

Data File : VN060459.D
Acq On : 11 Mar 2020 18:35
Operator : JC/MD
Sample : PB127431ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB127431ZHE#01

Quant Time: Mar 12 03:42:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123923	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.57	113	92778	64.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.54%	
50) Toluene-d8	10.08	98	383878	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.40	95	144945	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

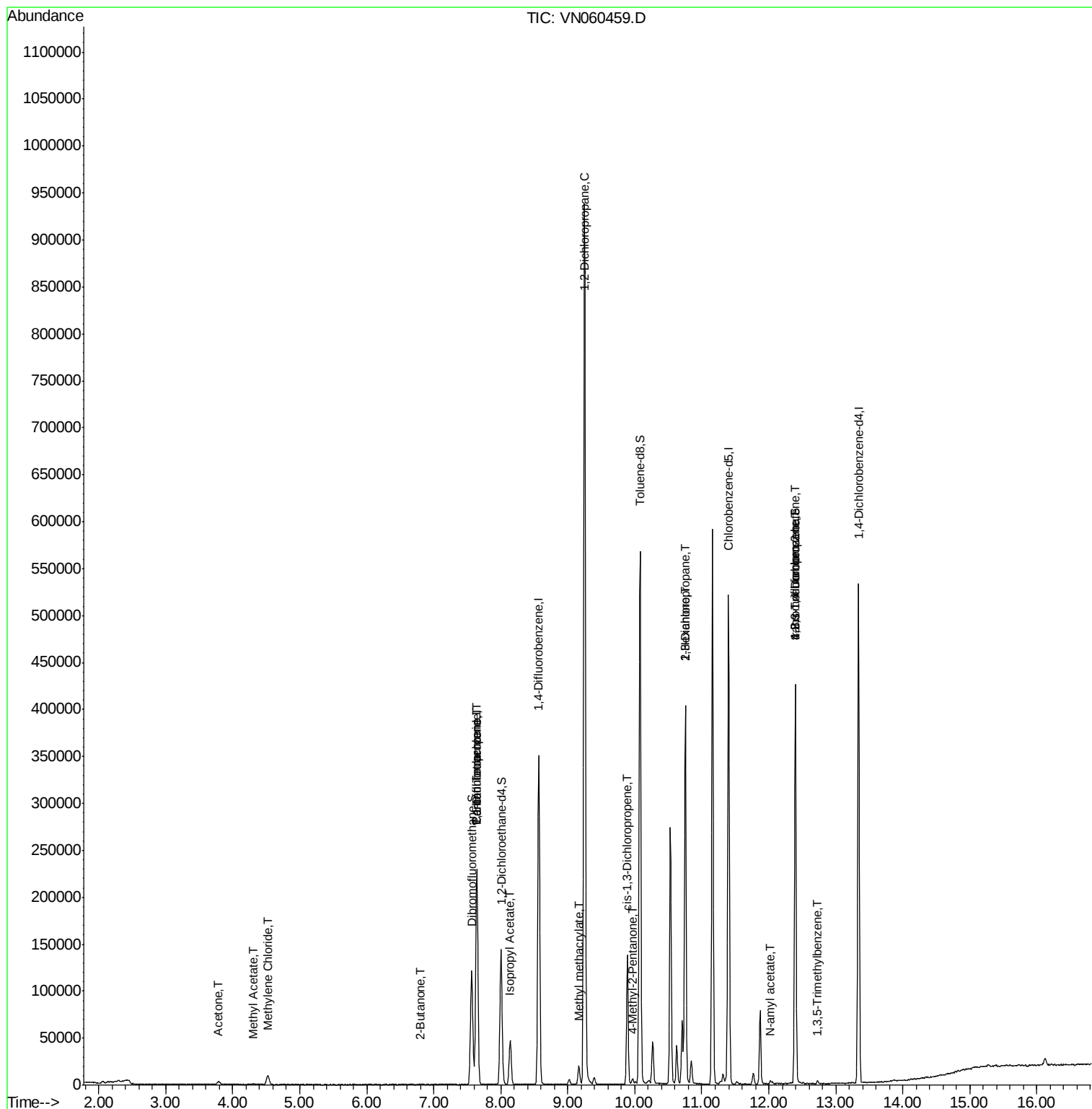
Target Compounds				Qvalue		
16) Acetone	3.79	43	6591	8.467	ug/l	97
18) Methyl Acetate	4.30	43	1670	0.643	ug/l #	52
20) Methylene Chloride	4.53	84	7572	3.542	ug/l	96
25) 2-Butanone	6.80	43	367	0.292	ug/l #	49
31) Cyclohexane	7.64	56	3869	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	14809	5.035	ug/l #	49
38) Carbon Tetrachloride	7.64	117	18223	6.364	ug/l #	16
43) Isopropyl Acetate	8.14	43	56924	11.676	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1068	0.477	ug/l #	44
48) Methyl methacrylate	9.16	41	2942	1.323	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	4438	1.605	ug/l	90
54) cis-1,3-Dichloropropene	9.89	75	24447	6.519	ug/l #	59
57) 1,3-Dichloropropane	10.75	76	3958	1.122	ug/l #	42
59) 2-Hexanone	10.75	43	59171	29.154	ug/l #	52
74) N-amyl acetate	12.02	43	2208	0.491	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	73869	24.253	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2327	0.269	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	73869	66.948	ug/l #	8

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

Data File : VN060459.D
Acq On : 11 Mar 2020 18:35
Operator : JC/MD
Sample : PB127431ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB127431ZHE#01

Quant Time: Mar 12 03:42:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 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: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

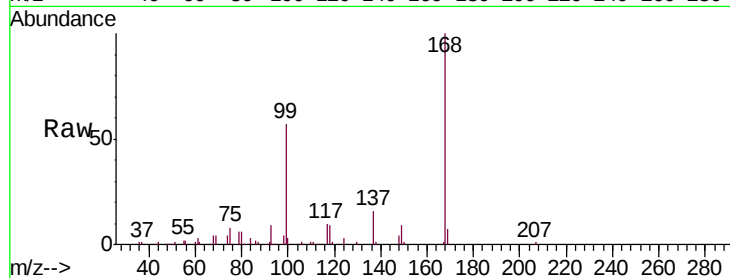
PB127431ZHE#01

Tgt Ion:168 Resp: 187872

Ion Ratio Lower Upper

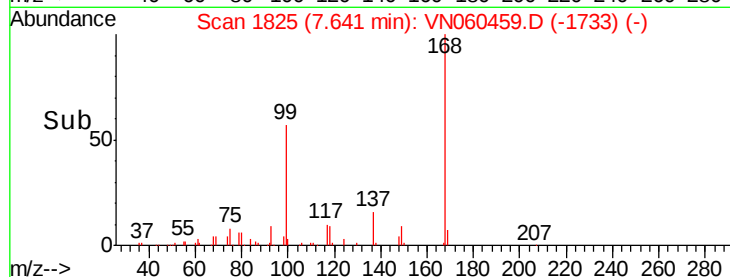
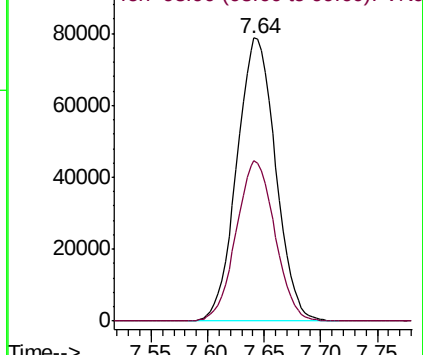
168 100

99 56.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.467 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060459.D

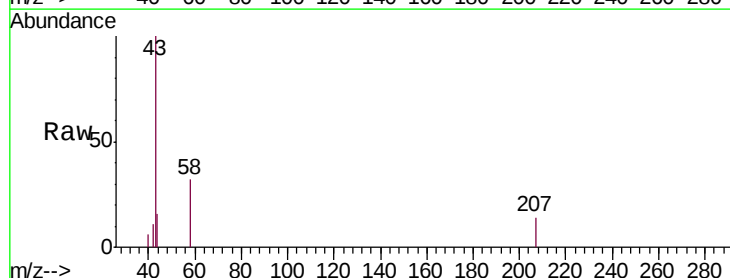
Acq: 11 Mar 2020 18:35

Tgt Ion: 43 Resp: 6591

Ion Ratio Lower Upper

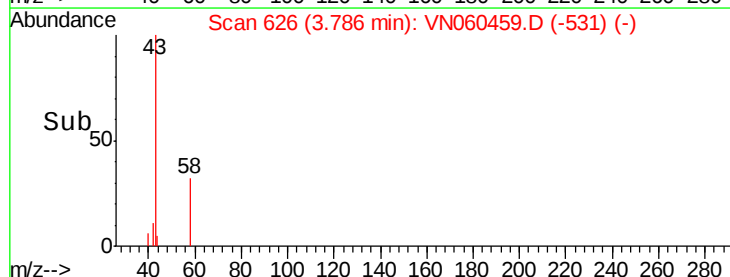
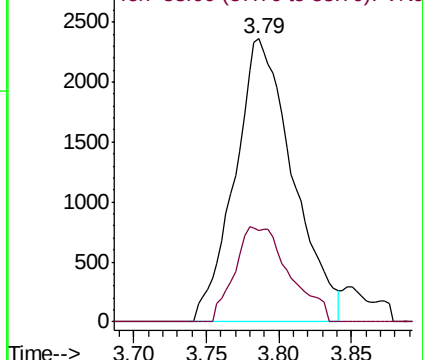
43 100

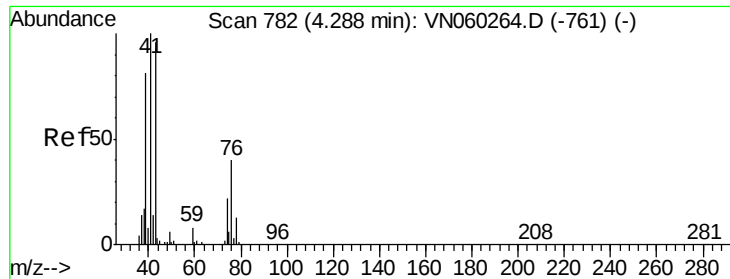
58 32.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

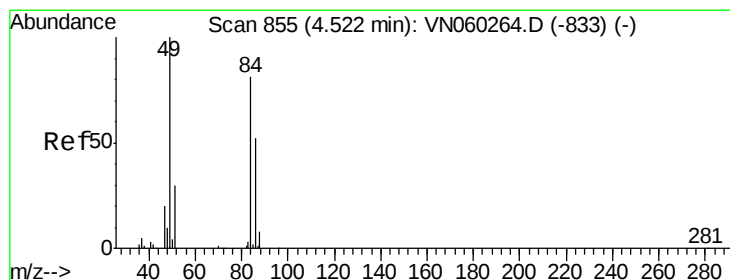
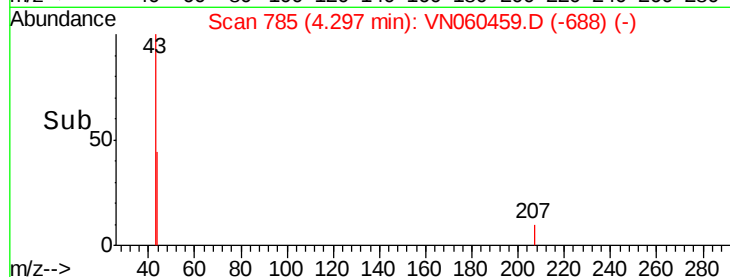
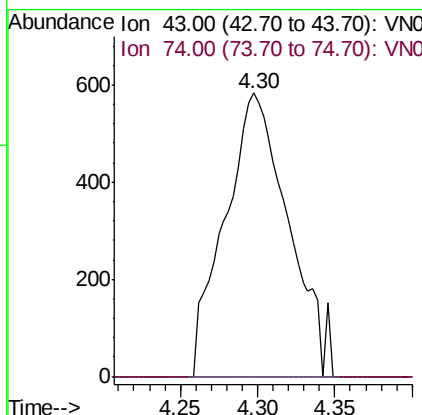
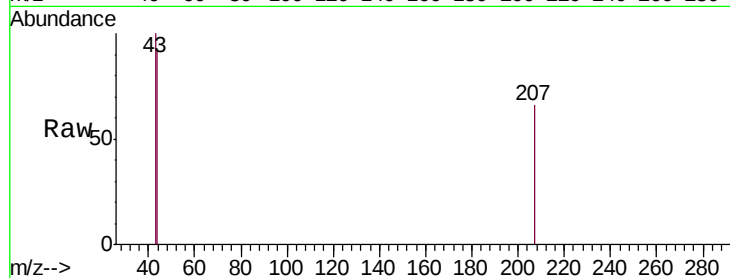




#18
Methyl Acetate
Concen: 0.643 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060459.D
Acq: 11 Mar 2020 18:35

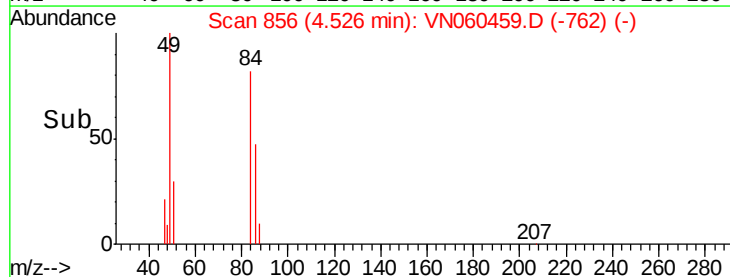
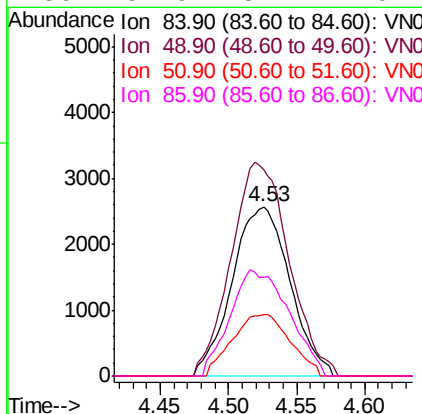
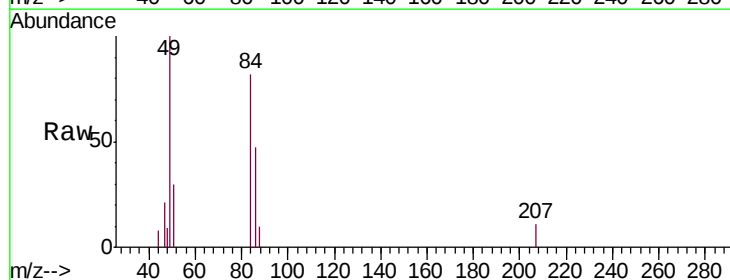
Instrument :
MSVOA_N
ClientSampleId :
PB127431ZHE#01

Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 3.542 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060459.D
Acq: 11 Mar 2020 18:35

Tgt Ion: 84 Resp: 7572
Ion Ratio Lower Upper
84 100
49 122.0 99.3 148.9
51 36.1 30.1 45.1
86 57.9 51.1 76.7

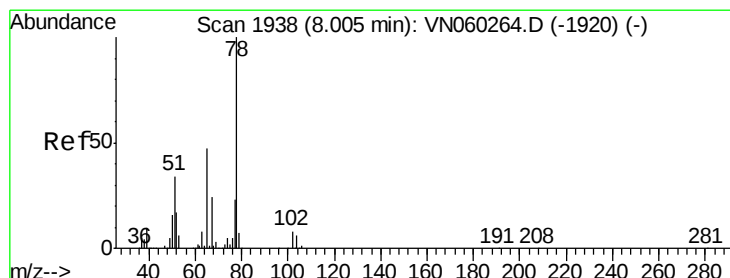
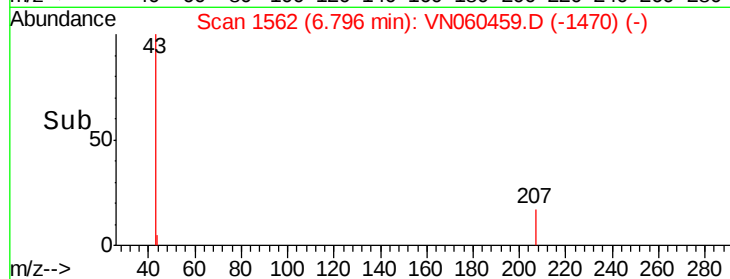
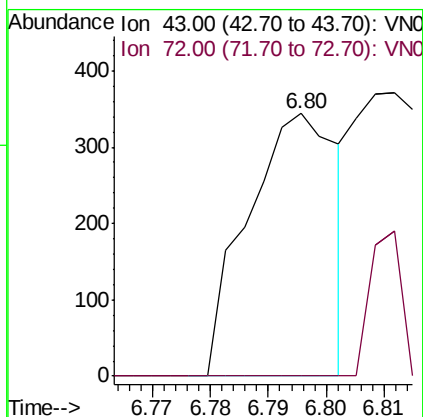
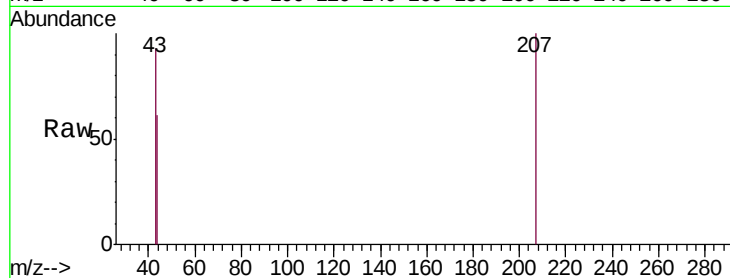




#25
2-Butanone
Concen: 0.292 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060459.D
Acq: 11 Mar 2020 18:35

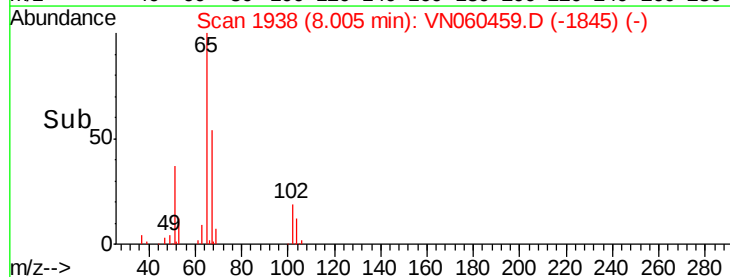
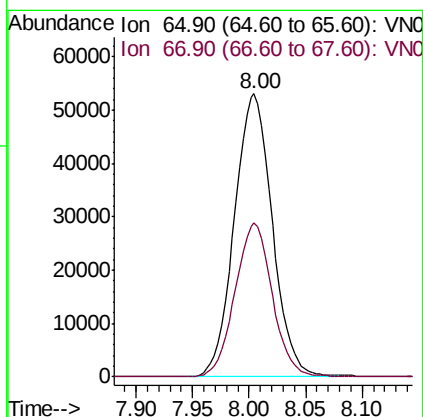
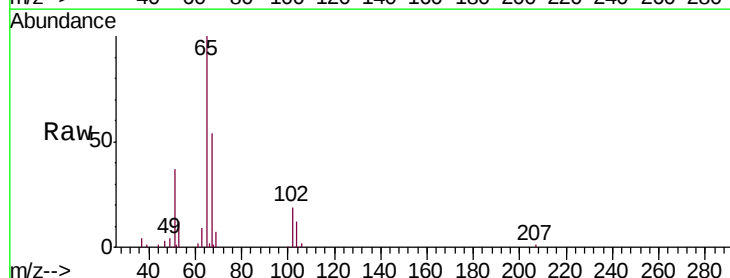
Instrument :
MSVOA_N
ClientSampleId :
PB127431ZHE#01

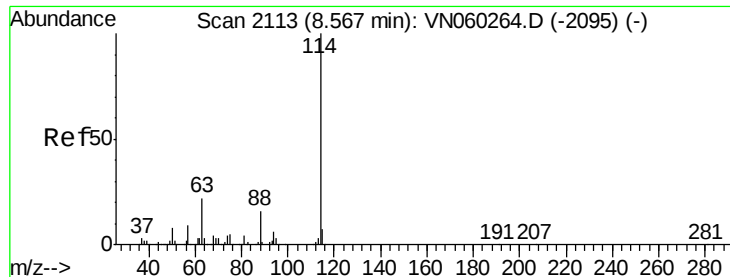
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#33
1,2-Dichloroethane-d4
Concen: 51.411 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060459.D
Acq: 11 Mar 2020 18:35

Tgt Ion: 65 Resp: 123923
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.8

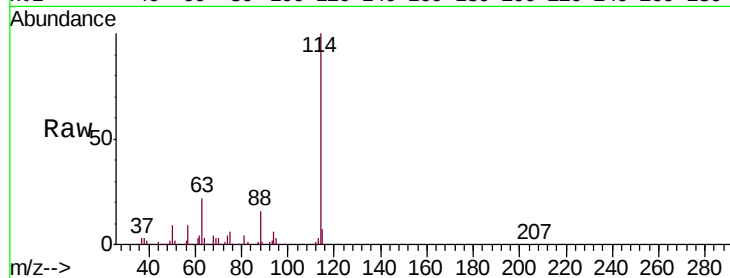




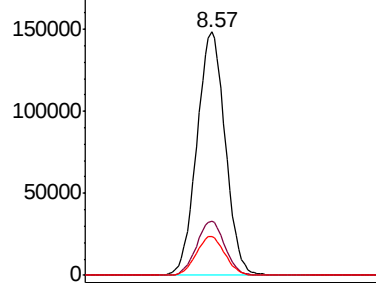
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060459.D
 Acq: 11 Mar 2020 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431ZHE#01

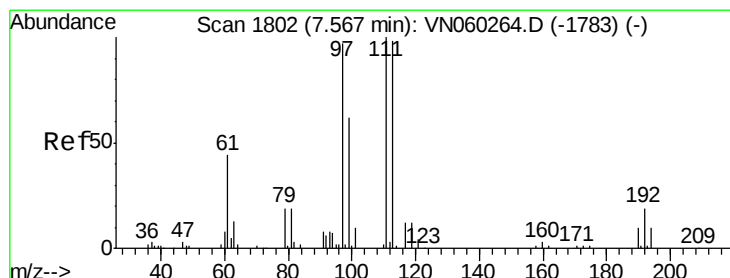
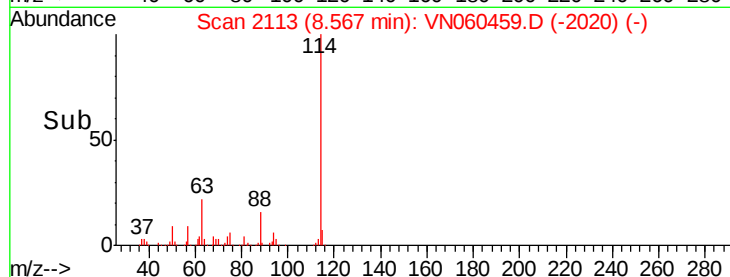
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	15.9	0.0	31.6



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

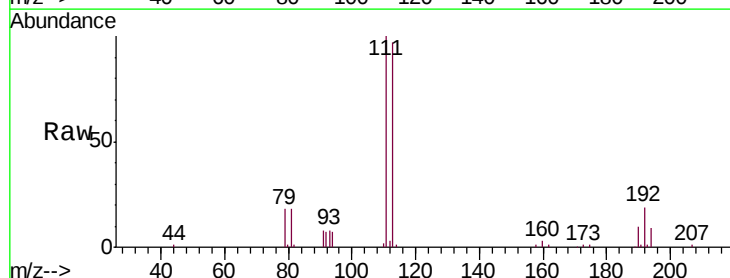


Time-->

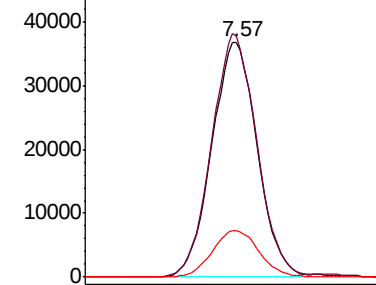


#35
 Dibromofluoromethane
 Concen: 64.769 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060459.D
 Acq: 11 Mar 2020 18:35

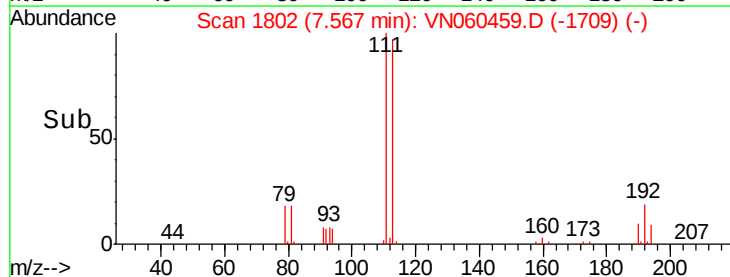
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	20.3	16.2	24.2



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



Time-->





#36

1,1-Dichloropropene

Concen: 5.035 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#01

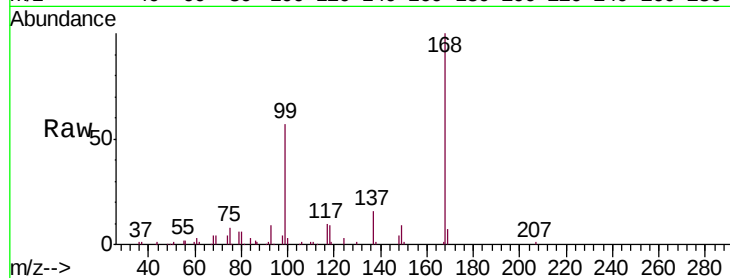
Tgt Ion: 75 Resp: 14809

Ion Ratio Lower Upper

75 100

110 8.0 17.3 52.0#

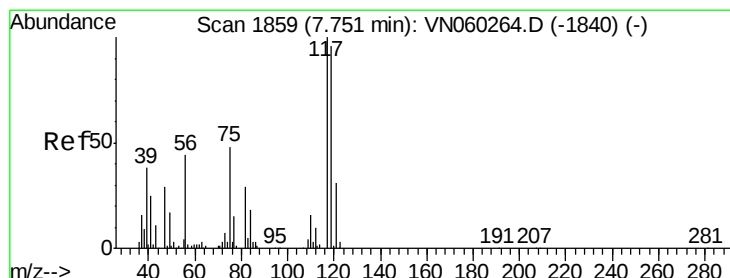
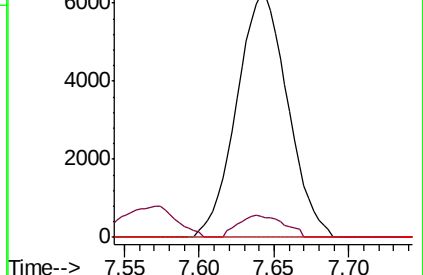
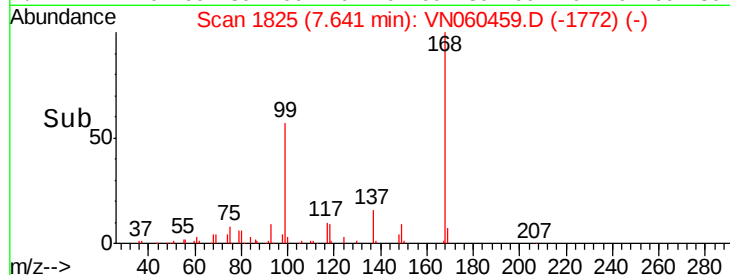
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060459.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN060459.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN060459.D (-1772) (-)



#38

Carbon Tetrachloride

Concen: 6.364 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

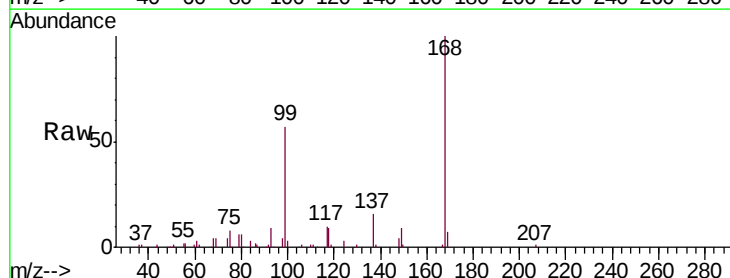
Tgt Ion: 117 Resp: 18223

Ion Ratio Lower Upper

117 100

119 5.1 76.7 115.1#

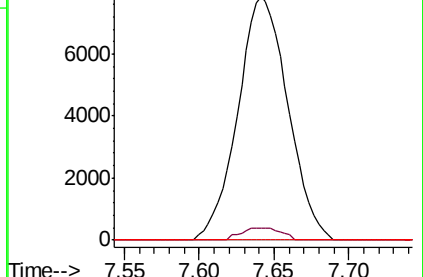
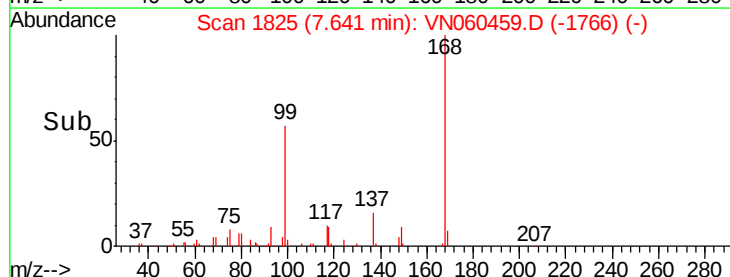
121 0.0 24.5 36.7#

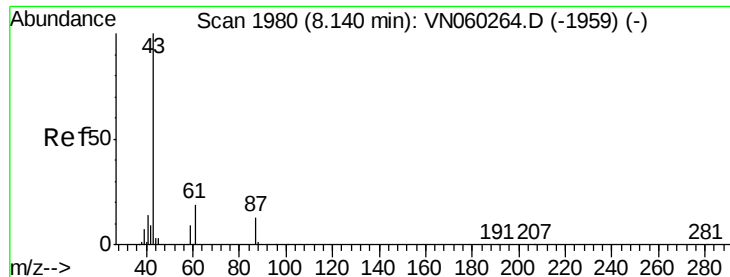


Abundance Ion 116.80 (116.50 to 117.50): VN060459.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN060459.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN060459.D (-1766) (-)





#43

Isopropyl Acetate

Concen: 11.676 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#01

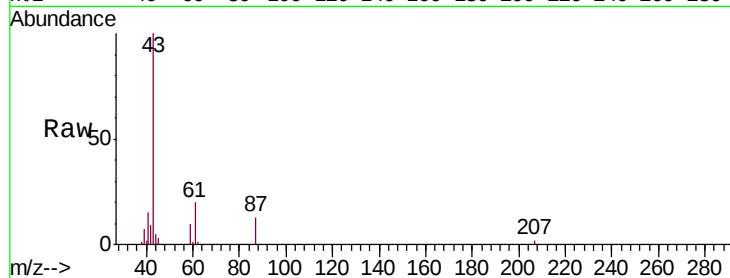
Tgt Ion: 43 Resp: 56924

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

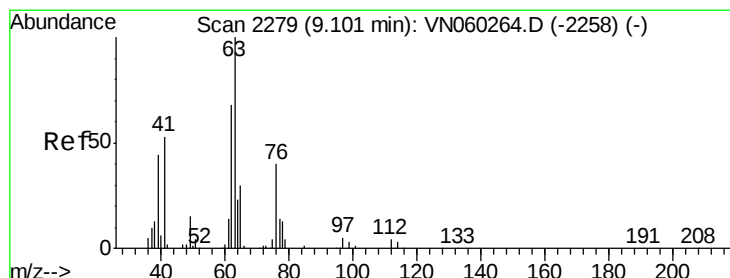
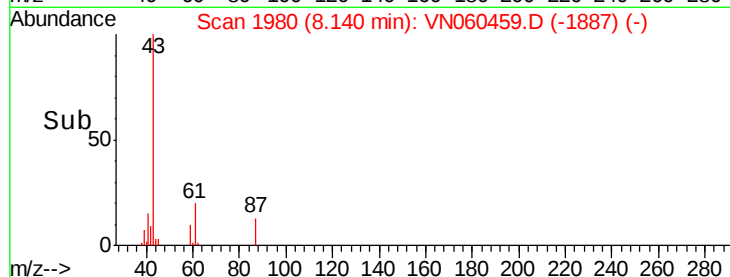
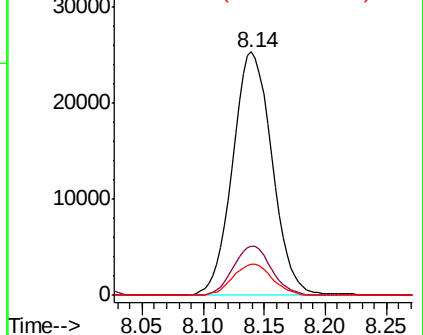
87 12.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#45

1,2-Dichloropropane

Concen: 0.477 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060459.D

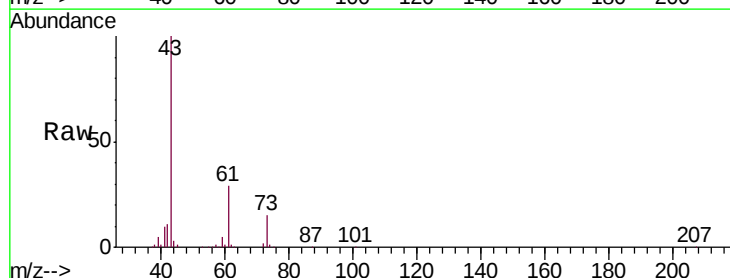
Acq: 11 Mar 2020 18:35

Tgt Ion: 63 Resp: 1068

Ion Ratio Lower Upper

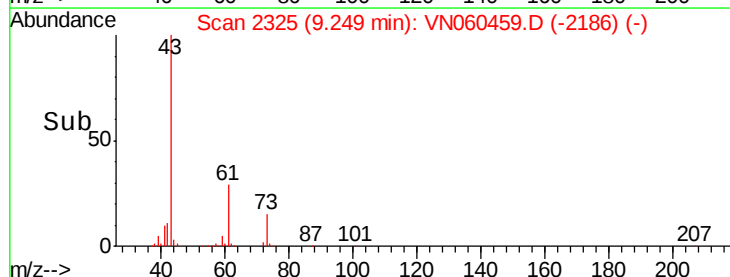
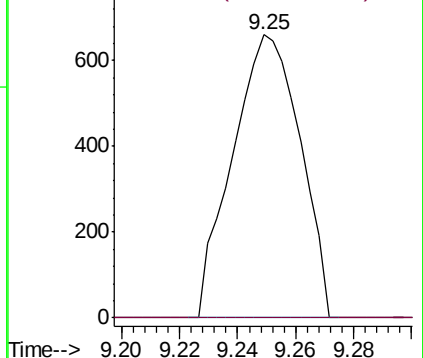
63 100

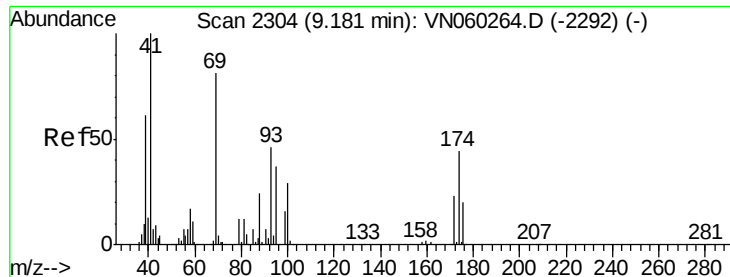
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN060264.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060264.D (-2258) (-)





#48

Methyl methacrylate

Concen: 1.323 ug/l

RT: 9.16 min Scan# 2297

Delta R.T. -0.02 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#01

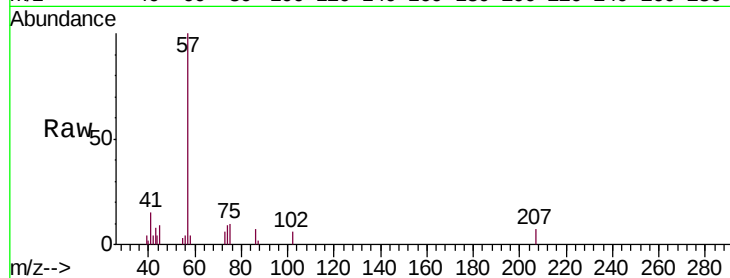
Tgt Ion: 41 Resp: 2942

Ion Ratio Lower Upper

41 100

69 0.0 66.7 100.1#

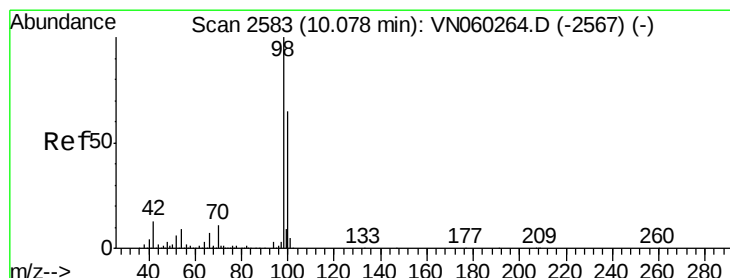
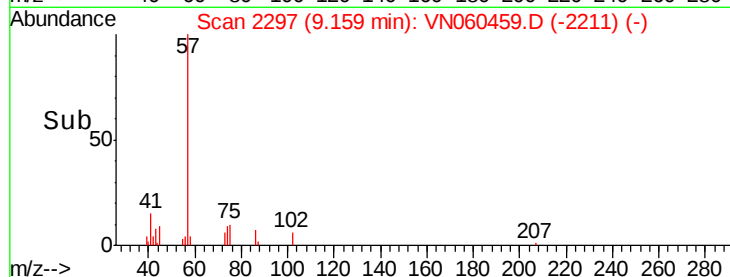
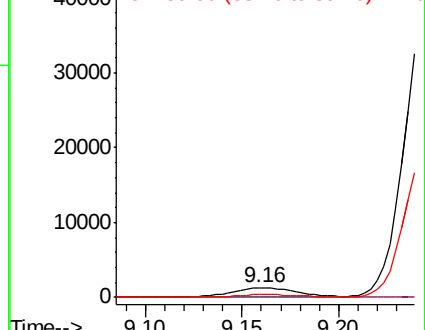
39 0.0 50.1 75.1#



Abundance Ion 41.00 (40.70 to 41.70): VN060459.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN060459.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN060459.D (-2292) (-)



#50

Toluene-d8

Concen: 52.950 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060459.D

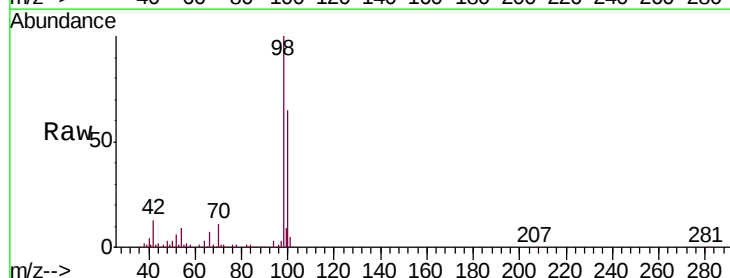
Acq: 11 Mar 2020 18:35

Tgt Ion: 98 Resp: 383878

Ion Ratio Lower Upper

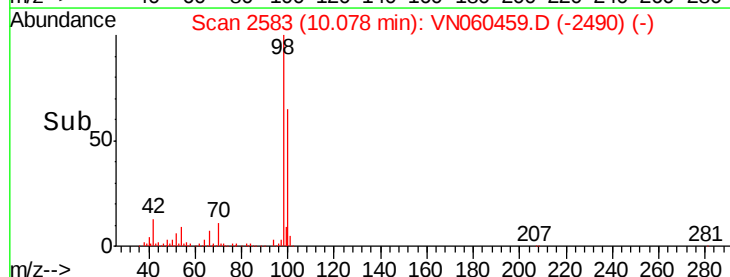
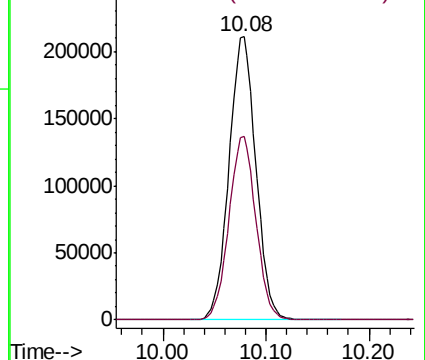
98 100

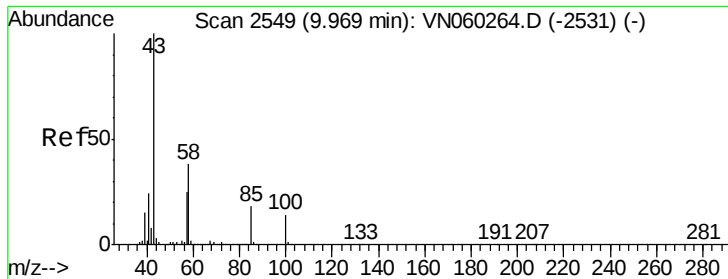
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060459.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060459.D (-2567) (-)

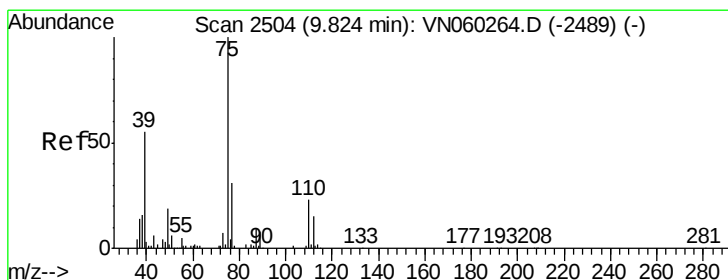
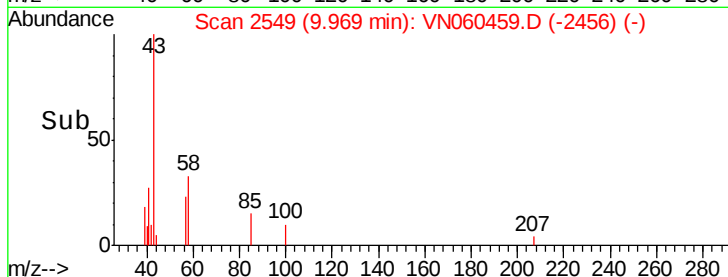
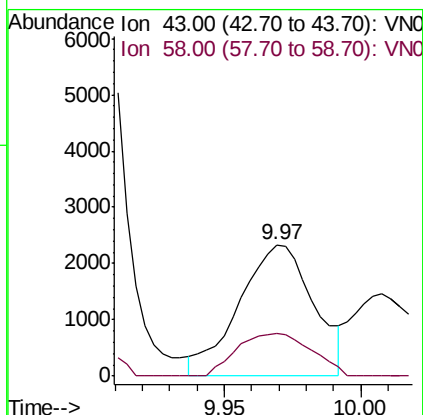
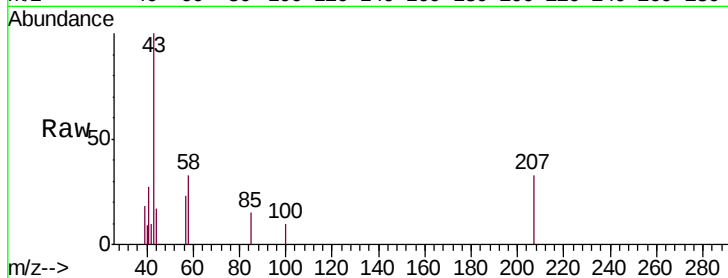




#51
 4-Methyl-2-Pentanone
 Concen: 1.605 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060459.D
 Acq: 11 Mar 2020 18:35

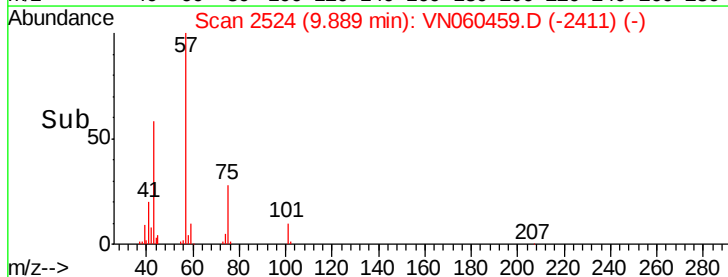
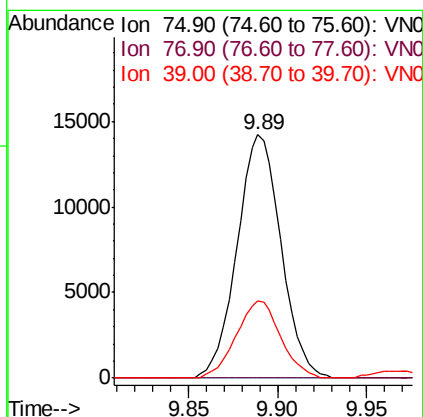
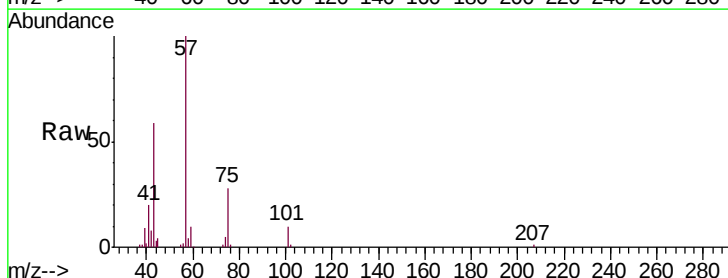
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431ZHE#01

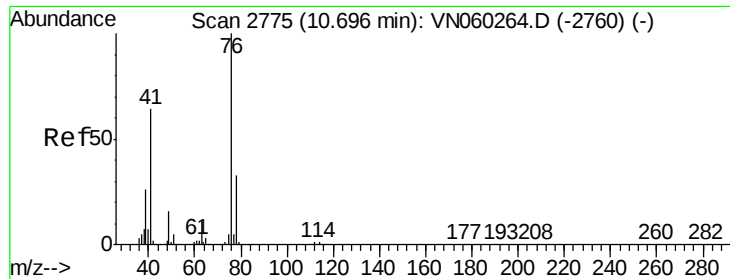
Tgt Ion: 43 Resp: 4438
 Ion Ratio Lower Upper
 43 100
 58 32.5 30.9 46.3



#54
 cis-1,3-Dichloropropene
 Concen: 6.519 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060459.D
 Acq: 11 Mar 2020 18:35

Tgt Ion: 75 Resp: 24447
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 31.9 43.8 65.8#





#57

1,3-Dichloropropane

Concen: 1.122 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

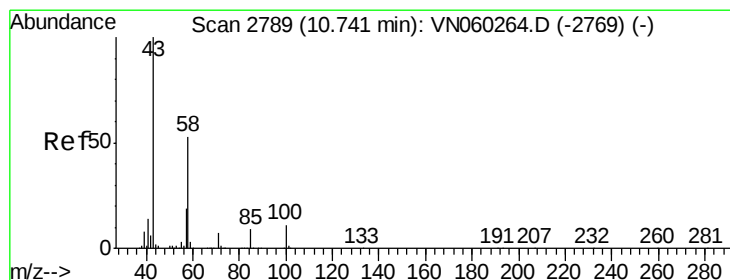
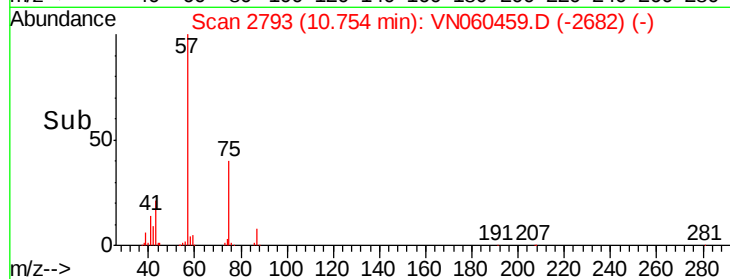
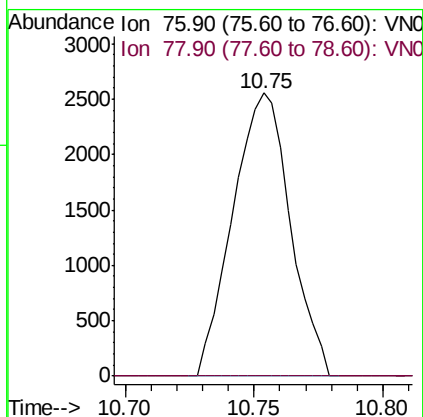
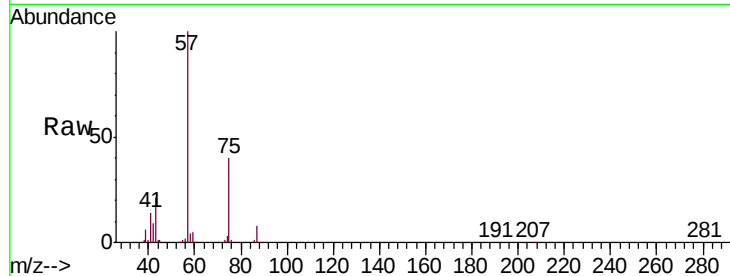
PB127431ZHE#01

Tgt Ion: 76 Resp: 3958

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 29.154 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060459.D

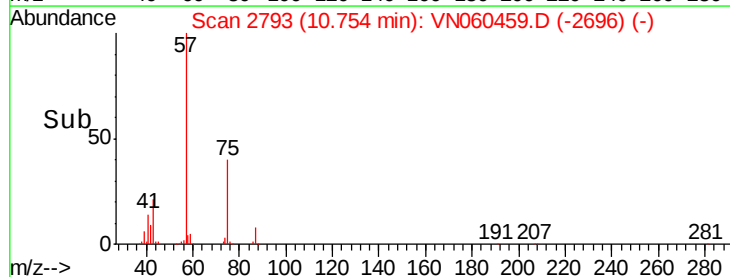
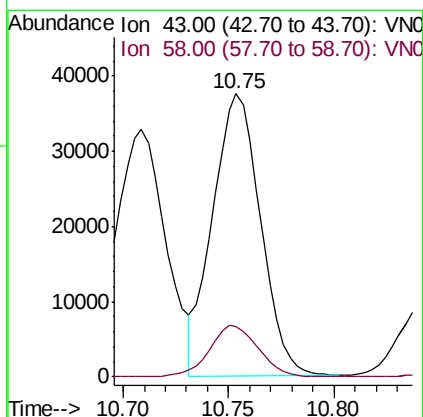
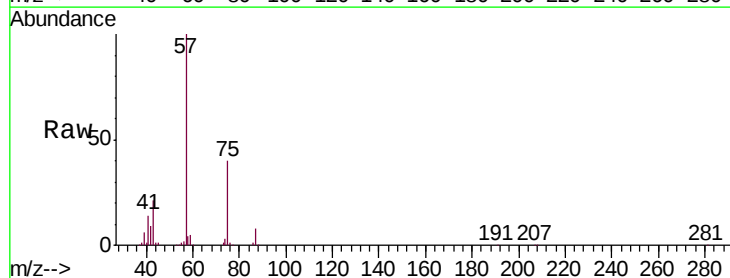
Acq: 11 Mar 2020 18:35

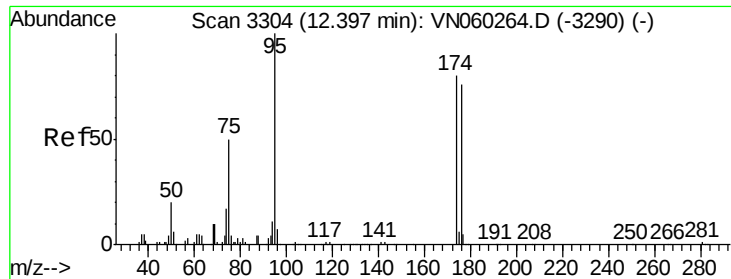
Tgt Ion: 43 Resp: 59171

Ion Ratio Lower Upper

43 100

58 18.6 26.5 79.5#





#62

4-Bromofluorobenzene

Concen: 52.742 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#01

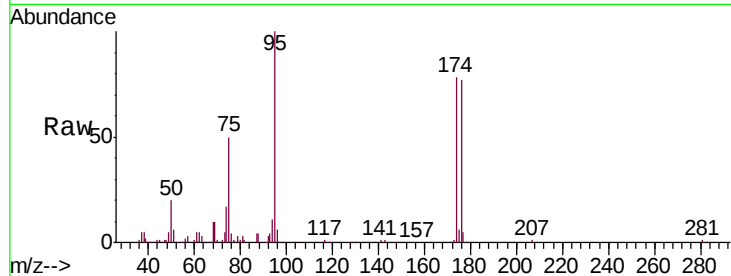
Tgt Ion: 95 Resp: 144945

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.2

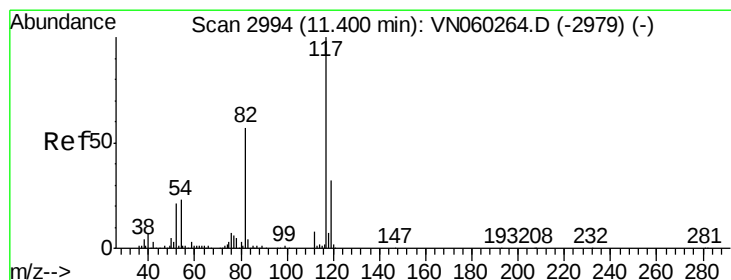
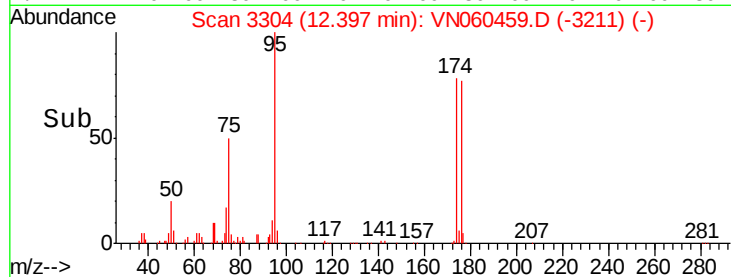
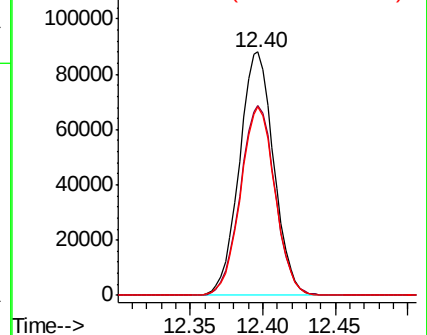
176 77.5 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060459.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060459.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060459.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

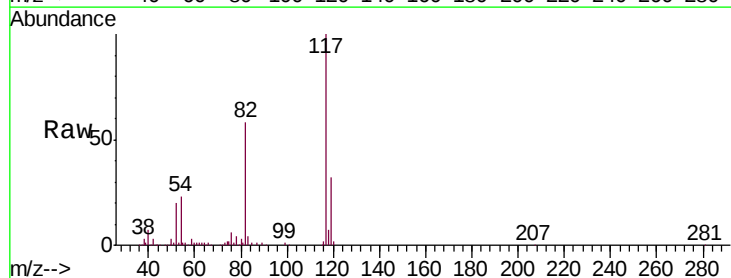
Tgt Ion: 117 Resp: 297510

Ion Ratio Lower Upper

117 100

82 57.7 45.8 68.6

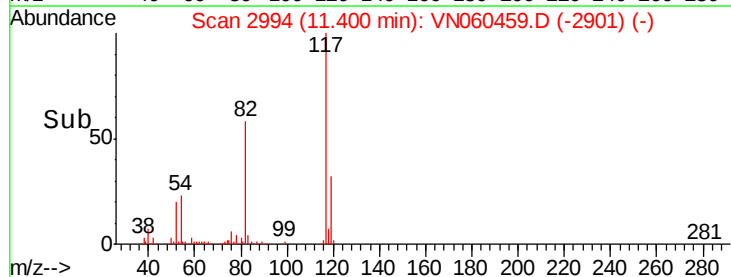
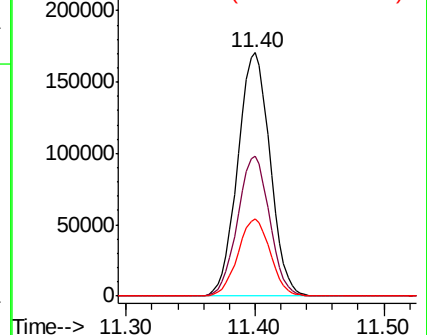
119 31.7 25.8 38.8

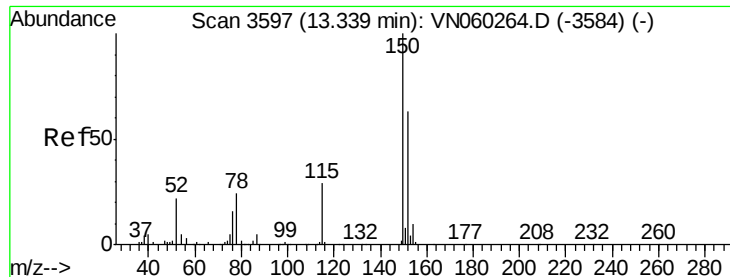


Abundance Ion 116.90 (116.60 to 117.60): VN060459.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060459.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060459.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#01

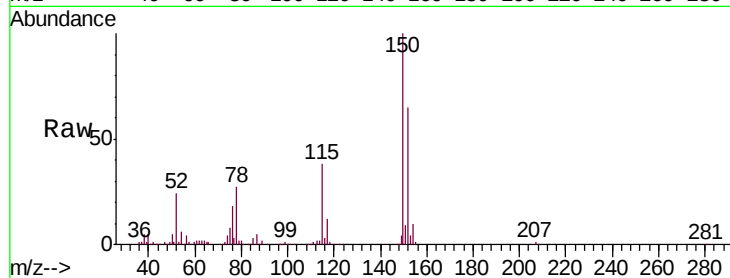
Tgt Ion: 152 Resp: 138825

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

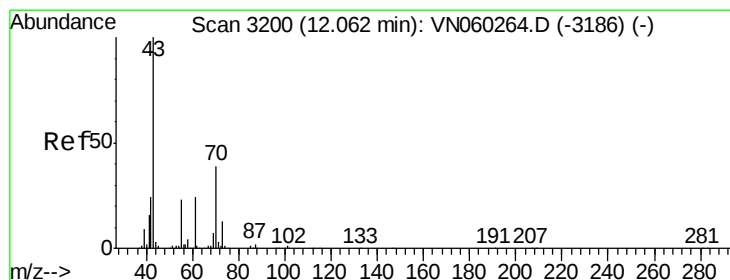
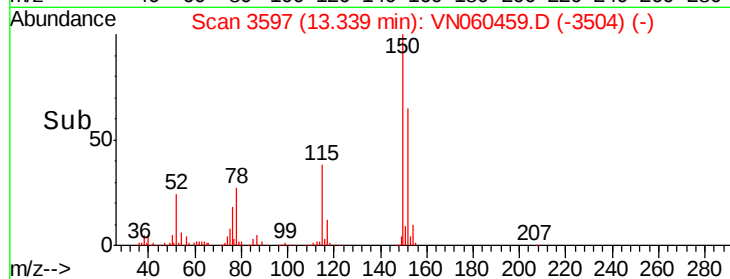
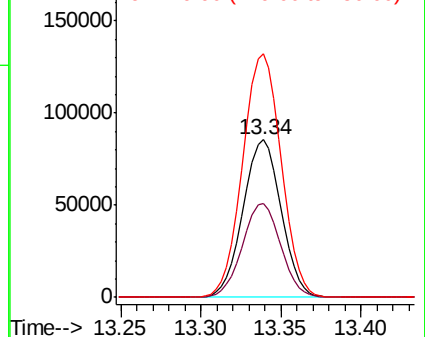
150 156.3 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.491 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Tgt Ion: 43 Resp: 2208

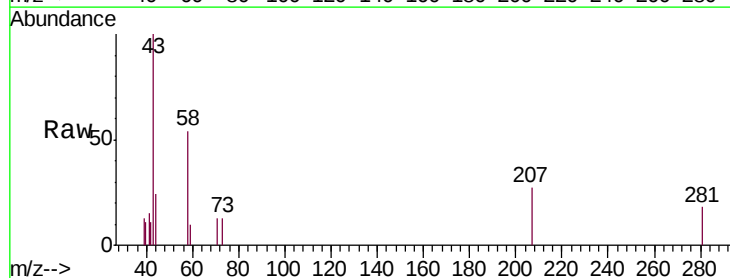
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 0.0 18.2 27.4#

61 0.0 19.2 28.8#

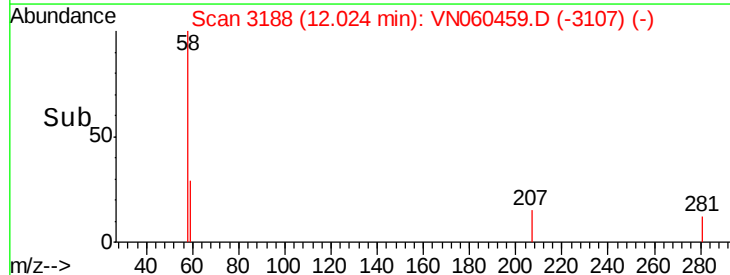
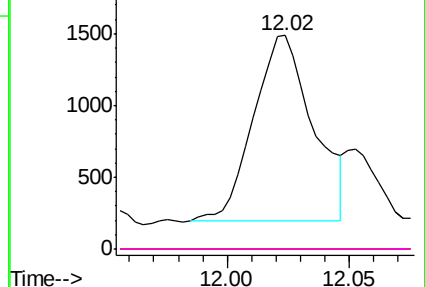


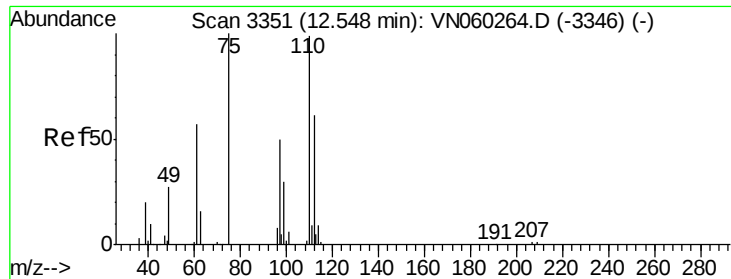
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

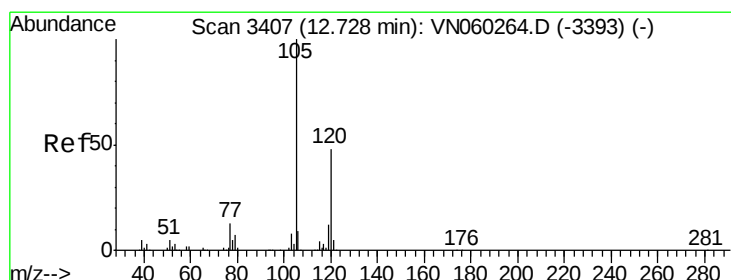
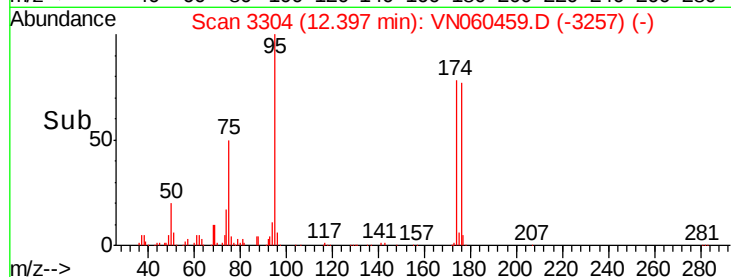
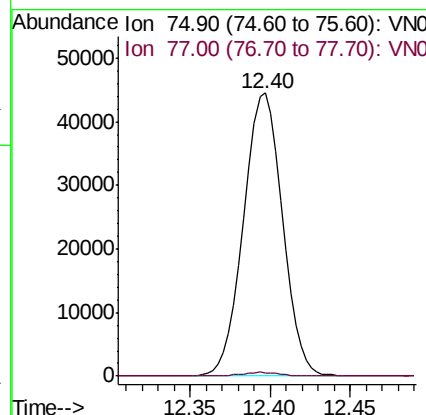
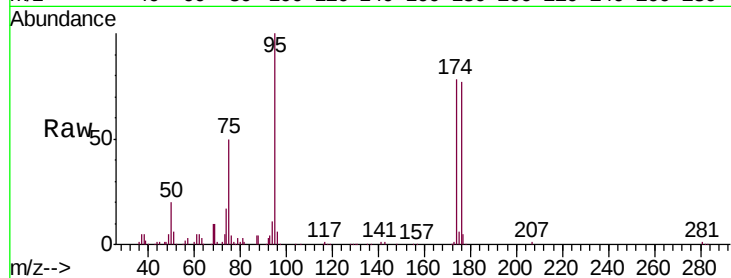




#76
 1,2,3-Trichloropropane
 Concen: 24.253 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN060459.D
 Acq: 11 Mar 2020 18:35

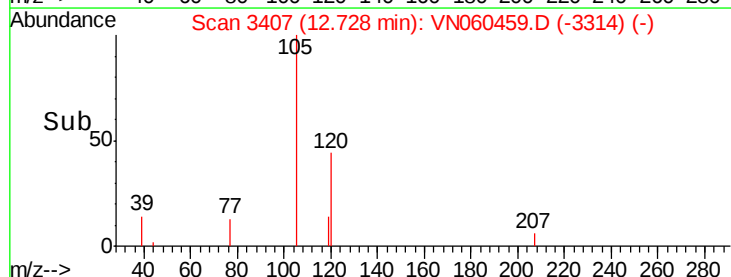
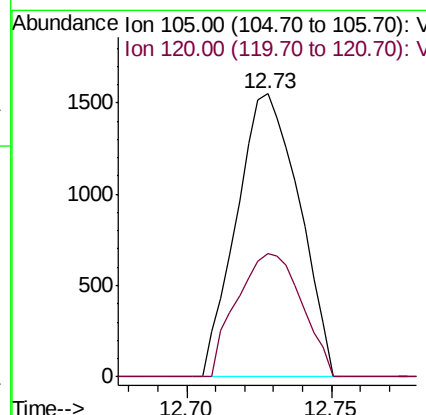
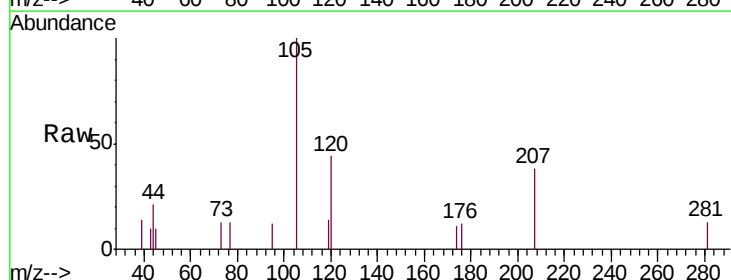
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431ZHE#01

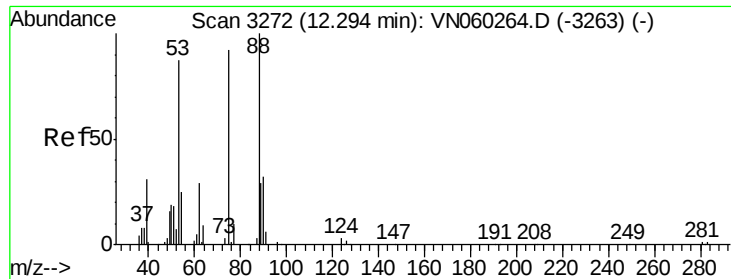
Tgt Ion: 75 Resp: 73869
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.269 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060459.D
 Acq: 11 Mar 2020 18:35

Tgt Ion: 105 Resp: 2327
 Ion Ratio Lower Upper
 105 100
 120 45.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 66.948 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060459.D

Acq: 11 Mar 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#01

Tgt Ion: 75 Resp: 73869

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 57.1 85.7#

