

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059908.D
 Acq On : 29 Jan 2020 13:37
 Operator : JC/MD
 Sample : L1287-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 30 00:01:51 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	204805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	270644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115571	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	107783	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
35) Dibromofluoromethane	7.57	113	92259	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
50) Toluene-d8	10.08	98	361450	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	119223	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	505	Below Cal	#	43
7) Trichlorofluoromethane	3.00	101	6771	2.102	ug/l	90
16) Acetone	3.79	43	12178	5.925	ug/l	99
17) Carbon Disulfide	4.03	76	1523	0.285	ug/l #	75
18) Methyl Acetate	4.30	43	2671	1.005	ug/l	96
20) Methylene Chloride	4.52	84	7676	2.501	ug/l	84
25) 2-Butanone	6.81	43	3617	2.808	ug/l	95
31) Cyclohexane	7.64	56	3724	1.107	ug/l #	11
36) 1,1-Dichloropropene	7.64	75	13945	5.198	ug/l #	50
37) Ethyl Acetate	6.81	43	3617	1.437	ug/l #	69
38) Carbon Tetrachloride	7.64	117	18377	6.297	ug/l #	15
43) Isopropyl Acetate	8.14	43	40112	9.268	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	677	0.342	ug/l #	44
48) Methyl methacrylate	9.17	41	2173	1.122	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	3005	1.201	ug/l	91
54) cis-1,3-Dichloropropene	9.89	75	19382	5.862	ug/l #	58
57) 1,3-Dichloropropane	10.75	76	2891	0.910	ug/l #	42
59) 2-Hexanone	10.75	43	39453	21.405	ug/l #	54
67) Ethyl Benzene	11.51	91	4054	0.420	ug/l #	85
69) o-Xylene	11.95	106	1008	0.282	ug/l	85
73) Isopropylbenzene	12.25	105	5660	0.668	ug/l	99
74) N-amyl acetate	12.03	43	1639	0.498	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	59926	30.811	ug/l #	100
77) Bromobenzene	12.53	156	5372	2.503	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	1883	0.264	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	59926	66.167	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	7686	1.090	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	2705	0.726	ug/l #	65
88) 1,4-Dichlorobenzene	13.36	146	2705	0.727	ug/l #	65
89) n-Butylbenzene	13.54	91	20120	3.148	ug/l #	43
90) Hexachloroethane	13.89	117	668	0.476	ug/l #	12
91) 1,2-Dichlorobenzene	13.65	146	1074	0.291	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.26	75	125	Below Cal	#	6
95) Naphthalene	15.13	128	316795	50.286	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

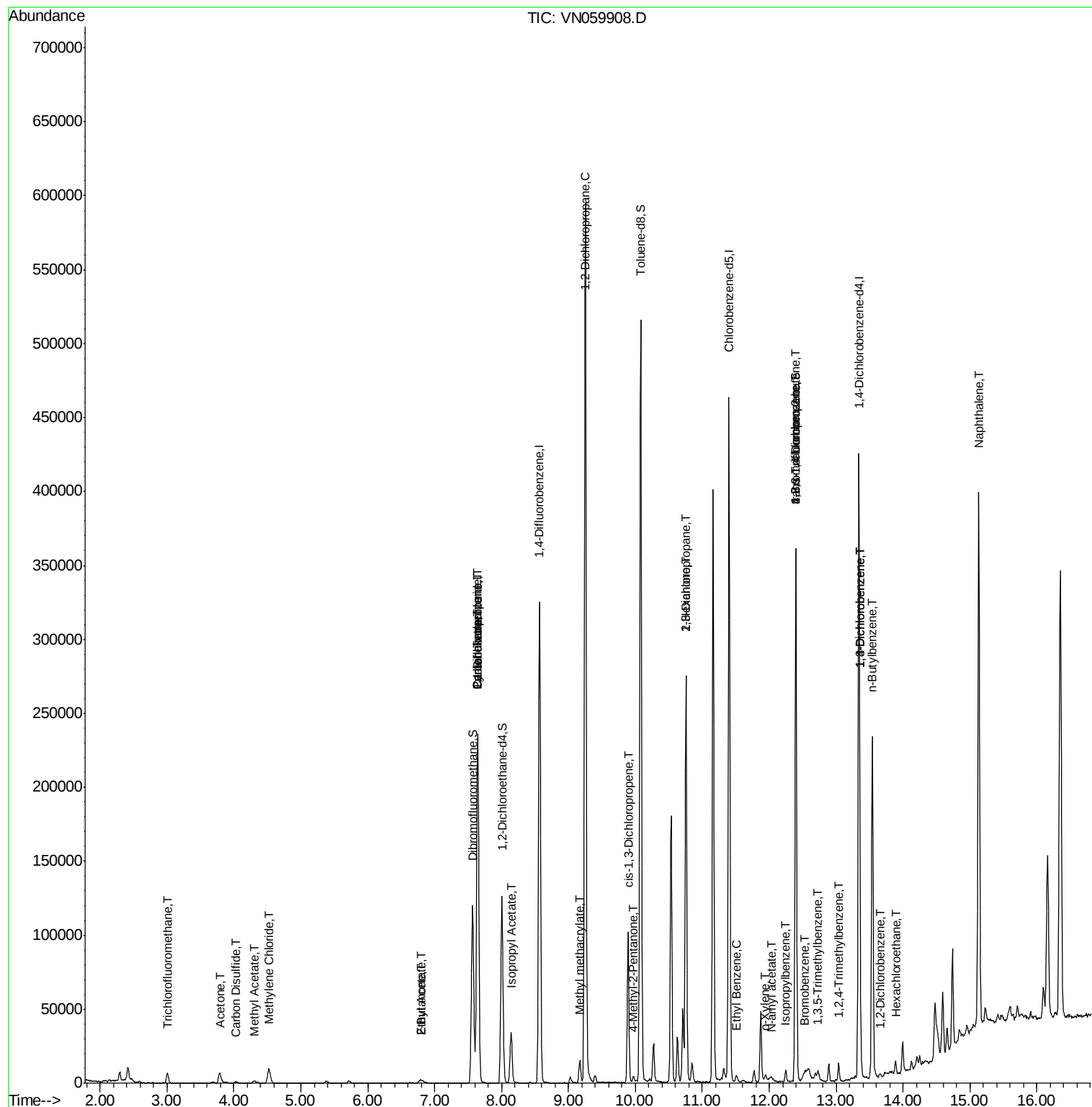
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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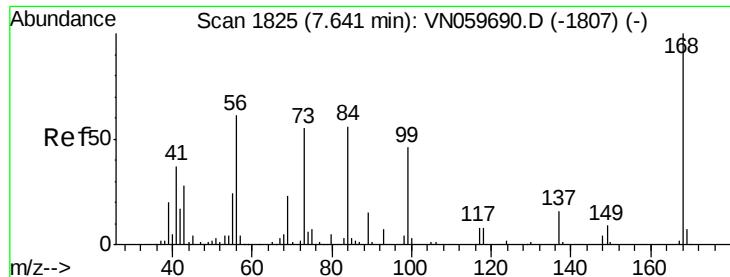
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

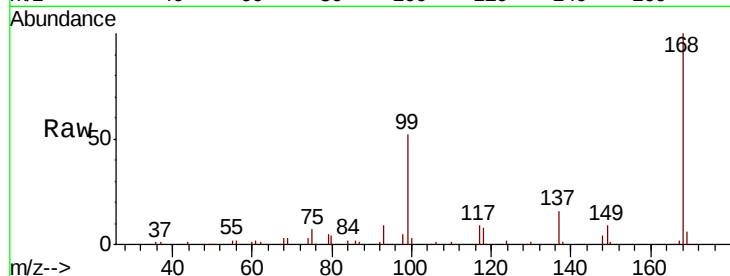
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 204805

Ion Ratio Lower Upper

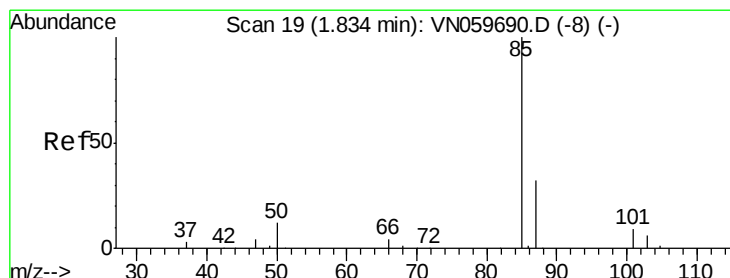
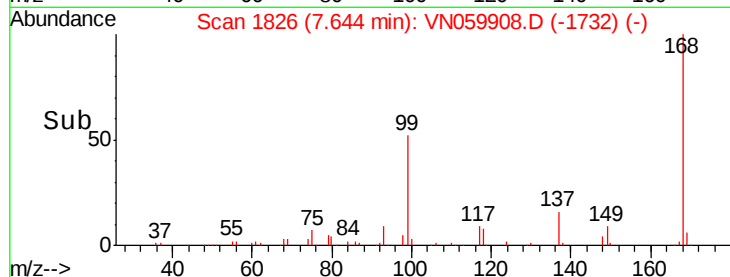
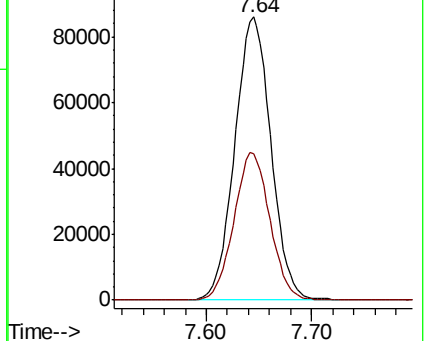
168 100

99 51.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059908.D

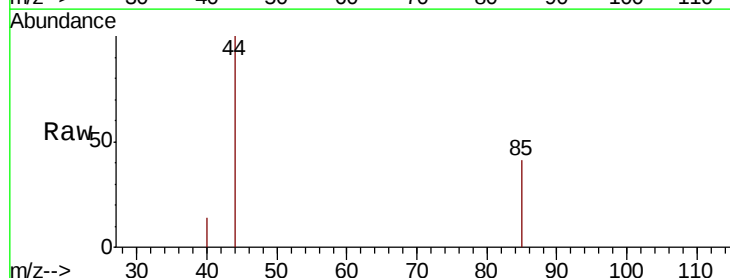
Acq: 29 Jan 2020 13:37

Tgt Ion: 85 Resp: 505

Ion Ratio Lower Upper

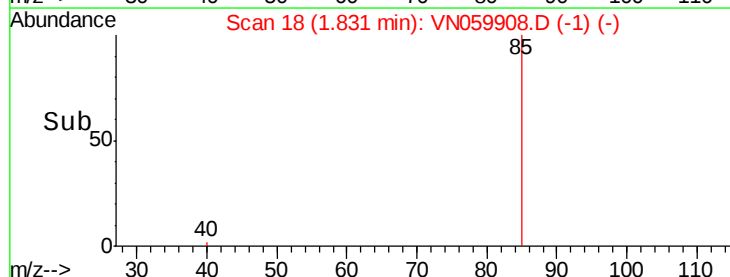
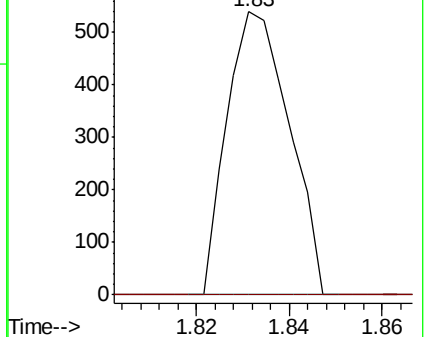
85 100

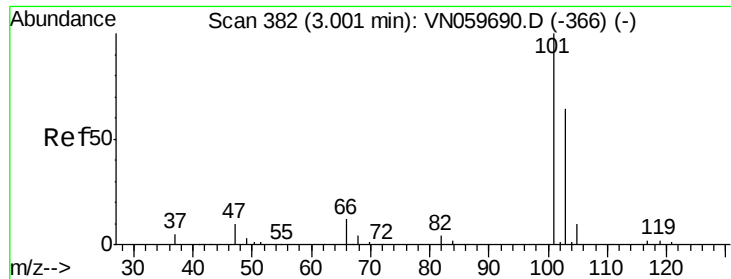
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0



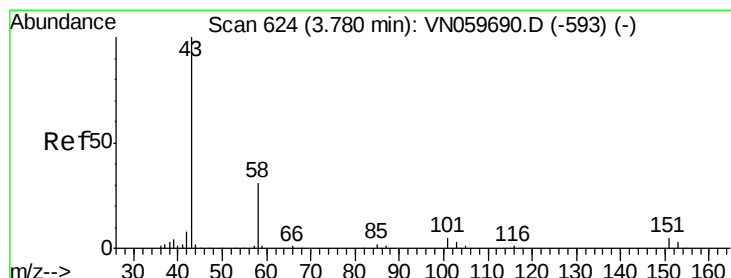
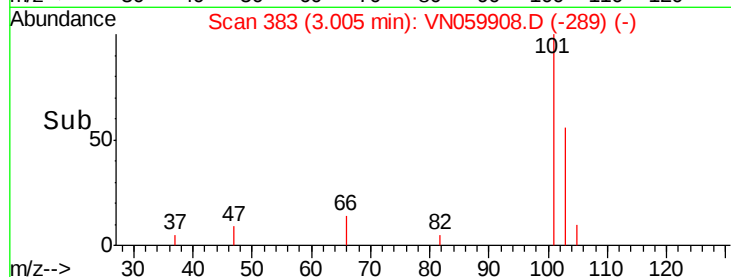
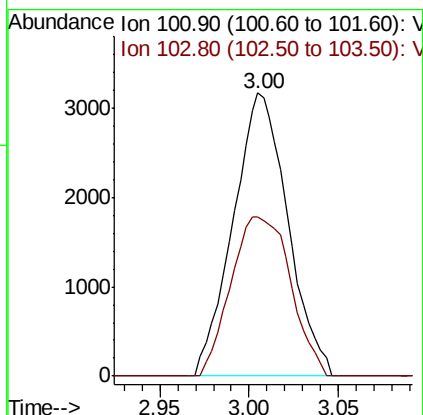
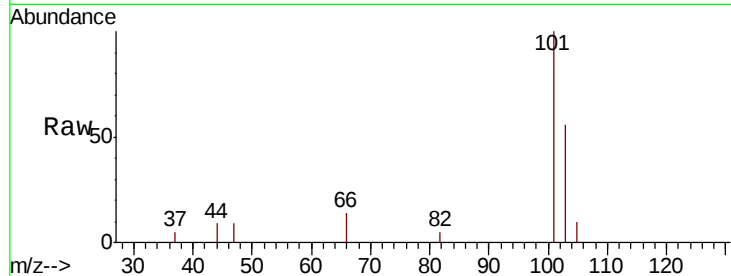


#7

Trichlorofluoromethane
Concen: 2.102 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Instrument :
MSVOA_N
ClientSampled :

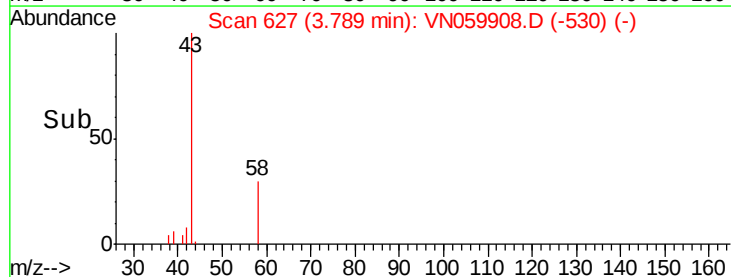
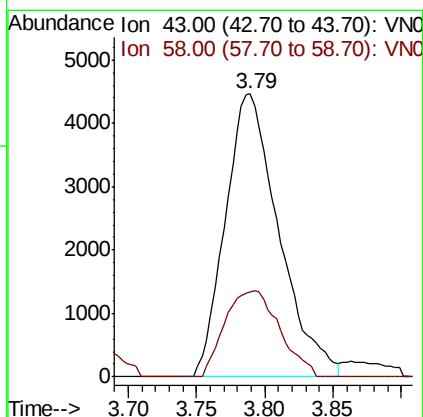
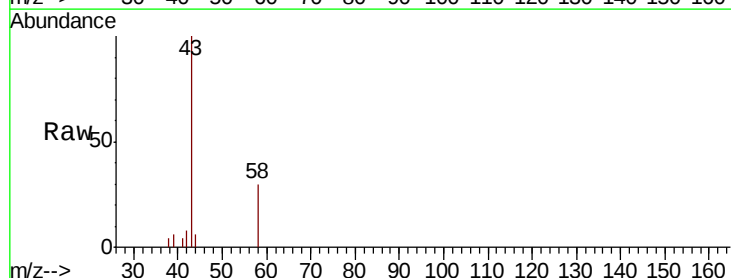
Tot Ion:101 Resp: 6771
Ion Ratio Lower Upper
101 100
103 56.3 51.0 76.6

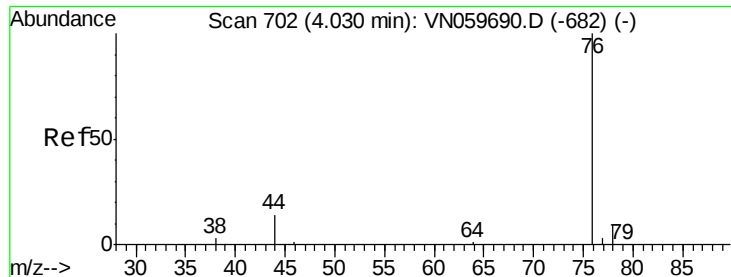


#16

Acetone
Concen: 5.925 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion: 43 Resp: 12178
Ion Ratio Lower Upper
43 100
58 30.1 23.6 35.4

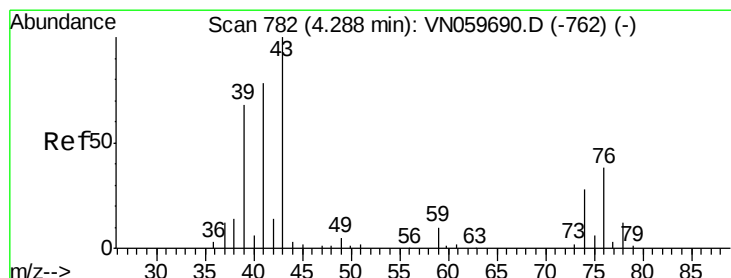
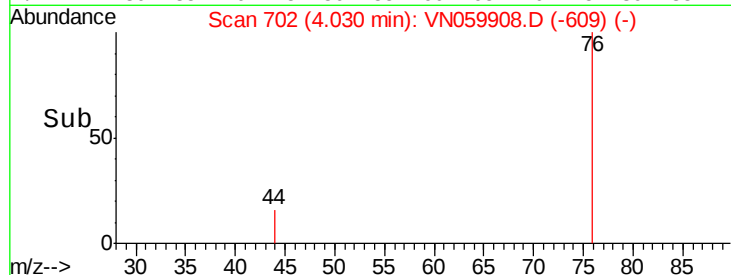
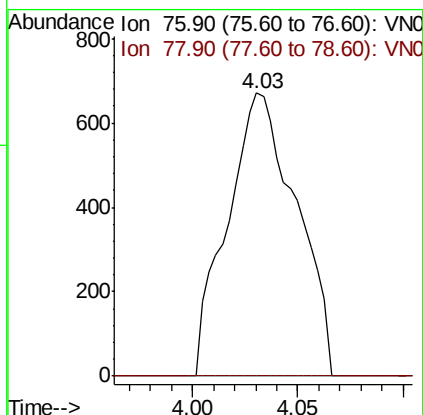
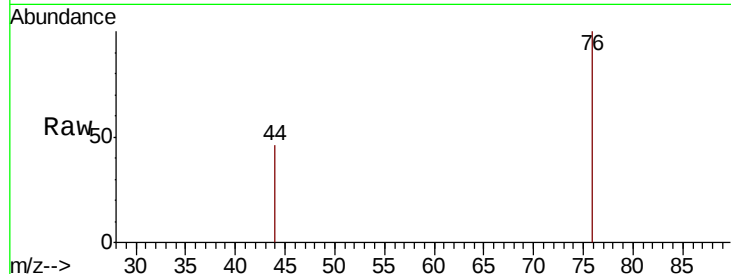




#17
Carbon Disulfide
Concen: 0.285 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

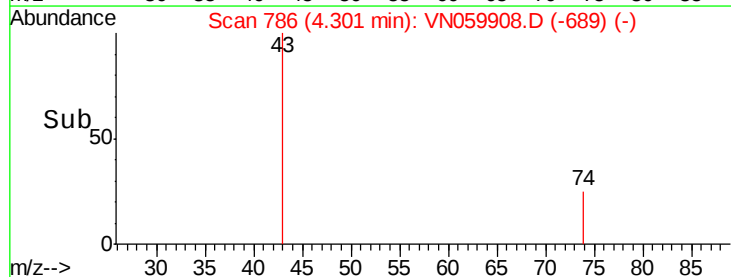
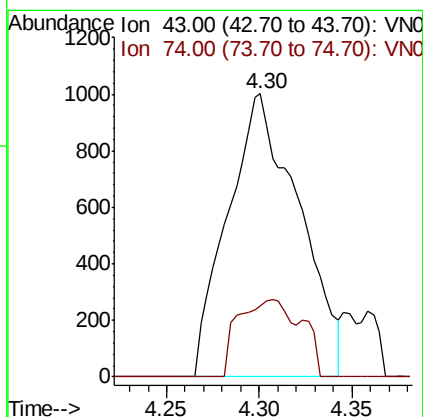
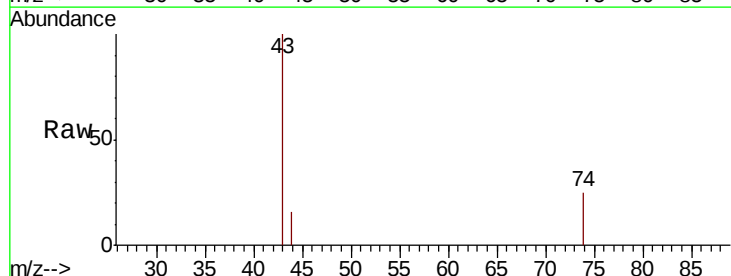
Instrument :
MSVOA_N
ClientSampleId :

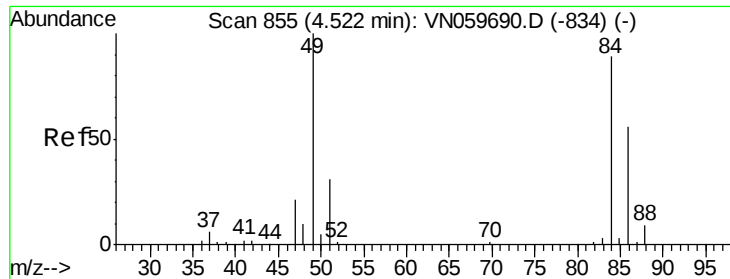
Tot Ion: 76 Resp: 1523
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
74 20.0 17.5 26.3

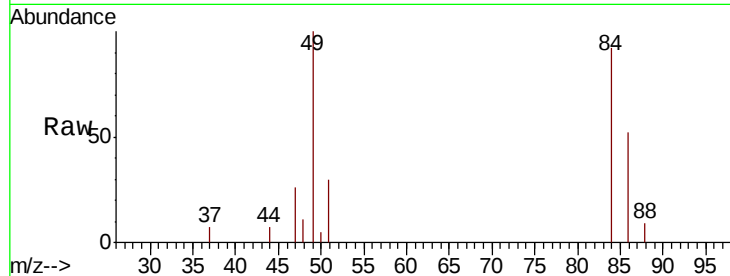




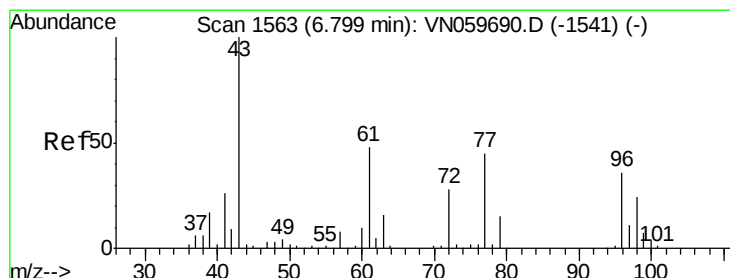
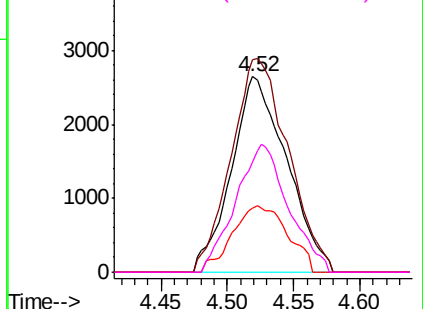
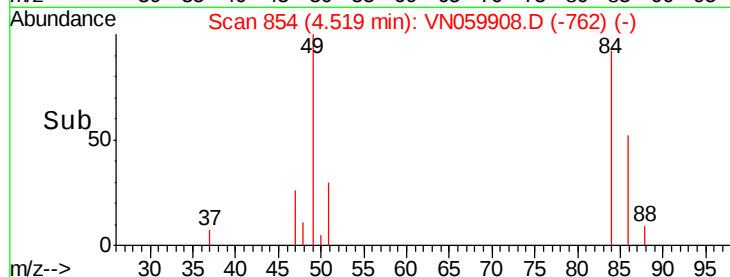
#20
Methvlene Chloride
Concen: 2.501 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 7676
Ion Ratio Lower Upper
84 100
49 108.6 106.6 160.0
51 32.9 31.9 47.9
86 56.2 50.8 76.2

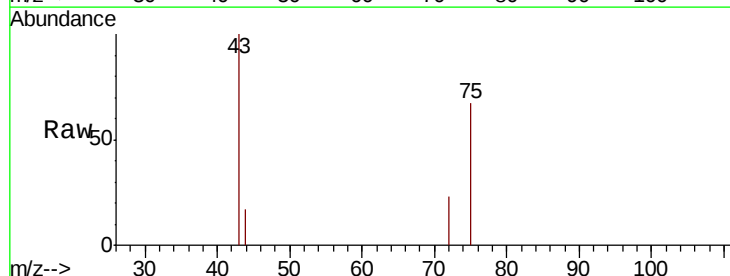


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

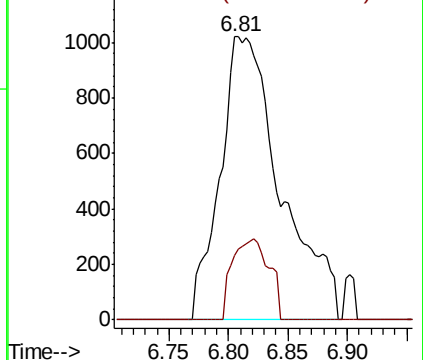
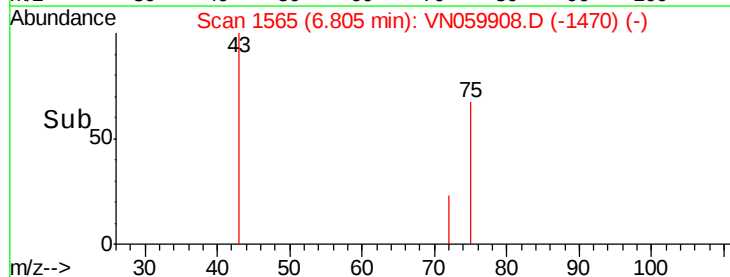


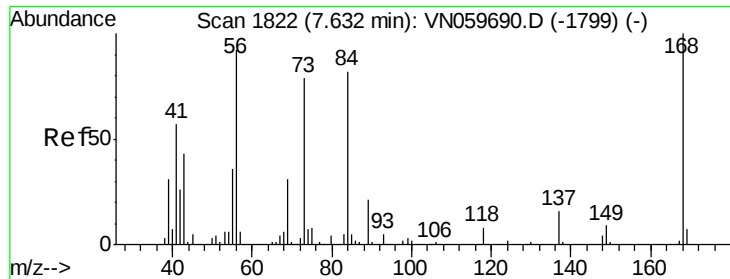
#25
2-Butanone
Concen: 2.808 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion: 43 Resp: 3617
Ion Ratio Lower Upper
43 100
72 22.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

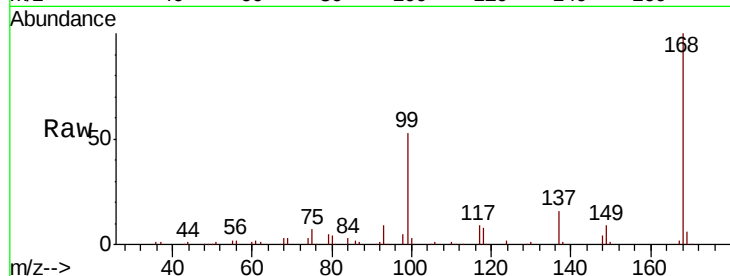




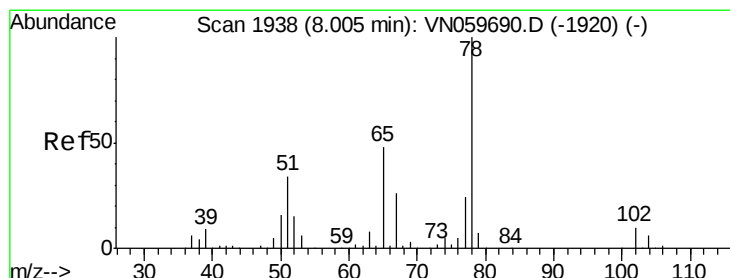
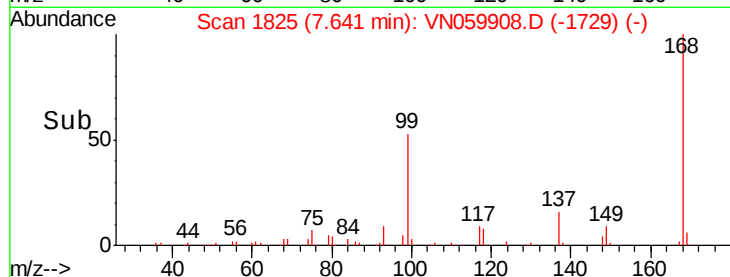
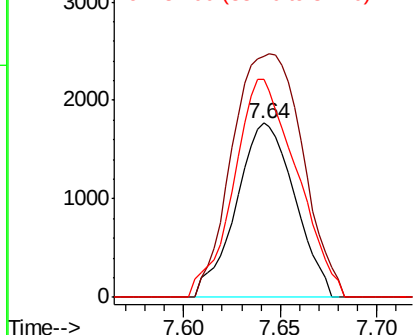
#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 3724
Ion Ratio Lower Upper
56 100
69 138.5 26.5 39.7#
84 125.5 65.3 97.9#

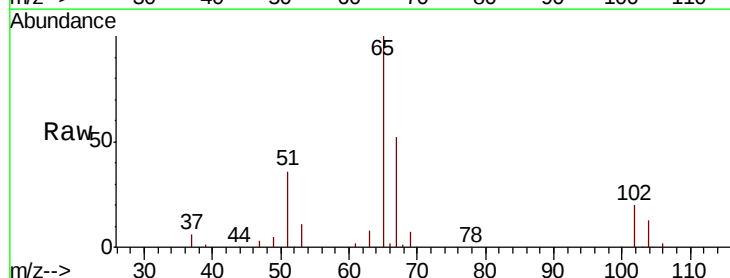


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

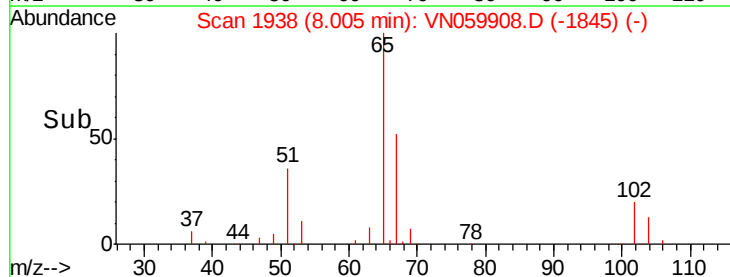
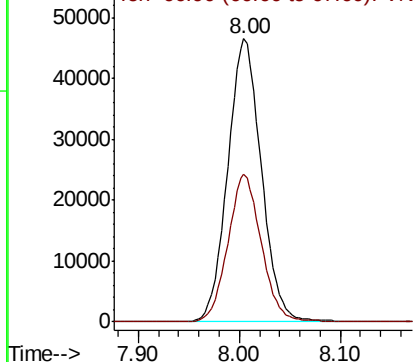


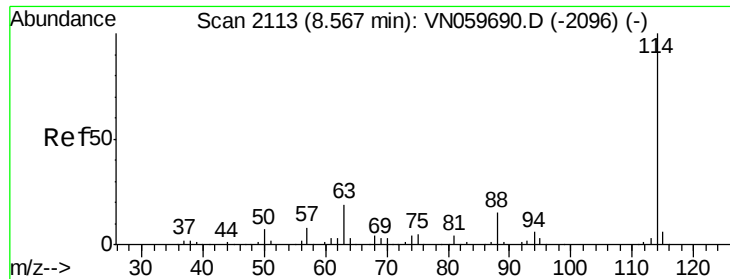
#33
1,2-Dichloroethane-d4
Concen: 47.389 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion: 65 Resp: 107783
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

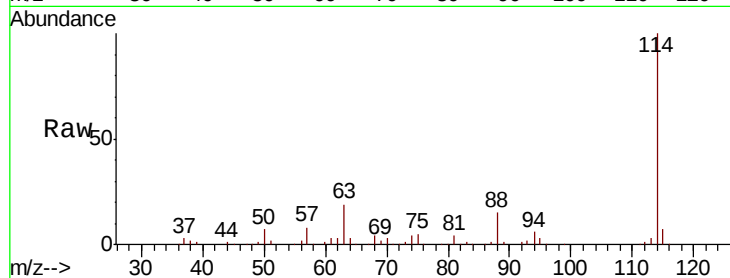




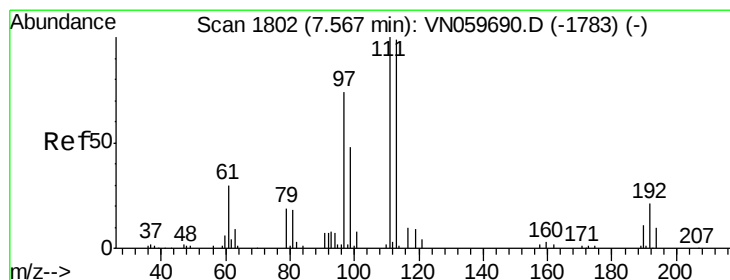
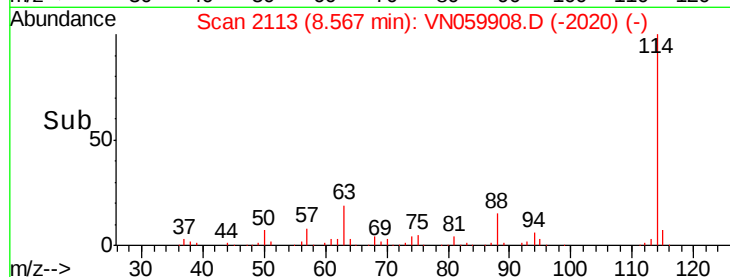
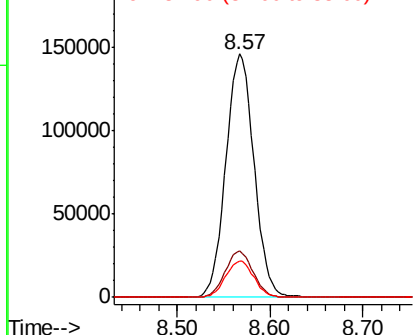
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059908.D
 Acq: 29 Jan 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 308073
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.6
 88 15.0 0.0 31.4

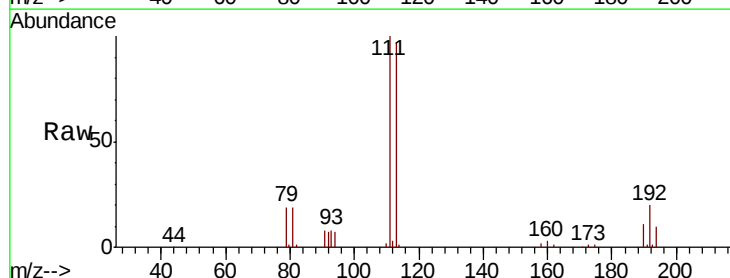


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

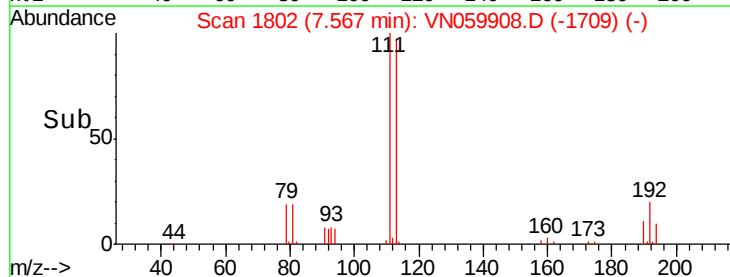
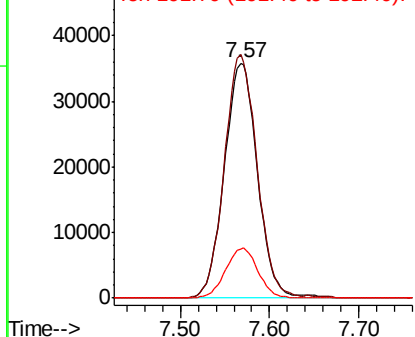


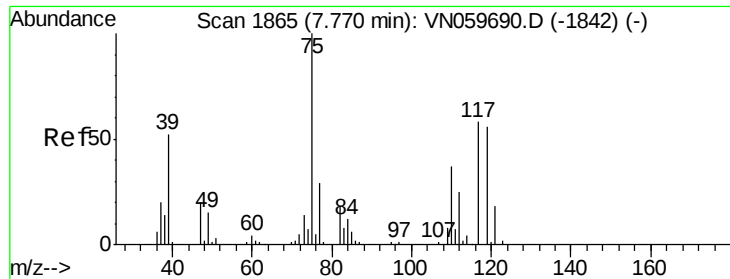
#35
 Dibromofluoromethane
 Concen: 50.218 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059908.D
 Acq: 29 Jan 2020 13:37

Tgt Ion:113 Resp: 92259
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.5 125.3
 192 20.6 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

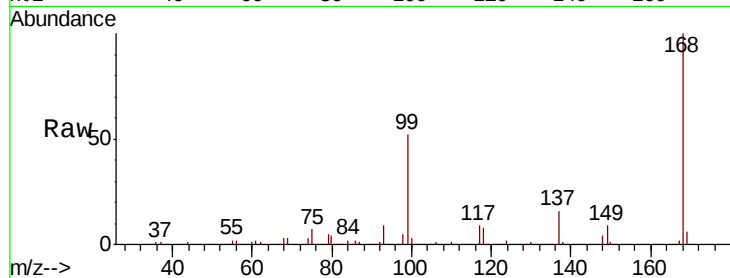




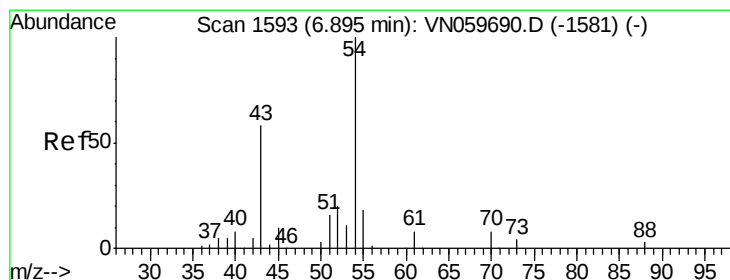
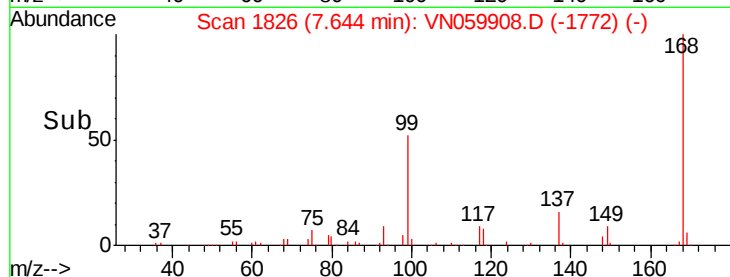
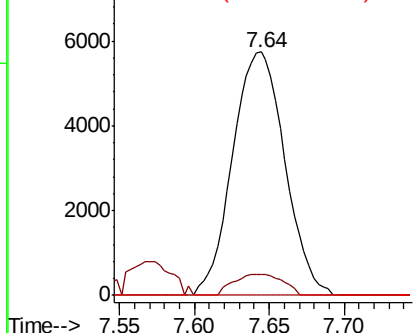
#36
 1,1-Dichloropropene
 Concen: 5.198 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059908.D
 Acq: 29 Jan 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.6	49.7#
77	0.0	25.1	37.7#

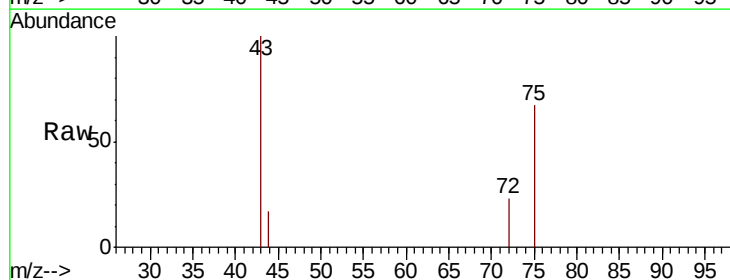


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

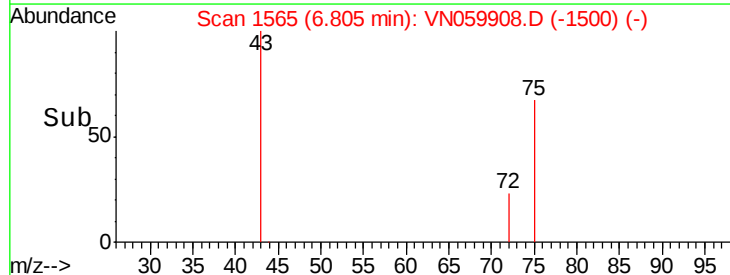
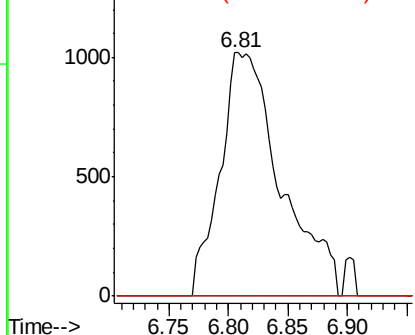


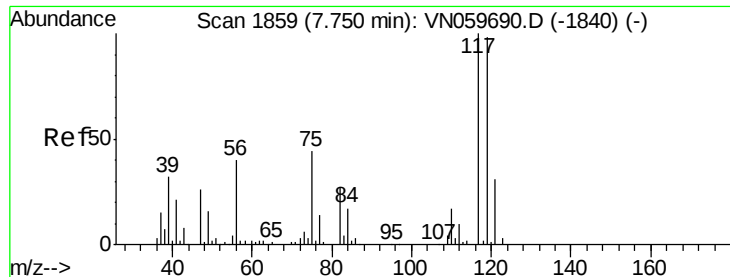
#37
 Ethyl Acetate
 Concen: 1.437 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: VN059908.D
 Acq: 29 Jan 2020 13:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.297 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

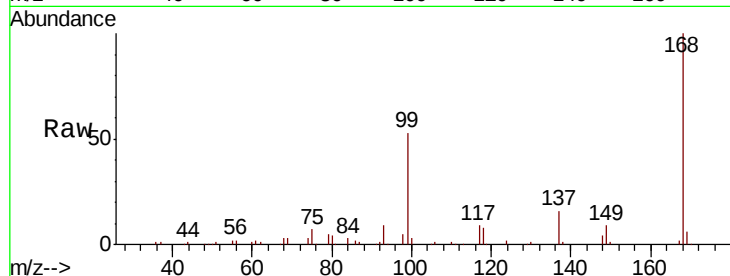
Tot Ion:117 Resp: 18377

Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

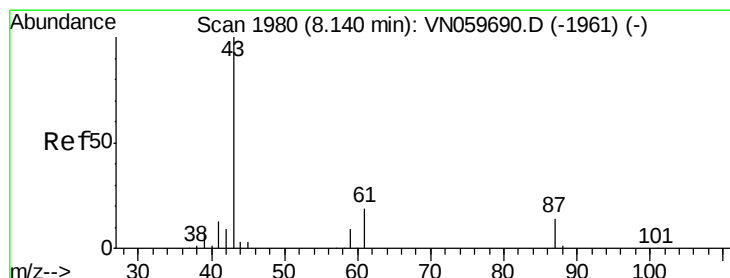
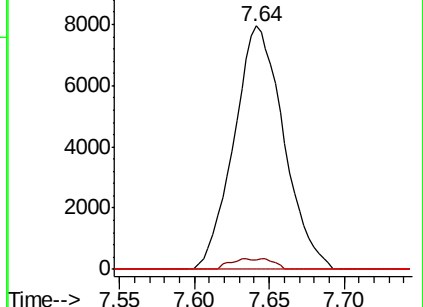
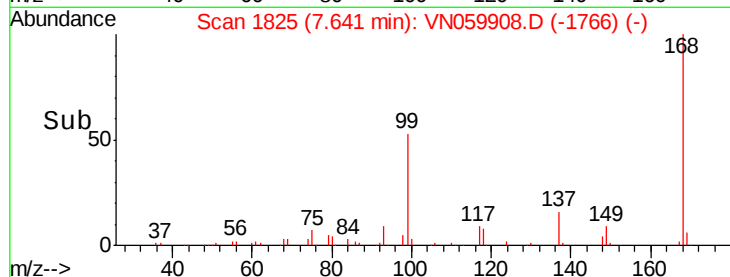
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 9.268 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

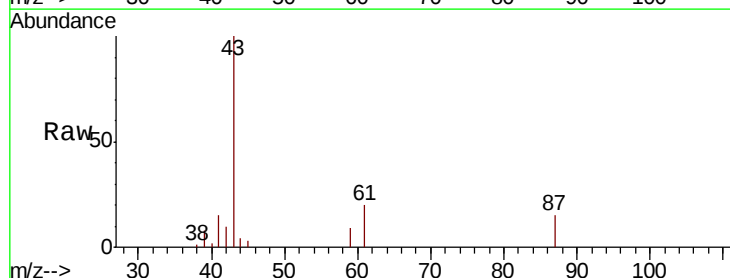
Tgt Ion: 43 Resp: 40112

Ion Ratio Lower Upper

43 100

61 20.0 20.2 30.2#

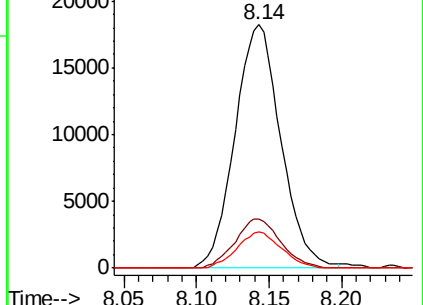
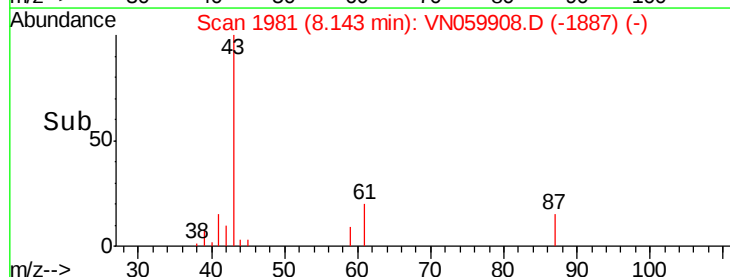
87 14.4 9.5 14.3#

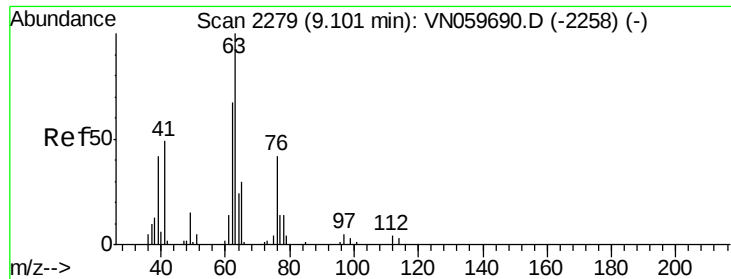


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

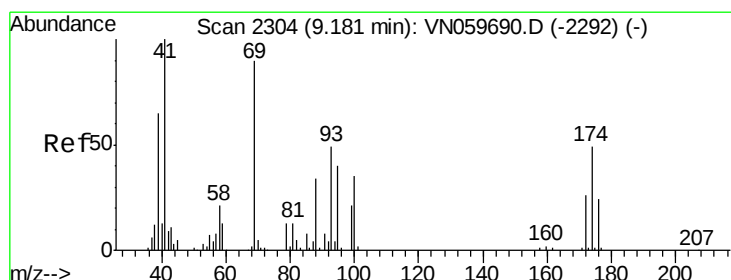
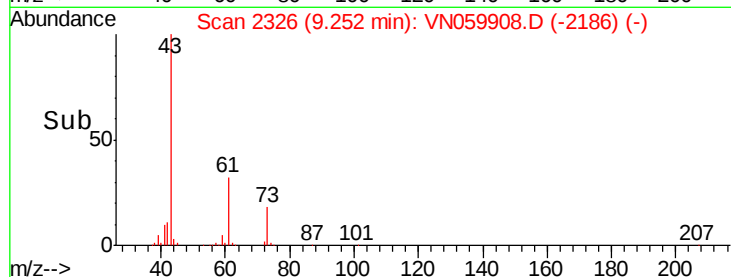
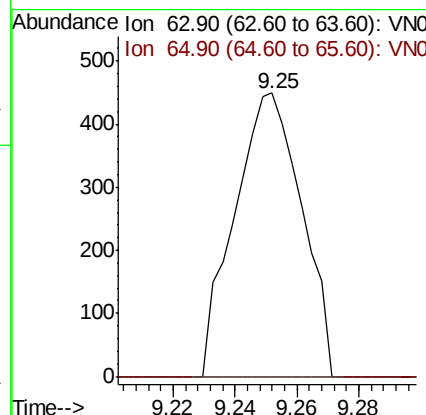
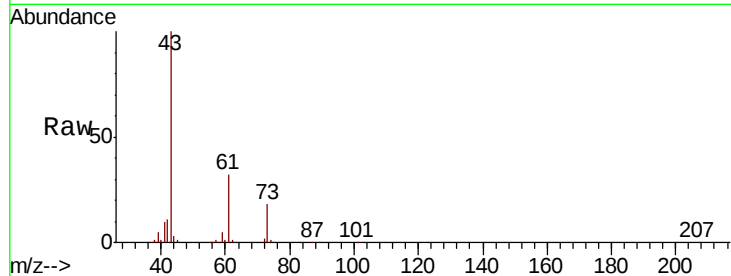




#45
 1,2-Dichloropropane
 Concen: 0.342 ug/l
 RT: 9.25 min Scan# 2326
 Delta R.T. 0.15 min
 Lab File: VN059908.D
 Acq: 29 Jan 2020 13:37

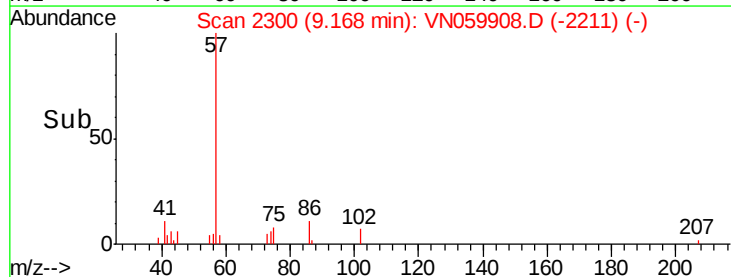
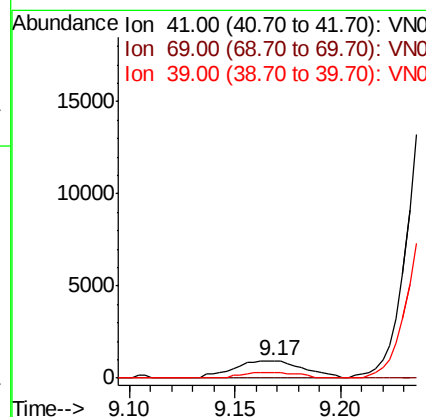
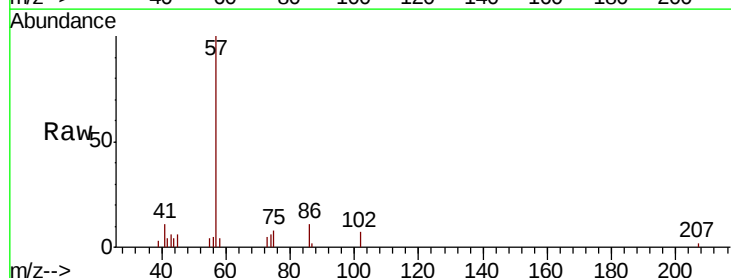
Instrument :
 MSVOA_N
 ClientSampled :

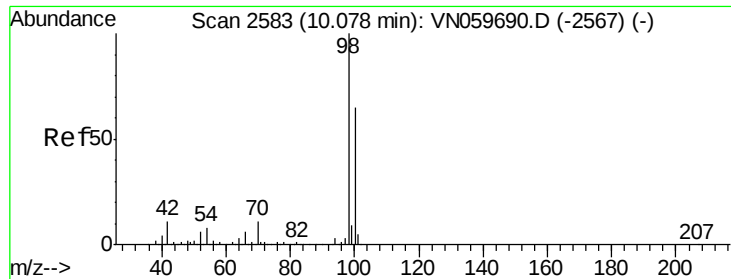
Tot Ion: 63 Resp: 677
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3#



#48
 Methyl methacrylate
 Concen: 1.122 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: VN059908.D
 Acq: 29 Jan 2020 13:37

Tgt Ion: 41 Resp: 2173
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.4 96.6#
 39 0.0 51.3 76.9#





#50

Toluene-d8

Concen: 50.779 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

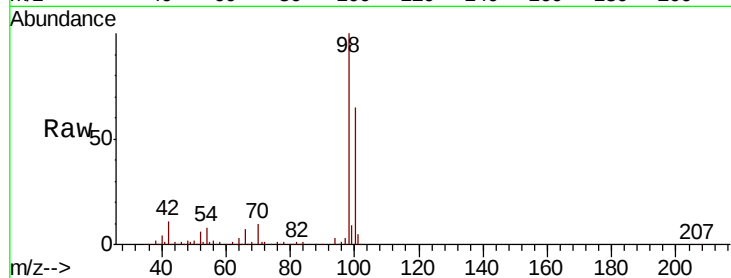
ClientSampled :

Tot Ion: 98 Resp: 361450

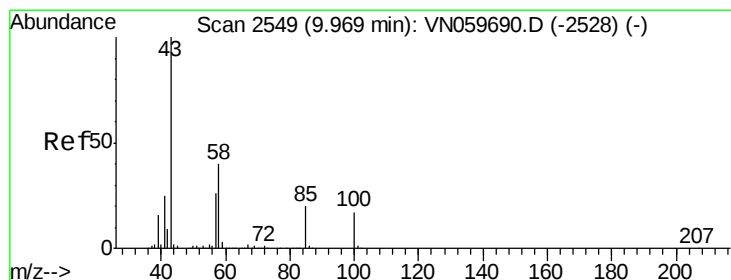
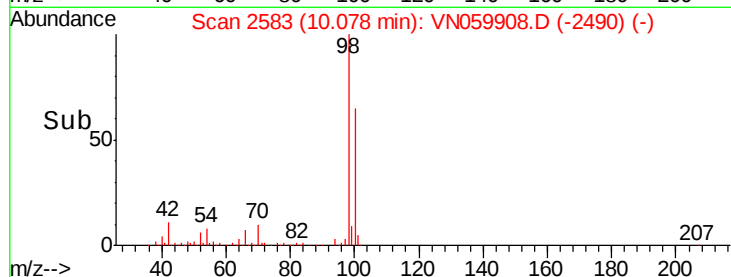
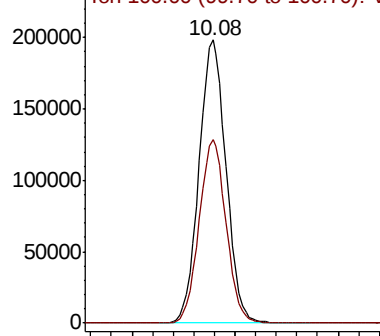
Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059908.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.201 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059908.D

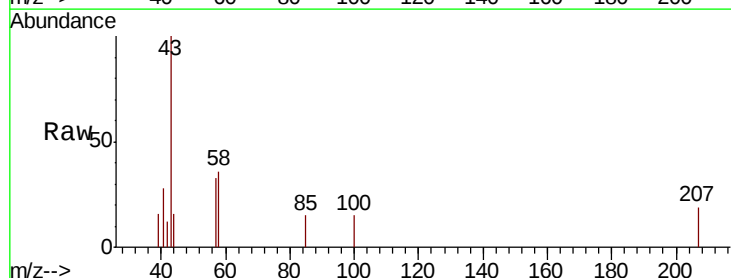
Acq: 29 Jan 2020 13:37

Tgt Ion: 43 Resp: 3005

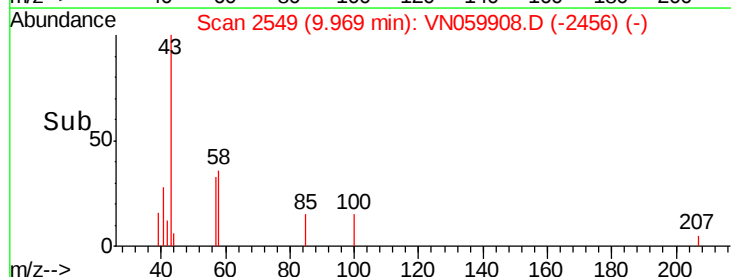
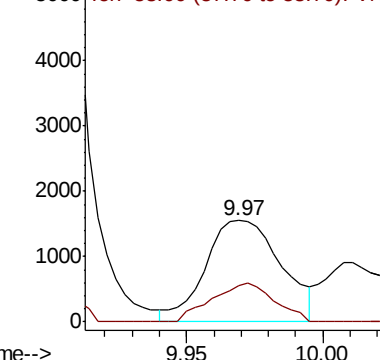
Ion Ratio Lower Upper

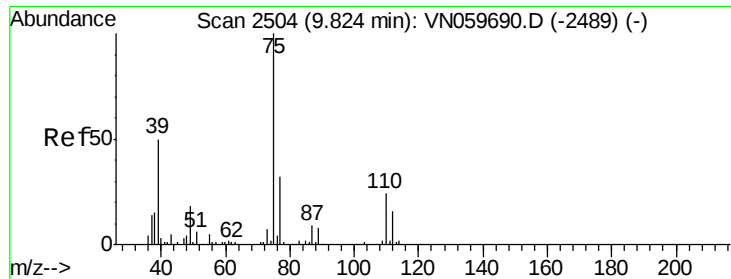
43 100

58 31.7 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059908.D (-2528) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.862 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

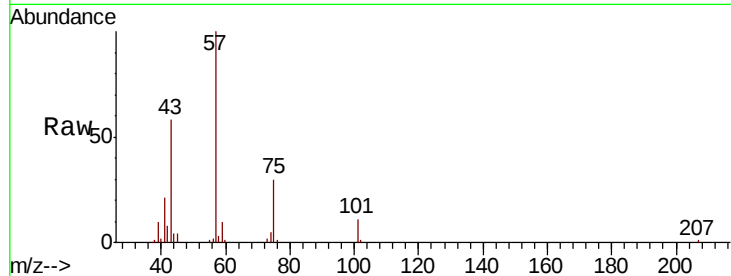
Tot Ion: 75 Resp: 19382

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

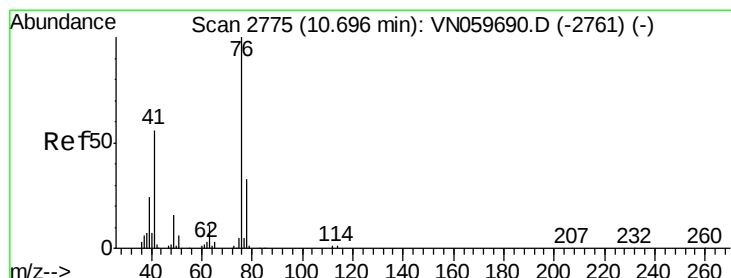
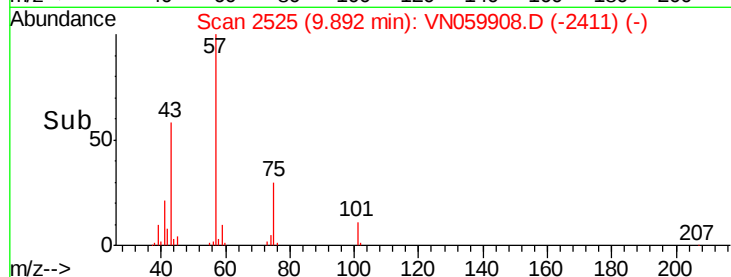
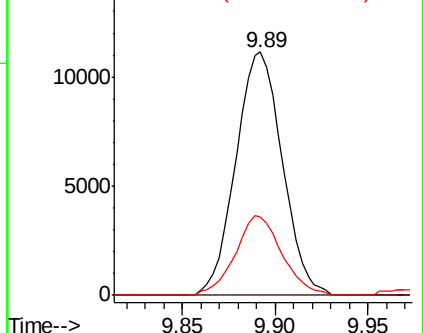
39 32.3 46.1 69.1#



Abundance Ion 74.90 (74.60 to 75.60): VN059908.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN059908.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN059908.D (-2489) (-)



#57

1,3-Dichloropropane

Concen: 0.910 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN059908.D

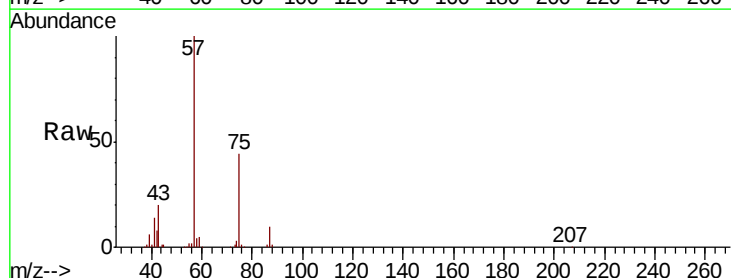
Acq: 29 Jan 2020 13:37

Tgt Ion: 76 Resp: 2891

Ion Ratio Lower Upper

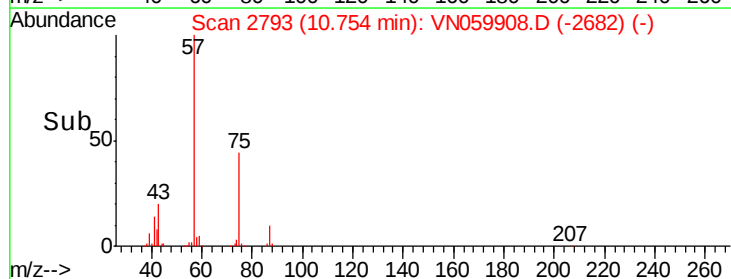
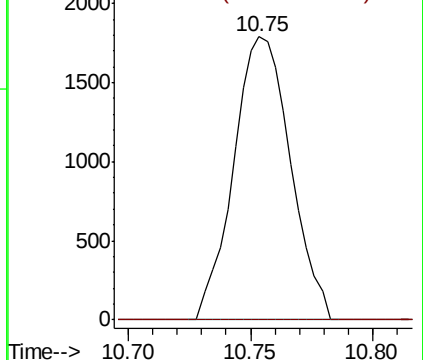
76 100

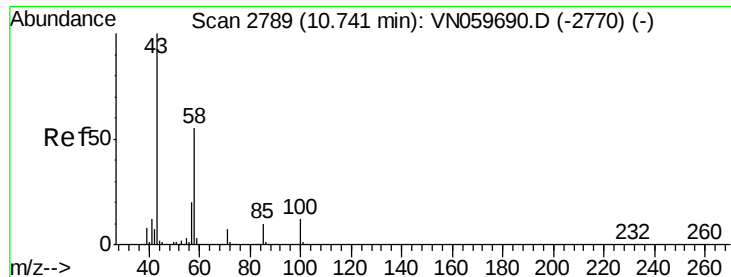
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN059908.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059908.D (-2761) (-)

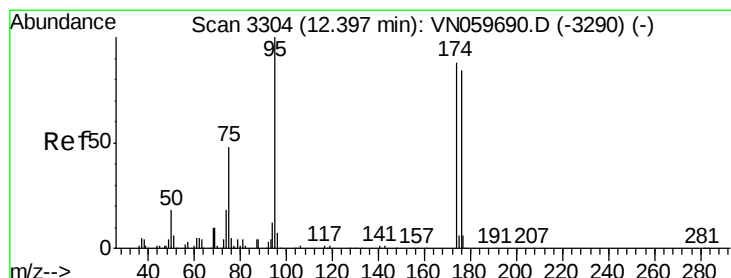
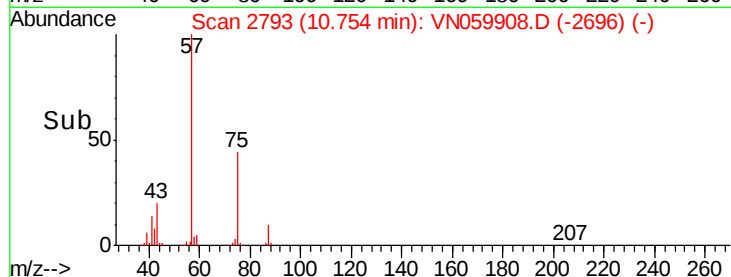
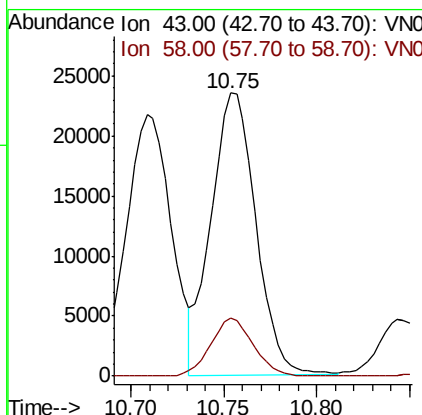
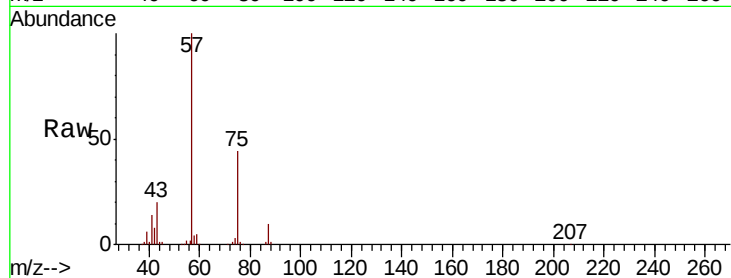




#59
2-Hexanone
Concen: 21.405 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

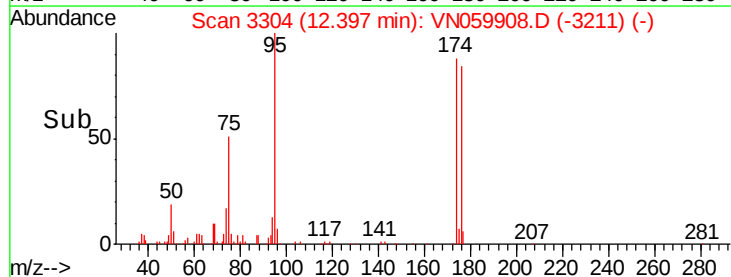
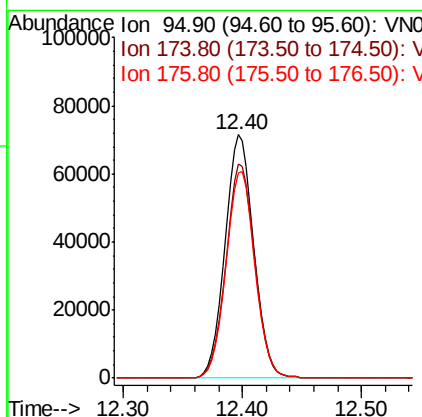
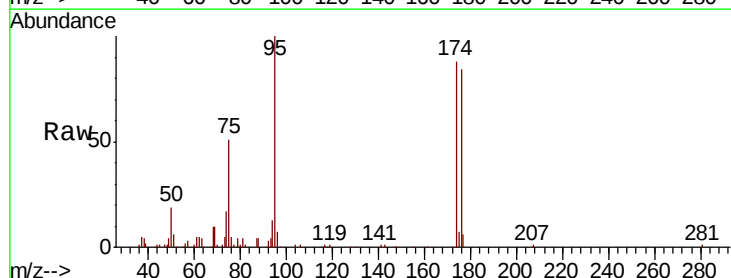
Instrument :
MSVOA_N
ClientSampled :

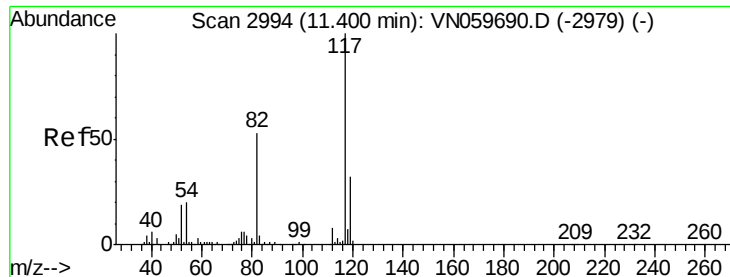
Tot Ion: 43 Resp: 39453
Ion Ratio Lower Upper
43 100
58 19.5 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion: 95 Resp: 119223
Ion Ratio Lower Upper
95 100
174 88.9 0.0 151.4
176 85.3 0.0 146.0

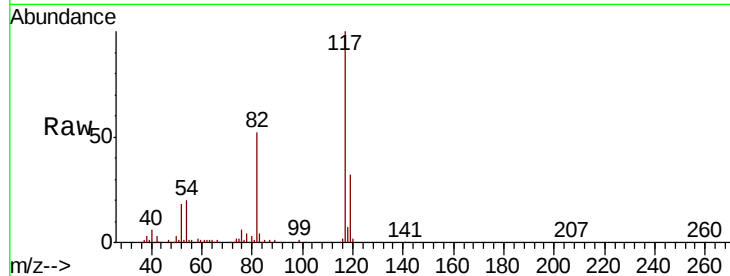




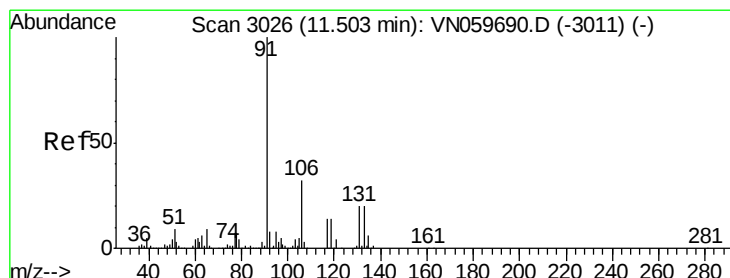
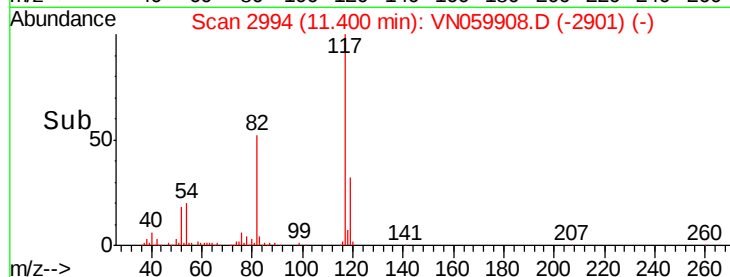
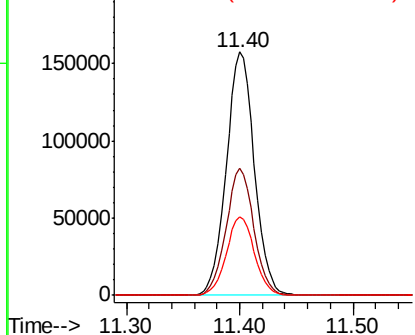
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 270644
Ion Ratio Lower Upper
117 100
82 52.2 45.9 68.9
119 32.1 25.5 38.3

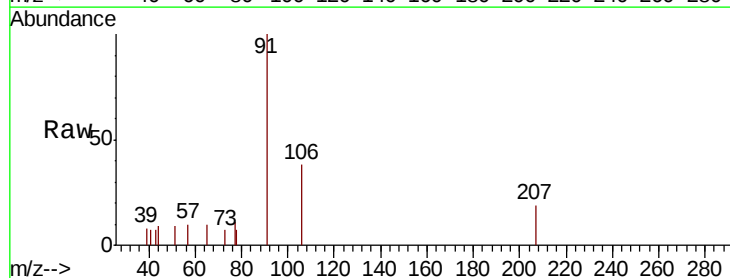


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

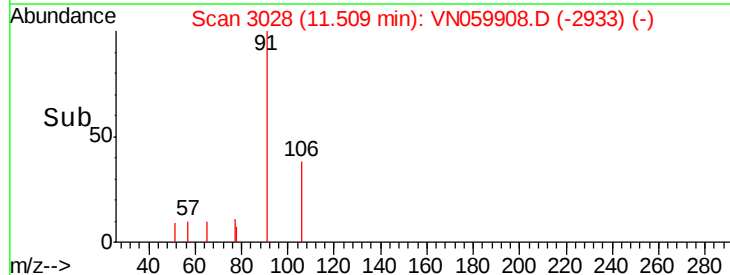
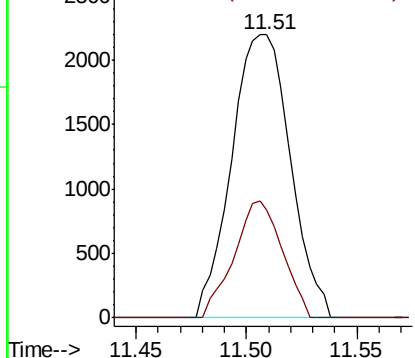


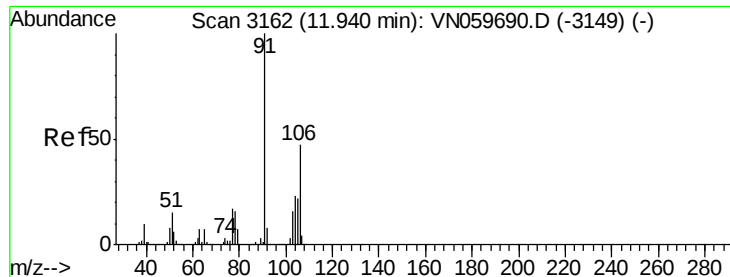
#67
Ethyl Benzene
Concen: 0.420 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion: 91 Resp: 4054
Ion Ratio Lower Upper
91 100
106 38.1 24.1 36.1#



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

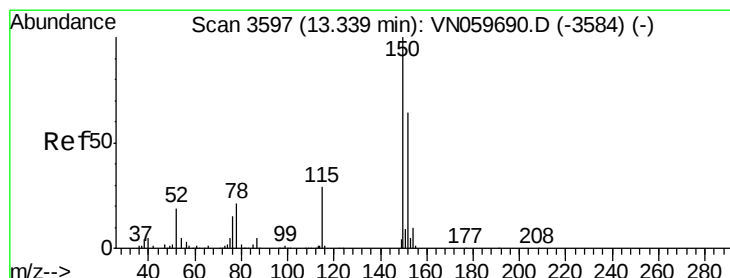
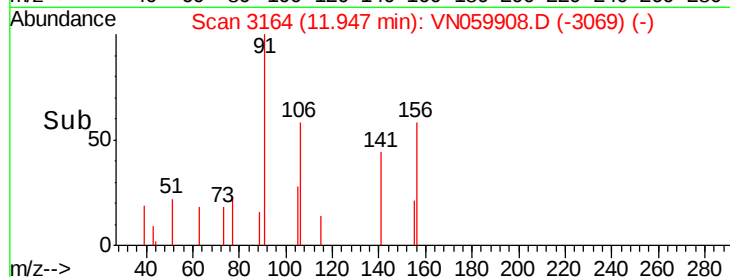
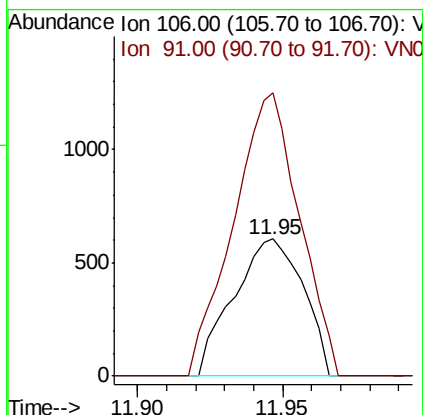
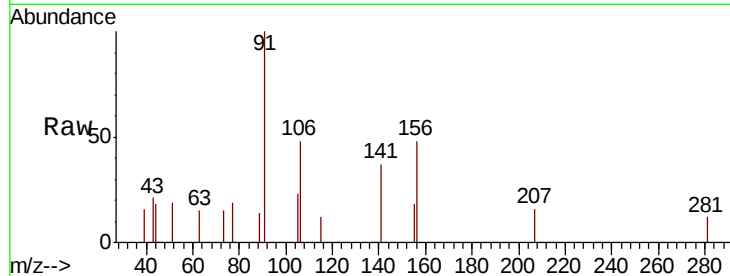




#69
o-Xylene
Concen: 0.282 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.01 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

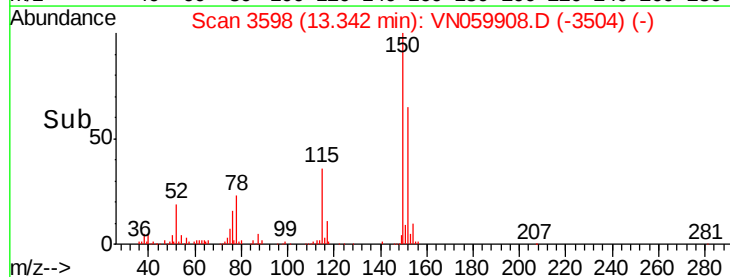
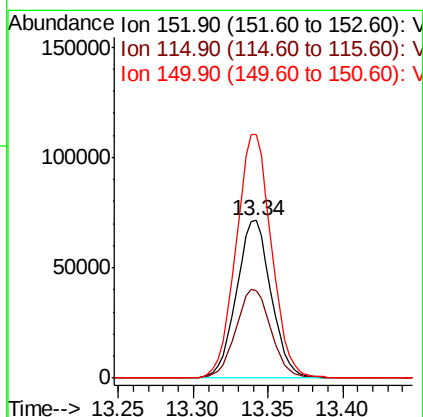
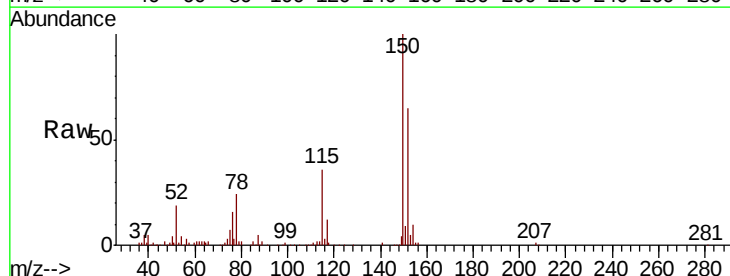
Instrument :
MSVOA_N
ClientSampled :

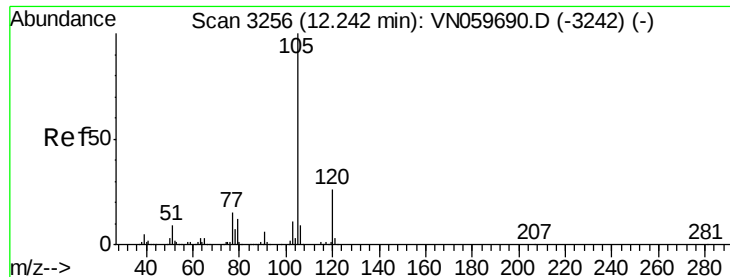
Tot Ion:106 Resp: 1008
Ion Ratio Lower Upper
106 100
91 196.3 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059908.D
Acq: 29 Jan 2020 13:37

Tgt Ion:152 Resp: 115571
Ion Ratio Lower Upper
152 100
115 56.7 30.3 90.9
150 157.2 0.0 345.2





#73

Isopropylbenzene

Concen: 0.668 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

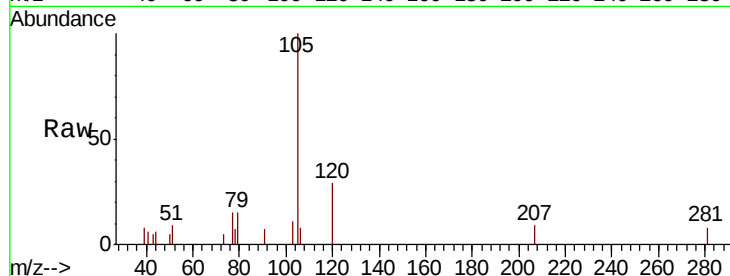
ClientSampleId :

Tot Ion:105 Resp: 5660

Ion Ratio Lower Upper

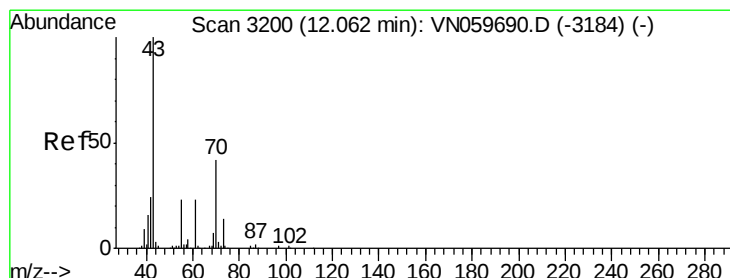
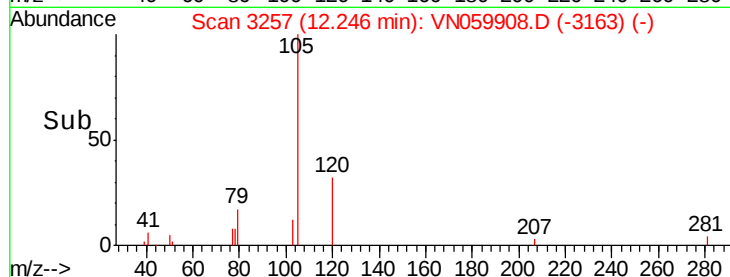
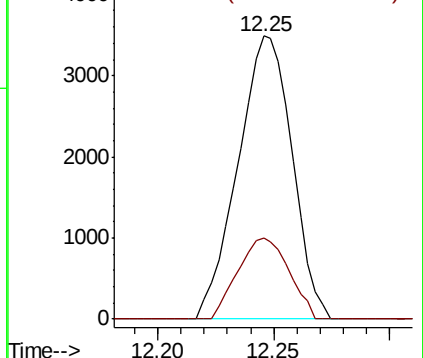
105 100

120 27.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.498 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.03 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Tgt Ion: 43 Resp: 1639

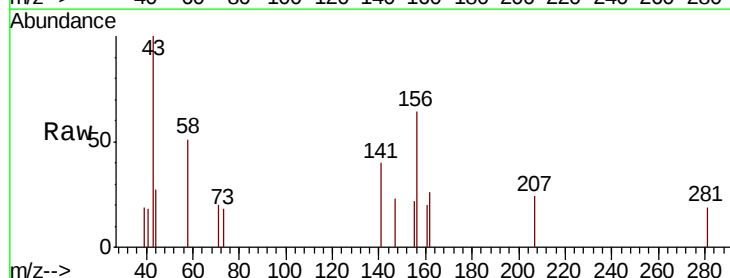
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

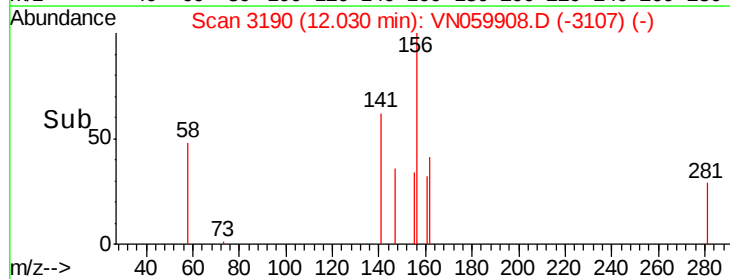
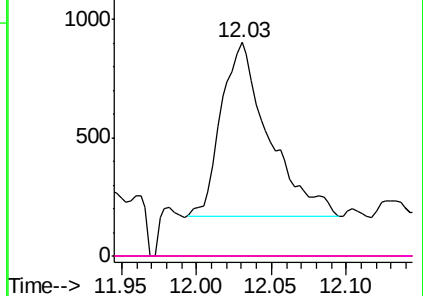


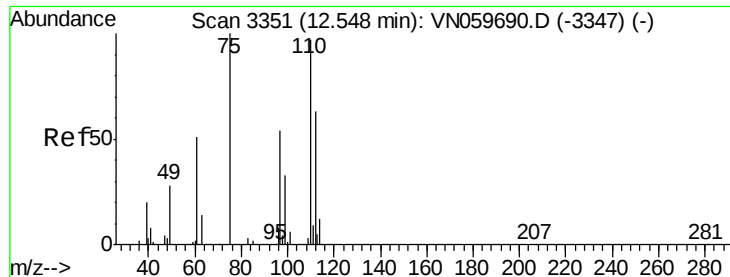
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 30.811 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

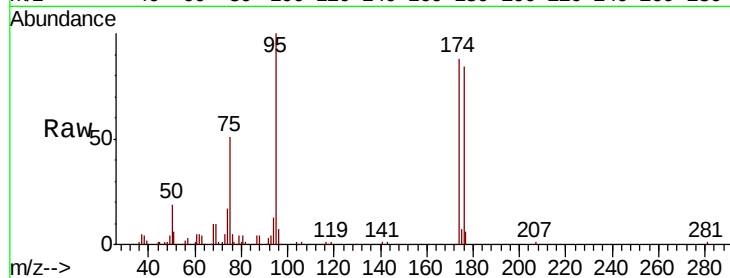
ClientSampled :

Tot Ion: 75 Resp: 59926

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

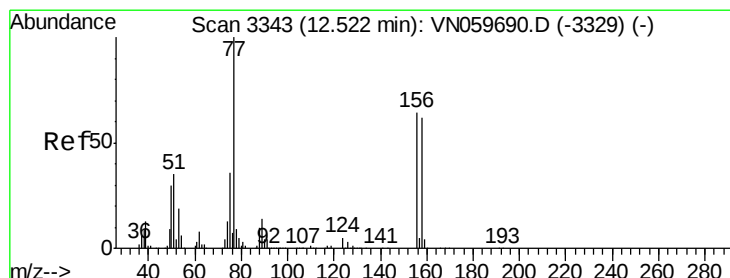
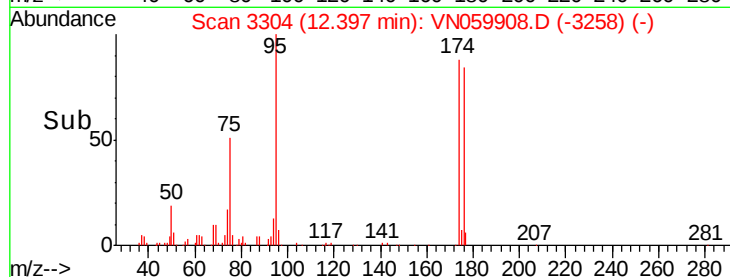


Abundance Ion 74.90 (74.60 to 75.60): VN059908.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059908.D (-3347) (-)

12.40

Time-->



#77

Bromobenzene

Concen: 2.503 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

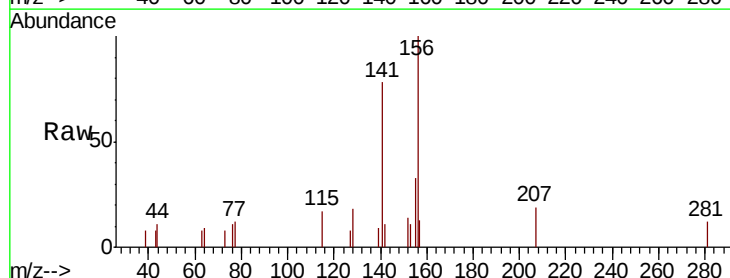
Tgt Ion: 156 Resp: 5372

Ion Ratio Lower Upper

156 100

77 8.4 115.8 347.4#

158 0.0 49.2 147.6#



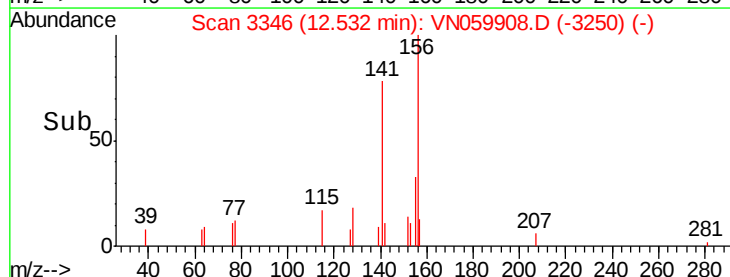
Abundance Ion 155.80 (155.50 to 156.50): VN059908.D (-3329) (-)

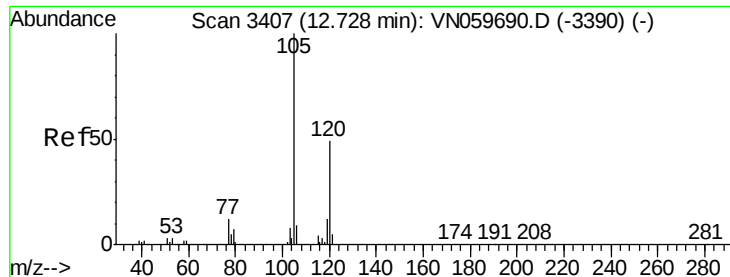
Ion 77.00 (76.70 to 77.70): VN059908.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN059908.D (-3329) (-)

12.53

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.264 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

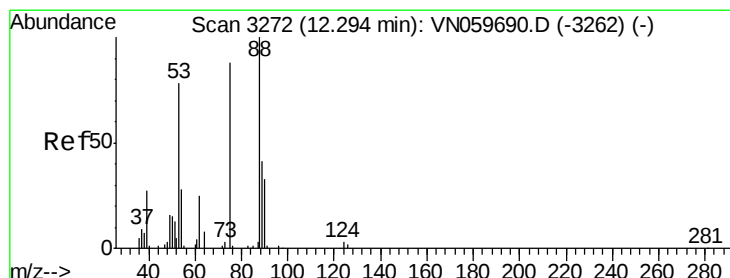
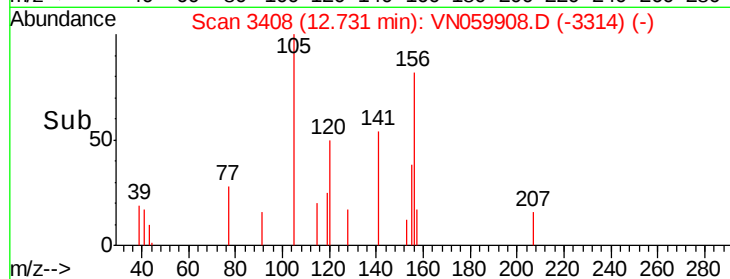
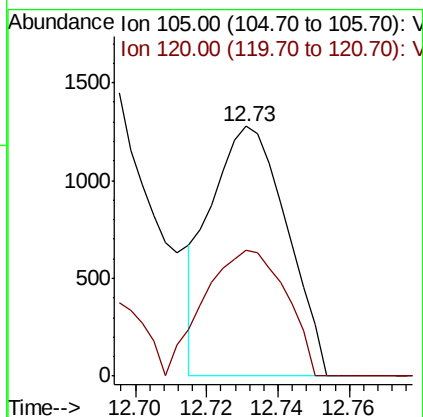
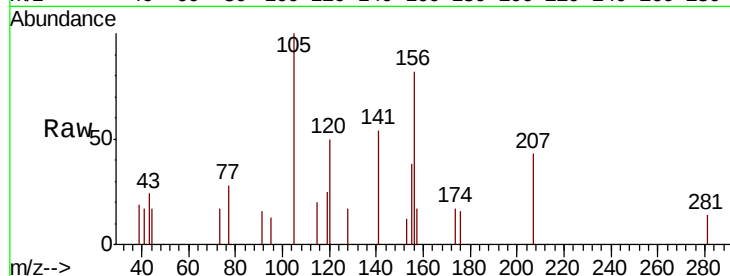
ClientSampled :

Tot Ion:105 Resp: 1883

Ion Ratio Lower Upper

105 100

120 54.3 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 66.167 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

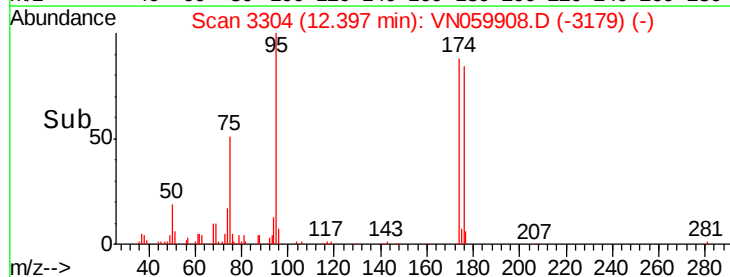
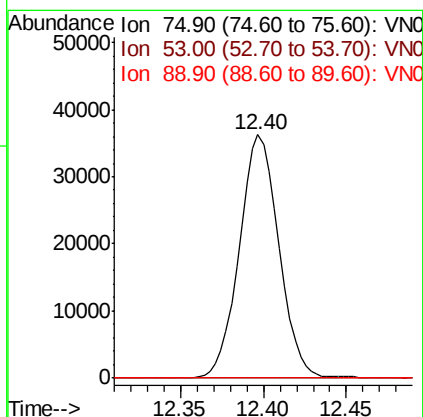
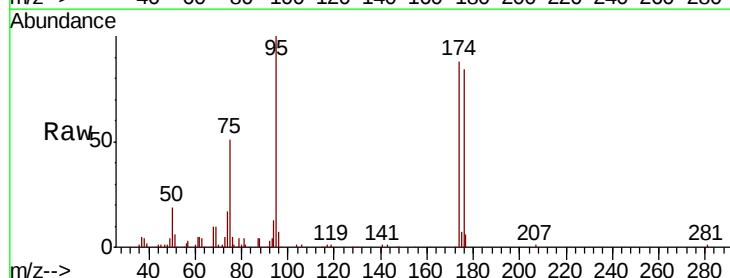
Tgt Ion: 75 Resp: 59926

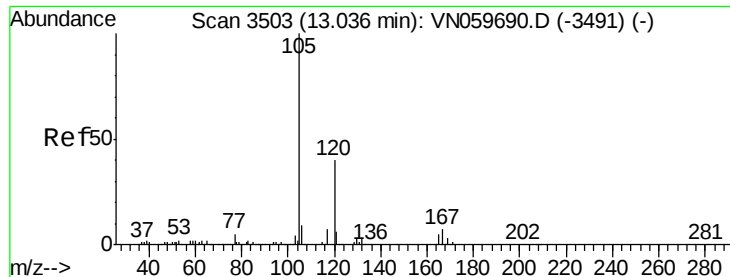
Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#





#84

1,2,4-Trimethylbenzene

Concen: 1.090 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

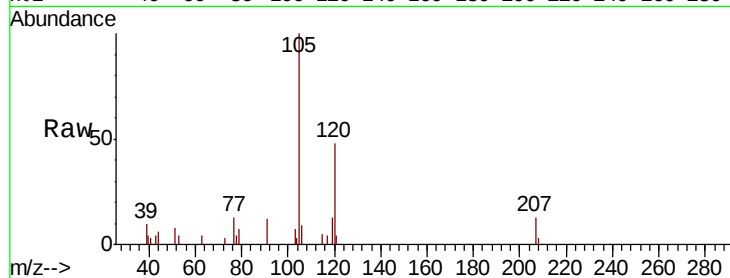
ClientSampled :

Tot Ion:105 Resp: 7686

Ion Ratio Lower Upper

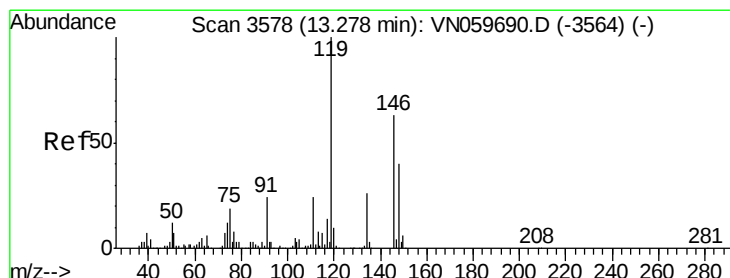
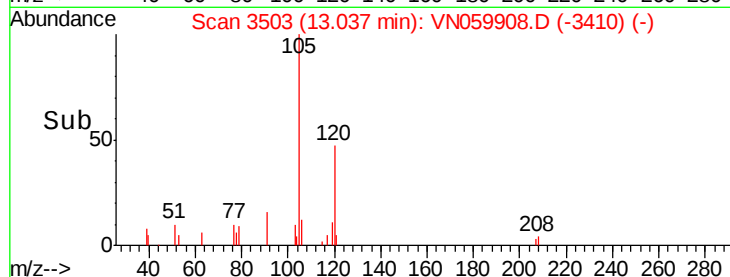
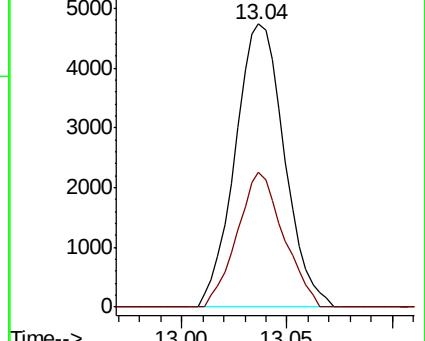
105 100

120 44.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#87

1,3-Dichlorobenzene

Concen: 0.726 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.08 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

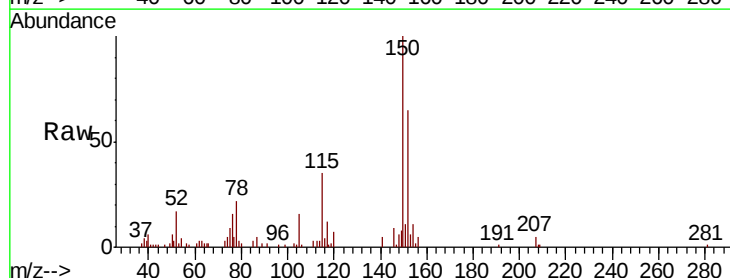
Tgt Ion:146 Resp: 2705

Ion Ratio Lower Upper

146 100

111 86.8 20.8 62.2#

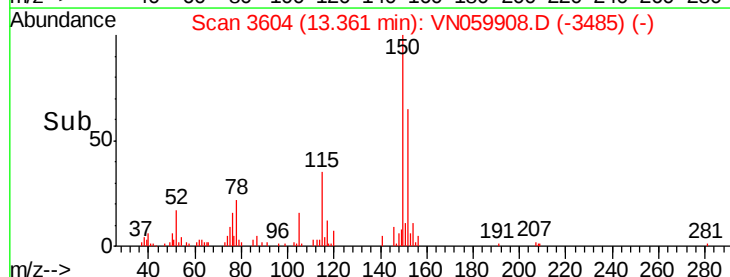
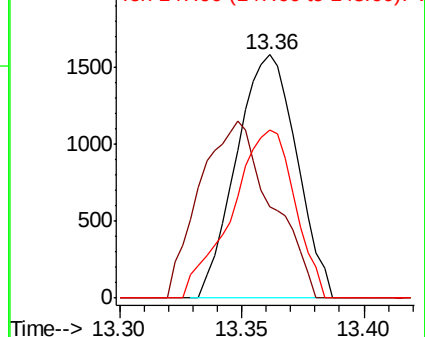
148 72.1 32.0 96.0

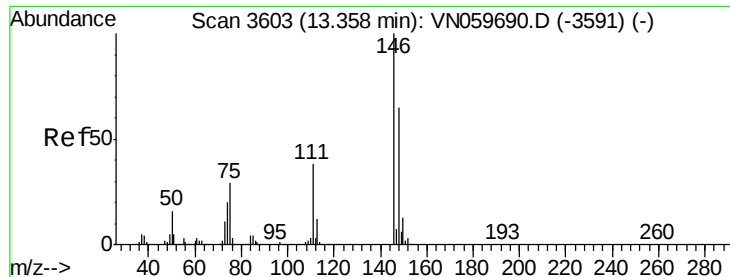


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.727 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059908.D

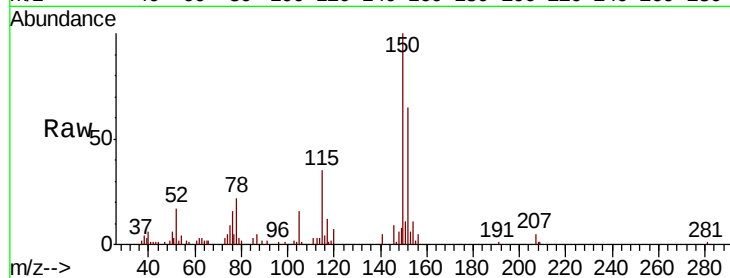
Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

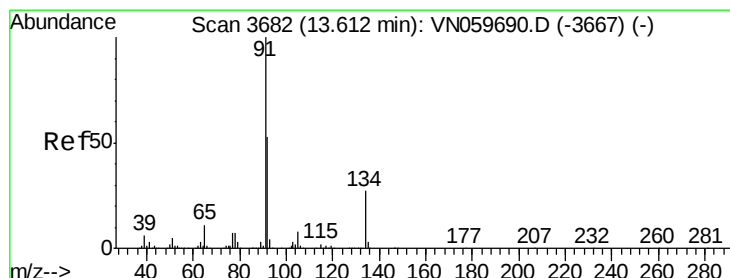
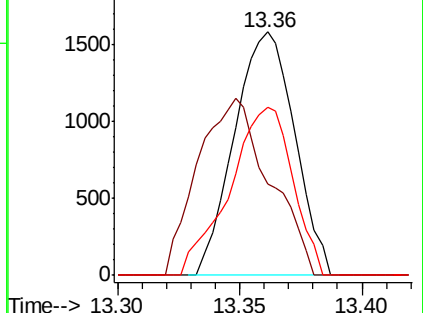
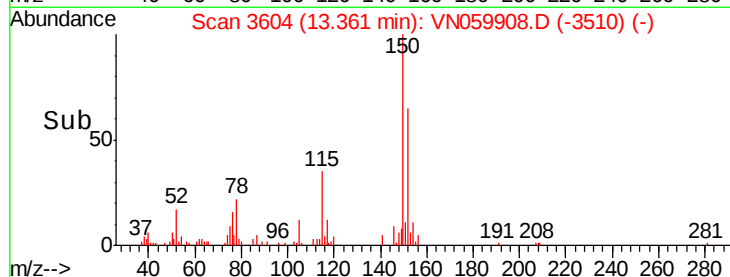
Tot Ion:	146	Resp:	2705
Ion	Ratio	Lower	Upper
146	100		
111	86.8	20.8	62.2#
148	72.1	31.8	95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 3.148 ug/l

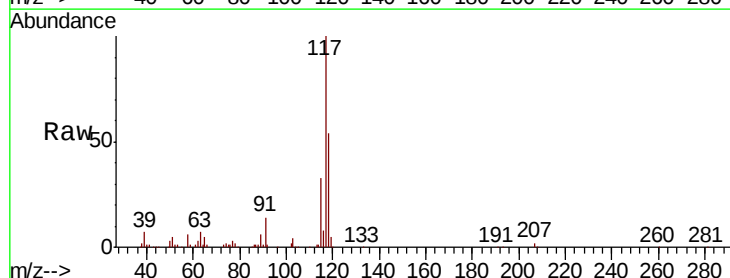
RT: 13.54 min Scan# 3660

Delta R.T. -0.07 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

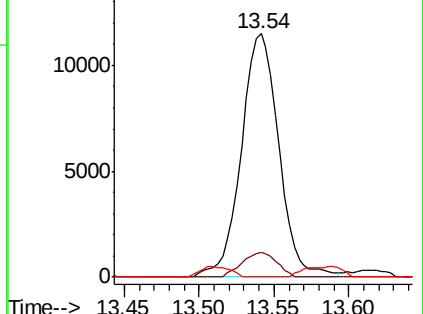
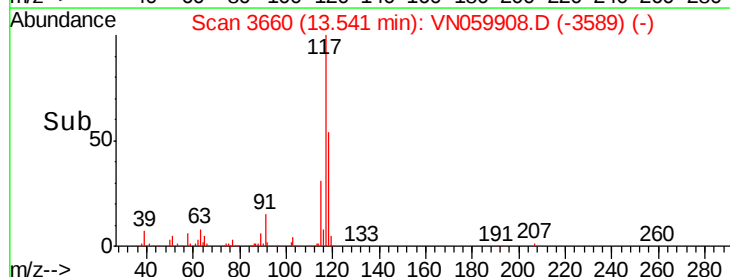
Tgt Ion:	91	Resp:	20120
Ion	Ratio	Lower	Upper
91	100		
92	9.3	25.9	77.7#
134	0.0	12.3	36.8#

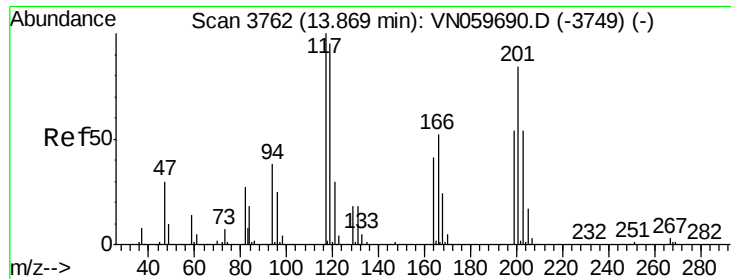


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.476 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

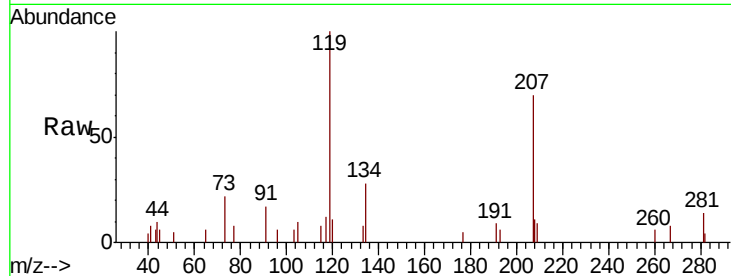
ClientSampled :

Tot Ion:117 Resp: 668

Ion Ratio Lower Upper

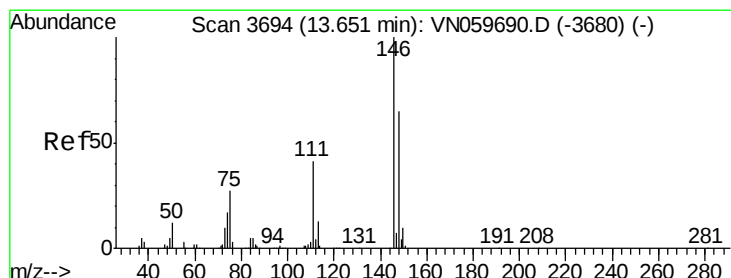
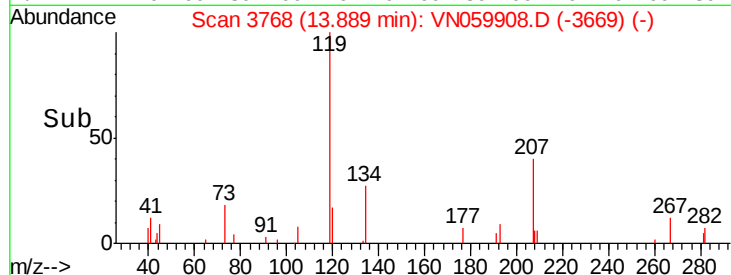
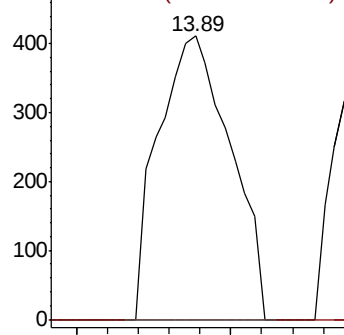
117 100

201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.291 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

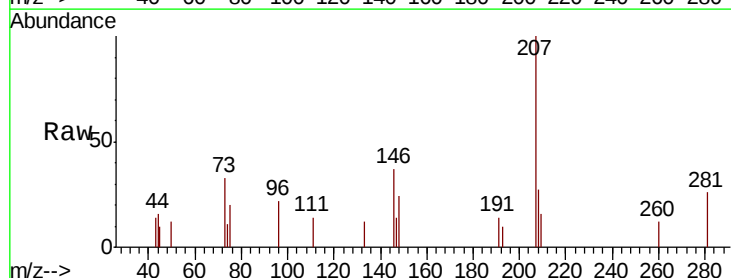
Tgt Ion:146 Resp: 1074

Ion Ratio Lower Upper

146 100

111 23.5 21.6 64.8

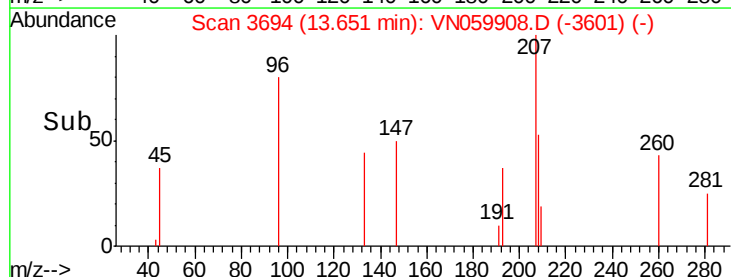
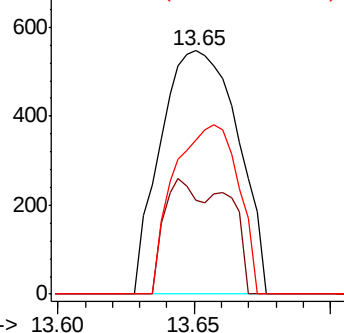
148 58.1 31.6 95.0

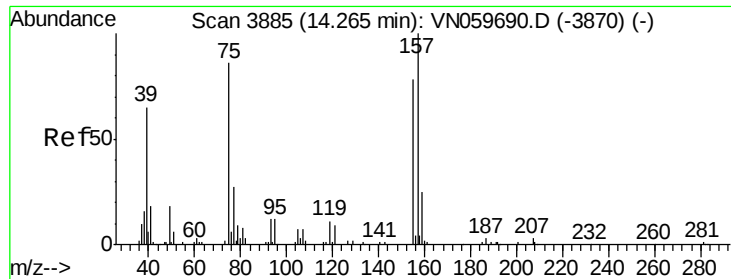


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

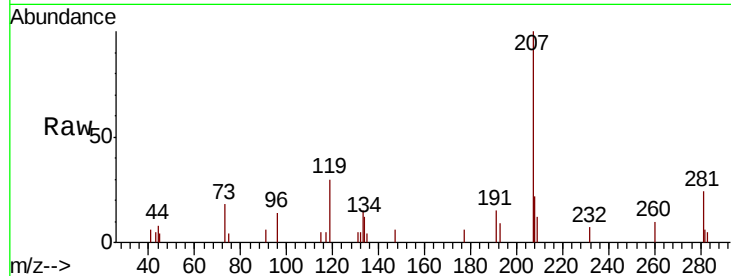
Tot Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

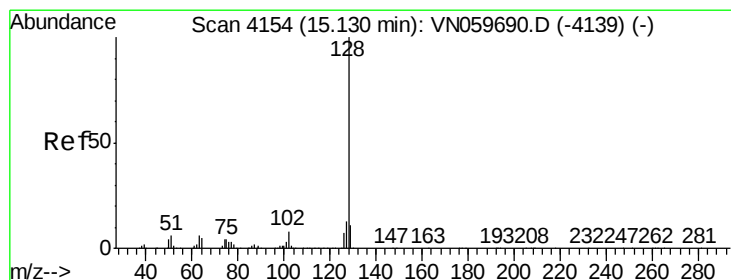
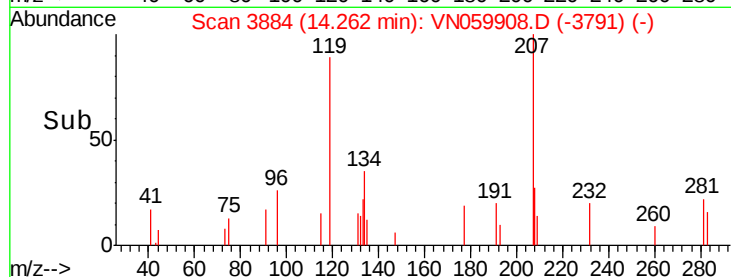
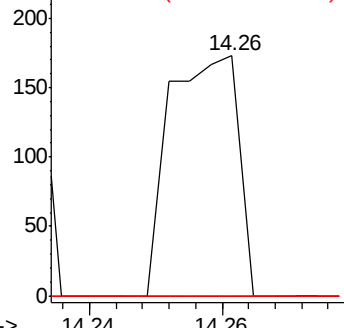
157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 50.286 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059908.D

Acq: 29 Jan 2020 13:37

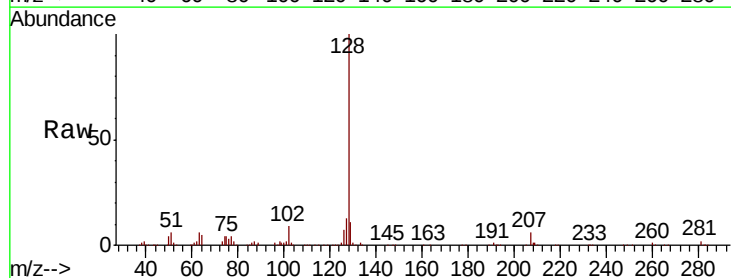
Tgt Ion: 128 Resp: 316795

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 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

