

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\
 Data File : VN060253.D
 Acq On : 26 Feb 2020 15:57
 Operator : JC/MD
 Sample : L1673-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 27 04:34:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	341787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	132103	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
35) Dibromofluoromethane	7.57	113	95906	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
50) Toluene-d8	10.08	98	414484	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	157511	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	

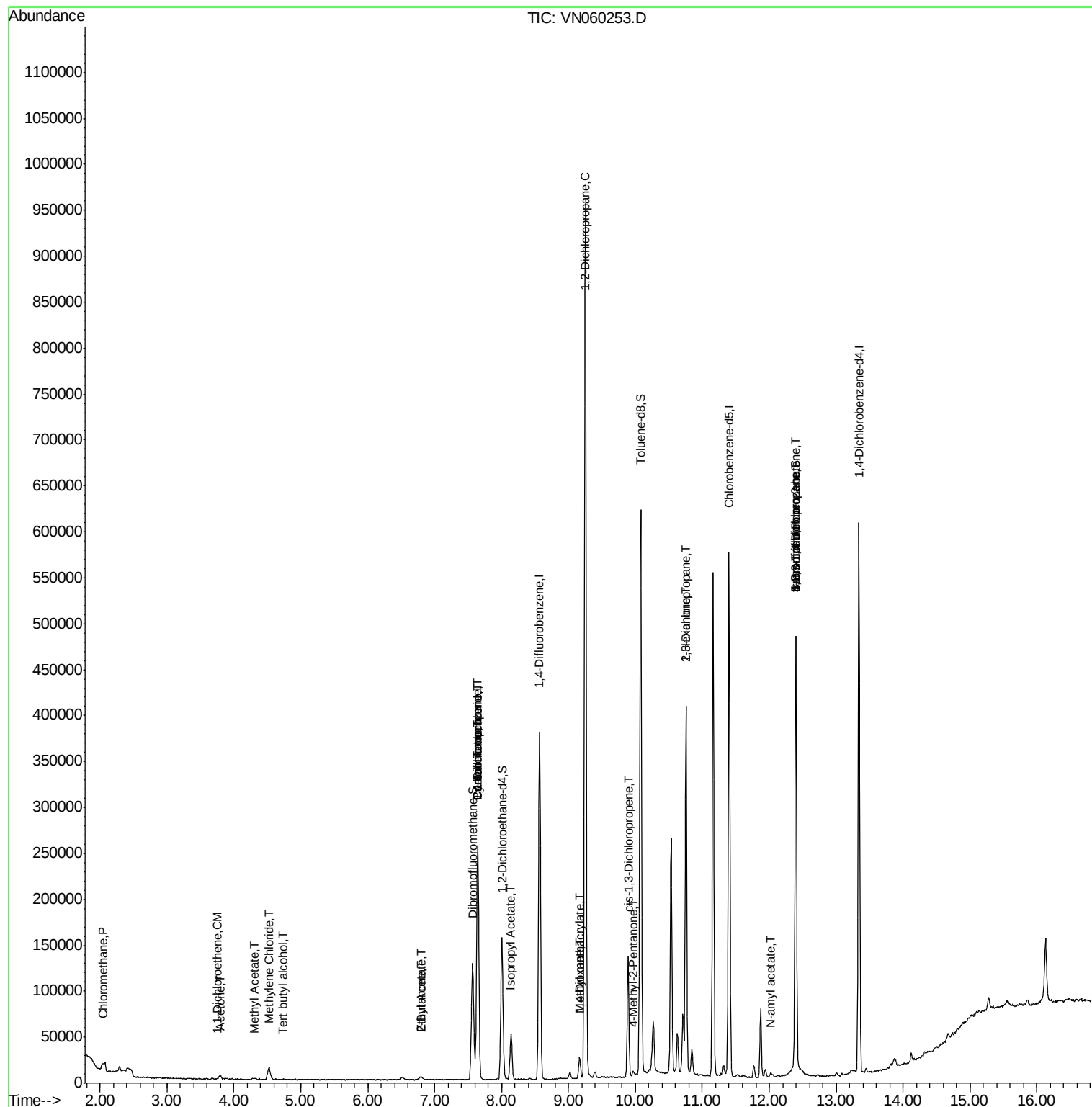
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	581	0.232	ug/l #	57
11) Tert butyl alcohol	4.73	59	420	1.095	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	451	0.226	ug/l #	1
16) Acetone	3.79	43	6867	6.140	ug/l	100
18) Methyl Acetate	4.30	43	2534	1.206	ug/l #	70
20) Methylene Chloride	4.53	84	9544	4.277	ug/l	95
25) 2-Butanone	6.81	43	4750	3.377	ug/l	95
31) Cyclohexane	7.64	56	4623	1.275	ug/l #	7
36) 1,1-Dichloropropene	7.64	75	16211	5.121	ug/l #	48
37) Ethyl Acetate	6.81	43	4750	1.660	ug/l #	68
38) Carbon Tetrachloride	7.64	117	20284	5.900	ug/l #	15
43) Isopropyl Acetate	8.14	43	57449	11.746	ug/l #	89
45) 1,2-Dichloropropane	9.25	63	1193	0.513	ug/l #	43
48) Methyl methacrylate	9.16	41	3789	1.727	ug/l #	9
49) 1,4-Dioxane	9.18	88	180	4.801	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	3741	1.321	ug/l	91
54) cis-1,3-Dichloropropene	9.89	75	24712	6.224	ug/l #	62
57) 1,3-Dichloropropane	10.75	76	4178	1.078	ug/l #	43
59) 2-Hexanone	10.76	43	60210	27.533	ug/l #	51
71) Bromoform	12.40	173	717	0.364	ug/l #	1
74) N-amyl acetate	12.02	43	4094	0.977	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	81963	27.517	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	81963	67.375	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.30	75	153	Below Cal	#	1

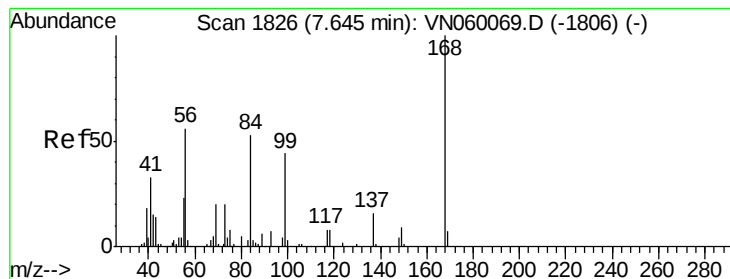
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

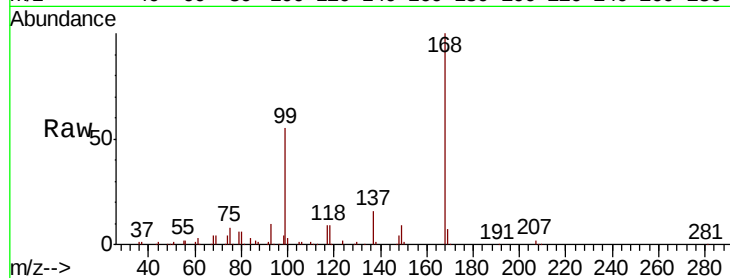
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 210724

Ion Ratio Lower Upper

168 100

99 55.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

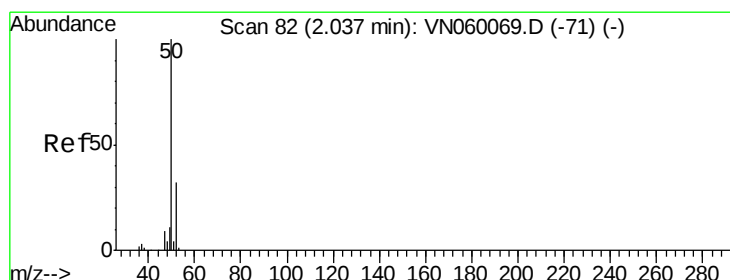
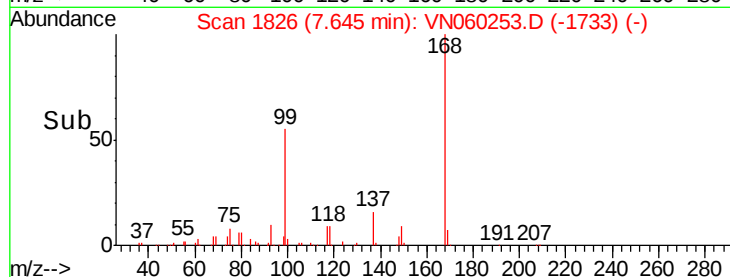
20000

0

7.60

7.70

Time-->



#3

Chloromethane

Concen: 0.232 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN060253.D

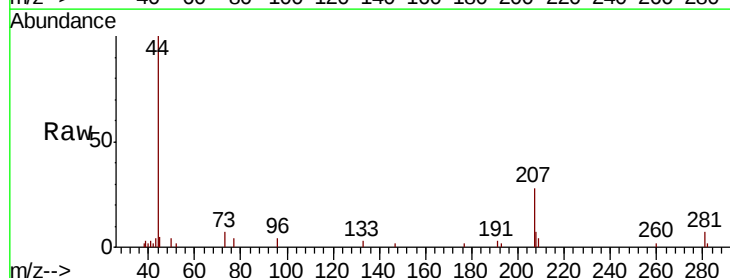
Acq: 26 Feb 2020 15:57

Tgt Ion: 50 Resp: 581

Ion Ratio Lower Upper

50 100

52 56.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

400

300

200

100

0

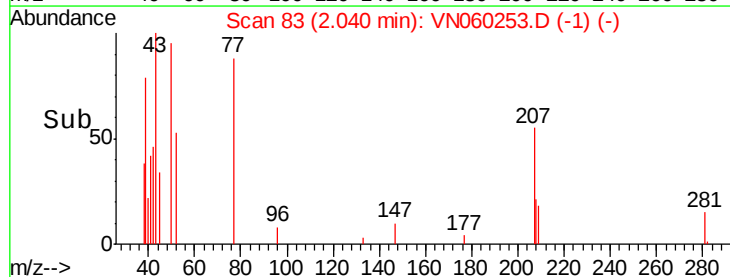
2.00

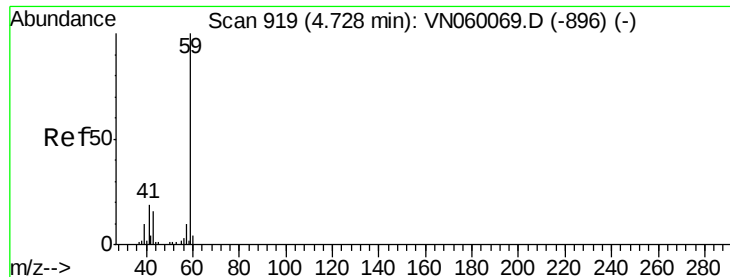
2.02

2.04

2.06

Time-->

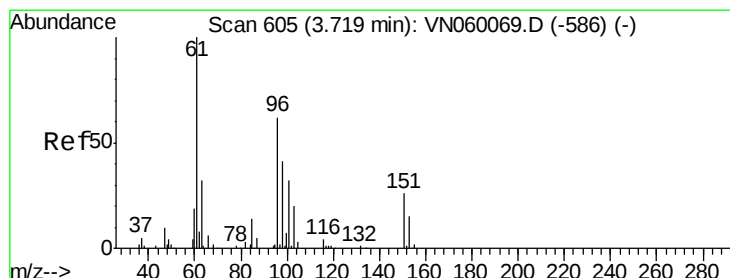
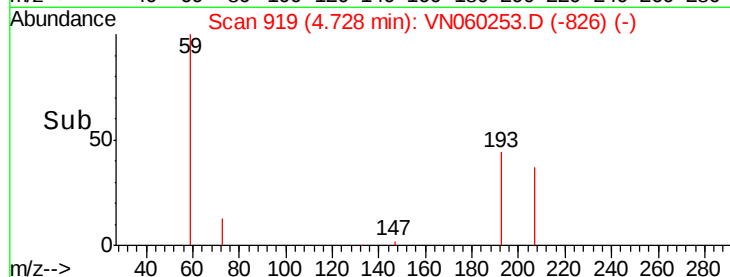
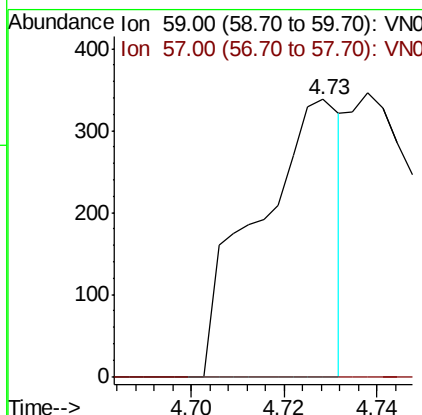
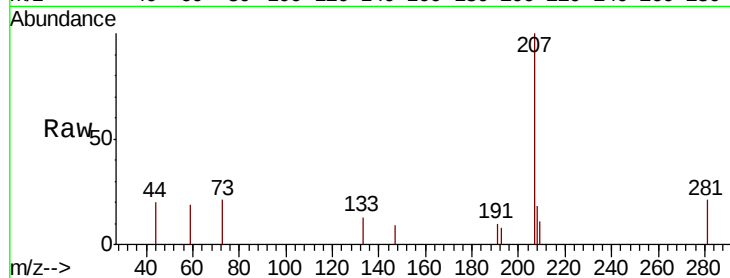




#11
Tert butyl alcohol
Concen: 1.095 ug/l
RT: 4.73 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN060253.D
Acq: 26 Feb 2020 15:57

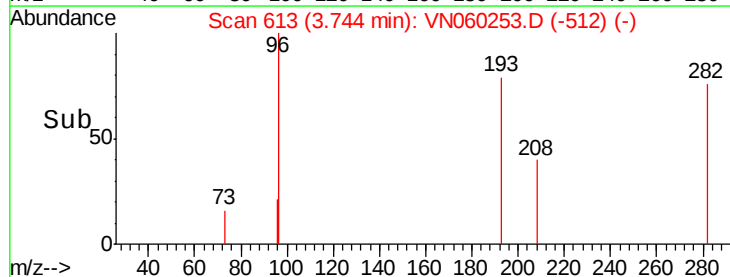
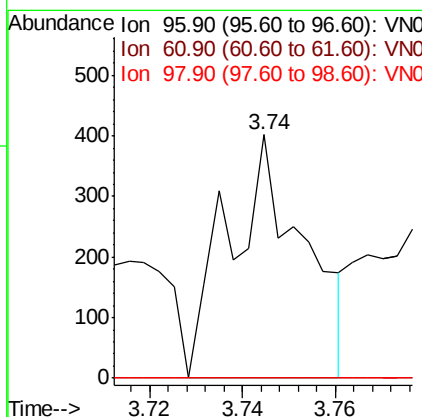
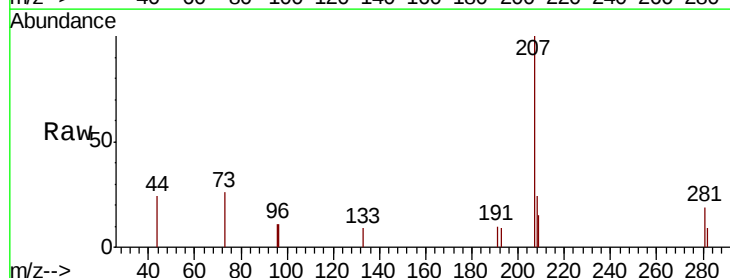
Instrument :
MSVOA_N
ClientSampleId :

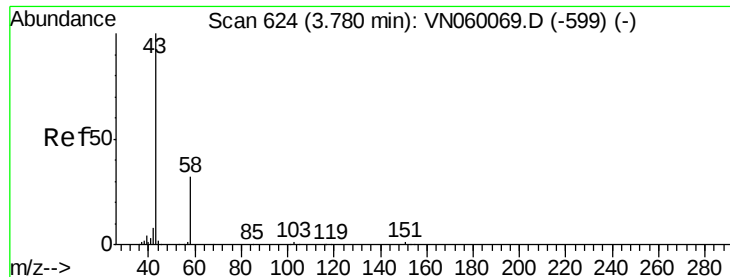
Tot Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.226 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.03 min
Lab File: VN060253.D
Acq: 26 Feb 2020 15:57

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 0.0 128.3 192.5#
98 0.0 52.2 78.4#





#16

Acetone

Concen: 6.140 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

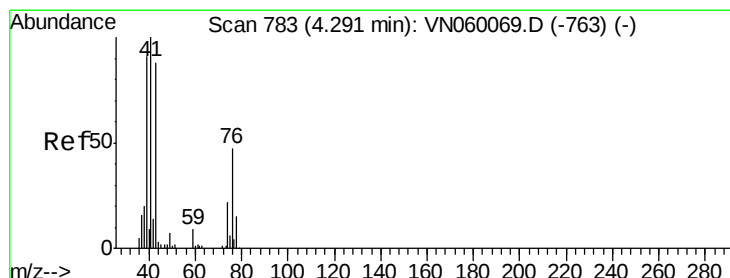
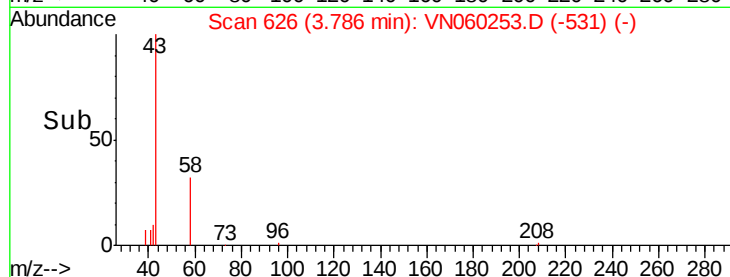
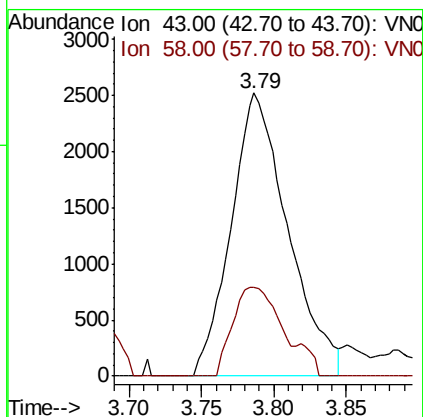
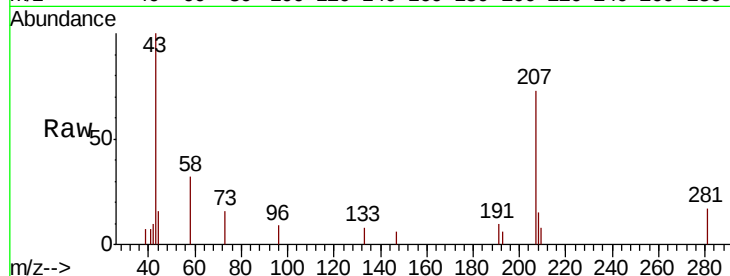
ClientSampleId :

Tot Ion: 43 Resp: 6867

Ion Ratio Lower Upper

43 100

58 31.6 25.2 37.8



#18

Methyl Acetate

Concen: 1.206 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN060253.D

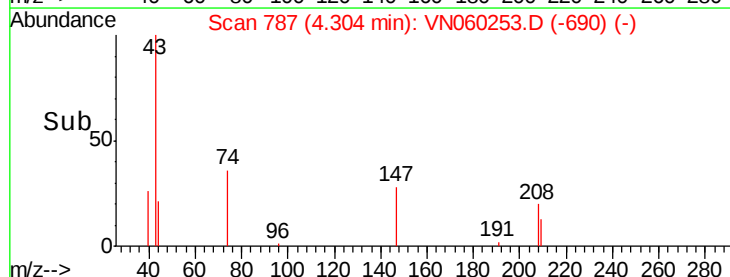
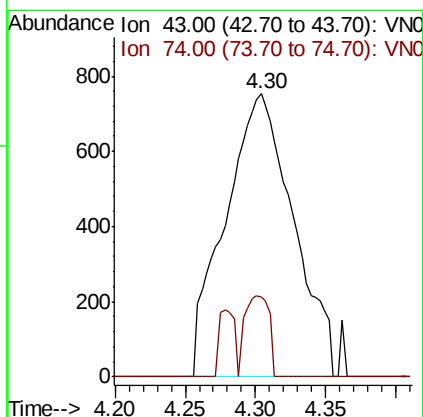
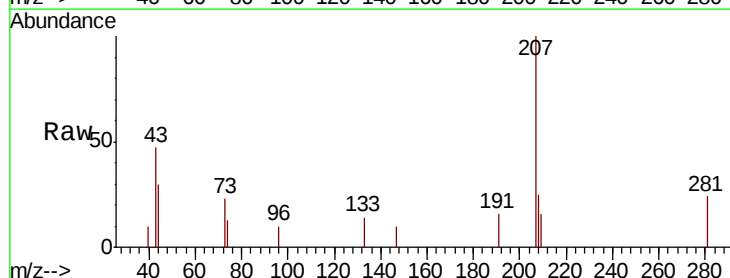
Acq: 26 Feb 2020 15:57

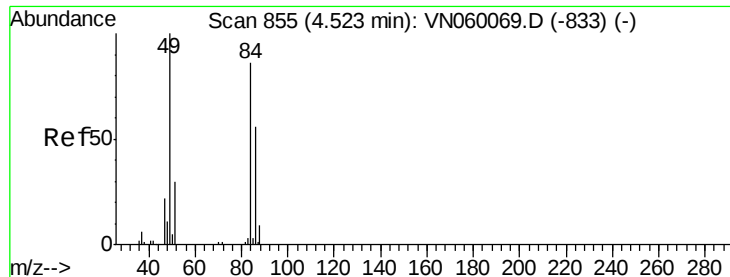
Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

74 10.3 20.3 30.5#

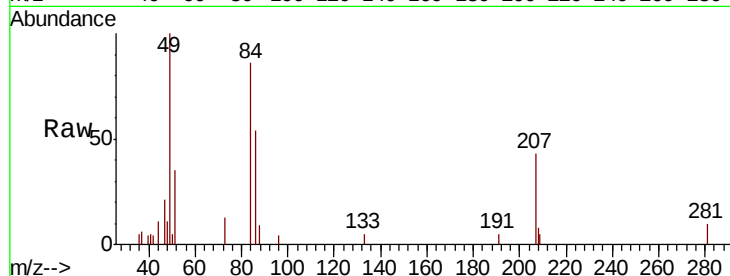




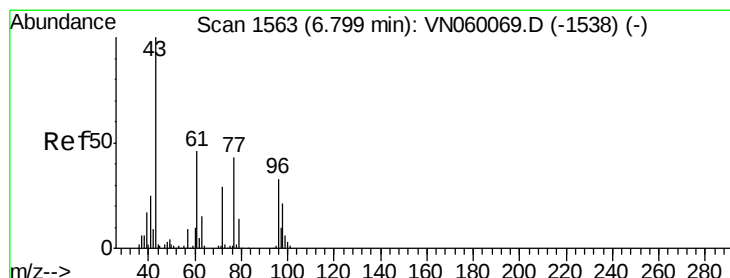
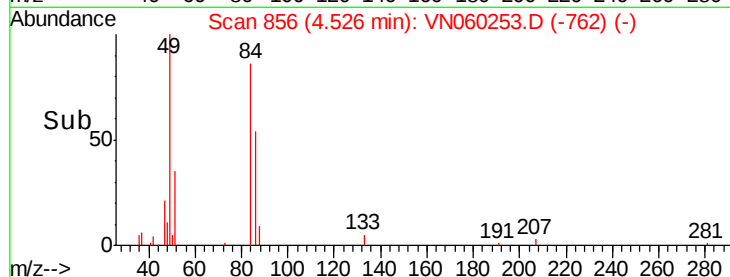
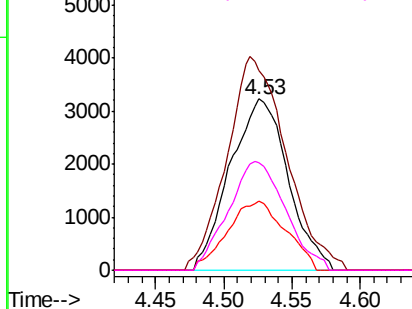
#20
Methvlene Chloride
Concen: 4.277 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060253.D
Acq: 26 Feb 2020 15:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 9544
Ion Ratio Lower Upper
84 100
49 112.0 93.4 140.0
51 40.7 28.4 42.6
86 62.8 52.5 78.7

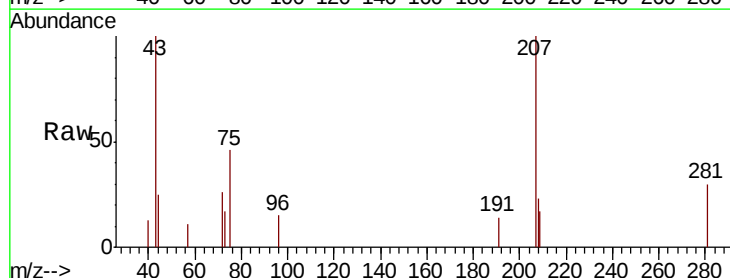


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

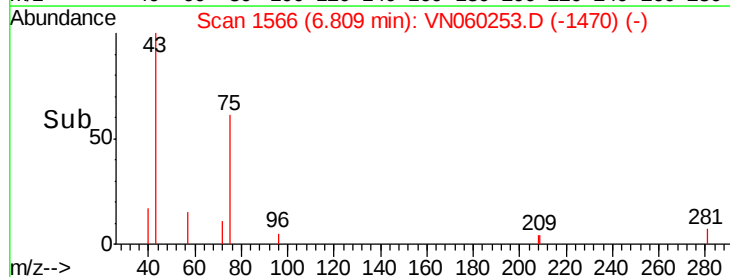
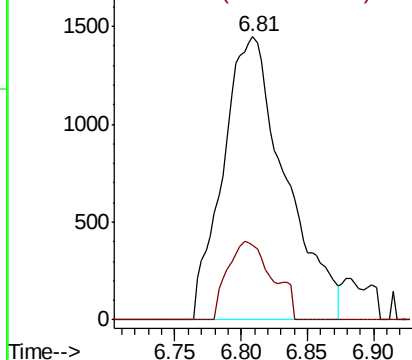


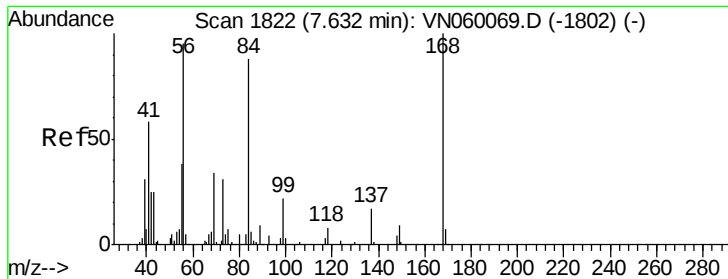
#25
2-Butanone
Concen: 3.377 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060253.D
Acq: 26 Feb 2020 15:57

Tgt Ion: 43 Resp: 4750
Ion Ratio Lower Upper
43 100
72 26.4 23.3 34.9



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





#31

Cyclohexane

Concen: 1.275 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

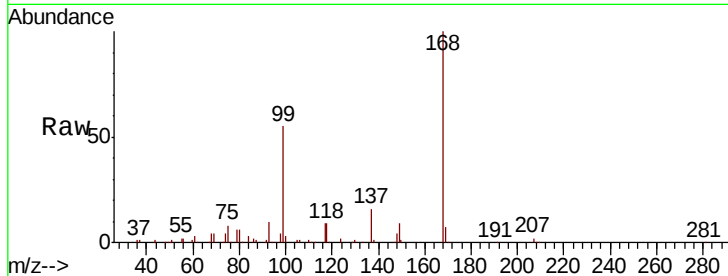
Tot Ion: 56 Resp: 4623

Ion Ratio Lower Upper

56 100

69 178.9 28.3 42.5#

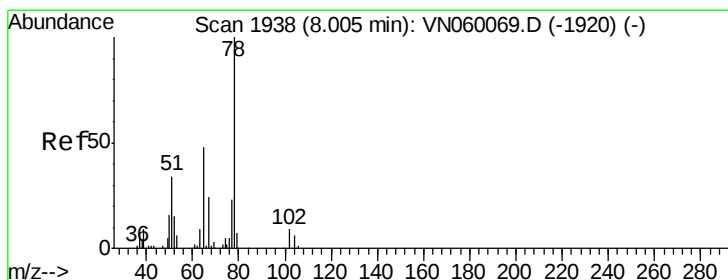
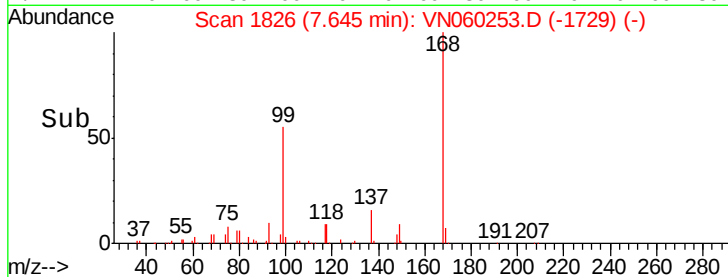
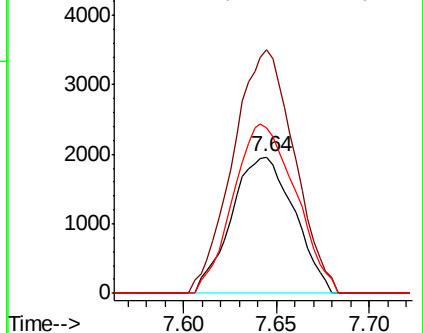
84 121.9 72.6 108.8#



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN060069.D (-1802) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.519 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060253.D

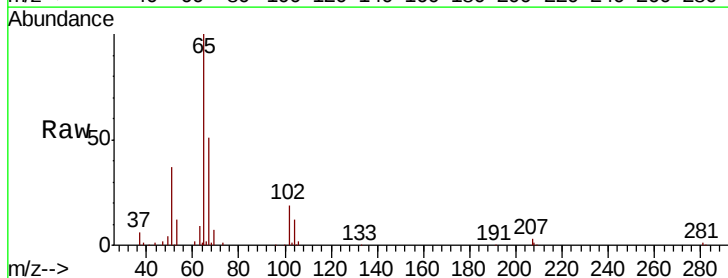
Acq: 26 Feb 2020 15:57

Tgt Ion: 65 Resp: 132103

Ion Ratio Lower Upper

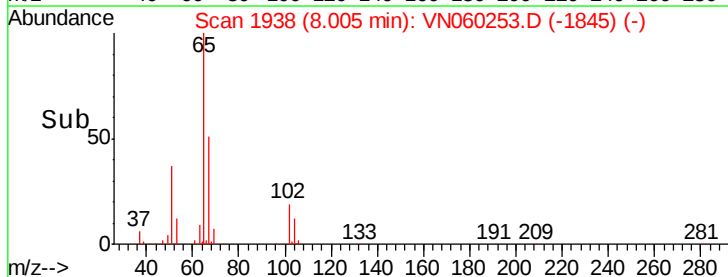
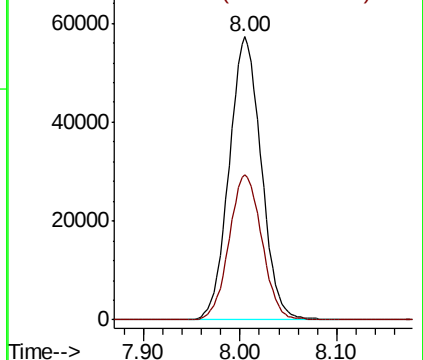
65 100

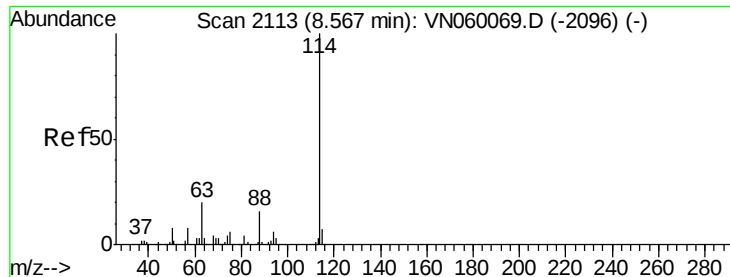
67 52.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)

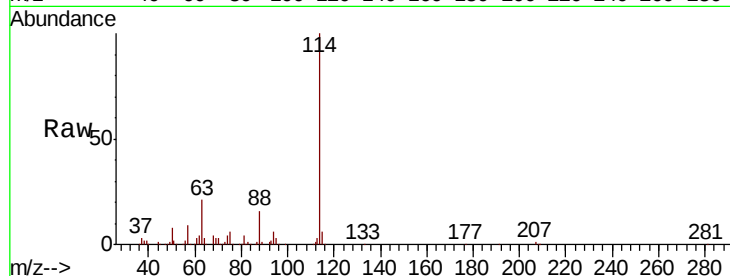




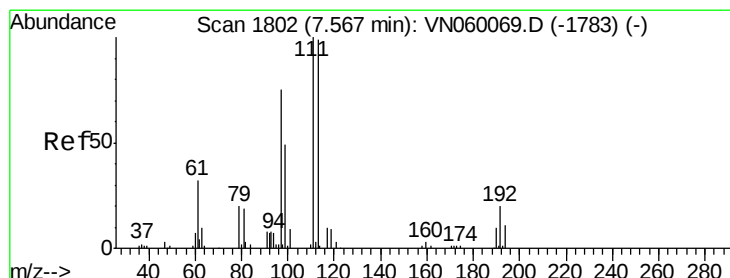
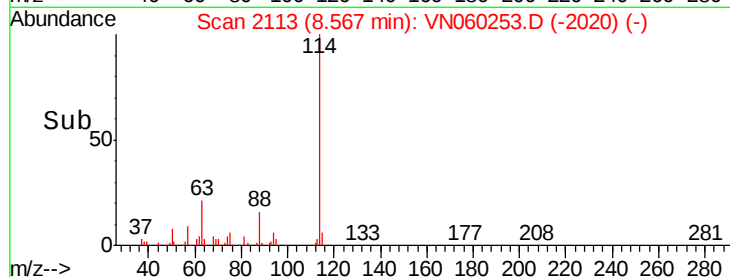
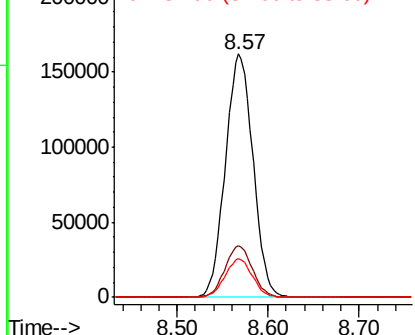
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060253.D
 Acq: 26 Feb 2020 15:57

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.0
88	15.8	0.0	31.6

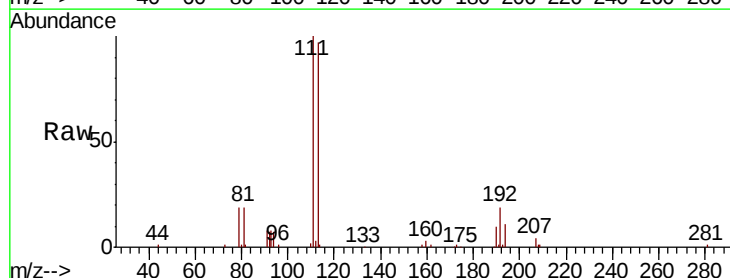


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

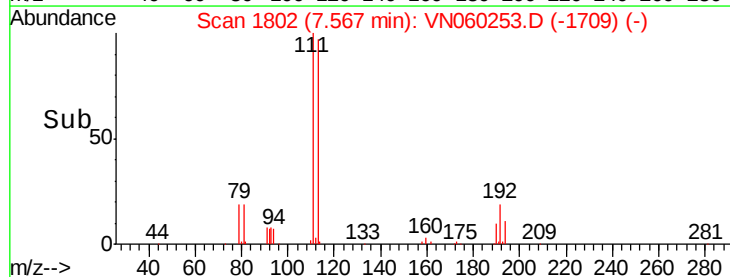
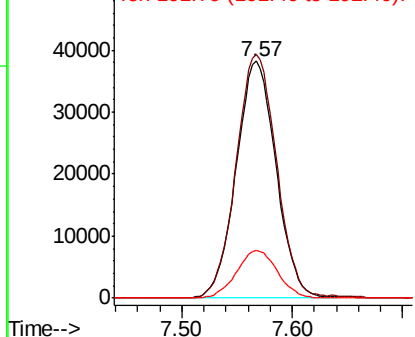


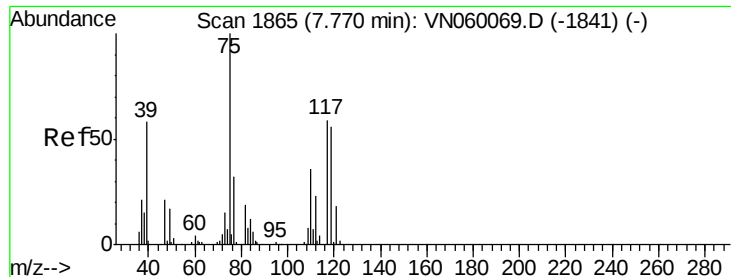
#35
 Dibromofluoromethane
 Concen: 45.649 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060253.D
 Acq: 26 Feb 2020 15:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	20.6	16.2	24.2



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





#36

1,1-Dichloropropene

Concen: 5.121 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.13 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

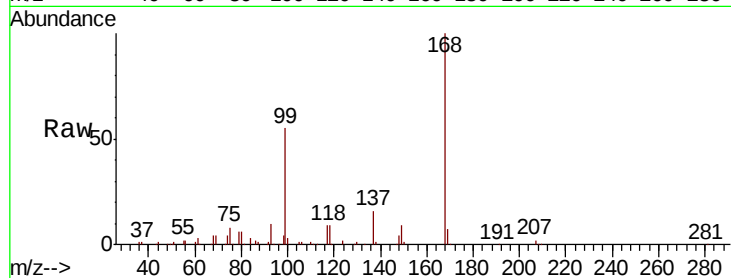
Tot Ion: 75 Resp: 16211

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 25.1 37.7#

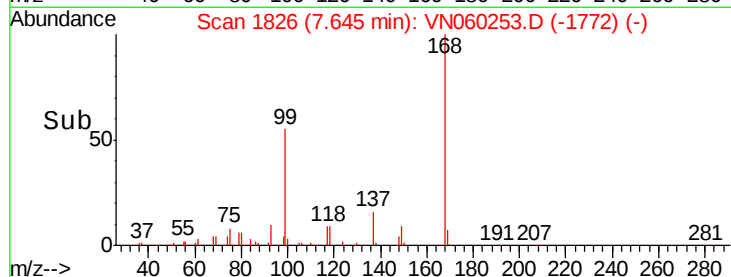


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-1841) (-)

Ion 109.90 (109.60 to 110.60): VN060069.D (-1841) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-1841) (-)

Time-->

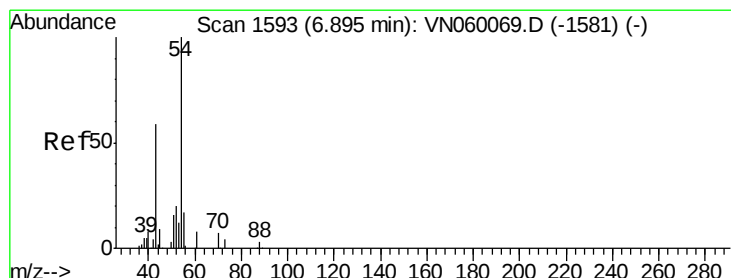


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-1841) (-)

Ion 109.90 (109.60 to 110.60): VN060069.D (-1841) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-1841) (-)

Time-->



#37

Ethyl Acetate

Concen: 1.660 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.09 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

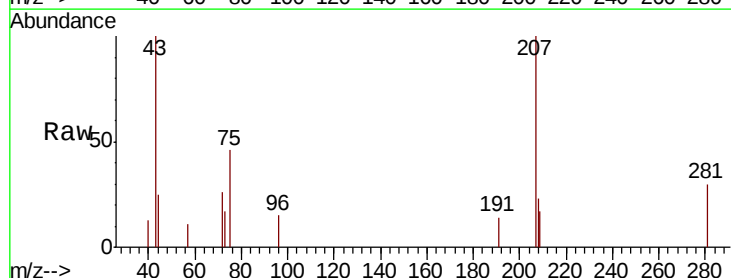
Tgt Ion: 43 Resp: 4750

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

70 0.0 8.7 13.1#

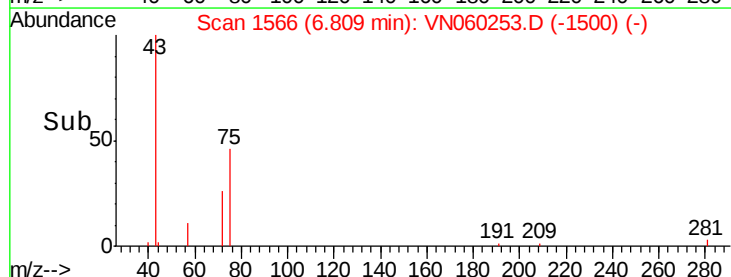


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1581) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1581) (-)

Ion 70.00 (69.70 to 70.70): VN060069.D (-1581) (-)

Time-->

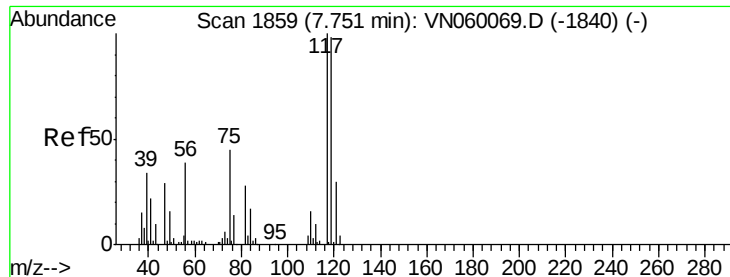


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1581) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1581) (-)

Ion 70.00 (69.70 to 70.70): VN060069.D (-1581) (-)

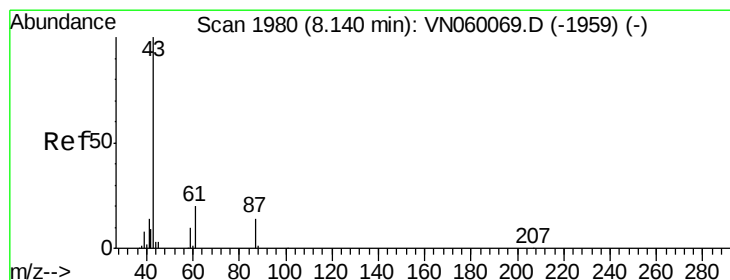
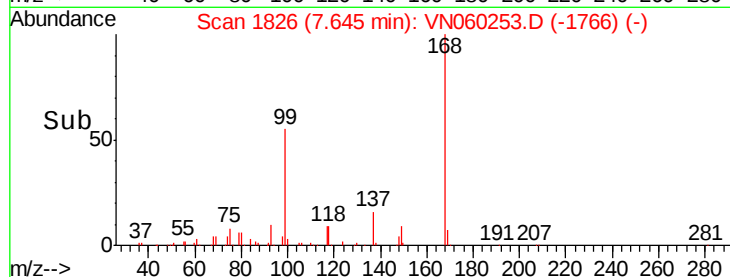
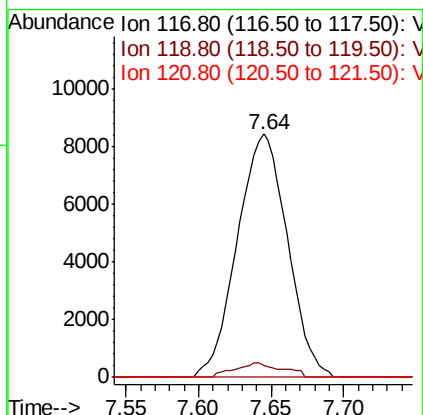
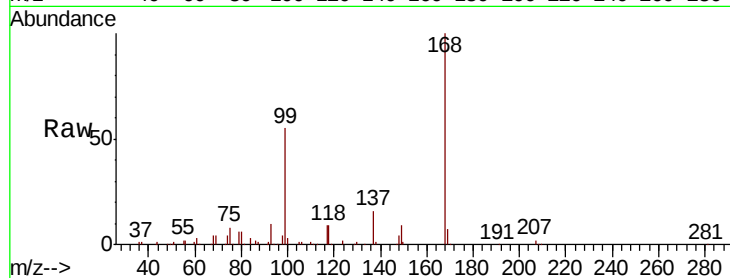
Time-->



#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060253.D
Acq: 26 Feb 2020 15:57

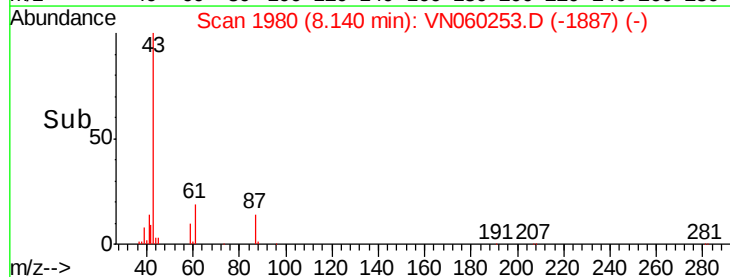
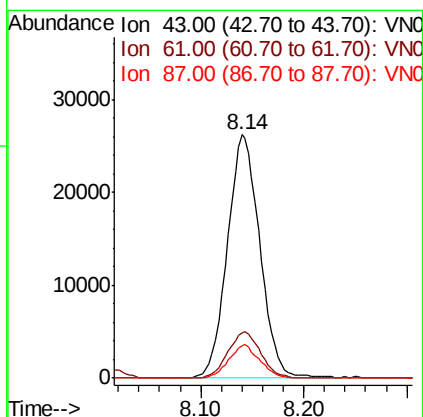
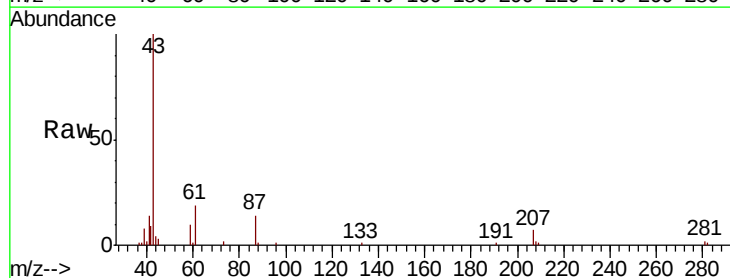
Instrument :
MSVOA_N
ClientSampleId :

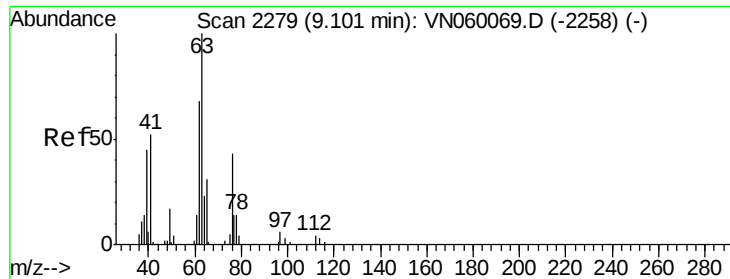
Tot Ion:117 Resp: 20284
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.4#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 11.746 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060253.D
Acq: 26 Feb 2020 15:57

Tgt Ion: 43 Resp: 57449
Ion Ratio Lower Upper
43 100
61 19.1 21.8 32.6#
87 13.0 11.4 17.2





#45

1,2-Dichloropropane

Concen: 0.513 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

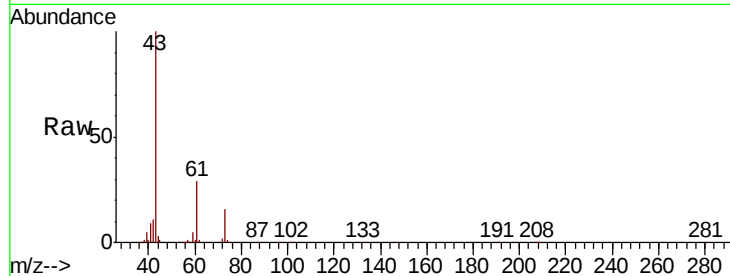
ClientSampleId :

Tot Ion: 63 Resp: 1193

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN060253.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060253.D (-2186) (-)

9.25

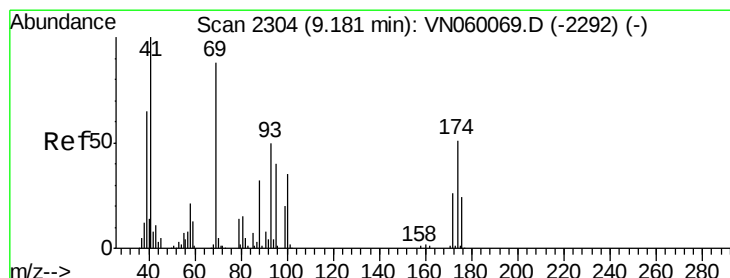
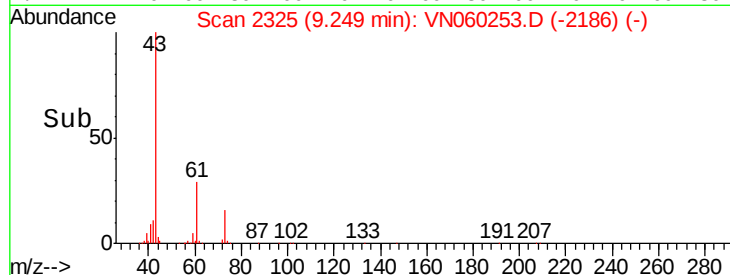
600

400

200

0

Time--> 9.20 9.25 9.30



#48

Methyl methacrylate

Concen: 1.727 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.02 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

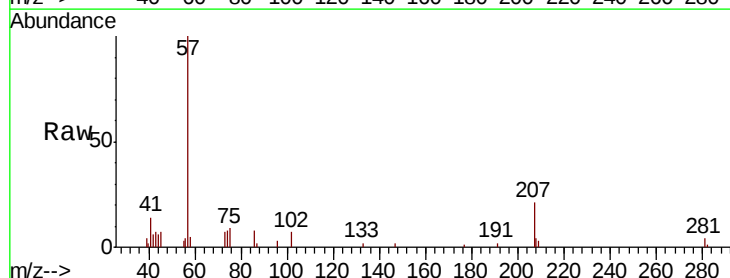
Tgt Ion: 41 Resp: 3789

Ion Ratio Lower Upper

41 100

69 0.0 72.0 108.0#

39 0.0 54.1 81.1#



Abundance Ion 41.00 (40.70 to 41.70): VN060253.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060253.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060253.D (-2211) (-)

60000

50000

40000

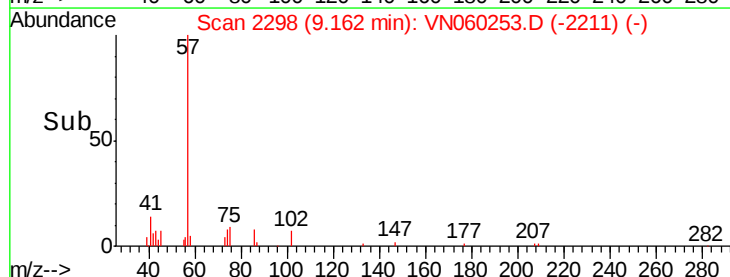
30000

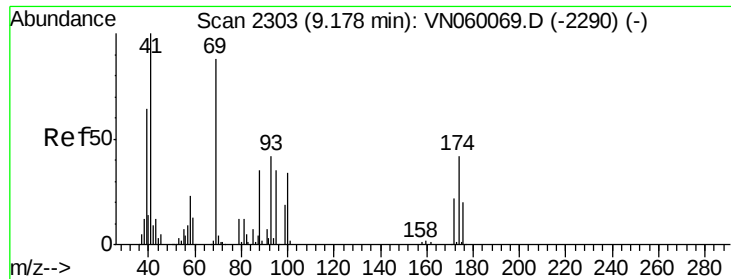
20000

10000

0

Time--> 9.10 9.15 9.20

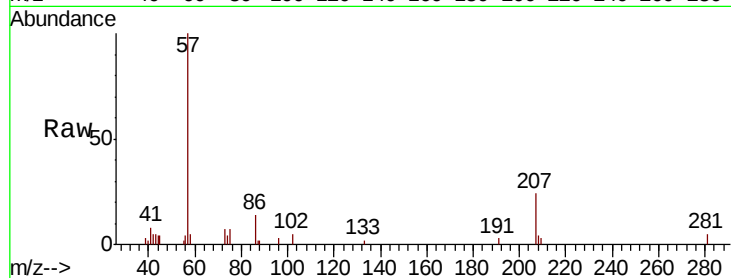




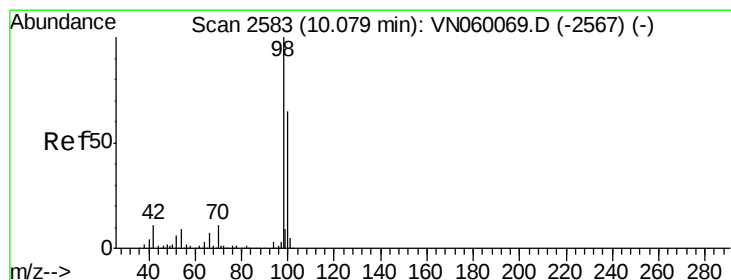
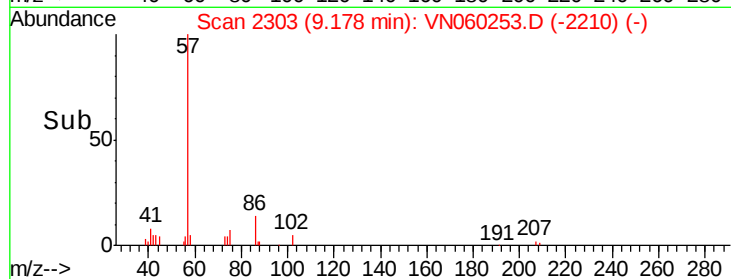
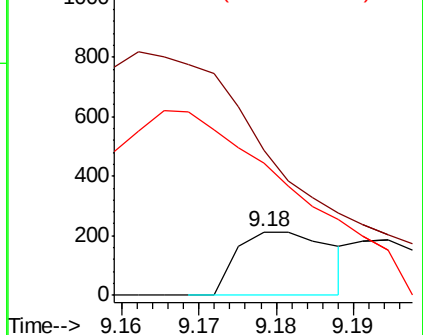
#49
 1,4-Dioxane
 Concen: 4.801 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060253.D
 Acq: 26 Feb 2020 15:57

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 180
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.2 39.2#
 58 776.1 53.2 79.8#

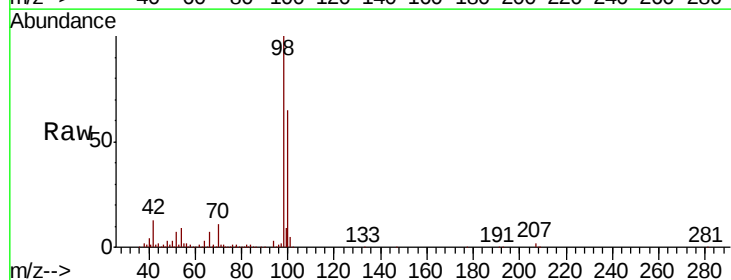


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

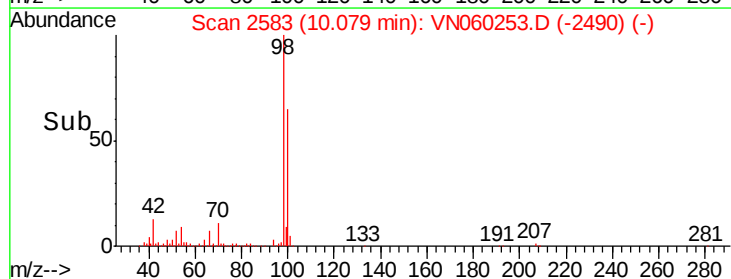
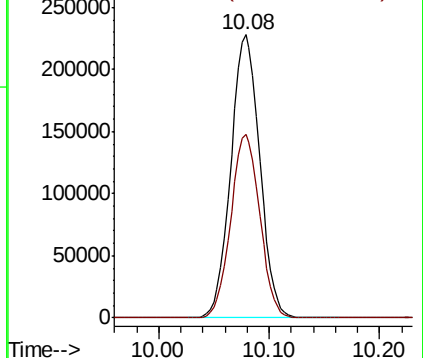


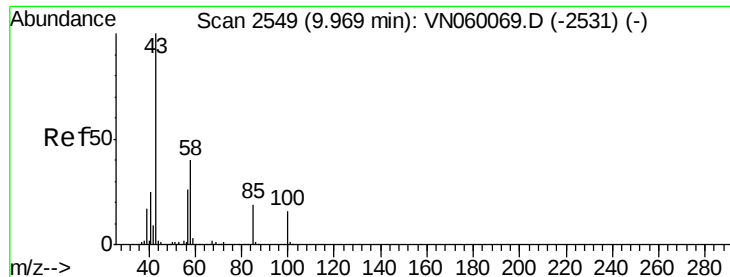
#50
 Toluene-d8
 Concen: 50.098 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060253.D
 Acq: 26 Feb 2020 15:57

Tgt Ion: 98 Resp: 414484
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5



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: 1.321 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

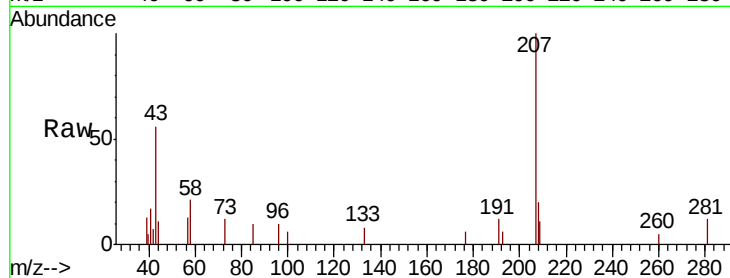
ClientSampleId :

Tot Ion: 43 Resp: 3741

Ion Ratio Lower Upper

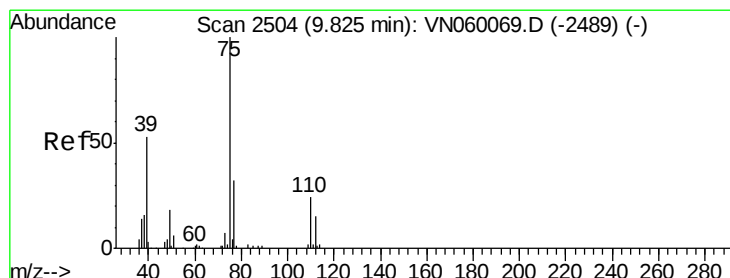
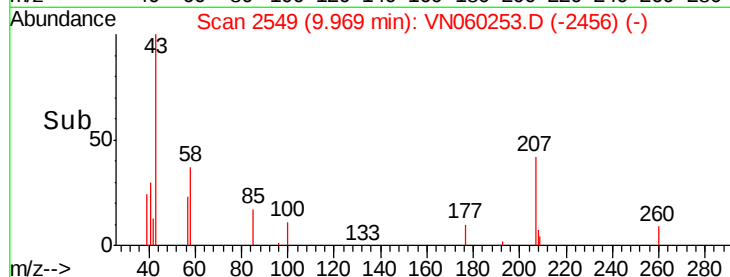
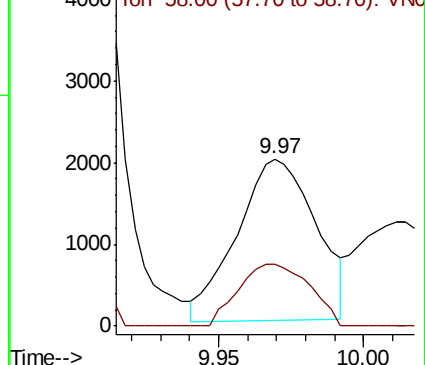
43 100

58 34.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)



#54

cis-1,3-Dichloropropene

Concen: 6.224 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

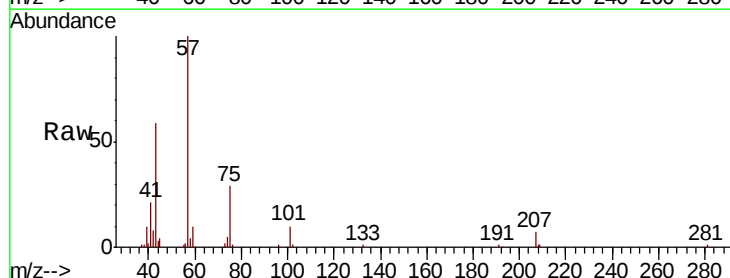
Tgt Ion: 75 Resp: 24712

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

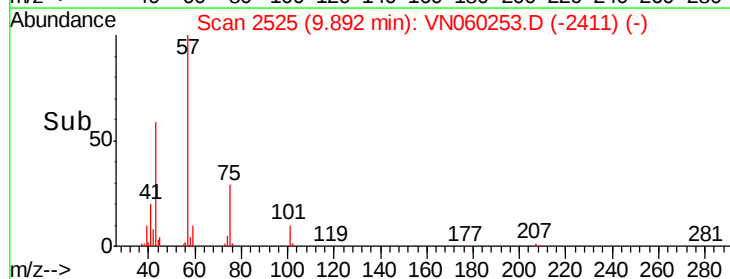
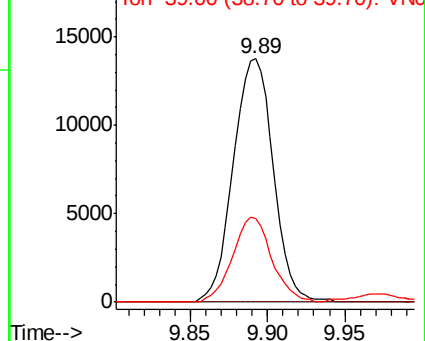
39 34.4 42.2 63.4#

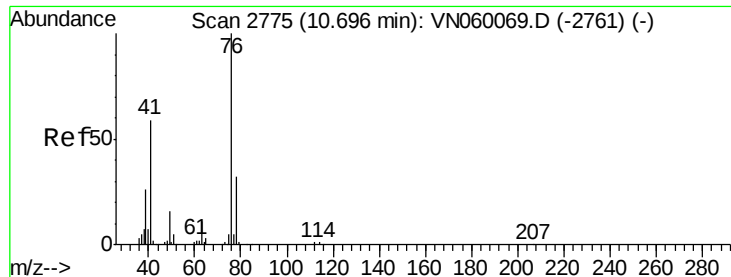


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-2489) (-)

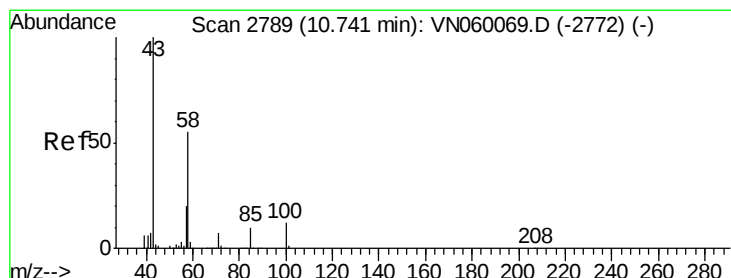
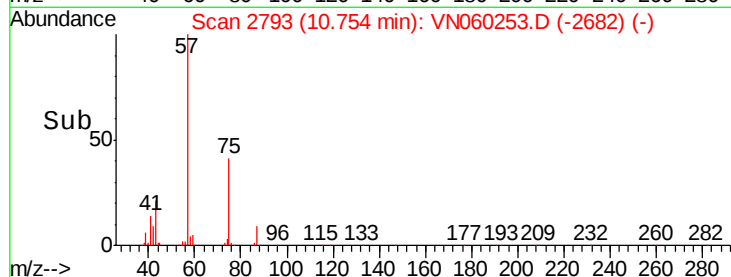
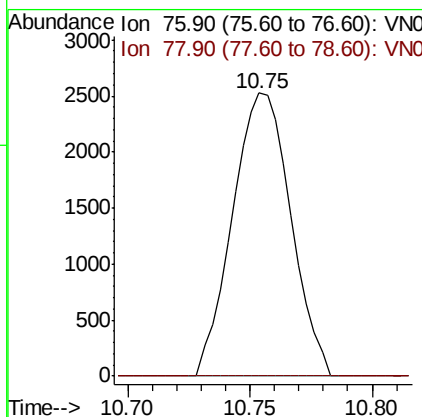
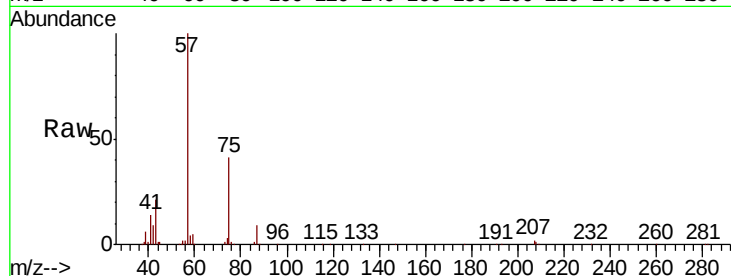




#57
 1,3-Dichloropropane
 Concen: 1.078 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060253.D
 Acq: 26 Feb 2020 15:57

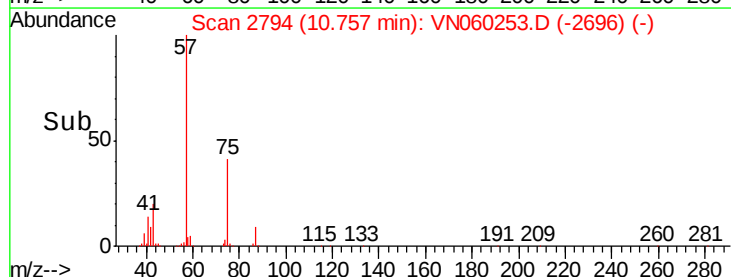
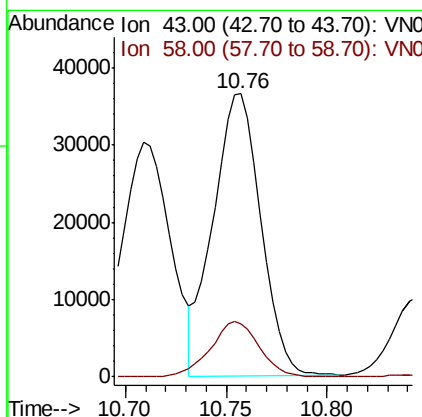
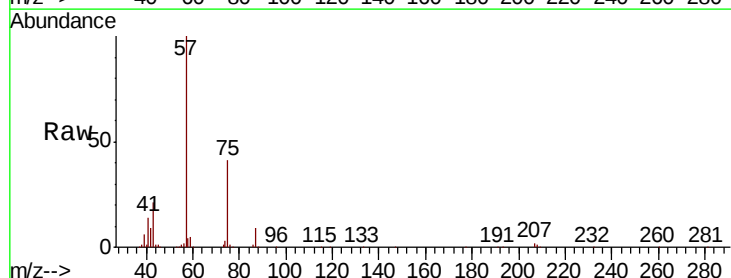
Instrument :
 MSVOA_N
 ClientSampleId :

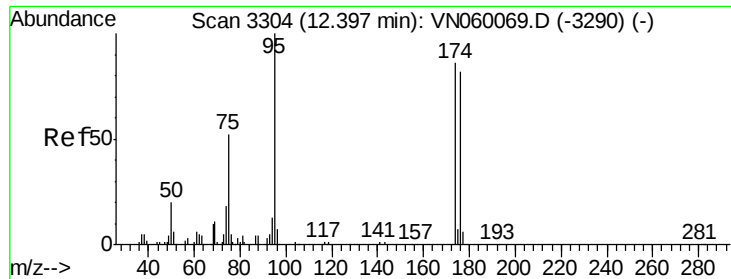
Tot Ion: 76 Resp: 4178
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 27.533 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.02 min
 Lab File: VN060253.D
 Acq: 26 Feb 2020 15:57

Tgt Ion: 43 Resp: 60210
 Ion Ratio Lower Upper
 43 100
 58 19.8 27.5 82.4#





#62

4-Bromofluorobenzene

Concen: 51.811 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

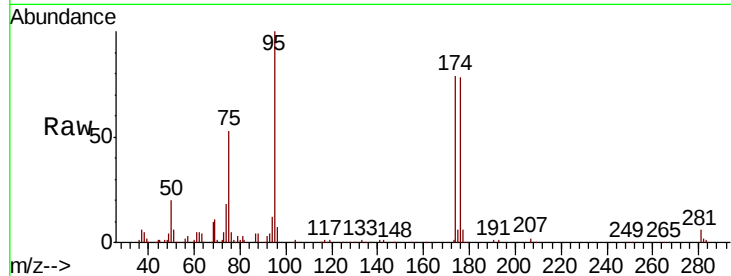
Tot Ion: 95 Resp: 157511

Ion Ratio Lower Upper

95 100

174 80.4 0.0 169.8

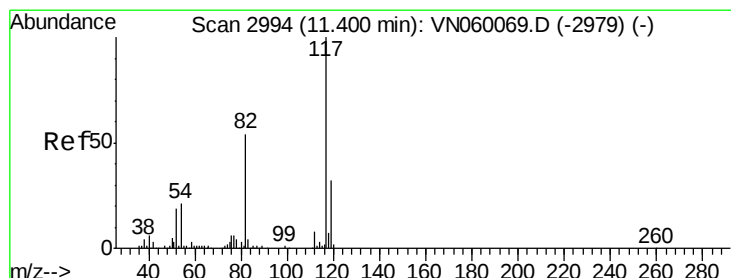
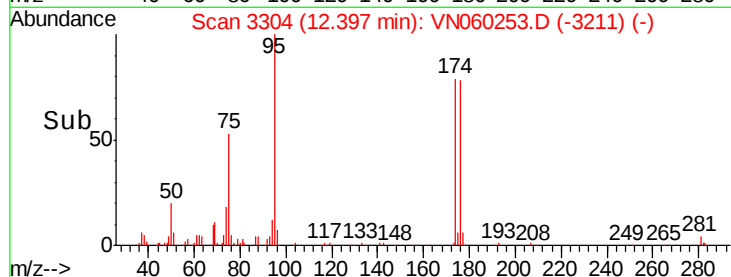
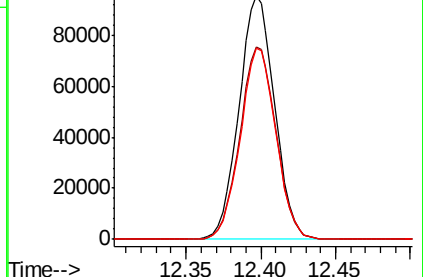
176 78.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

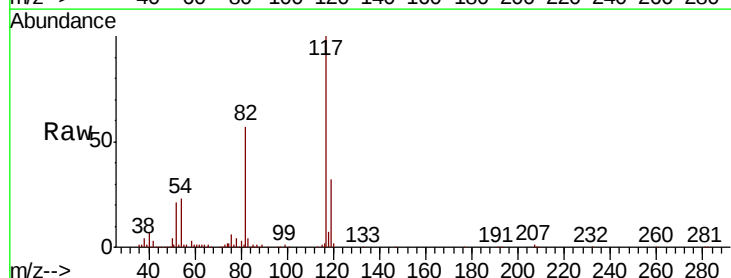
Tgt Ion: 117 Resp: 317790

Ion Ratio Lower Upper

117 100

82 56.7 43.4 65.0

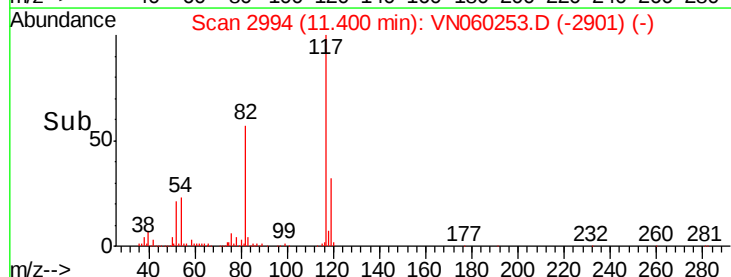
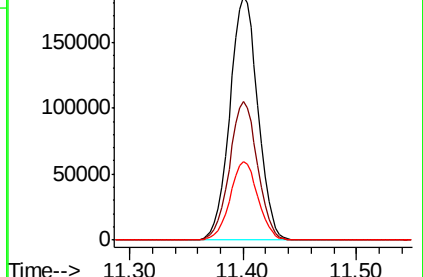
119 32.3 25.8 38.6

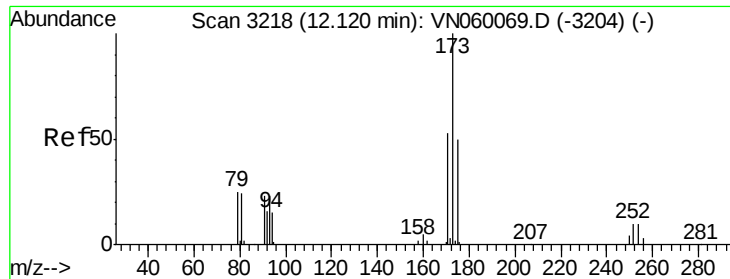


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)





#71

Bromoform

Concen: 0.364 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

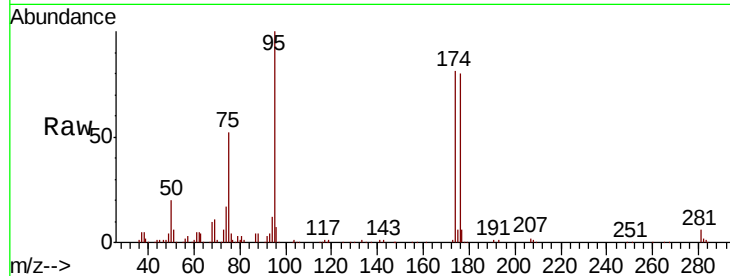
Tot Ion:173 Resp: 717

Ion Ratio Lower Upper

173 100

175 1108.5 24.9 74.6#

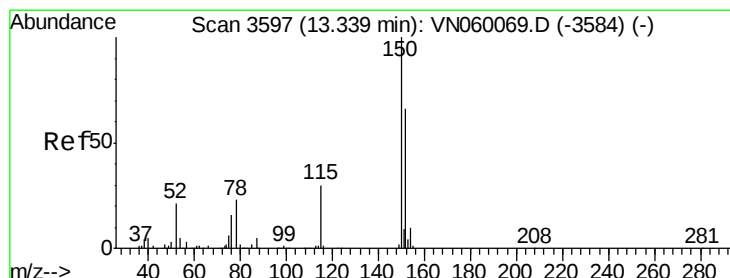
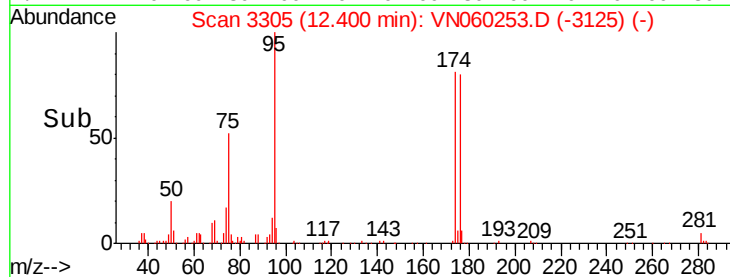
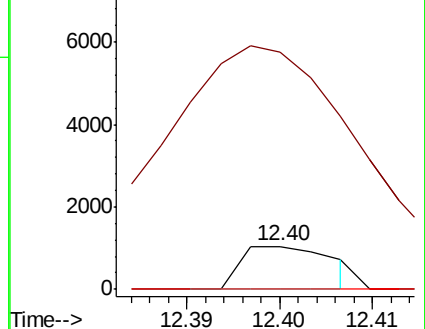
254 0.0 0.0 0.0



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

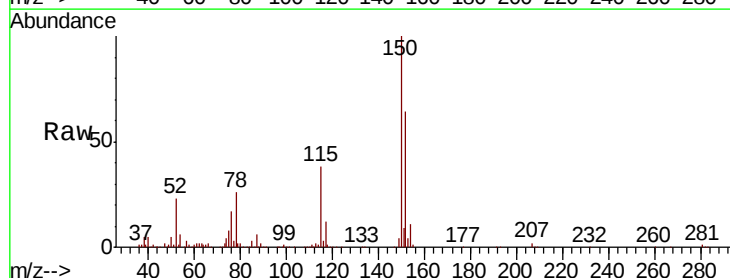
Tgt Ion:152 Resp: 155689

Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.8

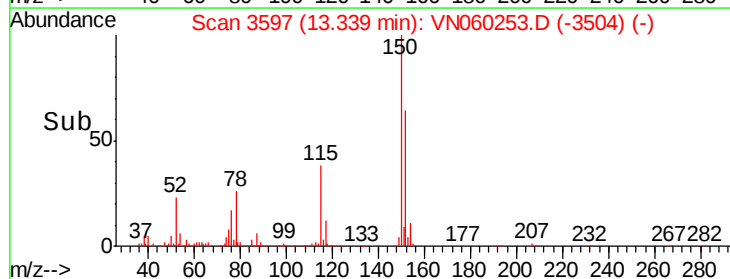
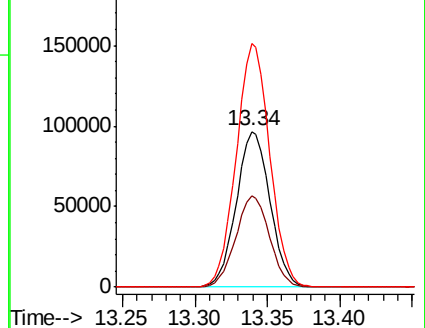
150 156.2 0.0 342.4

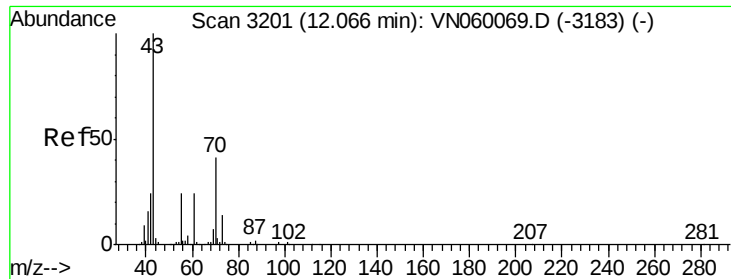


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.977 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4094

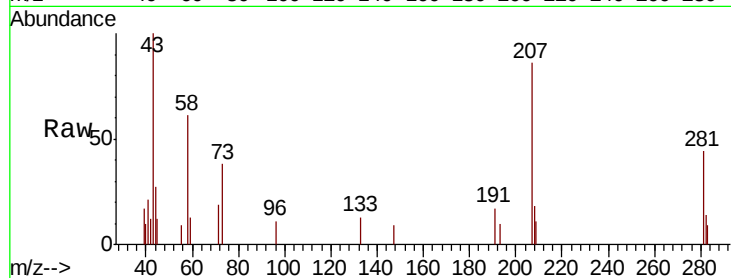
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 4.1 18.8 28.2#

61 0.0 19.2 28.8#

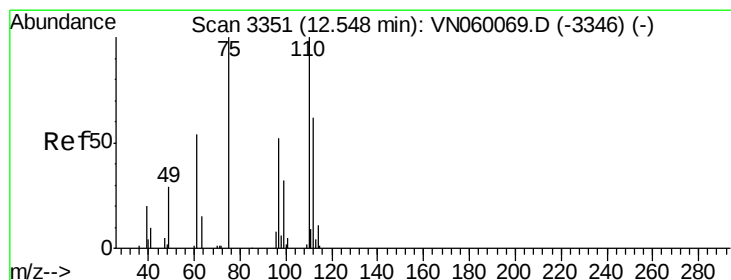
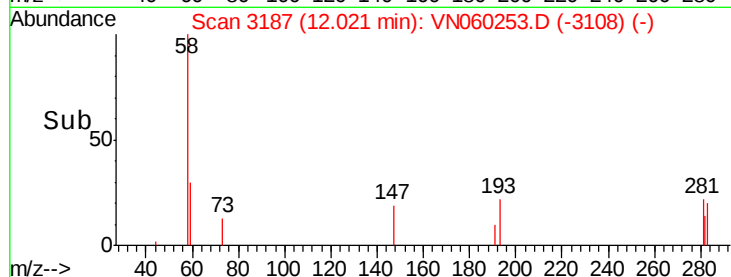
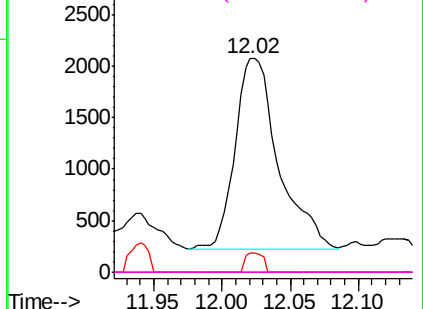


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-3183) (-)

Ion 70.00 (69.70 to 70.70): VN060069.D (-3183) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-3183) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-3183) (-)



#76

1,2,3-Trichloropropane

Concen: 27.517 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060253.D

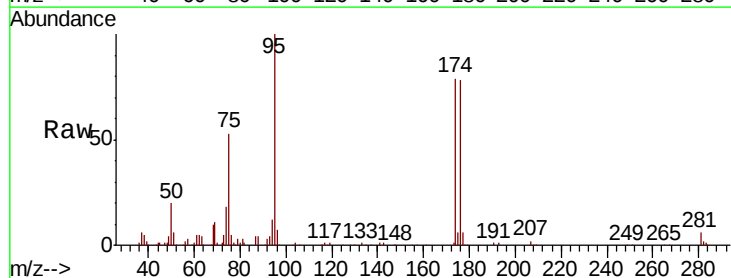
Acq: 26 Feb 2020 15:57

Tgt Ion: 75 Resp: 81963

Ion Ratio Lower Upper

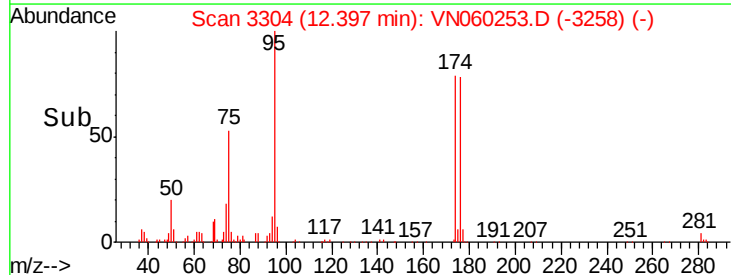
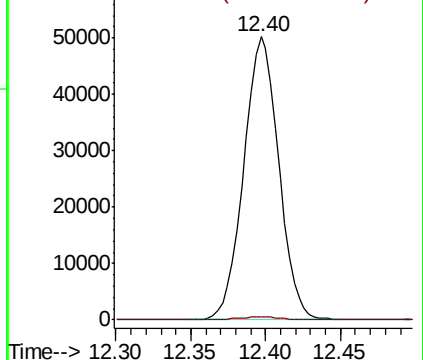
75 100

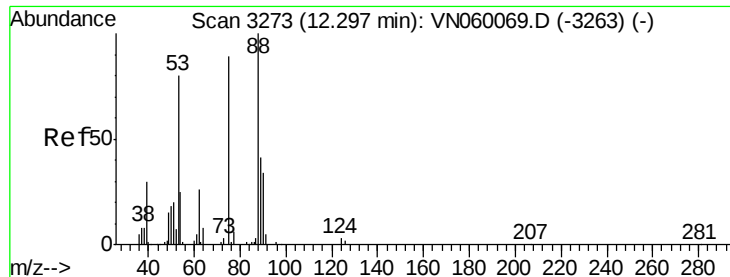
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 67.375 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

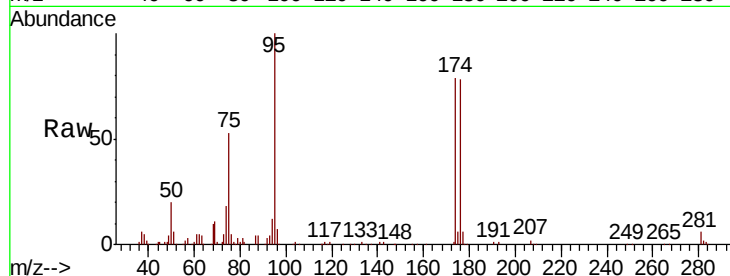
Tot Ion: 75 Resp: 81963

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

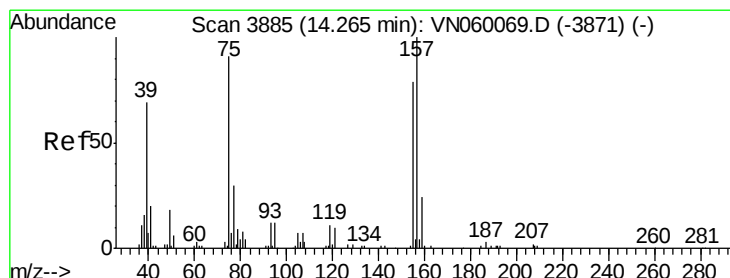
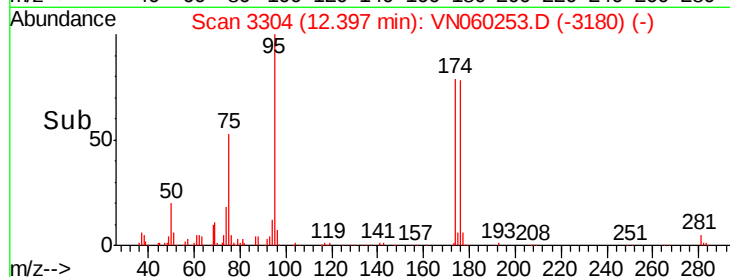
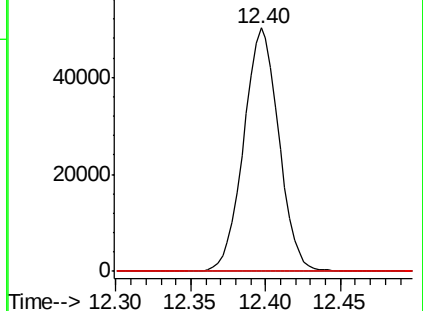
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.30 min Scan# 3896

Delta R.T. 0.04 min

Lab File: VN060253.D

Acq: 26 Feb 2020 15:57

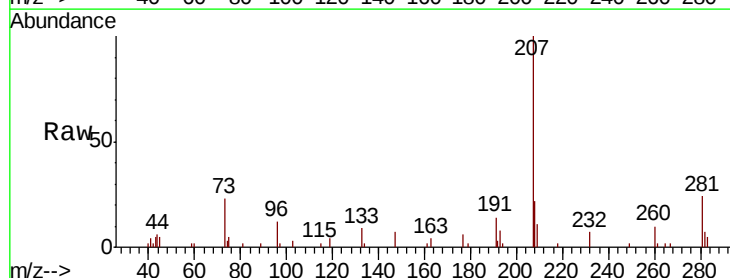
Tgt Ion: 75 Resp: 153

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



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

