

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059032.D
 Acq On : 31 Oct 2019 12:26
 Operator : JC/SP
 Sample : K5146-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:10:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	385069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	606955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	262252	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.57	113	194945	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.09	98	768605	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.41	95	243597	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	

Target Compounds

						Qvalue
14) Allyl chloride	4.52	41	47579	6.194	ug/l #	24
16) Acetone	3.80	43	17376	6.226	ug/l	100
18) Methyl Acetate	4.30	43	7010	1.105	ug/l	95
20) Methylene Chloride	4.53	84	1264412	265.341	ug/l	97
25) 2-Butanone	6.83	43	1181	0.326	ug/l #	52
31) Cyclohexane	7.65	56	8467	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	30905	4.973	ug/l #	51
38) Carbon Tetrachloride	7.65	117	37836	5.910	ug/l #	17
43) Isopropyl Acetate	8.15	43	105901	9.752	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2325	0.465	ug/l #	44
48) Methyl methacrylate	9.17	41	6407	1.300	ug/l #	14
49) 1,4-Dioxane	9.26	88	119	1.471	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7385	1.164	ug/l	97
52) Toluene	10.15	92	5517	0.510	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	42310	5.487	ug/l #	60
56) Ethyl methacrylate	10.54	69	1901	2.341	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6999	0.895	ug/l #	43
59) 2-Hexanone	10.76	43	107630	21.960	ug/l #	55
67) Ethyl Benzene	11.51	91	6018	0.304	ug/l	93
68) m/p-Xylenes	11.62	106	8321	1.135	ug/l	94
69) o-Xylene	11.95	106	3492	0.499	ug/l	97
70) Styrene	11.96	104	473	1.749	ug/l #	1
71) Bromoform	12.41	173	1305	0.396	ug/l #	1
74) N-ethyl acetate	12.04	43	4899	0.710	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	125052	25.922	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	8068	0.631	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.41	75	125052	67.530	ug/l #	10
83) tert-Butylbenzene	13.05	119	2300	0.210	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.05	105	17230	1.367	ug/l	100
93) 1,2,4-Trichlorobenzene	14.92	180	429	2.619	ug/l #	47
95) Naphthalene	15.13	128	60337	7.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	513	2.515	ug/l #	24

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ClientSampleId :

Quant Time: Nov 01 01:10:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

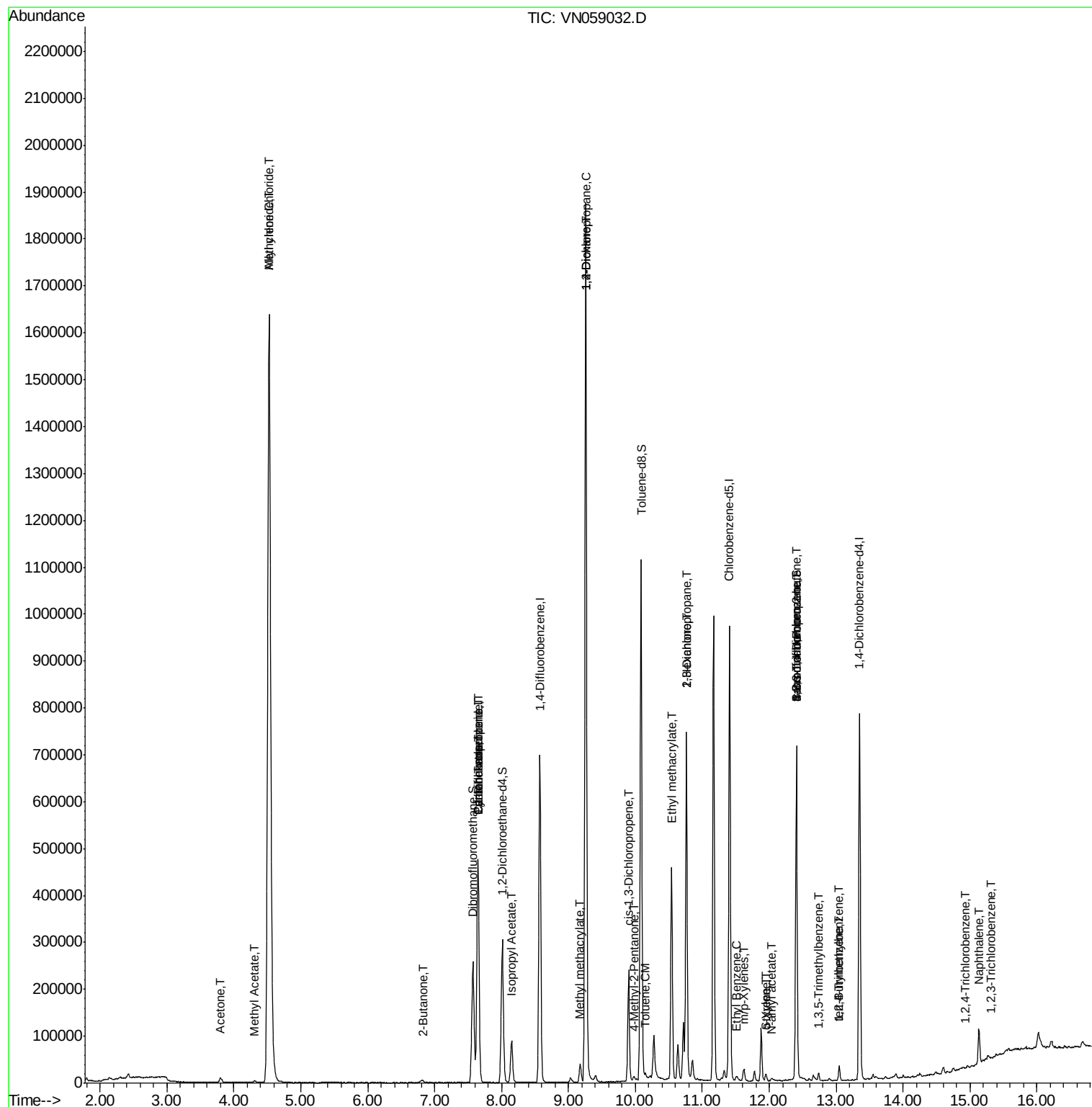
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

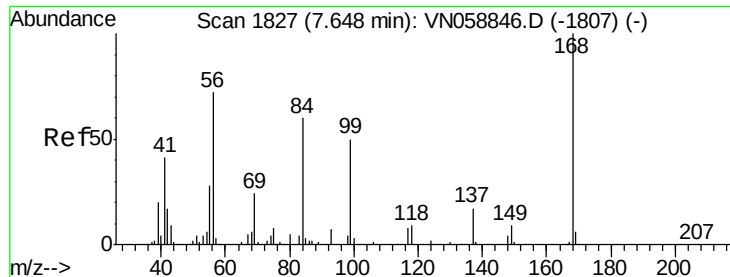
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103119\
Data File : VN059032.D
Acq On : 31 Oct 2019 12:26
Operator : JC/SP
Sample : K5146-22
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

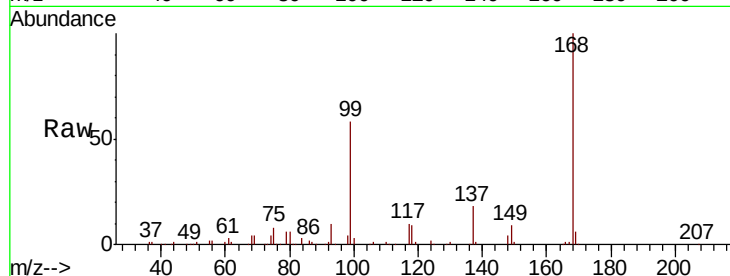
ClientSampled :

Tot Ion:168 Resp: 385069

Ion Ratio Lower Upper

168 100

99 58.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

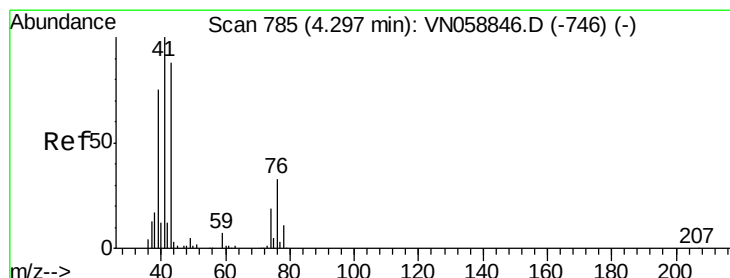
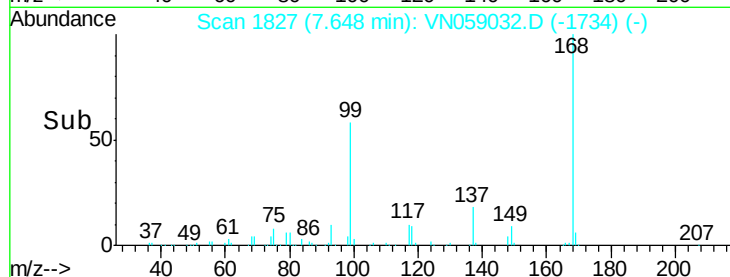
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 6.194 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.23 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

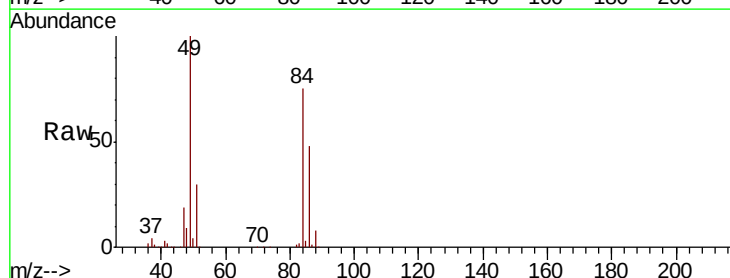
Tgt Ion: 41 Resp: 47579

Ion Ratio Lower Upper

41 100

39 0.7 55.9 83.9#

76 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

20000

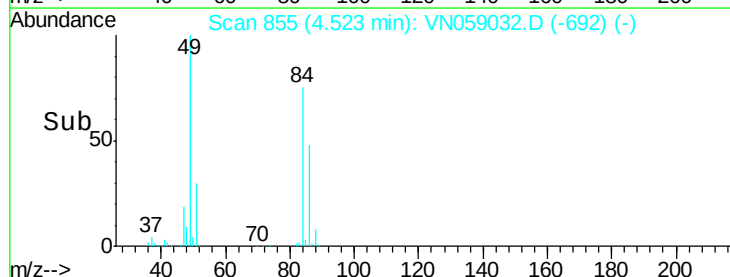
15000

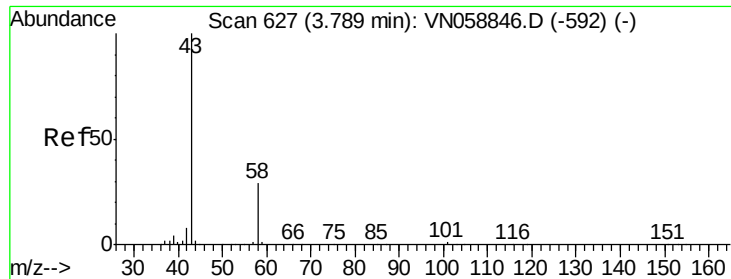
10000

5000

0

Time-->





#16

Acetone

Concen: 6.226 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

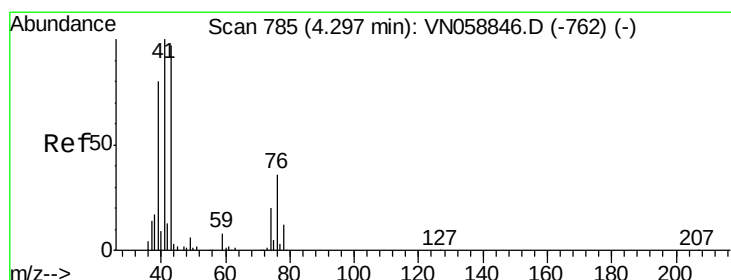
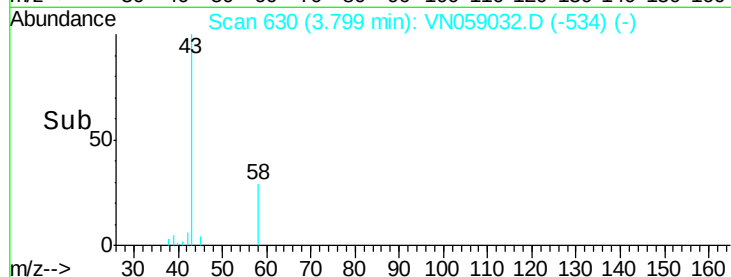
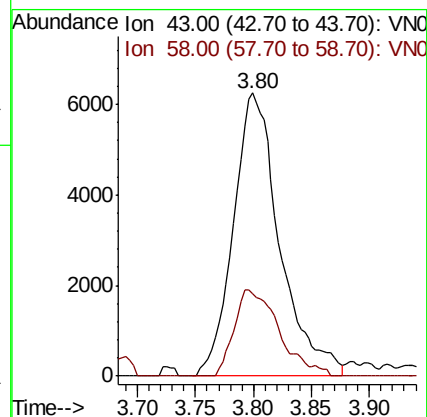
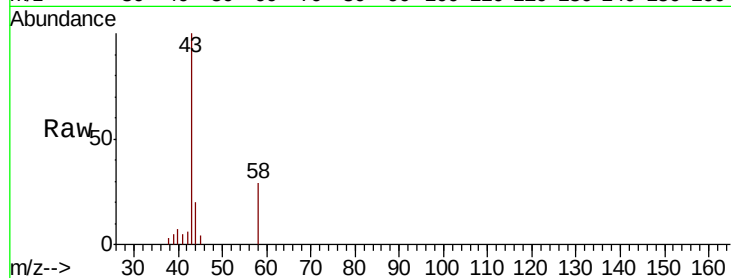
ClientSampled :

Tot Ion: 43 Resp: 17376

Ion Ratio Lower Upper

43 100

58 28.9 23.1 34.7



#18

Methyl Acetate

Concen: 1.105 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059032.D

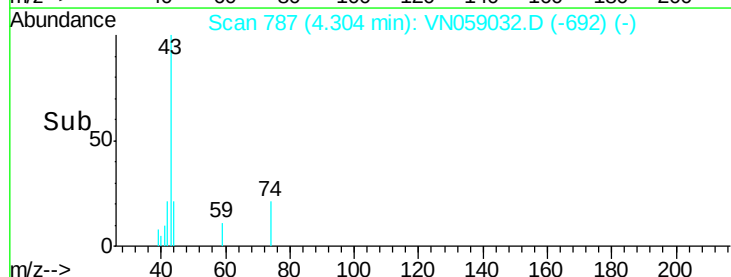
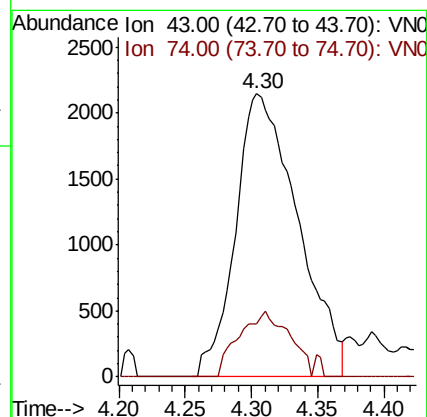
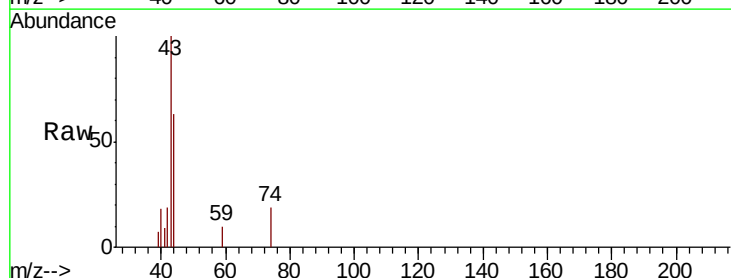
Acq: 31 Oct 2019 12:26

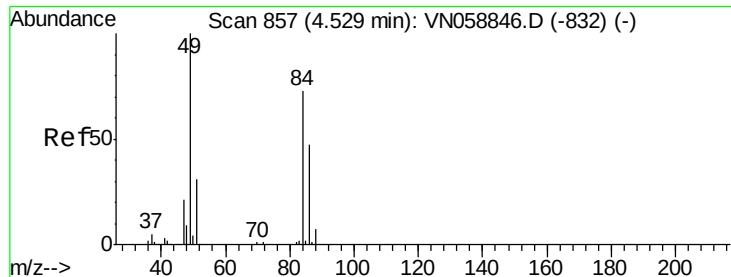
Tgt Ion: 43 Resp: 7010

Ion Ratio Lower Upper

43 100

74 18.8 17.1 25.7



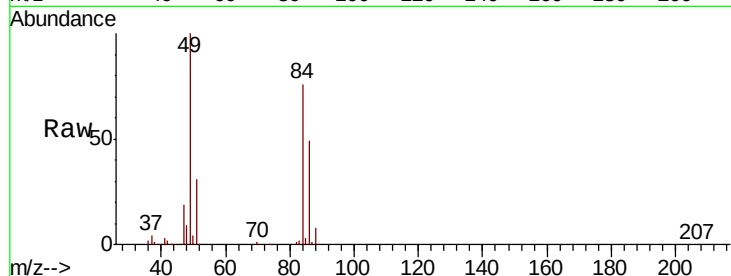


#20
Methvlene Chloride
Concen: 265.341 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 1264412

Ion	Ratio	Lower	Upper
84	100		
49	132.4	109.6	164.4
51	40.6	33.8	50.6
86	64.6	51.5	77.3

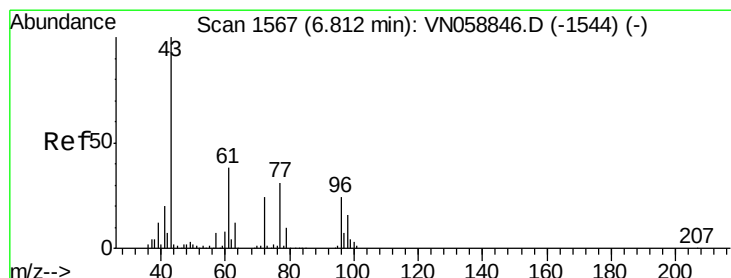
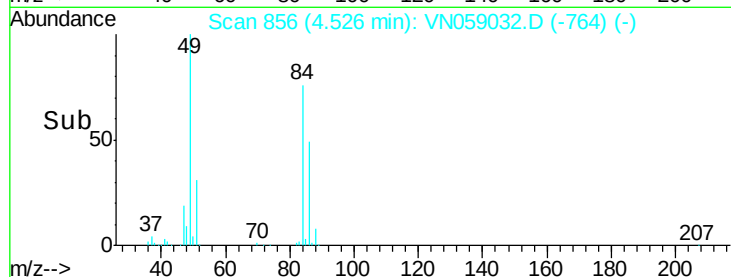
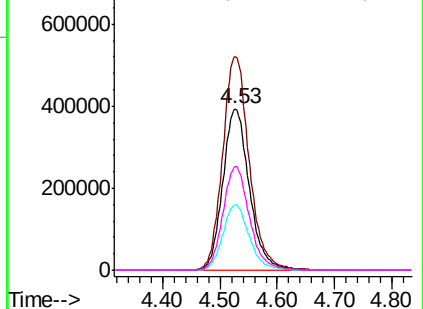


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

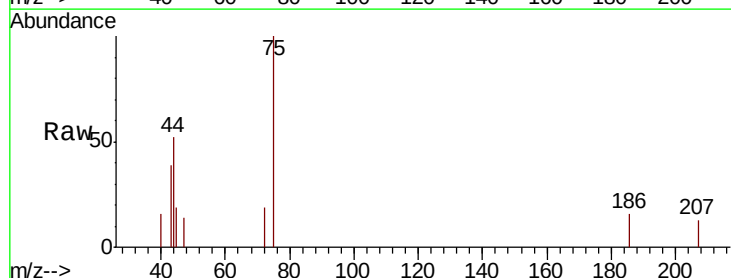
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 0.326 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

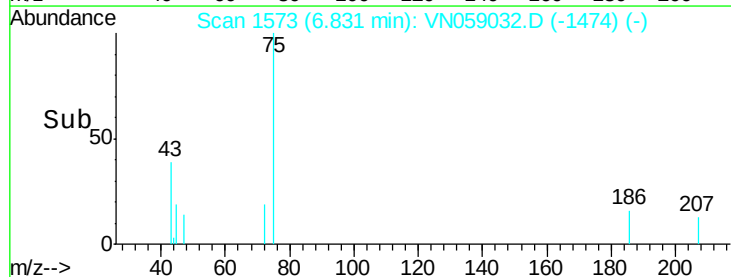
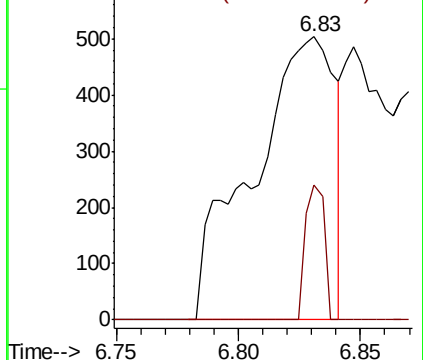
Tgt Ion: 43 Resp: 1181

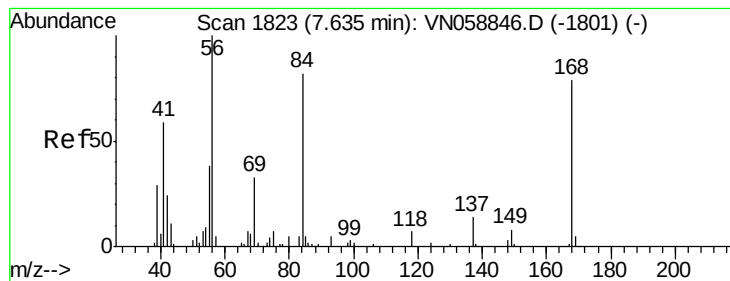
Ion	Ratio	Lower	Upper
43	100		
72	47.7	19.1	28.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 1.043 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

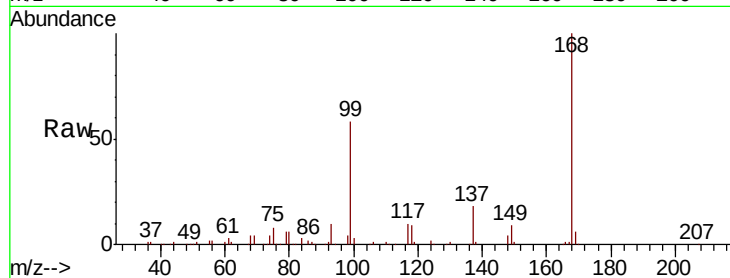
Tot Ion: 56 Resp: 8467

Ion Ratio Lower Upper

56 100

69 177.6 26.2 39.4#

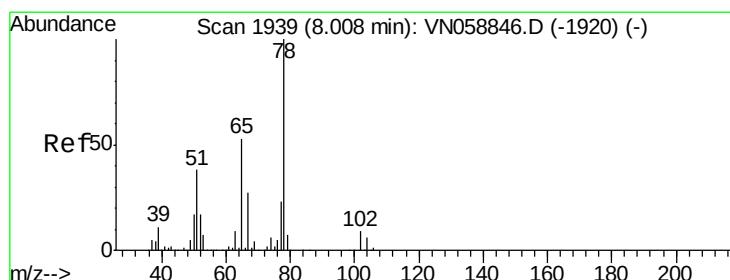
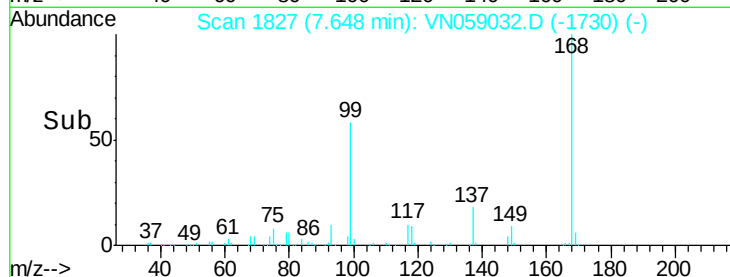
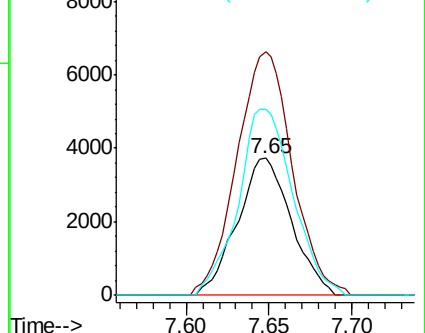
84 135.5 65.6 98.4#



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: 46.436 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059032.D

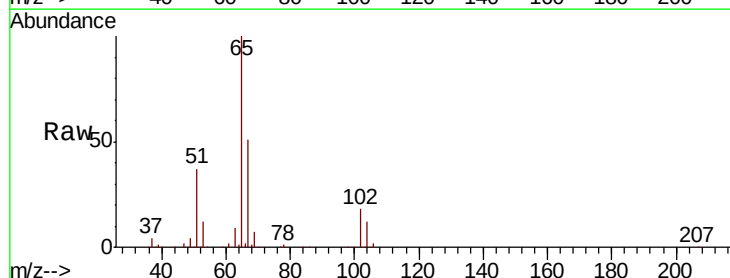
Acq: 31 Oct 2019 12:26

Tgt Ion: 65 Resp: 262252

Ion Ratio Lower Upper

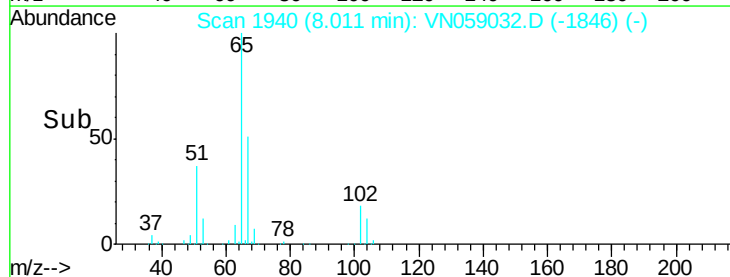
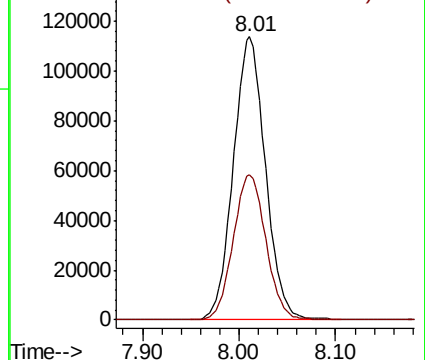
65 100

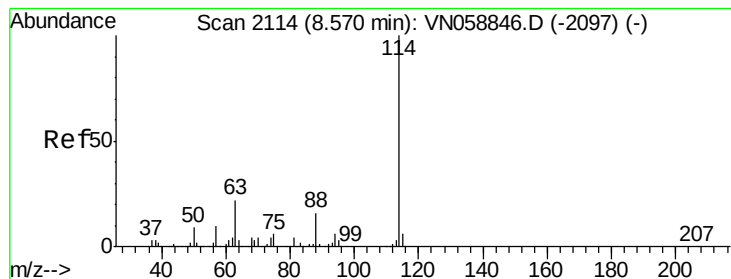
67 52.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

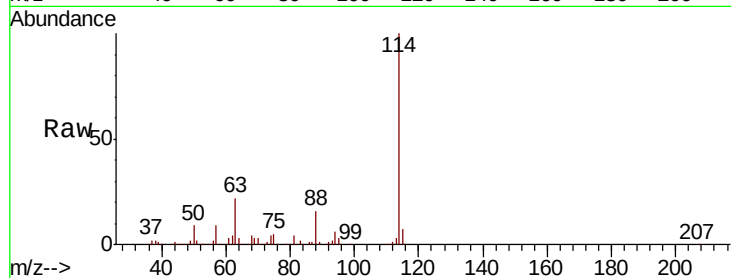
Tot Ion:114 Resp: 606955

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.4

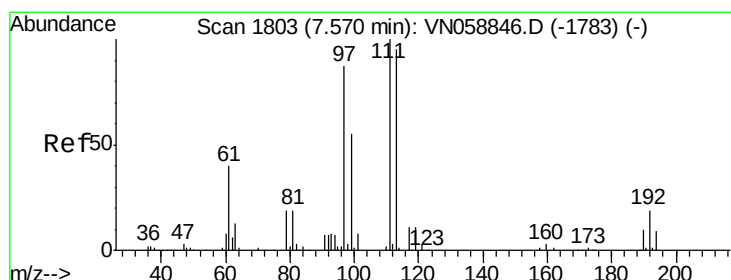
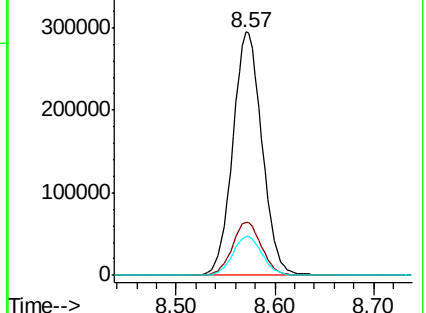
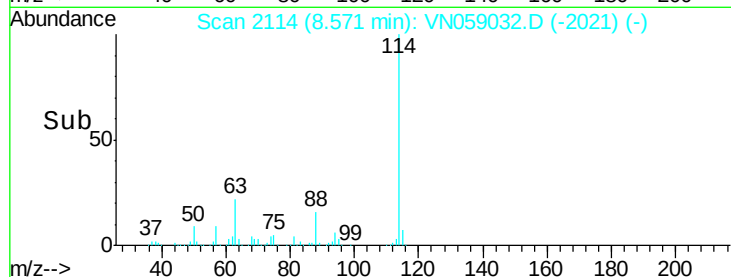
88 15.9 0.0 31.4



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: 48.851 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

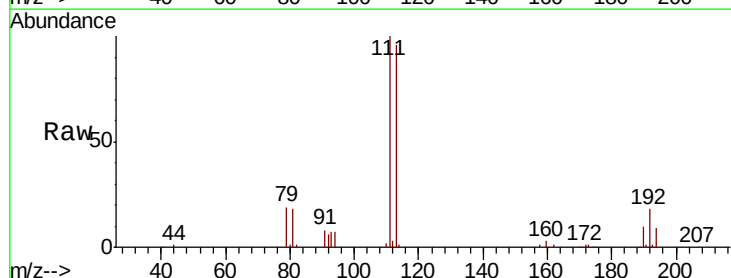
Tgt Ion:113 Resp: 194945

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

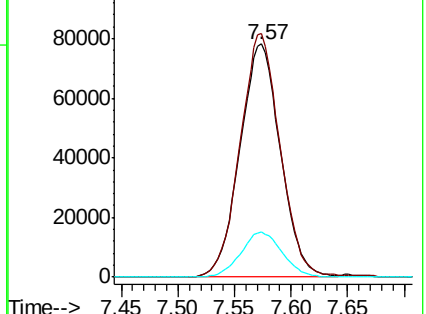
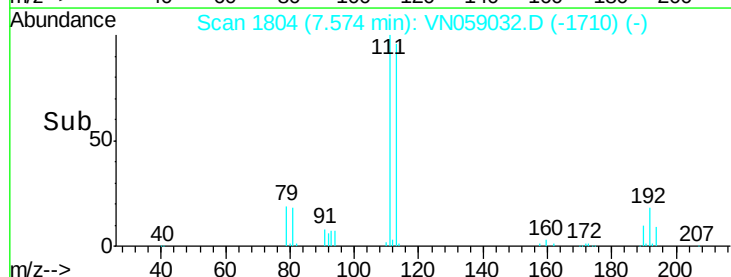
192 19.7 15.0 22.6

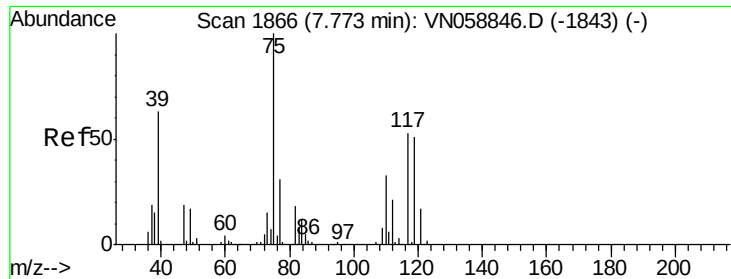


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

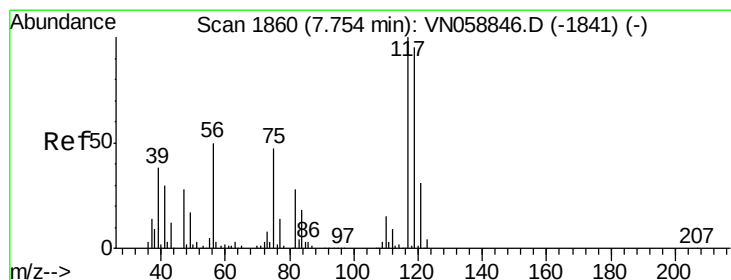
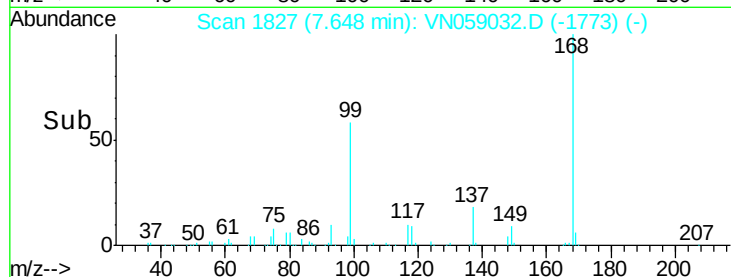
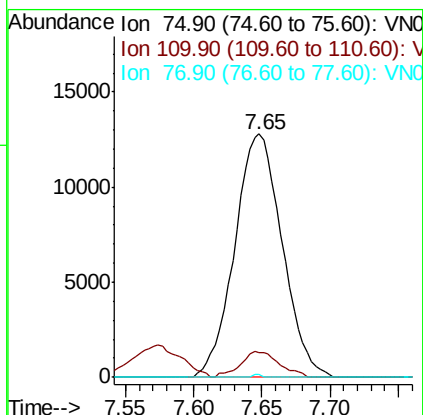
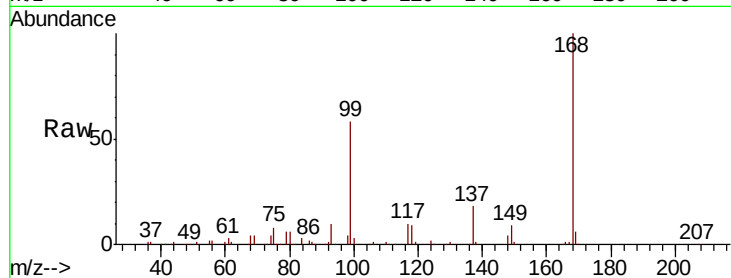




#36
 1,1-Dichloropropene
 Concen: 4.973 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

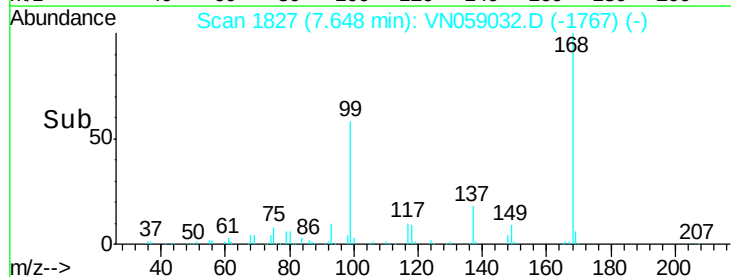
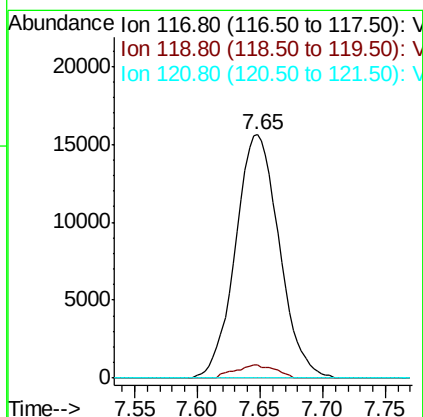
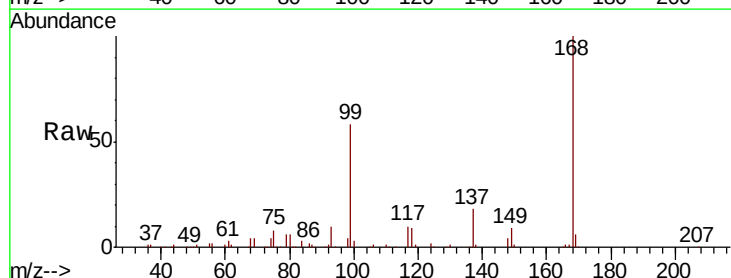
Instrument :
 MSVOA_N
 ClientSampleId :

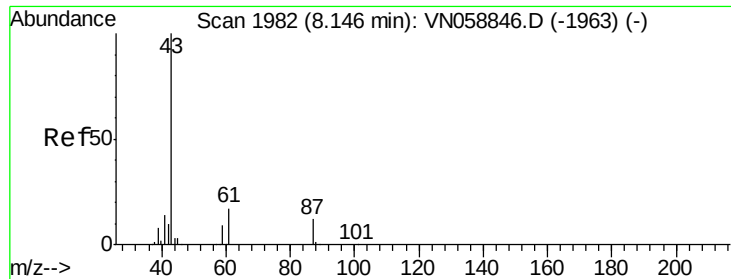
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.3	48.9#
77	0.2	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.910 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.7	113.5#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 9.752 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

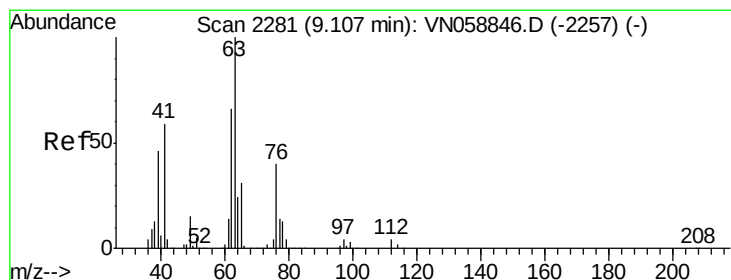
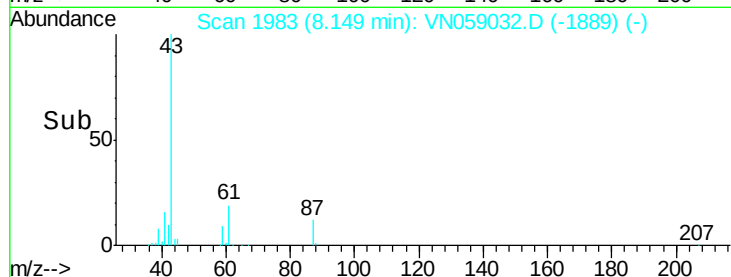
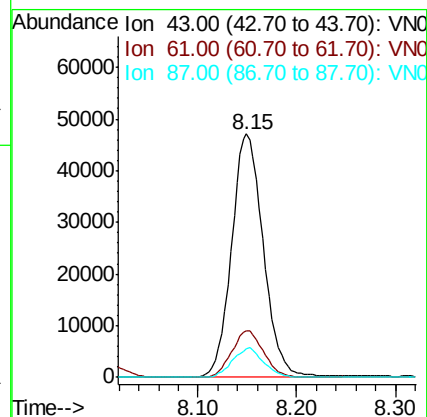
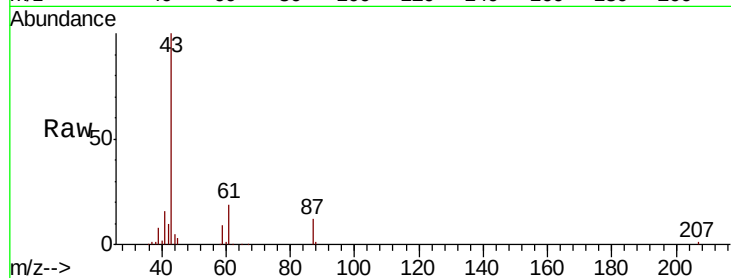
Tot Ion: 43 Resp: 105901

Ion Ratio Lower Upper

43 100

61 19.0 20.2 30.2#

87 11.7 9.5 14.3



#45

1,2-Dichloropropane

Concen: 0.465 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059032.D

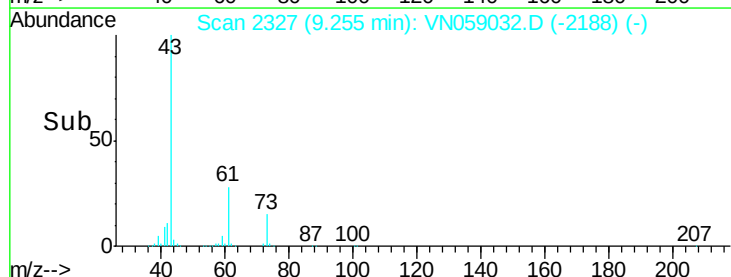
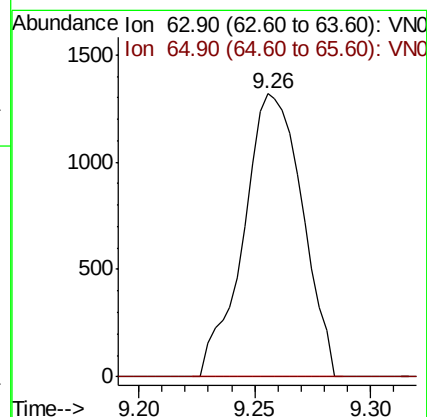
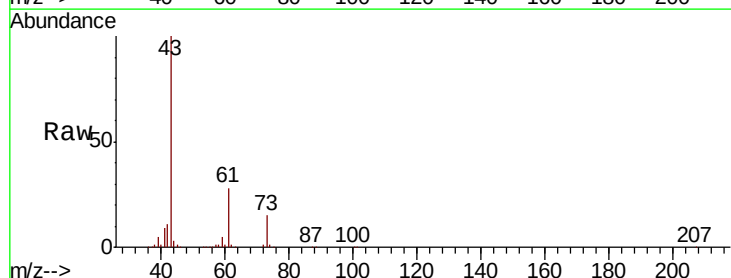
Acq: 31 Oct 2019 12:26

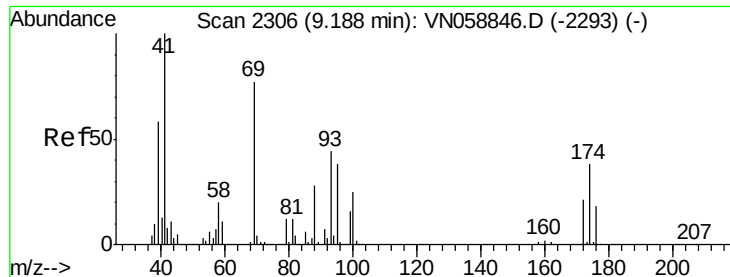
Tgt Ion: 63 Resp: 2325

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#

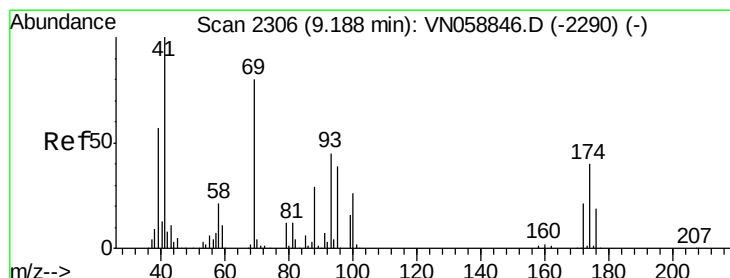
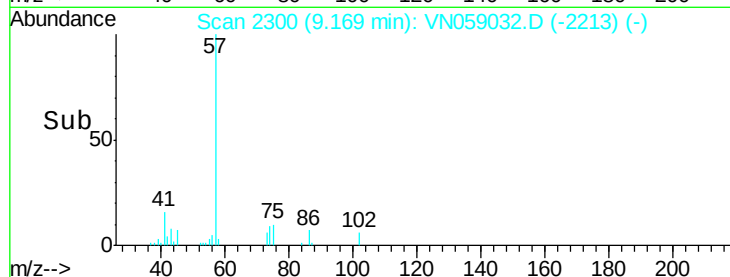
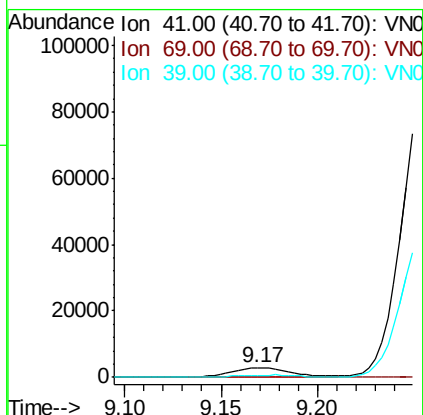
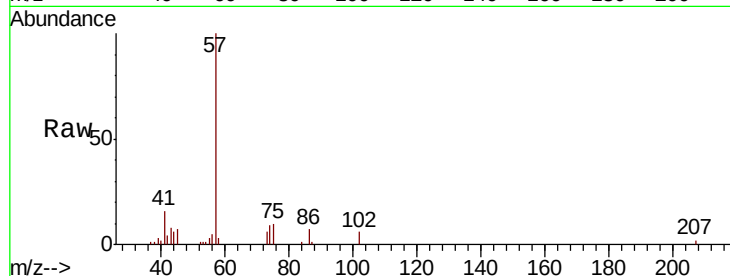




#48
Methvl methacrylate
Concen: 1.300 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

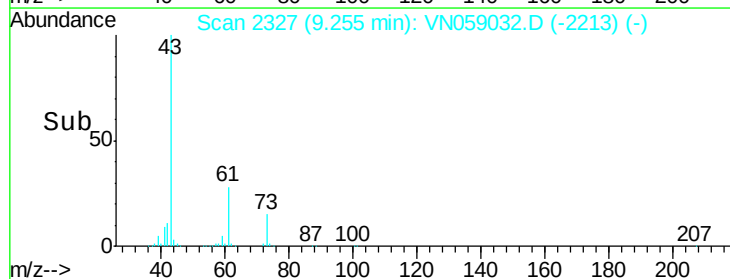
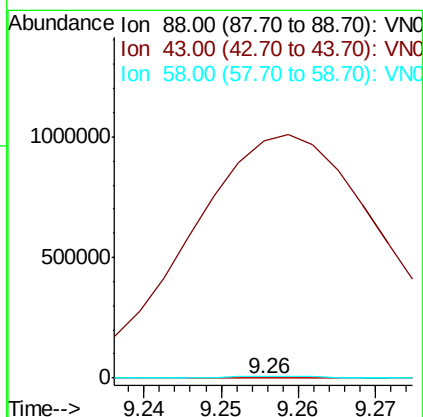
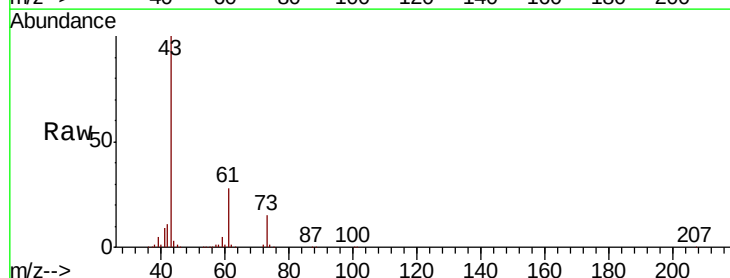
Instrument :
MSVOA_N
ClientSampled :

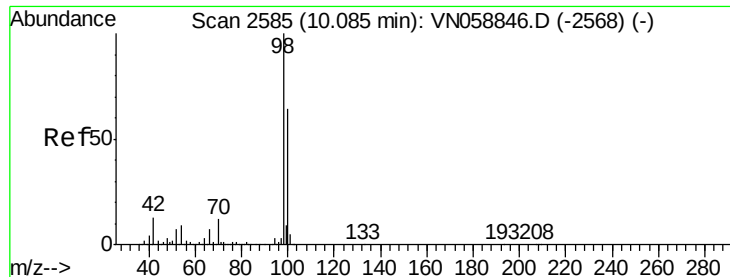
Tot Ion: 41 Resp: 6407
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 0.0 47.8 71.8#



#49
1,4-Dioxane
Concen: 1.471 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 1566480.7 29.1 43.7#
58 7932.8 59.4 89.0#

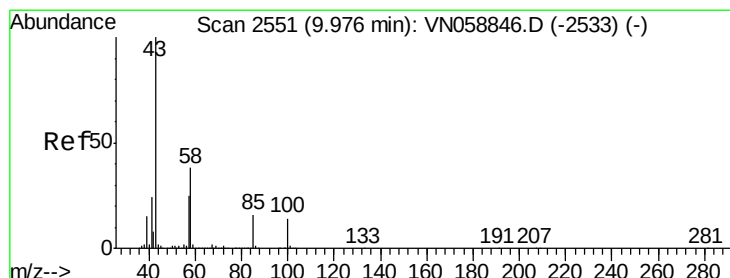
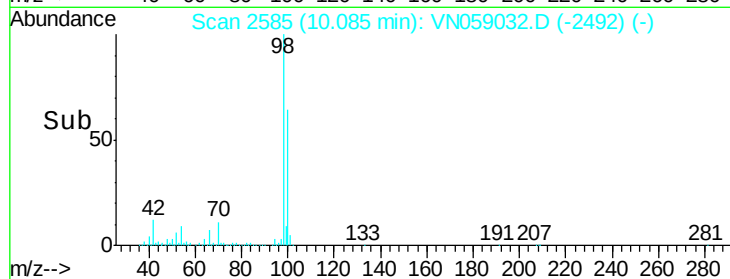
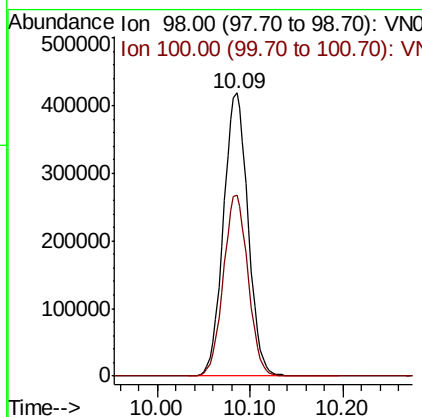
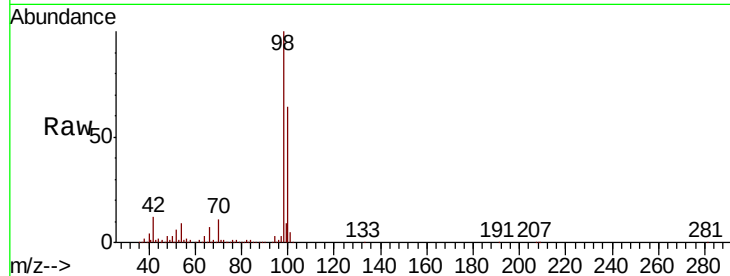




#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

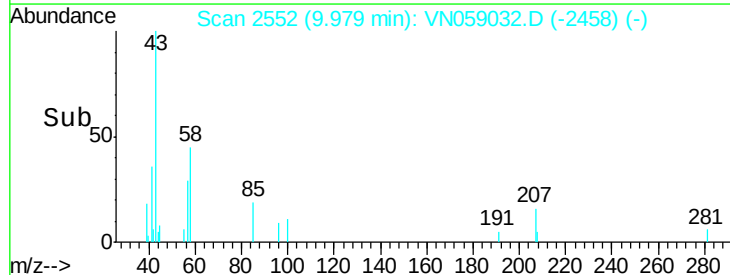
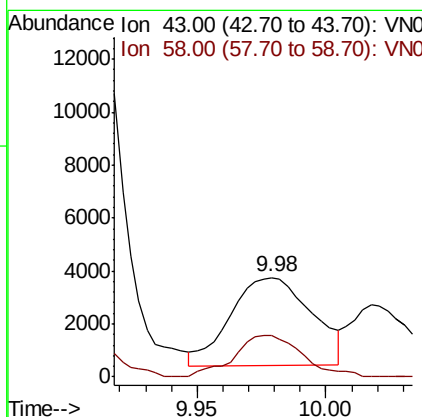
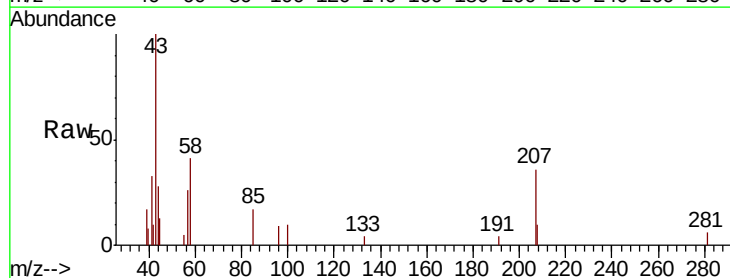
Instrument :
MSVOA_N
ClientSampleId :

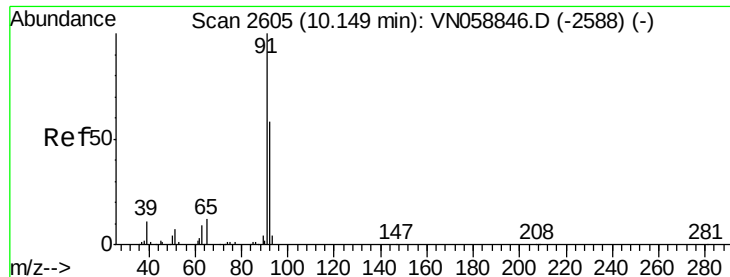
Tot Ion: 98 Resp: 768605
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 1.164 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion: 43 Resp: 7385
Ion Ratio Lower Upper
43 100
58 39.2 29.9 44.9





#52

Toluene

Concen: 0.510 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

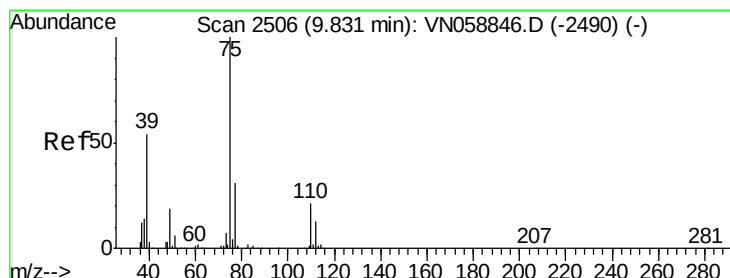
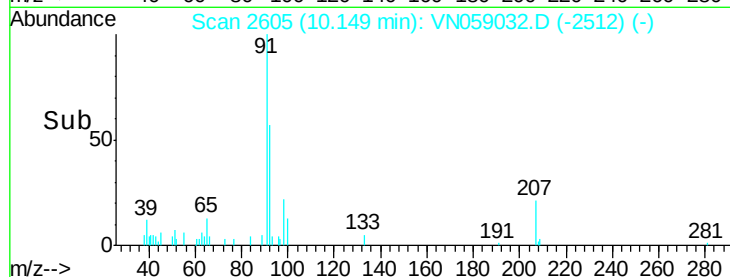
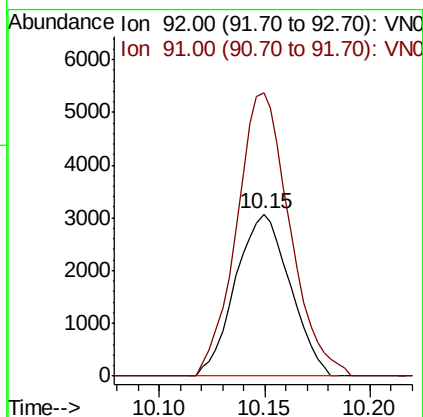
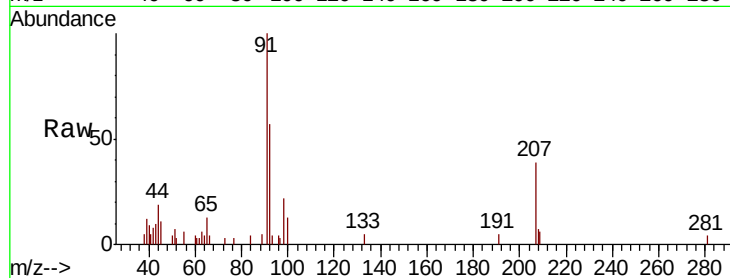
ClientSampled :

Tot Ion: 92 Resp: 5517

Ion Ratio Lower Upper

92 100

91 170.4 138.9 208.3



#54

cis-1,3-Dichloropropene

Concen: 5.487 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

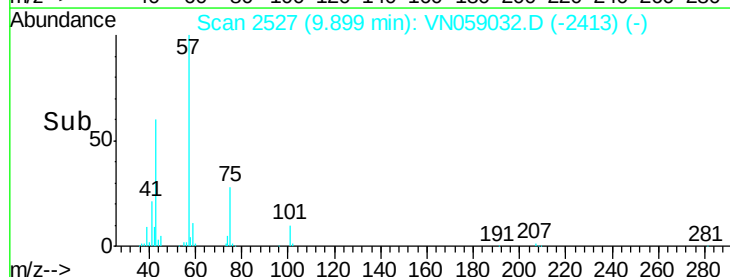
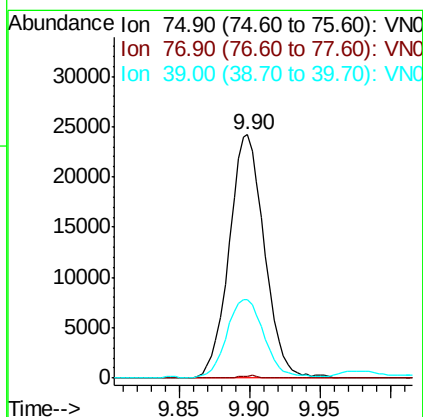
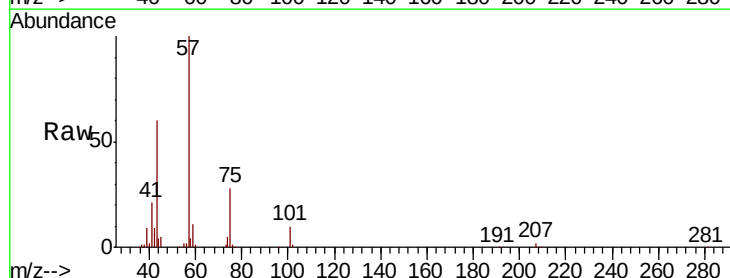
Tgt Ion: 75 Resp: 42310

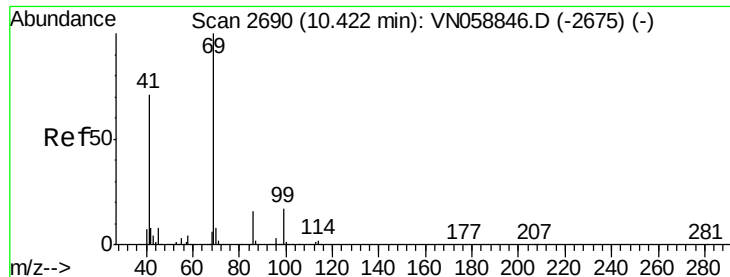
Ion Ratio Lower Upper

75 100

77 0.8 24.7 37.1#

39 32.1 43.5 65.3#





#56

Ethyl methacrylate

Concen: 2.341 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

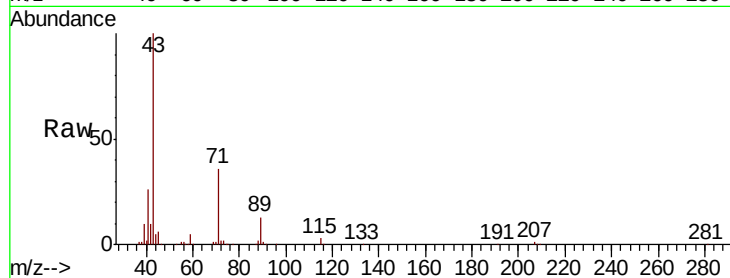
Tot Ion: 69 Resp: 1901

Ion Ratio Lower Upper

69 100

41 4549.1 57.2 85.8#

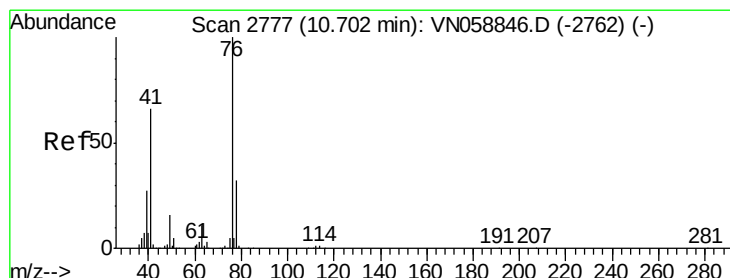
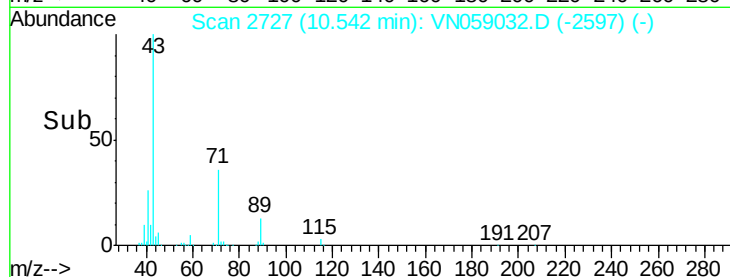
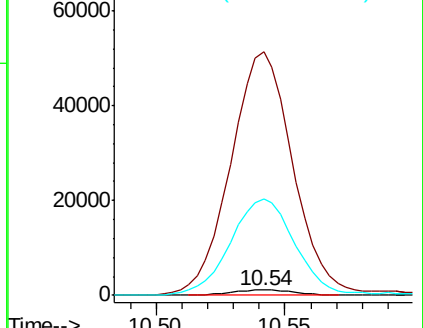
39 1866.6 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.895 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059032.D

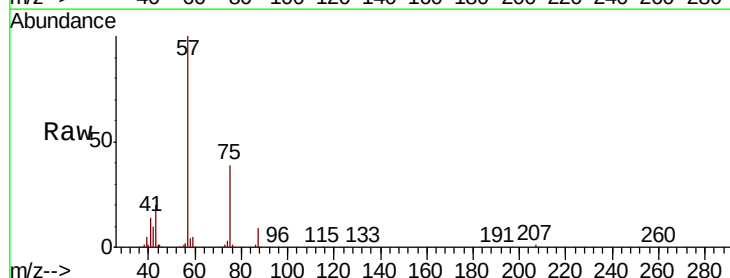
Acq: 31 Oct 2019 12:26

Tgt Ion: 76 Resp: 6999

Ion Ratio Lower Upper

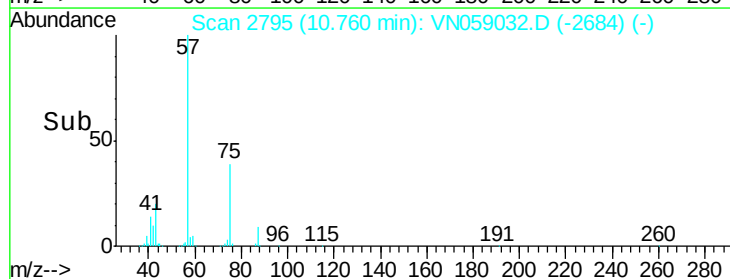
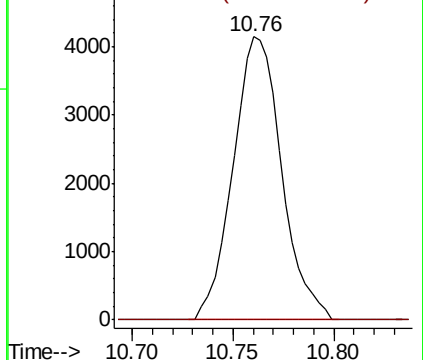
76 100

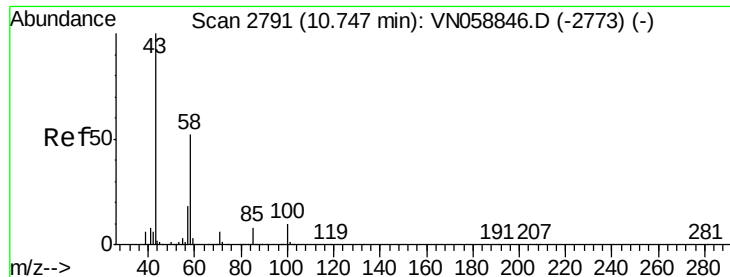
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

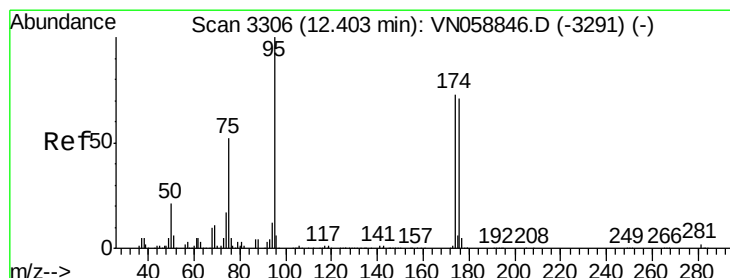
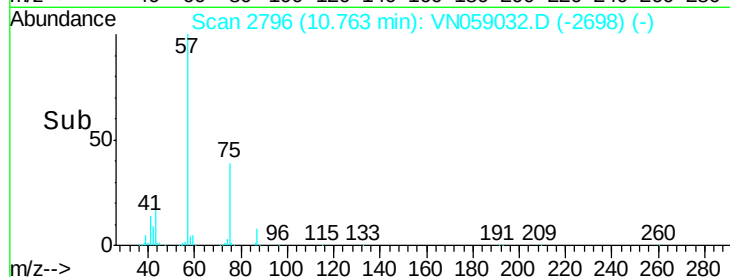
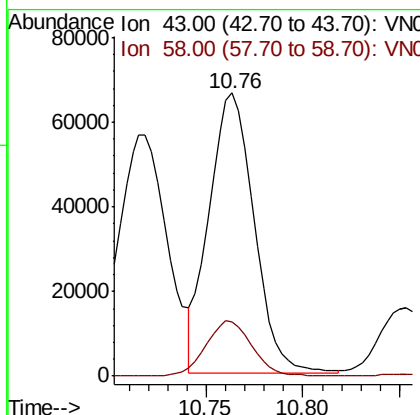
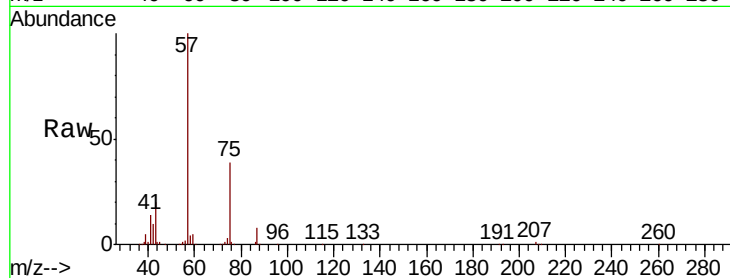




#59
2-Hexanone
Concen: 21.960 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

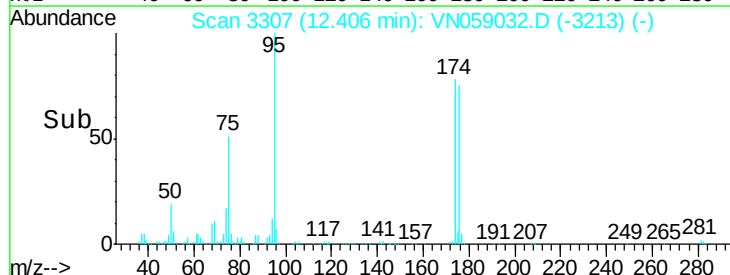
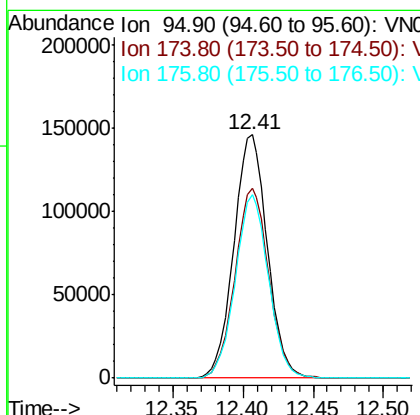
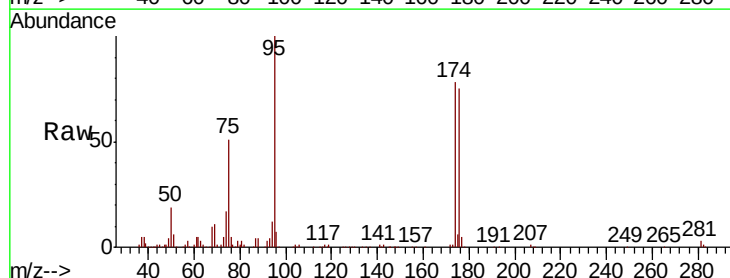
Instrument :
MSVOA_N
ClientSampleId :

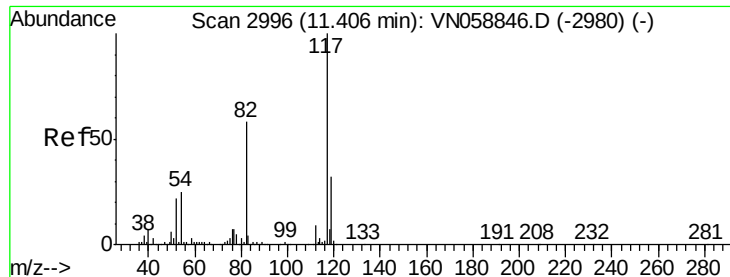
Tot Ion: 43 Resp: 107630
Ion Ratio Lower Upper
43 100
58 20.3 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 42.822 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion: 95 Resp: 243597
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.6
176 74.6 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

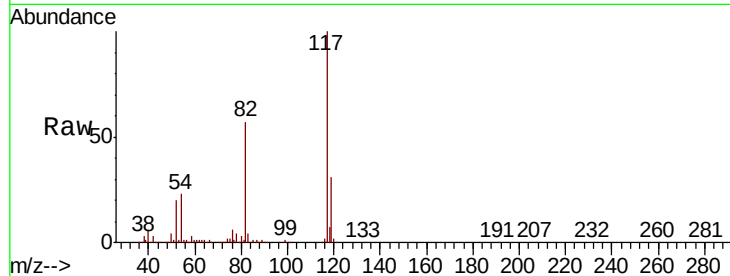
Tot Ion:117 Resp: 553773

Ion Ratio Lower Upper

117 100

82 56.9 46.6 69.8

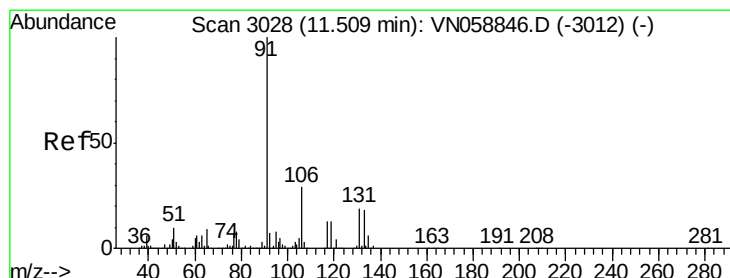
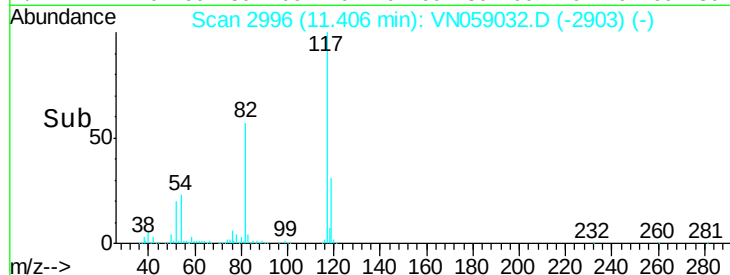
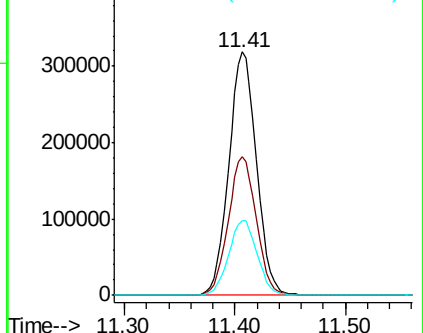
119 30.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.304 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059032.D

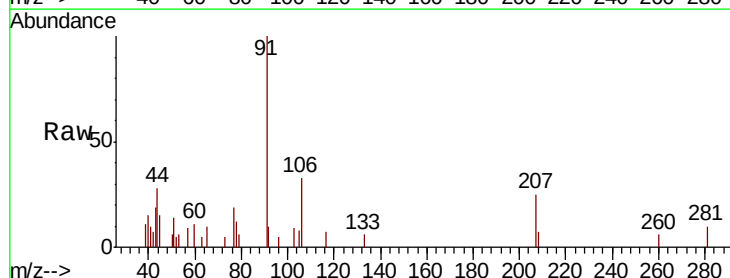
Acq: 31 Oct 2019 12:26

Tgt Ion: 91 Resp: 6018

Ion Ratio Lower Upper

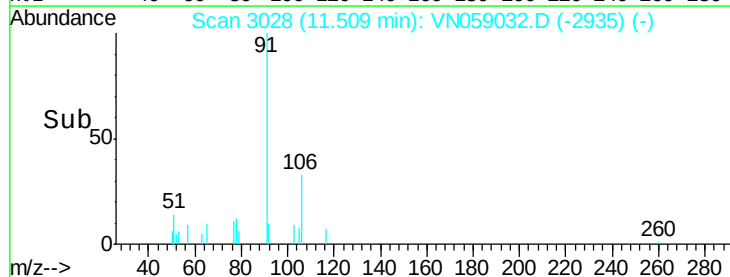
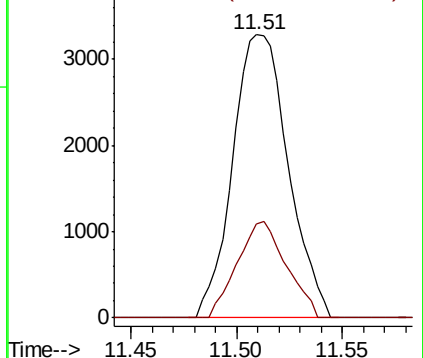
91 100

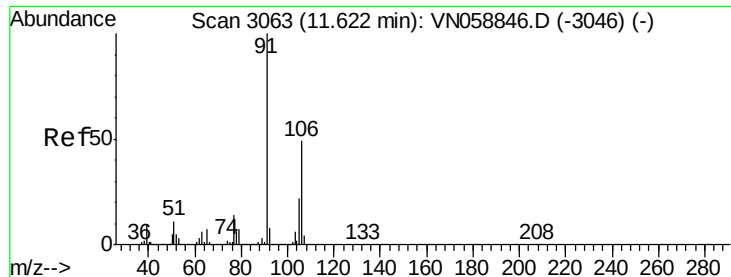
106 33.2 23.4 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

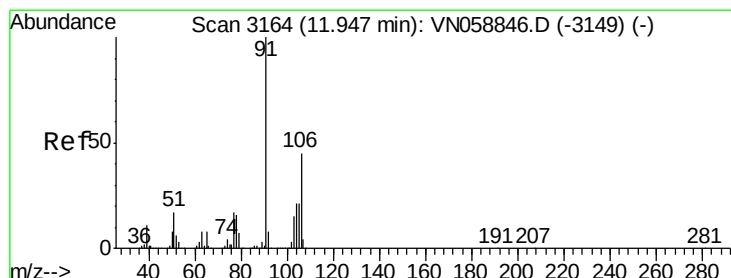
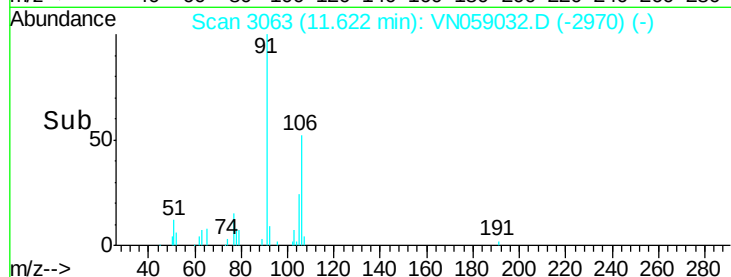
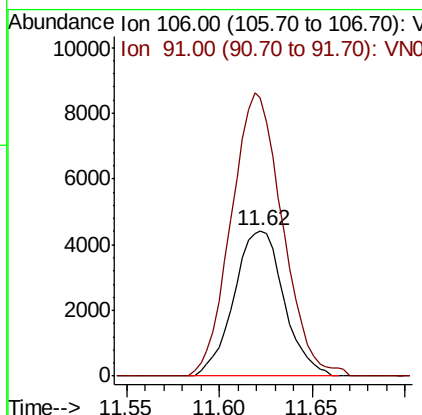
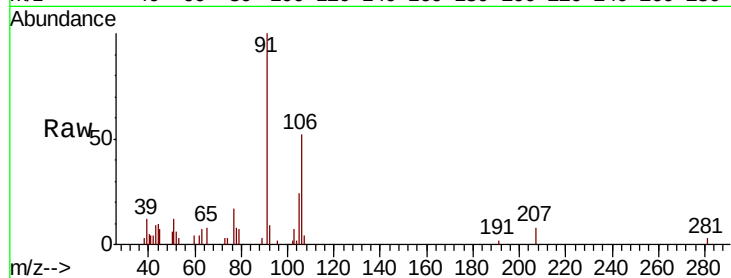




#68
m/p-Xylenes
Concen: 1.135 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

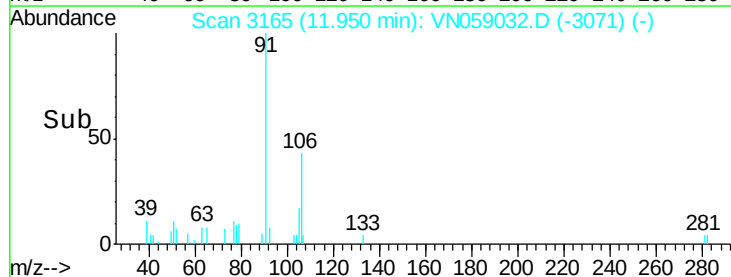
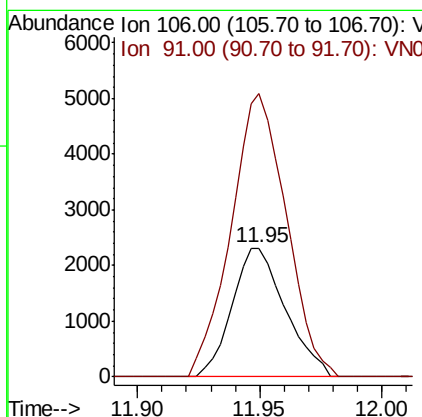
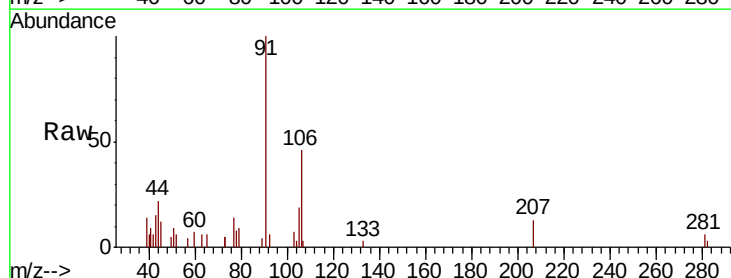
Instrument :
MSVOA_N
ClientSampled :

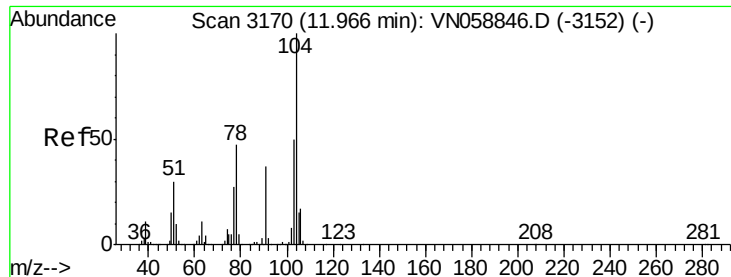
Tot Ion:106 Resp: 8321
Ion Ratio Lower Upper
106 100
91 199.1 166.6 249.8



#69
o-Xylene
Concen: 0.499 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion:106 Resp: 3492
Ion Ratio Lower Upper
106 100
91 228.4 111.5 334.4





#70

Stvrene

Concen: 1.749 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.01 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampled :

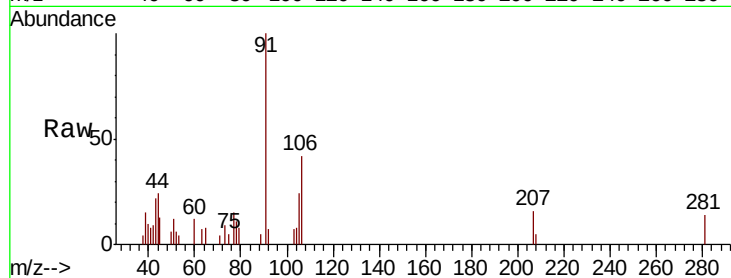
Tot Ion:104 Resp: 473

Ion Ratio Lower Upper

104 100

78 165.3 42.8 64.2#

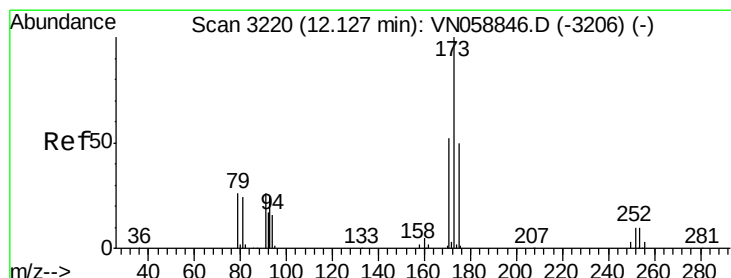
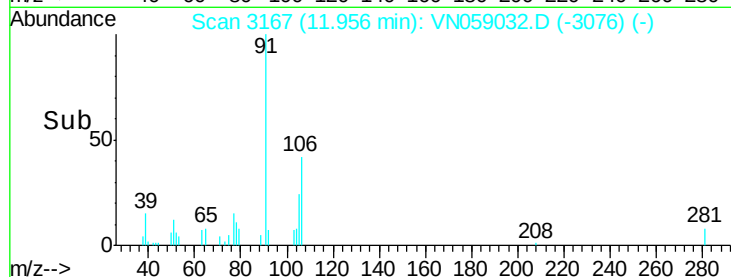
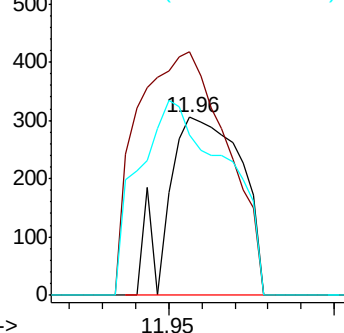
103 129.6 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.396 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

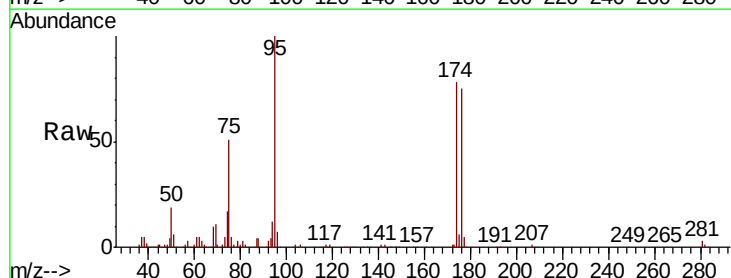
Tgt Ion:173 Resp: 1305

Ion Ratio Lower Upper

173 100

175 822.3 24.7 74.1#

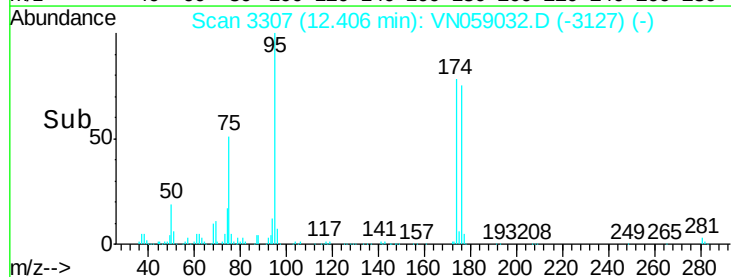
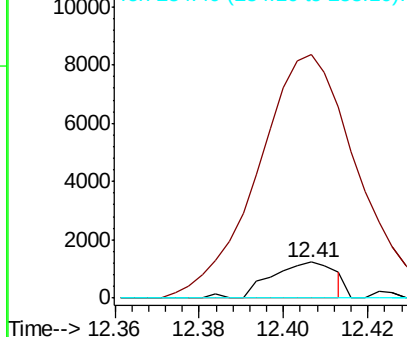
254 0.0 0.0 0.0

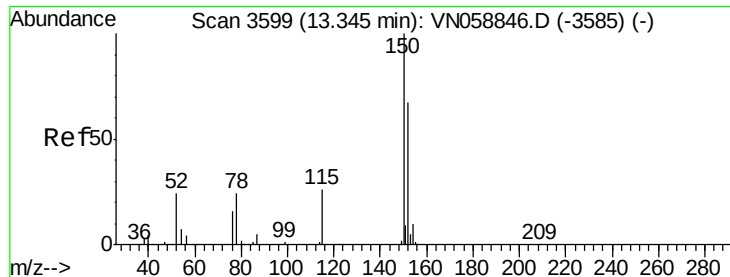


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

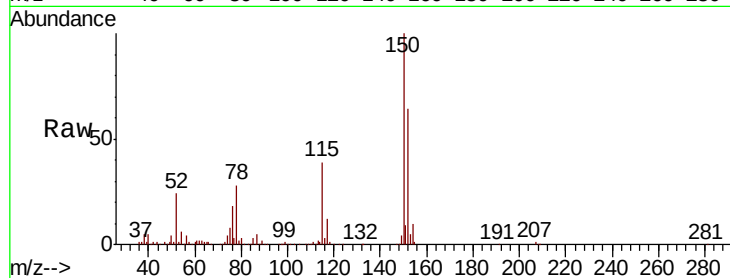
Tot Ion:152 Resp: 208149

Ion Ratio Lower Upper

152 100

115 60.2 30.5 91.5

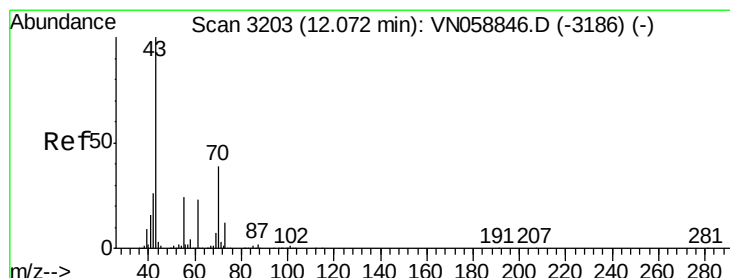
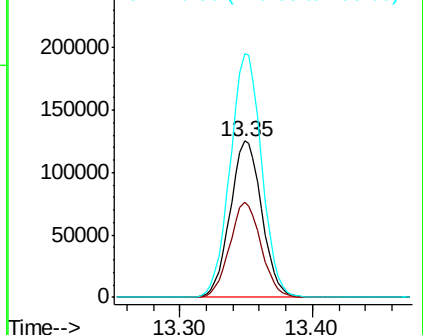
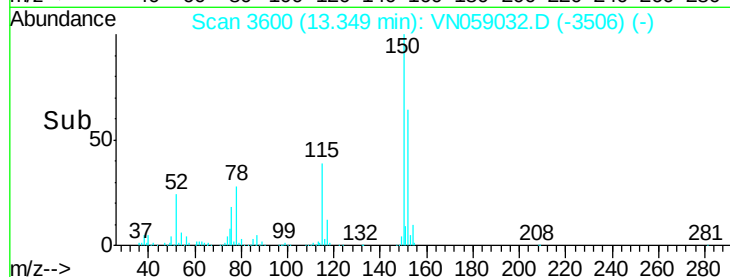
150 155.3 0.0 344.4



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



#74

N-ethyl acetate

Concen: 0.710 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Tgt Ion: 43 Resp: 4899

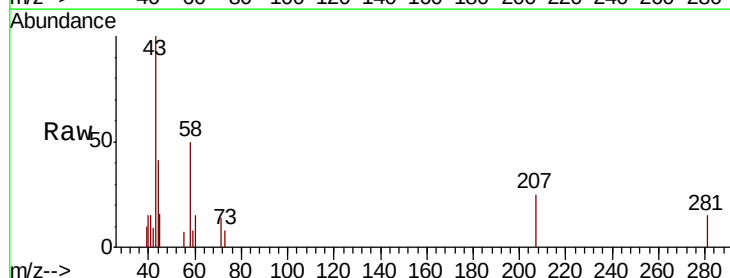
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 6.7 19.7 29.5#

61 0.0 18.2 27.4#

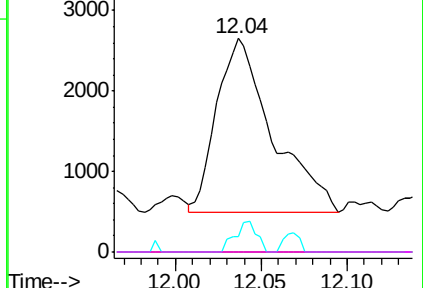
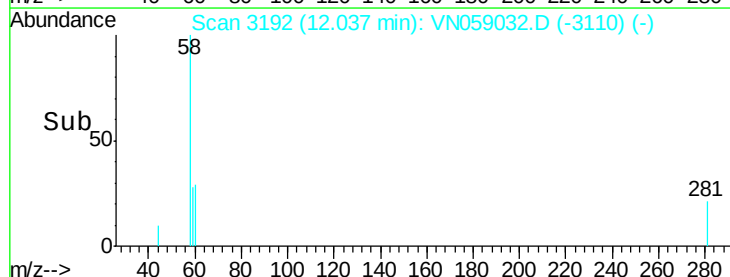


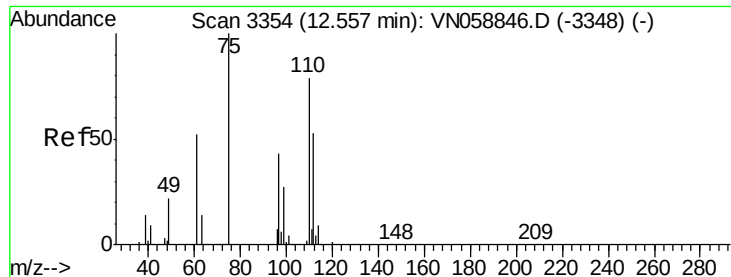
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



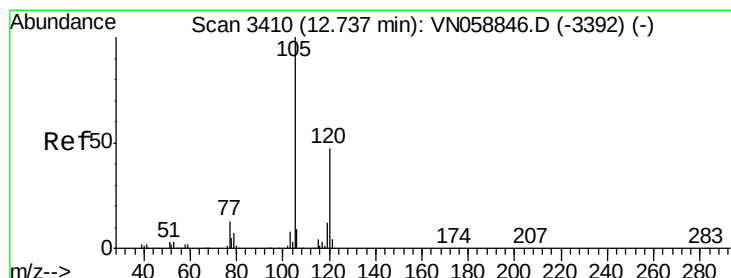
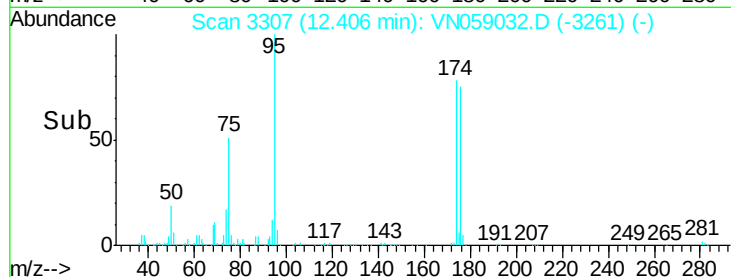
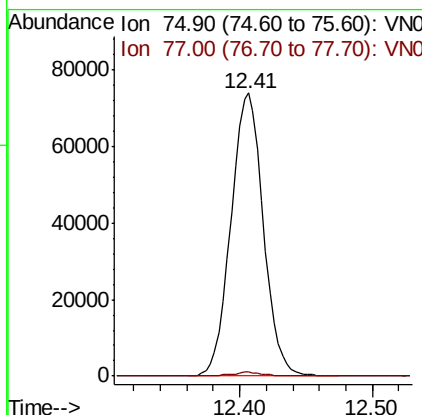
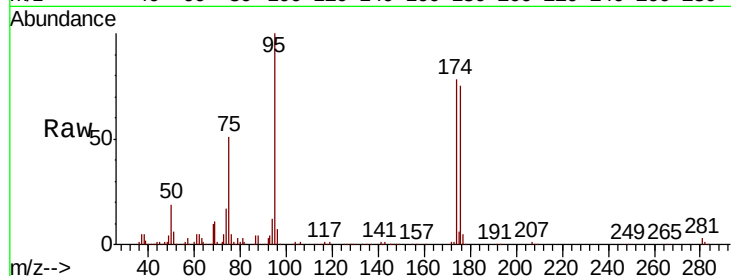


#76

1,2,3-Trichloropropane
Concen: 25.922 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Instrument :
MSVOA_N
ClientSampled :

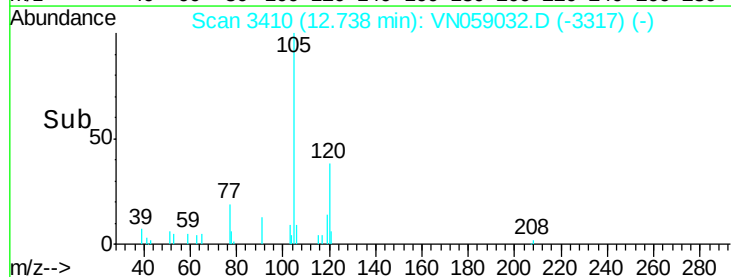
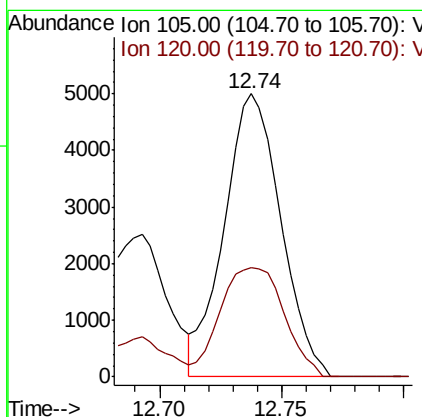
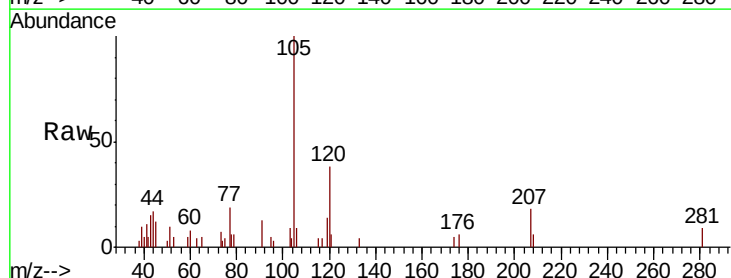
Tot Ion: 75 Resp: 125052
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

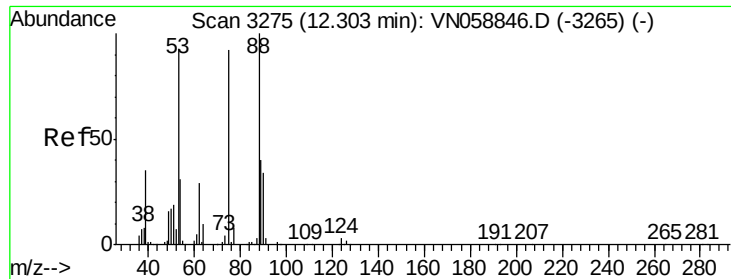


#80

1,3,5-Trimethylbenzene
Concen: 0.631 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN059032.D
Acq: 31 Oct 2019 12:26

Tgt Ion: 105 Resp: 8068
Ion Ratio Lower Upper
105 100
120 43.6 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 67.530 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

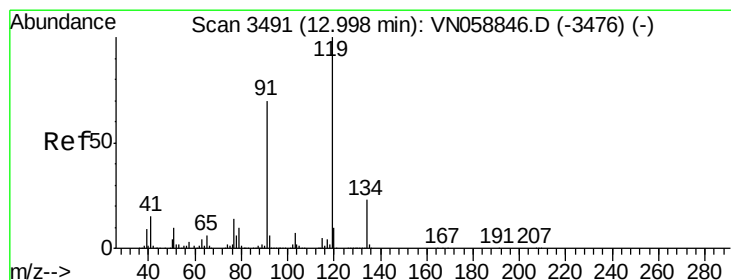
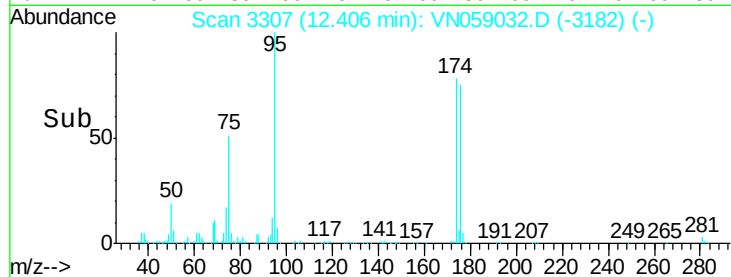
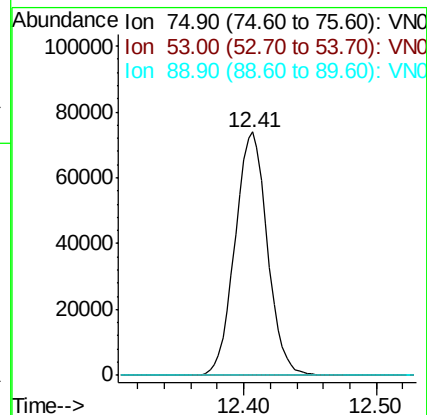
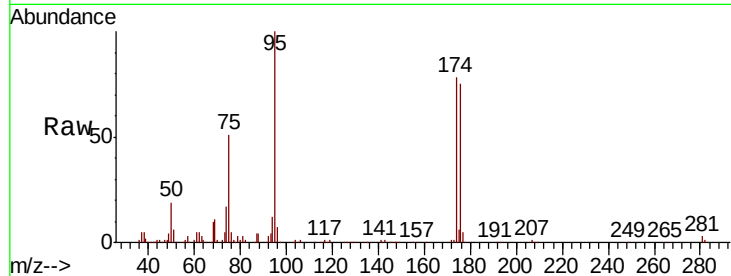
Tot Ion: 75 Resp: 125052

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.0 35.4 53.0#



#83

tert-Butylbenzene

Concen: 0.210 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.05 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

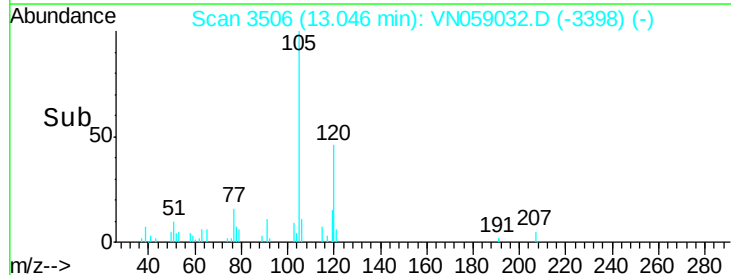
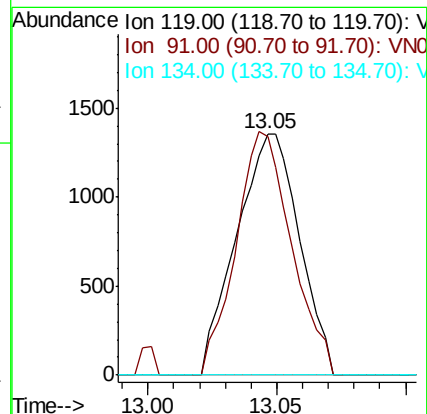
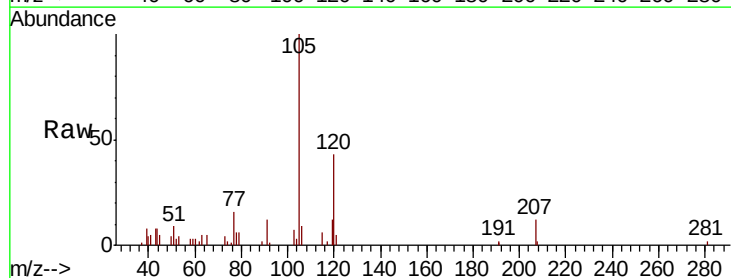
Tgt Ion: 119 Resp: 2300

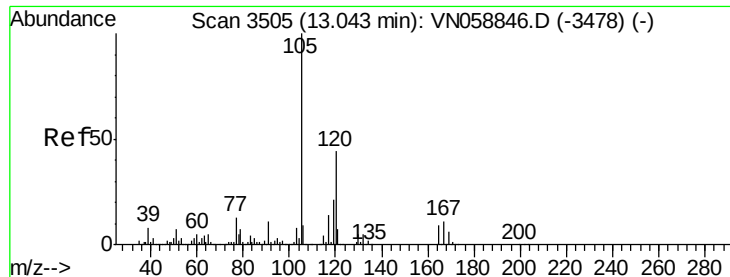
Ion Ratio Lower Upper

119 100

91 89.4 34.1 102.3

134 0.0 11.6 34.8#

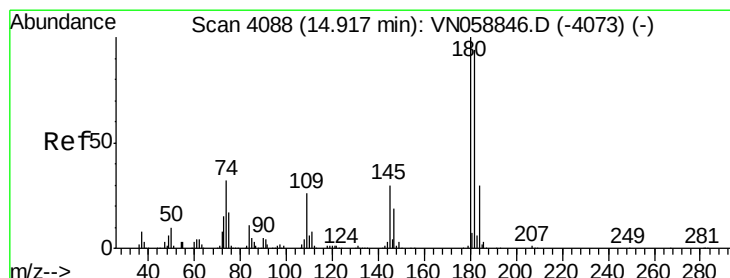
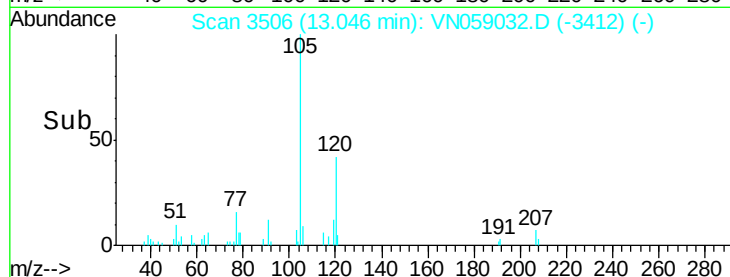
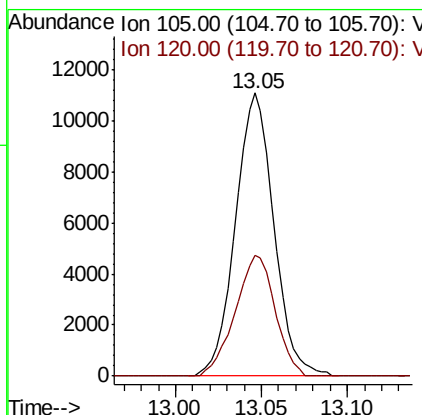
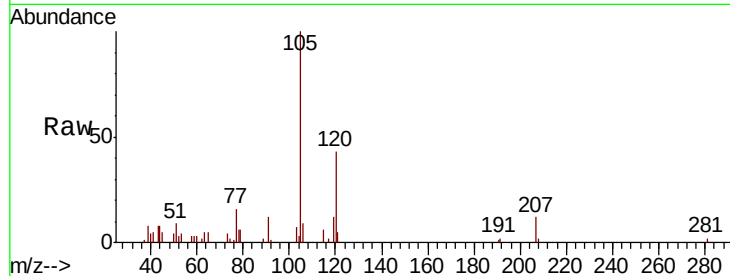




#84
 1,2,4-Trimethylbenzene
 Concen: 1.367 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

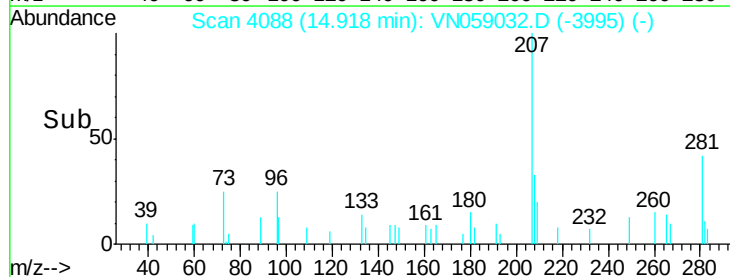
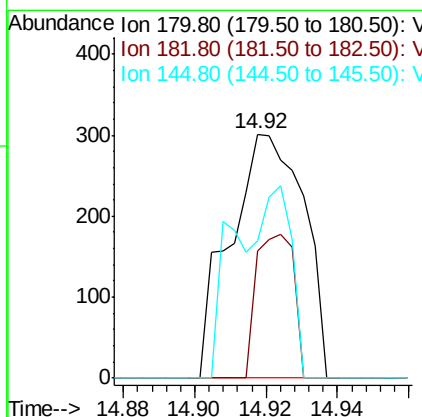
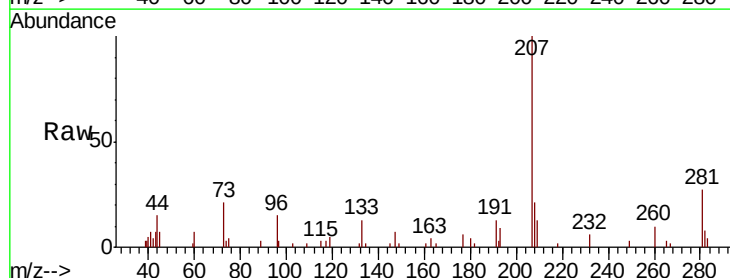
Instrument :
 MSVOA_N
 ClientSampled :

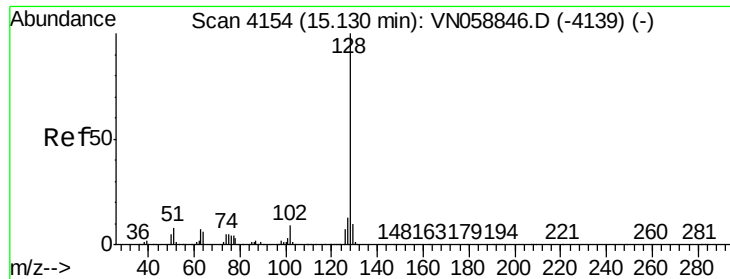
Tot Ion:105 Resp: 17230
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.8



#93
 1,2,4-Trichlorobenzene
 Concen: 2.619 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059032.D
 Acq: 31 Oct 2019 12:26

Tgt Ion:180 Resp: 429
 Ion Ratio Lower Upper
 180 100
 182 30.1 47.3 142.0#
 145 36.1 15.3 45.8





#95

Naphthalene

Concen: 7.061 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

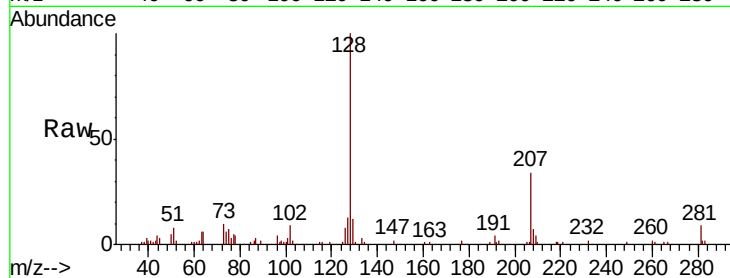
Tot Ion:128 Resp: 60337

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

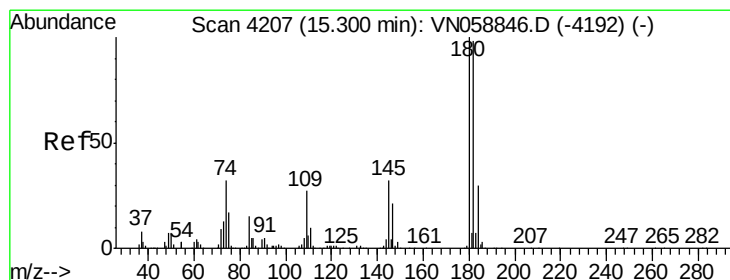
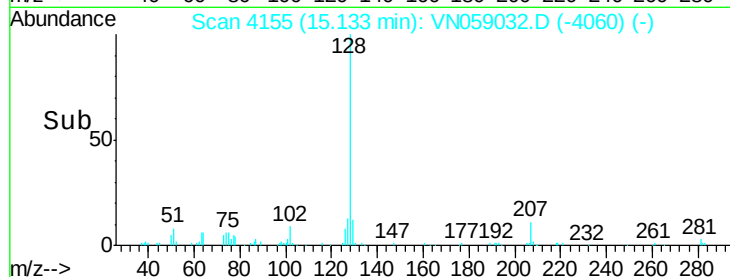
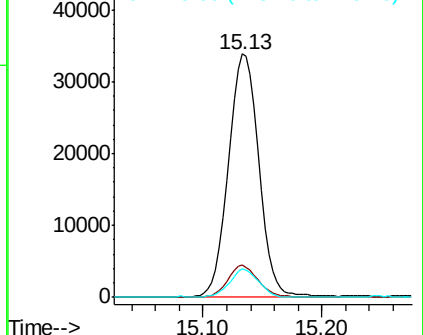
129 10.9 8.4 12.6



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: 2.515 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN059032.D

Acq: 31 Oct 2019 12:26

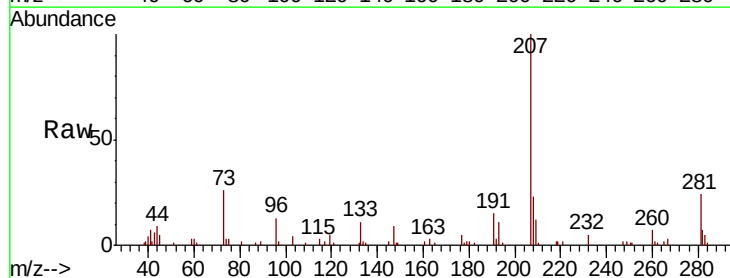
Tgt Ion:180 Resp: 513

Ion Ratio Lower Upper

180 100

182 22.8 47.9 143.7#

145 75.0 15.9 47.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

