

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059409.D
 Acq On : 26 Nov 2019 16:14
 Operator : JC/SP
 Sample : K5676-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-112219

Quant Time: Nov 27 00:42:41 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	336393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	519105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	465767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	195213	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	7.57	113	158718	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	10.08	98	643753	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	211878	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	946	1.171	ug/l #	73
16) Acetone	3.80	43	10793	5.964	ug/l	98
17) Carbon Disulfide	4.02	76	1731	0.292	ug/l #	75
18) Methyl Acetate	4.31	43	4897	0.815	ug/l #	79
20) Methylene Chloride	4.53	84	85239	20.884	ug/l	96
25) 2-Butanone	6.82	43	4592	1.632	ug/l	93
29) Tetrahydrofuran	7.20	42	919	0.472	ug/l #	36
31) Cyclohexane	7.64	56	6003	0.845	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	23974	4.474	ug/l #	50
38) Carbon Tetrachloride	7.64	117	32095	6.256	ug/l #	15
41) Methacrylonitrile	7.20	41	581	0.227	ug/l #	100
43) Isopropyl Acetate	8.15	43	83424	9.478	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1954	0.466	ug/l #	45
48) Methyl methacrylate	9.17	41	5646	1.411	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	5874	1.140	ug/l	91
52) Toluene	10.15	92	3431	0.363	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	35770	5.504	ug/l #	64
56) Ethyl methacrylate	10.54	69	914	2.333	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6246	0.975	ug/l #	42
59) 2-Hexanone	10.76	43	85108	22.560	ug/l #	52
67) Ethyl Benzene	11.51	91	4065	0.227	ug/l	96
68) m/p-Xylenes	11.62	106	2326	0.350	ug/l	90
69) o-Xylene	11.95	106	1586	0.249	ug/l	90
71) Bromoform	12.40	173	705	0.256	ug/l #	1
74) N-amyl acetate	12.03	43	4201	0.681	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	102127	23.603	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4703	0.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	102127	59.036	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	10664	0.844	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	363	0.336	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	1221	3.227	ug/l #	63
95) Naphthalene	15.13	128	231578	22.812	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	1281	2.216	ug/l #	83

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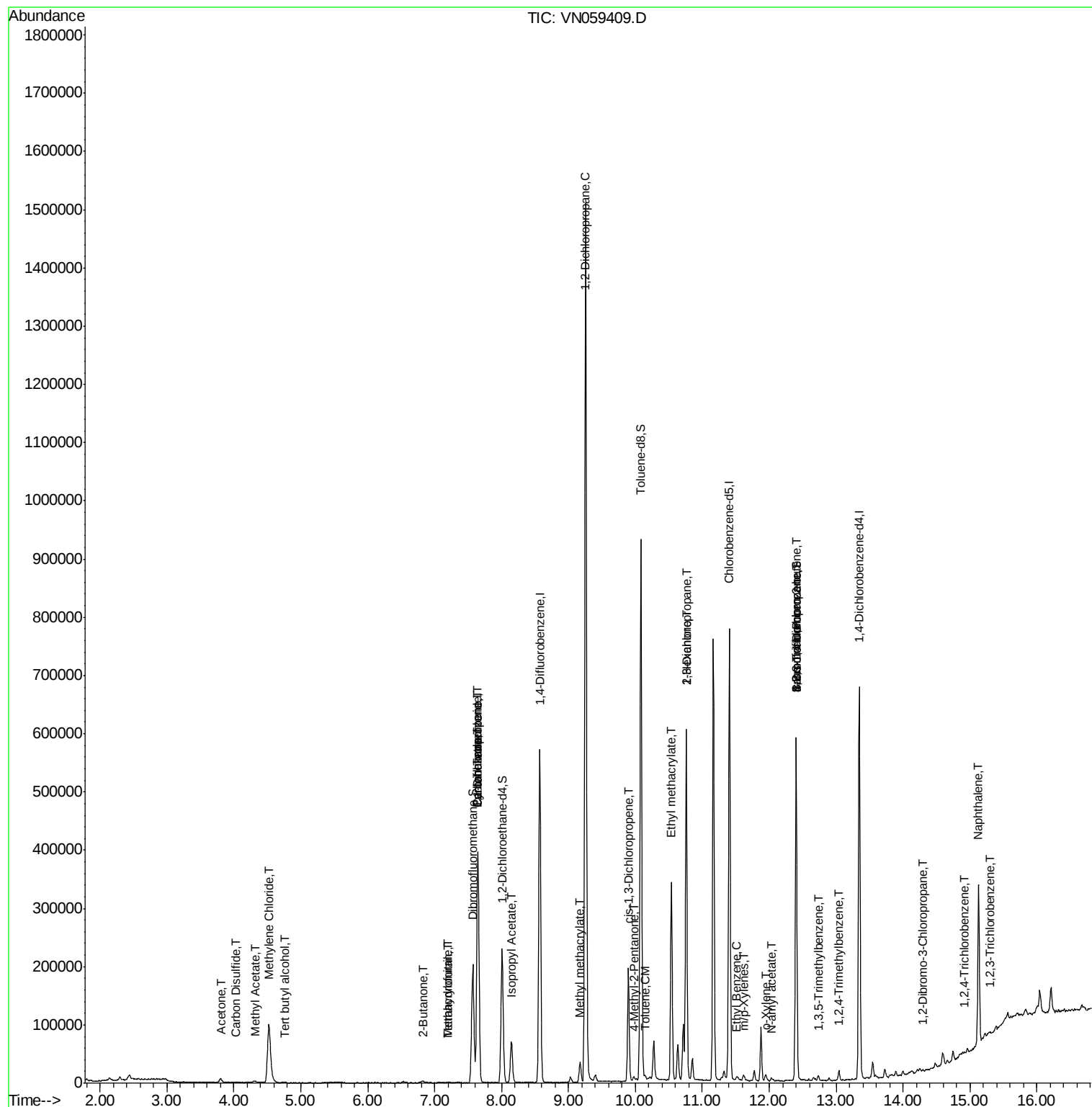
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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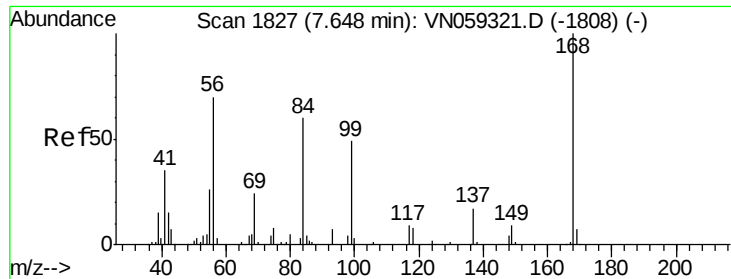
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112619\
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Acq On : 26 Nov 2019 16:14
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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: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

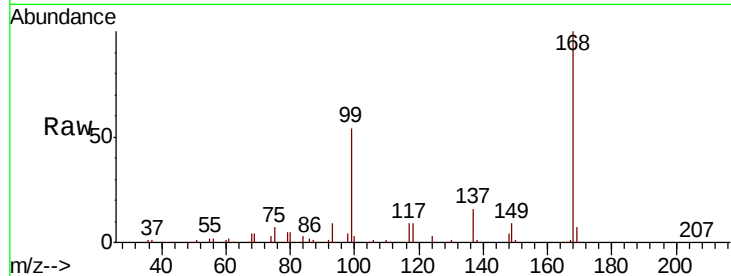
SU-04-112219

Tot Ion:168 Resp: 336393

Ion Ratio Lower Upper

168 100

99 54.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

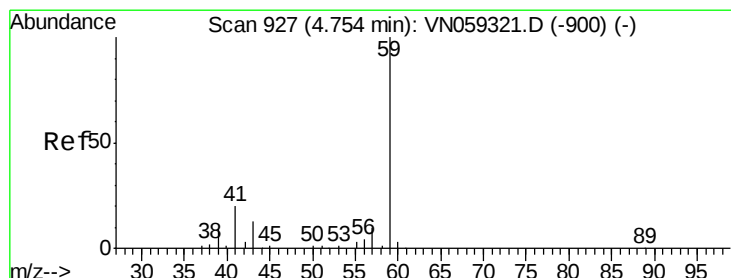
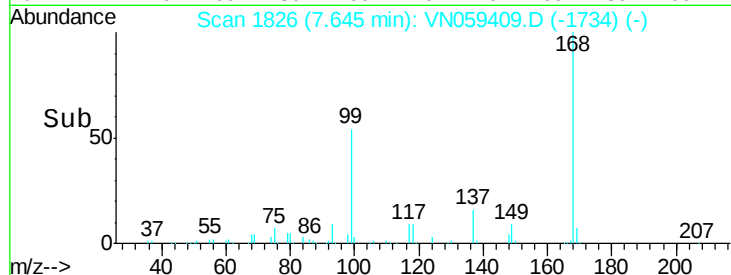
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.171 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059409.D

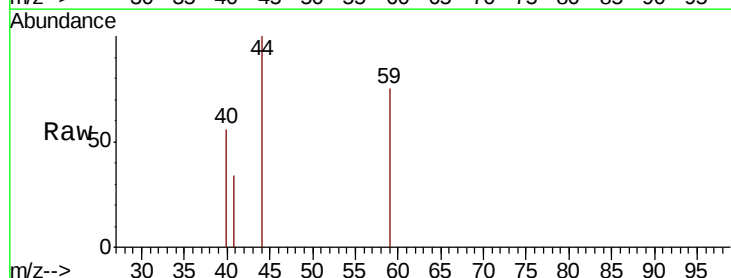
Acq: 26 Nov 2019 16:14

Tgt Ion: 59 Resp: 946

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN059321.D (-900) (-)

Ion 57.00 (56.70 to 57.70): VN059321.D (-900) (-)

4.74

400

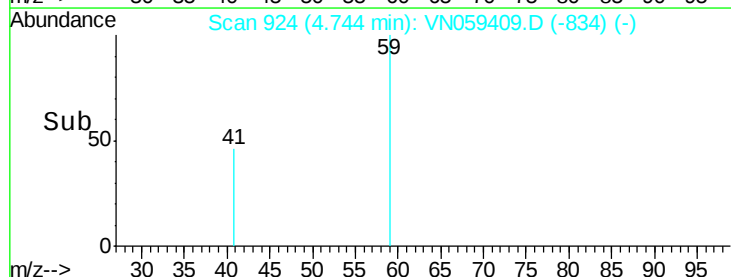
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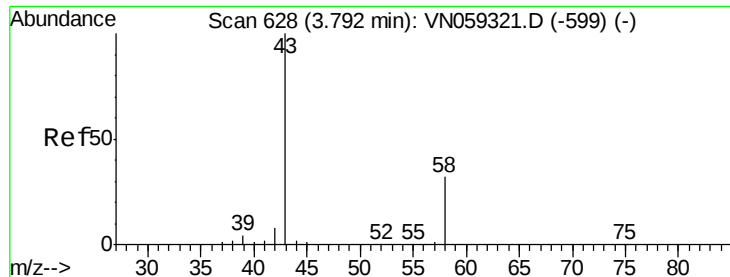
200

100

0

Time-->





#16

Acetone

Concen: 5.964 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

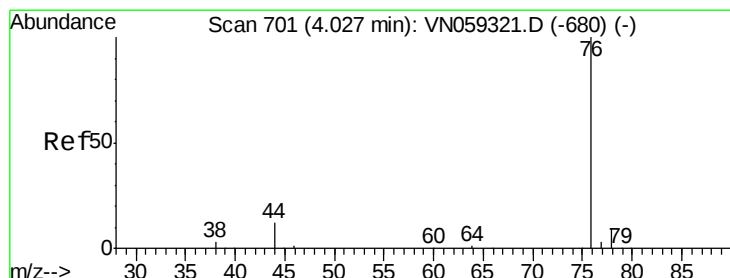
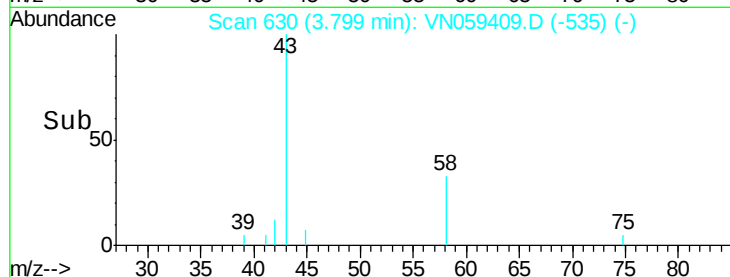
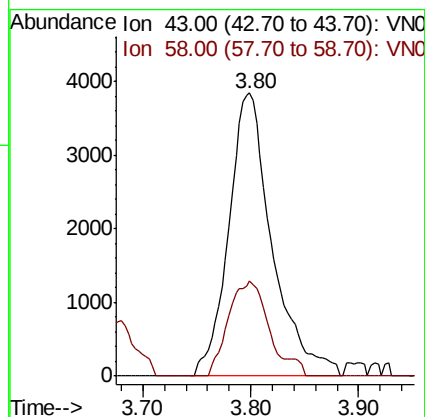
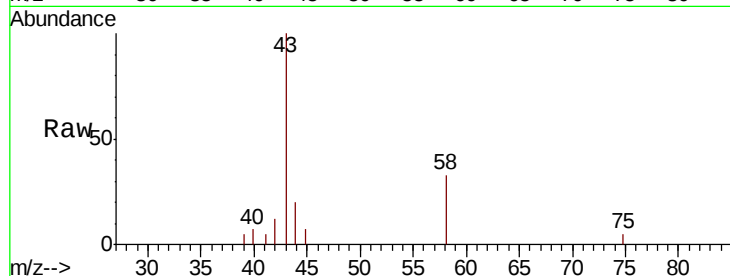
SU-04-112219

Tot Ion: 43 Resp: 10793

Ion Ratio Lower Upper

43 100

58 33.5 25.8 38.6



#17

Carbon Disulfide

Concen: 0.292 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059409.D

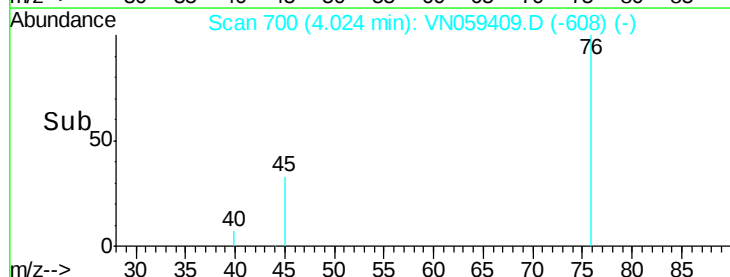
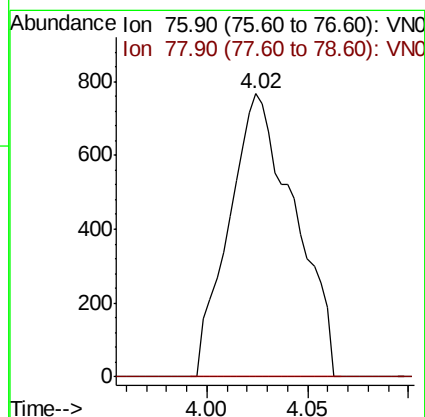
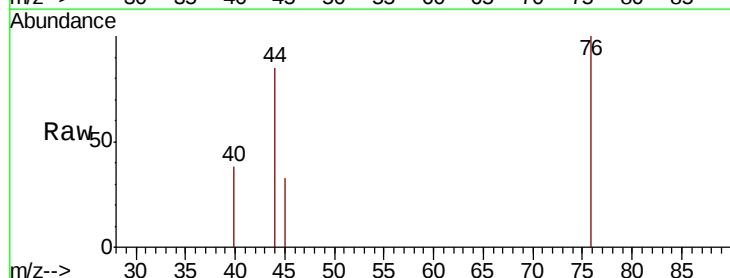
Acq: 26 Nov 2019 16:14

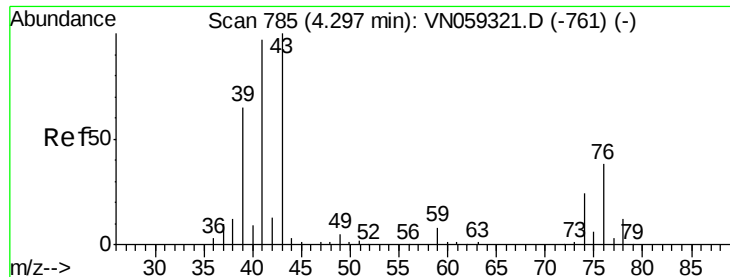
Tgt Ion: 76 Resp: 1731

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

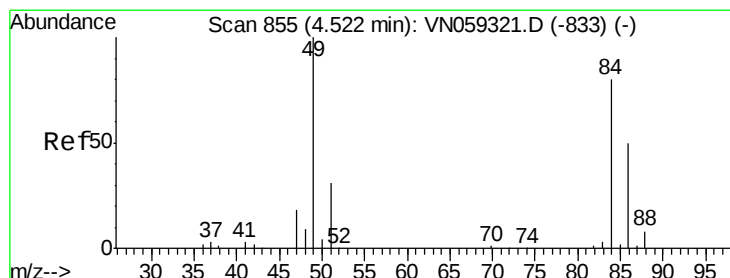
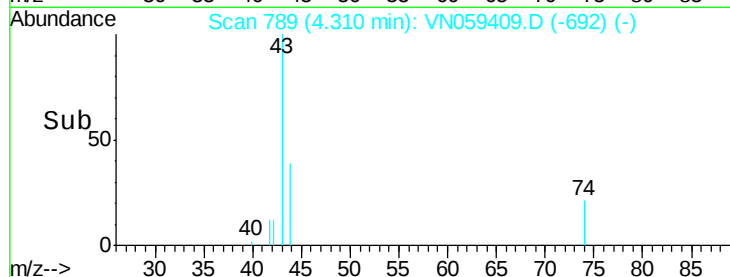
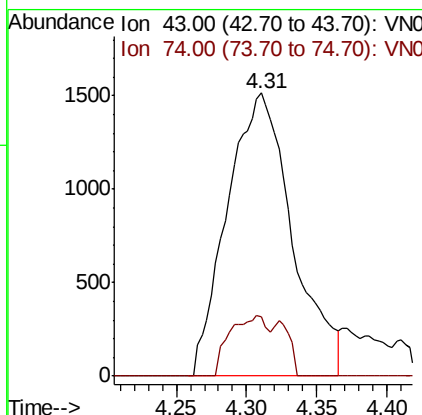
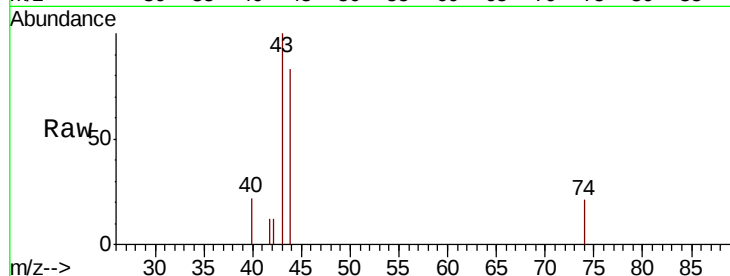




#18
Methvl Acetate
Concen: 0.815 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

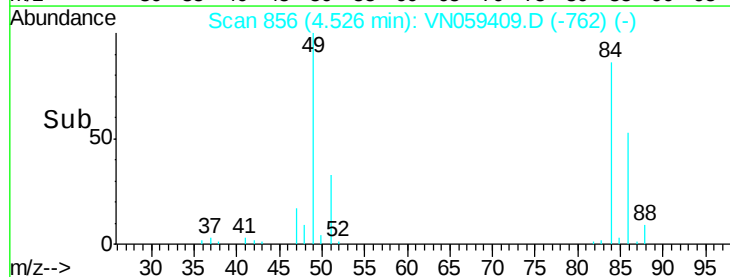
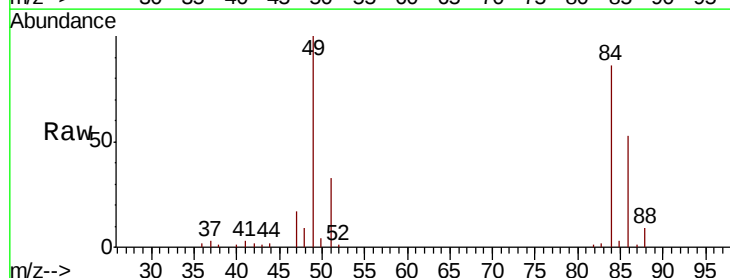
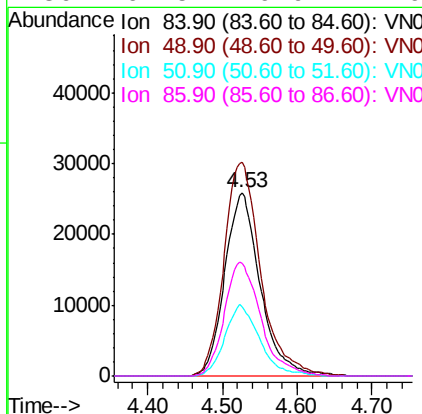
Instrument :
MSVOA_N
ClientSampleId :
SU-04-112219

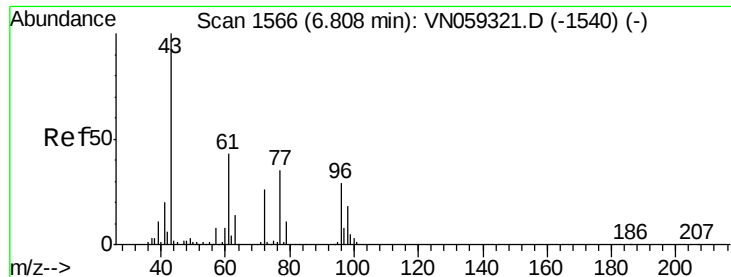
Tot Ion: 43 Resp: 4897
Ion Ratio Lower Upper
43 100
74 12.4 18.1 27.1#



#20
Methylene Chloride
Concen: 20.884 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

Tgt Ion: 84 Resp: 85239
Ion Ratio Lower Upper
84 100
49 116.6 99.5 149.3
51 38.0 31.1 46.7
86 61.5 49.9 74.9





#25

2-Butanone

Concen: 1.632 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.02 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

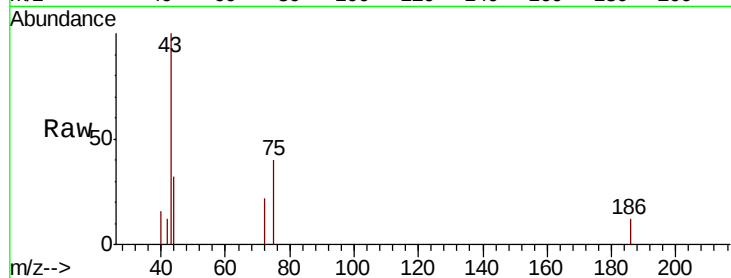
SU-04-112219

Tot Ion: 43 Resp: 4592

Ion Ratio Lower Upper

43 100

72 22.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.82

1500

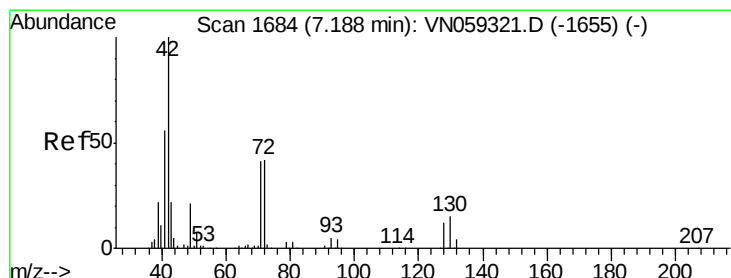
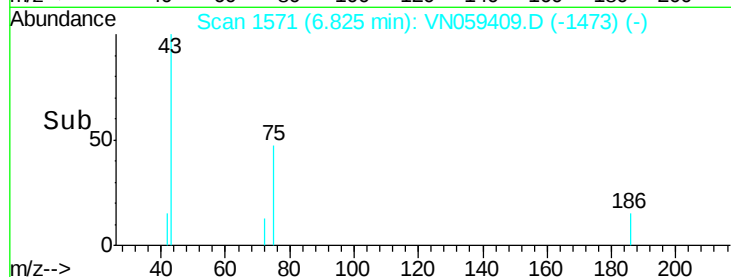
1000

500

0

6.75 6.80 6.85 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.472 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

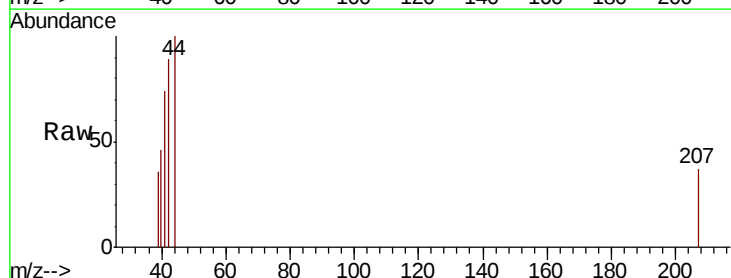
Tgt Ion: 42 Resp: 919

Ion Ratio Lower Upper

42 100

72 3.3 34.2 51.2#

71 0.0 32.6 48.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

500

400

300

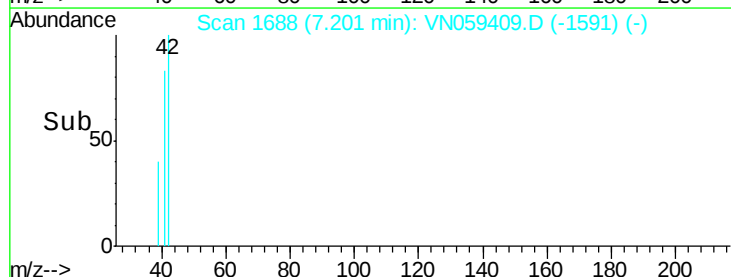
200

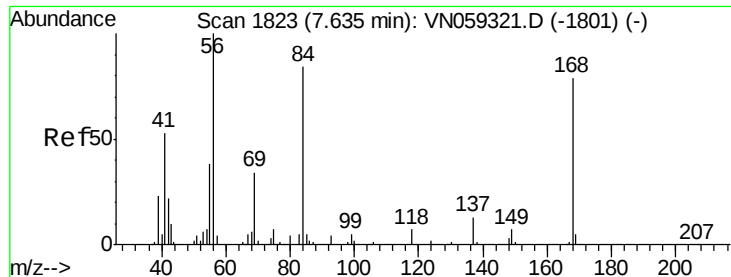
100

0

7.15 7.20 7.25

Time-->

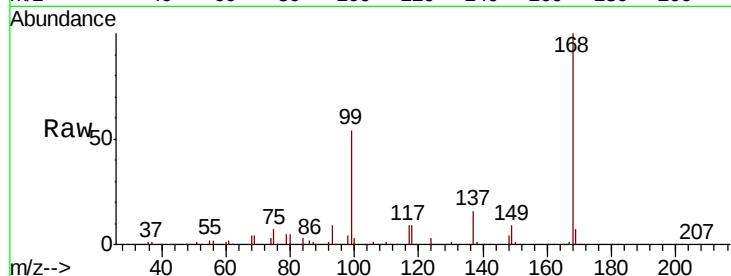




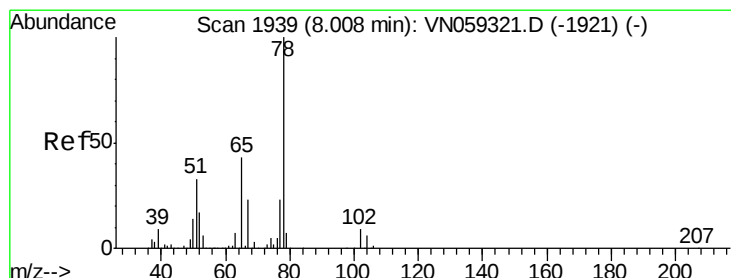
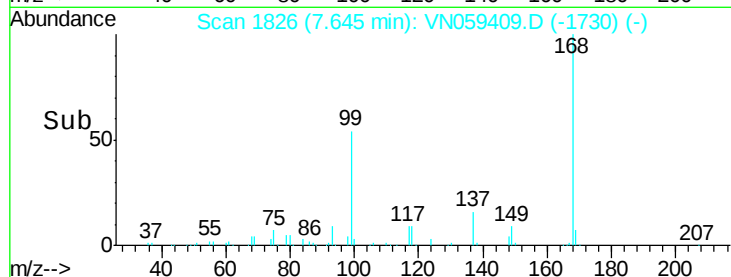
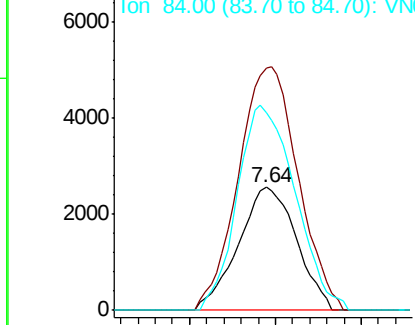
#31
Cyclohexane
Concen: 0.845 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
SU-04-112219

Tot Ion: 56 Resp: 6003
Ion Ratio Lower Upper
56 100
69 196.9 26.6 40.0#
84 160.4 67.0 100.4#

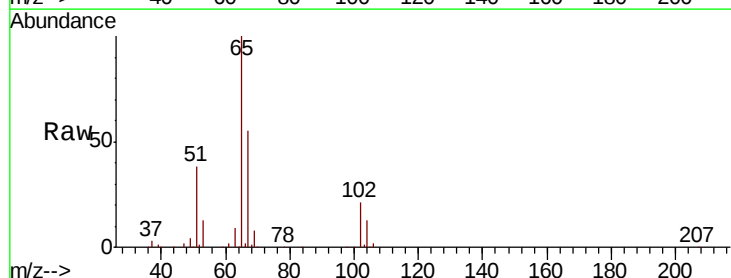


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

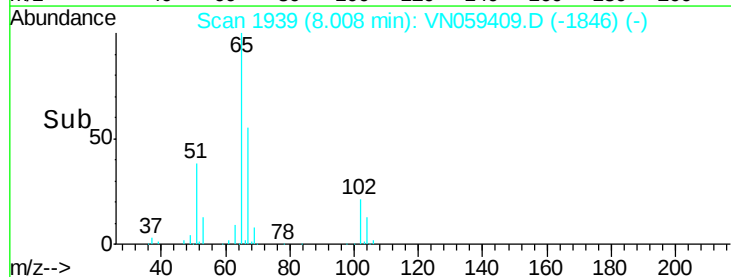
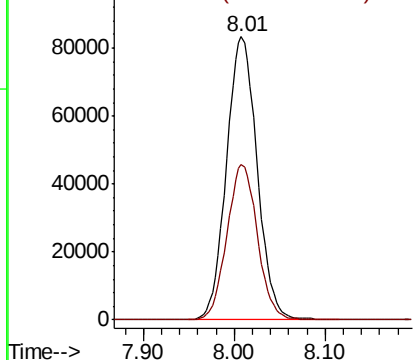


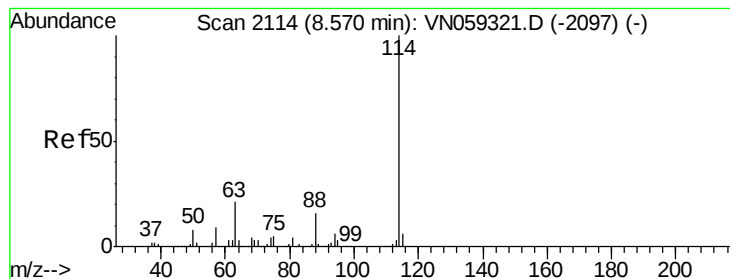
#33
1,2-Dichloroethane-d4
Concen: 48.366 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

Tgt Ion: 65 Resp: 195213
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

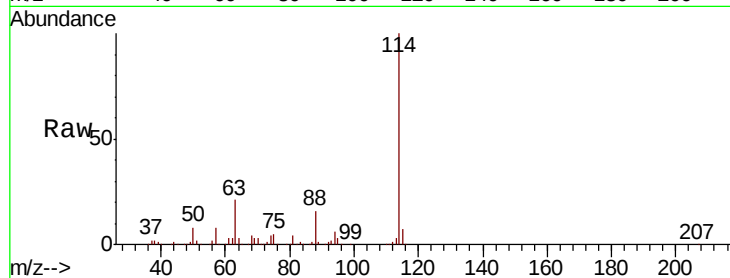
Tot Ion:114 Resp: 519105

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

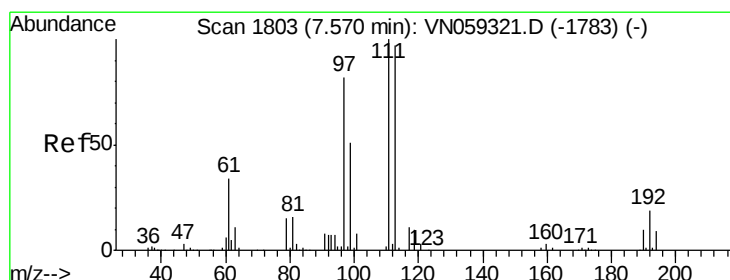
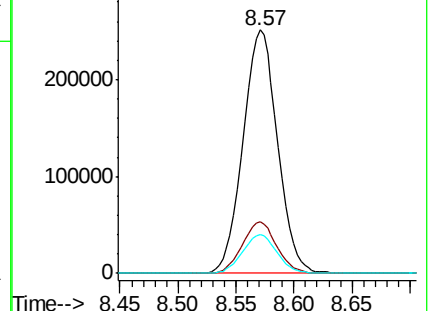
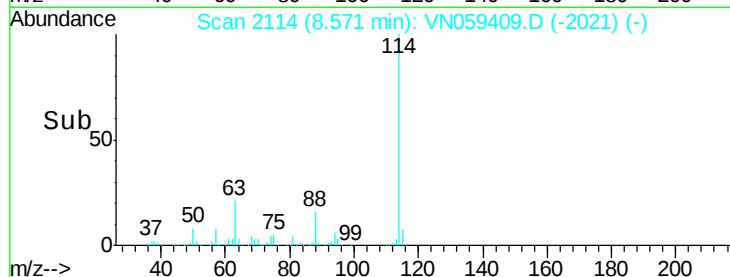
88 15.9 0.0 32.2



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: 50.964 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

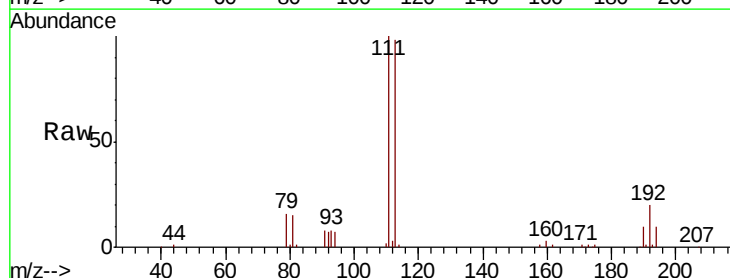
Tgt Ion:113 Resp: 158718

Ion Ratio Lower Upper

113 100

111 100.7 82.7 124.1

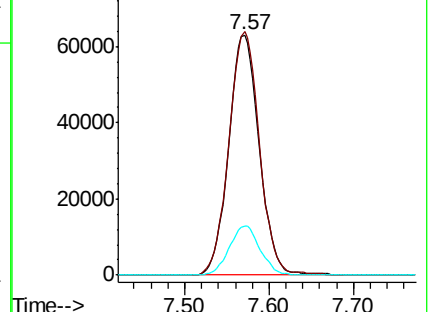
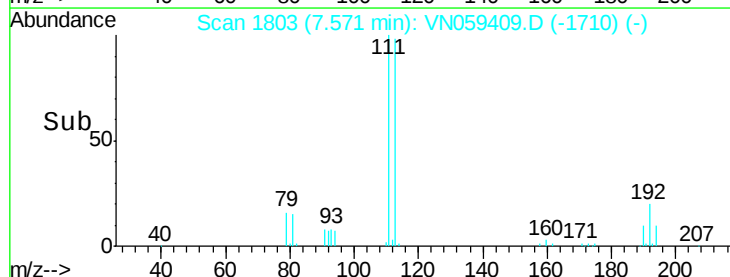
192 20.6 16.3 24.5

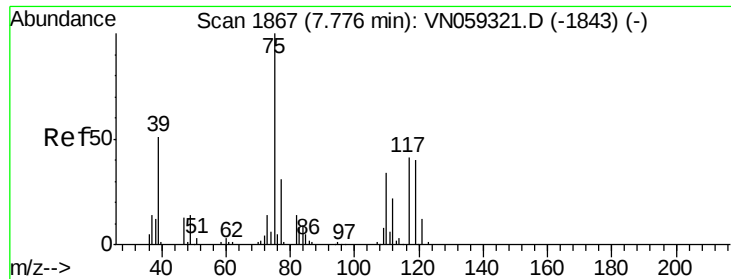


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

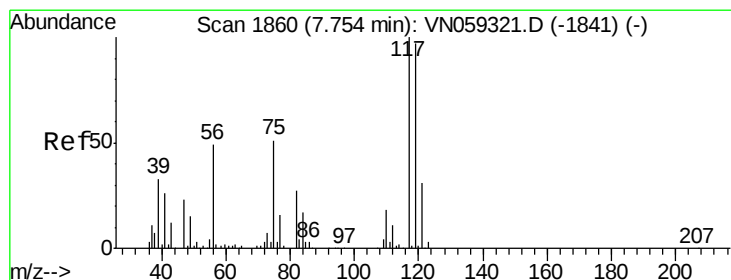
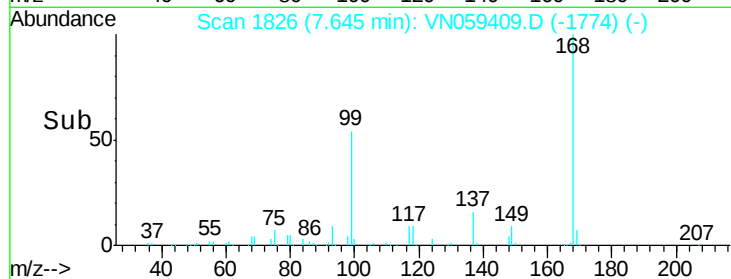
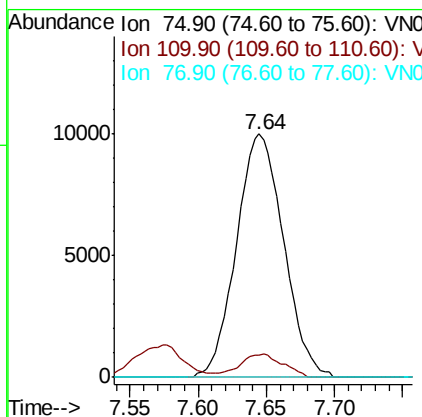
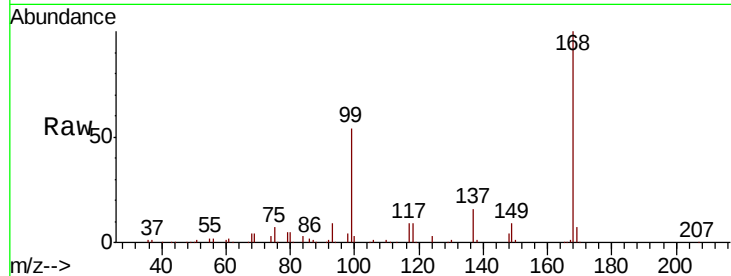




#36
 1,1-Dichloropropene
 Concen: 4.474 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

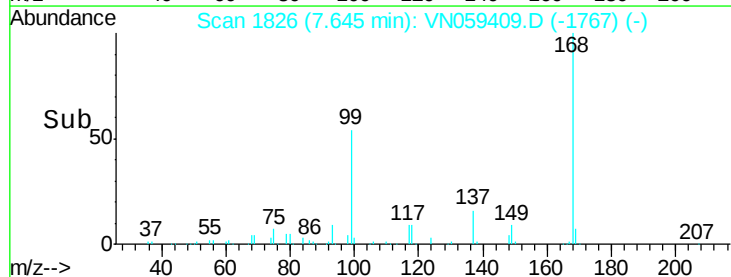
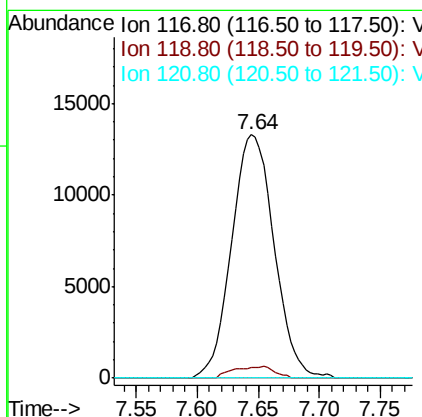
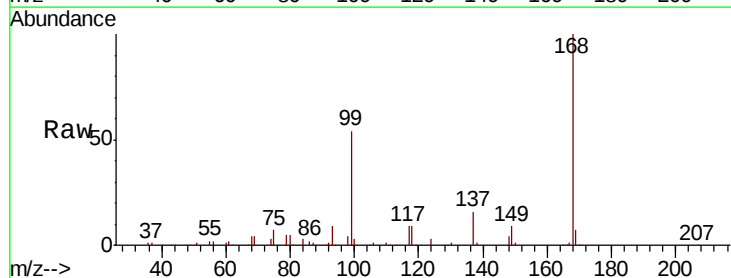
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-112219

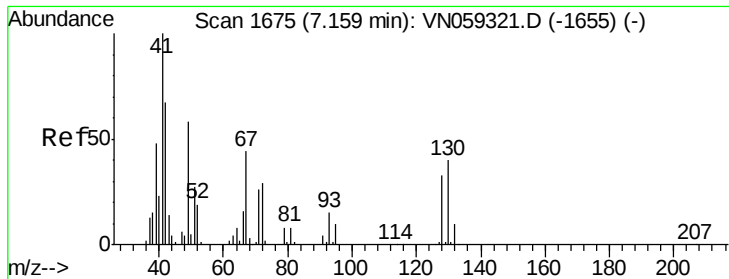
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	51.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.256 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.0	115.4#
121	0.0	24.4	36.6#

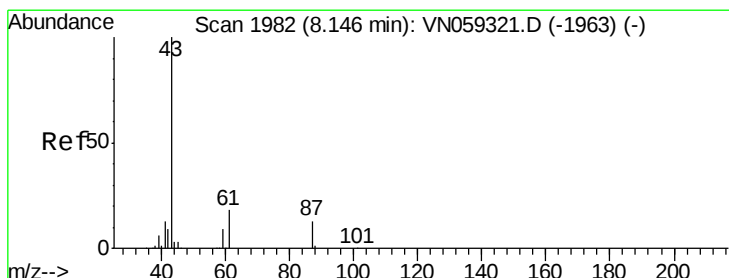
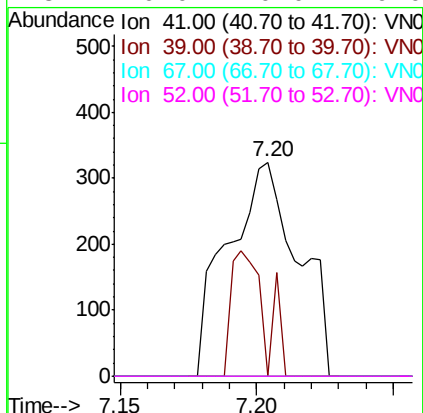
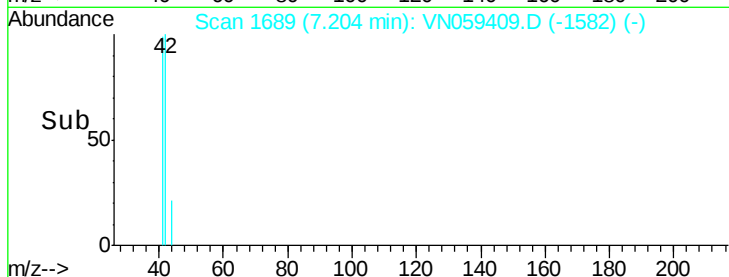
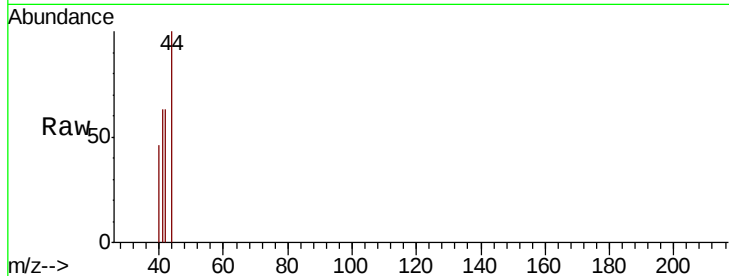




#41
Methacrylonitrile
Concen: 0.227 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.05 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

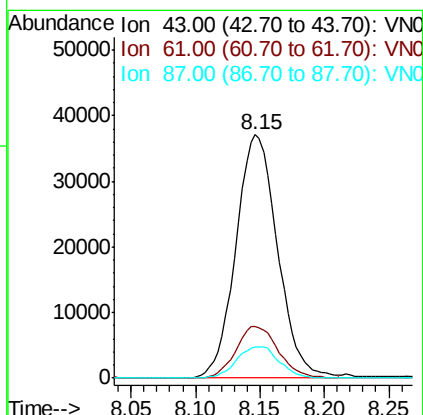
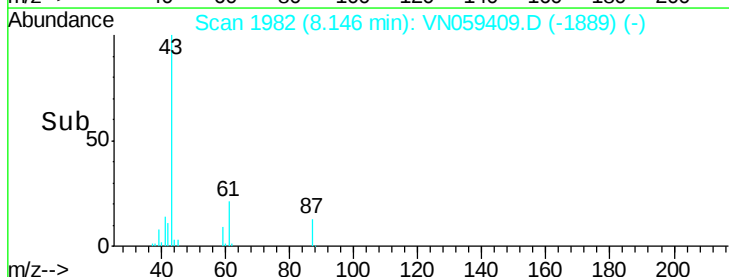
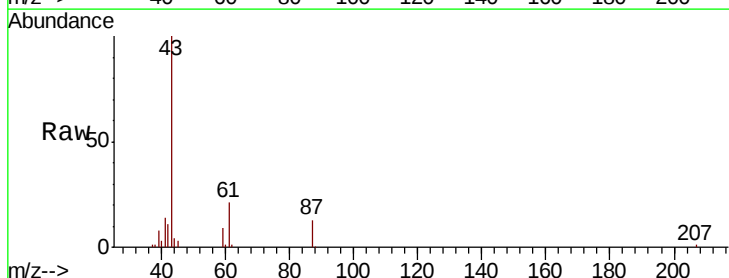
Instrument :
MSVOA_N
ClientSampleId :
SU-04-112219

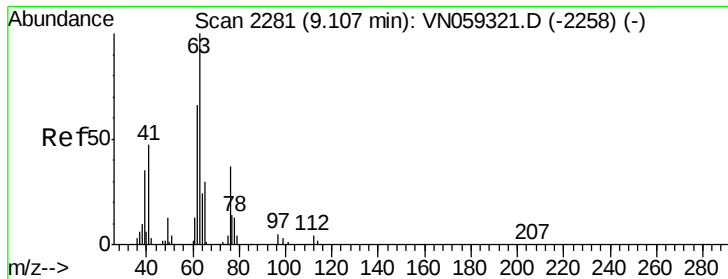
Tot Ion:	41	Resp:	581
Ion	Ratio	Lower	Upper
41	100		
39	28.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 9.478 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

Tgt Ion:	43	Resp:	83424
Ion	Ratio	Lower	Upper
43	100		
61	21.5	21.7	32.5#
87	13.2	10.2	15.4





#45

1,2-Dichloropropane

Concen: 0.466 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

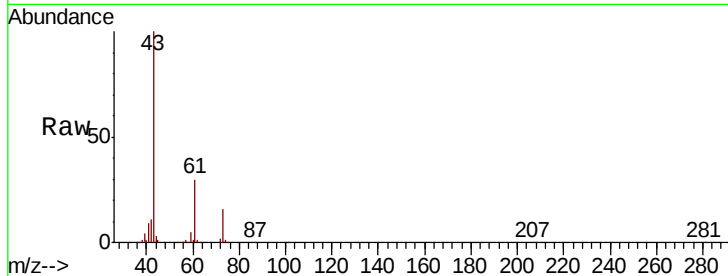
SU-04-112219

Tot Ion: 63 Resp: 1954

Ion Ratio Lower Upper

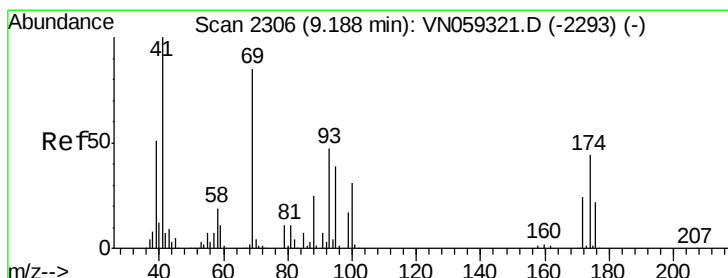
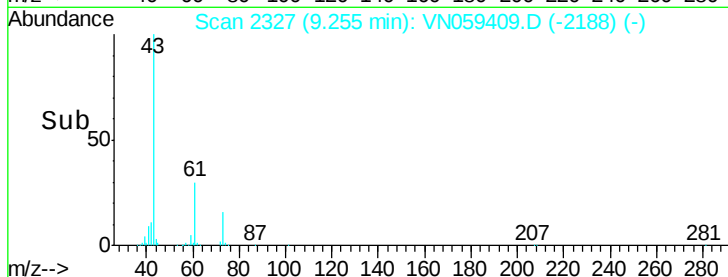
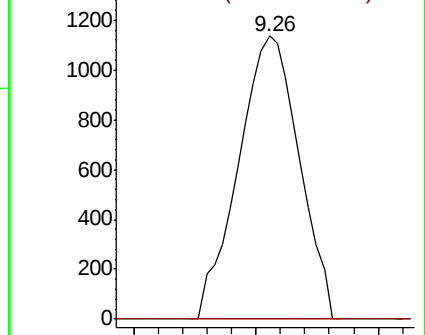
63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.411 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

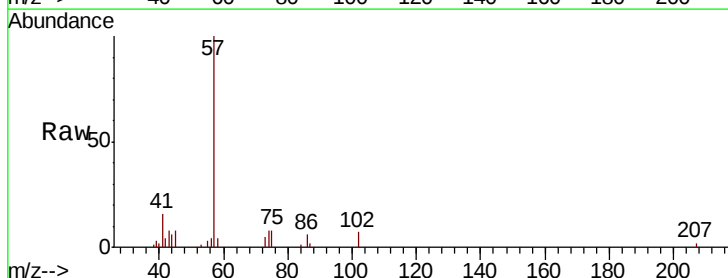
Tgt Ion: 41 Resp: 5646

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

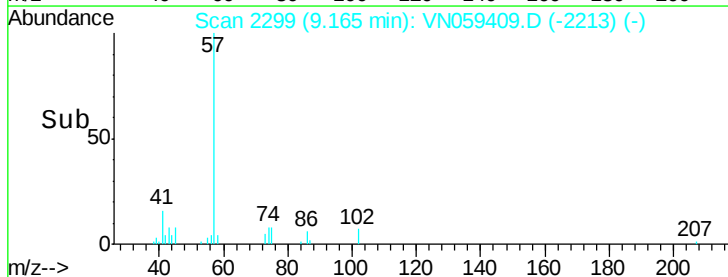
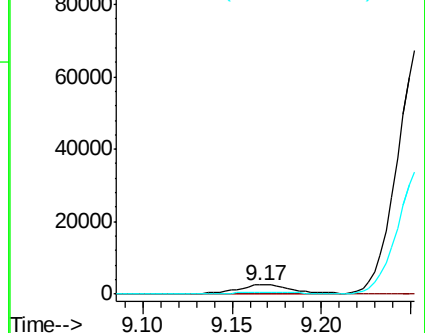
39 0.0 42.1 63.1#

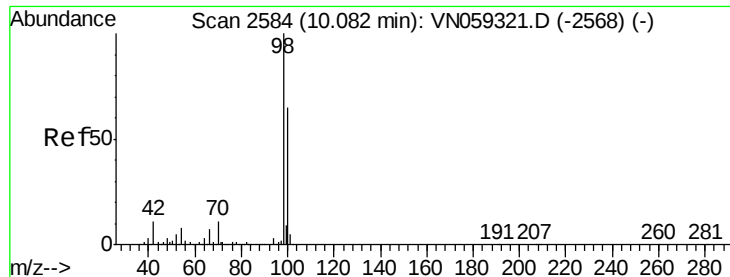


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 51.996 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

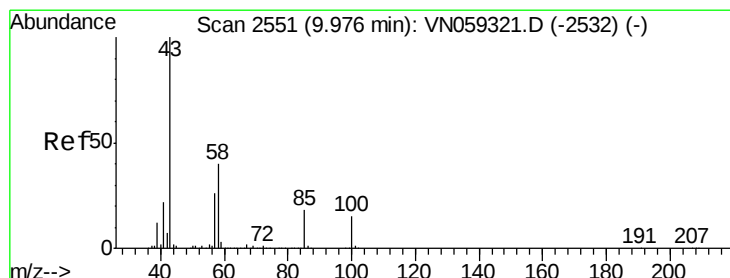
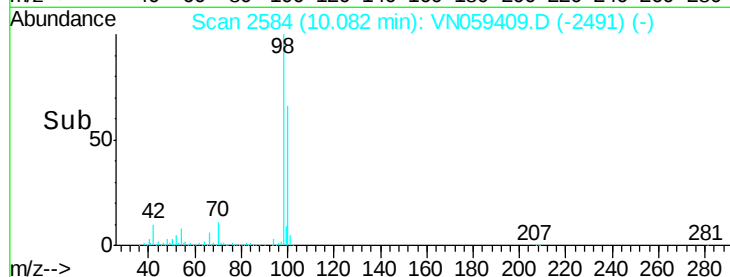
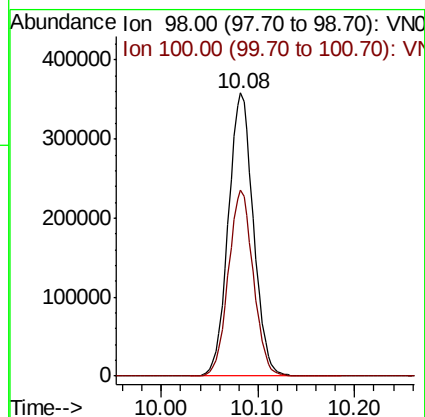
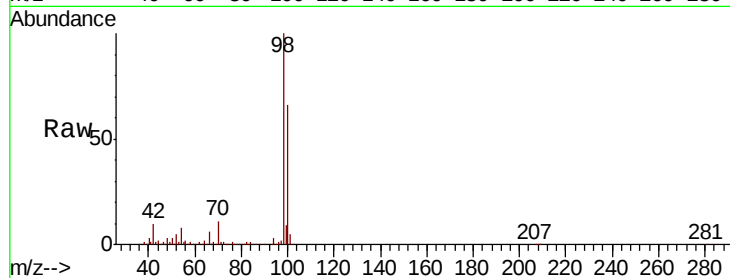
SU-04-112219

Tot Ion: 98 Resp: 643753

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.140 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059409.D

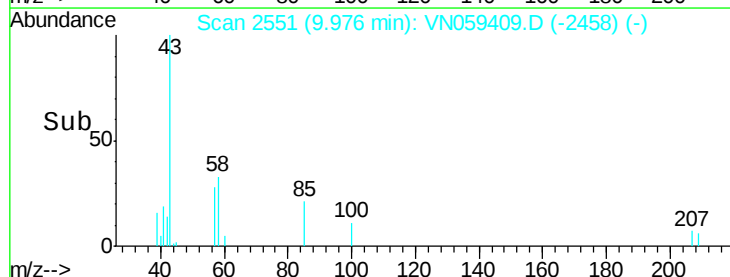
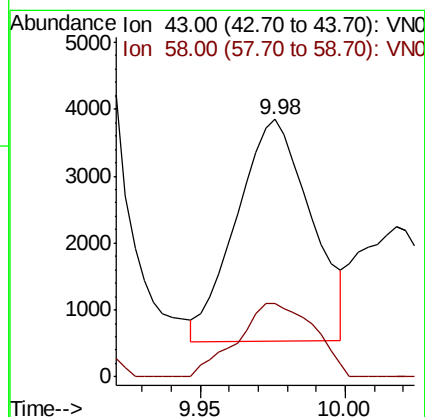
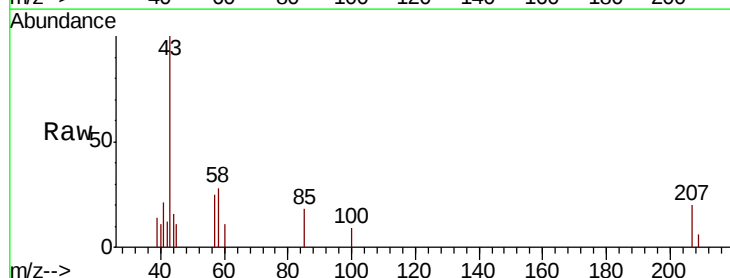
Acq: 26 Nov 2019 16:14

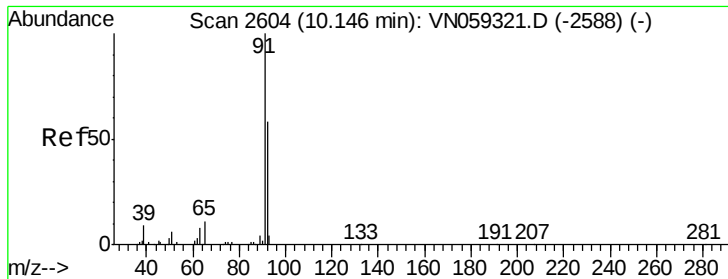
Tgt Ion: 43 Resp: 5874

Ion Ratio Lower Upper

43 100

58 34.4 31.8 47.8





#52

Toluene

Concen: 0.363 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

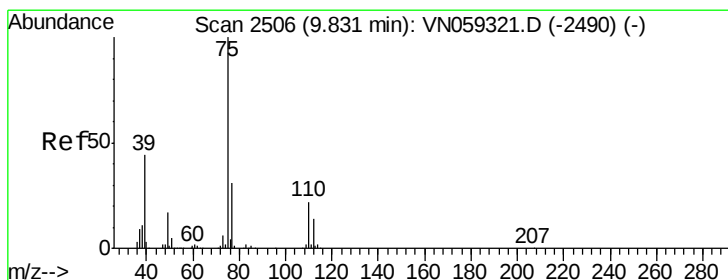
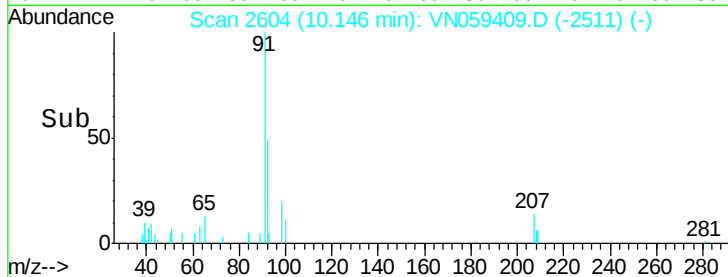
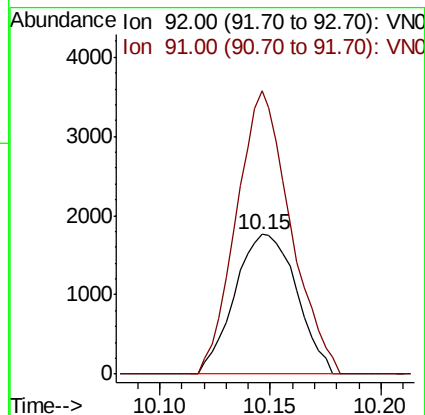
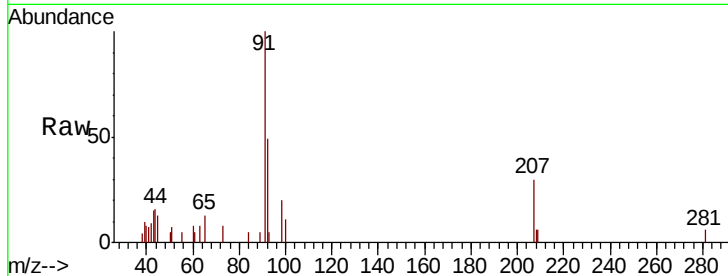
SU-04-112219

Tot Ion: 92 Resp: 3431

Ion Ratio Lower Upper

92 100

91 177.7 137.9 206.9



#54

cis-1,3-Dichloropropene

Concen: 5.504 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

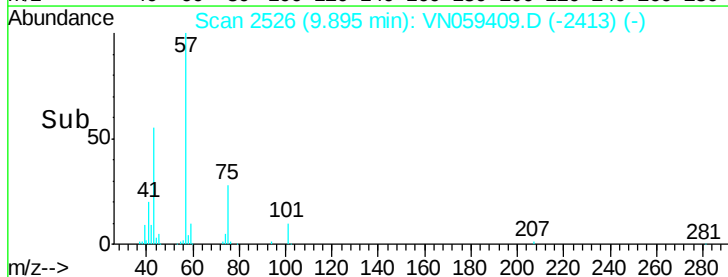
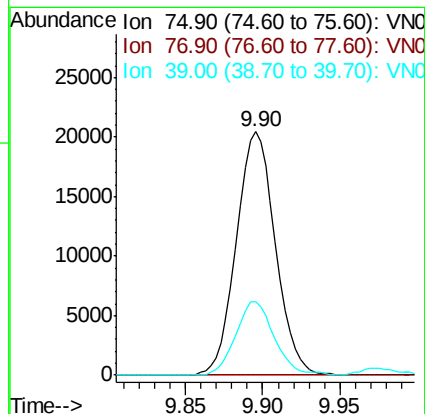
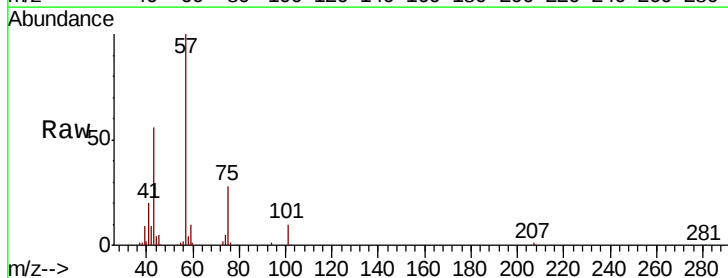
Tgt Ion: 75 Resp: 35770

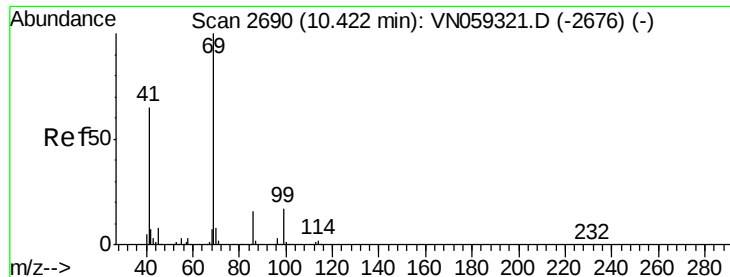
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 30.3 35.5 53.3#





#56

Ethyl methacrylate

Concen: 2.333 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

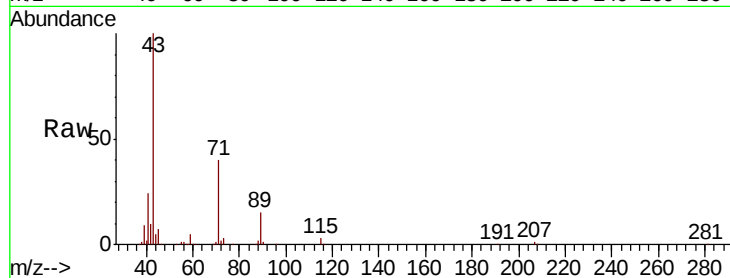
Tot Ion: 69 Resp: 914

Ion Ratio Lower Upper

69 100

41 6565.0 51.7 77.5#

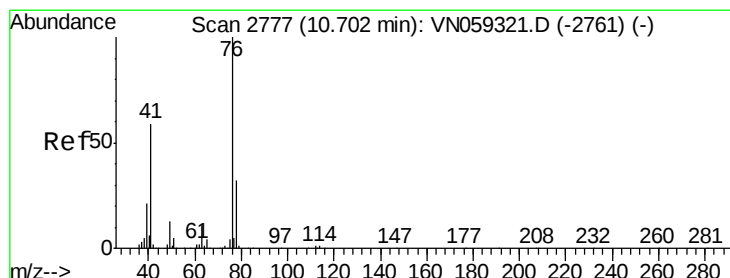
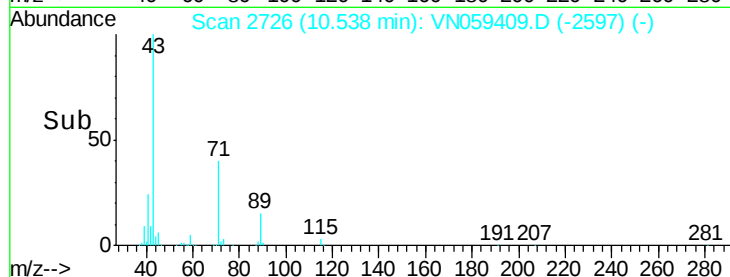
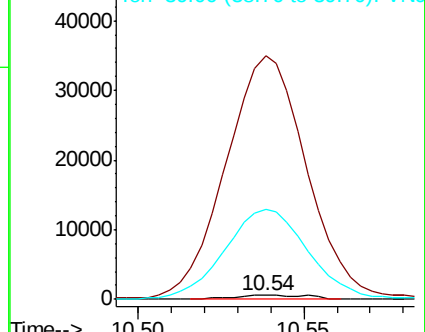
39 2522.8 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN059409.D (-2597) (-)

Ion 41.00 (40.70 to 41.70): VN059409.D (-2597) (-)

Ion 39.00 (38.70 to 39.70): VN059409.D (-2597) (-)



#57

1,3-Dichloropropane

Concen: 0.975 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059409.D

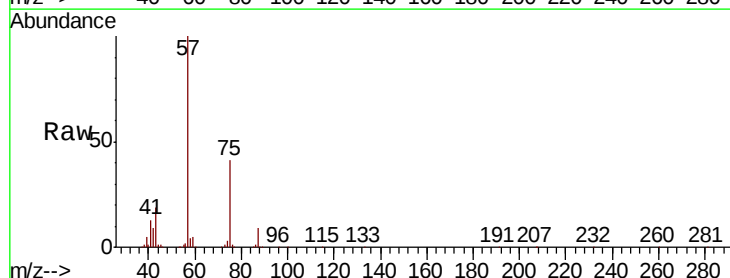
Acq: 26 Nov 2019 16:14

Tgt Ion: 76 Resp: 6246

Ion Ratio Lower Upper

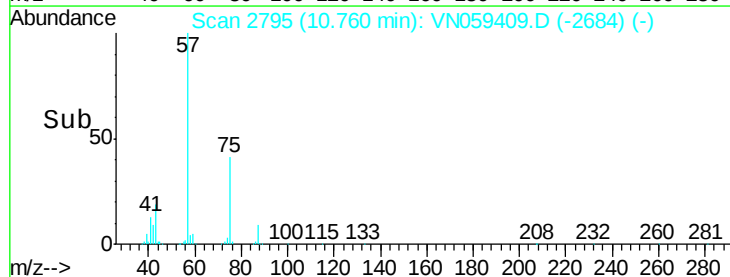
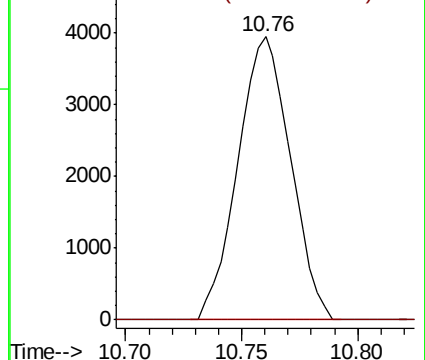
76 100

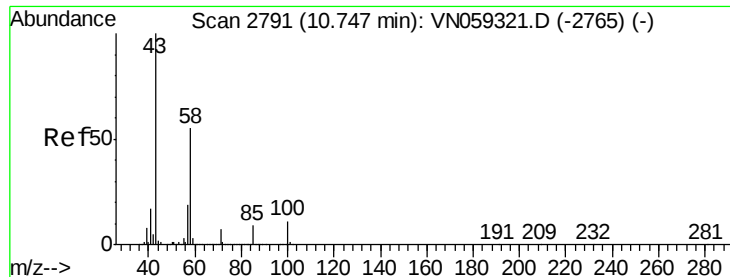
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN059409.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN059409.D (-2684) (-)

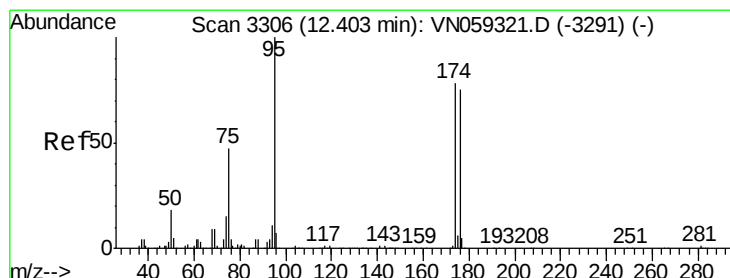
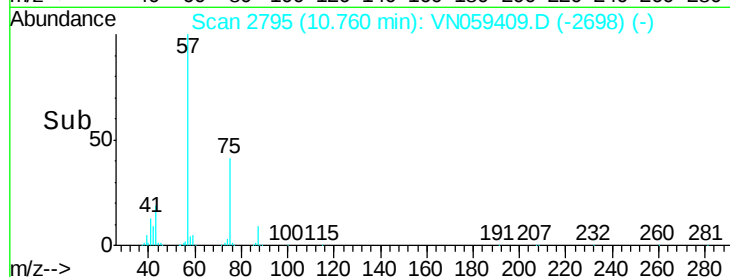
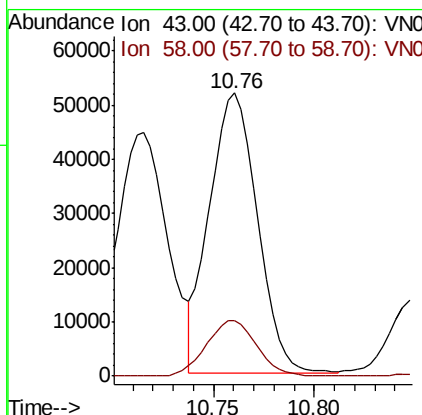
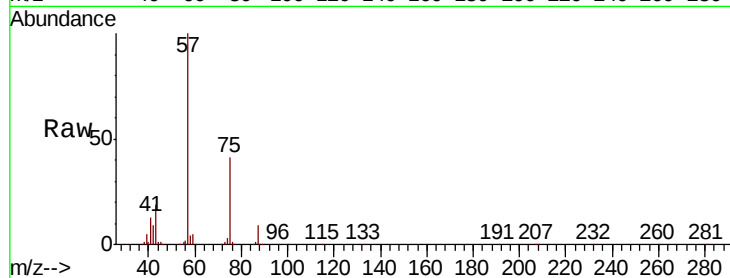




#59
 2-Hexanone
 Concen: 22.560 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

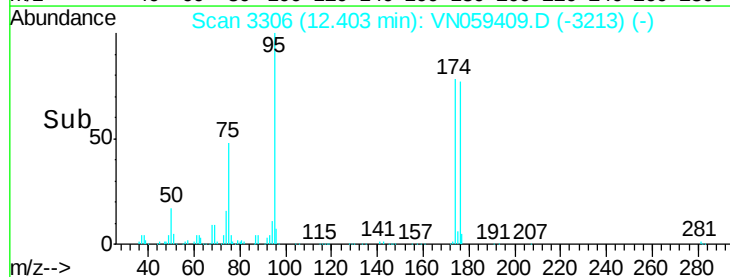
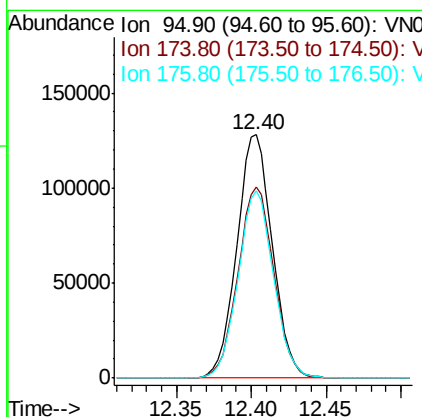
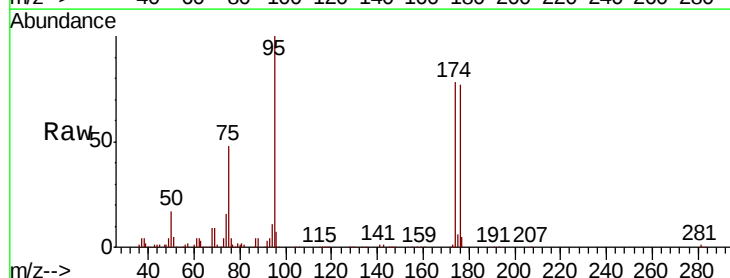
Instrument :
 MSVOA_N
 ClientSampled :
 SU-04-112219

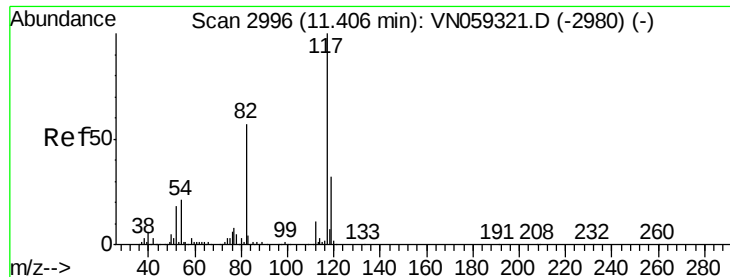
Tot Ion: 43 Resp: 85108
 Ion Ratio Lower Upper
 43 100
 58 20.8 27.7 83.0#



#62
 4-Bromofluorobenzene
 Concen: 48.943 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

Tgt Ion: 95 Resp: 211878
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 157.4
 176 76.8 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

SU-04-112219

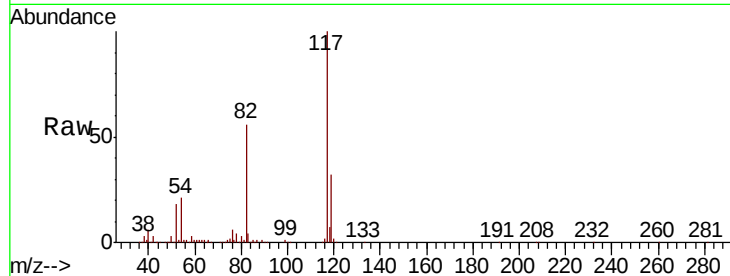
Tot Ion:117 Resp: 465767

Ion Ratio Lower Upper

117 100

82 56.2 45.7 68.5

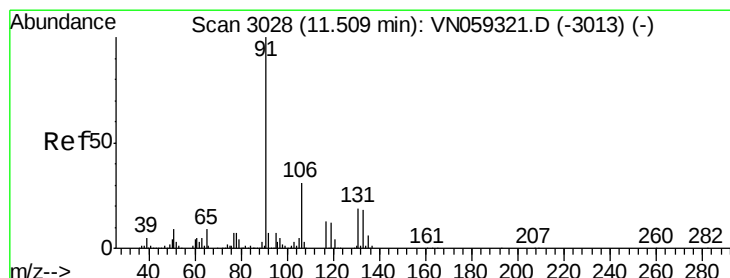
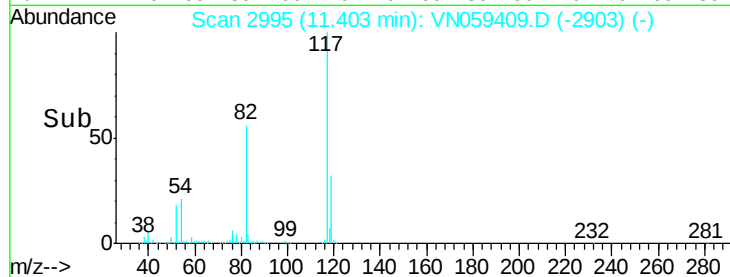
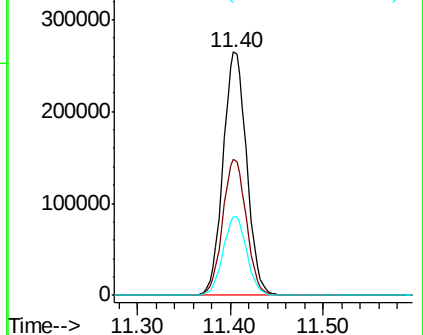
119 32.1 25.8 38.6



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



#67

Ethyl Benzene

Concen: 0.227 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059409.D

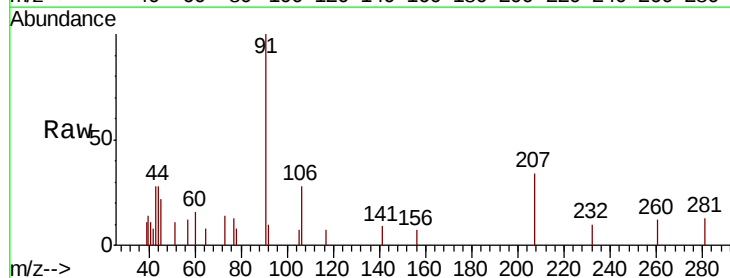
Acq: 26 Nov 2019 16:14

Tgt Ion: 91 Resp: 4065

Ion Ratio Lower Upper

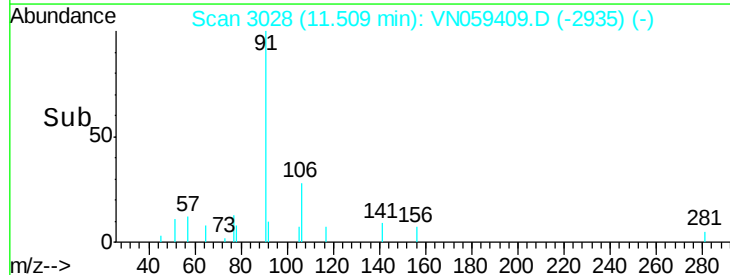
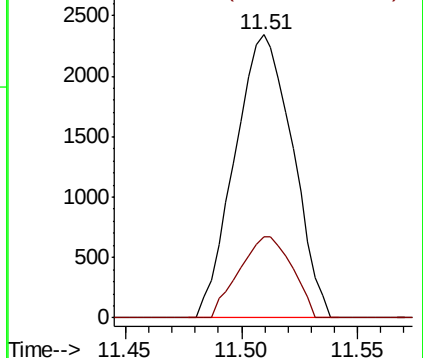
91 100

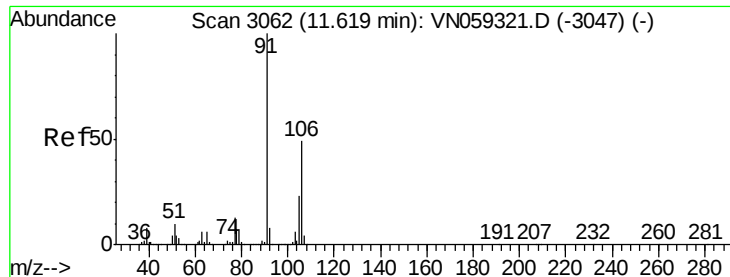
106 28.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

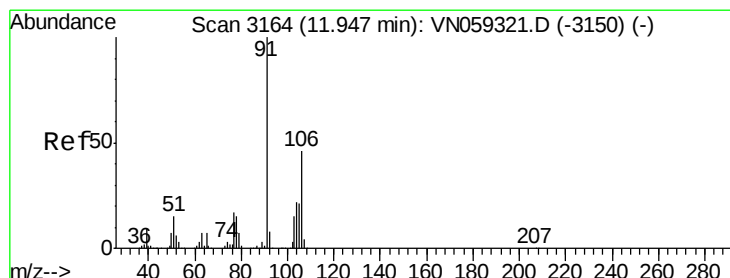
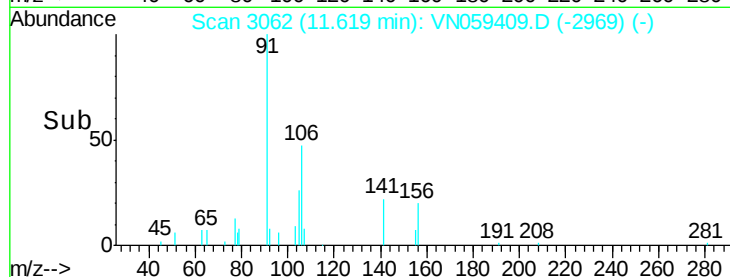
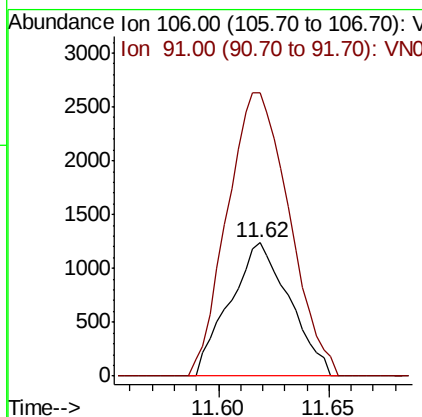
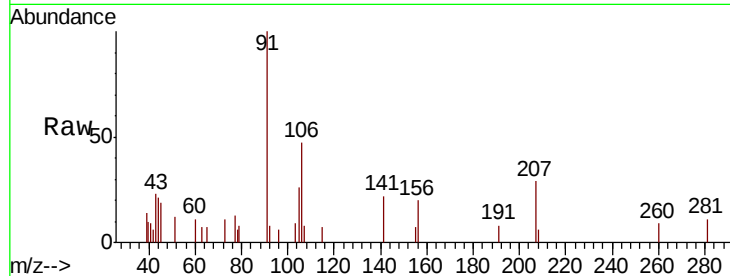




#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

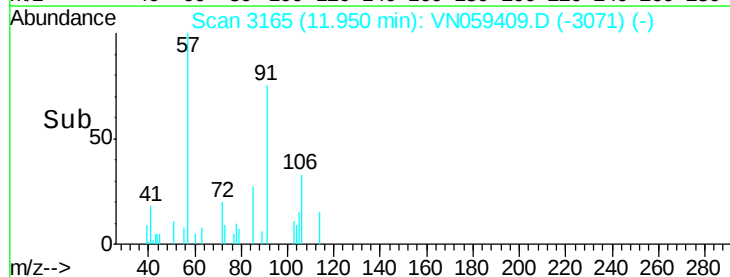
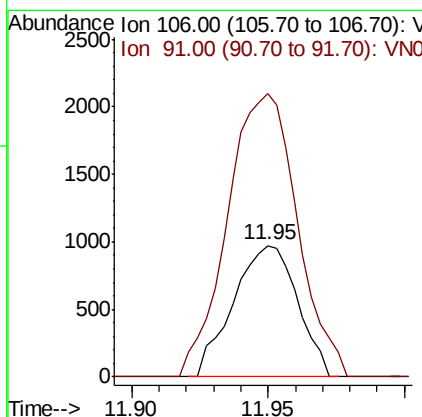
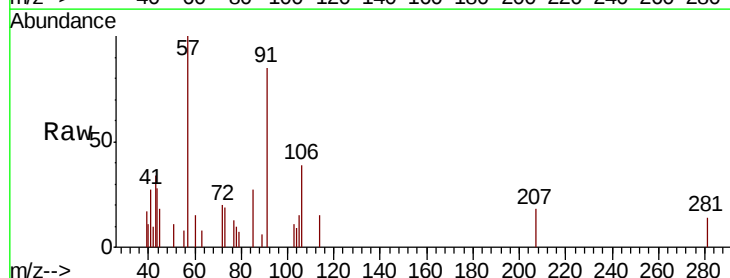
Instrument :
MSVOA_N
ClientSampled :
SU-04-112219

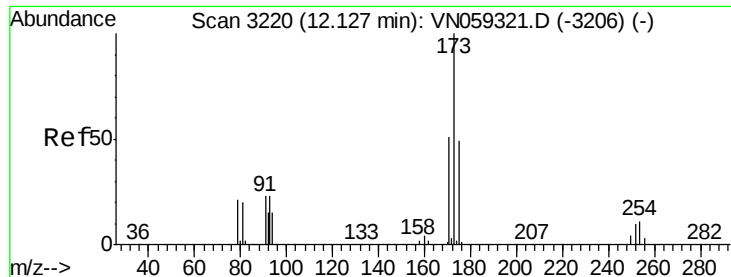
Tot Ion:106 Resp: 2326
Ion Ratio Lower Upper
106 100
91 219.7 163.2 244.8



#69
o-Xylene
Concen: 0.249 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

Tgt Ion:106 Resp: 1586
Ion Ratio Lower Upper
106 100
91 234.9 109.3 327.9





#71

Bromoform

Concen: 0.256 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

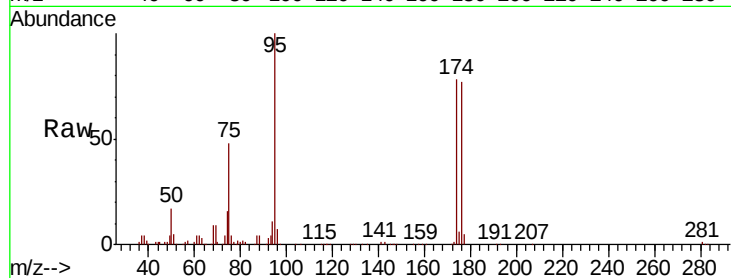
Tot Ion:173 Resp: 705

Ion Ratio Lower Upper

173 100

175 1490.9 24.6 73.6#

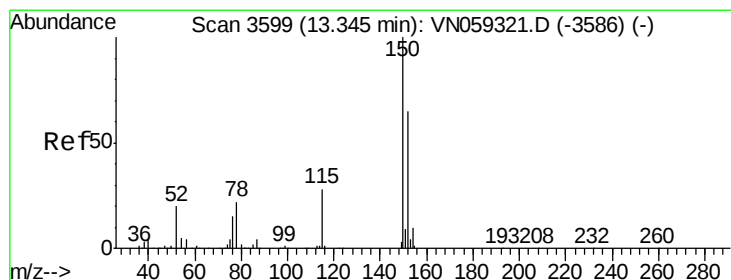
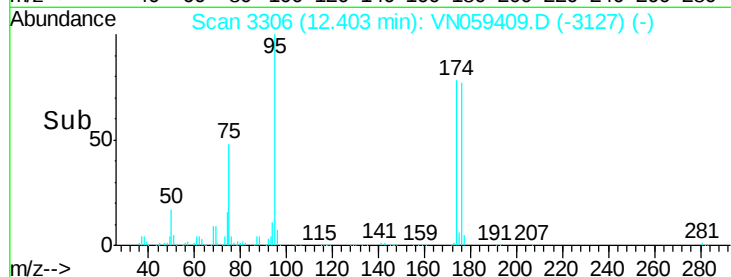
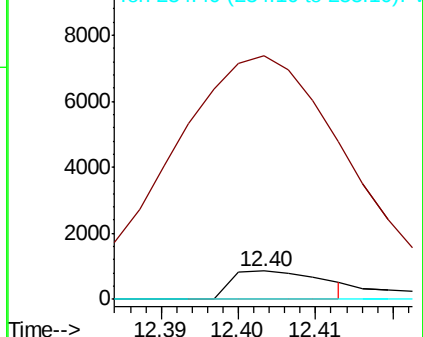
254 0.0 0.1 0.1#



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# 3599

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

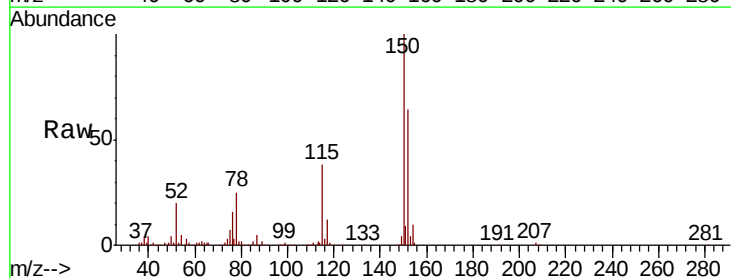
Tgt Ion:152 Resp: 187288

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

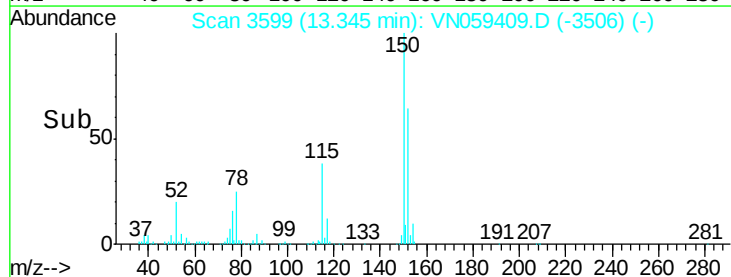
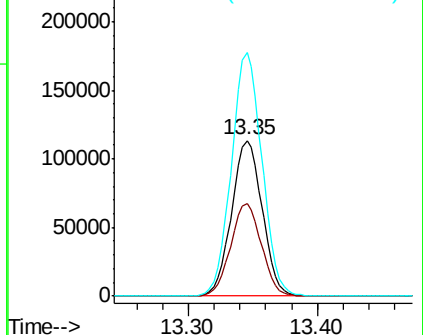
150 156.4 0.0 346.0

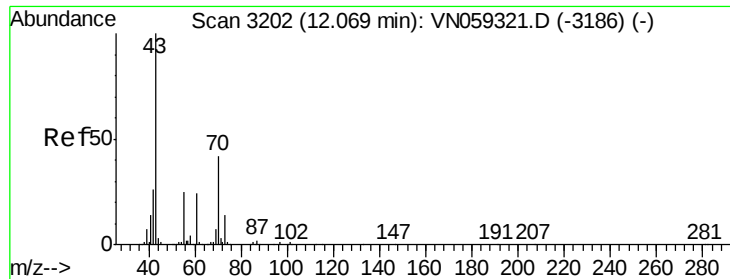


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 0.681 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

Tot Ion: 43 Resp: 4201

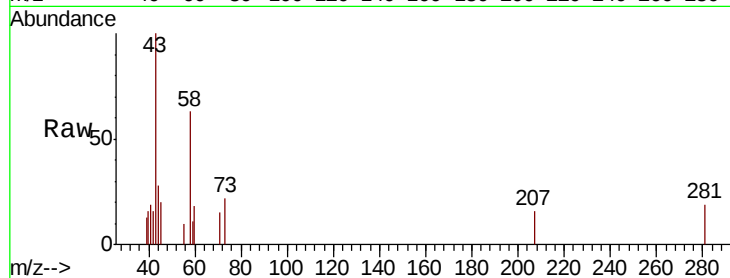
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 5.6 20.3 30.5#

61 0.0 19.9 29.9#

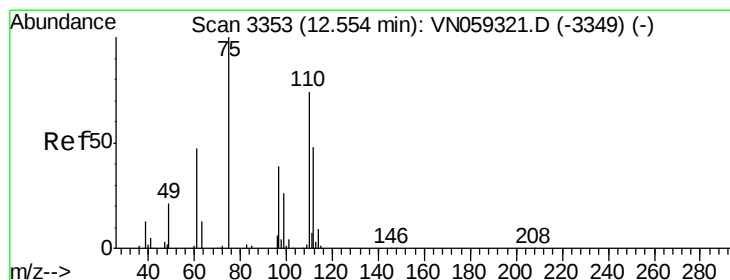
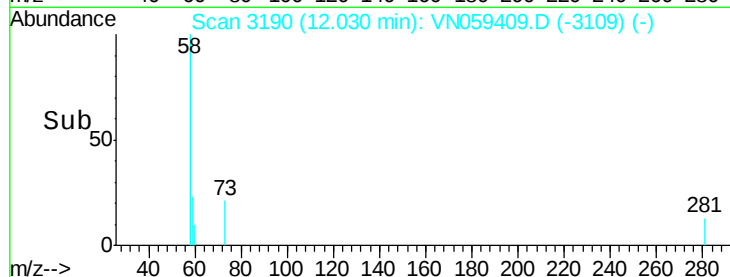
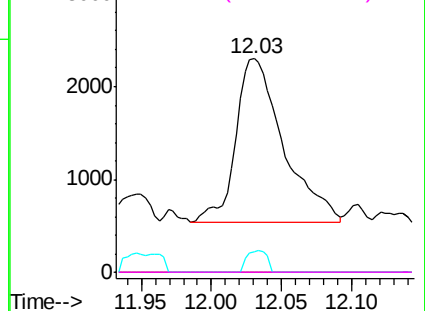


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 23.603 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059409.D

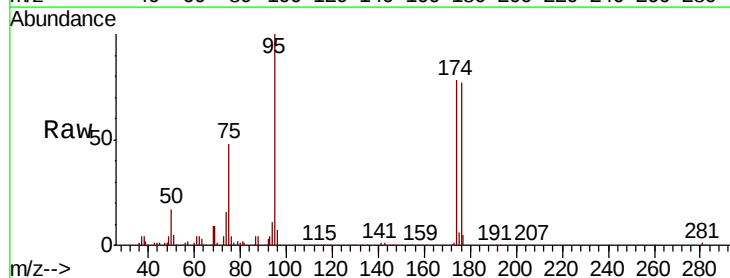
Acq: 26 Nov 2019 16:14

Tgt Ion: 75 Resp: 102127

Ion Ratio Lower Upper

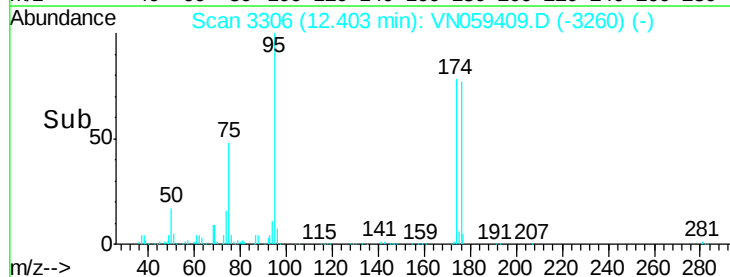
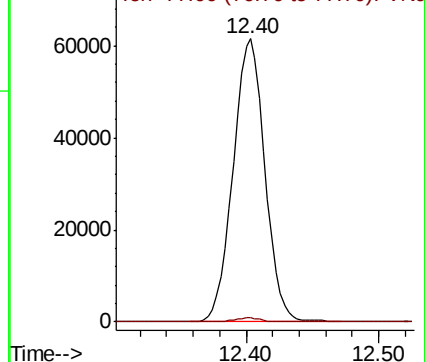
75 100

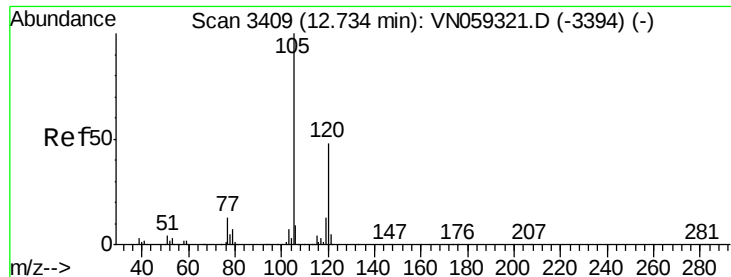
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.365 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

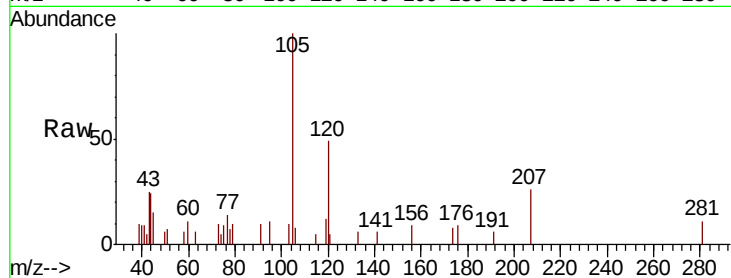
SU-04-112219

Tot Ion:105 Resp: 4703

Ion Ratio Lower Upper

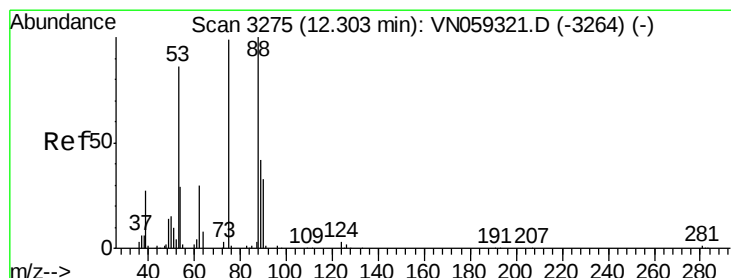
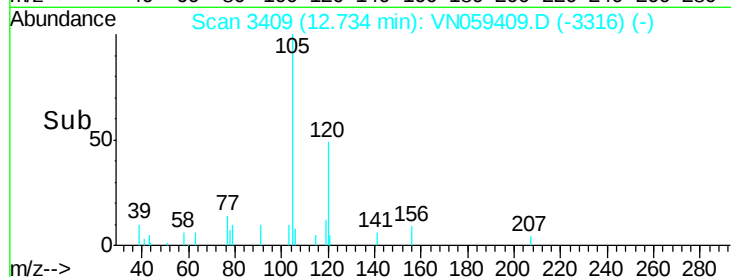
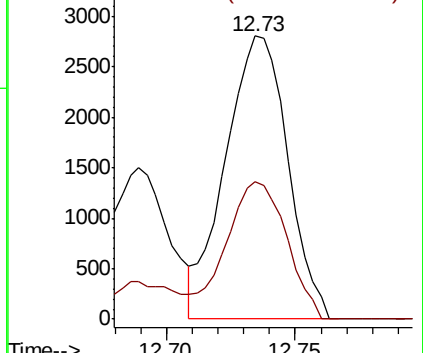
105 100

120 47.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 59.036 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

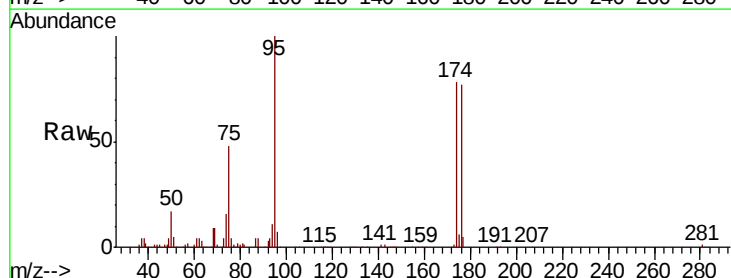
Tgt Ion: 75 Resp: 102127

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

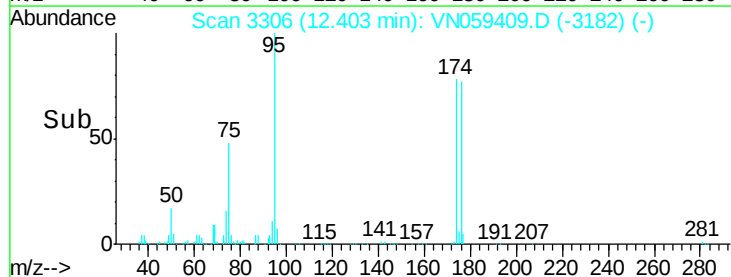
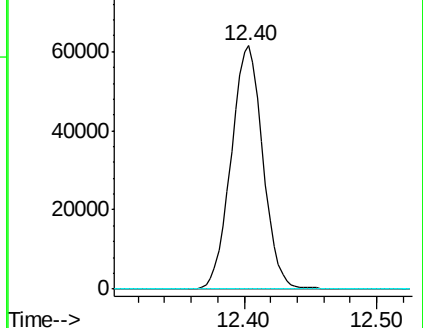
89 0.0 35.4 53.0#

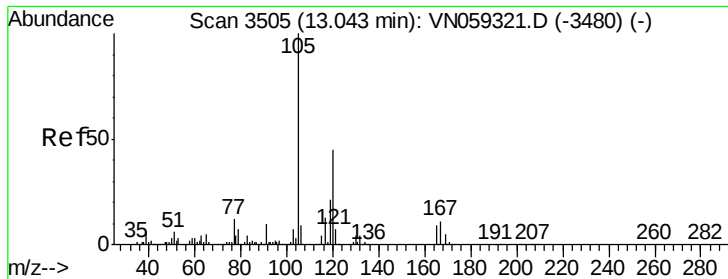


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

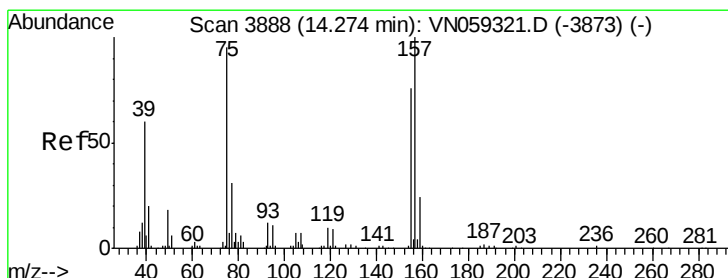
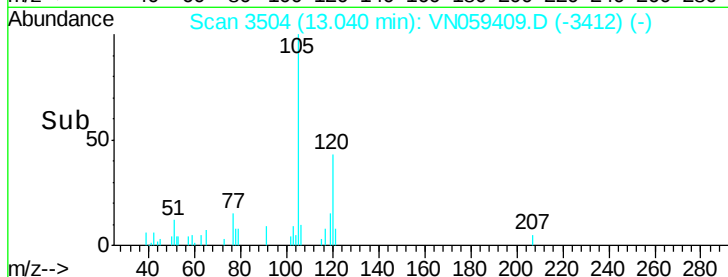
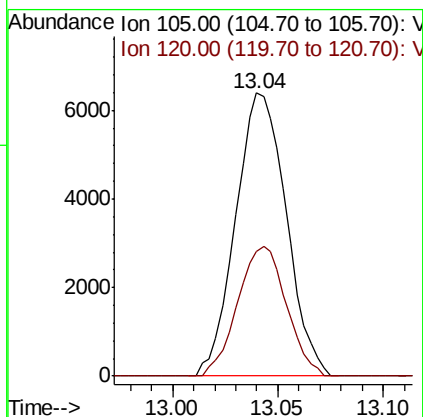
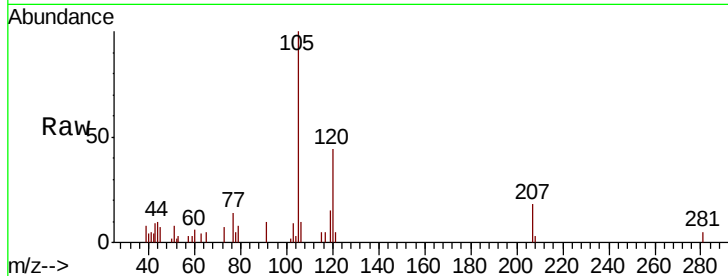




#84
 1,2,4-Trimethylbenzene
 Concen: 0.844 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

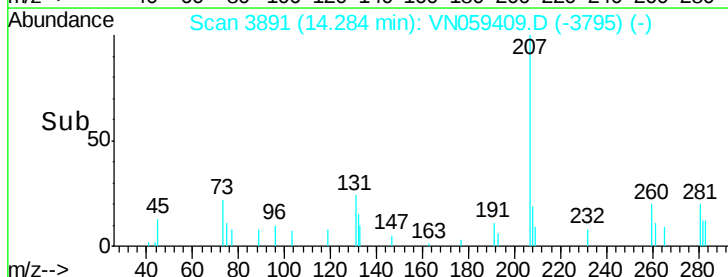
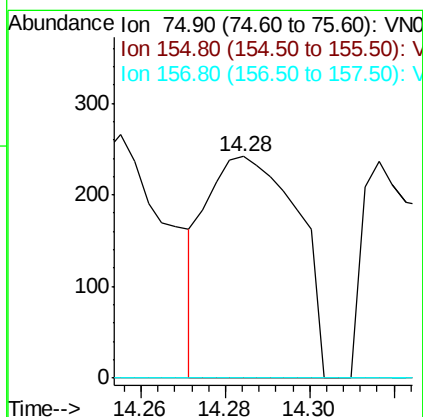
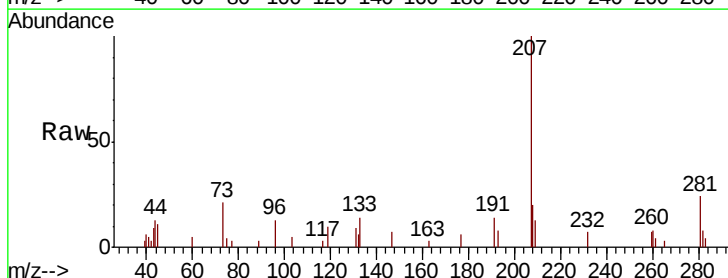
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-112219

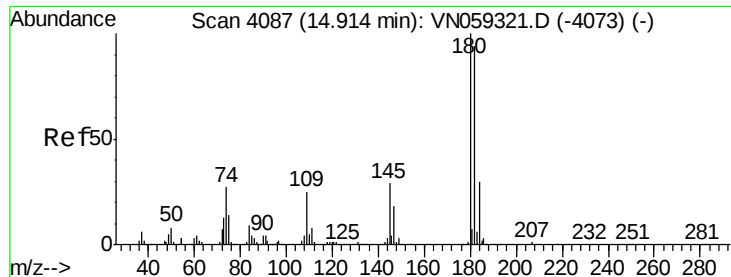
Tot Ion:105 Resp: 10664
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.6 67.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.336 ug/l
 RT: 14.28 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

Tgt Ion: 75 Resp: 363
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.5 121.5#
 157 0.0 52.7 158.1#

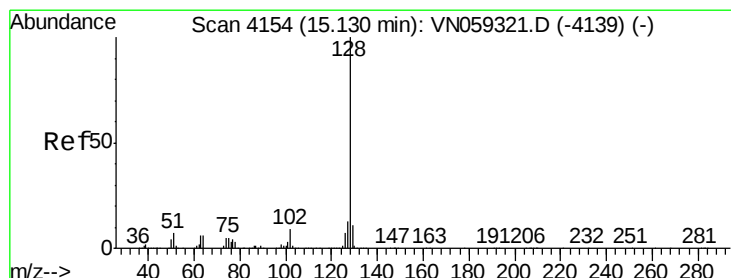
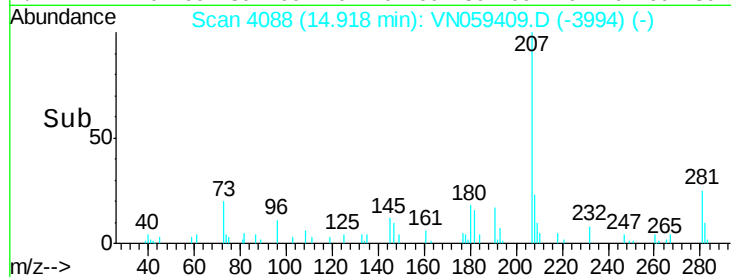
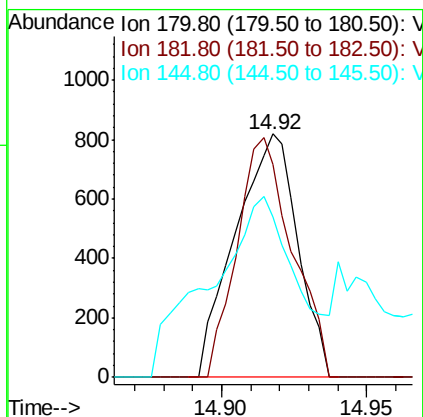
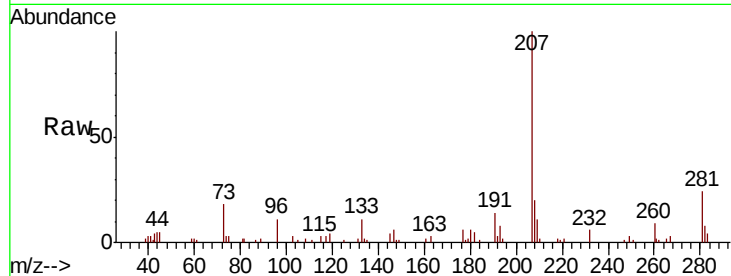




#93
 1,2,4-Trichlorobenzene
 Concen: 3.227 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

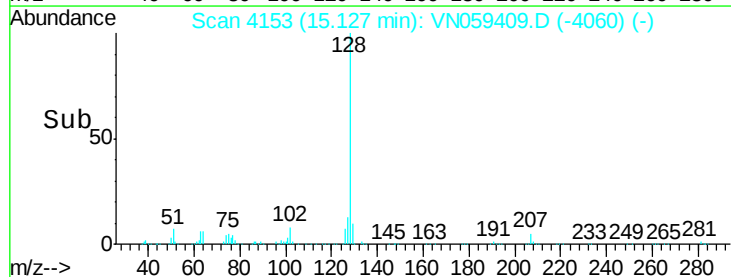
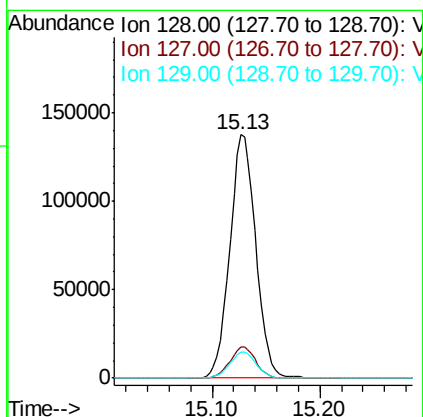
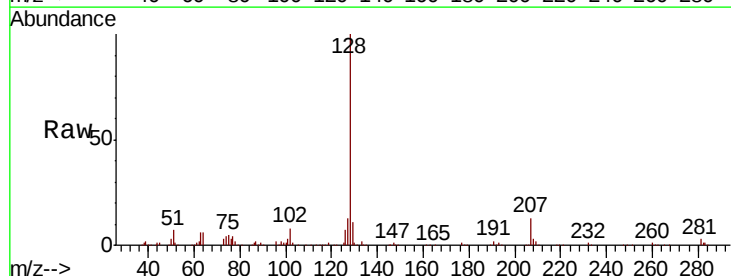
Instrument :
 MSVOA_N
 ClientSampled :
 SU-04-112219

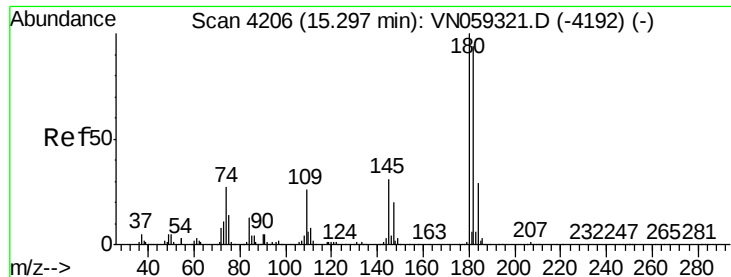
Tot Ion:180 Resp: 1221
 Ion Ratio Lower Upper
 180 100
 182 87.2 47.2 141.6
 145 100.4 14.9 44.5#



#95
 Naphthalene
 Concen: 22.812 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

Tgt Ion:128 Resp: 231578
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.216 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.01 min
 Lab File: VN059409.D
 Acq: 26 Nov 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-112219

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.1	141.4
145	9.6	15.6	46.8#

