

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059432.D
 Acq On : 27 Nov 2019 19:31
 Operator : JC/SP
 Sample : PB125140TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 29 03:02:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	332534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	507603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	188578	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.57	113	152820	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.08	98	620315	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	204884	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.73	59	360	0.533	ug/l #	85
13) Acrolein	3.59	56	185	0.281	ug/l	100
16) Acetone	3.80	43	7137	3.846	ug/l	100
17) Carbon Disulfide	4.03	76	3198	0.282	ug/l #	75
18) Methyl Acetate	4.30	43	4612	0.913	ug/l #	87
20) Methylene Chloride	4.53	84	7468	1.981	ug/l	88
25) 2-Butanone	6.84	43	1426	0.559	ug/l #	89
29) Tetrahydrofuran	7.20	42	1015	0.598	ug/l #	38
31) Cyclohexane	7.65	56	6000	0.914	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	24069	4.931	ug/l #	49
38) Carbon Tetrachloride	7.64	117	30370	6.593	ug/l #	16
41) Methacrylonitrile	7.19	41	499	0.207	ug/l #	100
43) Isopropyl Acetate	8.15	43	84448	10.763	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1988	0.524	ug/l #	44
48) Methyl methacrylate	9.17	41	5025	1.444	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	5351	1.176	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	37349	6.363	ug/l #	64
56) Ethyl methacrylate	10.54	69	1126	Below Cal	#	1
57) 1,3-Dichloropropane	10.76	76	6566	1.121	ug/l #	43
59) 2-Hexanone	10.76	43	90759	26.895	ug/l #	52
70) Styrene	11.96	104	927	Below Cal	#	86
71) Bromoform	12.40	173	799	0.314	ug/l #	1
74) N-ethyl acetate	12.03	43	2583	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	99592	25.044	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	9888	0.903	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	99592	64.351	ug/l #	17
87) 1,3-Dichlorobenzene	13.29	146	1384	0.245	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	1384	0.244	ug/l	99
89) n-Butylbenzene	13.62	91	3053	0.310	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	1463	0.264	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.28	75	943	Below Cal	#	10
93) 1,2,4-Trichlorobenzene	14.92	180	3027	0.880	ug/l	93
94) Hexachlorobutadiene	15.02	225	755	0.358	ug/l	82
95) Naphthalene	15.13	128	14396	Below Cal		99

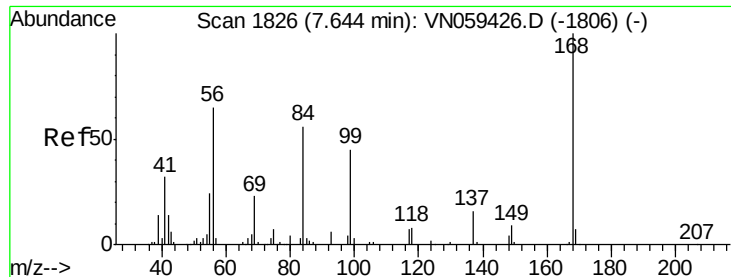
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
Data File : VN059432.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:56:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.30	180	3485	Below Cal		88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

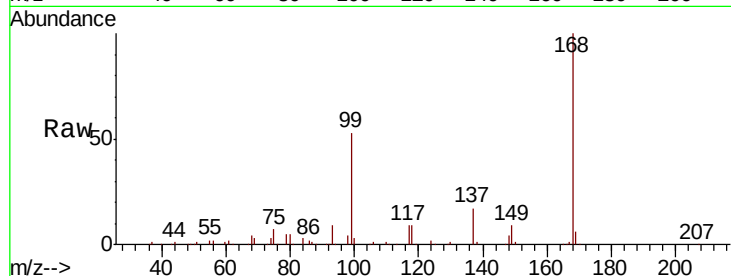
ClientSampled :

Tot Ion:168 Resp: 332534

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

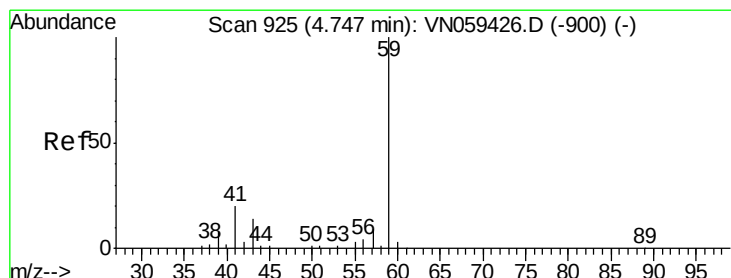
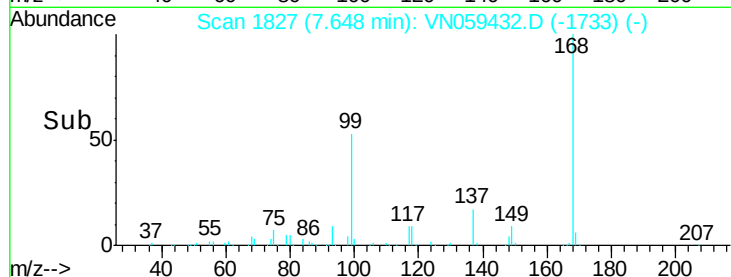
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.533 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.02 min

Lab File: VN059432.D

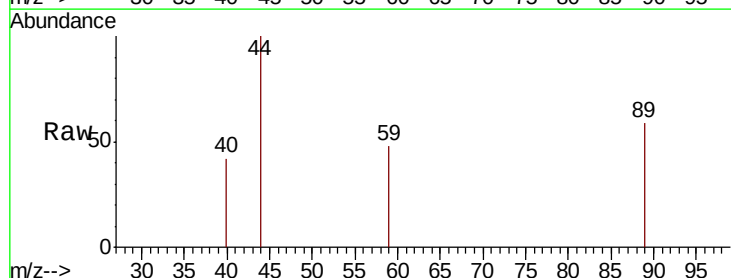
Acq: 27 Nov 2019 19:31

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

59 100

57 0.0 3.8 5.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

300

250

200

150

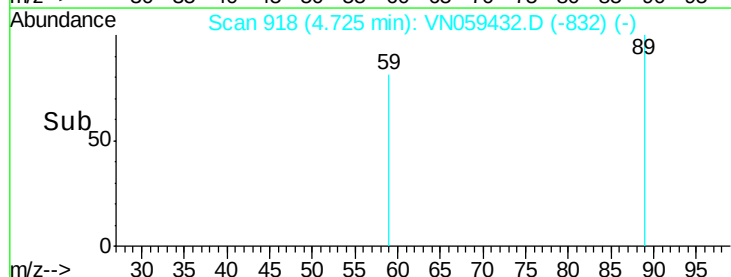
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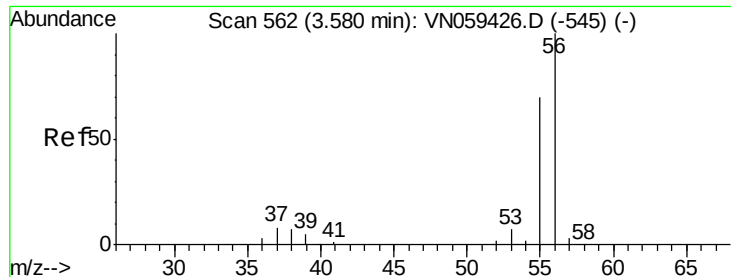
50

0

4.70 4.72 4.74

Time-->





#13

Acrolein

Concen: 0.281 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

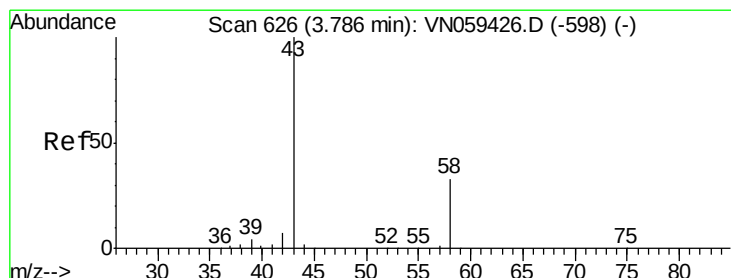
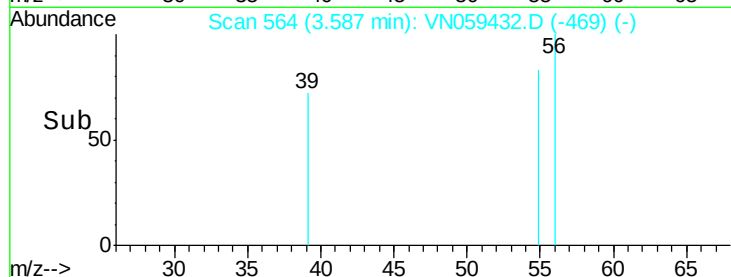
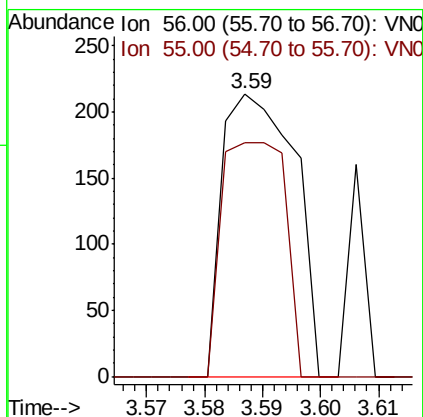
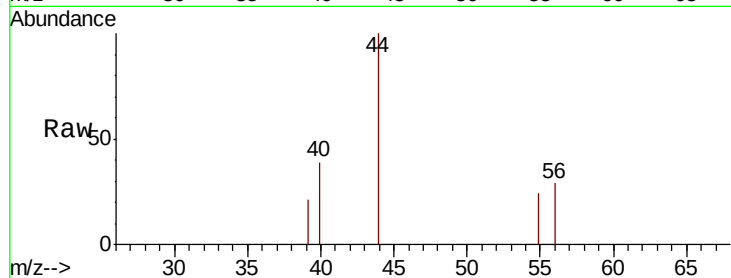
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 72.4 57.8 86.6



#16

Acetone

Concen: 3.846 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059432.D

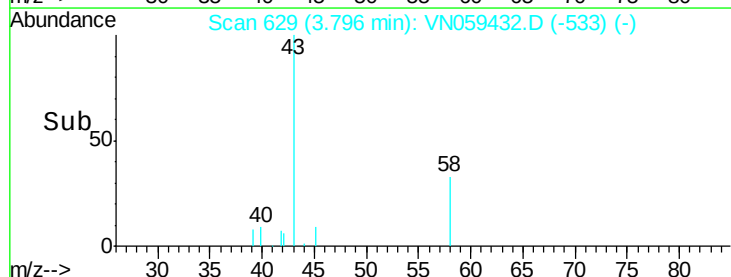
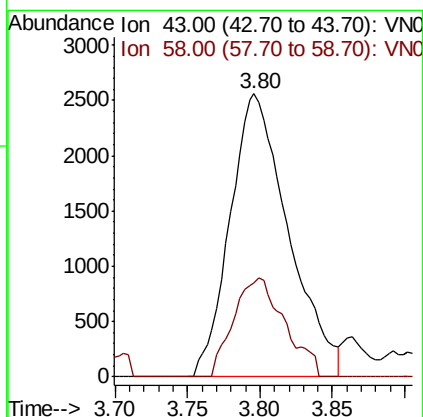
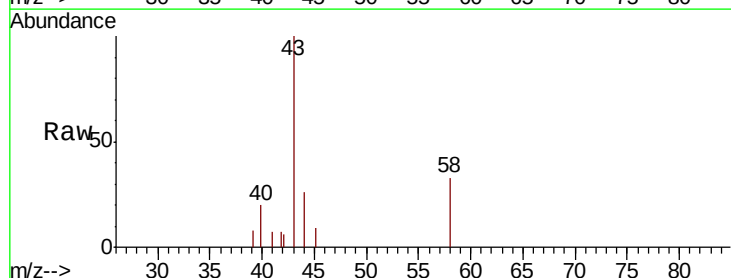
Acq: 27 Nov 2019 19:31

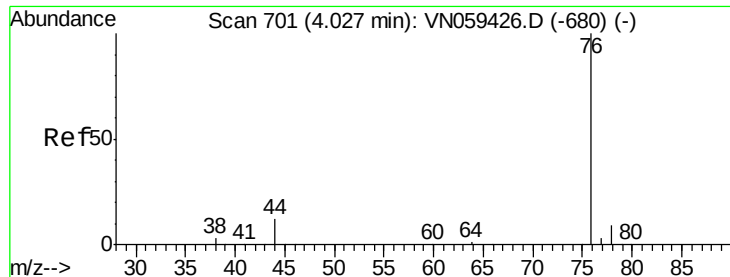
Tgt Ion: 43 Resp: 7137

Ion Ratio Lower Upper

43 100

58 33.4 26.6 39.8

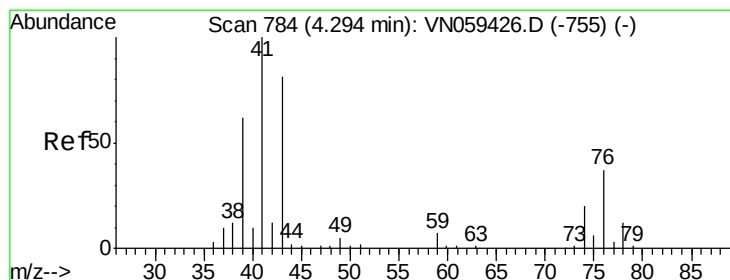
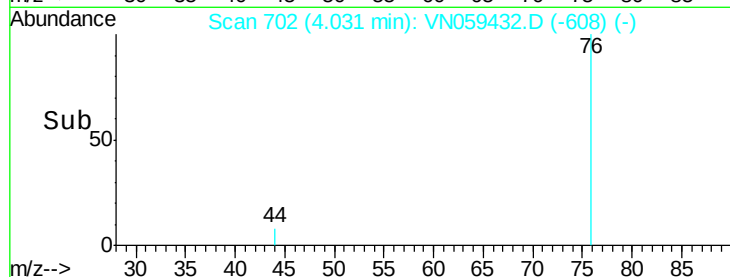
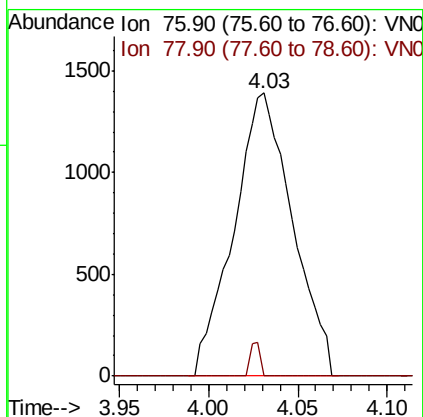
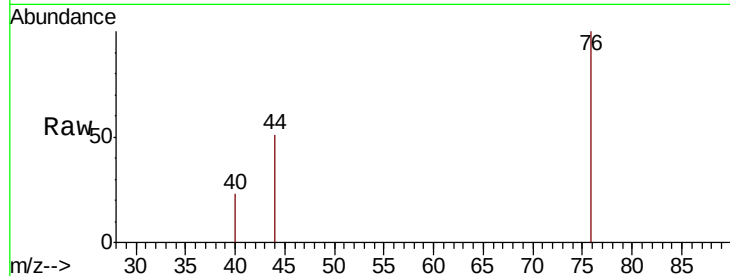




#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

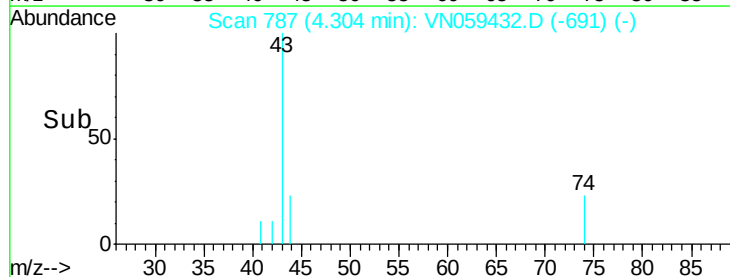
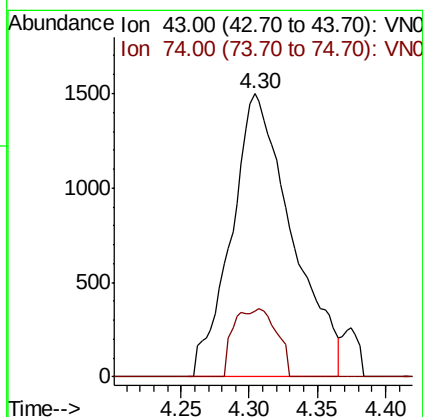
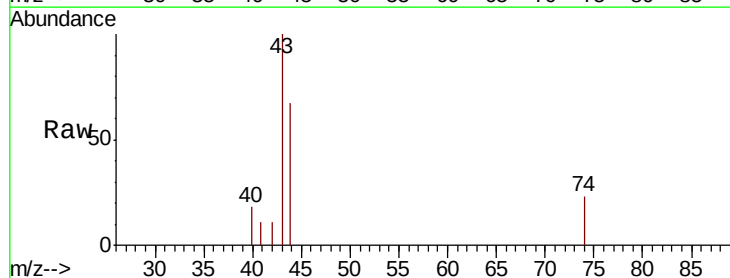
Instrument :
MSVOA_N
ClientSampled :

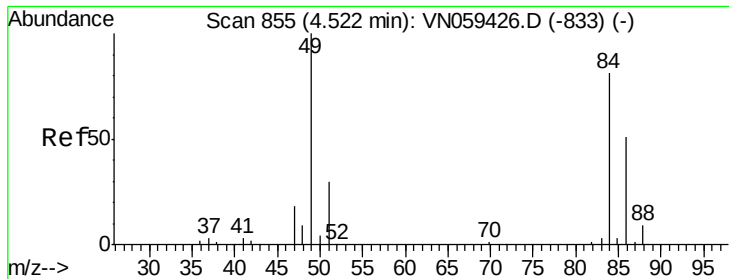
Tot Ion: 76 Resp: 3198
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.913 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion: 43 Resp: 4612
Ion Ratio Lower Upper
43 100
74 17.0 18.6 28.0#

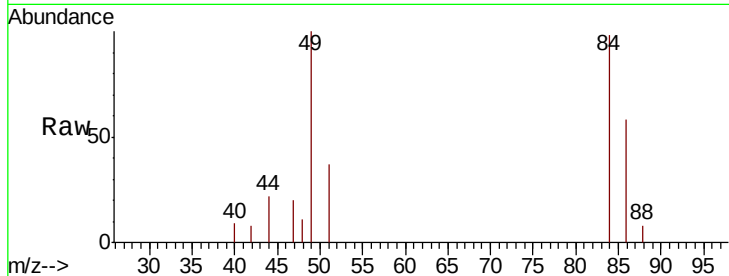




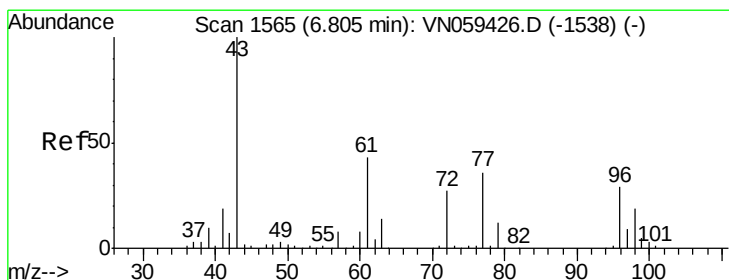
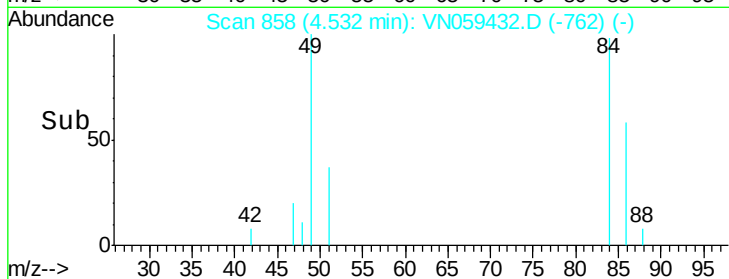
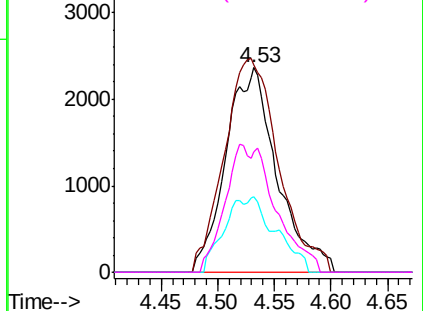
#20
Methvlene Chloride
Concen: 1.981 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	7468
Ion	Ratio	Lower	Upper
84	100		
49	101.7	98.6	148.0
51	37.2	29.4	44.0
86	58.7	50.6	76.0

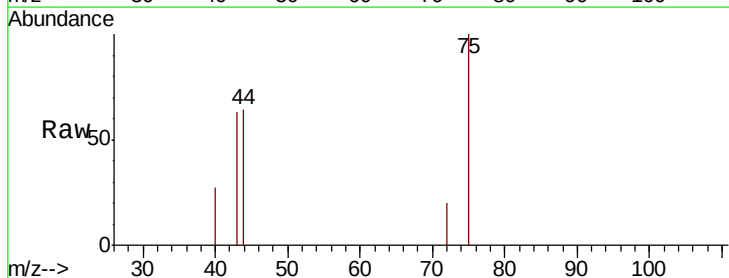


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

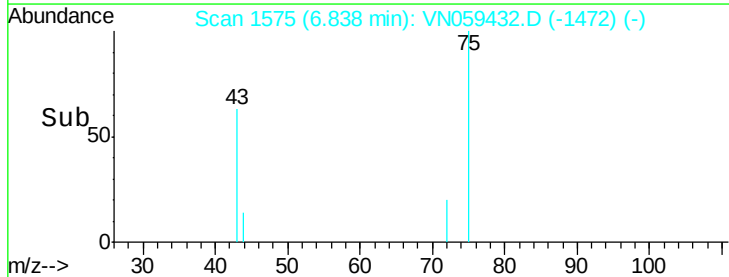
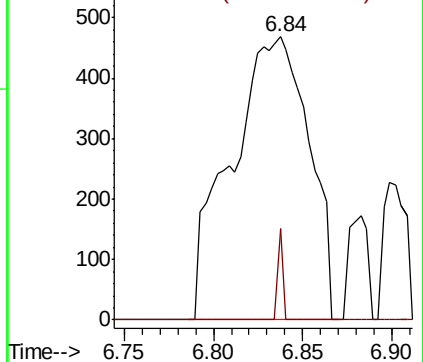


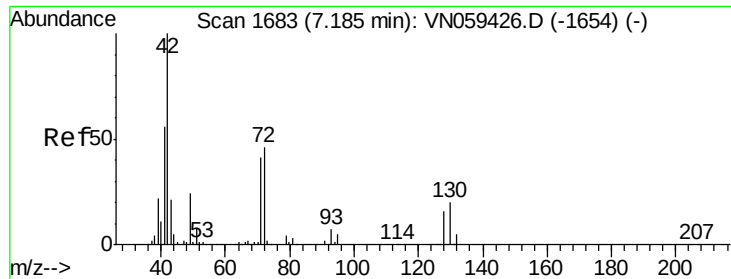
#25
2-Butanone
Concen: 0.559 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.03 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion:	43	Resp:	1426
Ion	Ratio	Lower	Upper
43	100		
72	32.5	21.4	32.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

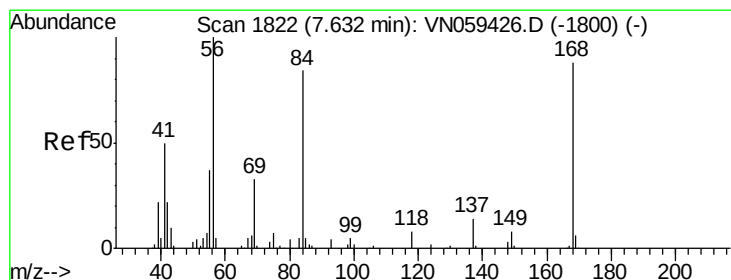
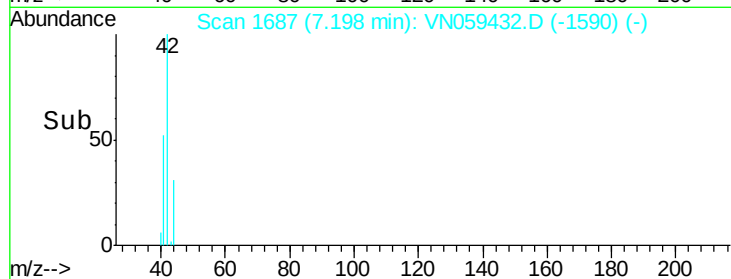
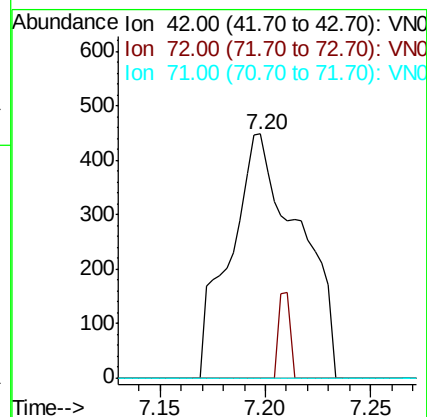
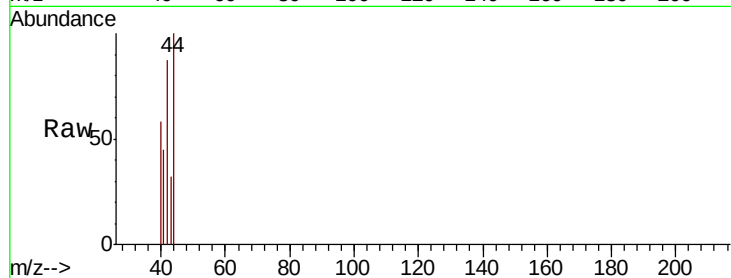




#29
Tetrahydrofuran
Concen: 0.598 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

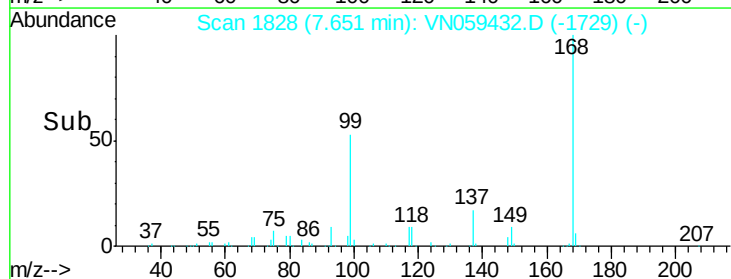
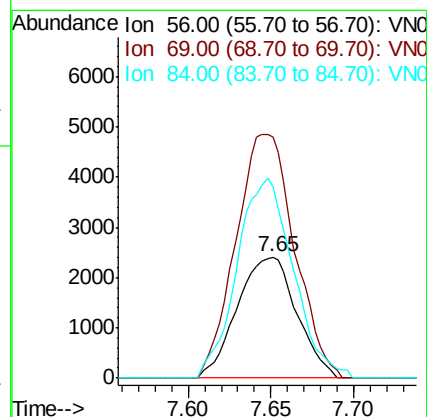
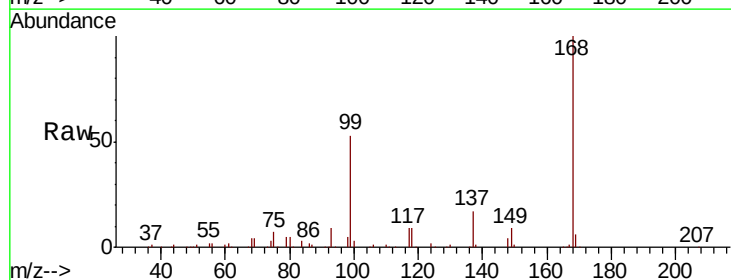
Instrument :
MSVOA_N
ClientSampleId :

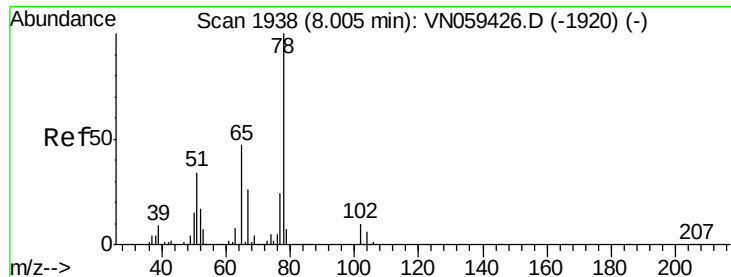
Tot Ion: 42 Resp: 1015
Ion Ratio Lower Upper
42 100
72 5.9 34.6 51.8#
71 0.0 33.0 49.6#



#31
Cyclohexane
Concen: 0.914 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion: 56 Resp: 6000
Ion Ratio Lower Upper
56 100
69 198.2 26.4 39.6#
84 157.5 67.0 100.6#

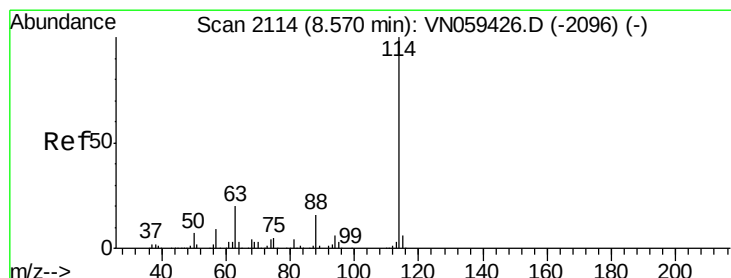
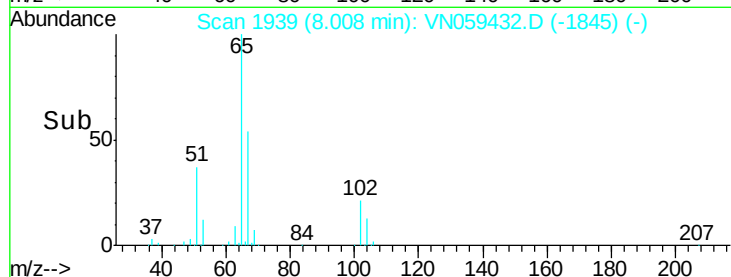
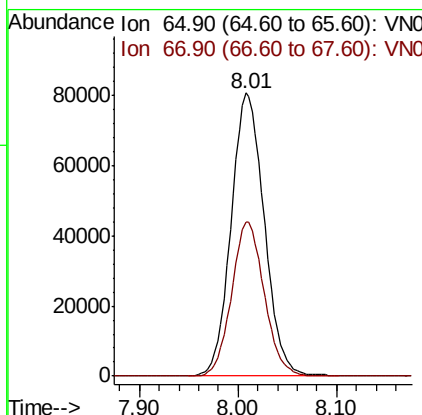
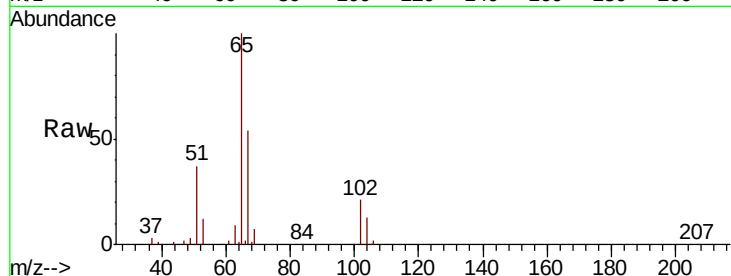




#33
 1,2-Dichloroethane-d4
 Concen: 48.412 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

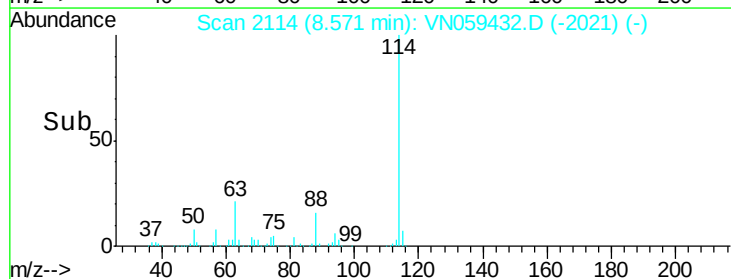
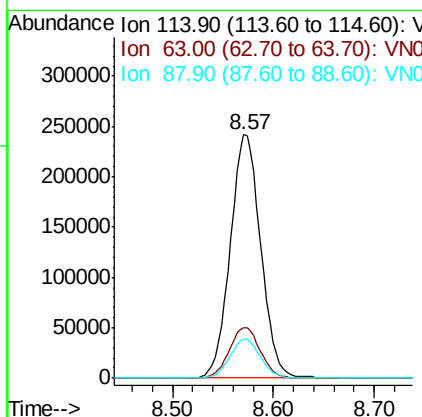
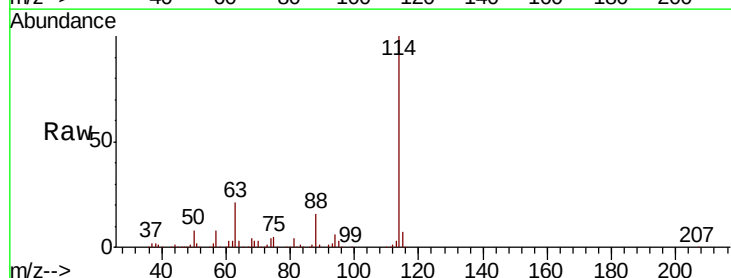
Instrument :
 MSVOA_N
 ClientSampleId :

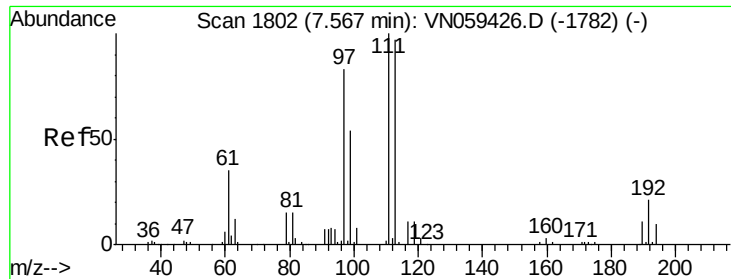
Tot Ion: 65 Resp: 188578
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion: 114 Resp: 507603
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.9 0.0 32.2

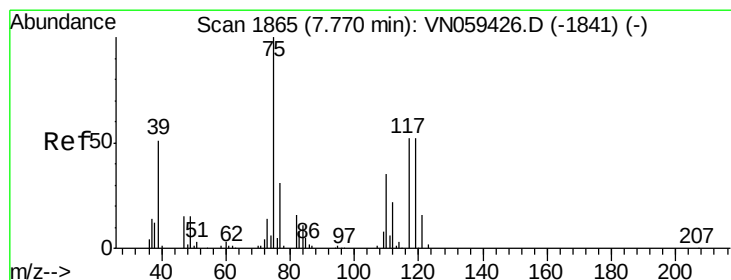
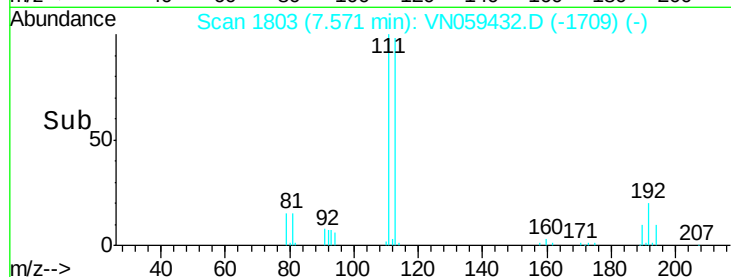
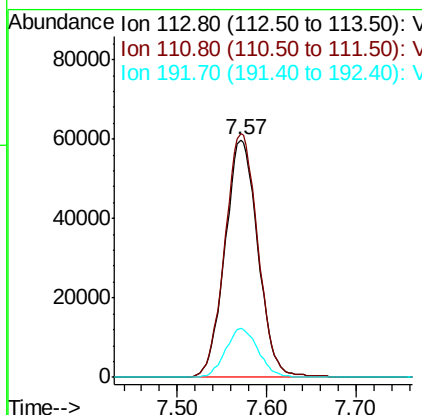
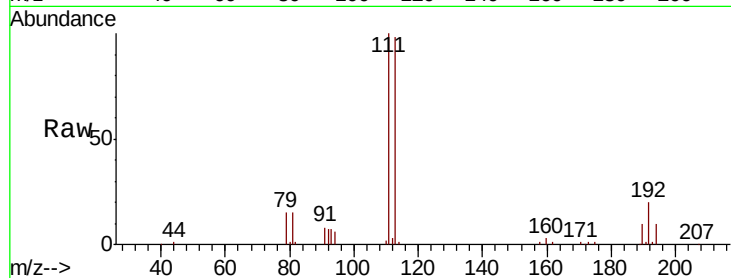




#35
 Dibromofluoromethane
 Concen: 49.426 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

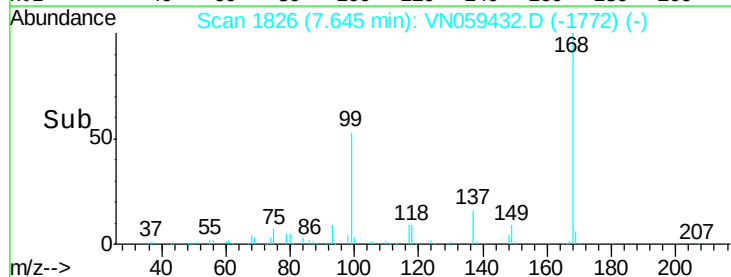
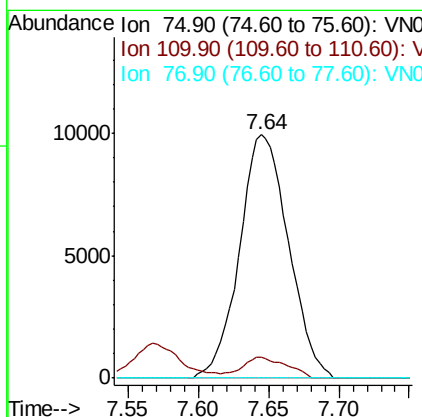
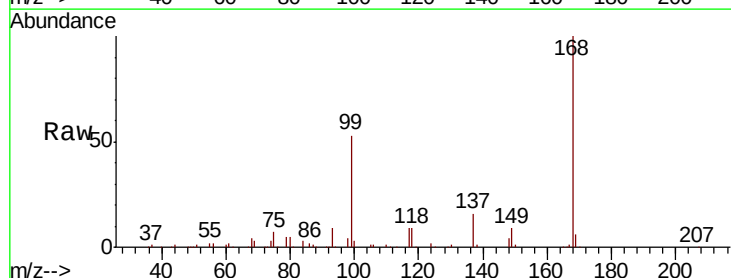
Instrument :
 MSVOA_N
 ClientSampleId :

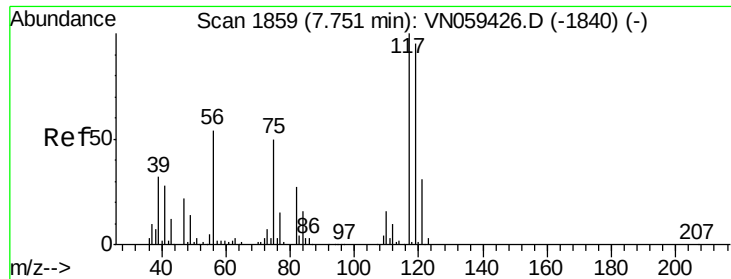
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	20.4	16.6	24.8



#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.3	52.0#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.593 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

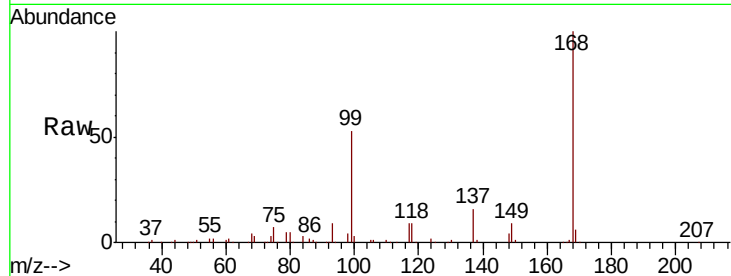
Tot Ion:117 Resp: 30370

Ion Ratio Lower Upper

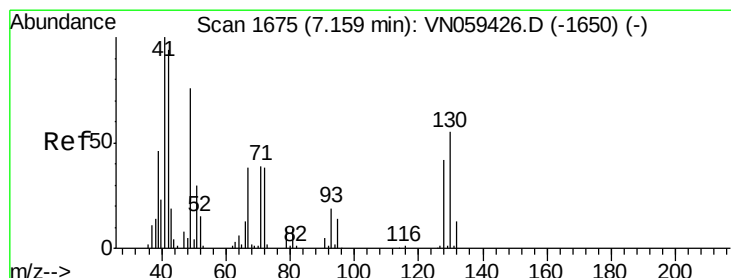
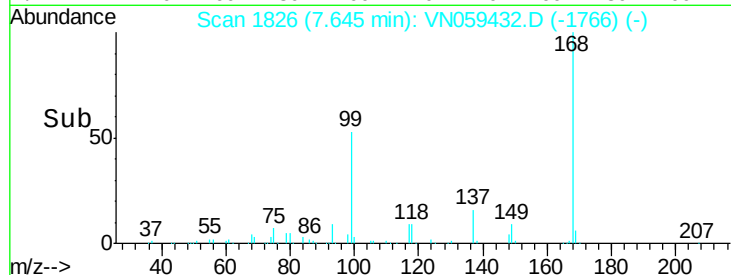
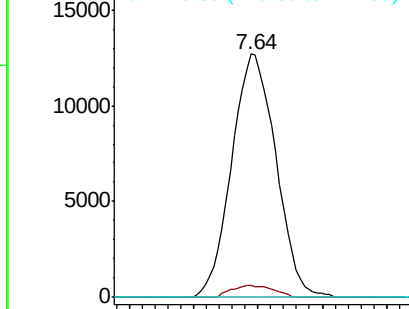
117 100

119 4.9 75.9 113.9#

121 0.0 24.6 36.8#



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



#41

Methacrylonitrile

Concen: 0.207 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.03 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Tgt Ion: 41 Resp: 499

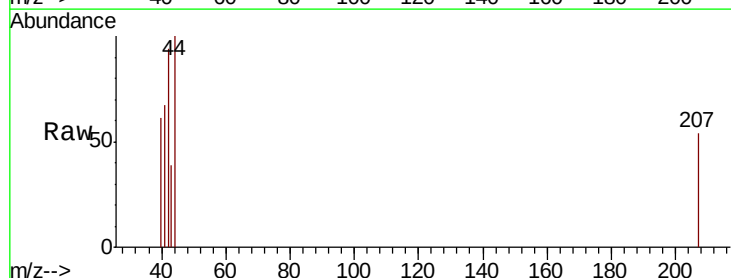
Ion Ratio Lower Upper

41 100

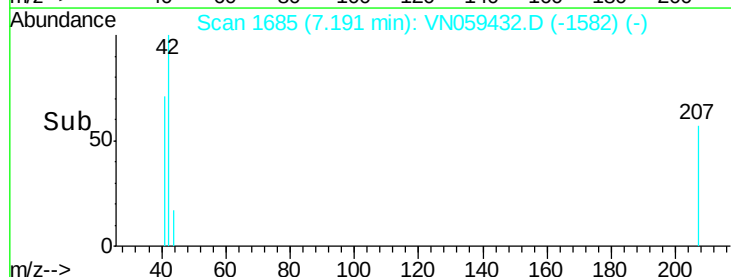
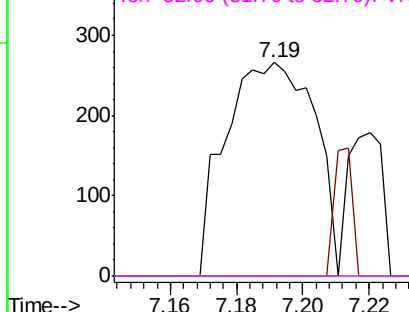
39 0.0 0.0 0.0

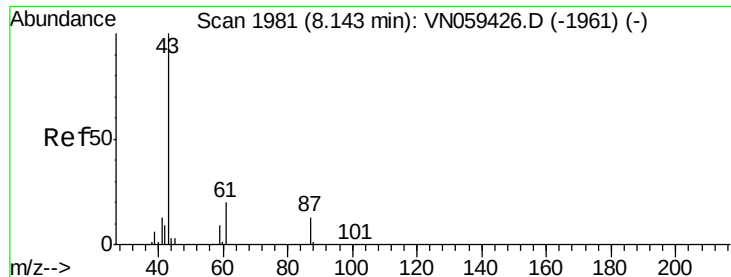
67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 10.763 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

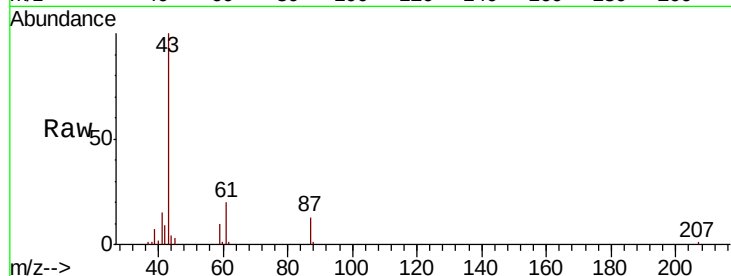
Tot Ion: 43 Resp: 84448

Ion Ratio Lower Upper

43 100

61 20.6 22.2 33.2#

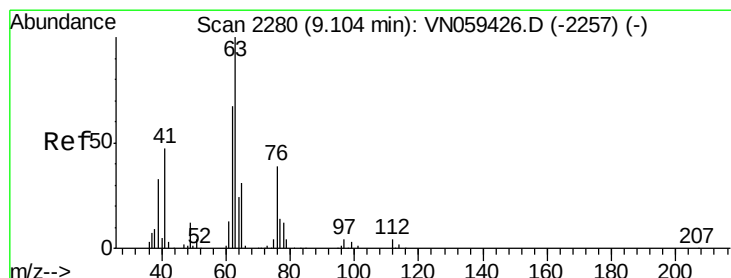
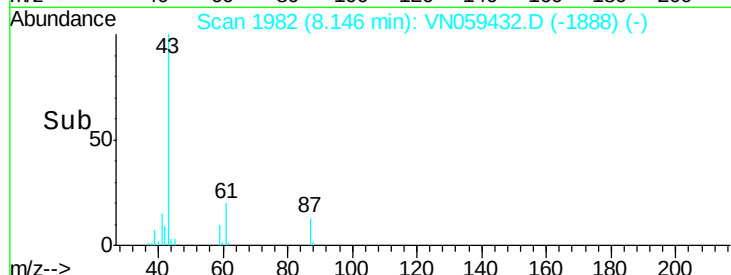
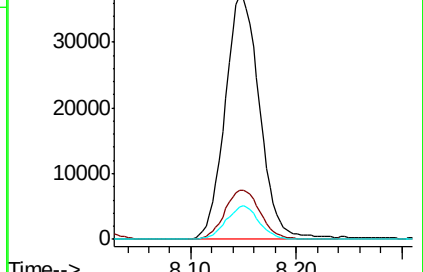
87 12.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN059432.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059432.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059432.D (-1888) (-)



#45

1,2-Dichloropropane

Concen: 0.524 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059432.D

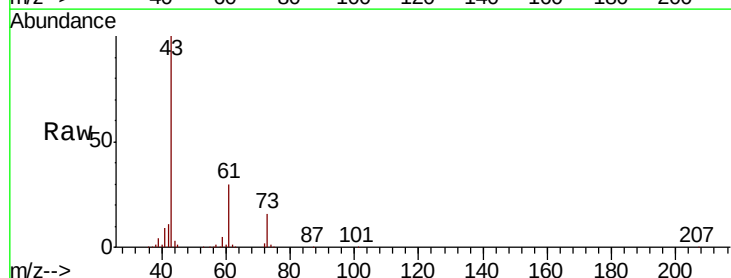
Acq: 27 Nov 2019 19:31

Tgt Ion: 63 Resp: 1988

Ion Ratio Lower Upper

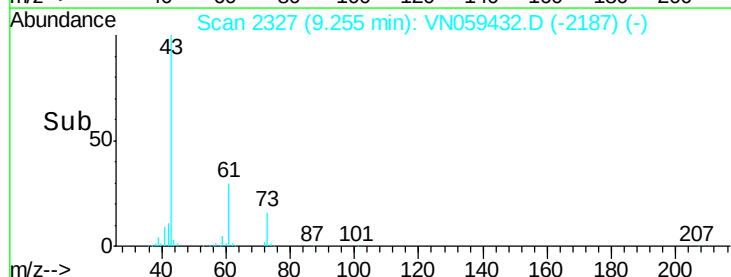
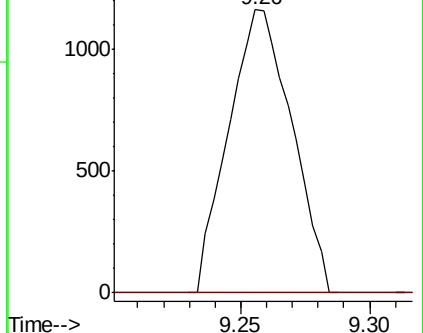
63 100

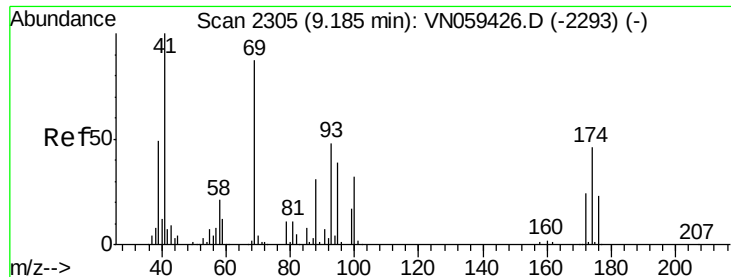
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN059432.D (-2187) (-)

Ion 64.90 (64.60 to 65.60): VN059432.D (-2187) (-)

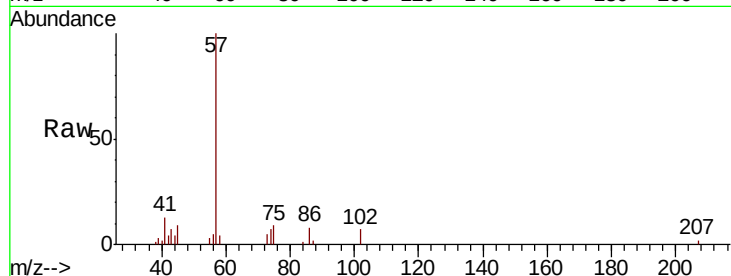




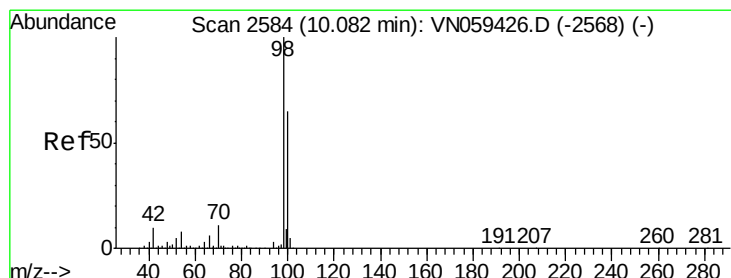
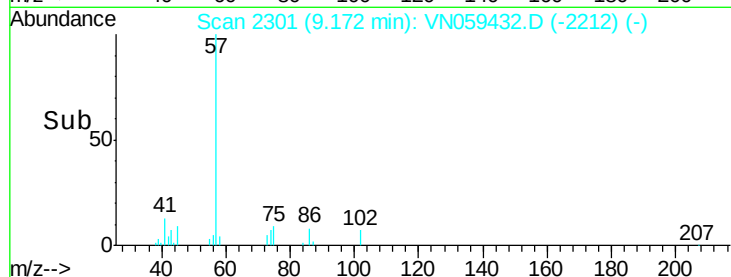
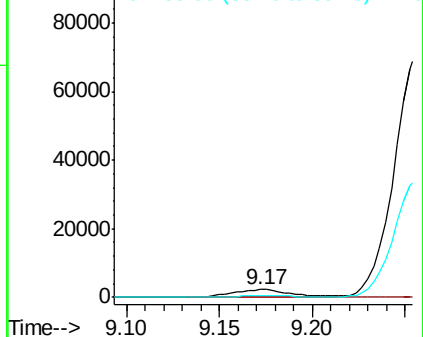
#48
Methvl methacrylate
Concen: 1.444 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.01 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 5025
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 0.0 41.3 61.9#

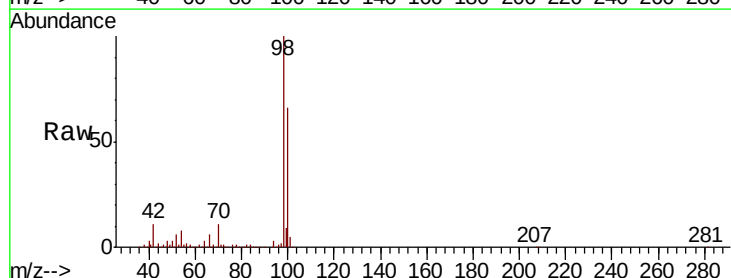


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

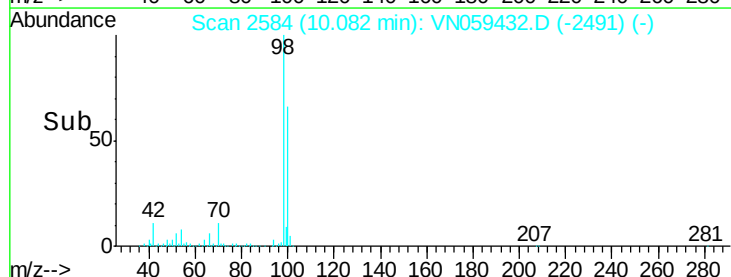
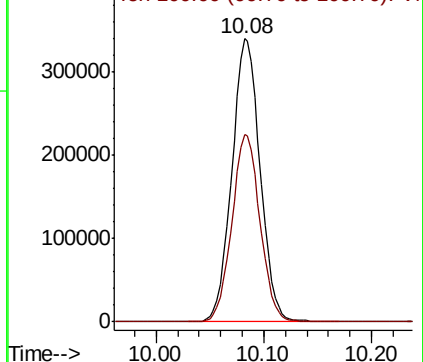


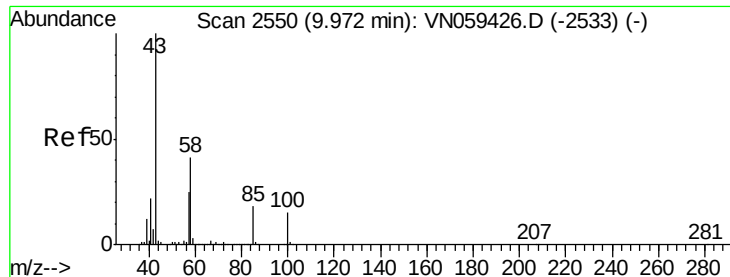
#50
Toluene-d8
Concen: 50.351 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion: 98 Resp: 620315
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

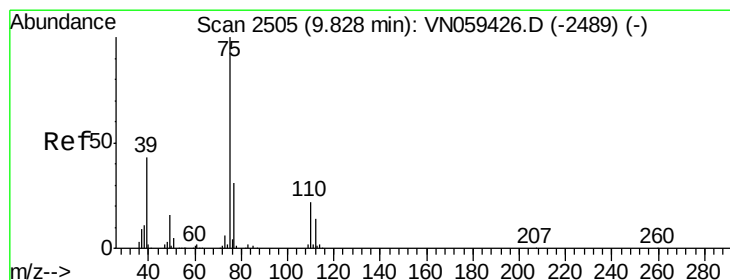
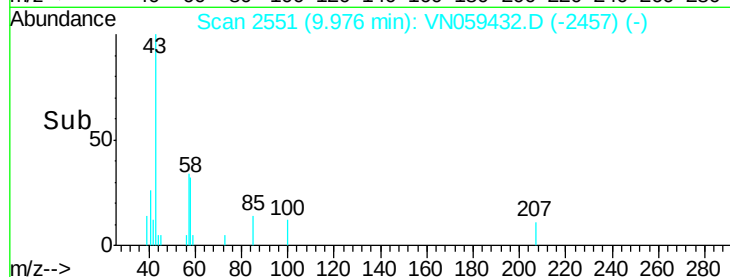
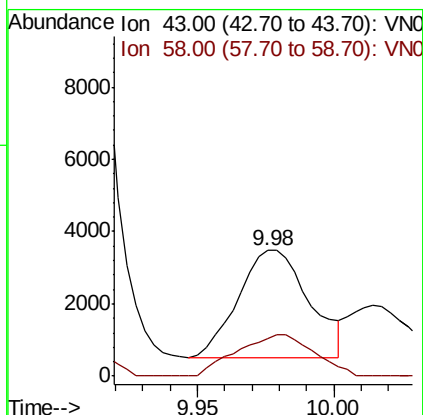
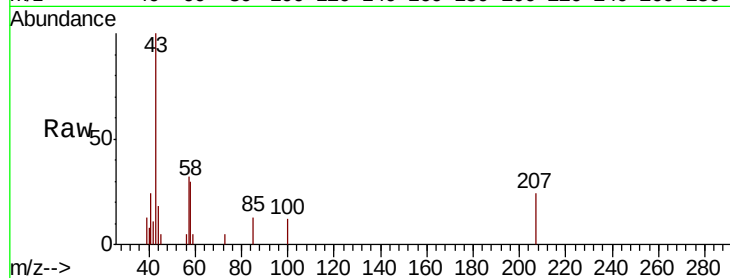




#51
 4-Methyl-2-Pentanone
 Concen: 1.176 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

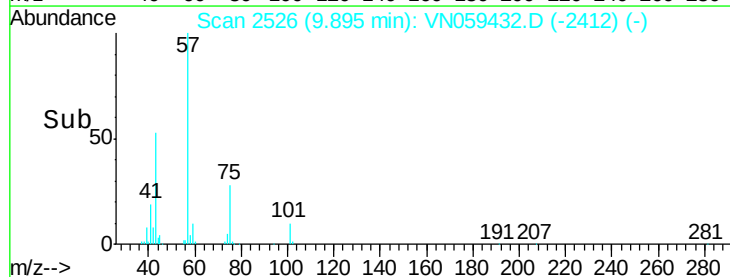
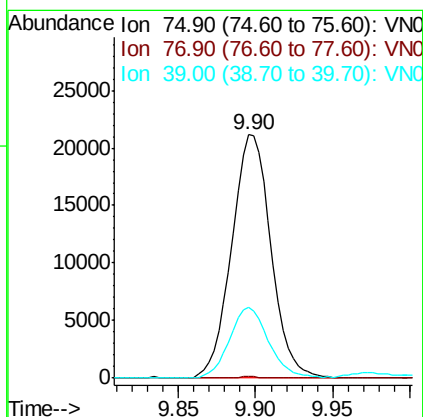
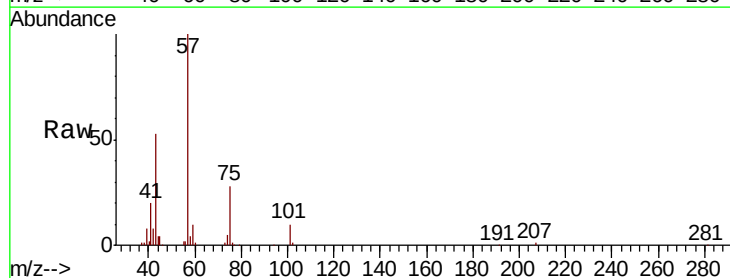
Instrument :
 MSVOA_N
 ClientSampled :

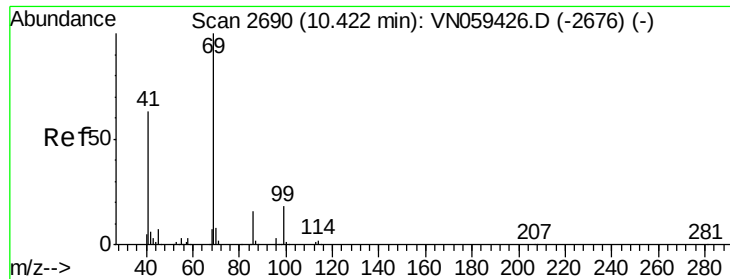
Tot Ion: 43 Resp: 5351
 Ion Ratio Lower Upper
 43 100
 58 42.0 32.5 48.7



#54
 cis-1,3-Dichloropropene
 Concen: 6.363 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.07 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion: 75 Resp: 37349
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.1 37.7#
 39 28.8 34.0 51.0#





#56

Ethyl methacrylate

Concen: Below Cal

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

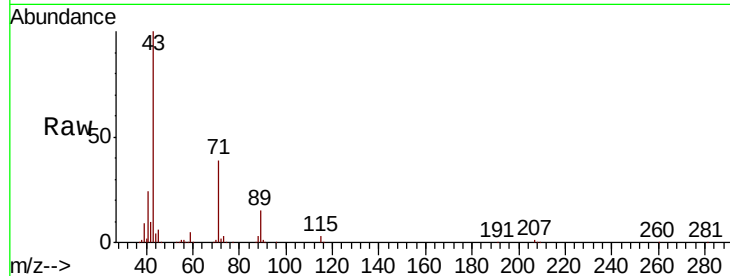
Tot Ion: 69 Resp: 1126

Ion Ratio Lower Upper

69 100

41 6128.4 50.1 75.1#

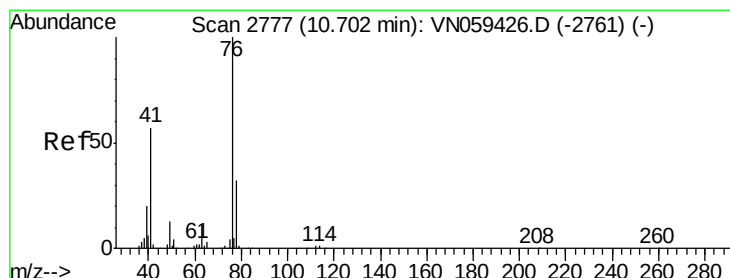
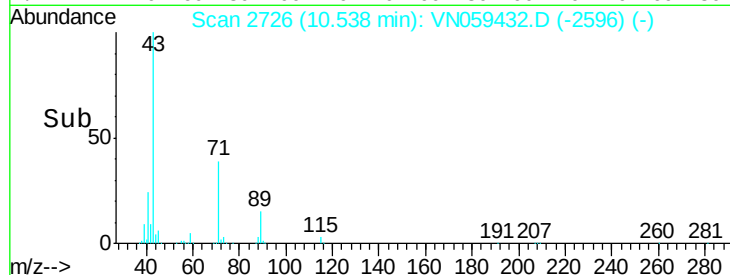
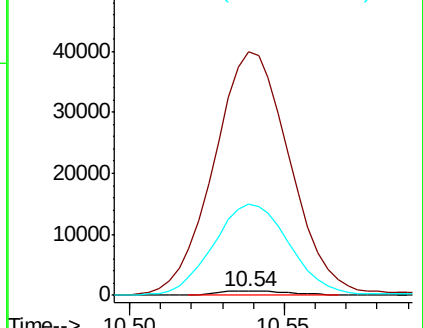
39 2310.6 23.9 35.9#



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: 1.121 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059432.D

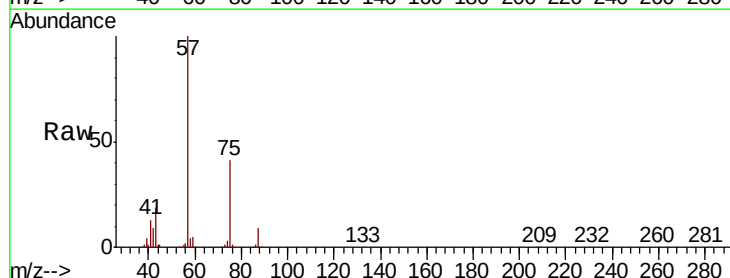
Acq: 27 Nov 2019 19:31

Tgt Ion: 76 Resp: 6566

Ion Ratio Lower Upper

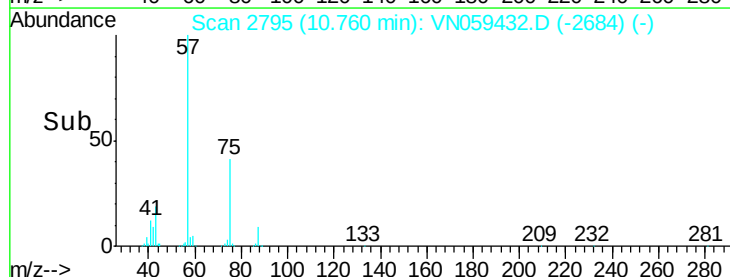
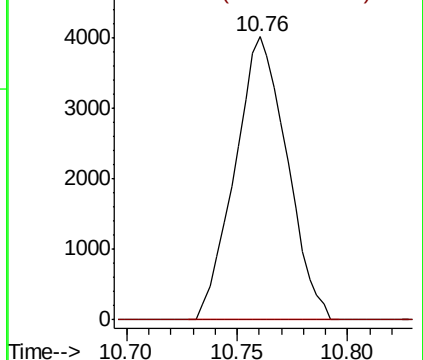
76 100

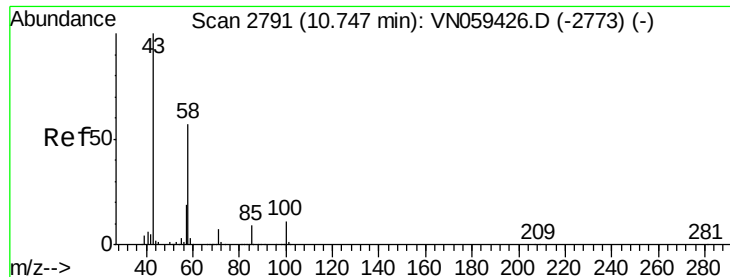
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

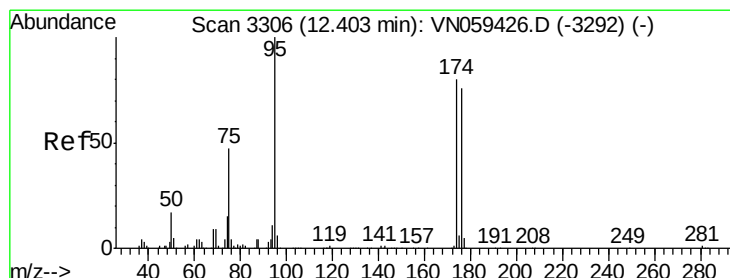
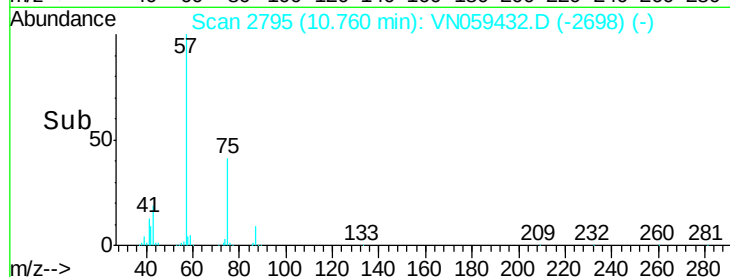
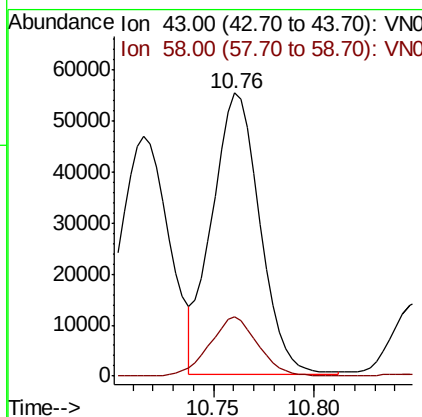
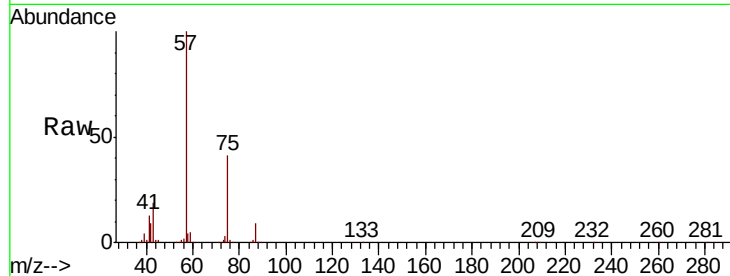




#59
2-Hexanone
Concen: 26.895 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

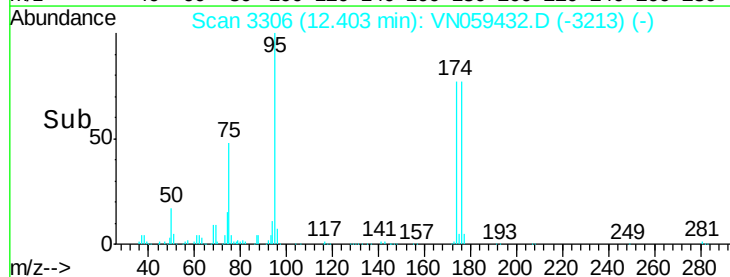
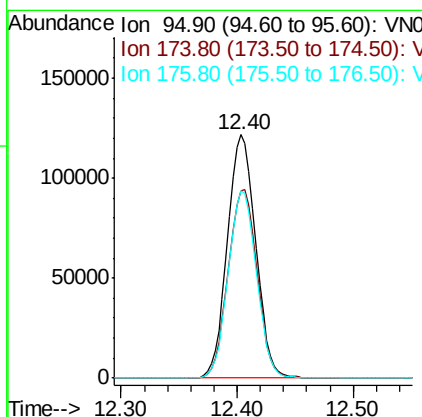
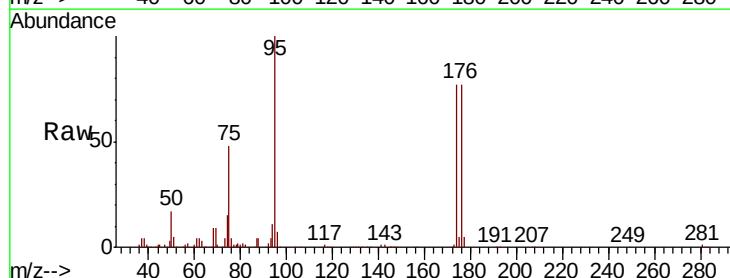
Instrument :
MSVOA_N
ClientSampled :

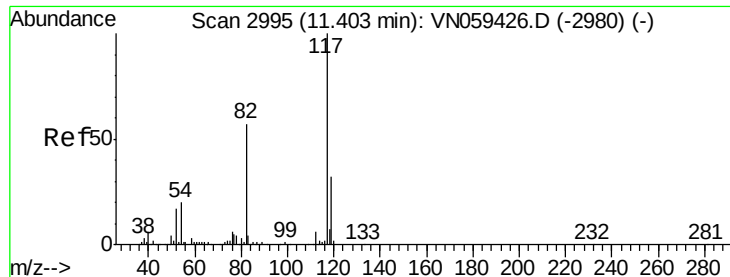
Tot Ion: 43 Resp: 90759
Ion Ratio Lower Upper
43 100
58 21.1 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 47.764 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion: 95 Resp: 204884
Ion Ratio Lower Upper
95 100
174 79.4 0.0 158.0
176 77.0 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

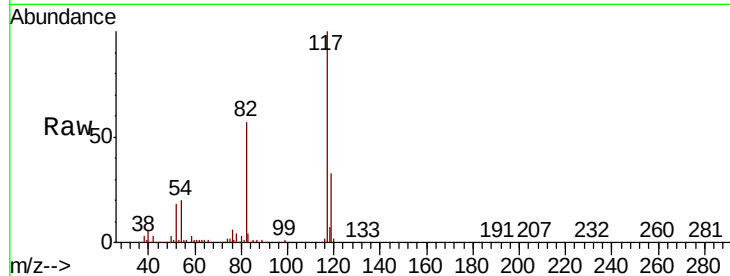
Tot Ion:117 Resp: 455048

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.0

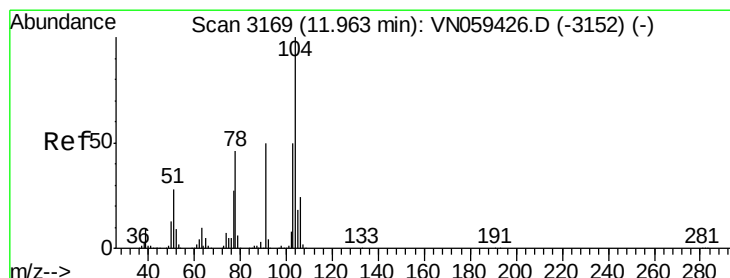
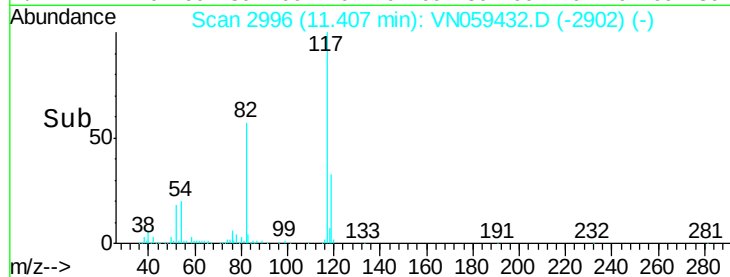
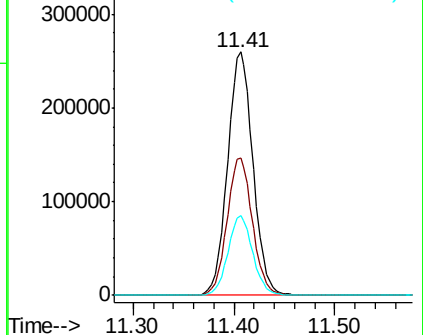
119 32.5 25.6 38.4



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



#70

Styrene

Concen: Below Cal

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

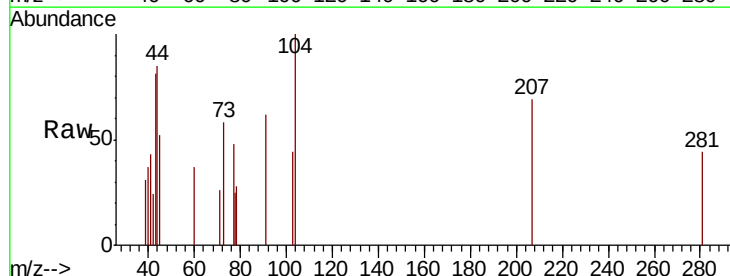
Tgt Ion:104 Resp: 927

Ion Ratio Lower Upper

104 100

78 42.4 40.4 60.6

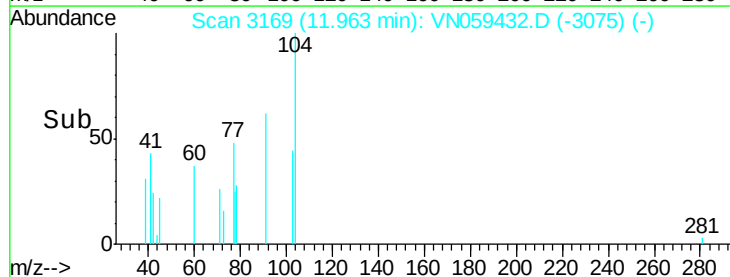
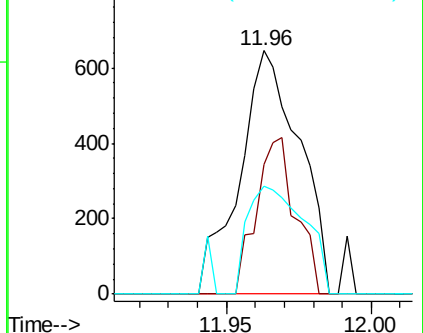
103 42.4 43.8 65.6#

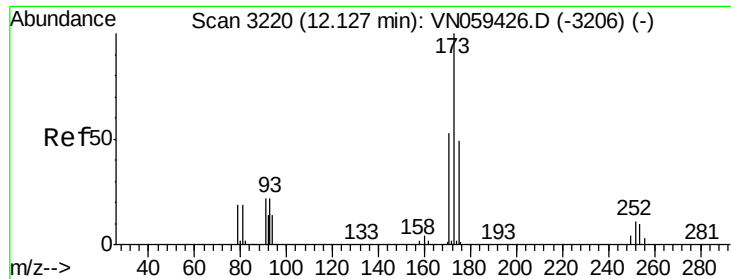


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.314 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

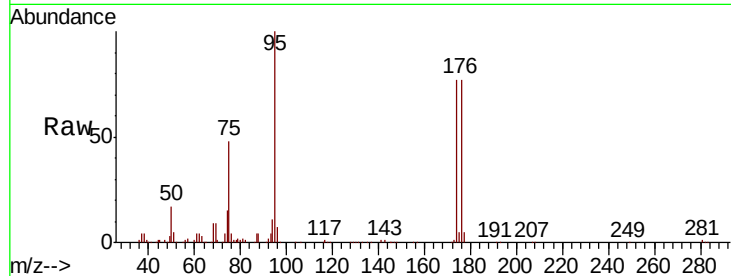
Tot Ion:173 Resp: 799

Ion Ratio Lower Upper

173 100

175 1186.4 24.1 72.3#

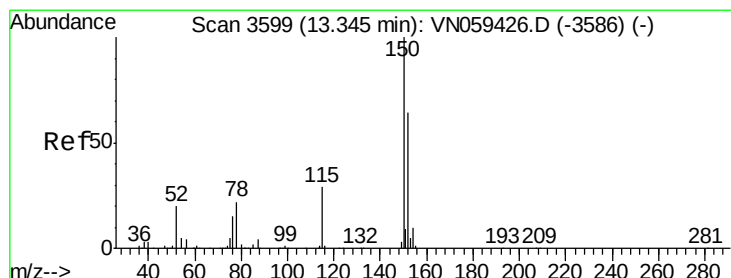
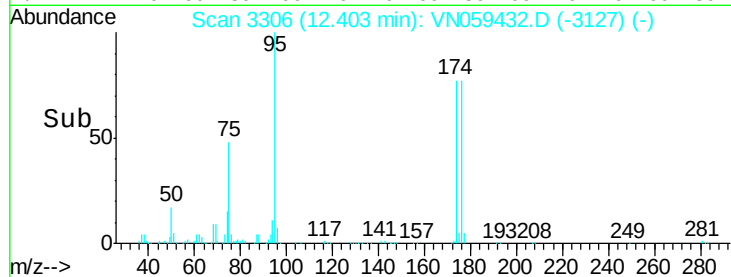
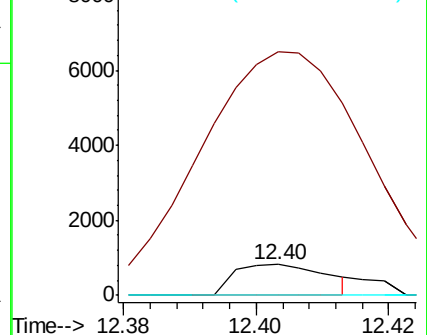
254 0.0 0.0 0.0



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: VN059432.D

Acq: 27 Nov 2019 19:31

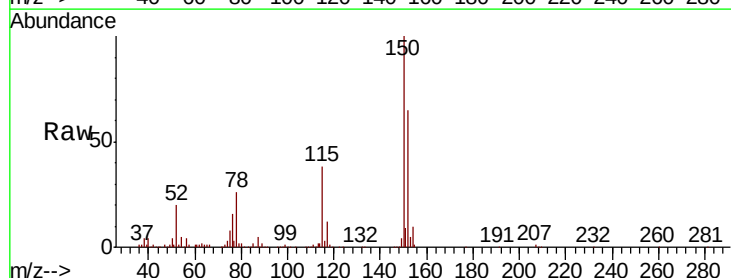
Tgt Ion:152 Resp: 175779

Ion Ratio Lower Upper

152 100

115 59.0 29.5 88.6

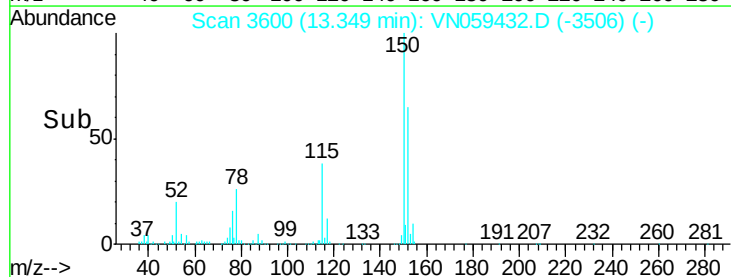
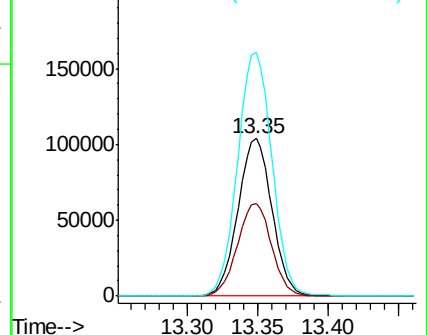
150 156.5 0.0 347.2

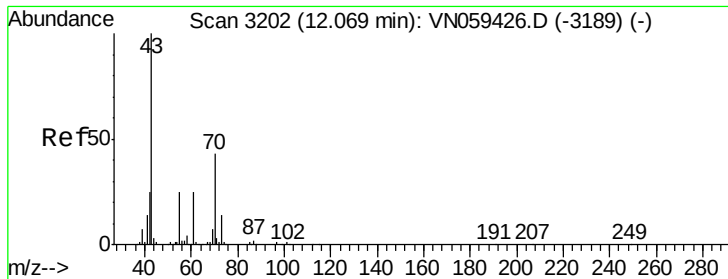


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2583

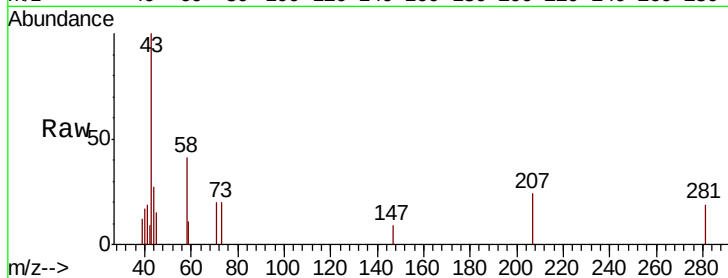
Ion Ratio Lower Upper

43 100

70 0.0 34.6 52.0#

55 2.3 20.5 30.7#

61 0.0 20.2 30.4#

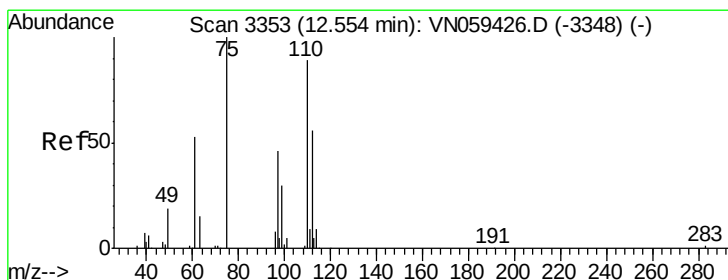
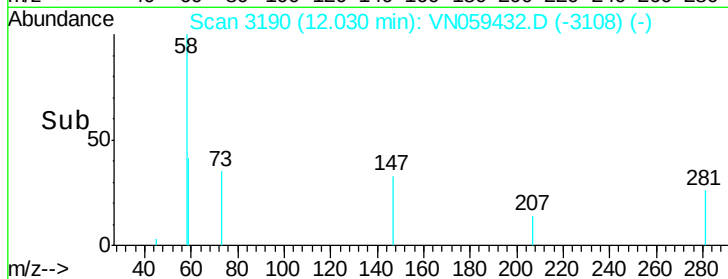
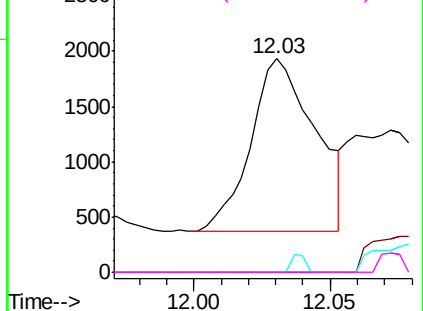


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 25.044 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059432.D

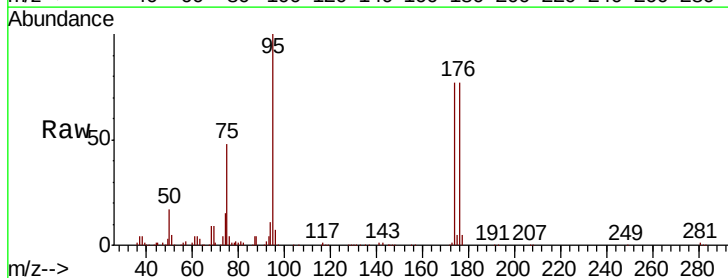
Acq: 27 Nov 2019 19:31

Tgt Ion: 75 Resp: 99592

Ion Ratio Lower Upper

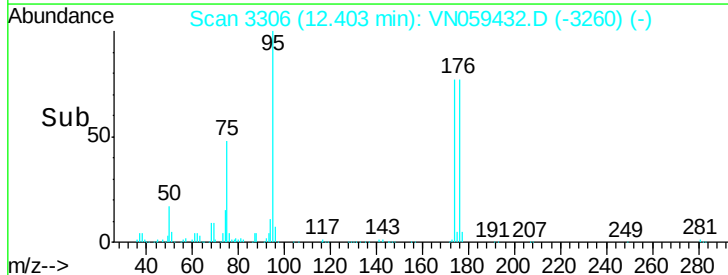
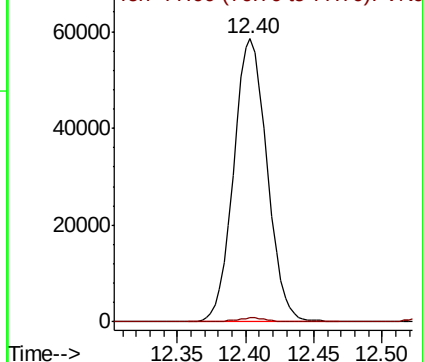
75 100

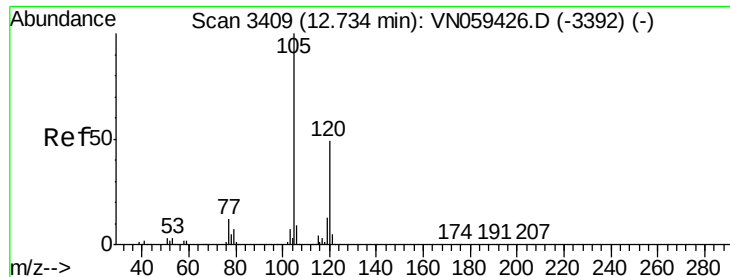
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.903 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

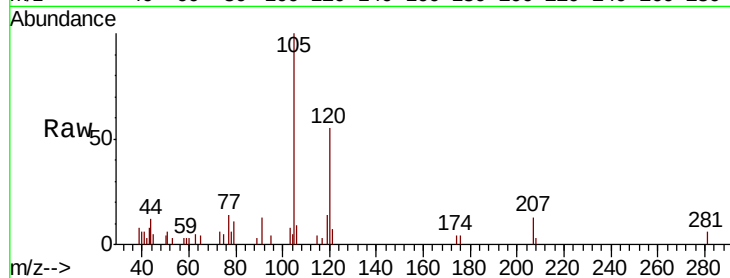
ClientSampleId :

Tot Ion:105 Resp: 9888

Ion Ratio Lower Upper

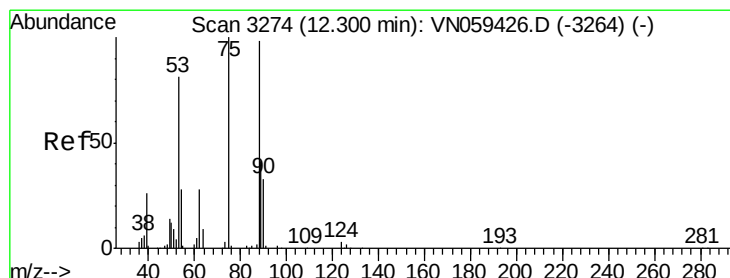
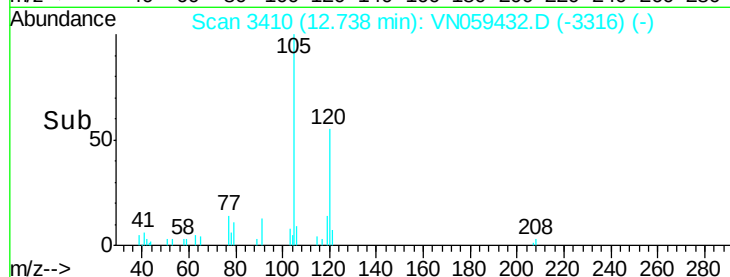
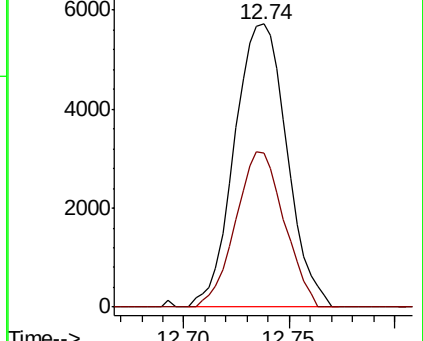
105 100

120 50.6 24.6 73.8



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: 64.351 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

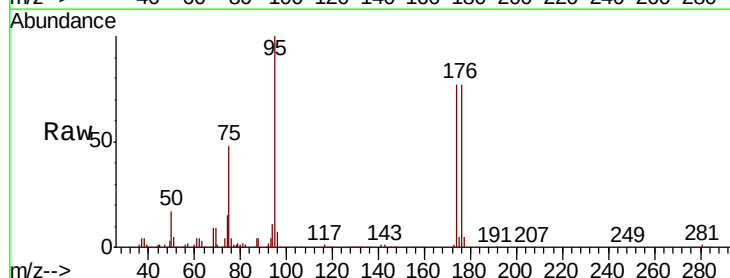
Tgt Ion: 75 Resp: 99592

Ion Ratio Lower Upper

75 100

53 0.0 66.2 99.4#

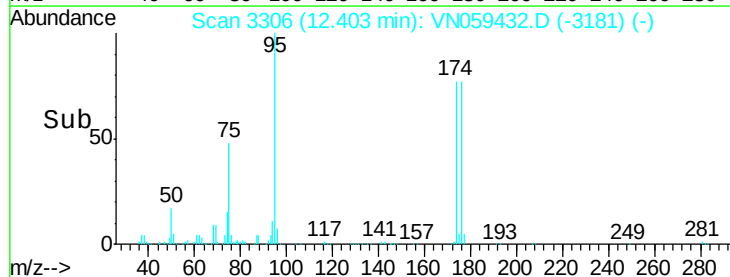
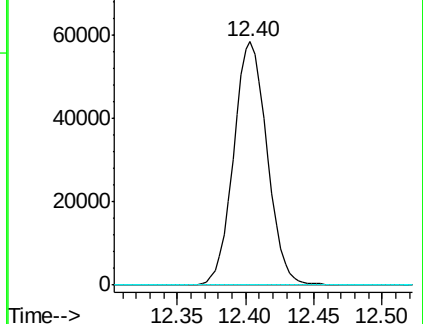
89 0.0 33.9 50.9#

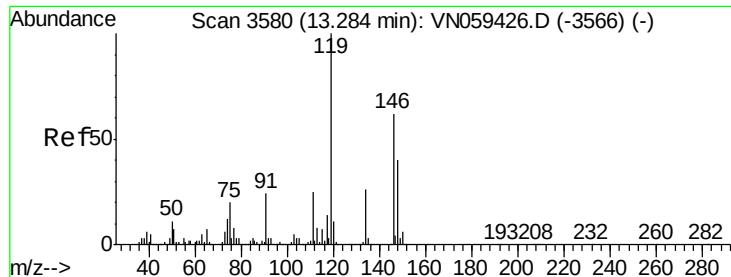


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

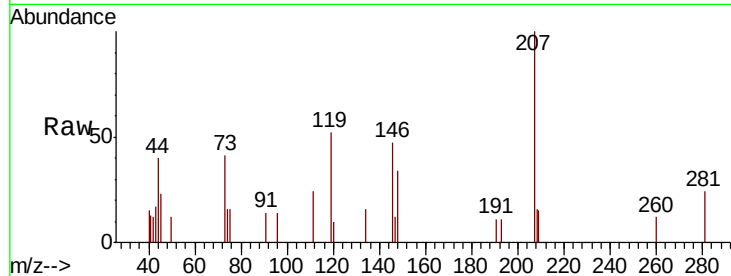




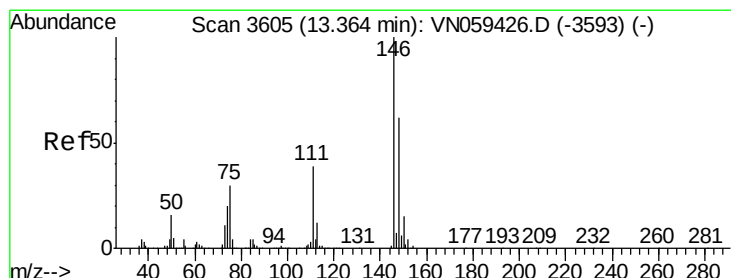
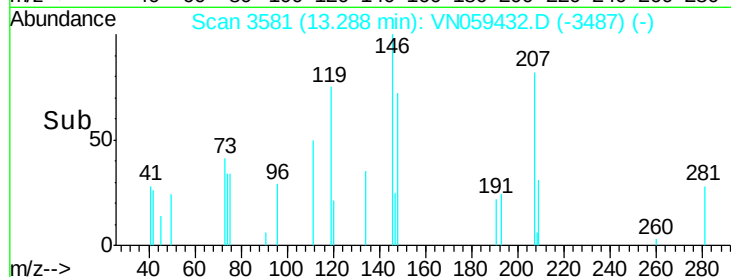
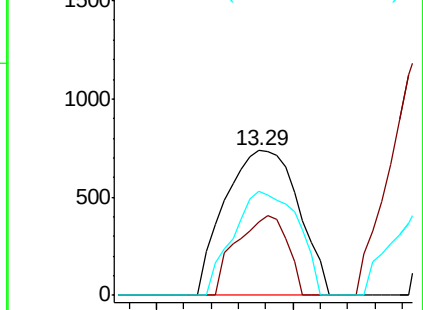
#87
 1,3-Dichlorobenzene
 Concen: 0.245 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 1384
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.4 61.2
 148 63.2 32.1 96.3

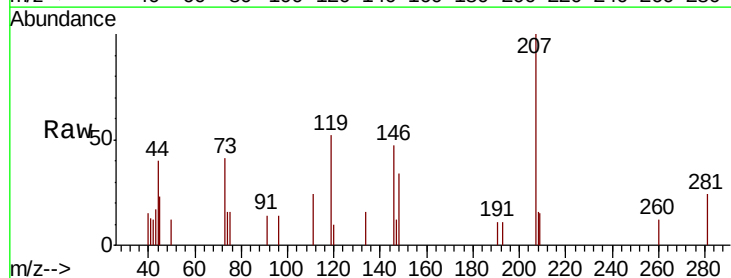


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

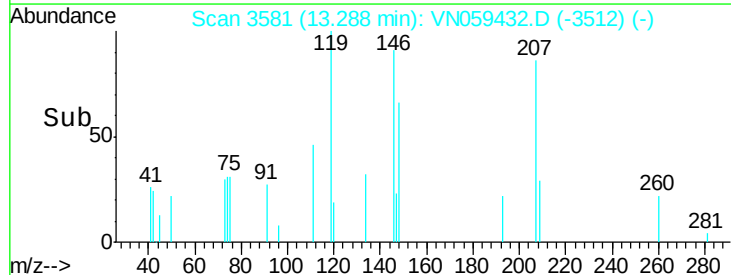
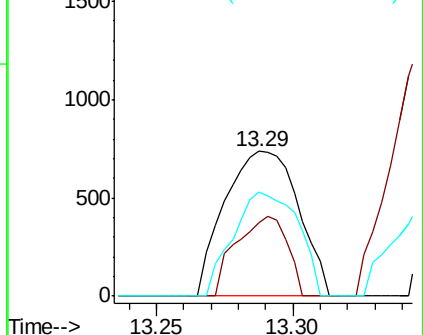


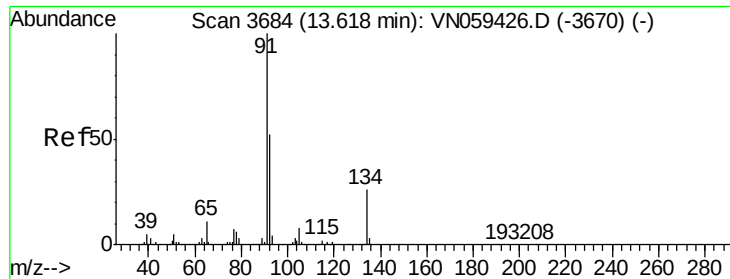
#88
 1,4-Dichlorobenzene
 Concen: 0.244 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion:146 Resp: 1384
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.9 59.7
 148 63.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

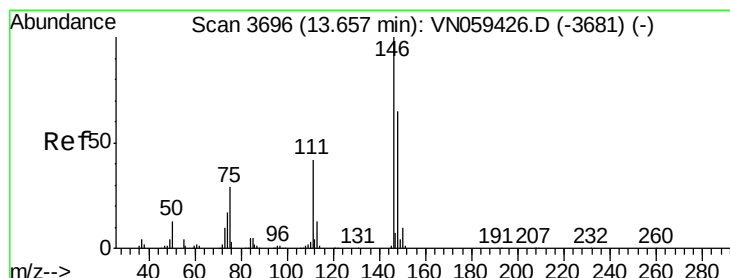
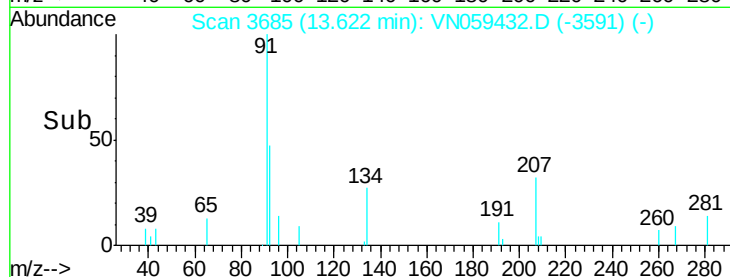
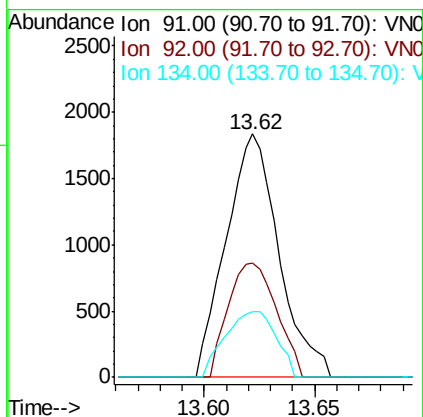
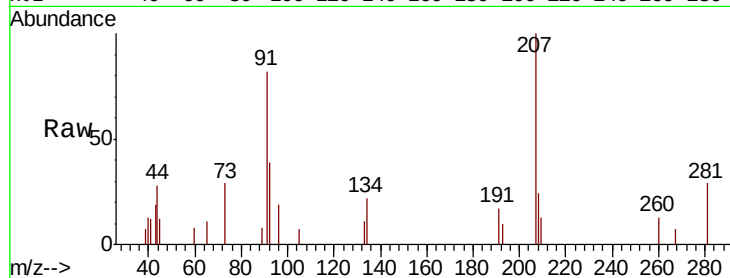




#89
n-Butylbenzene
Concen: 0.310 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

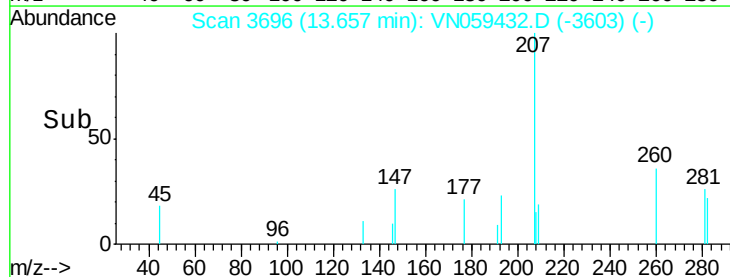
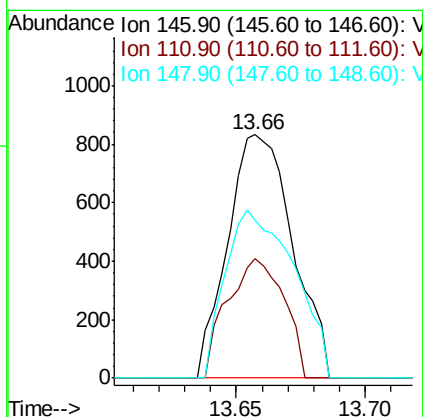
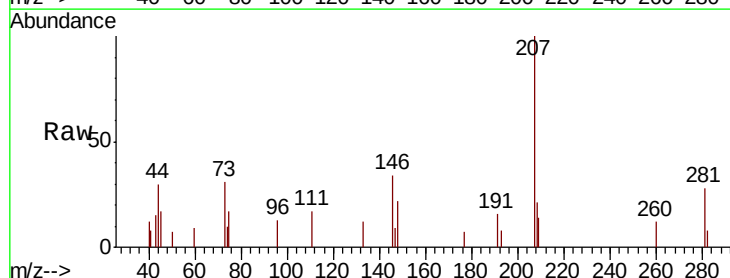
Instrument :
MSVOA_N
ClientSampled :

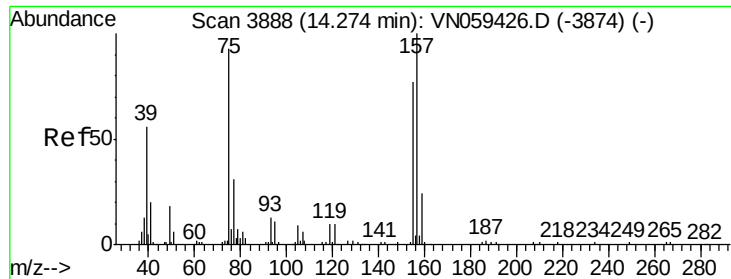
Tot Ion: 91 Resp: 3053
Ion Ratio Lower Upper
91 100
92 43.0 25.9 77.8
134 26.1 12.8 38.4



#91
1,2-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion: 146 Resp: 1463
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.7
148 73.1 32.0 96.2

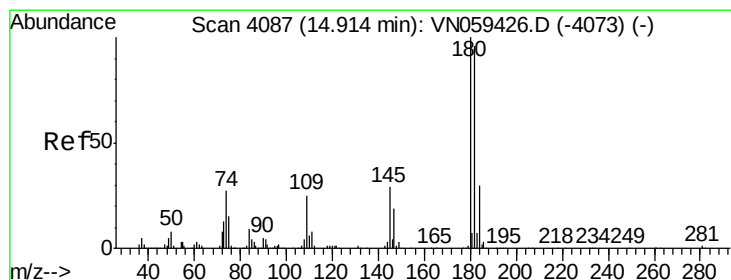
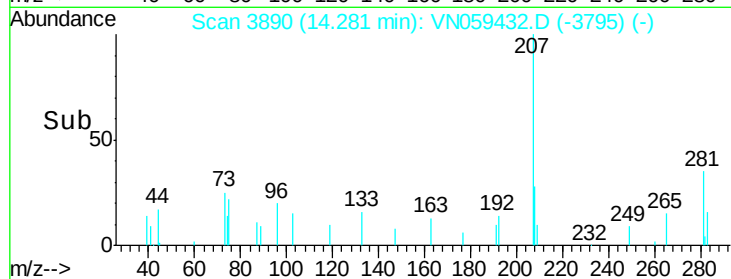
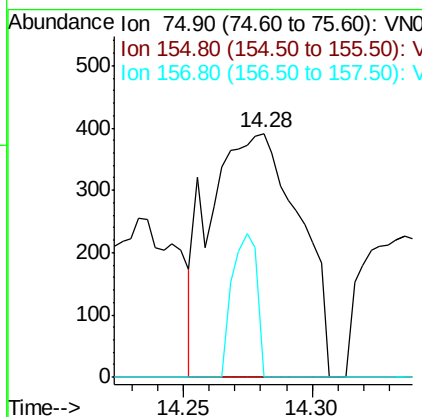
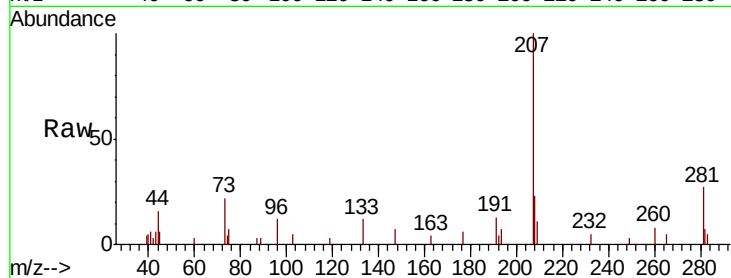




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

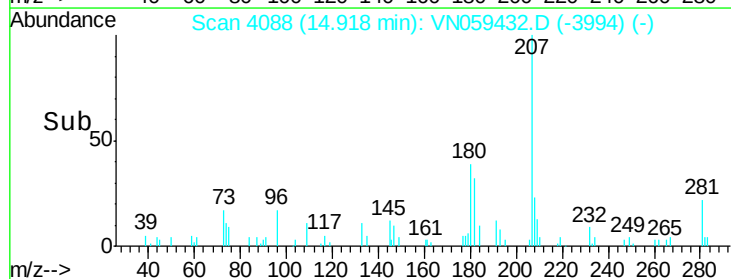
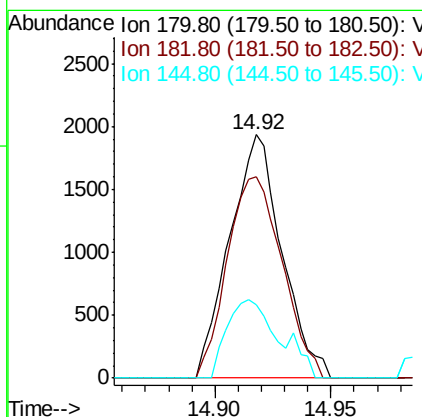
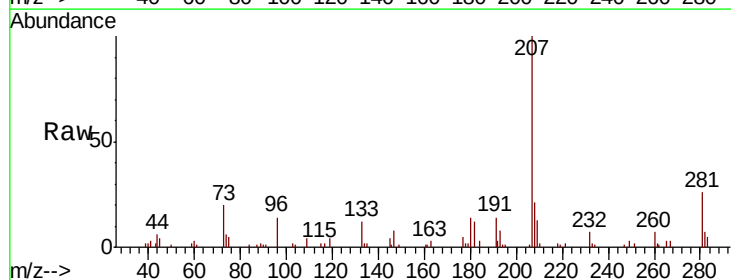
Instrument :
 MSVOA_N
 ClientSampled :

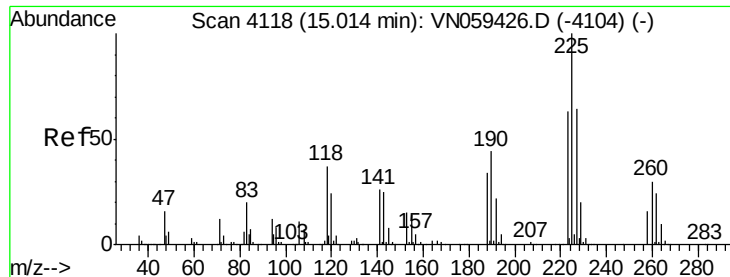
Tot Ion: 75 Resp: 943
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.9 125.8#
 157 16.2 54.1 162.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.880 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion: 180 Resp: 3027
 Ion Ratio Lower Upper
 180 100
 182 87.1 47.3 142.0
 145 32.3 14.8 44.4





#94

Hexachlorobutadiene

Concen: 0.358 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

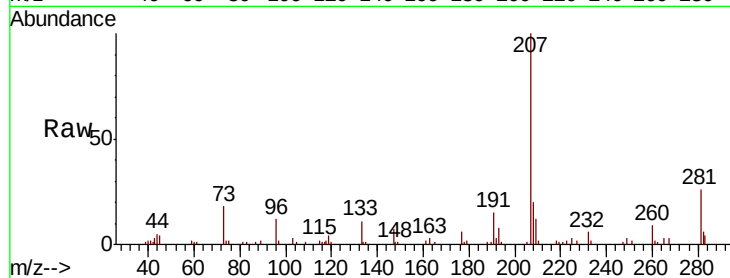
Tot Ion:225 Resp: 755

Ion Ratio Lower Upper

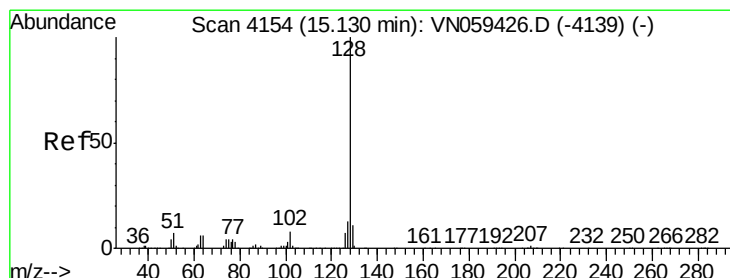
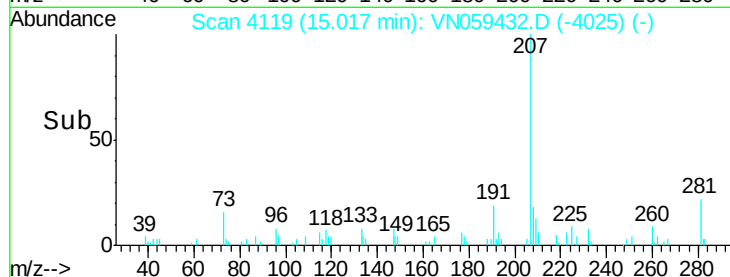
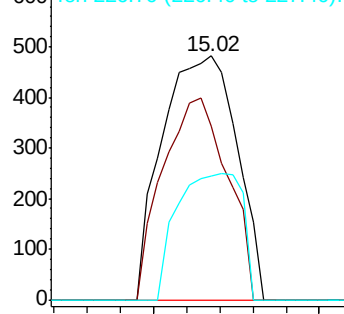
225 100

223 71.8 31.5 94.5

227 45.0 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

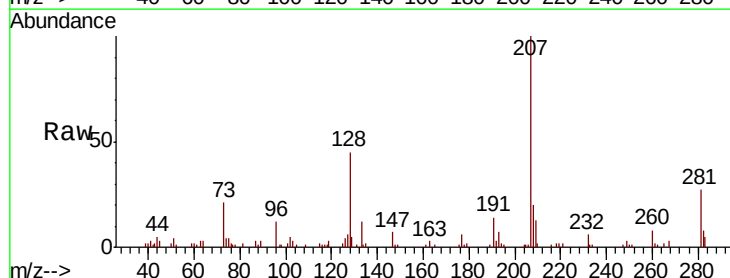
Tgt Ion:128 Resp: 14396

Ion Ratio Lower Upper

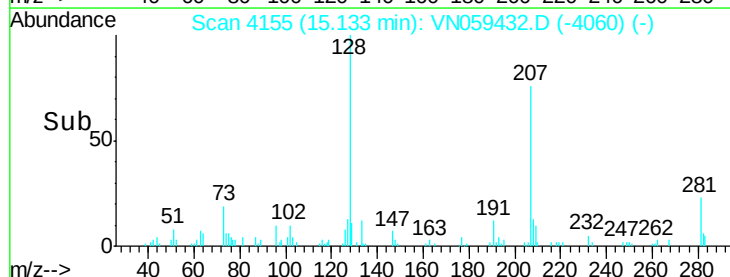
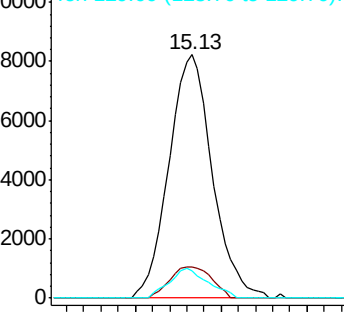
128 100

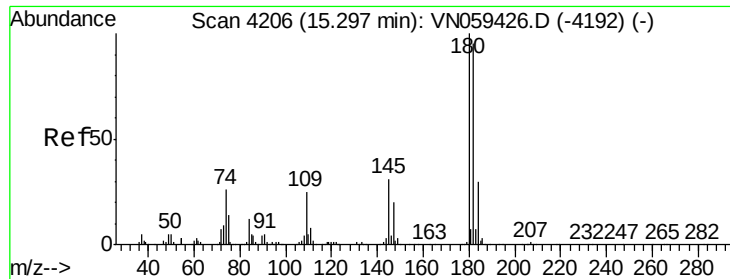
127 12.3 10.1 15.1

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

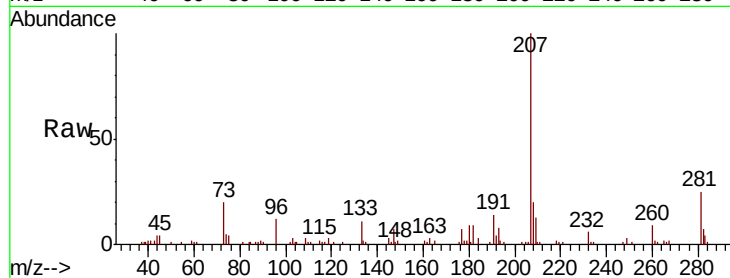




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.3	47.5	142.6
145	45.4	15.7	47.1



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

