

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060537.D
 Acq On : 16 Mar 2020 20:31
 Operator : JC/MD
 Sample : PB127541ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#10

Quant Time: Mar 17 08:47:34 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	216174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	361645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	340154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153518	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	139809	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
35) Dibromofluoromethane	7.57	113	106547	63.47	ug/l	0.00
Spiked Amount			Recovery	=	126.94%	
50) Toluene-d8	10.08	98	446389	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	166932	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	

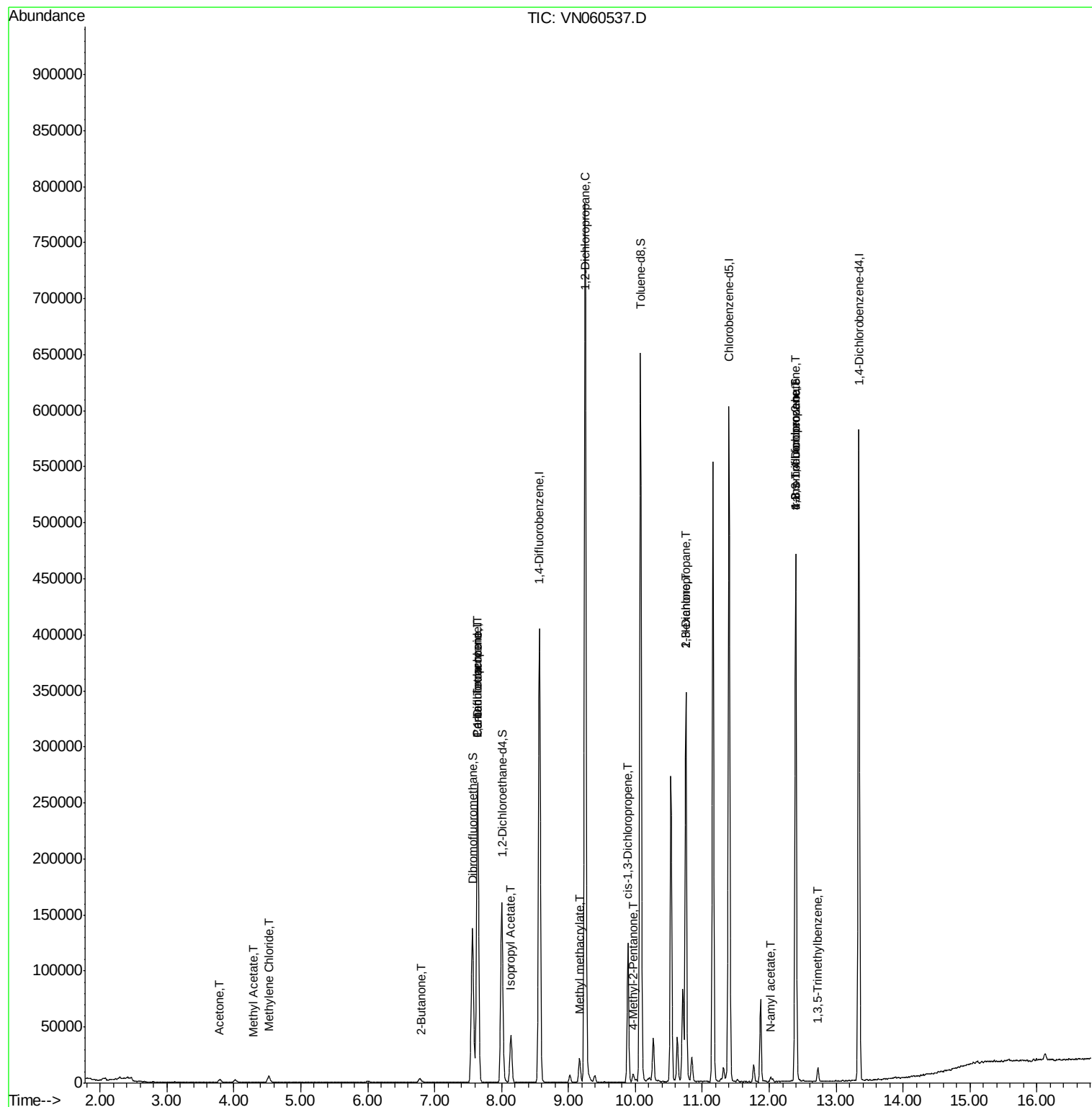
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5316	5.935	ug/l	96
18) Methyl Acetate	4.30	43	1385	0.463	ug/l #	52
20) Methylene Chloride	4.52	84	4050	1.646	ug/l	93
25) 2-Butanone	6.80	43	645	0.446	ug/l #	49
31) Cyclohexane	7.64	56	4309	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	16905	4.905	ug/l #	49
38) Carbon Tetrachloride	7.64	117	20807	6.200	ug/l #	16
43) Isopropyl Acetate	8.14	43	50311	8.806	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	881	0.336	ug/l #	44
48) Methyl methacrylate	9.16	41	3596	1.380	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	4900	1.513	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	21646	4.925	ug/l #	58
57) 1,3-Dichloropropane	10.75	76	3311	0.801	ug/l #	42
59) 2-Hexanone	10.75	43	51263	21.553	ug/l #	52
74) N-amyl acetate	12.02	43	3327	0.669	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	84406	25.060	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7101	0.741	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	84406	69.177	ug/l #	8

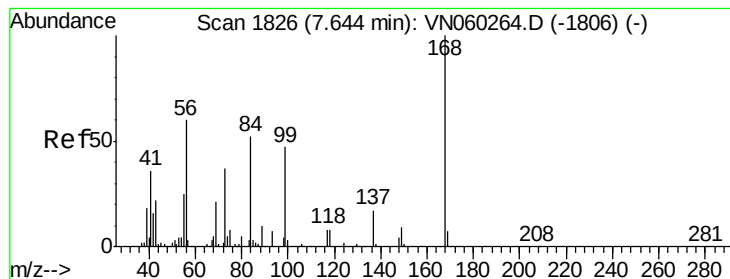
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060537.D

Acq: 16 Mar 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

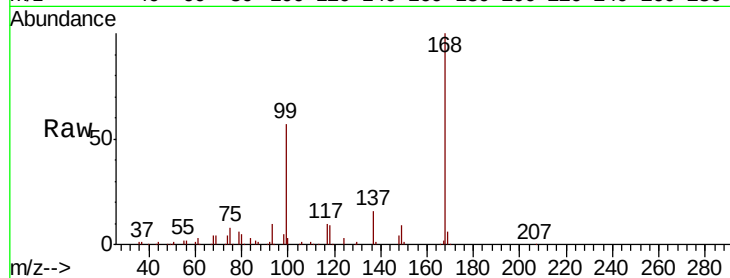
PB127541ZHE#10

Tot Ion:168 Resp: 216174

Ion Ratio Lower Upper

168 100

99 57.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

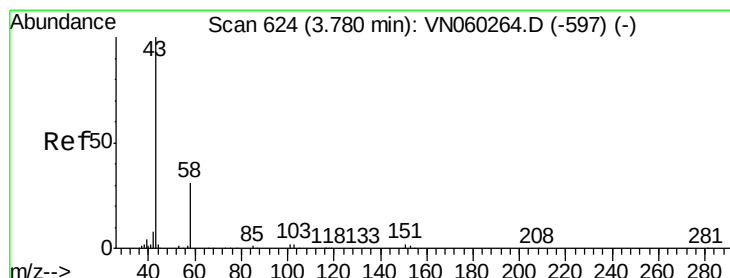
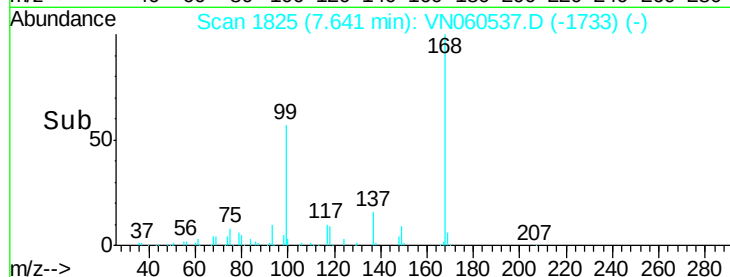
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.935 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060537.D

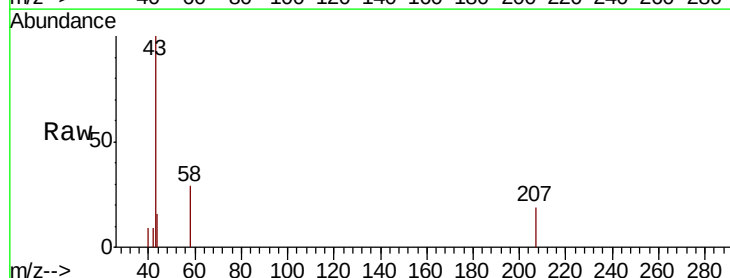
Acq: 16 Mar 2020 20:31

Tgt Ion: 43 Resp: 5316

Ion Ratio Lower Upper

43 100

58 28.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2000

1500

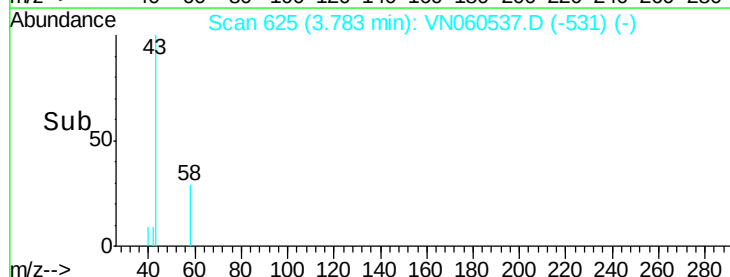
1000

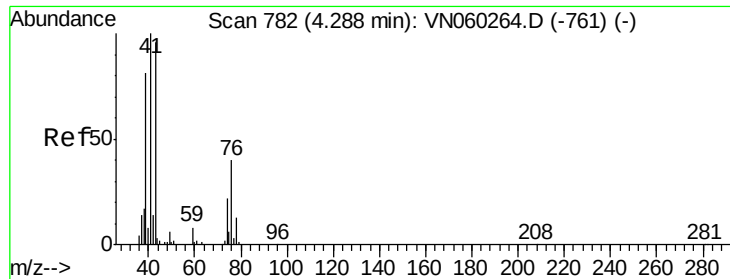
500

0

3.70 3.75 3.80 3.85

Time-->

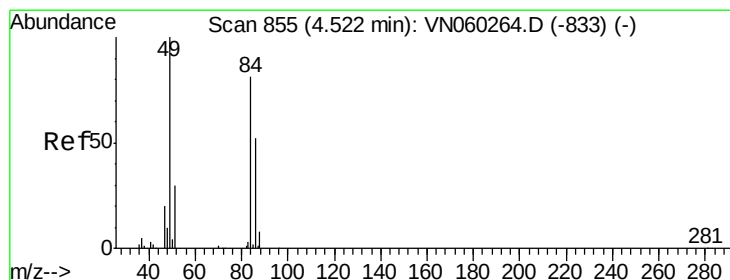
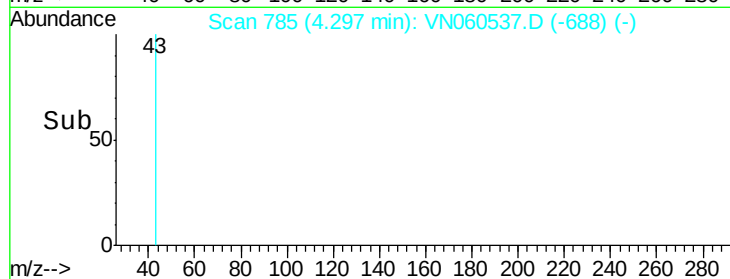
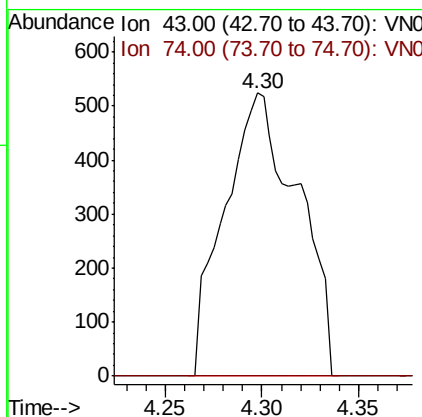
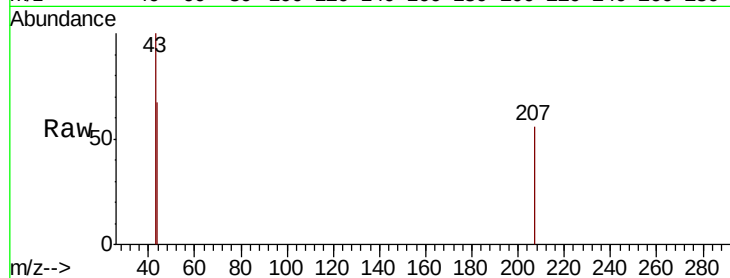




#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

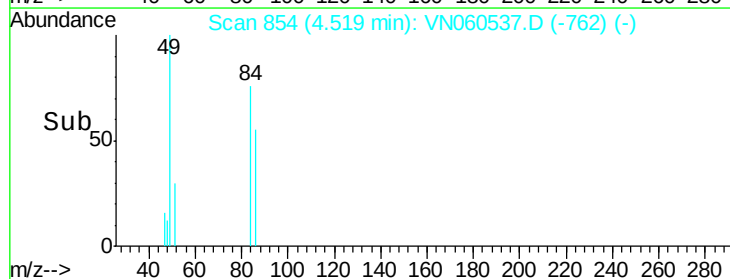
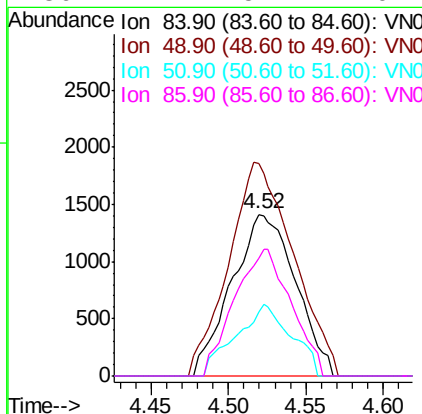
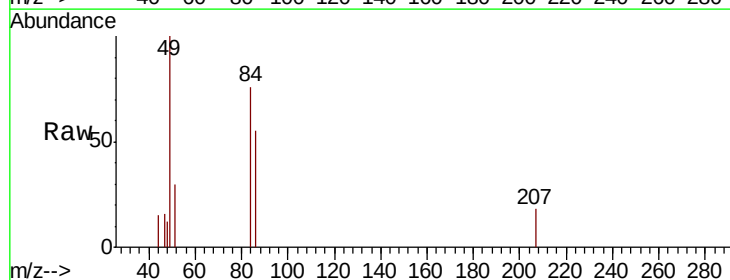
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#10

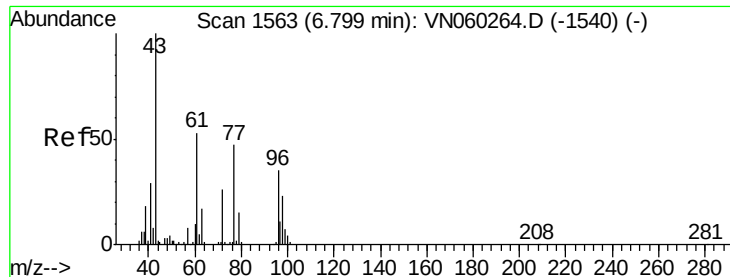
Tot Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 1.646 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

Tgt Ion: 84 Resp: 4050
Ion Ratio Lower Upper
84 100
49 131.7 99.3 148.9
51 39.8 30.1 45.1
86 72.7 51.1 76.7





#25

2-Butanone

Concen: 0.446 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060537.D

Acq: 16 Mar 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

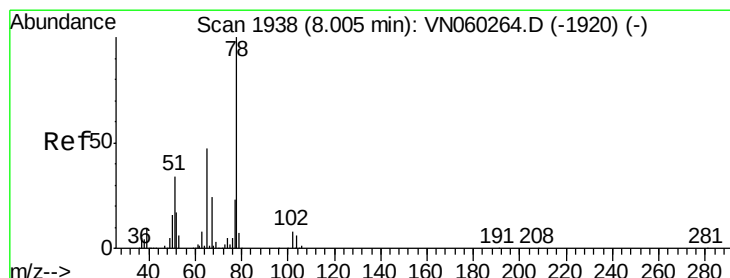
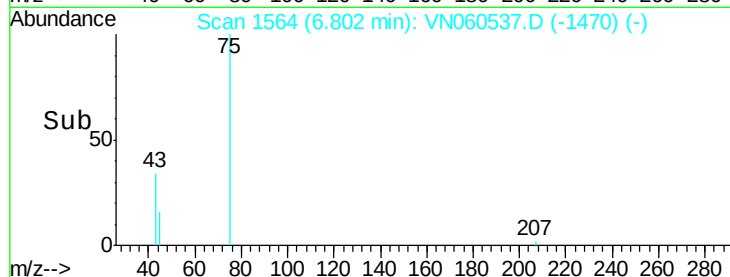
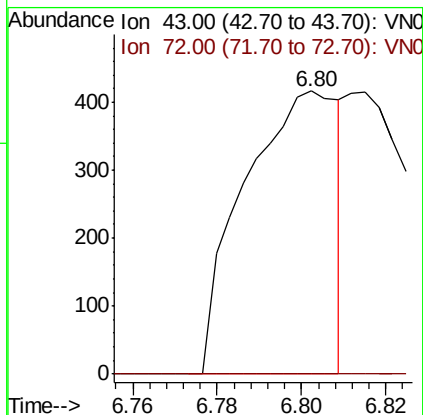
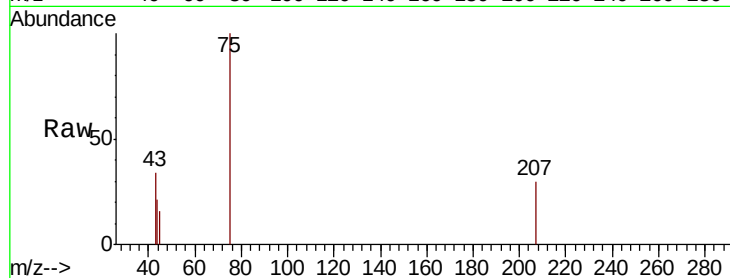
PB127541ZHE#10

Tot Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#



#33

1,2-Dichloroethane-d4

Concen: 50.408 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060537.D

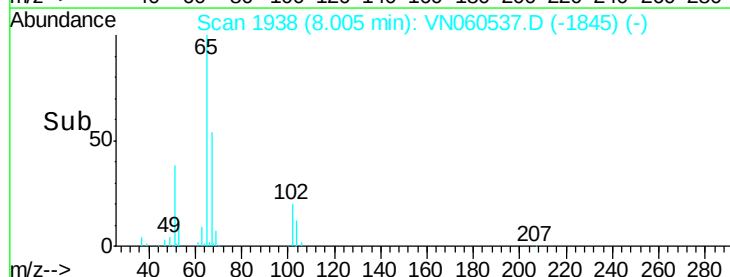
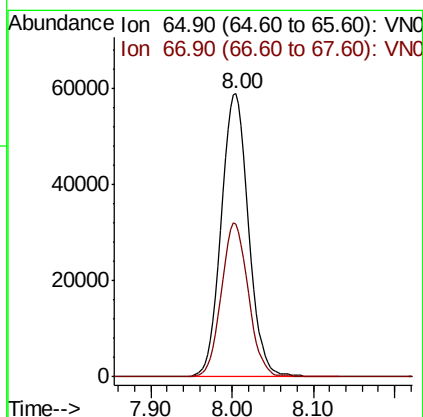
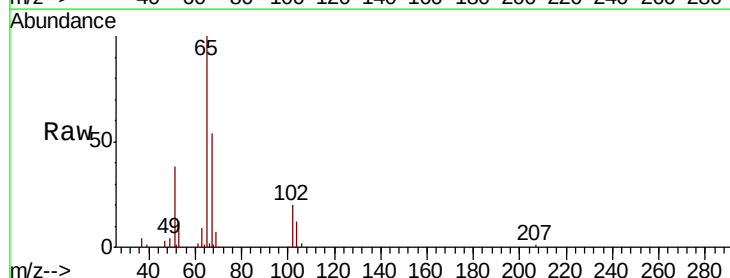
Acq: 16 Mar 2020 20:31

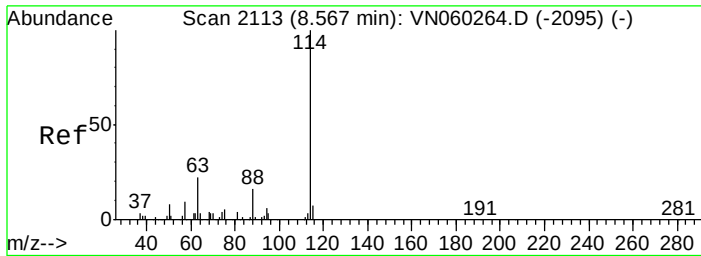
Tgt Ion: 65 Resp: 139809

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.8

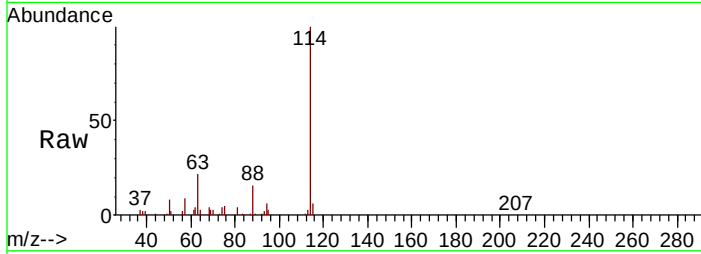




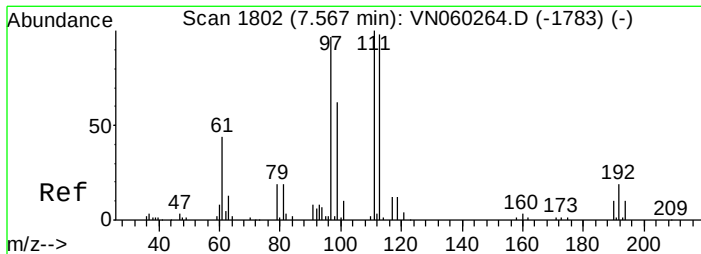
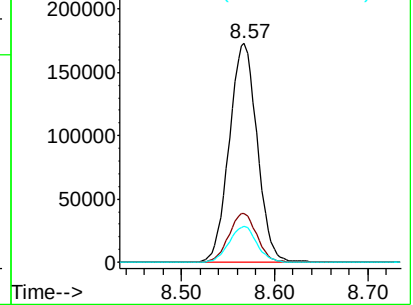
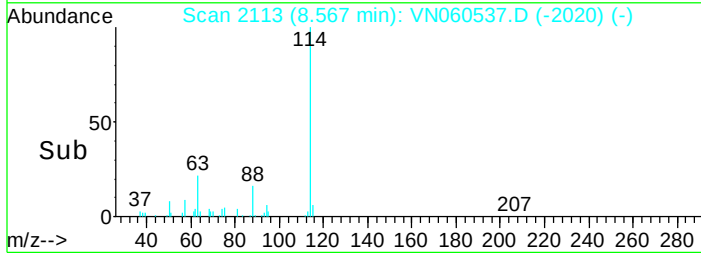
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#10

Tot Ion:114 Resp: 361645
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.3 0.0 31.6

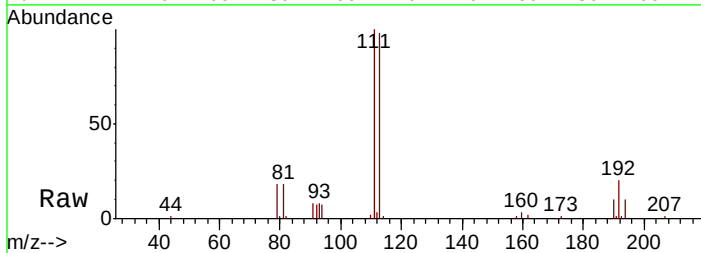


Abundance Ion 113.90 (113.60 to 114.60):
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

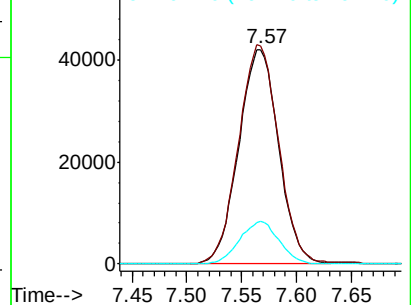
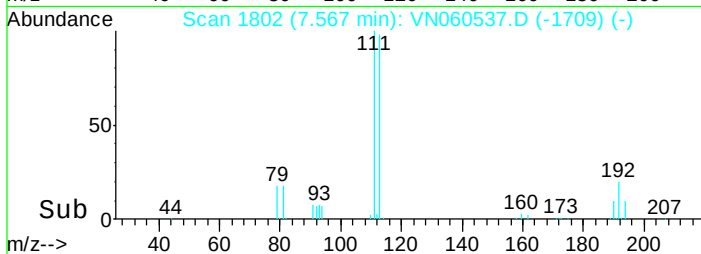


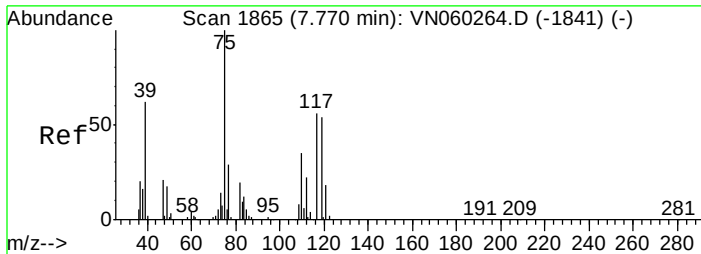
#35
Dibromofluoromethane
Concen: 63.472 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

Tgt Ion:113 Resp: 106547
Ion Ratio Lower Upper
113 100



Abundance Ion 113.80 (113.50 to 114.10): 6
Ion 111.80 (111.50 to 112.10): 2
Ion 191.70 (191.40 to 192.40): 2

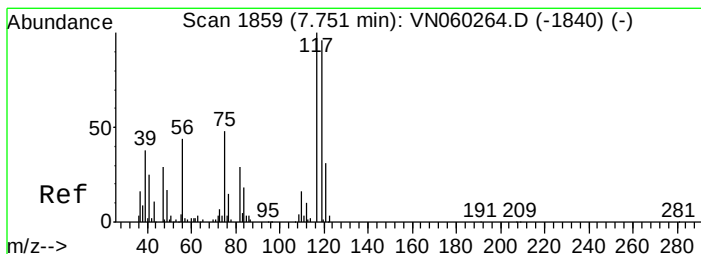
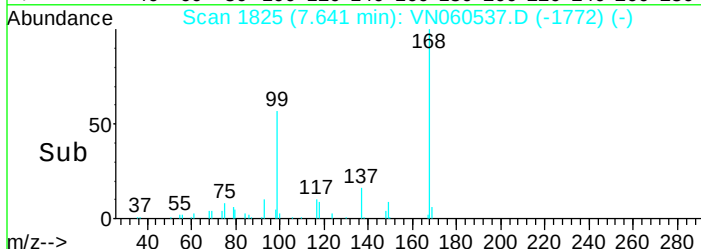
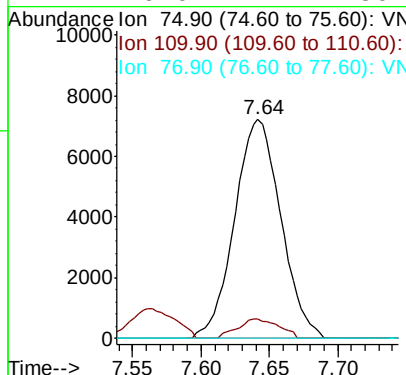
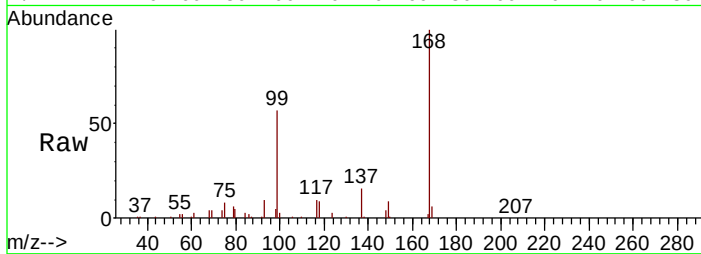




#36
 1,1-Dichloropropene
 Concen: 4.905 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

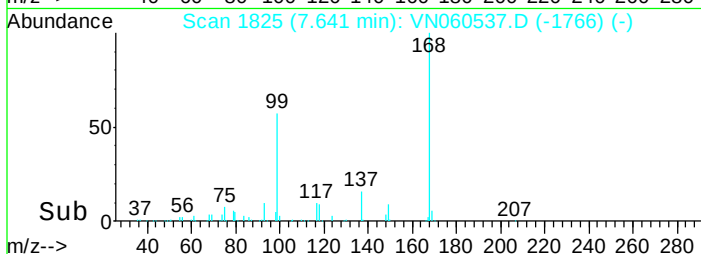
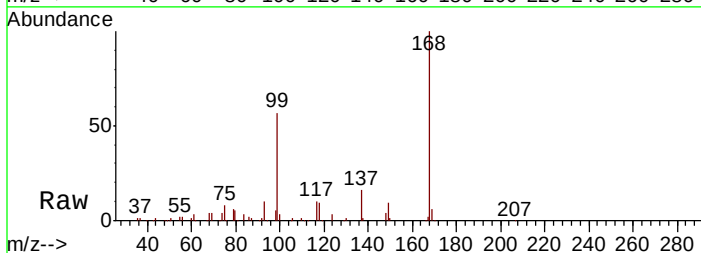
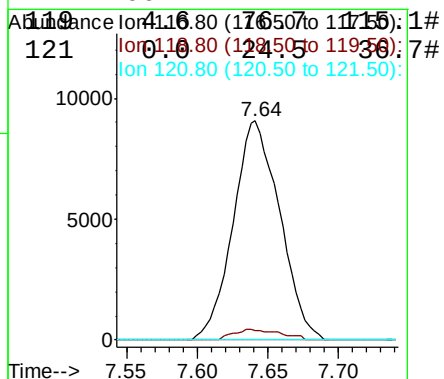
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 ClientSampleId :
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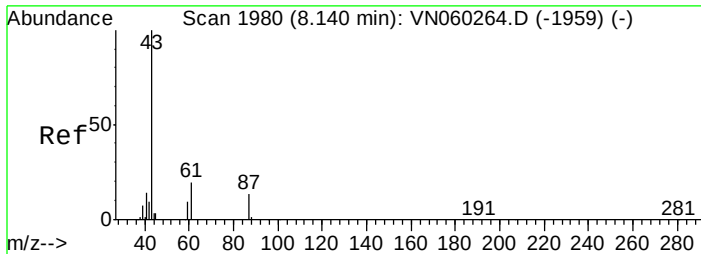
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.3	52.0#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.200 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	7.6	11.5#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 8.806 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060537.D

Acq: 16 Mar 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#10

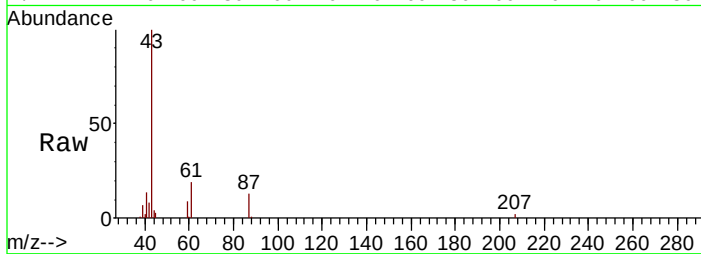
Tot Ion: 43 Resp: 50311

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

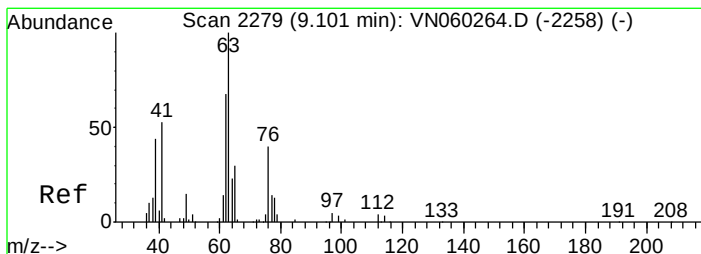
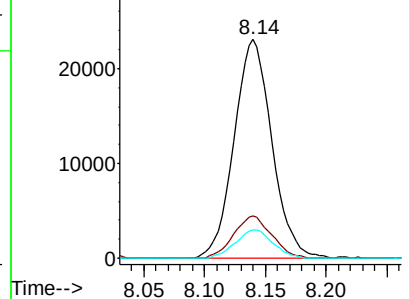
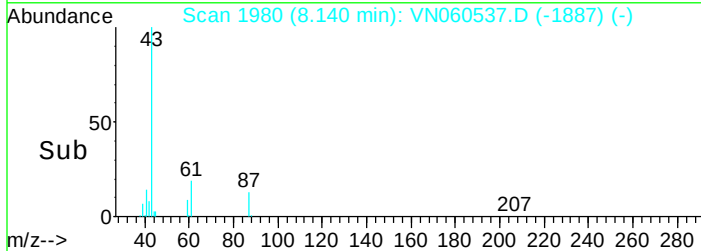
87 12.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 87.00 (86.70 to 87.70): VN



#45

1,2-Dichloropropane

Concen: 0.336 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

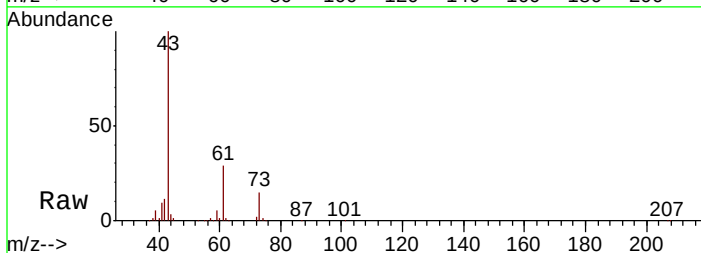
Lab File: VN060537.D

Acq: 16 Mar 2020 20:31

Tgt Ion: 63 Resp: 881

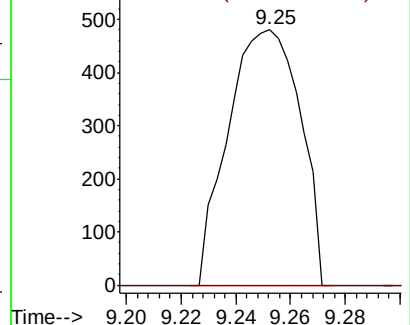
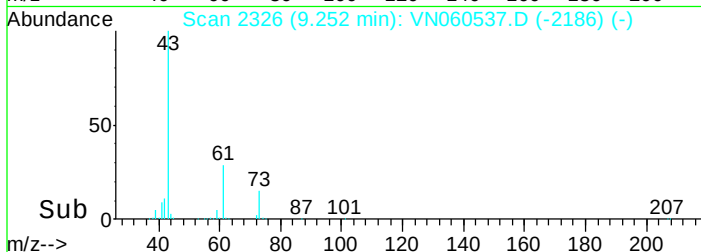
Ion Ratio Lower Upper

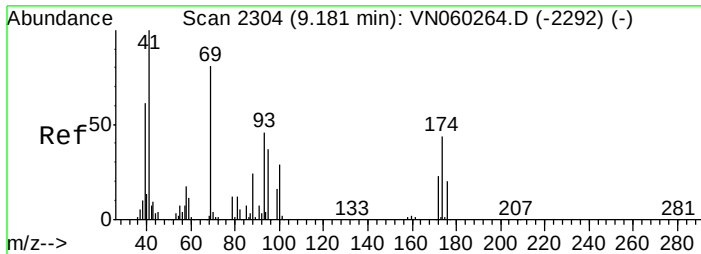
63 100



Abundance Ion 63.00 (62.70 to 63.30): VN

Ion 64.90 (64.60 to 65.20): VN

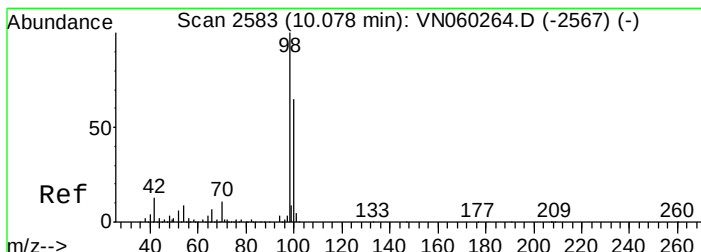
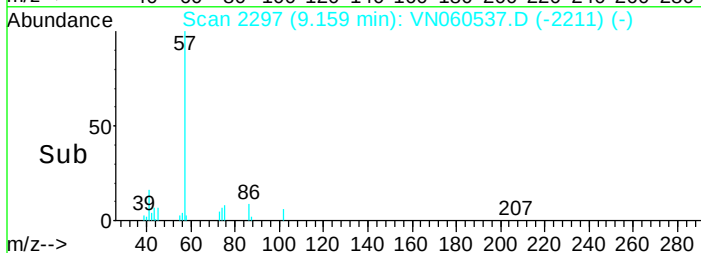
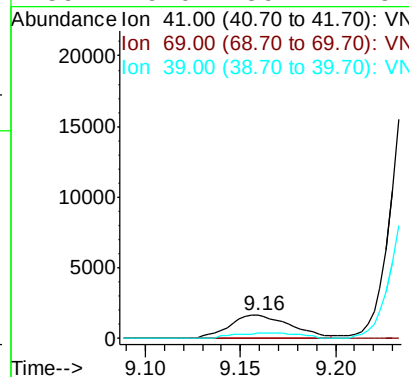
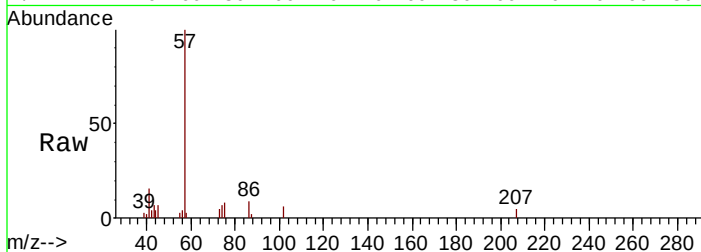




#48
Methyl methacrylate
Concen: 1.380 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.02 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

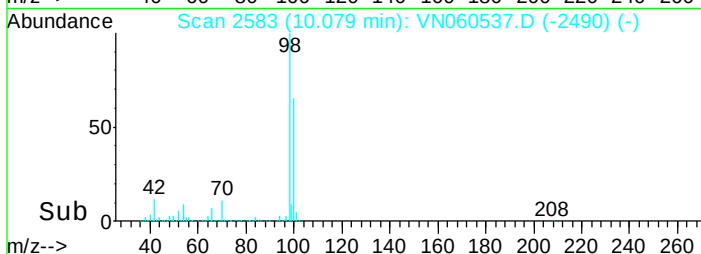
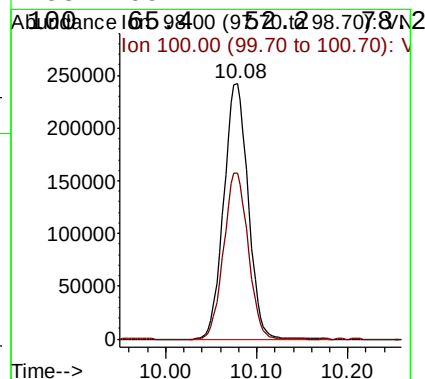
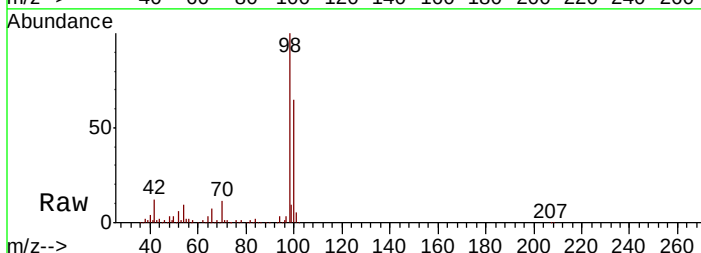
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#10

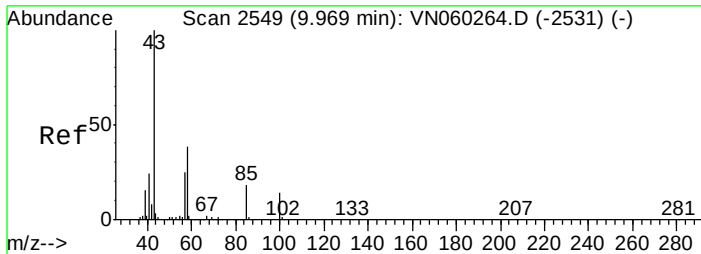
Tot Ion: 41 Resp: 3596
Ion Ratio Lower Upper
41 100
69 0.0 66.7 100.1#
39 0.0 50.1 75.1#



#50
Toluene-d8
Concen: 52.542 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

Tgt Ion: 98 Resp: 446389
Ion Ratio Lower Upper
98 100

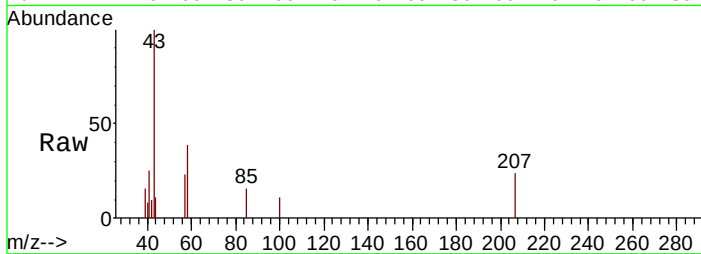




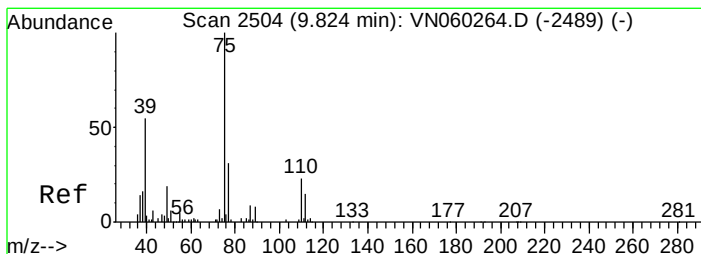
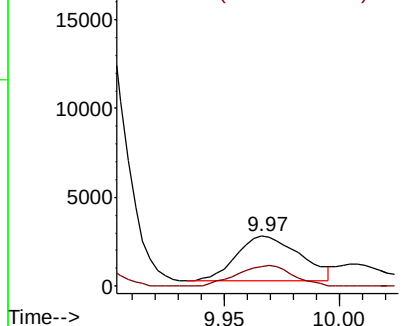
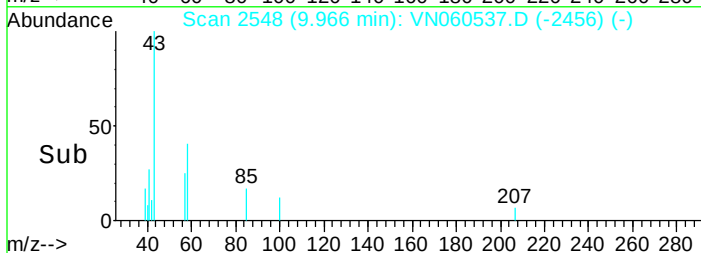
#51
 4-Methyl-2-Pentanone
 Concen: 1.513 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#10

Tot Ion: 43 Resp: 4900
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.9 46.3

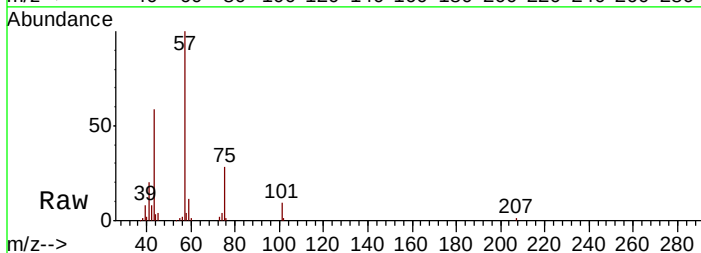


Abundance Ion 43.00 (42.70 to 43.70): VN
 Ion 58.00 (57.70 to 58.70): VN

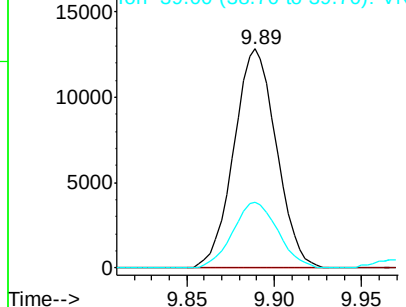
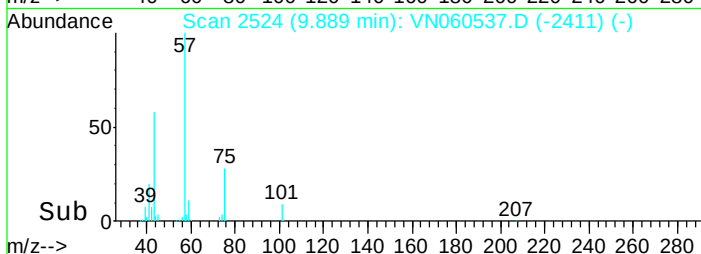


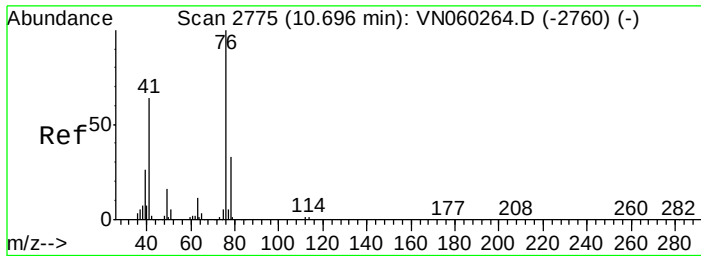
#54
 cis-1,3-Dichloropropene
 Concen: 4.925 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Tgt Ion: 75 Resp: 21646
 Ion Ratio Lower Upper
 75 100



Abundance Ion 75.00 (74.70 to 75.30): VN
 Ion 39.00 (38.70 to 39.70): VN
 Ion 77.00 (76.70 to 77.30): VN
 Ion 49.00 (48.70 to 49.30): VN

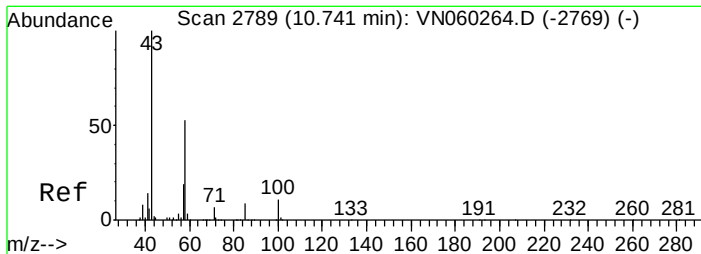
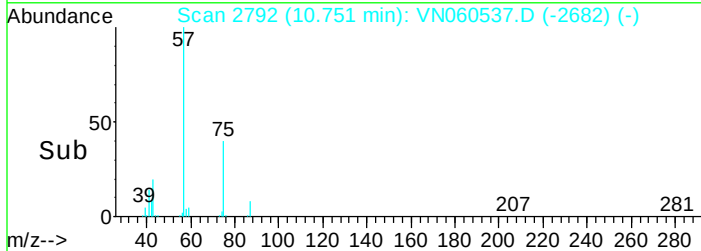
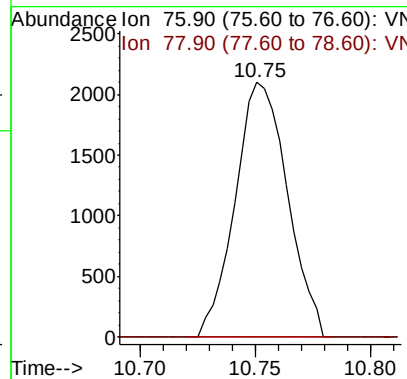
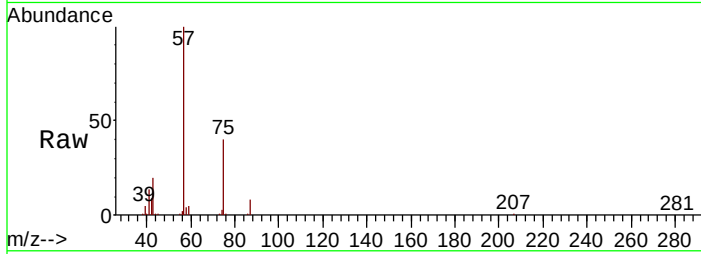




#57
 1,3-Dichloropropane
 Concen: 0.801 ug/l
 RT: 10.75 min Scan# 2792
 Delta R.T. 0.05 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

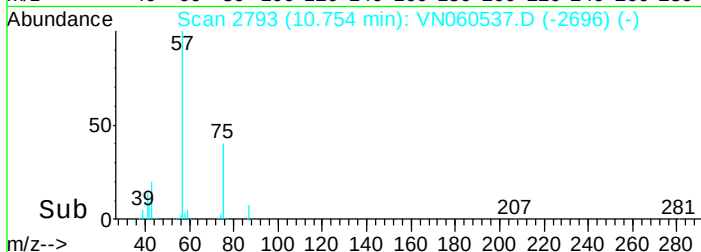
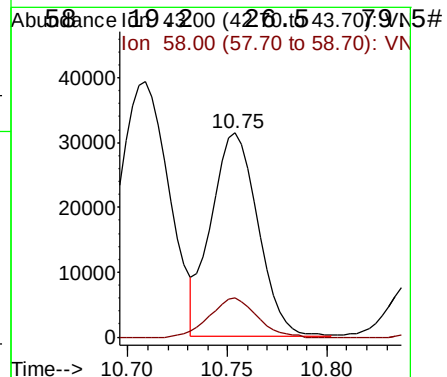
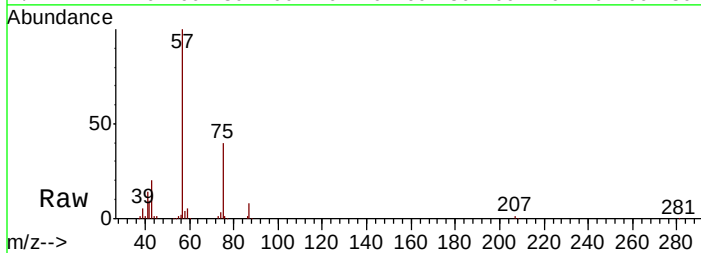
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#10

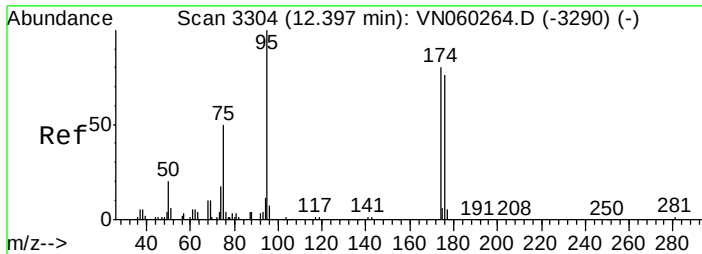
Tgt Ion: 76 Resp: 3311
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#



#59
 2-Hexanone
 Concen: 21.553 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Tgt Ion: 43 Resp: 51263
 Ion Ratio Lower Upper
 43 100

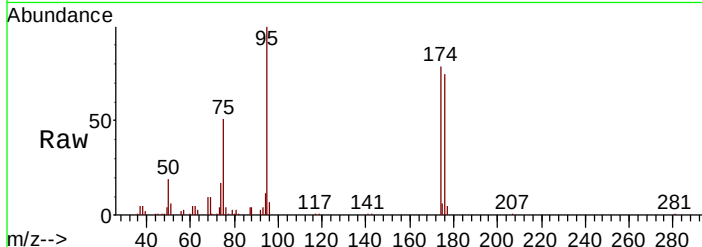




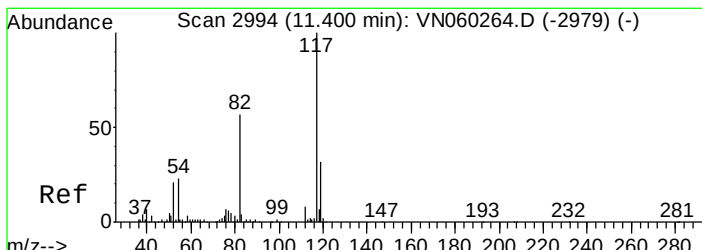
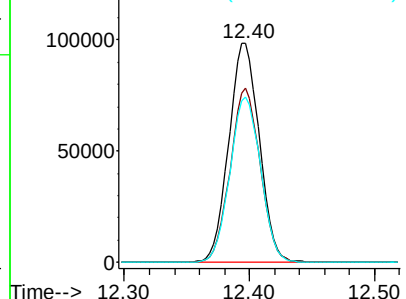
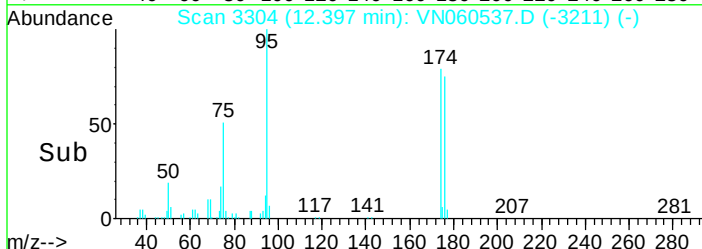
#62
 4-Bromofluorobenzene
 Concen: 51.833 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#10

Tot Ion: 95 Resp: 166932
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 159.2
 176 75.8 0.0 153.8

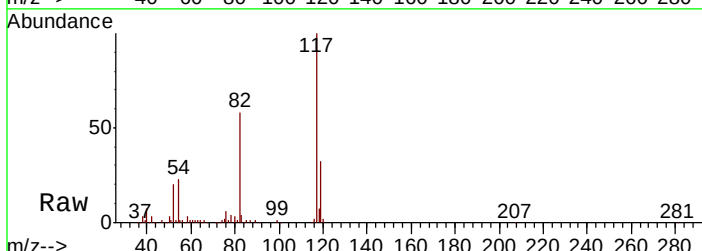


Abundance Ion 94.90 (94.60 to 95.60): VN
 Ion 173.80 (173.50 to 174.50):
 Ion 175.80 (175.50 to 176.50):

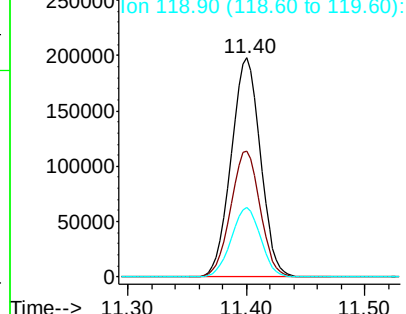
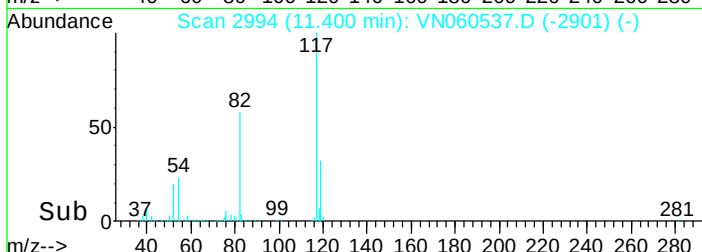


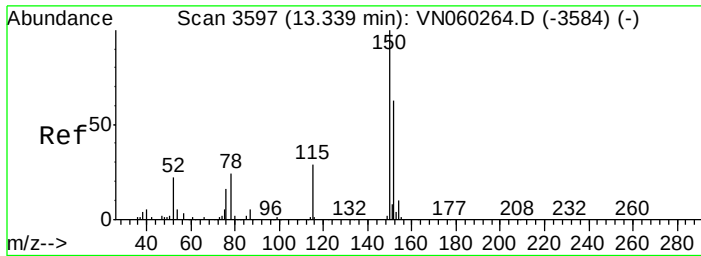
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Tgt Ion: 117 Resp: 340154
 Ion Ratio Lower Upper
 117 100



Abundance Ion 117.90 (117.60 to 118.20): VN
 Ion 82.00 (81.70 to 82.30):
 Ion 118.90 (118.60 to 119.20):

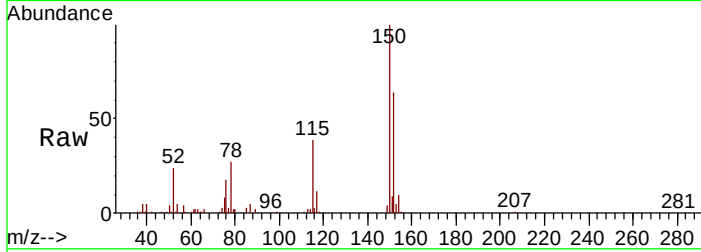




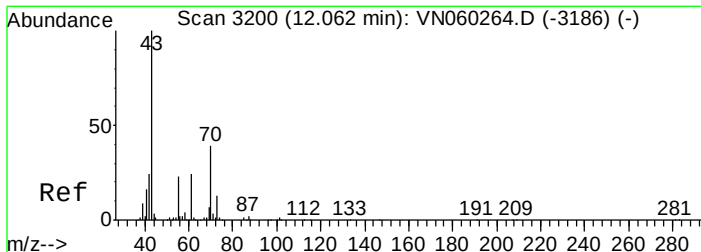
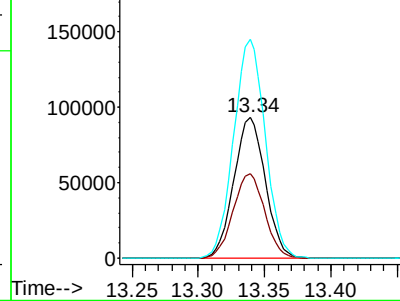
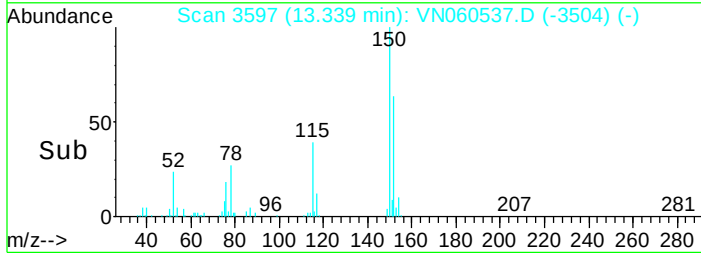
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#10

Tot Ion:152 Resp: 153518
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 156.5 0.0 349.6

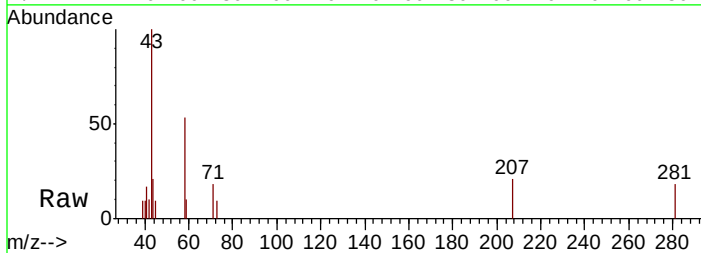


Abundance Ion 151.90 (151.60 to 152.60):
Ion 114.90 (114.60 to 115.60):
Ion 149.90 (149.60 to 150.60):

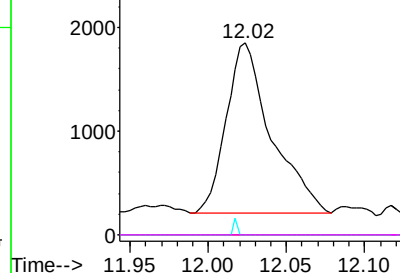
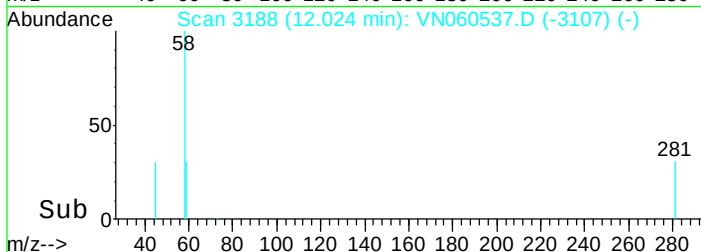


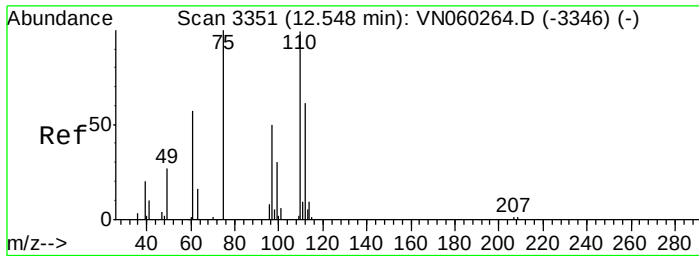
#74
N-ethyl acetate
Concen: 0.669 ug/l
RT: 12.02 min Scan# 3188
Delta R.T. -0.04 min
Lab File: VN060537.D
Acq: 16 Mar 2020 20:31

Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100



Abundance Ion 43.00 (42.70 to 43.30): VN
Ion 70.00 (69.70 to 70.30): VN
Ion 55.00 (54.70 to 55.30): VN
Ion 61.00 (60.70 to 61.30): VN

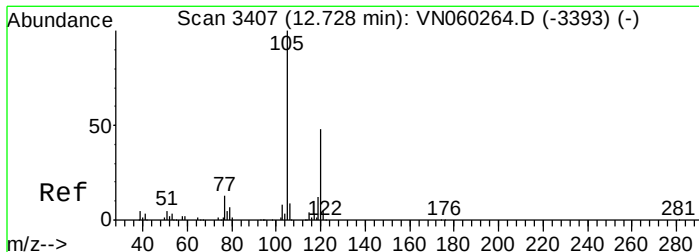
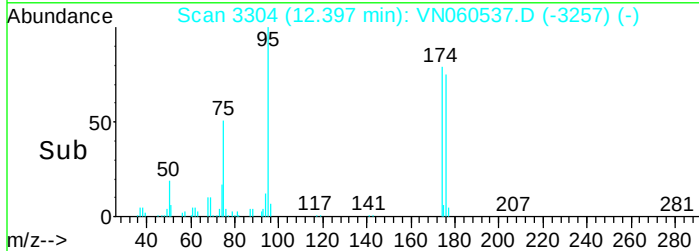
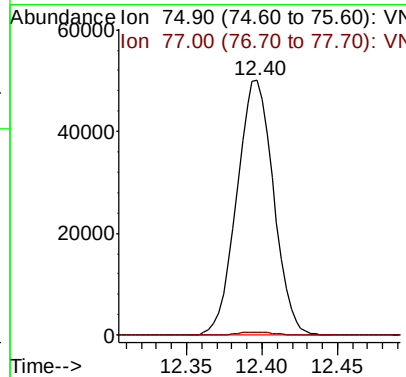
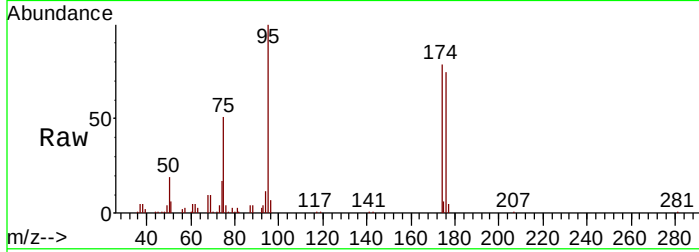




#76
 1,2,3-Trichloropropane
 Concen: 25.060 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

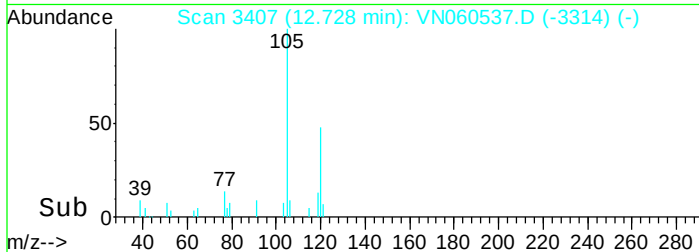
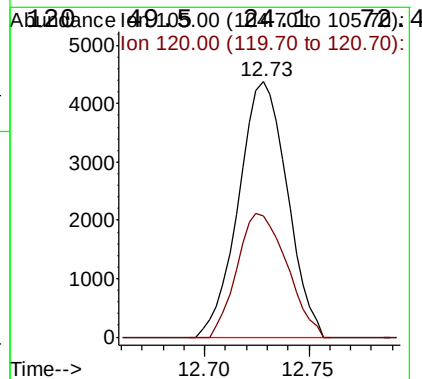
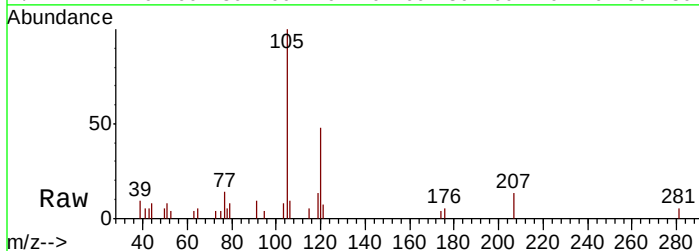
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#10

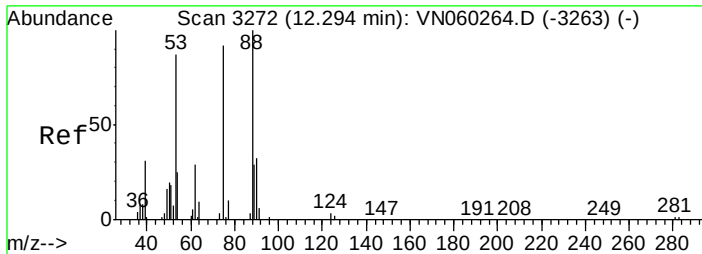
Tot Ion: 75 Resp: 84406
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.741 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

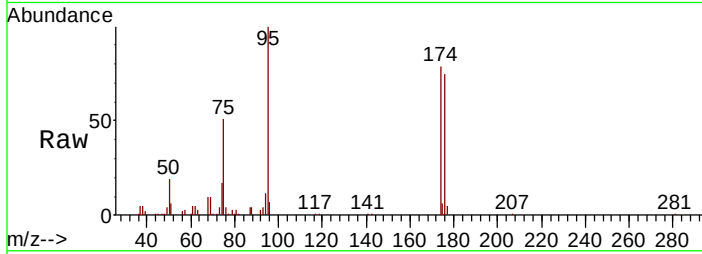
Tgt Ion: 105 Resp: 7101
 Ion Ratio Lower Upper
 105 100





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.177 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060537.D
 Acq: 16 Mar 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#10



Tot Ion: 75 Resp: 84406
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 57.1 85.7#

