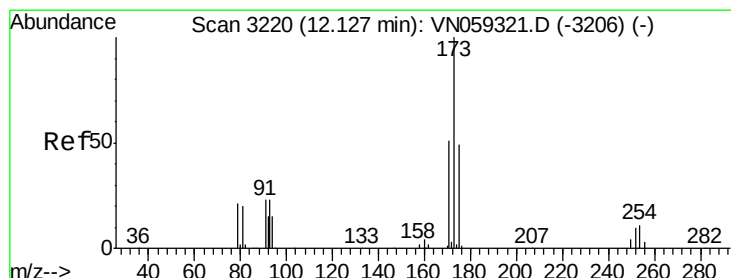
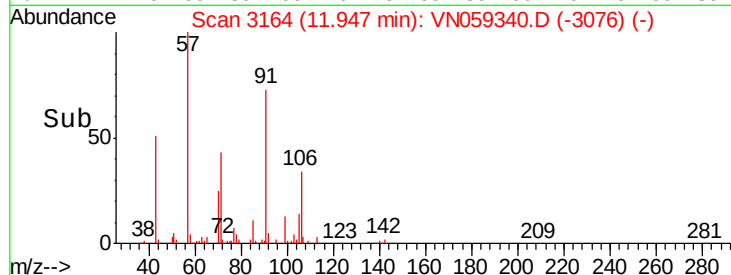
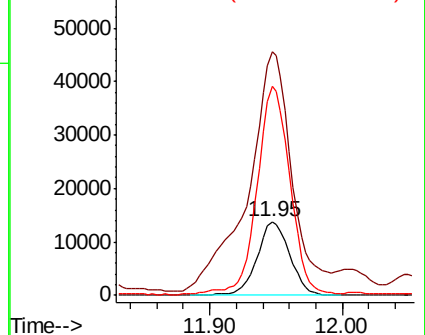
103 281.0 43.6 65.4#



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: 0.364 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

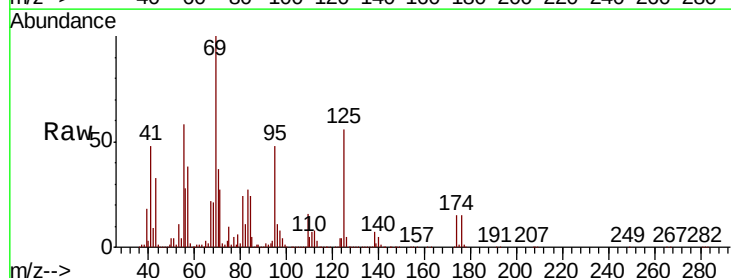
Tgt Ion:173 Resp: 1117

Ion Ratio Lower Upper

173 100

175 1017.1 24.6 73.6#

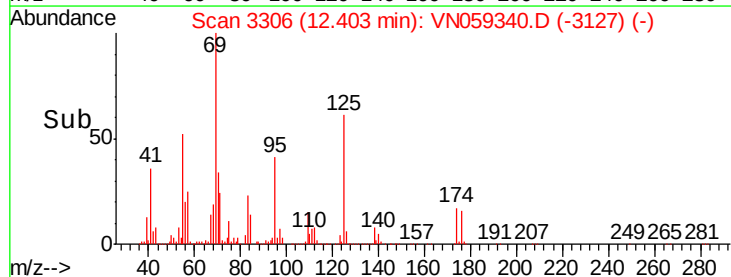
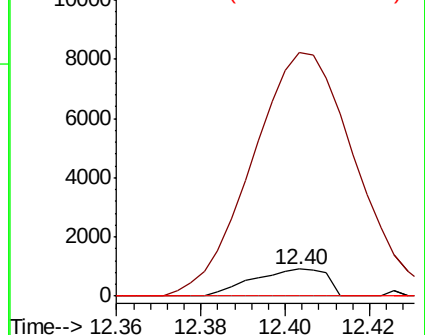
254 0.0 0.1 0.1#

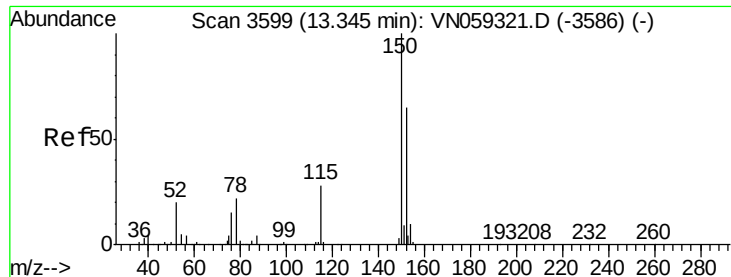


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

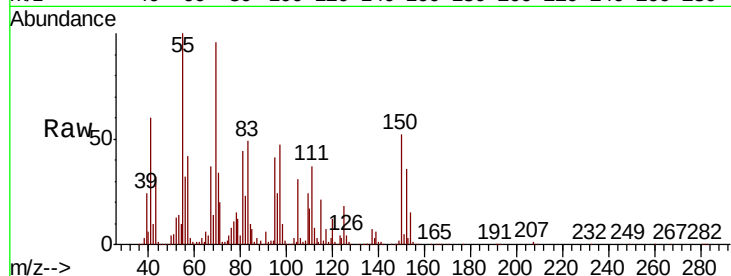
Tot Ion:152 Resp: 394387

Ion Ratio Lower Upper

152 100

115 0.0 29.3 88.0#

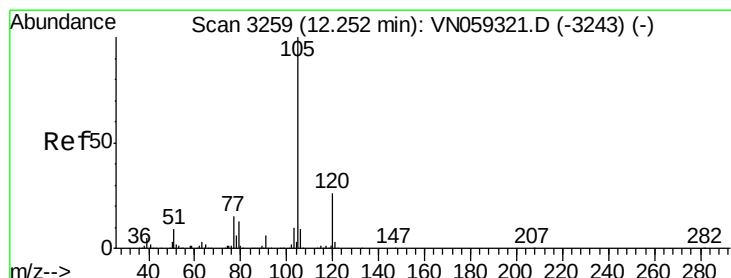
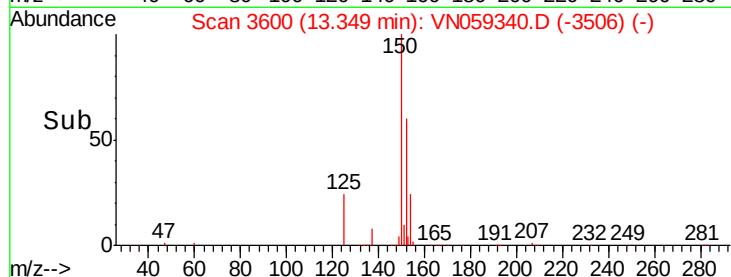
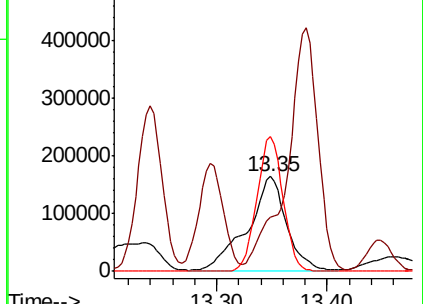
150 97.4 0.0 346.0



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: 75.378 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059340.D

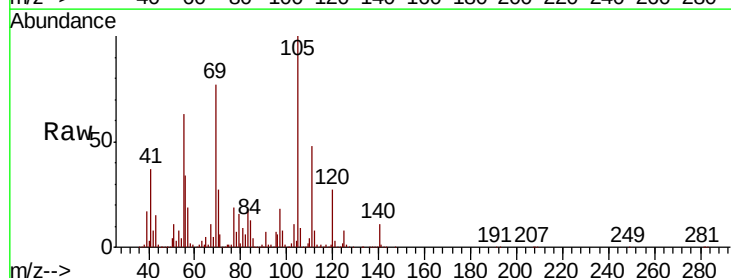
Acq: 21 Nov 2019 16:55

Tgt Ion:105 Resp: 2435271

Ion Ratio Lower Upper

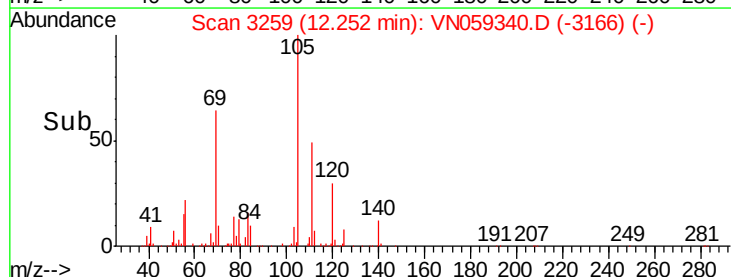
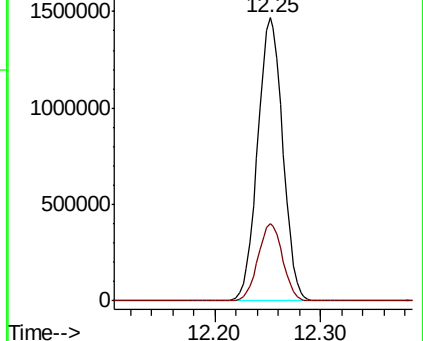
105 100

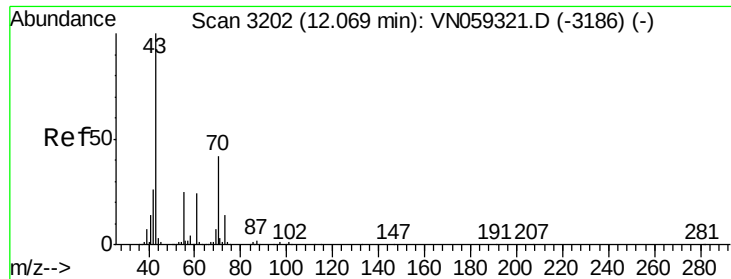
120 27.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 274.903 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

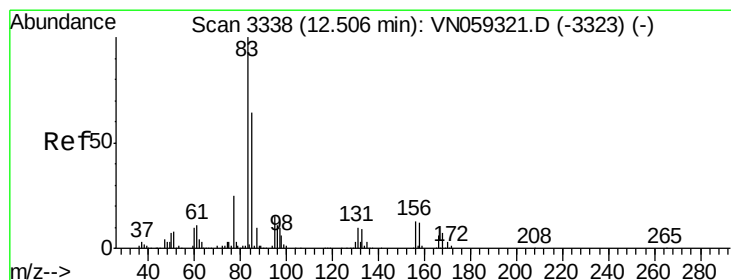
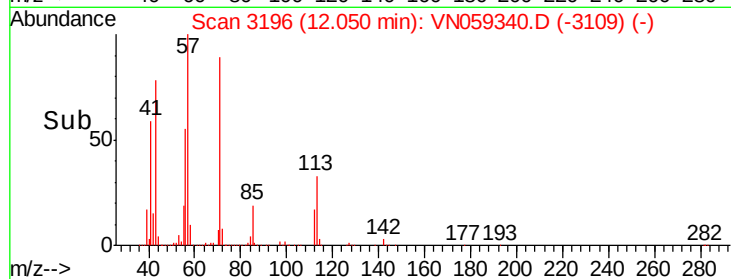
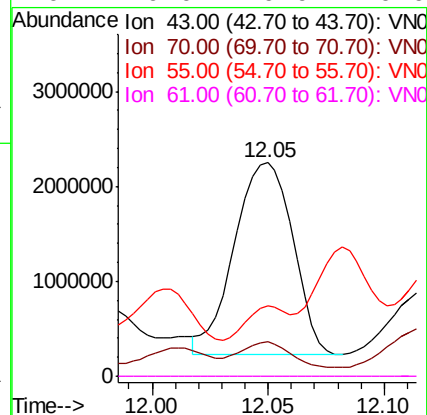
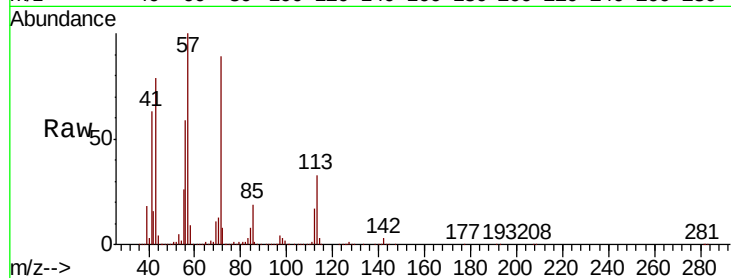
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3569360

Ion	Ratio	Lower	Upper
43	100		
70	11.0	33.8	50.6#
55	12.3	20.3	30.5#
61	0.0	19.9	29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 43.132 ug/l

RT: 12.47 min Scan# 3328

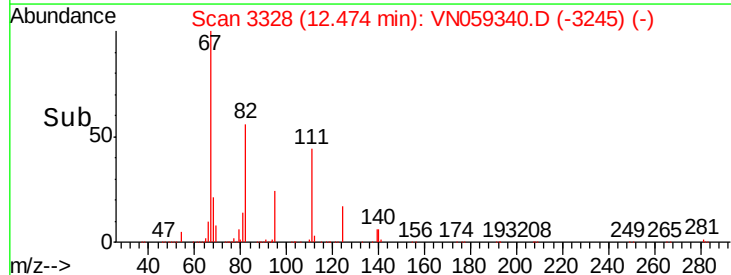
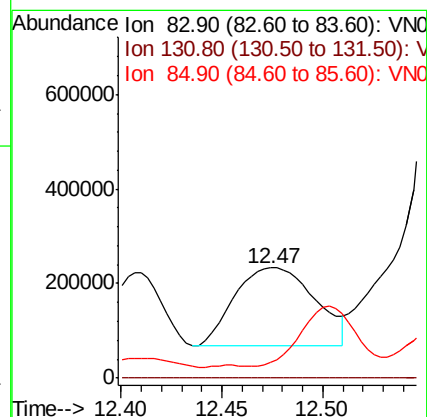
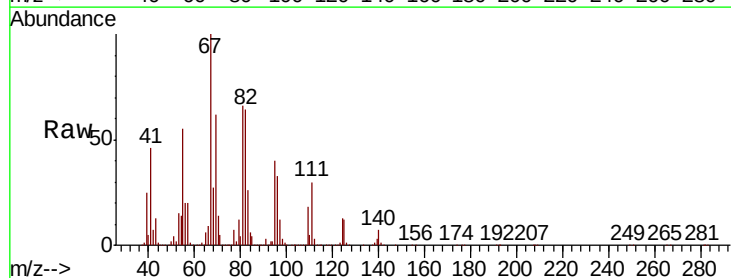
Delta R.T. -0.03 min

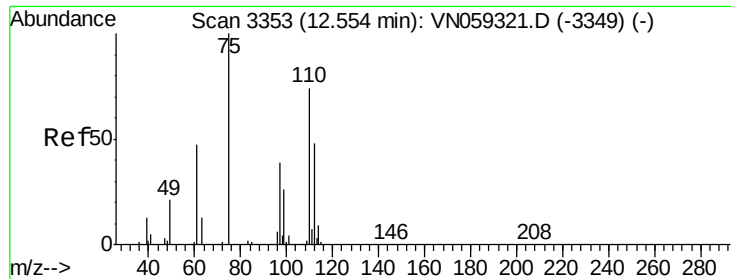
Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Tgt Ion: 83 Resp: 460971

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.1	96.3#

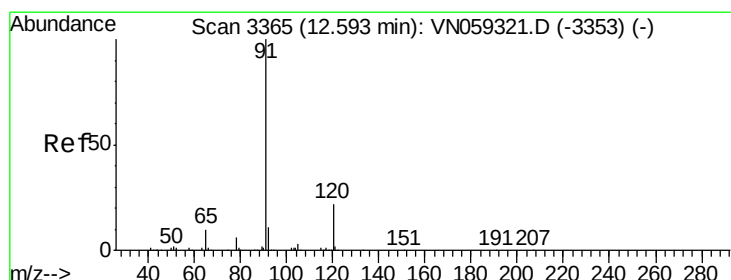
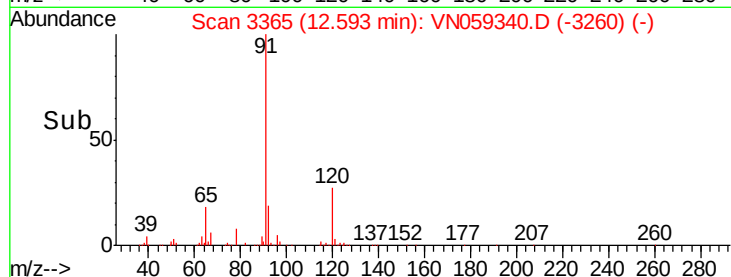
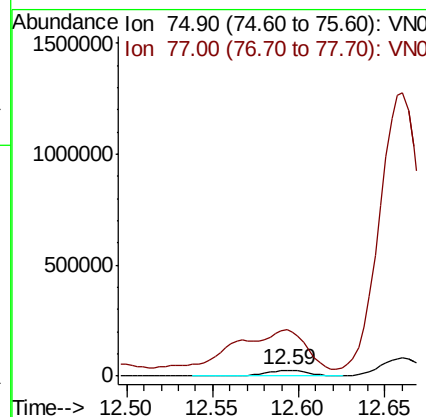
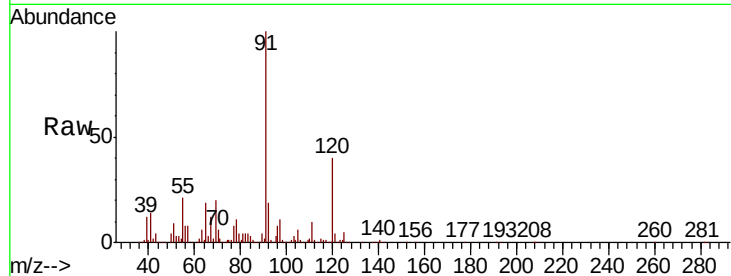




#76
 1,2,3-Trichloropropane
 Concen: 4.909 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.04 min
 Lab File: VN059340.D
 Acq: 21 Nov 2019 16:55

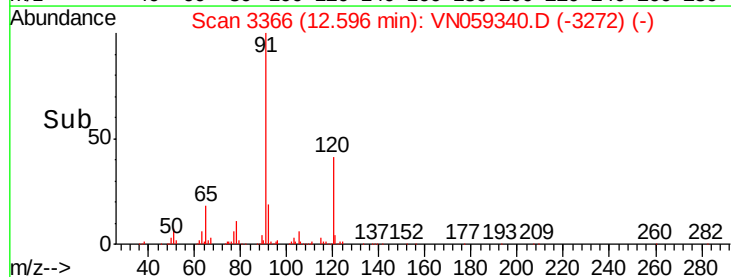
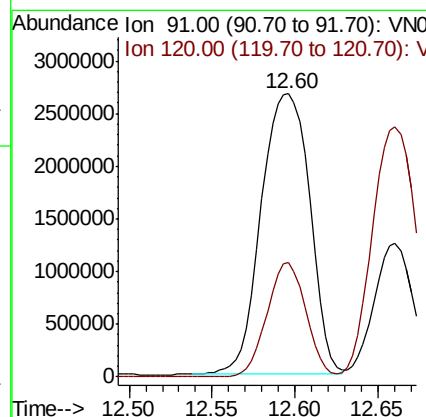
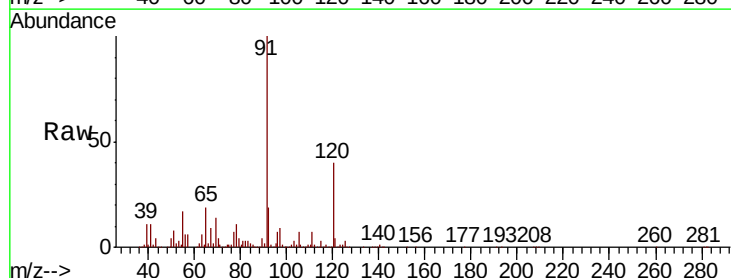
Instrument :
 MSVOA_N
 ClientSampled :

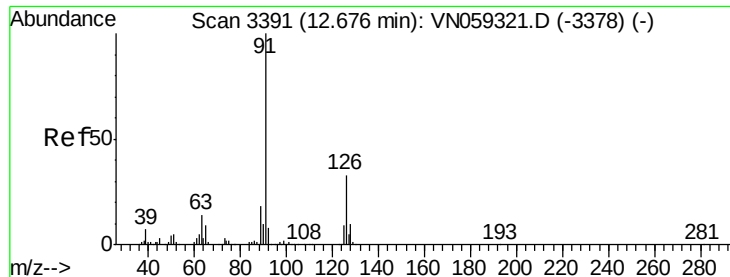
Tot Ion: 75 Resp: 44723
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#78
 n-propylbenzene
 Concen: 148.242 ug/l
 RT: 12.60 min Scan# 3366
 Delta R.T. 0.00 min
 Lab File: VN059340.D
 Acq: 21 Nov 2019 16:55

Tgt Ion: 91 Resp: 5425090
 Ion Ratio Lower Upper
 91 100
 120 32.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 90.887 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

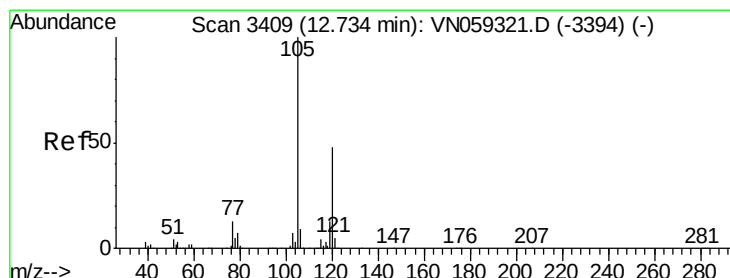
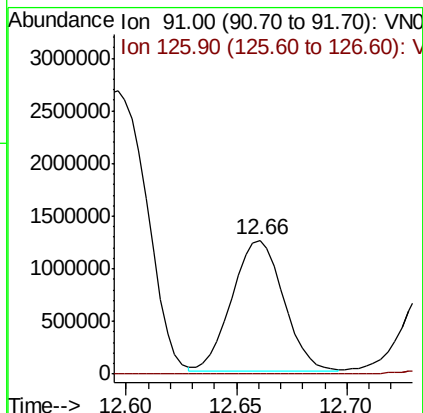
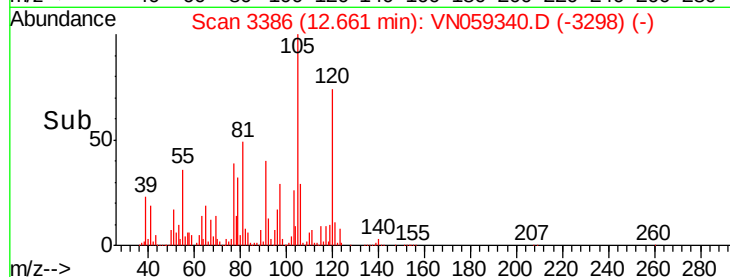
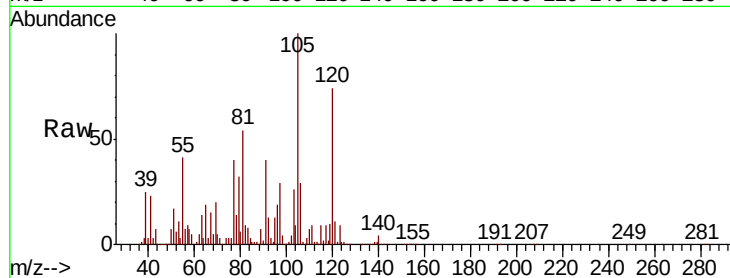
ClientSampleId :

Tot Ion: 91 Resp: 2041569

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#80

1,3,5-Trimethylbenzene

Concen: 273.439 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.07 min

Lab File: VN059340.D

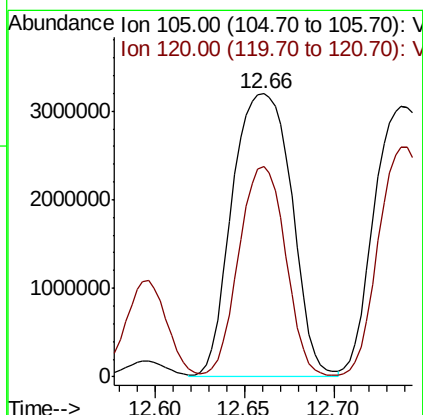
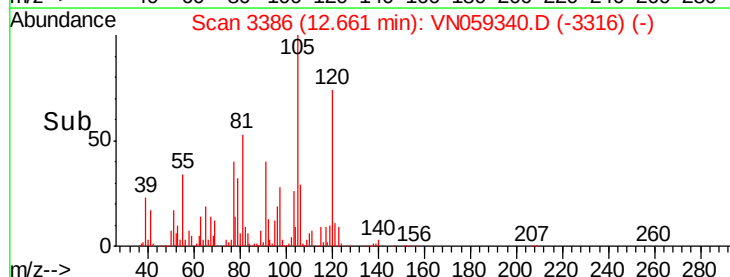
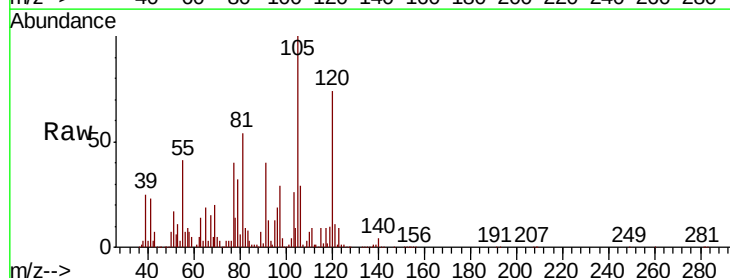
Acq: 21 Nov 2019 16:55

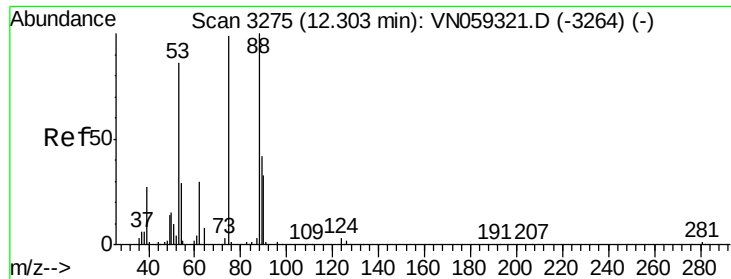
Tgt Ion:105 Resp: 7426263

Ion Ratio Lower Upper

105 100

120 58.7 24.1 72.4

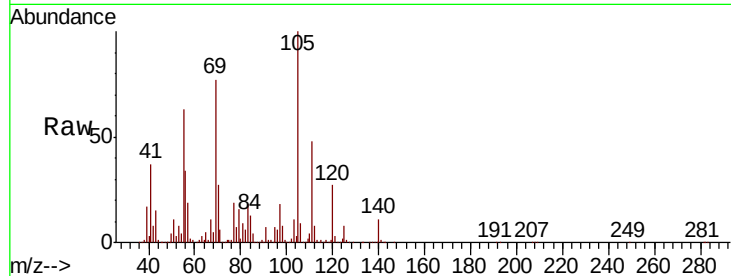




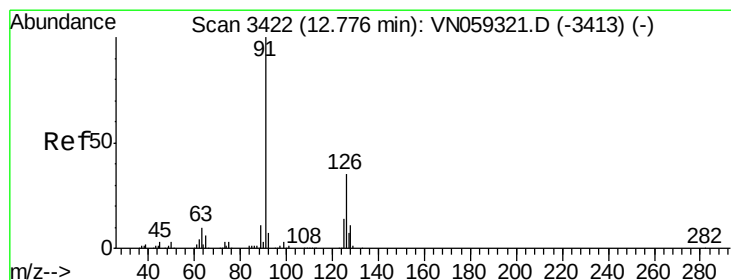
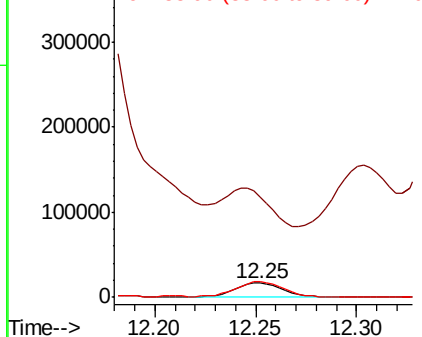
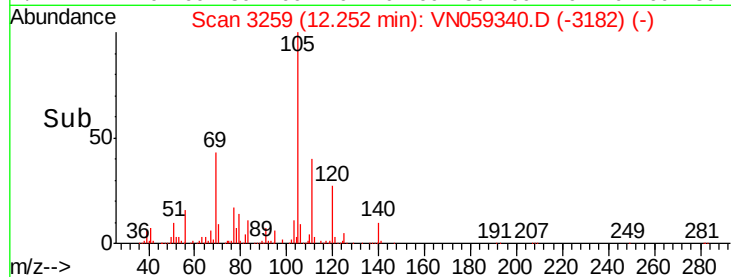
#81
trans-1,4-Dichloro-2-butene
Concen: 7.279 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.05 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 26517
Ion Ratio Lower Upper
75 100
53 0.0 70.7 106.1#
89 107.9 35.4 53.0#

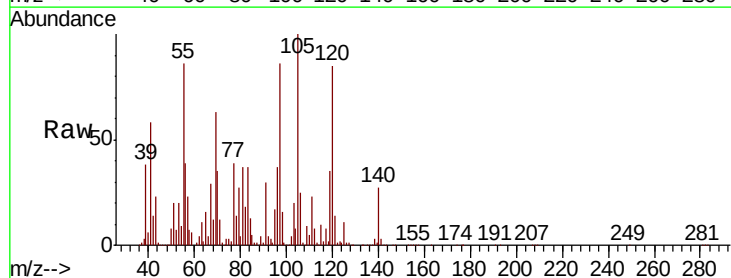


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

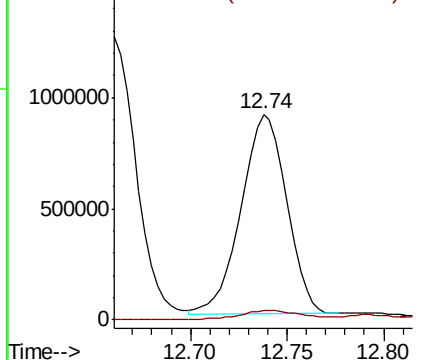
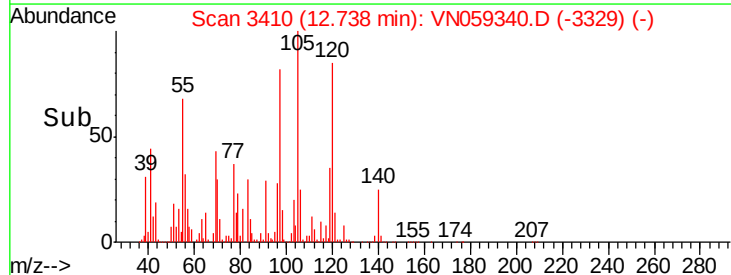


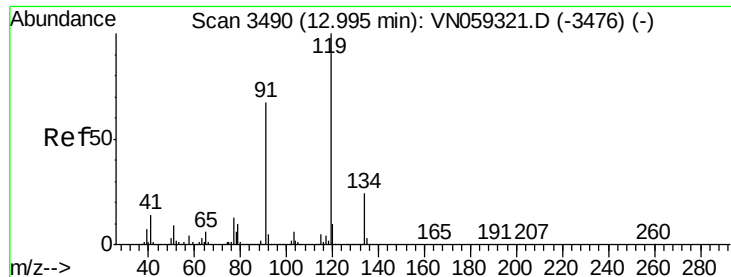
#82
4-Chlorotoluene
Concen: 63.522 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.04 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion: 91 Resp: 1476564
Ion Ratio Lower Upper
91 100
126 5.9 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 23.229 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

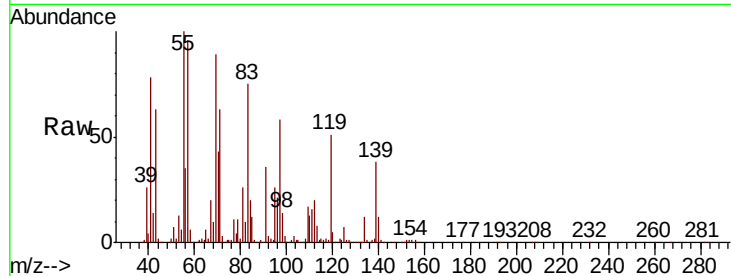
Tot Ion:119 Resp: 532814

Ion Ratio Lower Upper

119 100

91 72.1 32.8 98.4

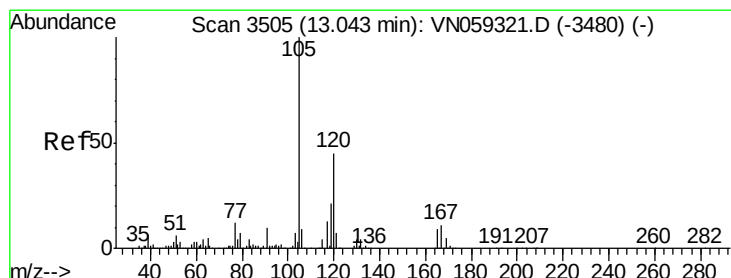
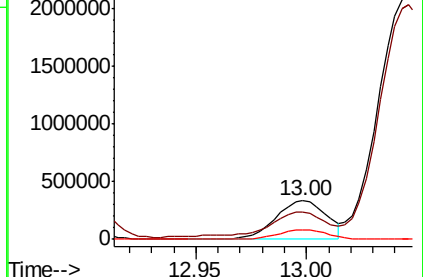
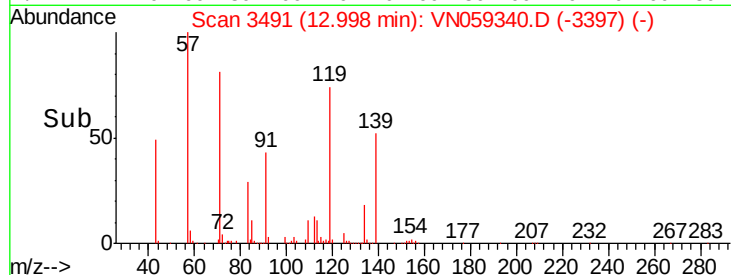
134 24.4 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 203.486 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. -0.15 min

Lab File: VN059340.D

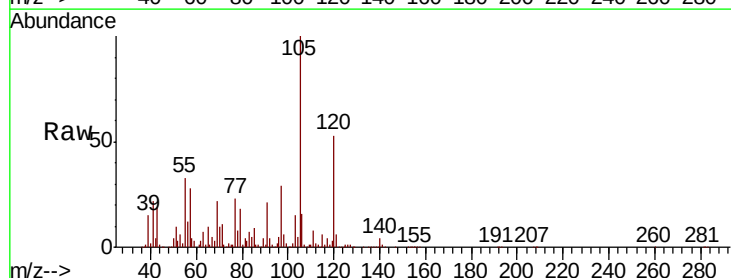
Acq: 21 Nov 2019 16:55

Tgt Ion:105 Resp: 5413573

Ion Ratio Lower Upper

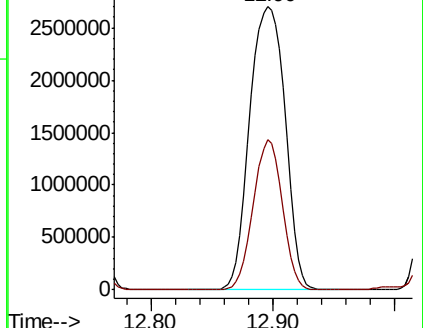
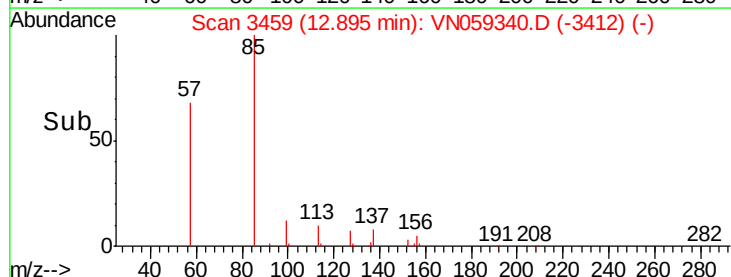
105 100

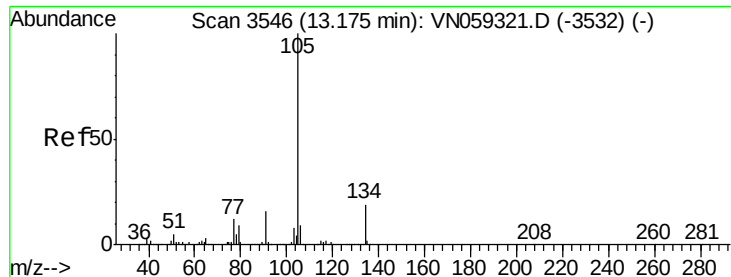
120 43.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 121.980 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

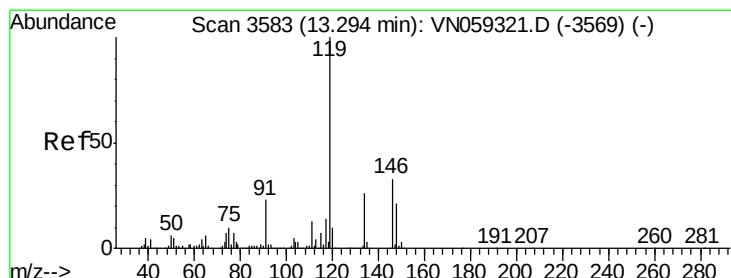
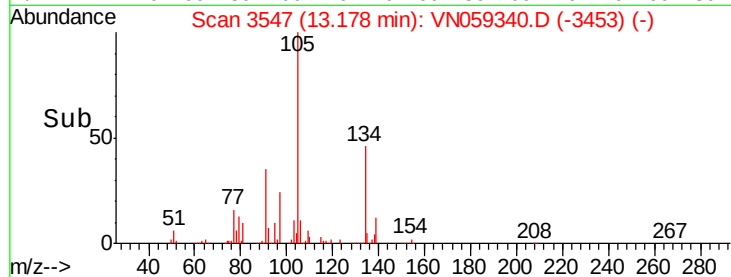
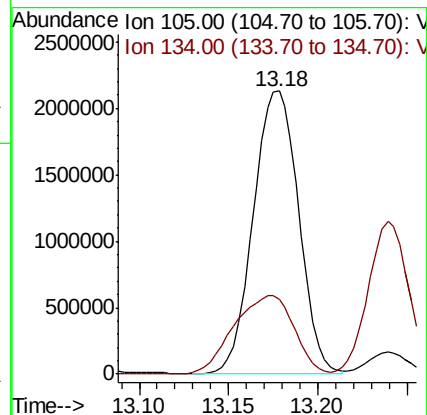
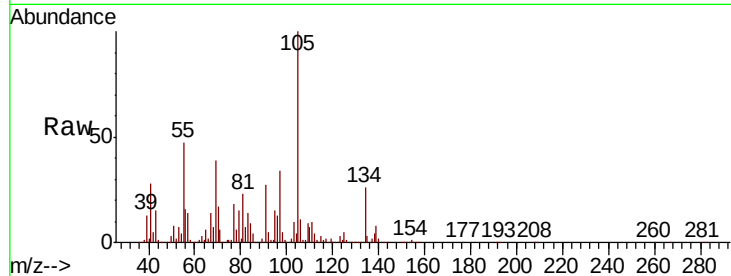
ClientSampled :

Tot Ion:105 Resp: 3760562

Ion Ratio Lower Upper

105 100

134 36.9 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 134.632 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

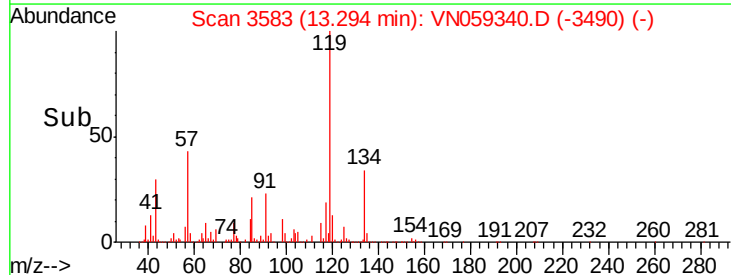
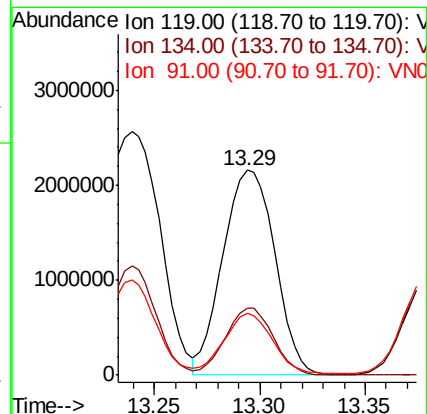
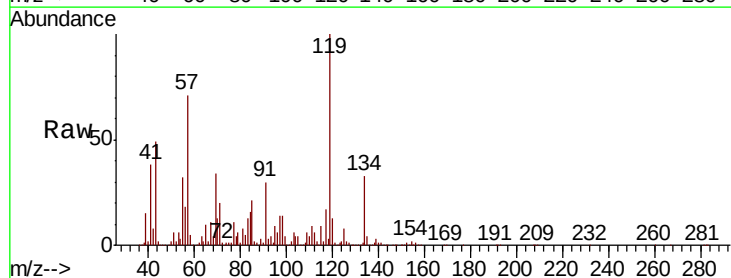
Tgt Ion:119 Resp: 3693437

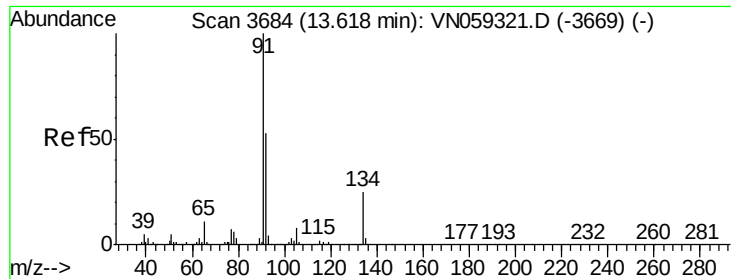
Ion Ratio Lower Upper

119 100

134 30.0 13.0 38.9

91 27.0 11.6 34.7

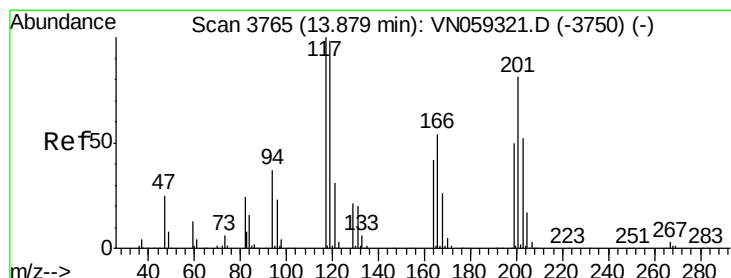
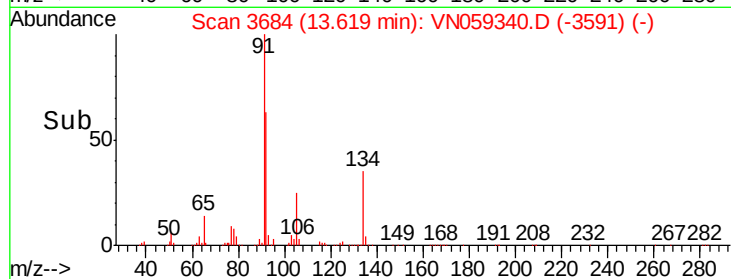
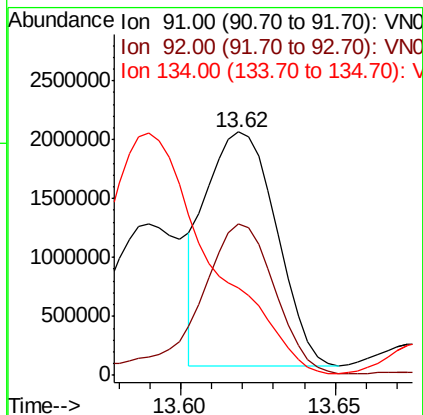
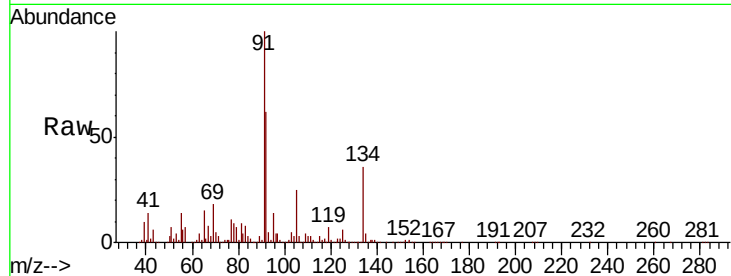




#89
n-Butylbenzene
Concen: 130.459 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

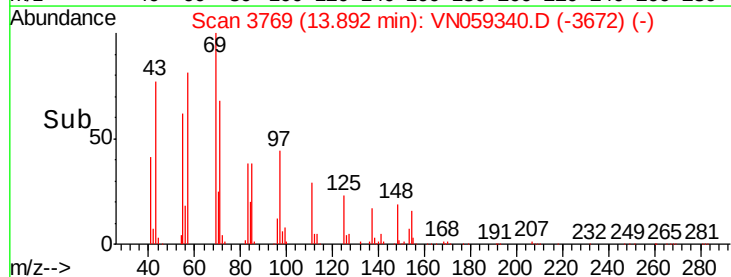
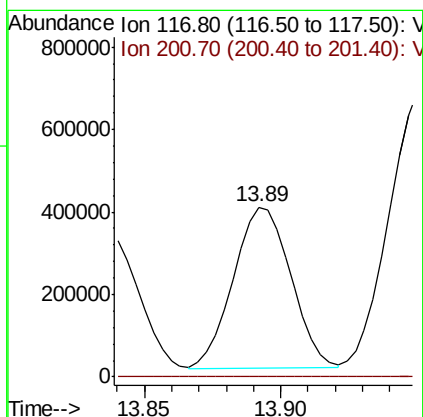
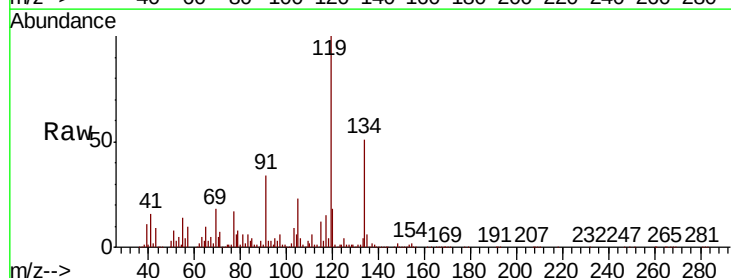
Instrument :
MSVOA_N
ClientSampleId :

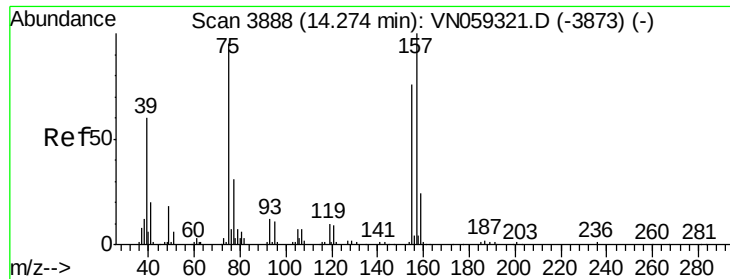
Tot Ion: 91 Resp: 3139579
Ion Ratio Lower Upper
91 100
92 69.8 26.0 78.0
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 110.211 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN059340.D
Acq: 21 Nov 2019 16:55

Tgt Ion: 117 Resp: 572599
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.277 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

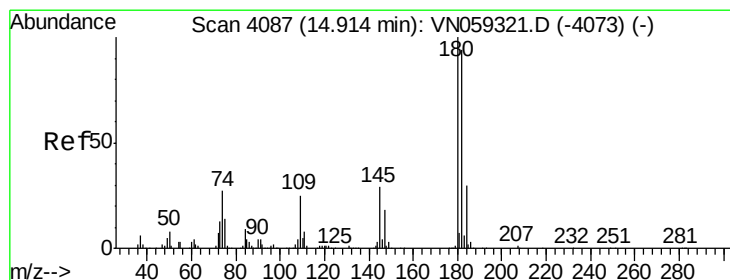
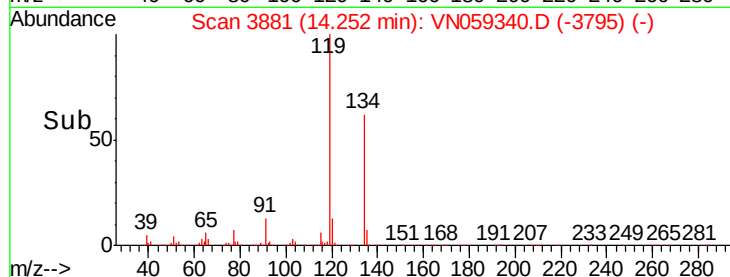
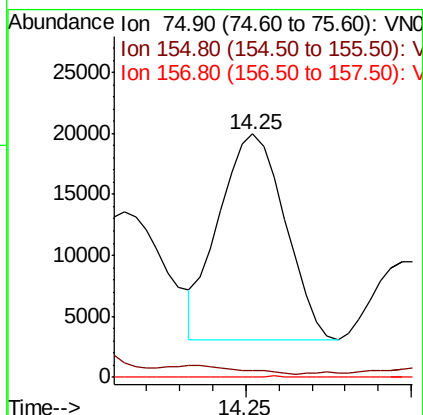
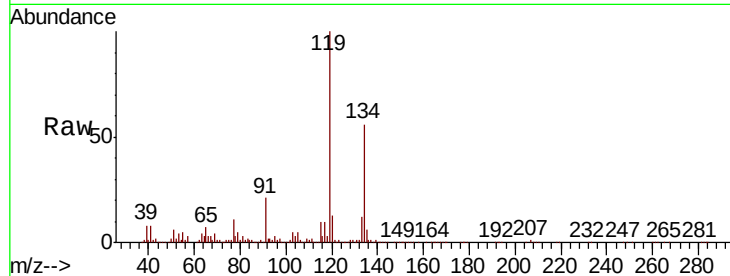
Tot Ion: 75 Resp: 23352

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 0.1 52.7 158.1#



#93

1,2,4-Trichlorobenzene

Concen: 3.086 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

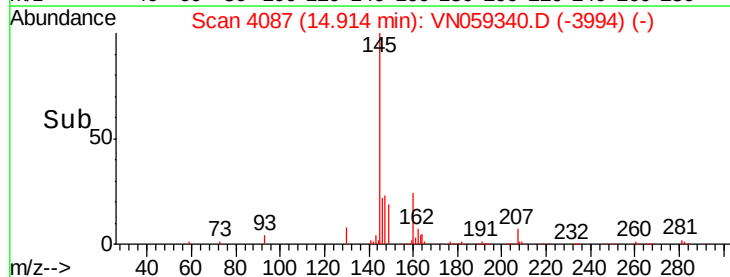
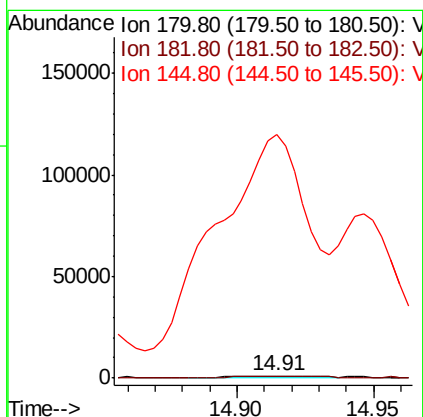
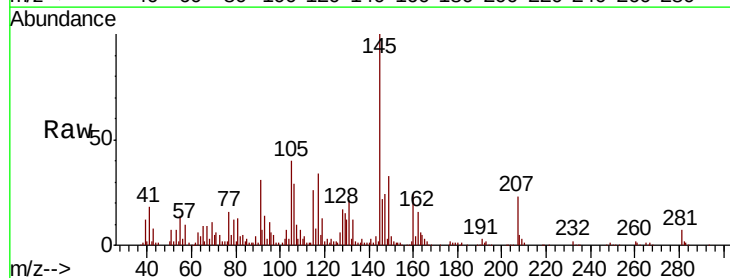
Tgt Ion:180 Resp: 1318

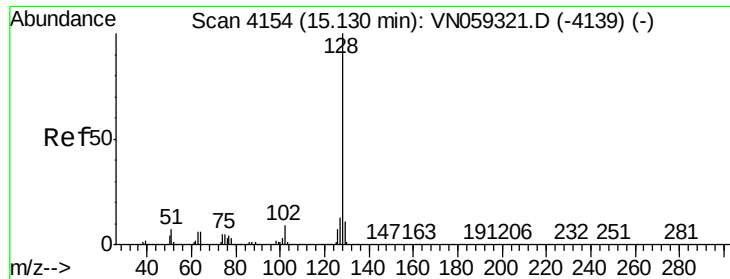
Ion Ratio Lower Upper

180 100

182 124.7 47.2 141.6

145 22430.7 14.9 44.5#





#95

Naphthalene

Concen: 79.024 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

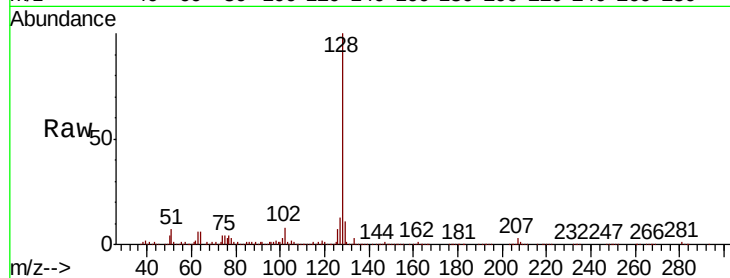
Tot Ion:128 Resp: 1883138

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

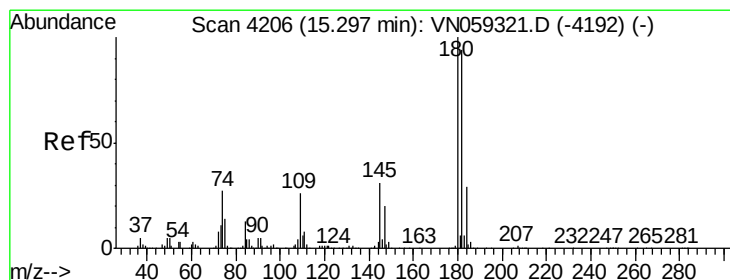
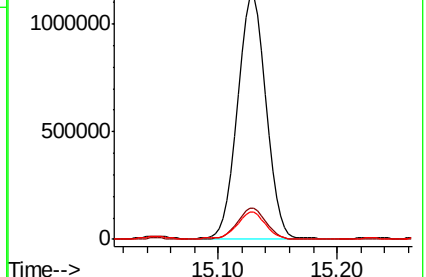
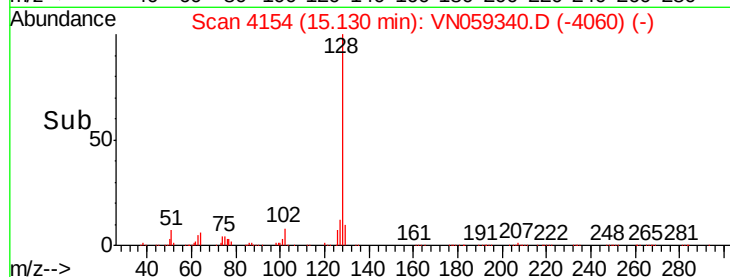
129 10.8 8.6 13.0



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: 1.959 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.01 min

Lab File: VN059340.D

Acq: 21 Nov 2019 16:55

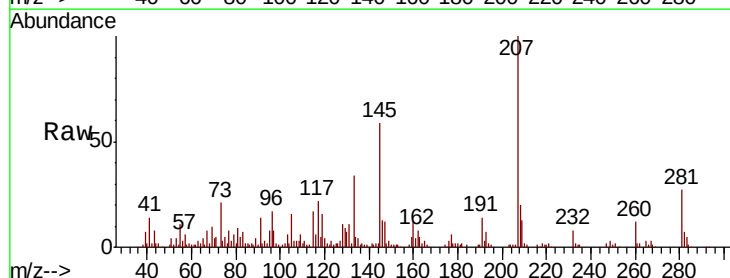
Tgt Ion:180 Resp: 490

Ion Ratio Lower Upper

180 100

182 237.8 47.1 141.4#

145 7560.6 15.6 46.8#



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

