

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059735.D
 Acq On : 16 Jan 2020 16:28
 Operator : JC/MD
 Sample : L1016-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-011520

Quant Time: Jan 17 04:38:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103829	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98692	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	7.57	113	86373	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.08	98	327089	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	110300	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	

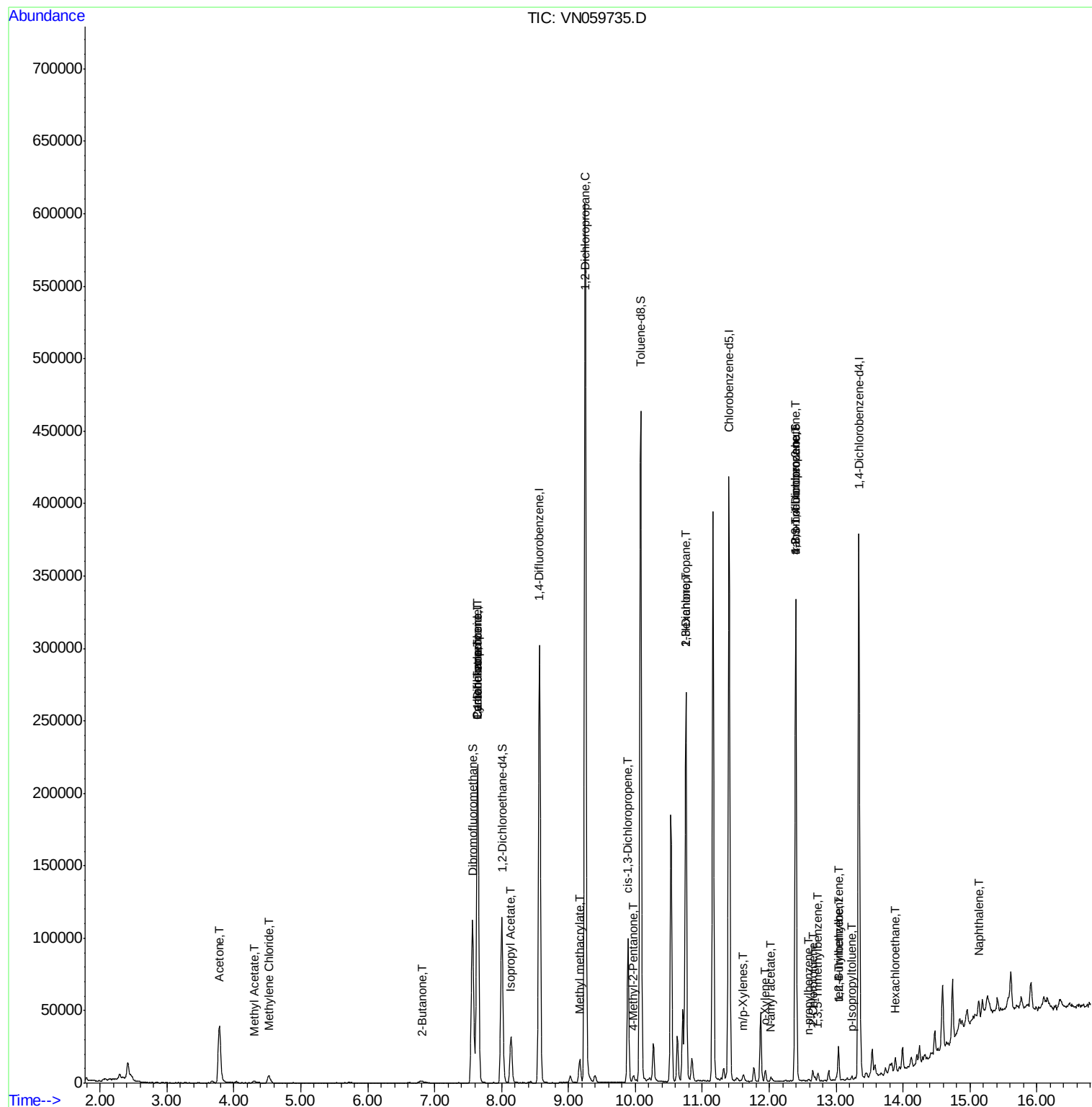
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	67323	86.076	ug/l	96
18) Methyl Acetate	4.30	43	2962	1.190	ug/l	92
20) Methylene Chloride	4.52	84	4295	0.959	ug/l #	82
25) 2-Butanone	6.81	43	2375	1.968	ug/l	93
31) Cyclohexane	7.64	56	3559	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13234	5.318	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17650	6.521	ug/l #	16
43) Isopropyl Acetate	8.14	43	39138	9.750	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	743	0.405	ug/l #	44
48) Methyl methacrylate	9.17	41	2611	1.454	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	2826	1.218	ug/l	92
54) cis-1,3-Dichloropropene	9.89	75	18926	6.171	ug/l #	56
57) 1,3-Dichloropropane	10.75	76	2790	0.947	ug/l #	42
59) 2-Hexanone	10.75	43	38161	22.322	ug/l #	55
68) m/p-Xylenes	11.61	106	1545	0.467	ug/l	92
69) o-Xylene	11.94	106	1809	0.559	ug/l	99
74) N-amyl acetate	12.03	43	2432	0.823	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	56290	32.215	ug/l #	100
78) n-propylbenzene	12.59	91	1842	0.216	ug/l	84
79) 2-Chlorotoluene	12.65	91	1220	0.240	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	3155	0.493	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	56290	69.181	ug/l #	11
83) tert-Butylbenzene	13.04	119	1693	0.306	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	13353	2.108	ug/l	96
86) p-Isopropyltoluene	13.23	119	1468	0.218	ug/l	91
90) Hexachloroethane	13.89	117	577	0.458	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29	Below Cal	#	6
95) Naphthalene	15.13	128	8933	1.578	ug/l	97

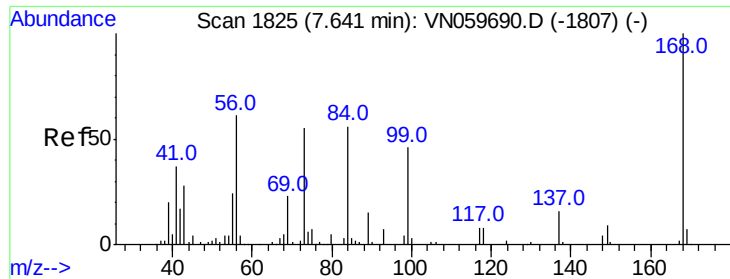
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
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QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

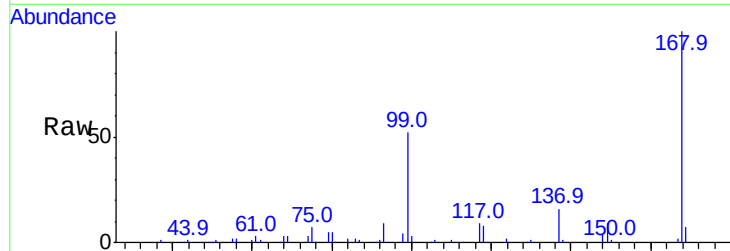
SU-03-011520

Tgt Ion:168 Resp: 191862

Ion Ratio Lower Upper

168 100

99 52.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059735.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059735.D (-1732) (-)

7.64

80000

60000

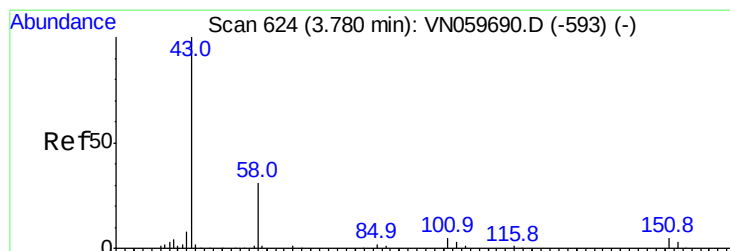
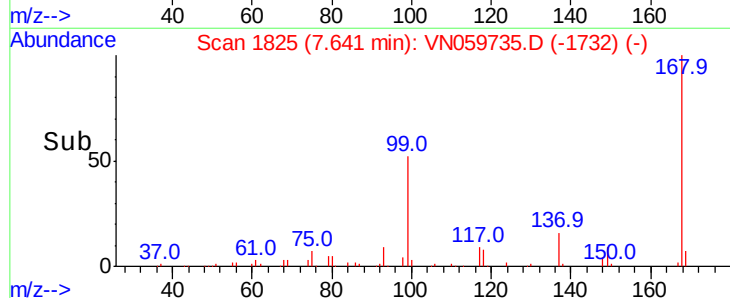
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 86.076 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059735.D

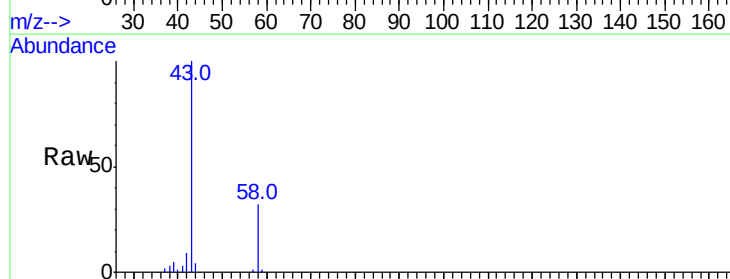
Acq: 16 Jan 2020 16:28

Tgt Ion: 43 Resp: 67323

Ion Ratio Lower Upper

43 100

58 31.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059735.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059735.D (-530) (-)

3.78

25000

20000

15000

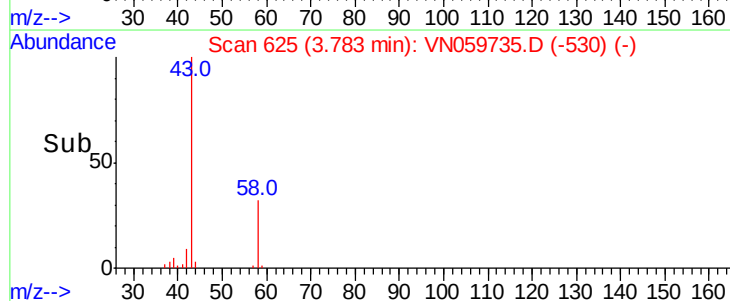
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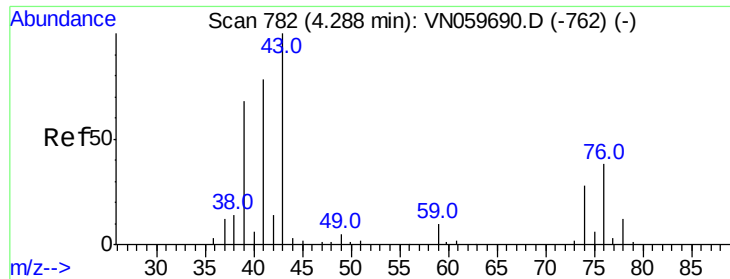
5000

0

3.70 3.80 3.90

Time-->

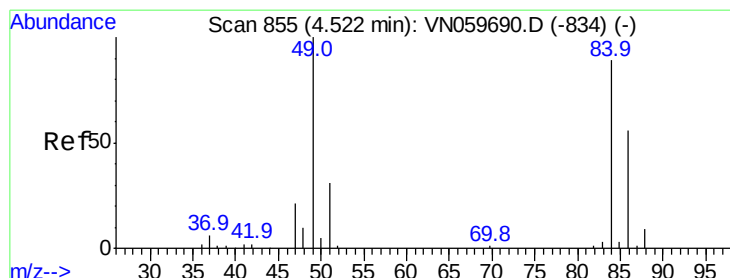
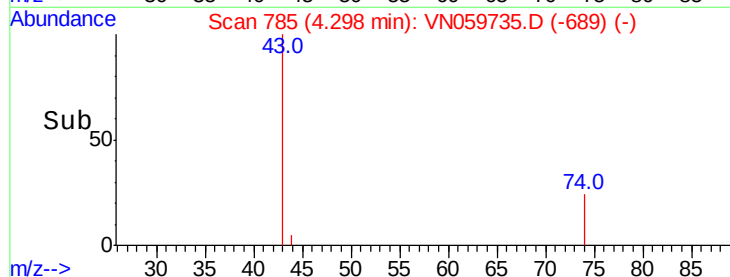
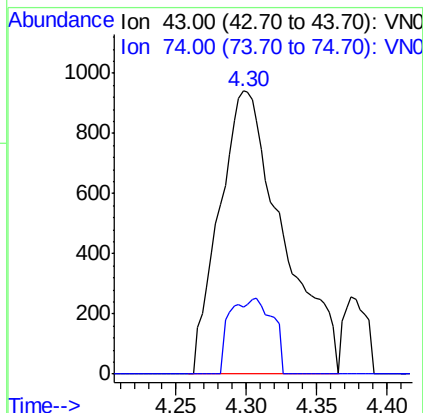
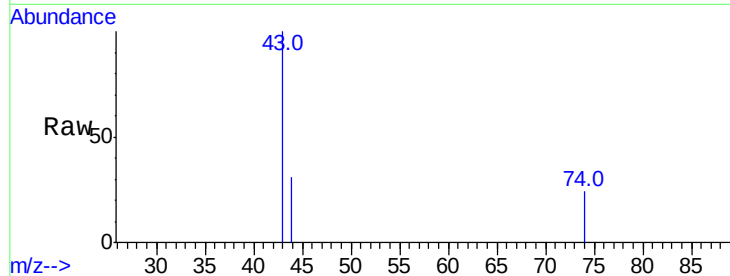




#18
Methyl Acetate
Concen: 1.190 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

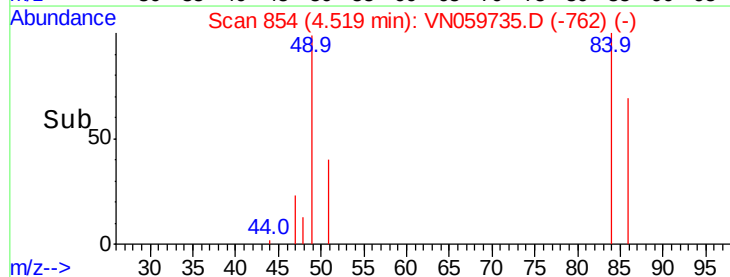
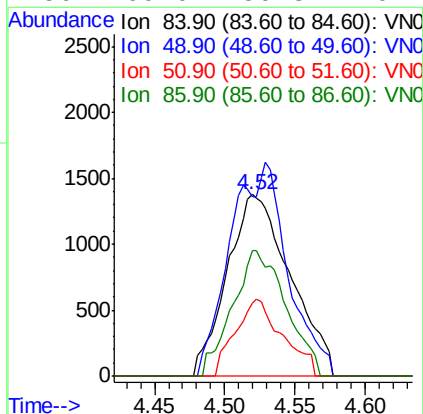
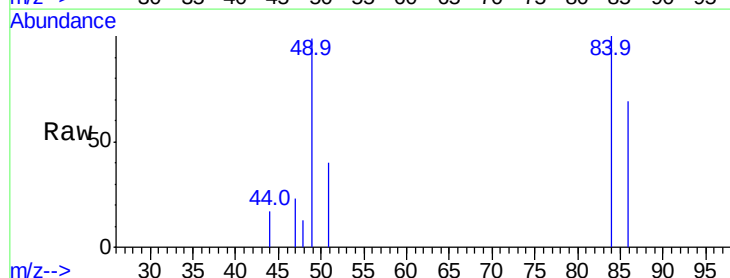
Instrument :
MSVOA_N
ClientSampled :
SU-03-011520

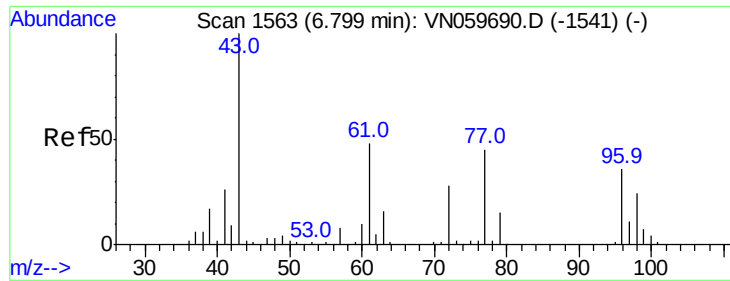
Tgt Ion: 43 Resp: 2962
Ion Ratio Lower Upper
43 100
74 18.1 17.5 26.3



#20
Methylene Chloride
Concen: 0.959 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion: 84 Resp: 4295
Ion Ratio Lower Upper
84 100
49 98.6 106.6 160.0#
51 40.0 31.9 47.9
86 69.0 50.8 76.2

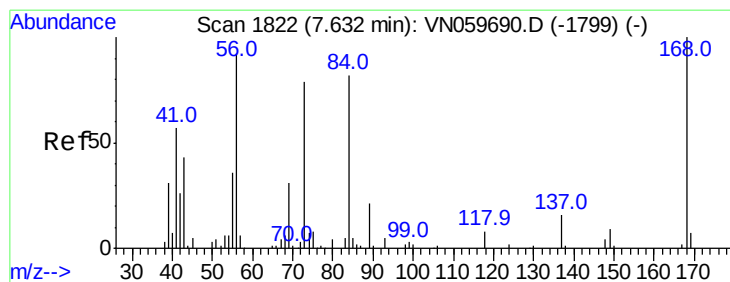
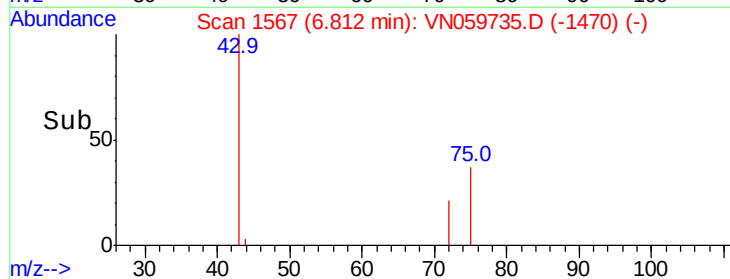
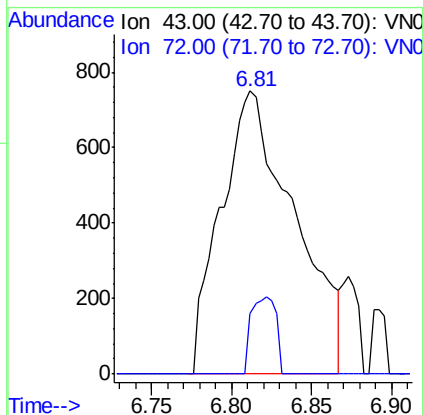
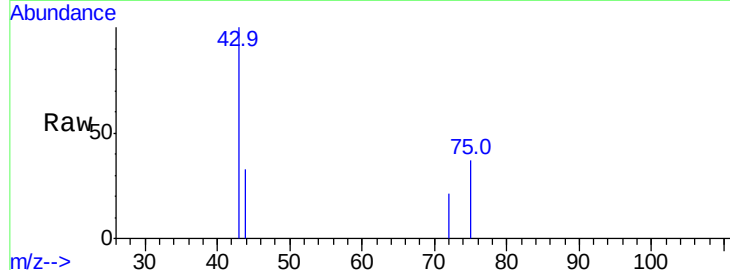




#25
2-Butanone
Concen: 1.968 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

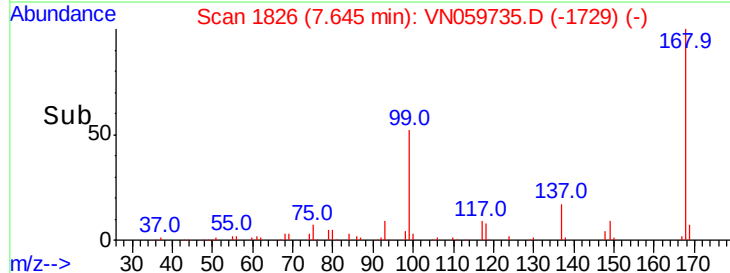
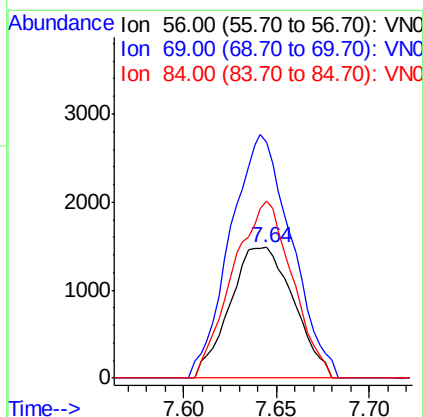
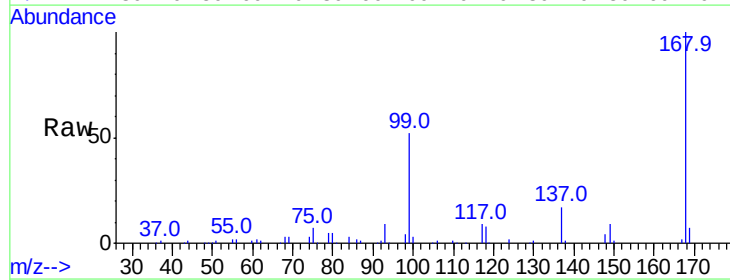
Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

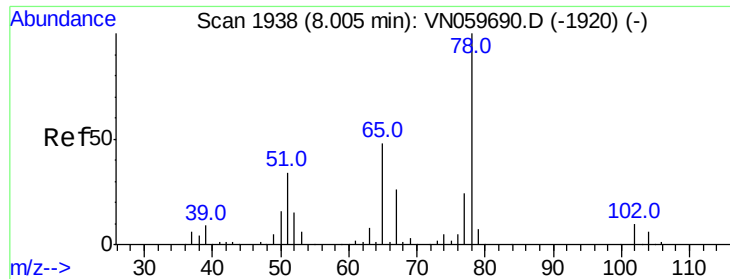
Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
72 21.5 19.9 29.9



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion: 56 Resp: 3559
Ion Ratio Lower Upper
56 100
69 180.8 26.5 39.7#
84 135.3 65.3 97.9#

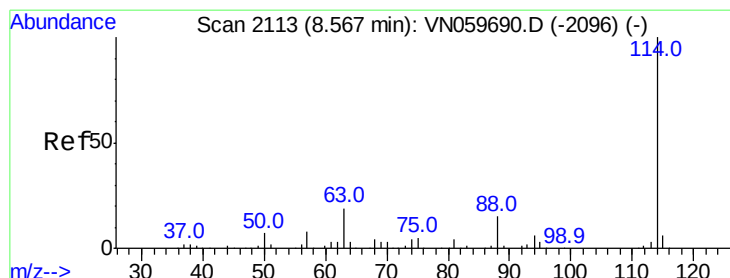
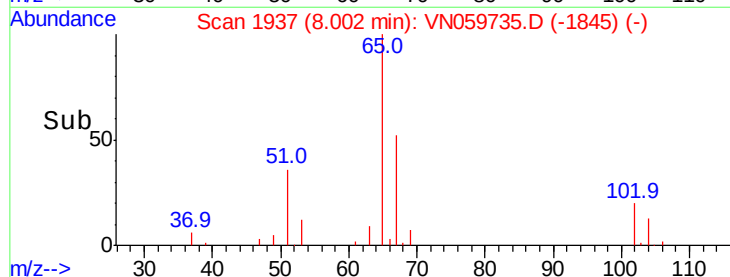
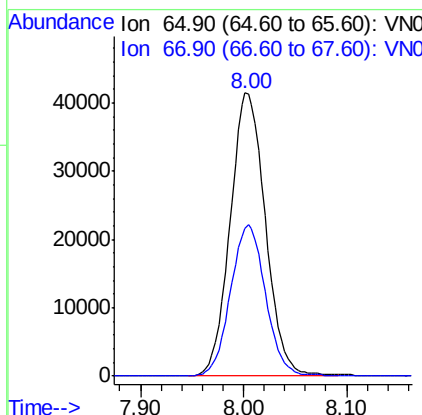
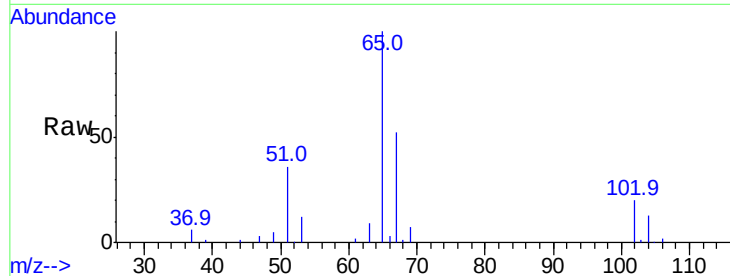




#33
 1,2-Dichloroethane-d4
 Concen: 46.320 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

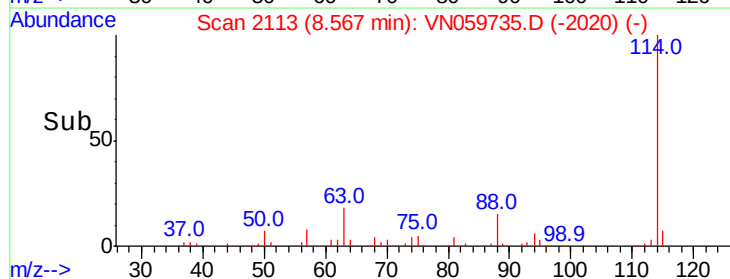
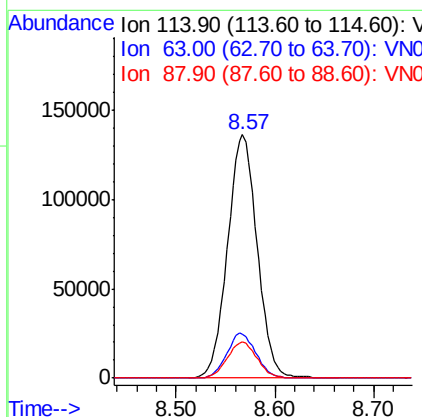
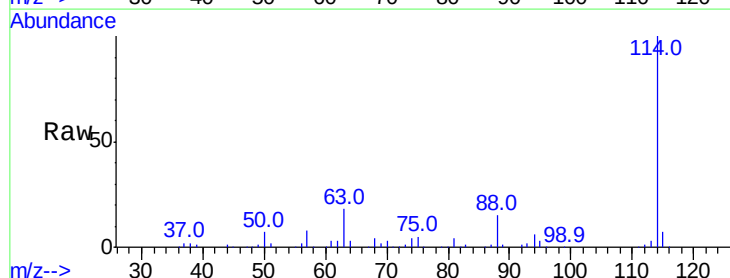
Instrument :
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 ClientSampleId :
 SU-03-011520

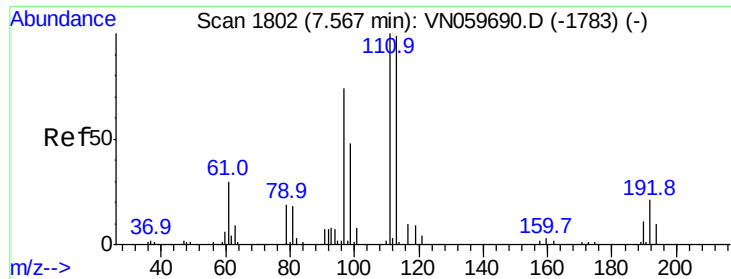
Tgt Ion: 65 Resp: 98692
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

Tgt Ion: 114 Resp: 285738
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.6
 88 14.7 0.0 31.4

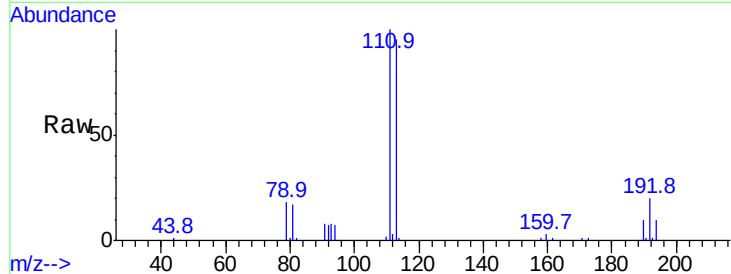




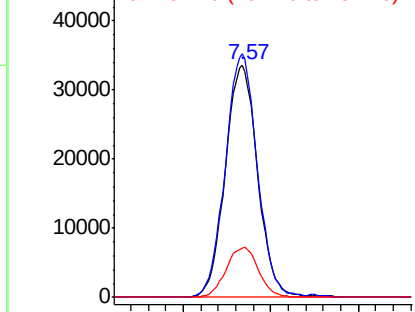
#35
 Dibromofluoromethane
 Concen: 50.689 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-011520

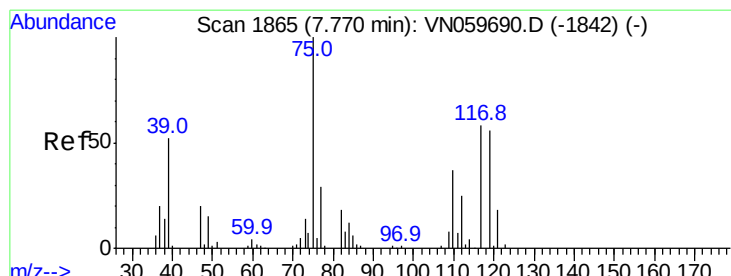
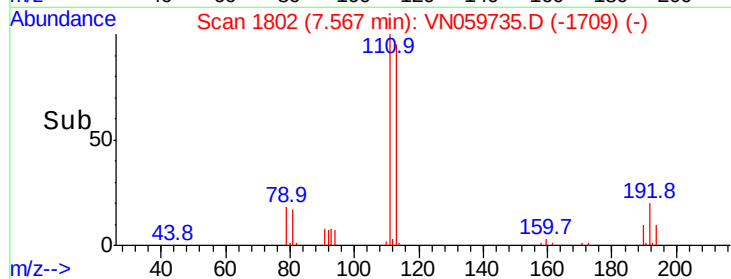
Tgt Ion:113 Resp: 86373
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.5 125.3
 192 21.4 15.4 23.2



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

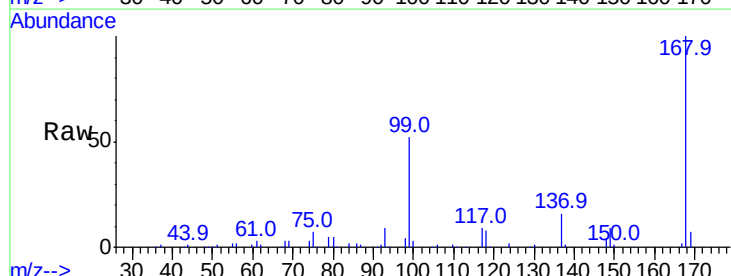


Time-->

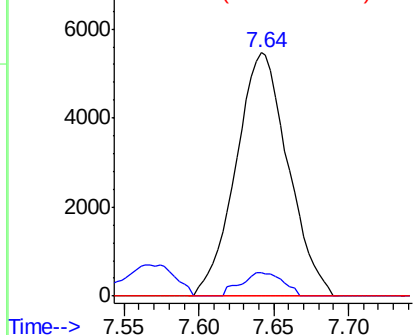


#36
 1,1-Dichloropropene
 Concen: 5.318 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

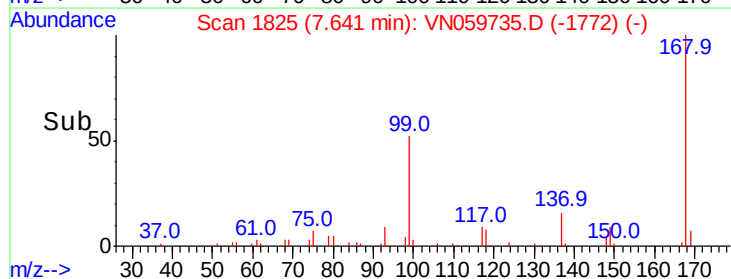
Tgt Ion: 75 Resp: 13234
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.6 49.7#
 77 0.0 25.1 37.7#

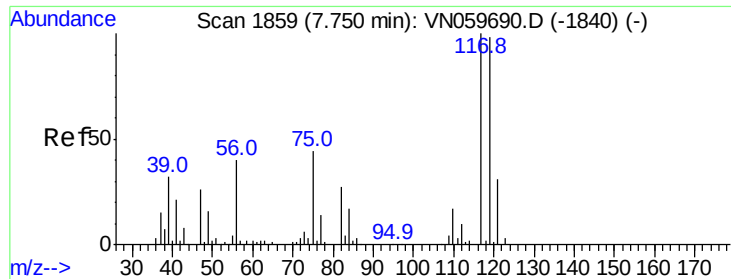


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



Time-->





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

SU-03-011520

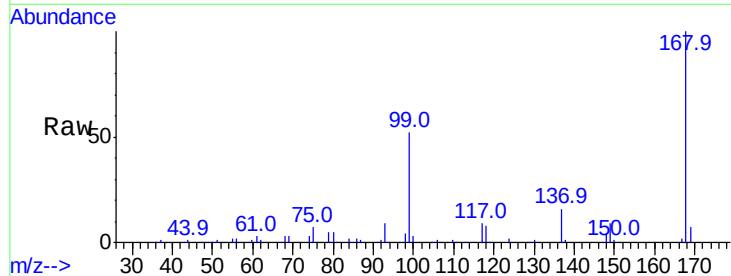
Tgt Ion:117 Resp: 17650

Ion Ratio Lower Upper

117 100

119 5.1 76.5 114.7#

121 0.0 25.1 37.7#

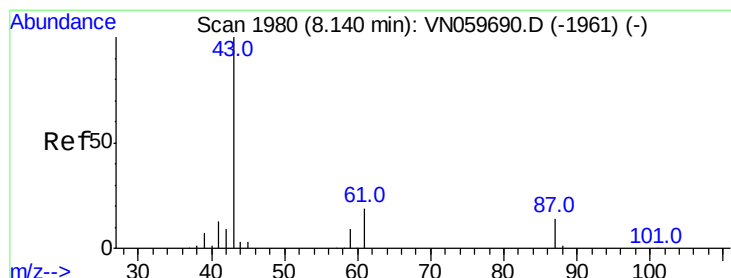
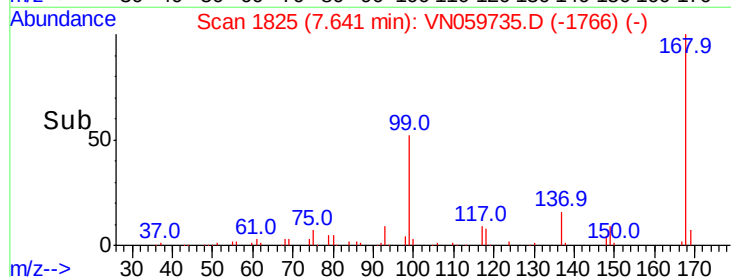
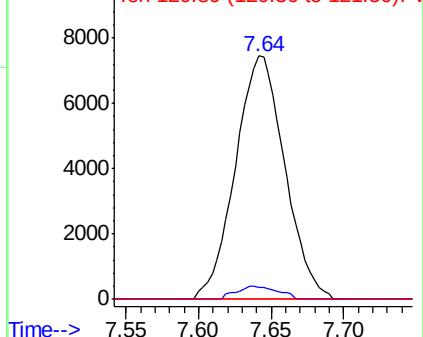


Abundance

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: 9.750 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

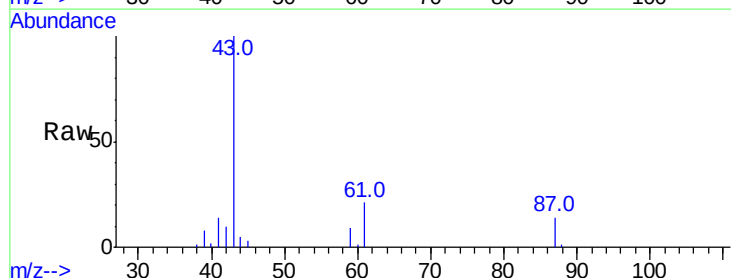
Tgt Ion: 43 Resp: 39138

Ion Ratio Lower Upper

43 100

61 20.2 20.2 30.2#

87 14.3 9.5 14.3#

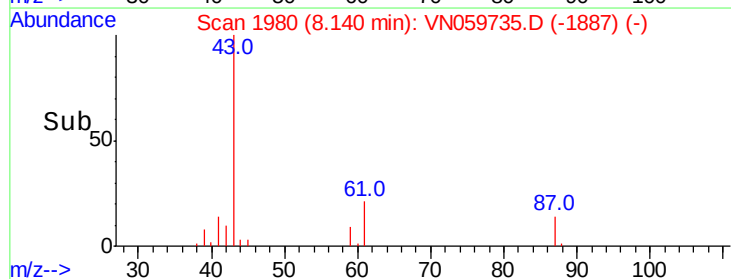
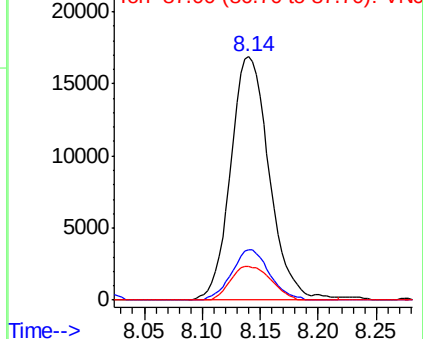


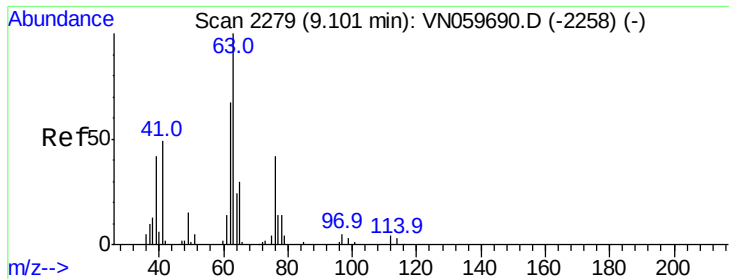
Abundance

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

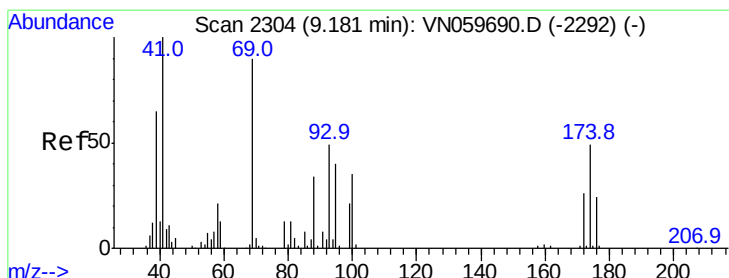
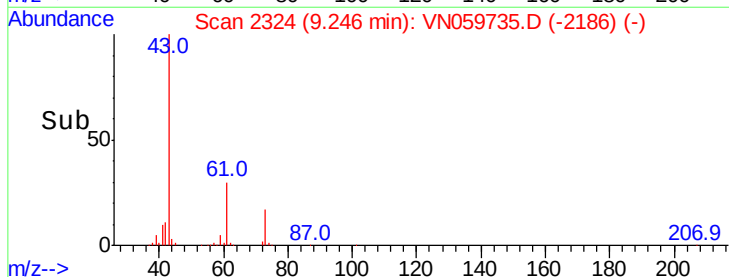
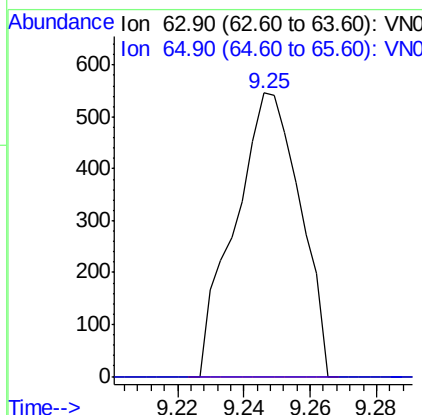
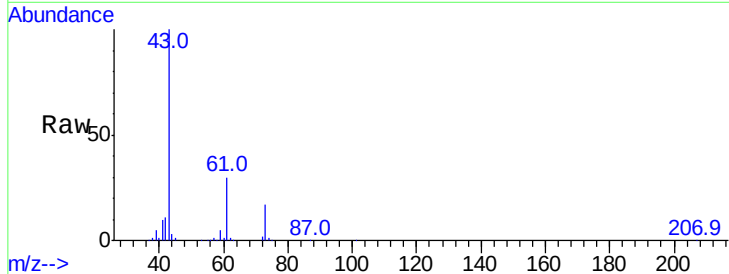




#45
 1,2-Dichloropropane
 Concen: 0.405 ug/l
 RT: 9.25 min Scan# 2324
 Delta R.T. 0.14 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

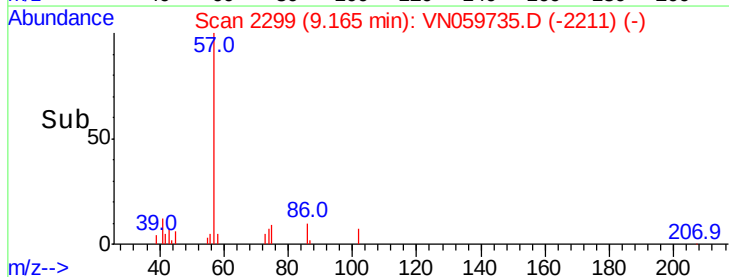
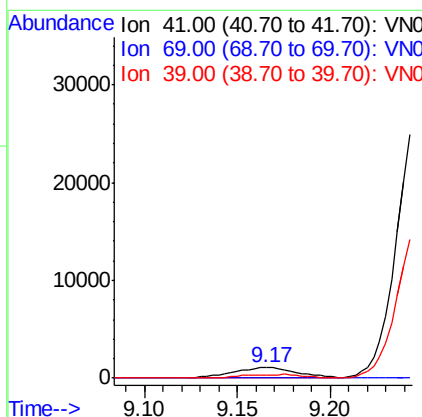
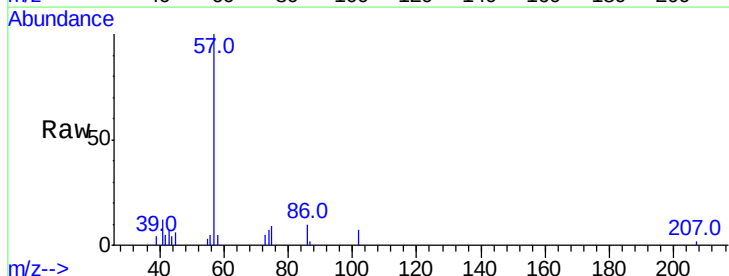
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-011520

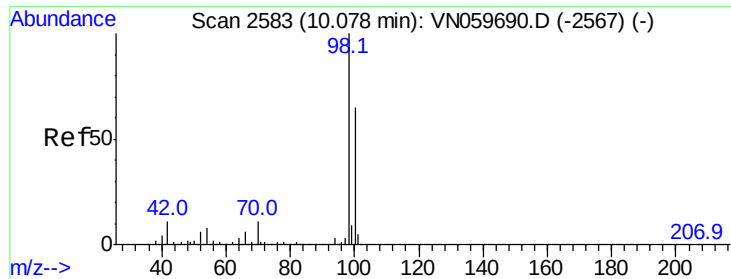
Tgt Ion: 63 Resp: 743
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3#



#48
 Methyl methacrylate
 Concen: 1.454 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

Tgt Ion: 41 Resp: 2611
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.4 96.6#
 39 0.0 51.3 76.9#





#50

Toluene-d8

Concen: 49.543 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

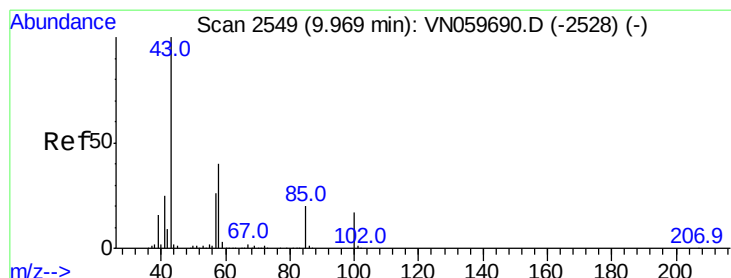
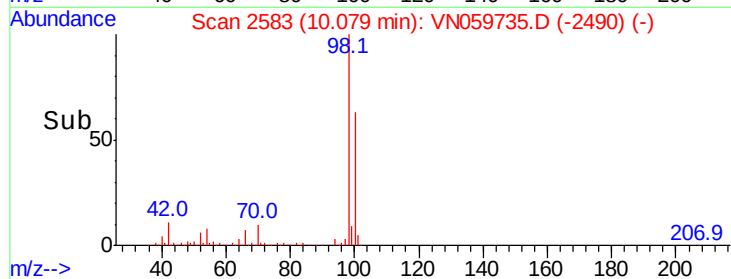
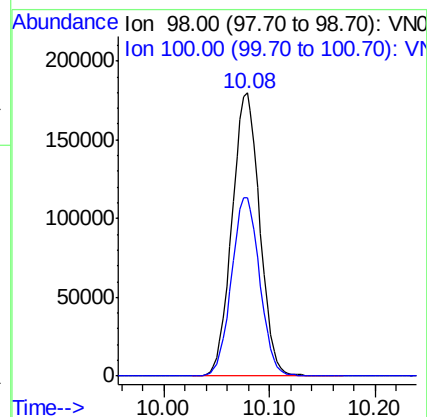
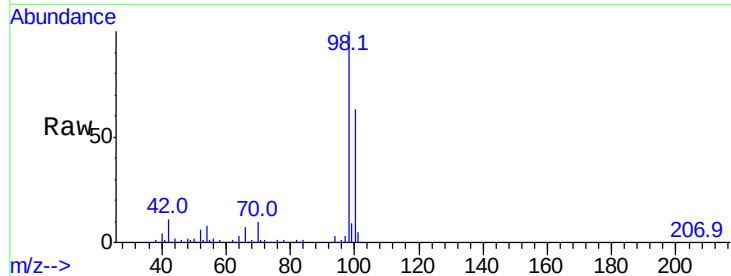
SU-03-011520

Tgt Ion: 98 Resp: 327089

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.218 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059735.D

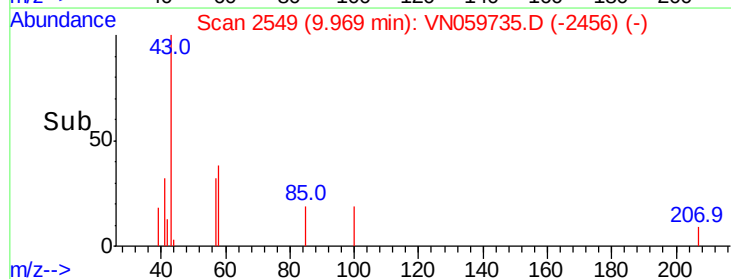
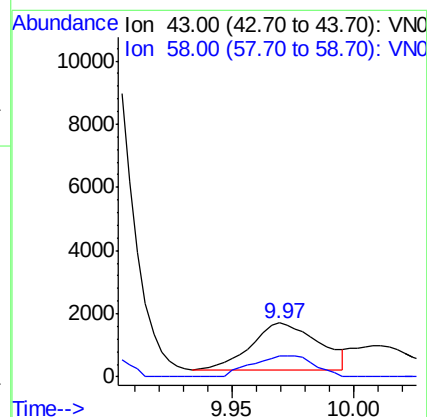
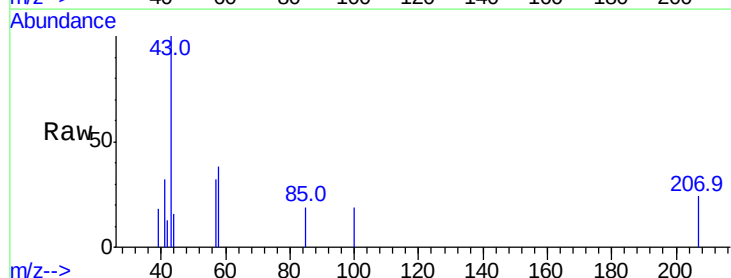
Acq: 16 Jan 2020 16:28

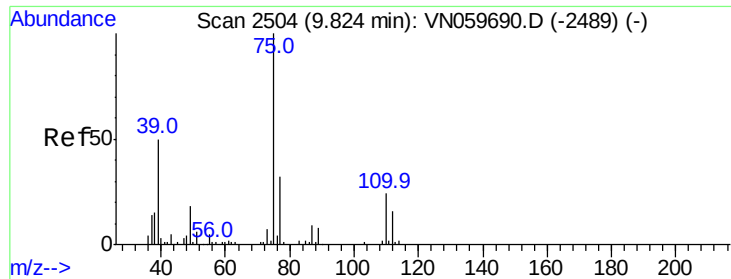
Tgt Ion: 43 Resp: 2826

Ion Ratio Lower Upper

43 100

58 42.0 29.8 44.8

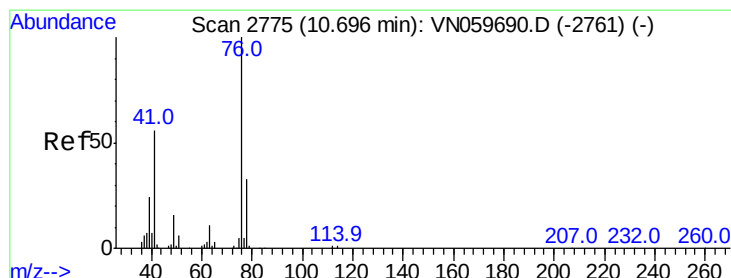
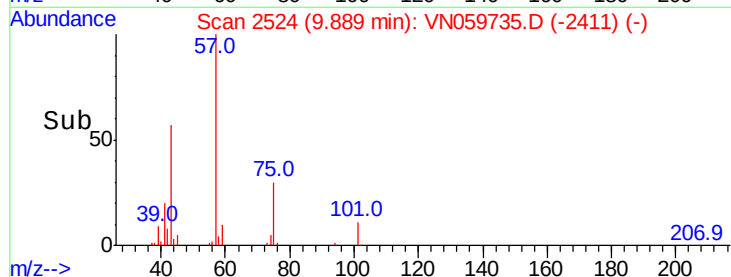
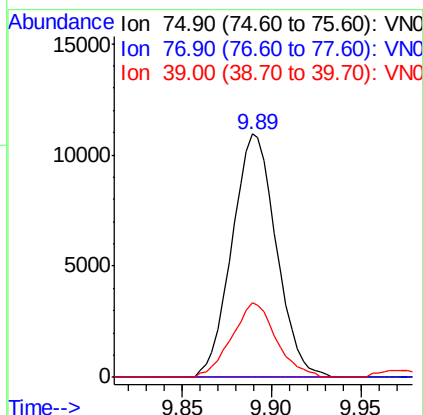
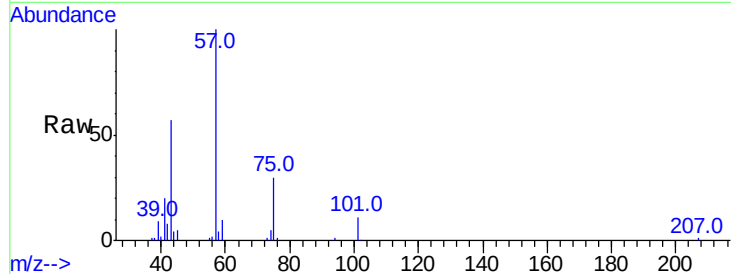




#54
 cis-1,3-Dichloropropene
 Concen: 6.171 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

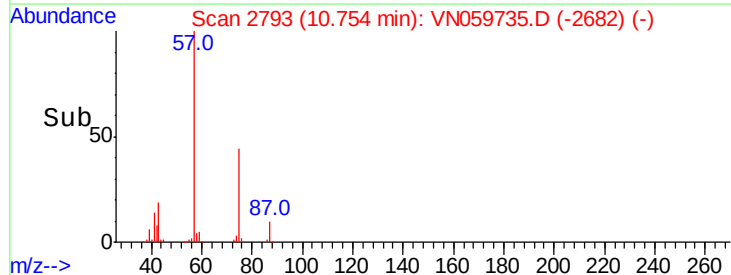
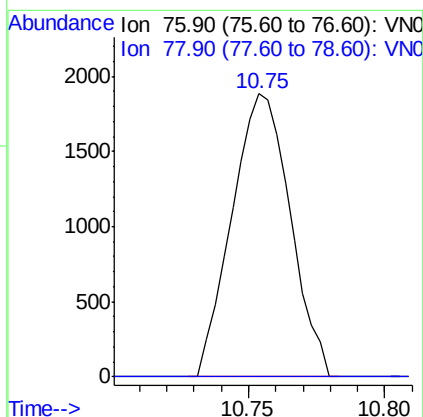
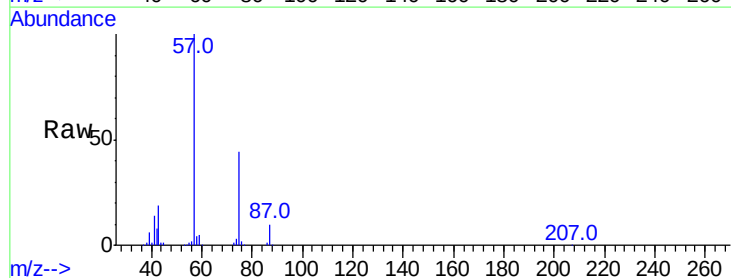
Instrument :
 MSVOA_N
 ClientSampled :
 SU-03-011520

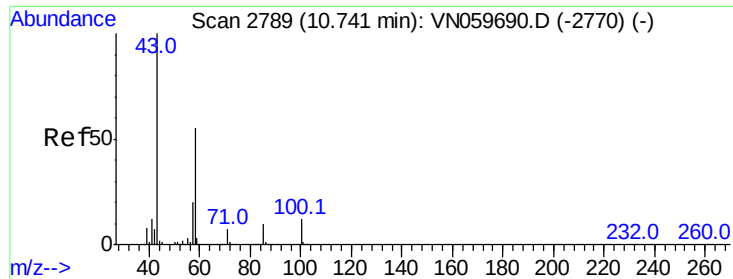
Tgt Ion: 75 Resp: 18926
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 30.6 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 0.947 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

Tgt Ion: 76 Resp: 2790
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

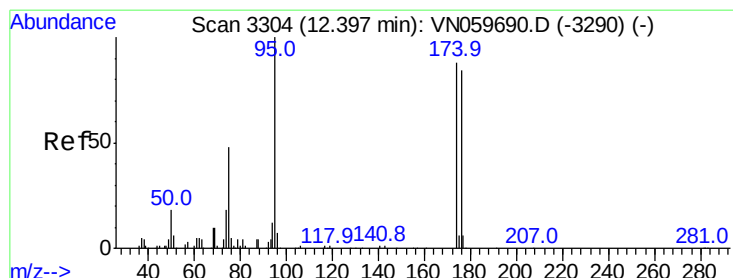
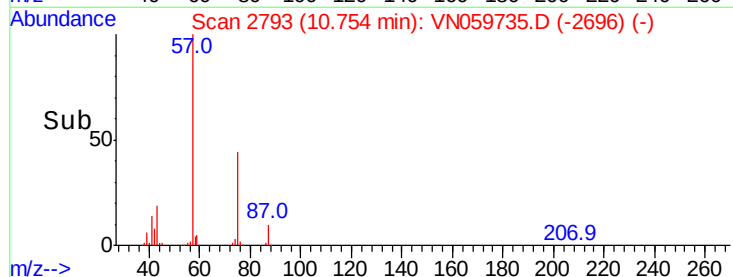
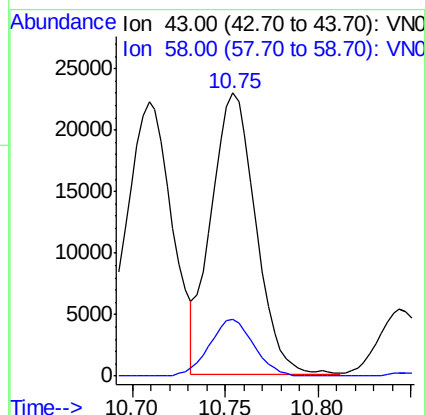
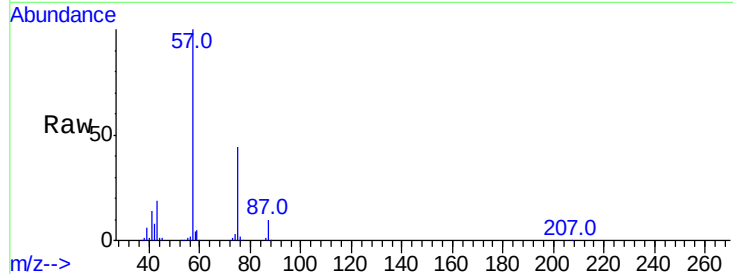




#59
2-Hexanone
Concen: 22.322 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

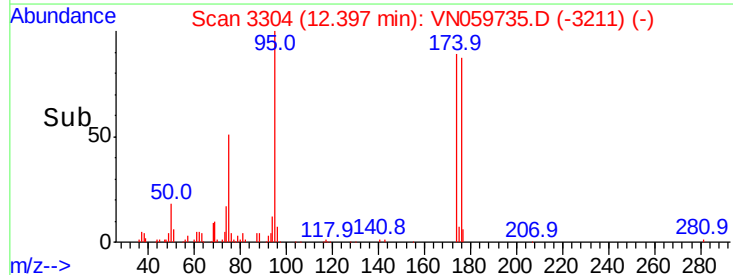
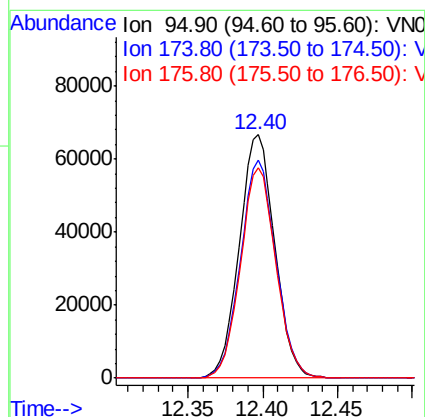
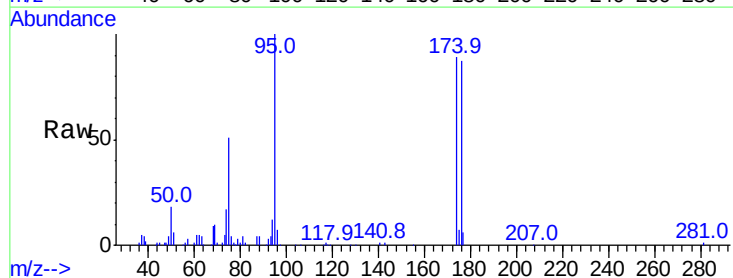
Instrument :
MSVOA_N
ClientSampled :
SU-03-011520

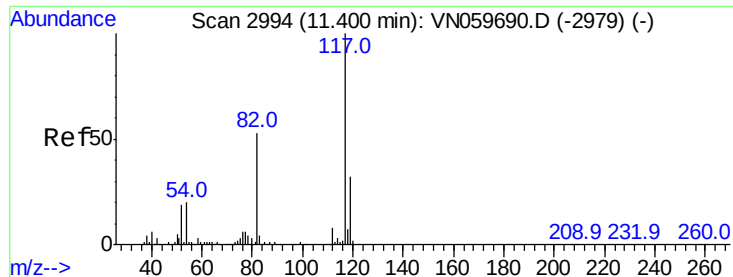
Tgt Ion: 43 Resp: 38161
Ion Ratio Lower Upper
43 100
58 20.1 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 46.344 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion: 95 Resp: 110300
Ion Ratio Lower Upper
95 100
174 89.5 0.0 151.4
176 86.2 0.0 146.0

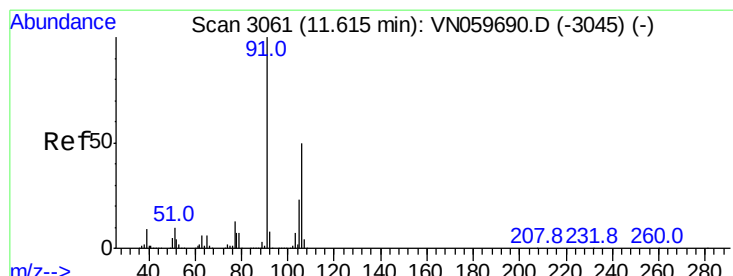
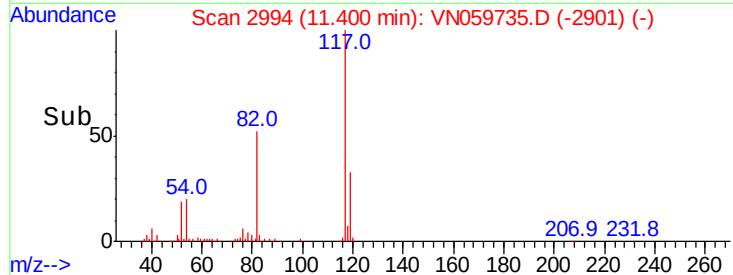
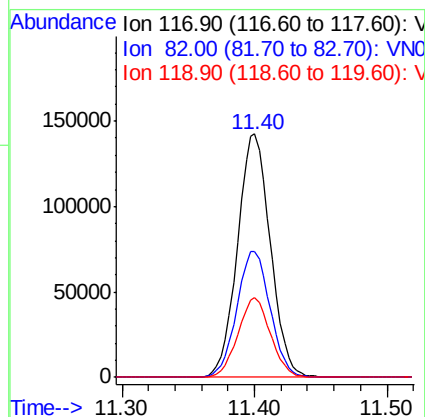
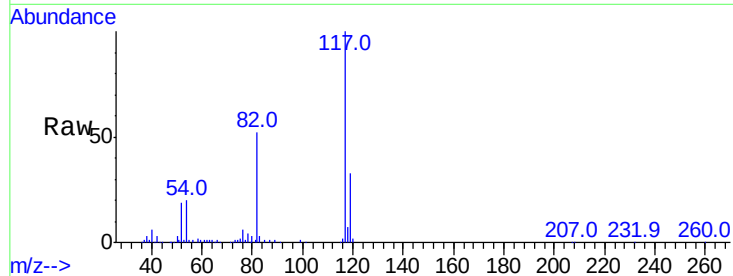




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

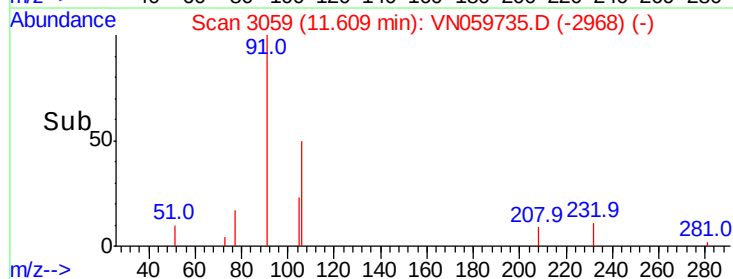
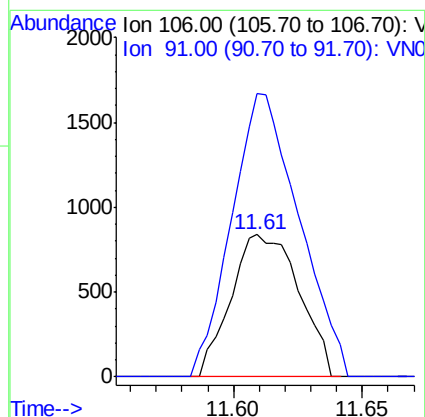
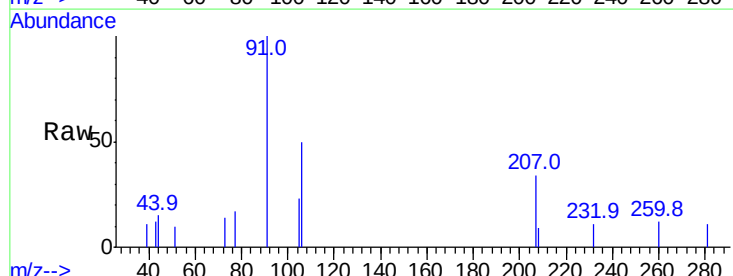
Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

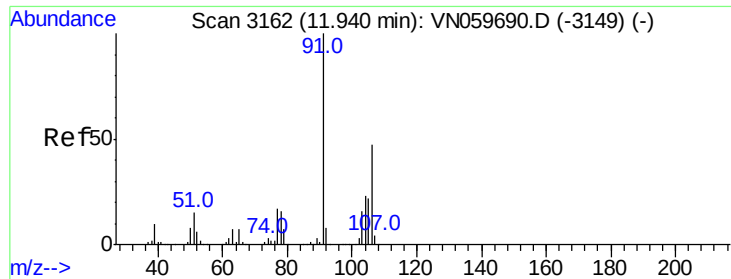
Tgt Ion:117 Resp: 245322
Ion Ratio Lower Upper
117 100
82 51.9 45.9 68.9
119 32.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.467 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion:106 Resp: 1545
Ion Ratio Lower Upper
106 100
91 196.9 167.9 251.9

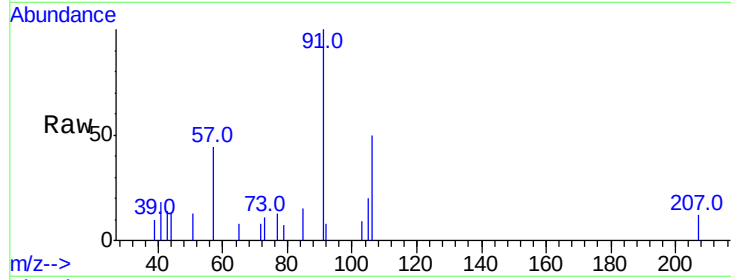




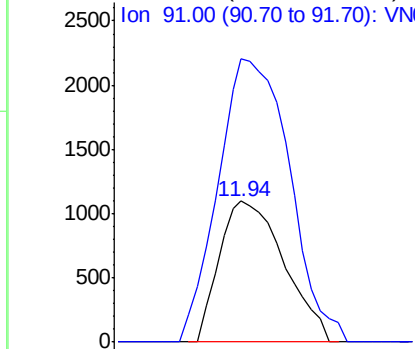
#69
o-Xylene
Concen: 0.559 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

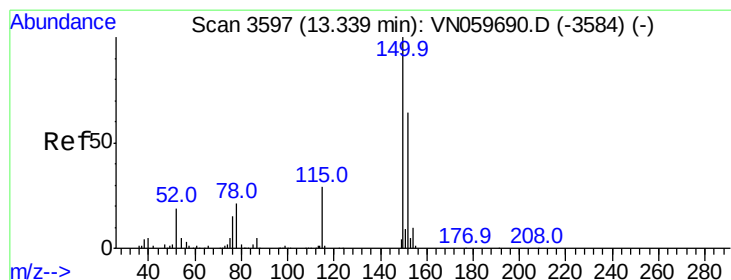
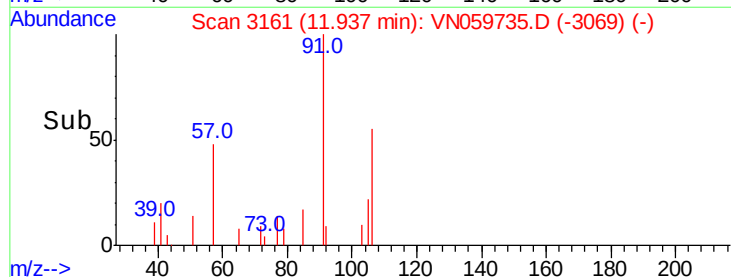
Tgt Ion:106 Resp: 1809
Ion Ratio Lower Upper
106 100
91 221.7 110.3 330.9



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

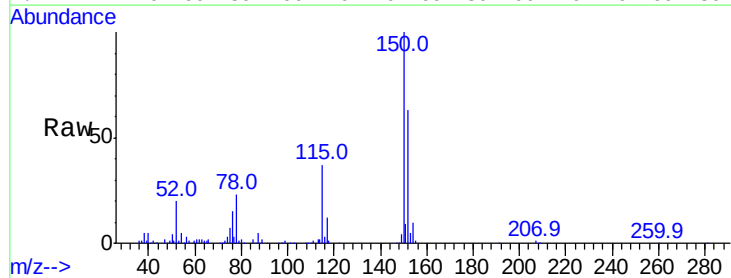


Time-->

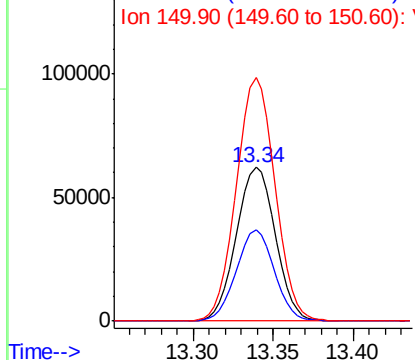


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

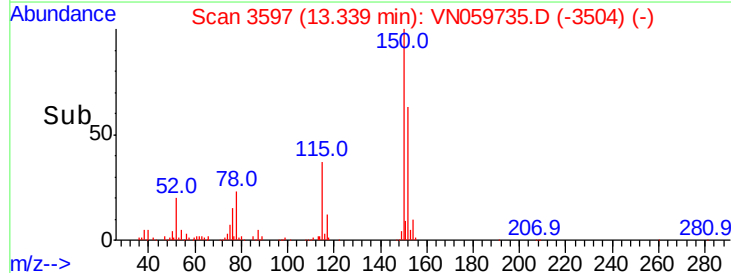
Tgt Ion:152 Resp: 103829
Ion Ratio Lower Upper
152 100
115 57.8 30.3 90.9
150 156.9 0.0 345.2

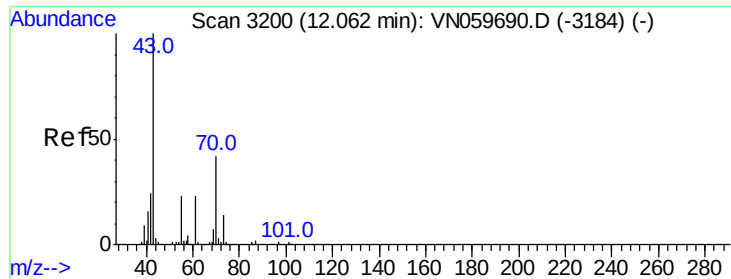


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#74

N-ethyl acetate

Concen: 0.823 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

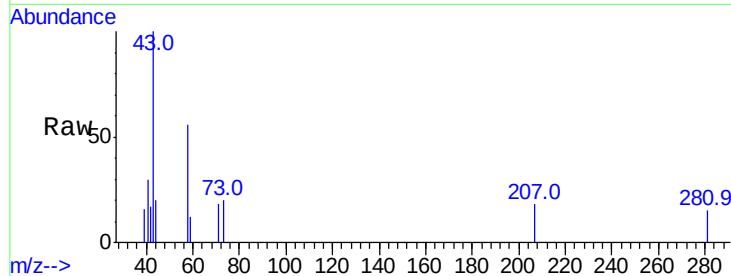
Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion: 43 Resp: 2432

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#



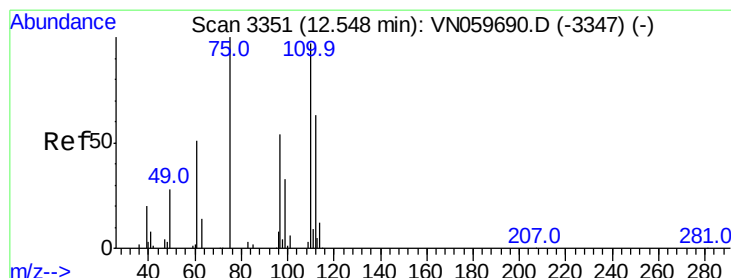
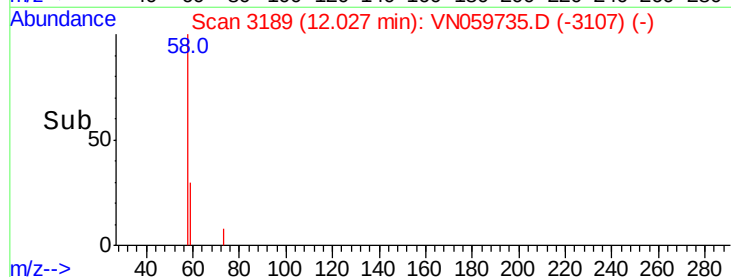
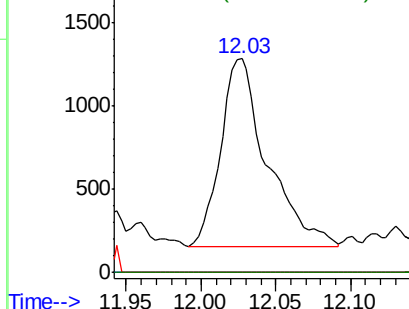
Abundance

Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 32.215 ug/l

RT: 12.40 min Scan# 3304

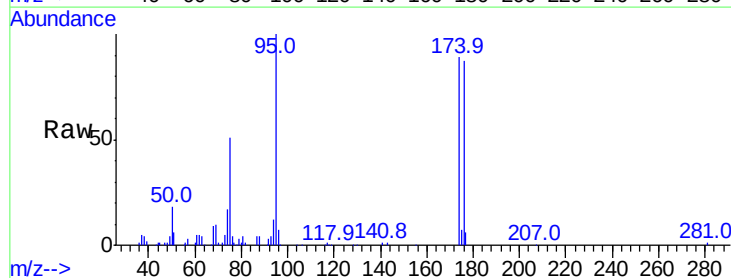
Delta R.T. -0.15 min

Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Tgt Ion: 75 Resp: 56290

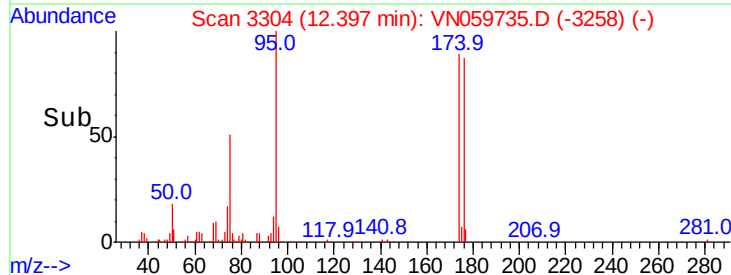
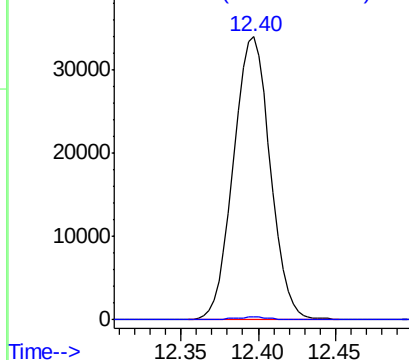
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

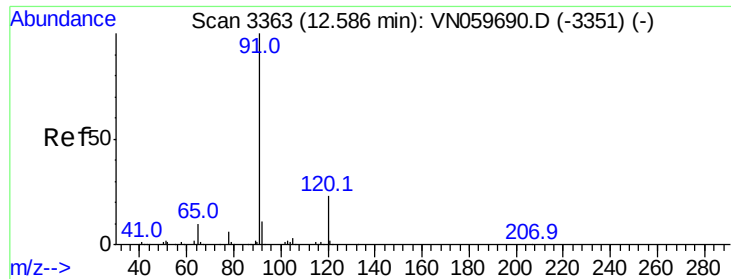


Abundance

Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#78

n-propylbenzene

Concen: 0.216 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

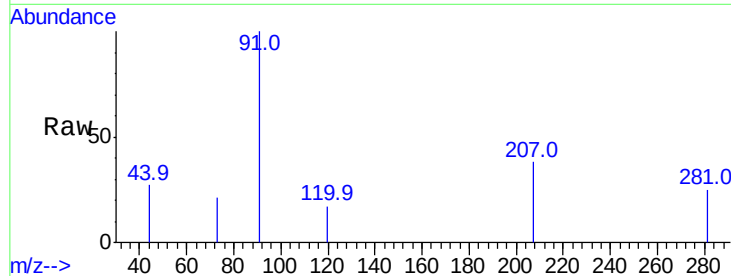
SU-03-011520

Tgt Ion: 91 Resp: 1842

Ion Ratio Lower Upper

91 100

120 14.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

1200

1000

800

600

400

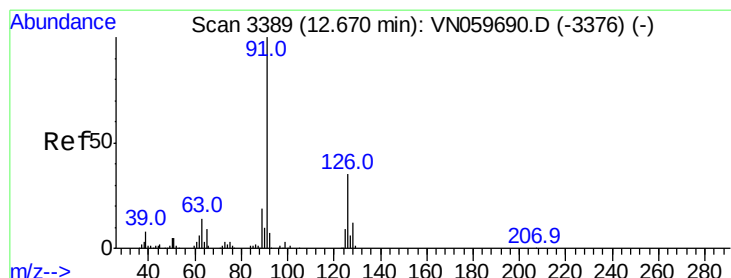
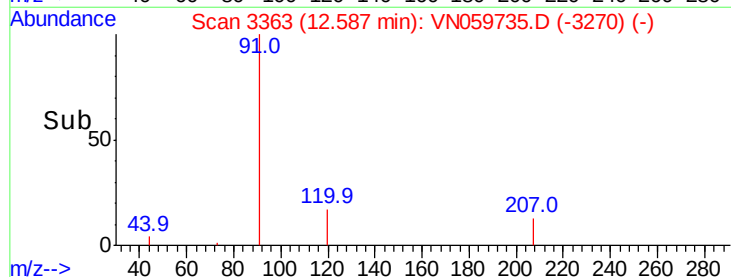
200

0

12.55

12.60

Time-->



#79

2-Chlorotoluene

Concen: 0.240 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN059735.D

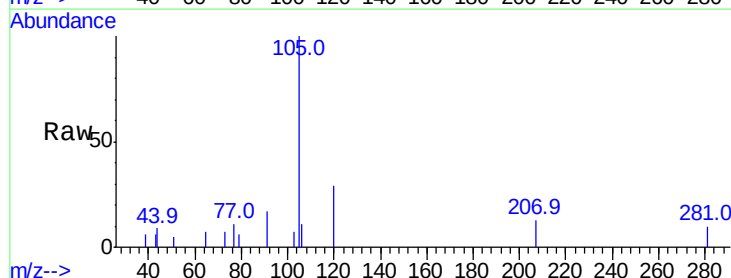
Acq: 16 Jan 2020 16:28

Tgt Ion: 91 Resp: 1220

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

800

600

400

200

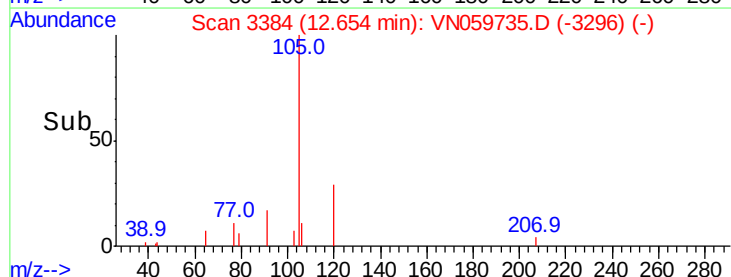
0

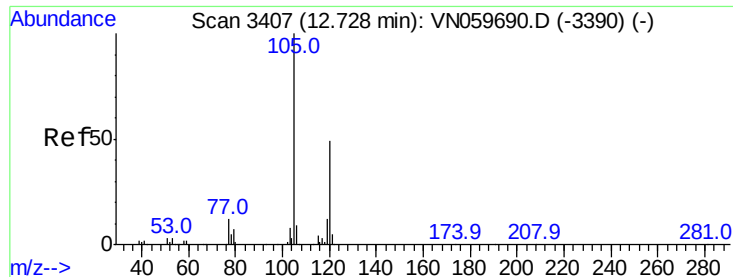
12.60

12.65

12.70

Time-->

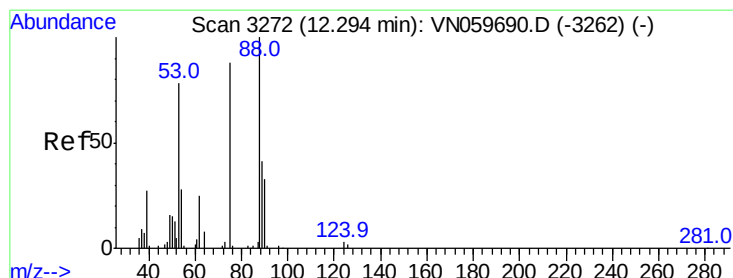
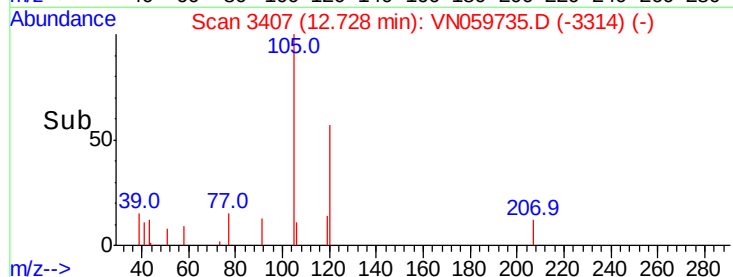
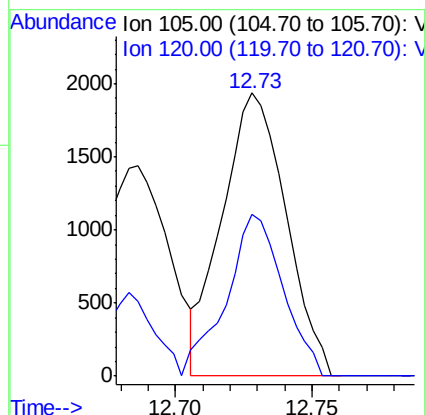
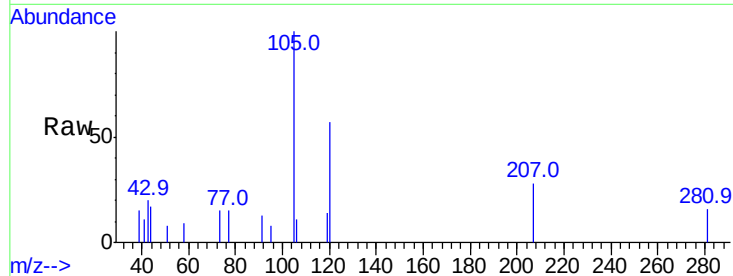




#80
 1,3,5-Trimethylbenzene
 Concen: 0.493 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

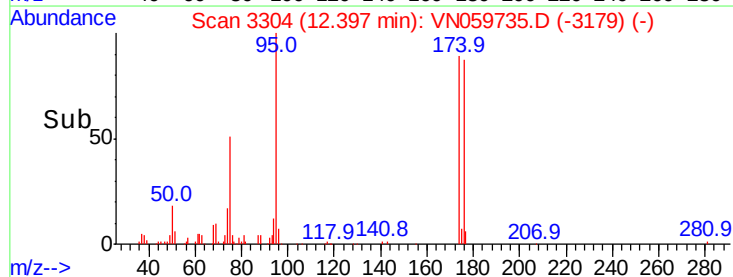
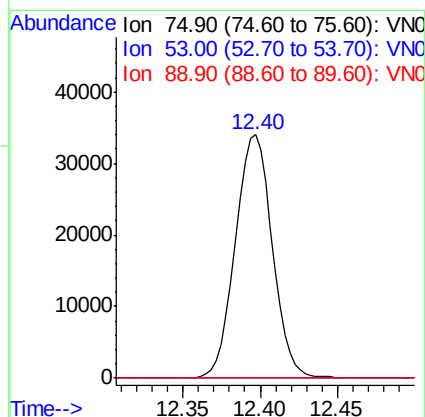
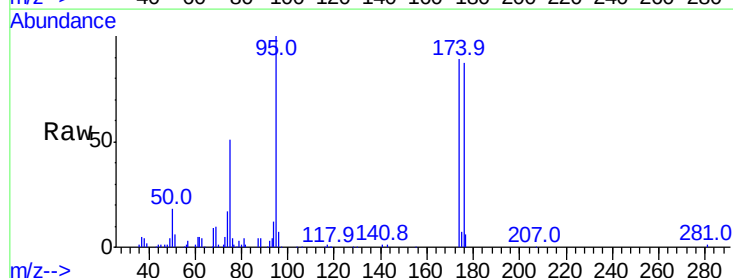
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-011520

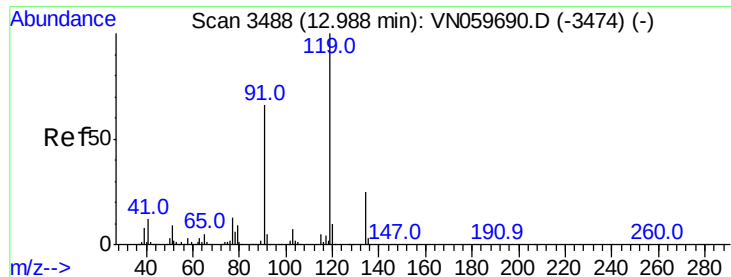
Tgt Ion: 105 Resp: 3155
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.181 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

Tgt Ion: 75 Resp: 56290
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#





#83

tert-Butylbenzene

Concen: 0.306 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

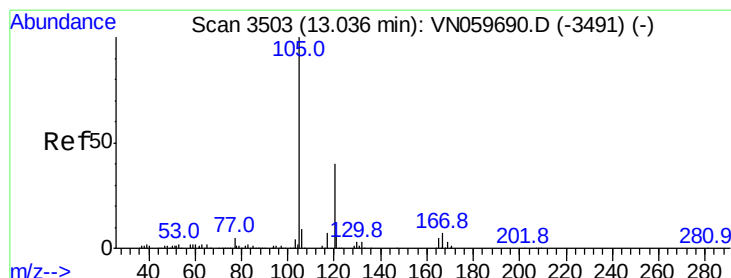
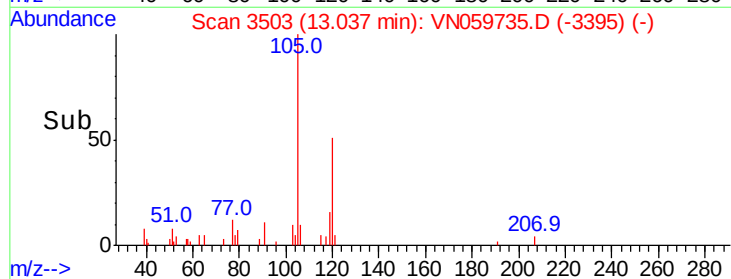
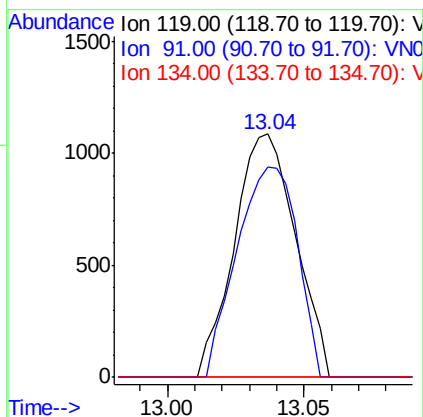
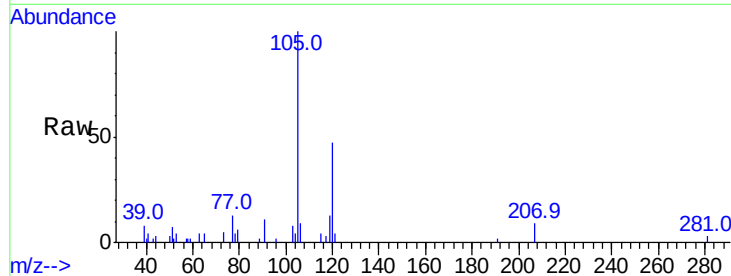
Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampled :
SU-03-011520

Tgt Ion:119 Resp: 1693

Ion	Ratio	Lower	Upper
119	100		
91	85.4	34.8	104.4
134	0.0	12.3	36.9#



#84

1,2,4-Trimethylbenzene

Concen: 2.108 ug/l

RT: 13.04 min Scan# 3503

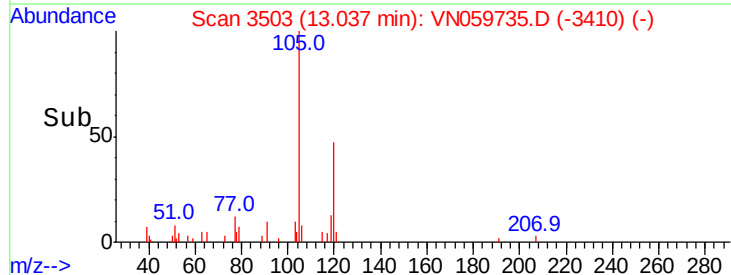
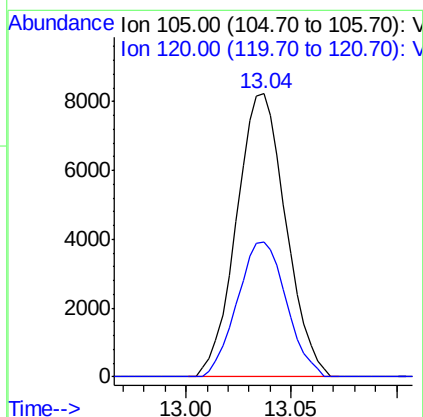
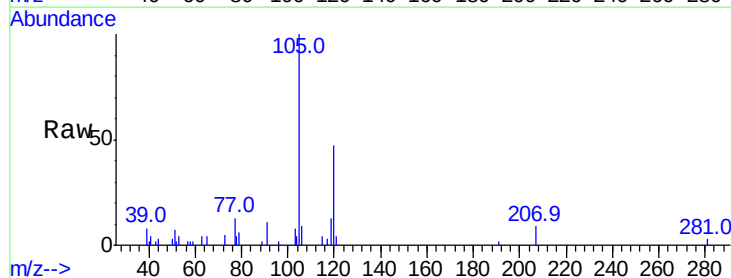
Delta R.T. 0.00 min

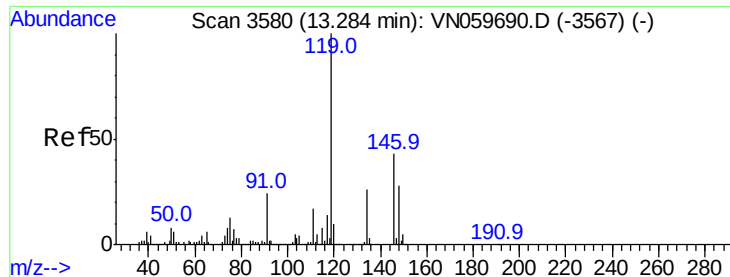
Lab File: VN059735.D

Acq: 16 Jan 2020 16:28

Tgt Ion:105 Resp: 13353

Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.3	66.9

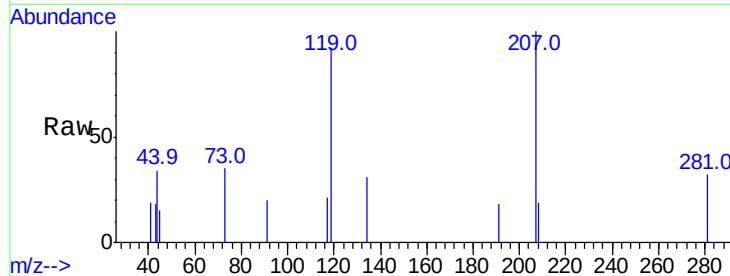




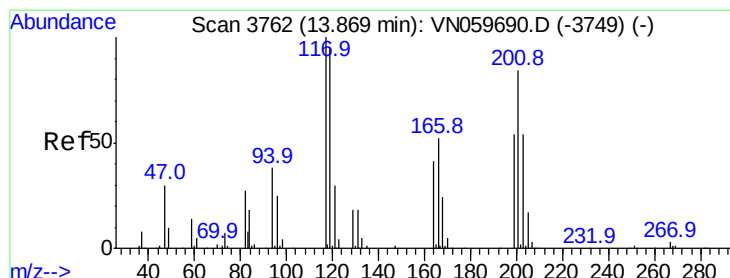
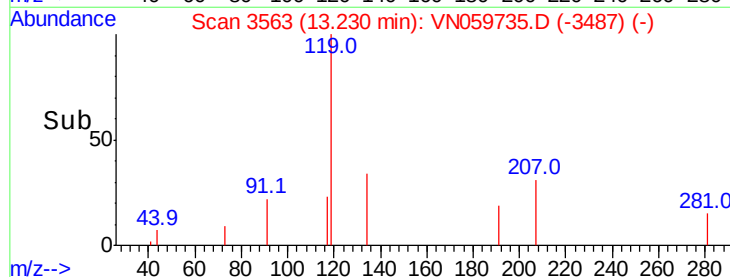
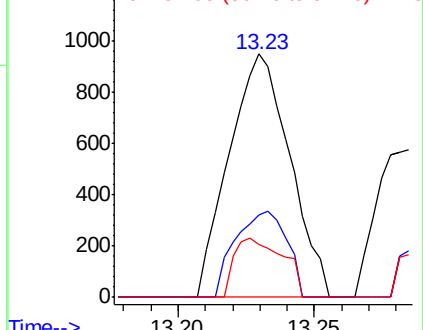
#86
p-Isopropyltoluene
Concen: 0.218 ug/l
RT: 13.23 min Scan# 3563
Delta R.T. -0.05 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion:119 Resp: 1468
Ion Ratio Lower Upper
119 100
134 29.8 12.9 38.7
91 19.5 12.4 37.4

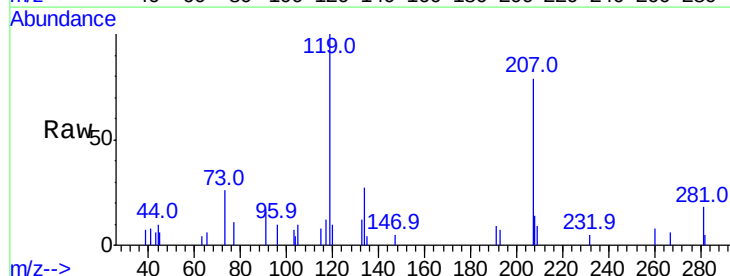


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

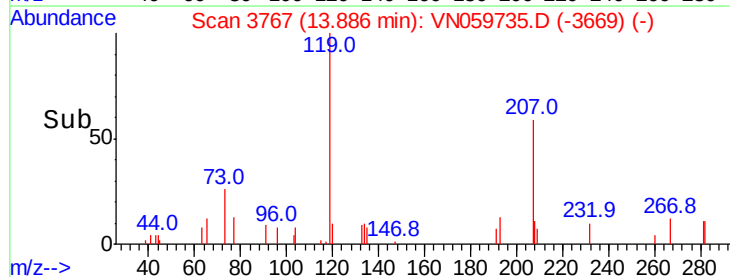
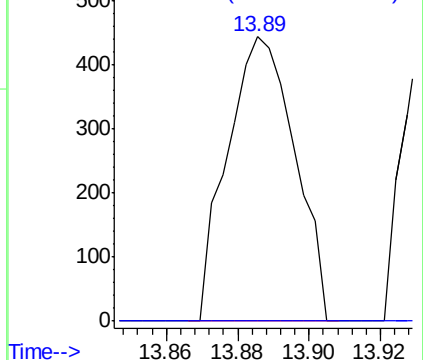


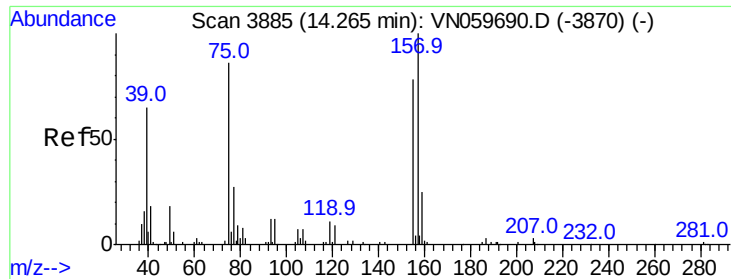
#90
Hexachloroethane
Concen: 0.458 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion:117 Resp: 577
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

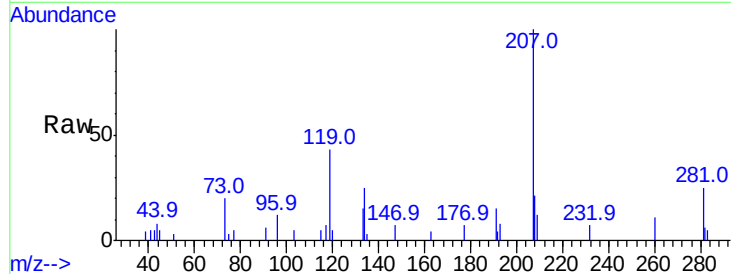




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

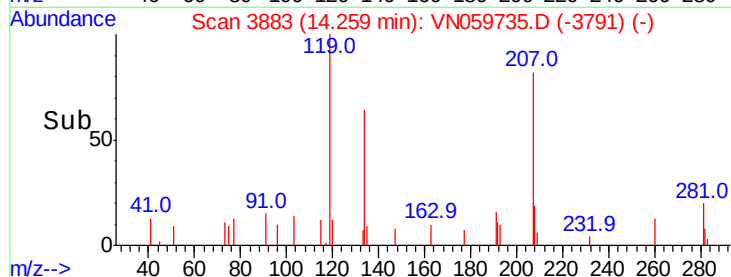
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-011520

Tgt Ion: 75 Resp: 29
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.0 110.9#
 157 0.0 48.4 145.2#

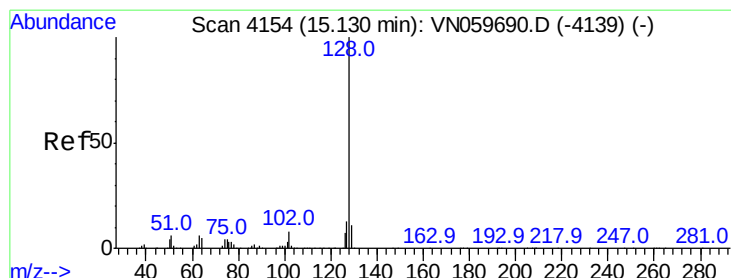


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

14.26

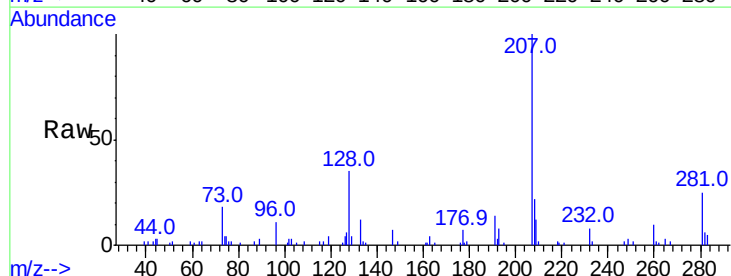


Time-->



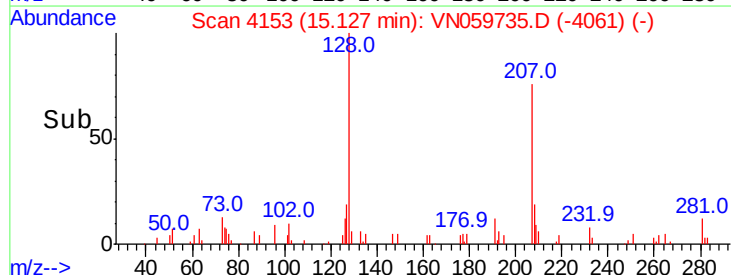
#95
 Naphthalene
 Concen: 1.578 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN059735.D
 Acq: 16 Jan 2020 16:28

Tgt Ion: 128 Resp: 8933
 Ion Ratio Lower Upper
 128 100
 127 14.7 10.4 15.6
 129 11.1 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

15.13



Time-->