

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060628.D
 Acq On : 19 Mar 2020 11:58
 Operator : JC/MD
 Sample : PB127661TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661TB

Quant Time: Mar 20 01:47:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116485	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	118159	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
35) Dibromofluoromethane	7.57	113	90261	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	10.08	98	373202	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	133236	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	6325	7.036	ug/l	97
17) Carbon Disulfide	4.03	76	1600	0.263	ug/l #	75
18) Methyl Acetate	4.29	43	2030	0.802	ug/l #	57
20) Methylene Chloride	4.52	84	6835	3.091	ug/l	95
25) 2-Butanone	6.81	43	1172	0.806	ug/l #	50
29) Tetrahydrofuran	7.19	42	428	0.416	ug/l #	35
31) Cyclohexane	7.64	56	3929	0.961	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14421	4.919	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17422	6.630	ug/l #	15
43) Isopropyl Acetate	8.14	43	66335	12.697	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	1259	0.539	ug/l #	43
48) Methyl methacrylate	9.16	41	3640	1.565	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	5708	1.920	ug/l	90
54) cis-1,3-Dichloropropene	9.89	75	27789	7.516	ug/l #	60
56) Ethyl methacrylate	10.53	69	697	0.217	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	4487	1.257	ug/l #	42
59) 2-Hexanone	10.75	43	67039	31.303	ug/l #	53
71) Bromoform	12.40	173	791	2.144	ug/l #	1
74) N-amyl acetate	12.05	43	1696	0.420	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	67507	26.858	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1371	0.222	ug/l	86
80) 1,3,5-Trimethylbenzene	12.73	105	3743	0.505	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	67507	68.979	ug/l #	13
82) 4-Chlorotoluene	12.77	91	1371	0.218	ug/l	87
87) 1,3-Dichlorobenzene	13.28	146	1029	0.277	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	1029	0.276	ug/l	99
89) n-Butylbenzene	13.61	91	2281	0.340	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	811	0.228	ug/l	89
93) 1,2,4-Trichlorobenzene	14.90	180	1656	0.759	ug/l	84
94) Hexachlorobutadiene	15.00	225	744	0.696	ug/l	82
95) Naphthalene	15.13	128	5858	0.893	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	1516	0.706	ug/l	98

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

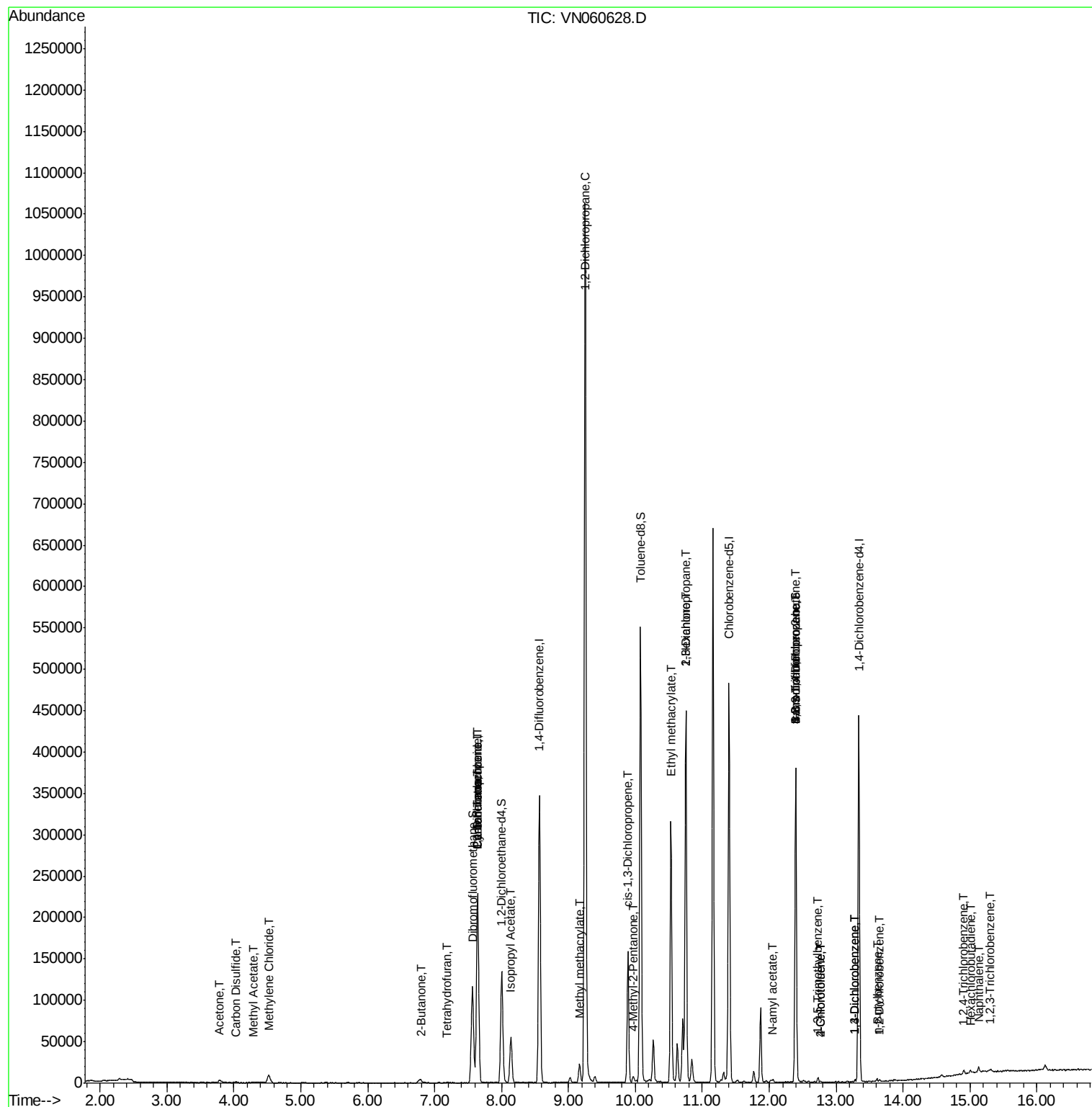
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

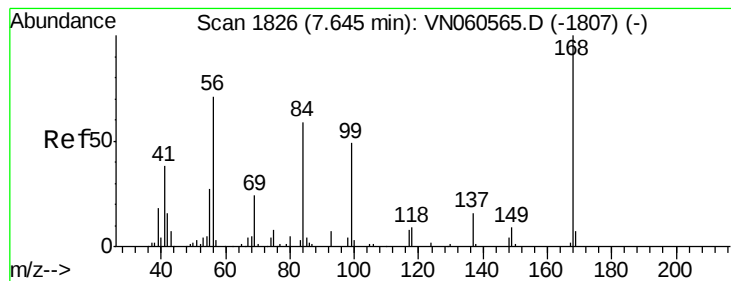
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031920\
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Acq On : 19 Mar 2020 11:58
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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: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

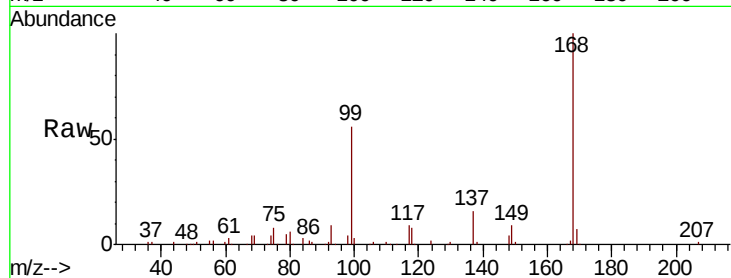
PB127661TB

Tot Ion:168 Resp: 184880

Ion Ratio Lower Upper

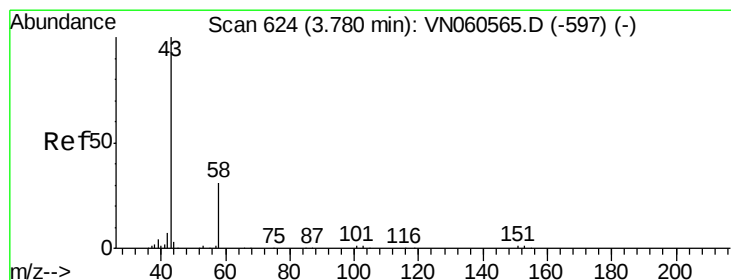
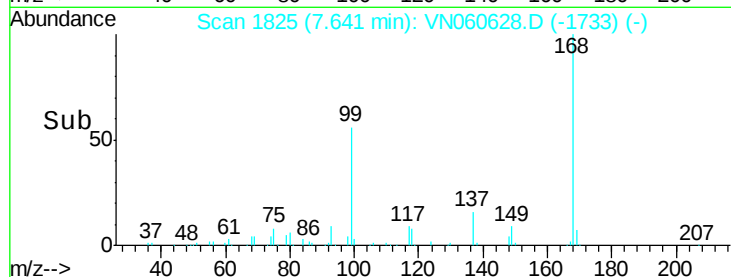
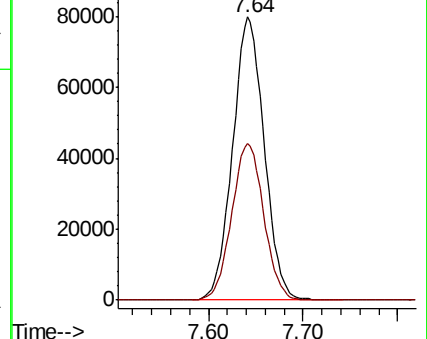
168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.036 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060628.D

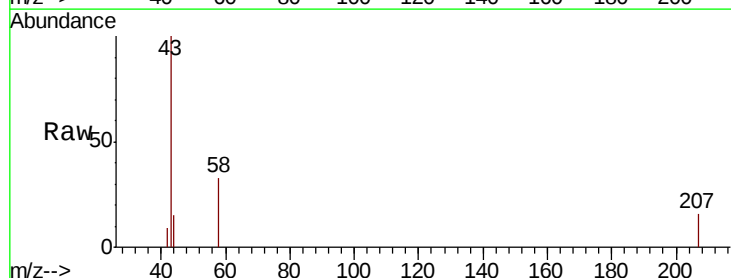
Acq: 19 Mar 2020 11:58

Tgt Ion: 43 Resp: 6325

Ion Ratio Lower Upper

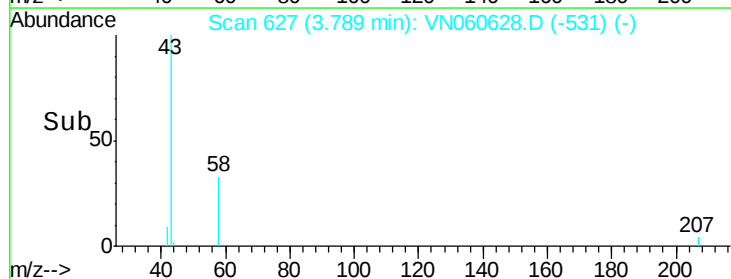
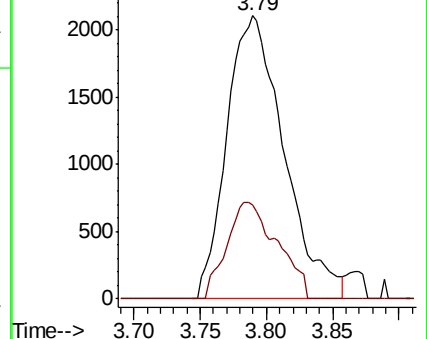
43 100

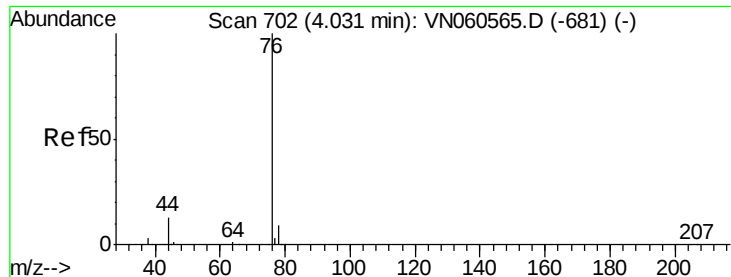
58 33.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: 0.263 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

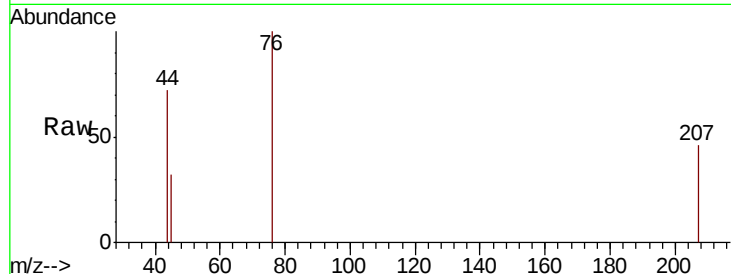
PB127661TB

Tot Ion: 76 Resp: 1600

Ion Ratio Lower Upper

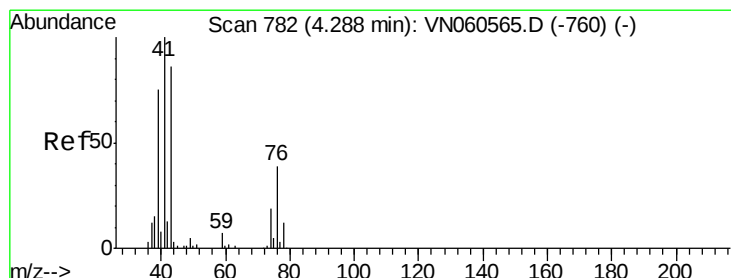
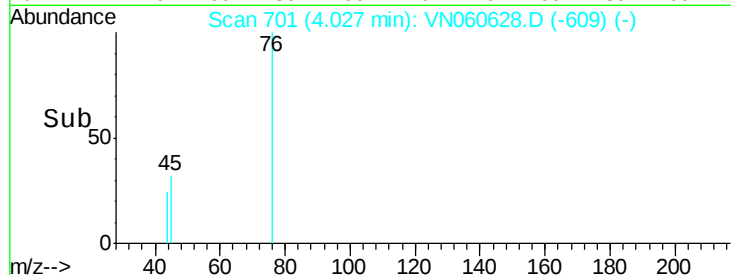
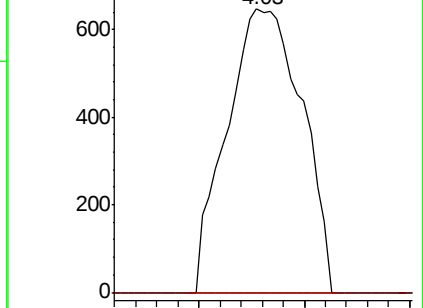
76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN060628.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060628.D (-609) (-)



#18

Methyl Acetate

Concen: 0.802 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN060628.D

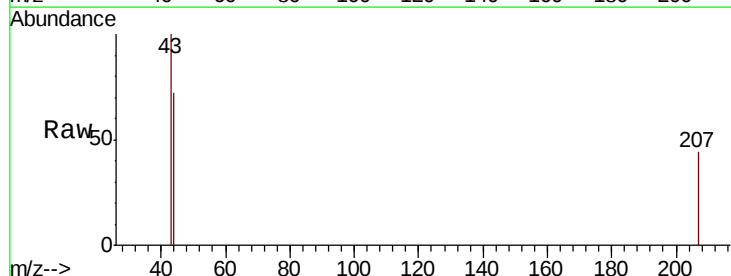
Acq: 19 Mar 2020 11:58

Tgt Ion: 43 Resp: 2030

Ion Ratio Lower Upper

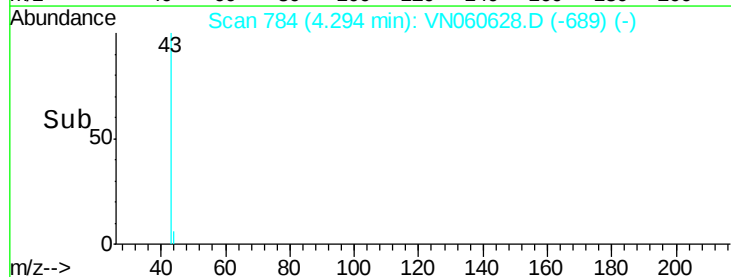
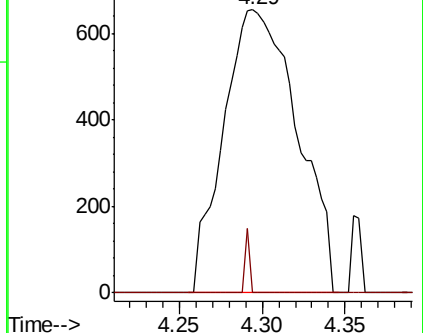
43 100

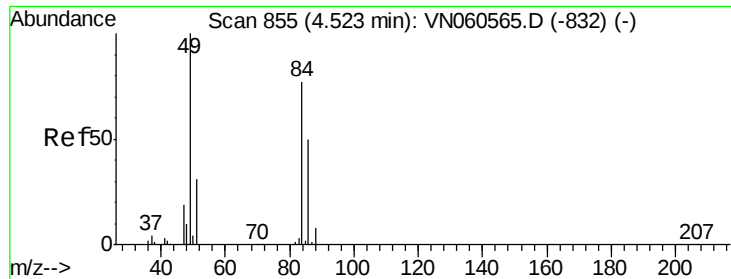
74 1.4 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060628.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060628.D (-689) (-)

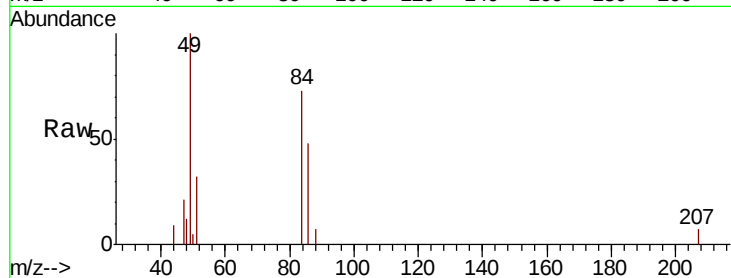




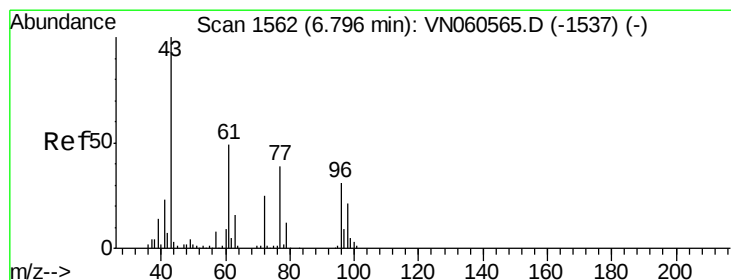
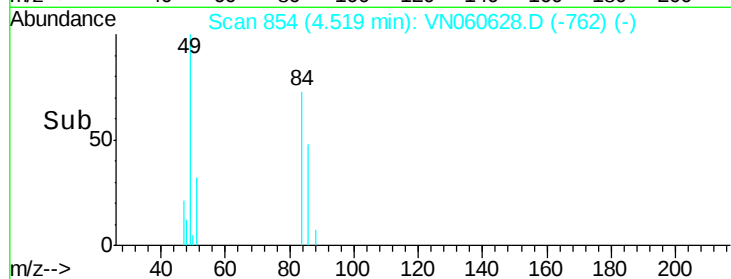
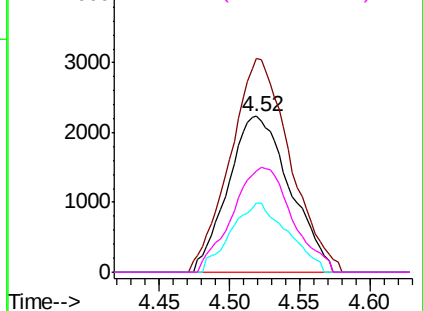
#20
Methvlene Chloride
Concen: 3.091 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

Instrument :
MSVOA_N
ClientSampled :
PB127661TB

Tot Ion:	84	Resp:	6835
Ion	Ratio	Lower	Upper
84	100		
49	136.9	103.3	154.9
51	44.2	31.6	47.4
86	65.1	52.0	78.0

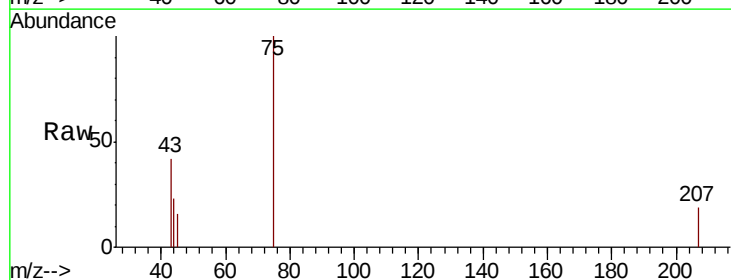


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

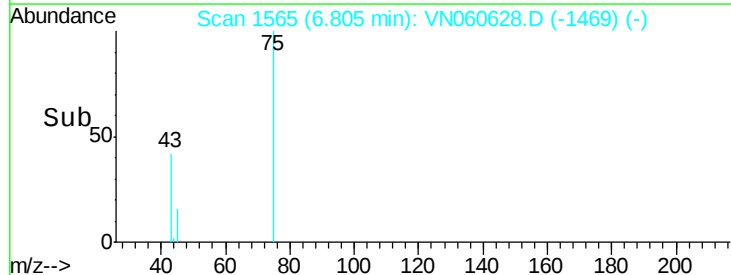
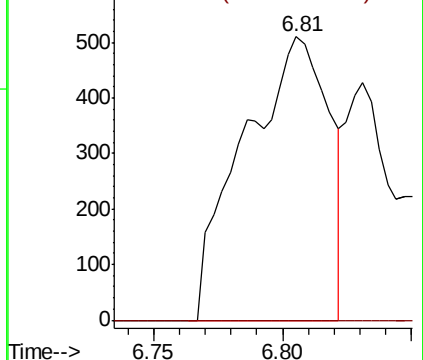


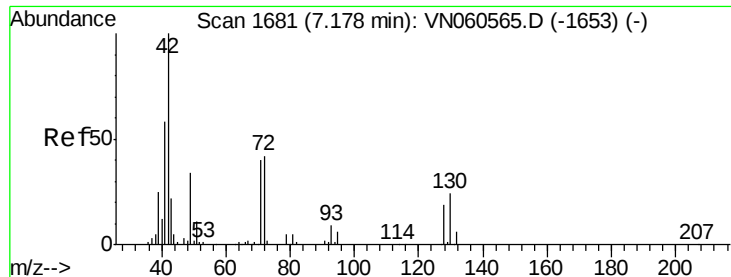
#25
2-Butanone
Concen: 0.806 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

Tgt Ion:	43	Resp:	1172
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6#



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





#29

Tetrahydrofuran

Concen: 0.416 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

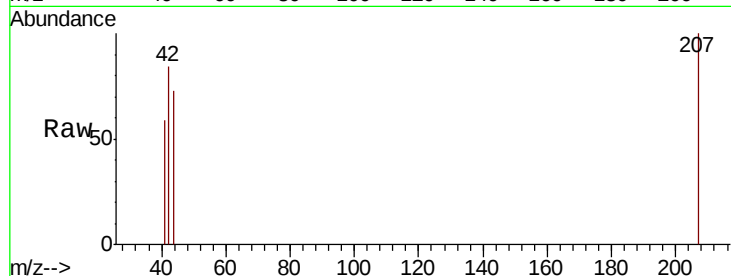
Tot Ion: 42 Resp: 428

Ion Ratio Lower Upper

42 100

72 0.0 33.2 49.8#

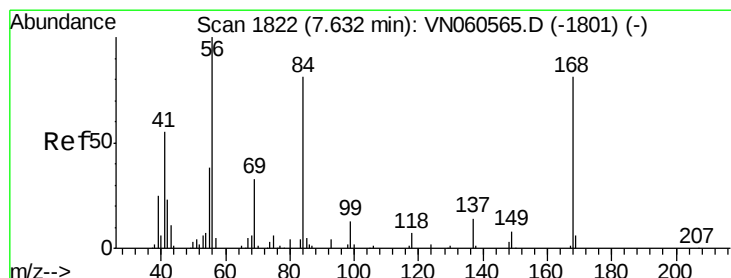
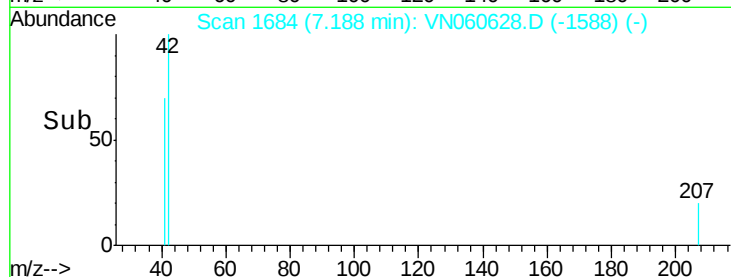
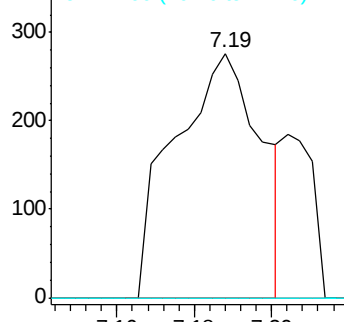
71 0.0 31.1 46.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.961 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

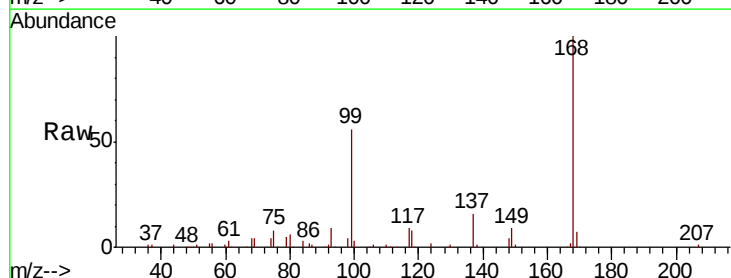
Tgt Ion: 56 Resp: 3929

Ion Ratio Lower Upper

56 100

69 178.4 26.6 40.0#

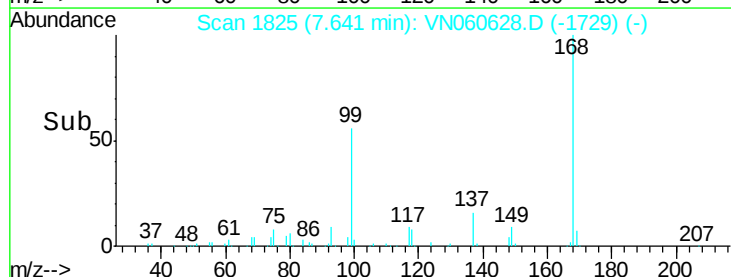
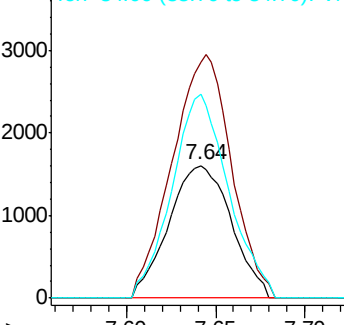
84 154.0 64.3 96.5#

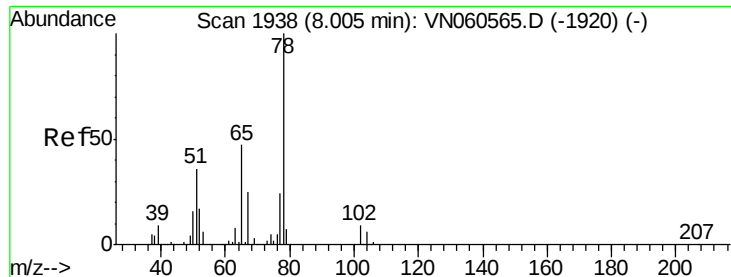


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

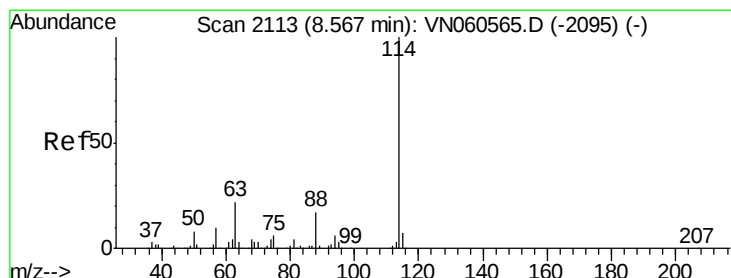
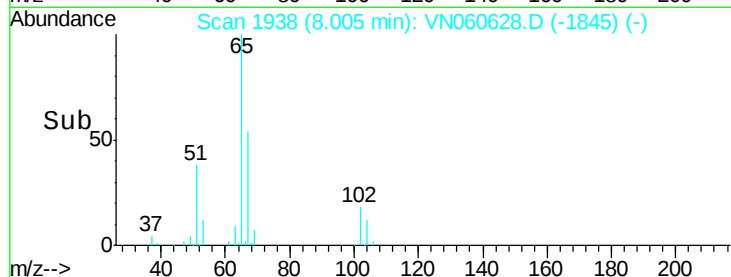
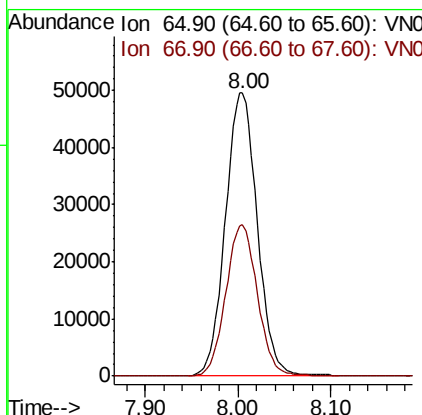
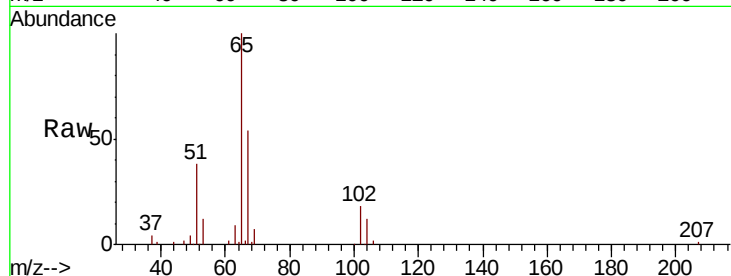




#33
 1,2-Dichloroethane-d4
 Concen: 46.556 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

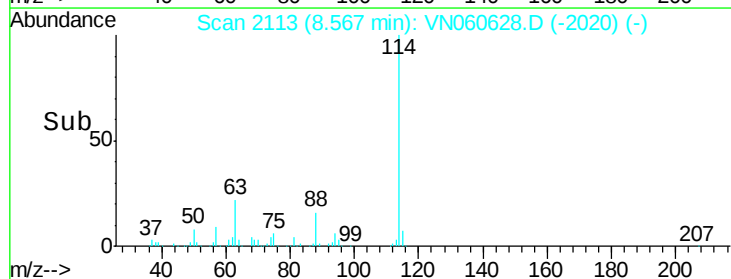
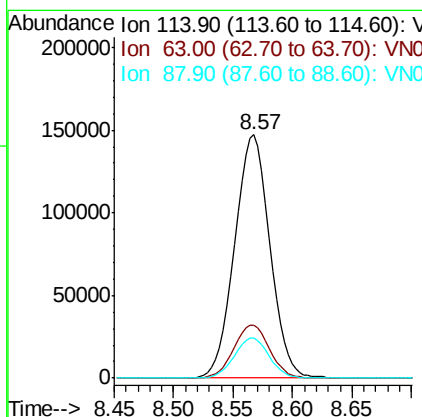
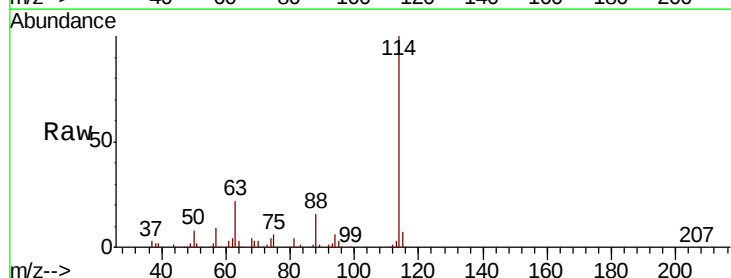
Instrument :
 MSVOA_N
 ClientSampled :
 PB127661TB

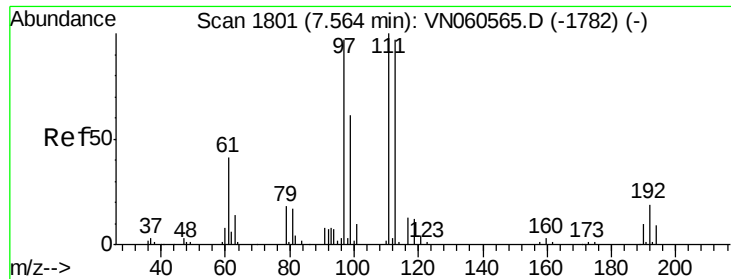
Tot Ion: 65 Resp: 118159
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

Tgt Ion: 114 Resp: 302787
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.300 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

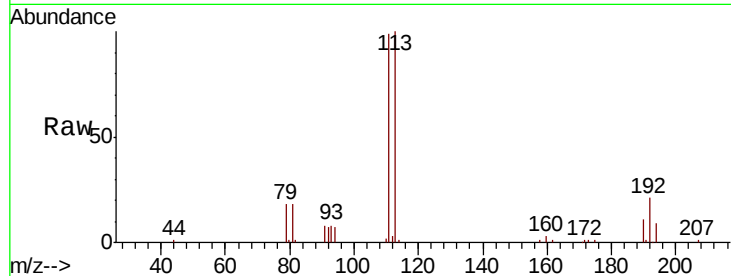
Tot Ion:113 Resp: 90261

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

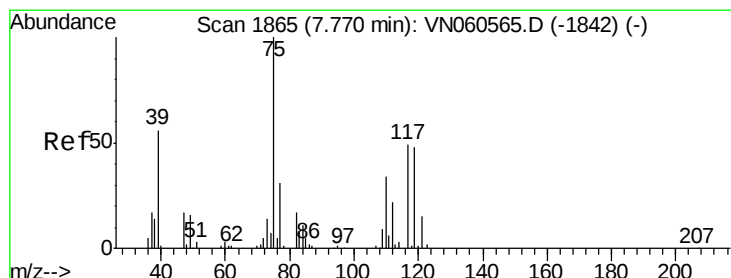
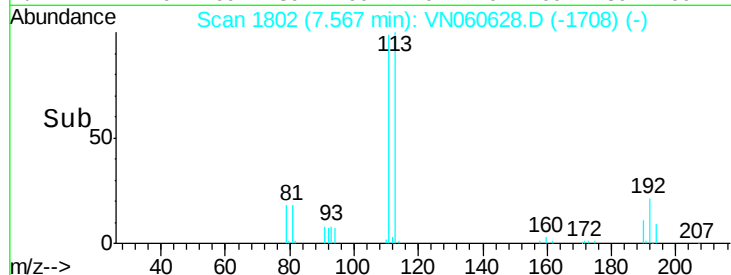
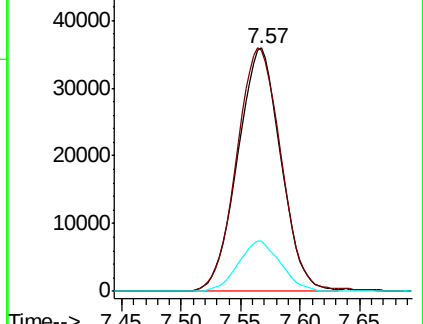
192 20.1 15.8 23.8



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: 4.919 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

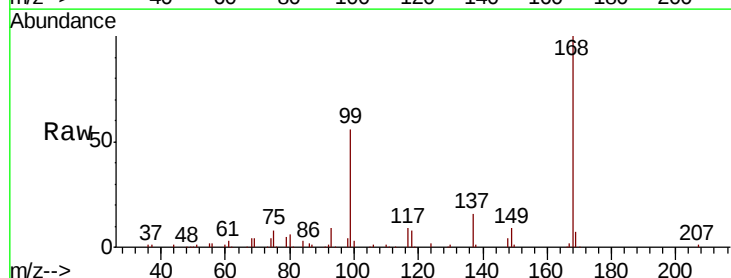
Tgt Ion: 75 Resp: 14421

Ion Ratio Lower Upper

75 100

110 7.3 16.9 50.6#

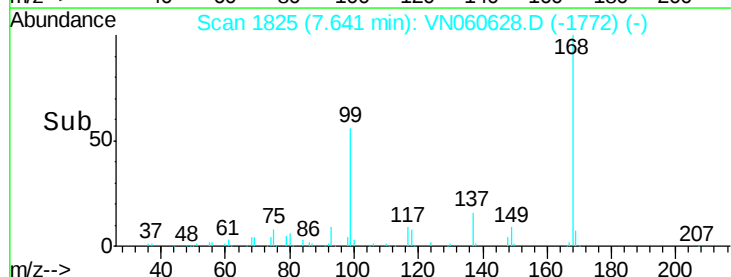
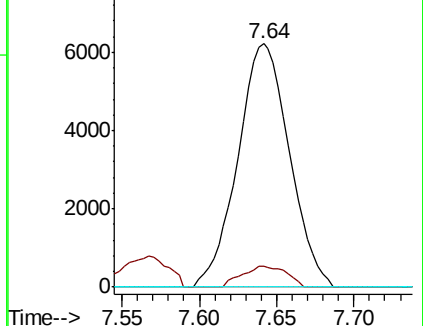
77 0.0 24.6 36.8#

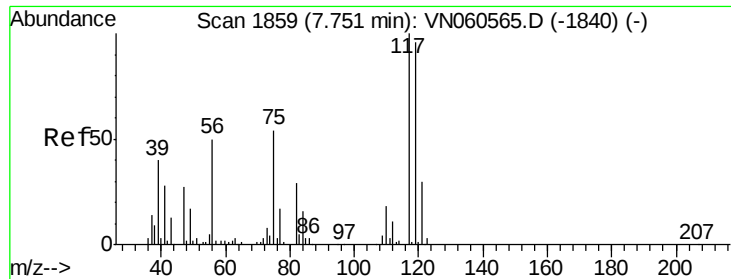


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

PB127661TB

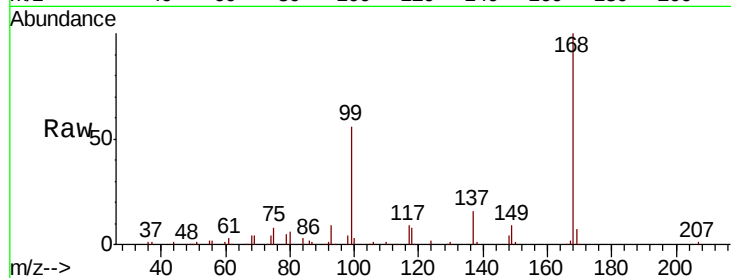
Tot Ion:117 Resp: 17422

Ion Ratio Lower Upper

117 100

119 3.6 76.2 114.2#

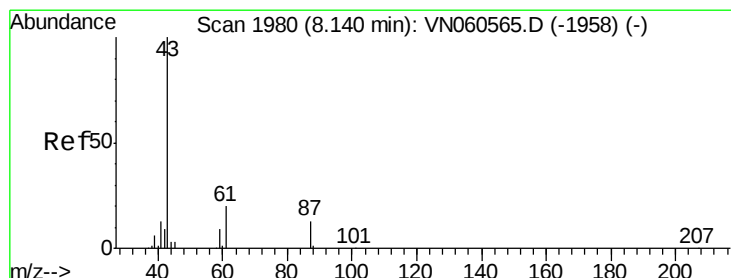
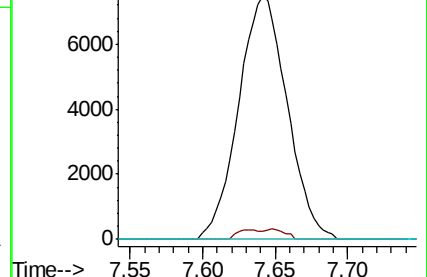
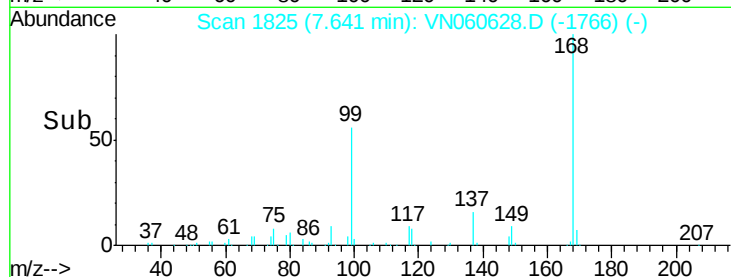
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 12.697 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

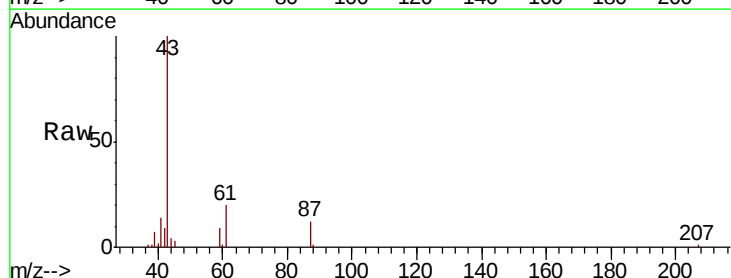
Tgt Ion: 43 Resp: 66335

Ion Ratio Lower Upper

43 100

61 19.8 20.7 31.1#

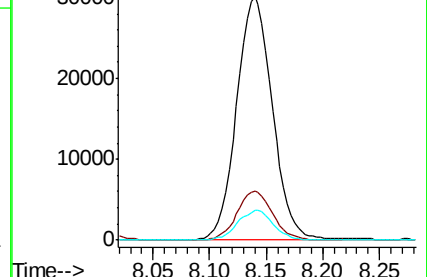
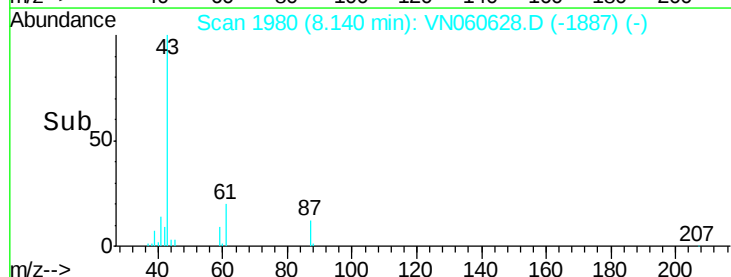
87 12.0 9.8 14.8

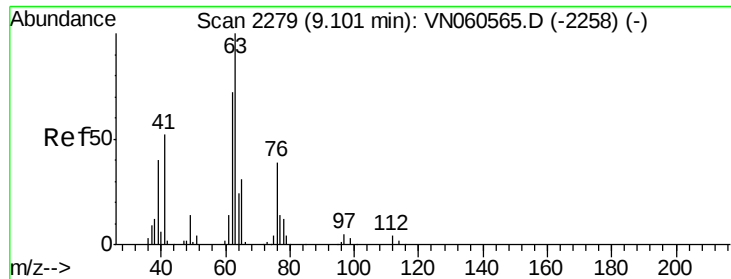


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

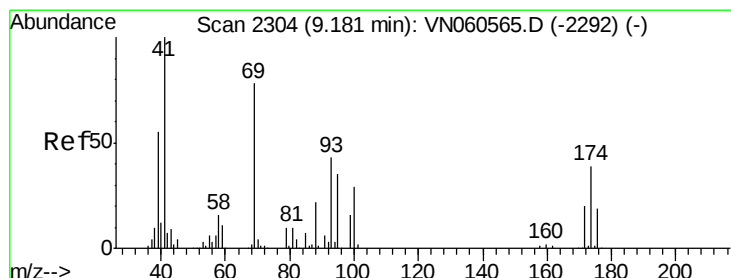
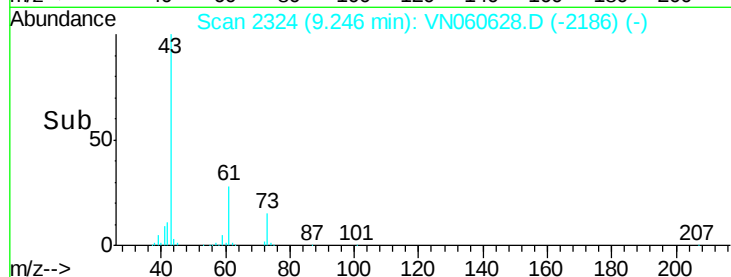
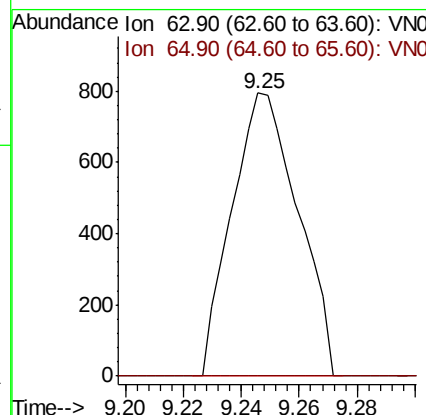
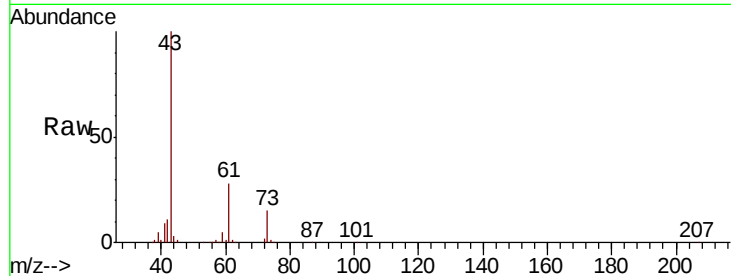




#45
 1,2-Dichloropropane
 Concen: 0.539 ug/l
 RT: 9.25 min Scan# 2324
 Delta R.T. 0.14 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

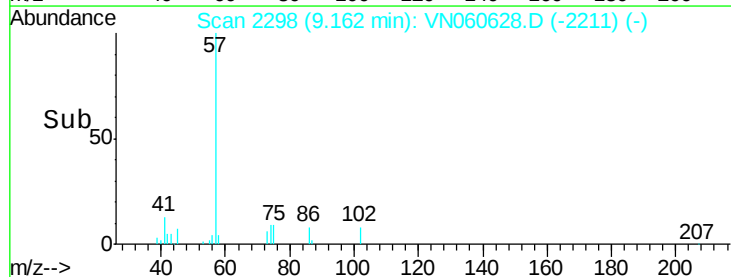
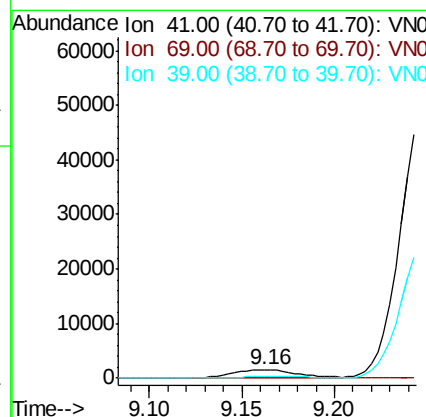
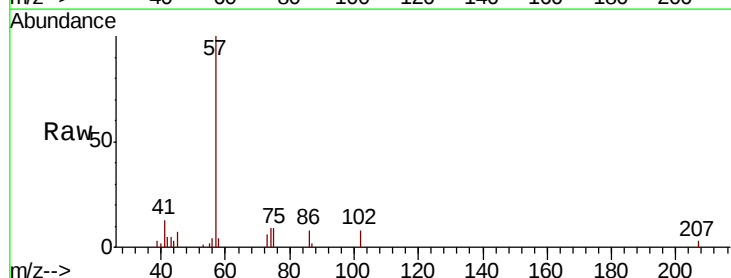
Instrument :
 MSVOA_N
 ClientSampled :
 PB127661TB

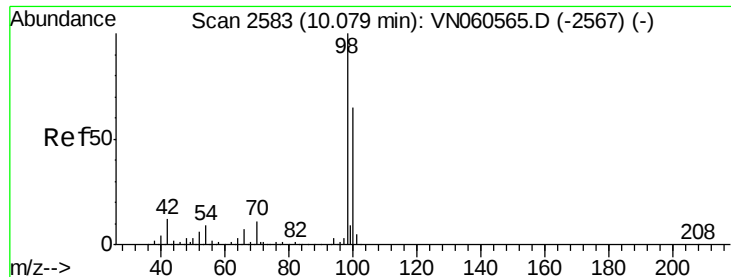
Tot Ion: 63 Resp: 1259
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.4 38.0#



#48
 Methyl methacrylate
 Concen: 1.565 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

Tgt Ion: 41 Resp: 3640
 Ion Ratio Lower Upper
 41 100
 69 0.0 65.4 98.0#
 39 0.0 44.0 66.0#





#50

Toluene-d8

Concen: 49.904 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

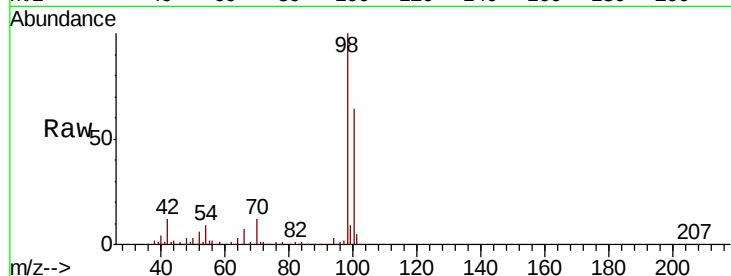
PB127661TB

Tot Ion: 98 Resp: 373202

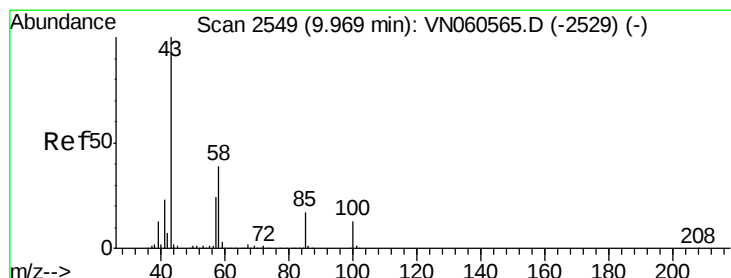
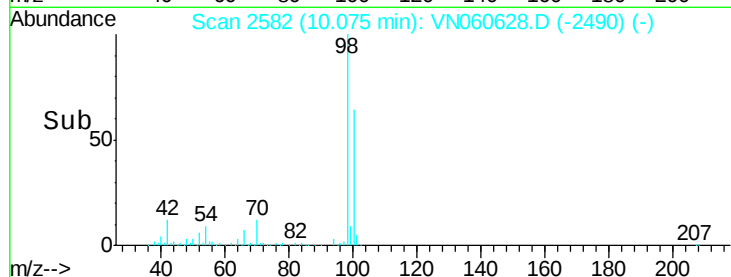
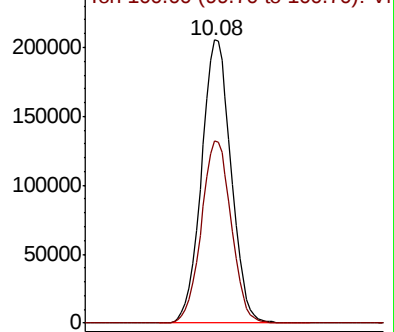
Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.920 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060628.D

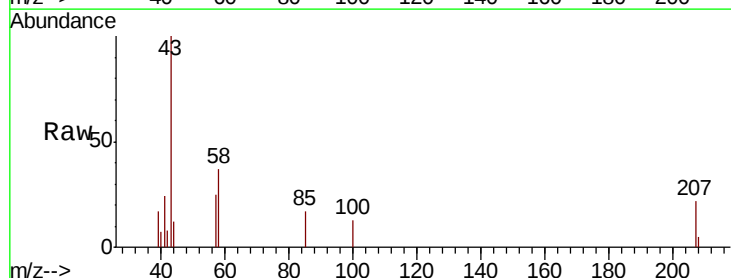
Acq: 19 Mar 2020 11:58

Tgt Ion: 43 Resp: 5708

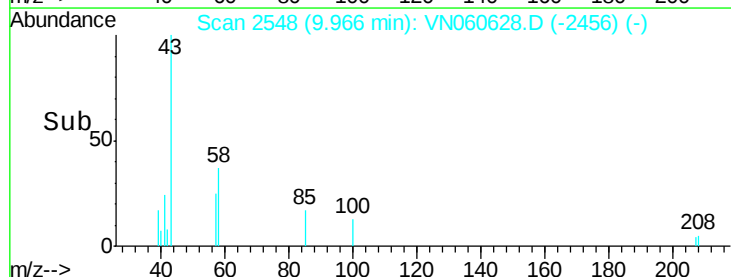
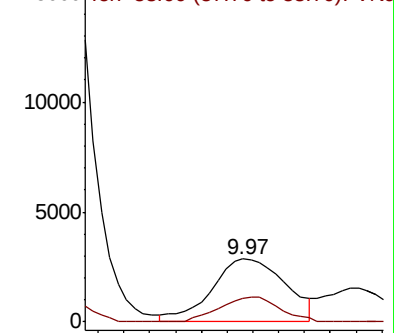
Ion Ratio Lower Upper

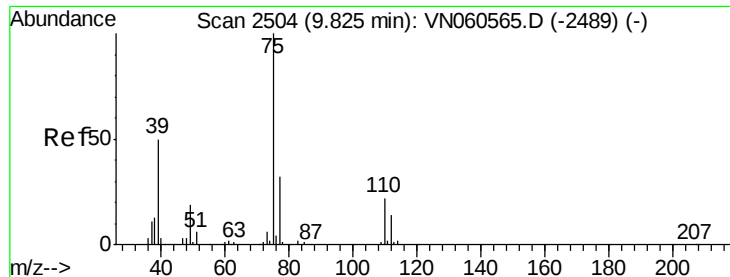
43 100

58 32.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)





#54

cis-1,3-Dichloropropene

Concen: 7.516 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

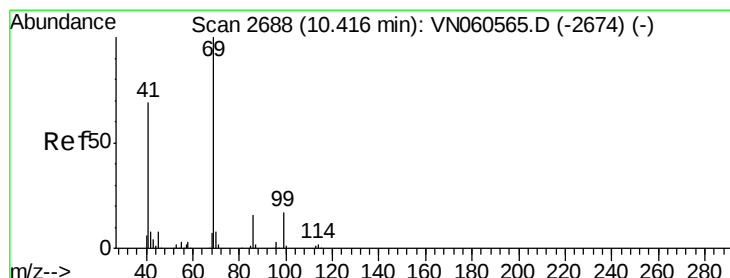
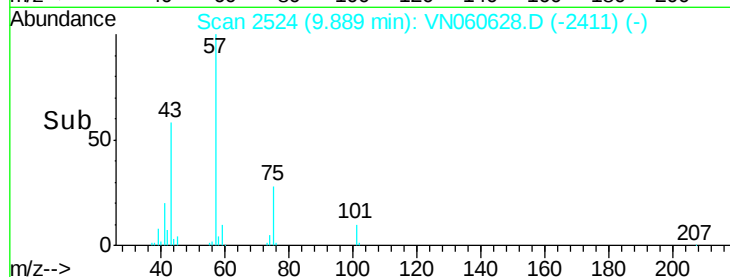
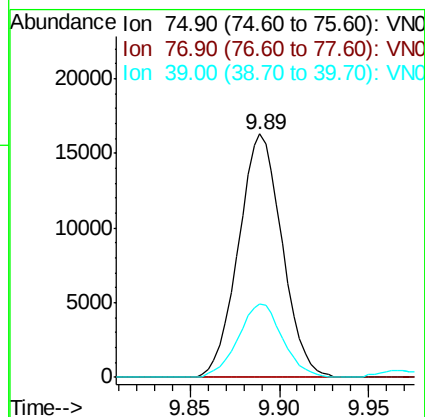
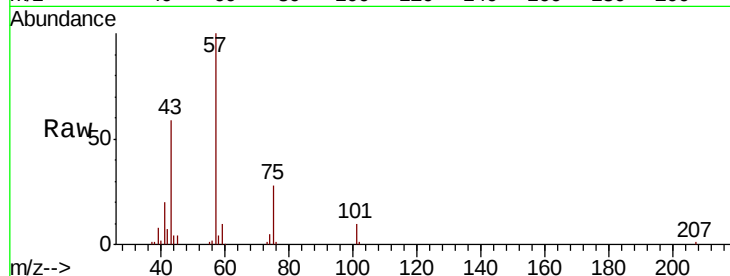
Tot Ion: 75 Resp: 27789

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 29.9 40.2 60.4#



#56

Ethyl methacrylate

Concen: 0.217 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. 0.11 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

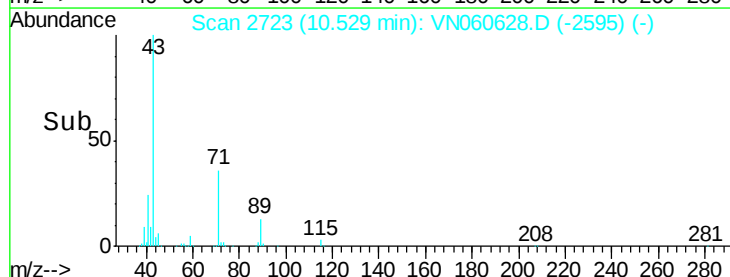
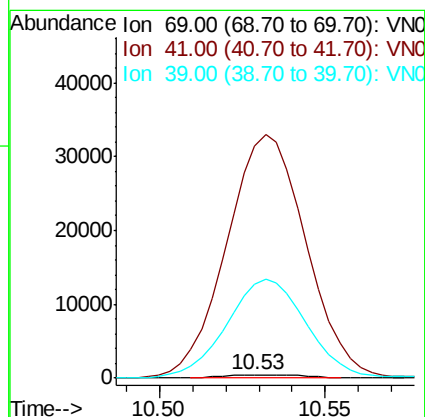
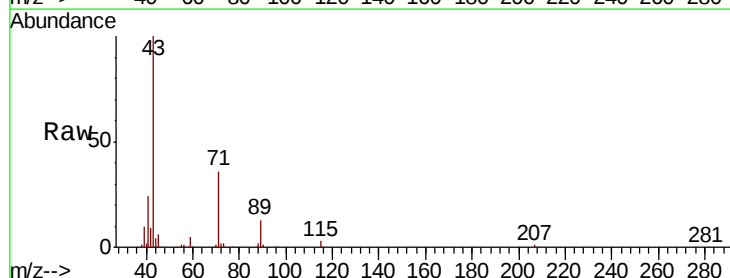
Tgt Ion: 69 Resp: 697

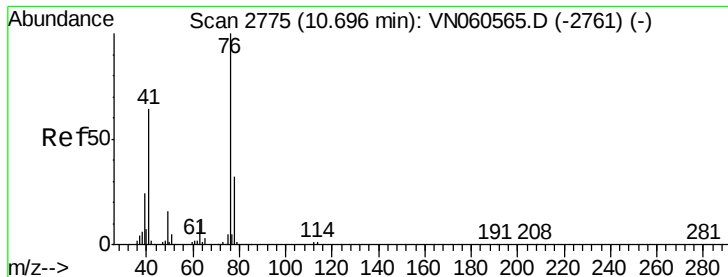
Ion Ratio Lower Upper

69 100

41 7928.4 55.4 83.2#

39 3262.0 29.4 44.0#





#57

1,3-Dichloropropane

Concen: 1.257 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

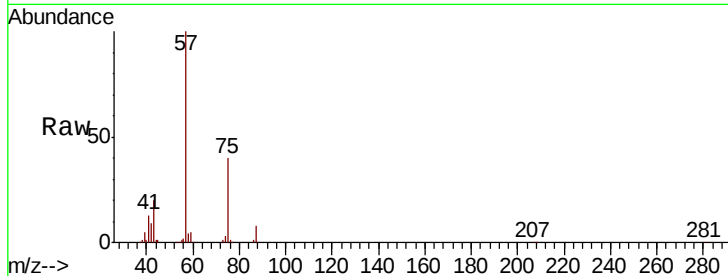
PB127661TB

Tot Ion: 76 Resp: 4487

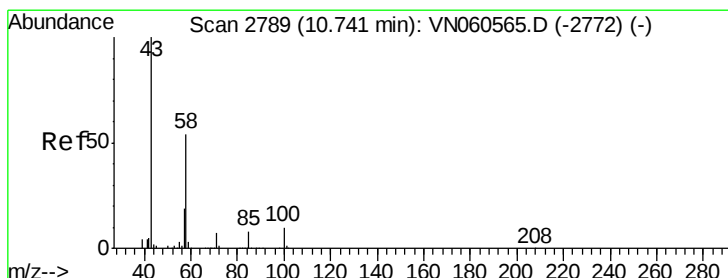
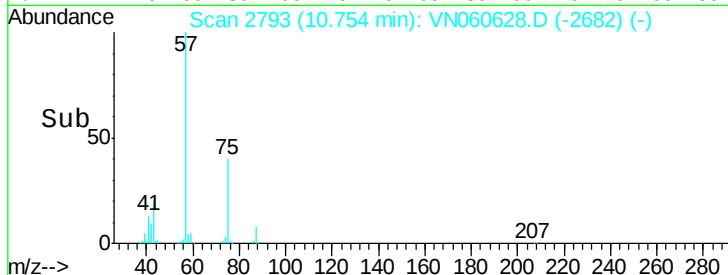
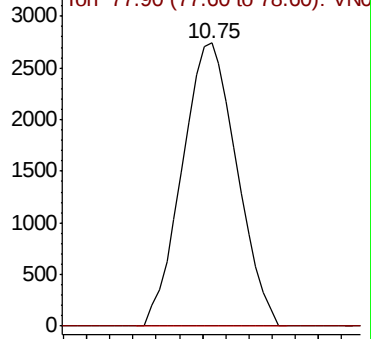
Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN060628.D (-2761) (-)



#59

2-Hexanone

Concen: 31.303 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060628.D

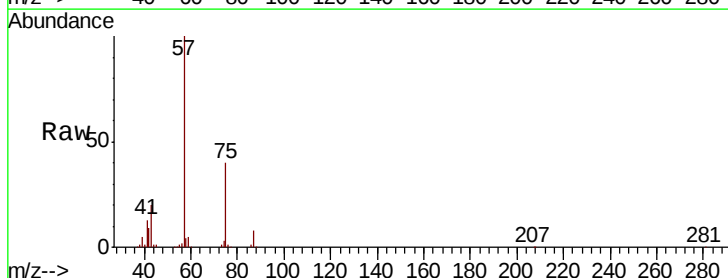
Acq: 19 Mar 2020 11:58

Tgt Ion: 43 Resp: 67039

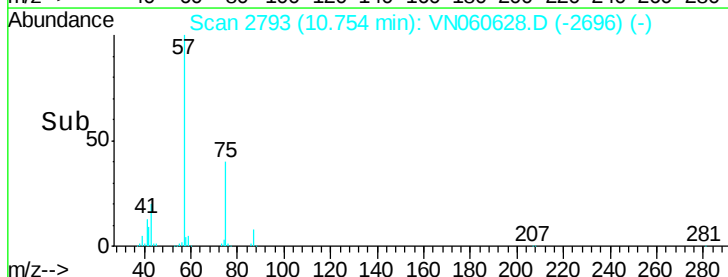
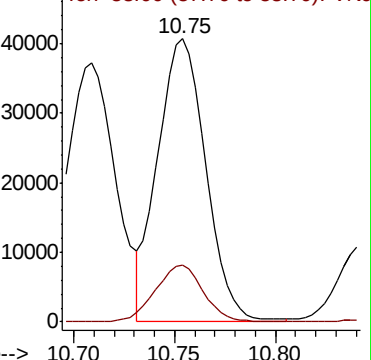
Ion Ratio Lower Upper

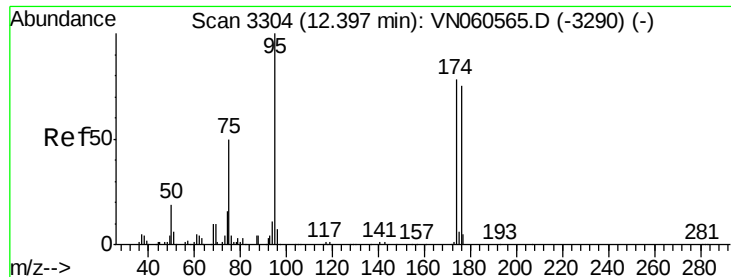
43 100

58 20.0 26.7 80.1#



Abundance Ion 43.00 (42.70 to 43.30): VN060628.D (-2772) (-)





#62

4-Bromofluorobenzene

Concen: 48.614 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

PB127661TB

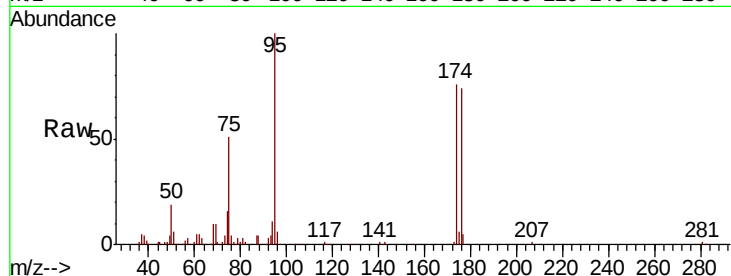
Tot Ion: 95 Resp: 133236

Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.6

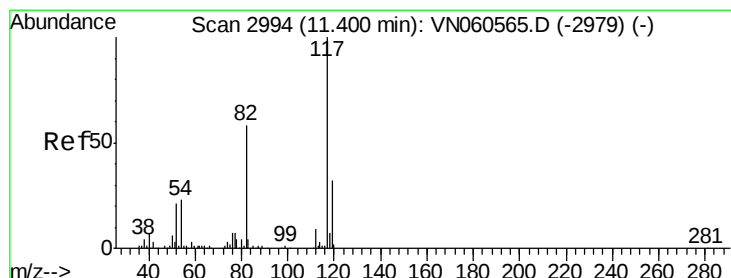
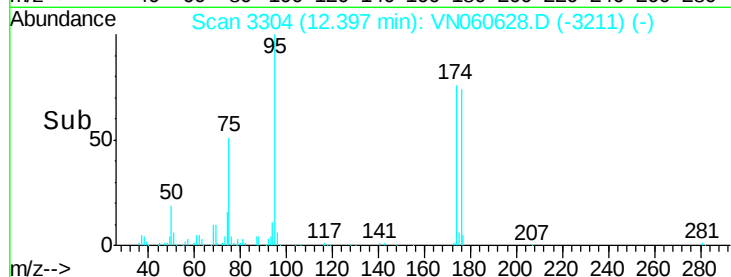
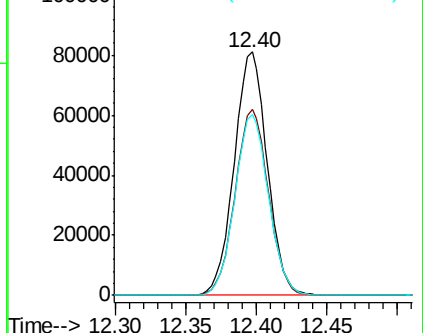
176 75.5 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

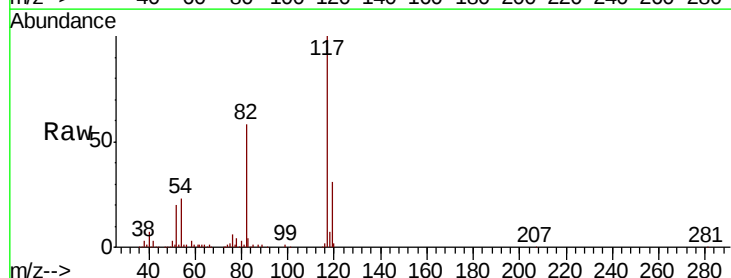
Tgt Ion: 117 Resp: 276372

Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

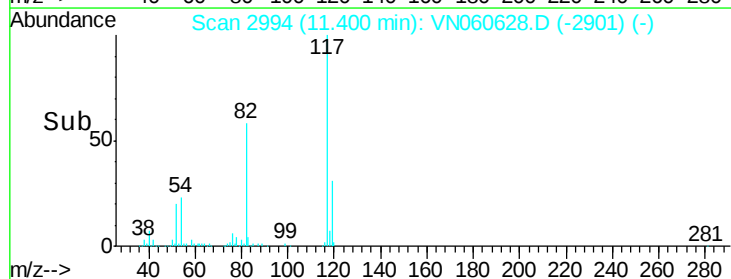
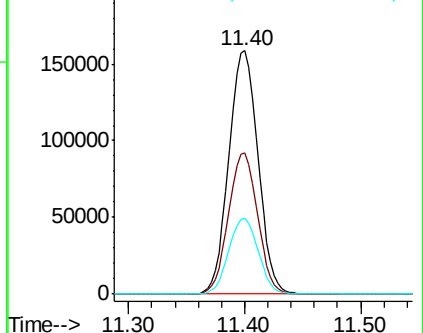
119 31.1 25.5 38.3

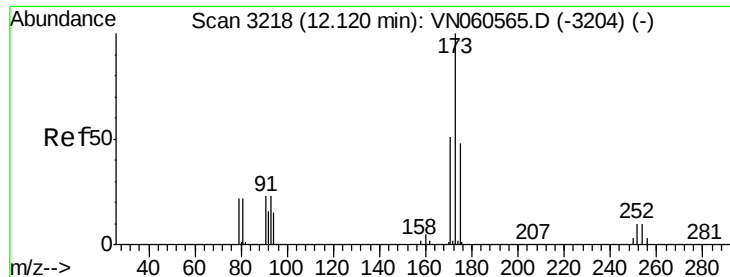


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 2.144 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

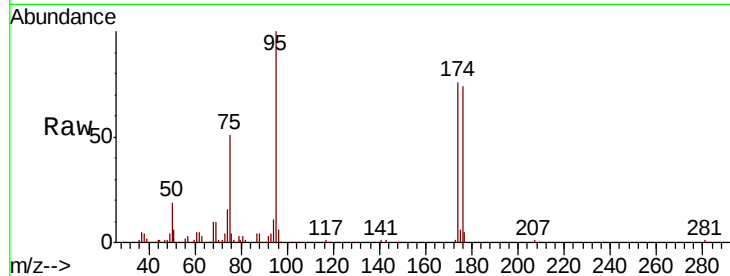
Tot Ion:173 Resp: 791

Ion Ratio Lower Upper

173 100

175 808.8 24.1 72.4#

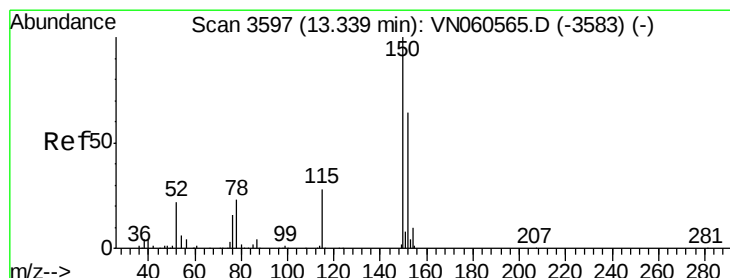
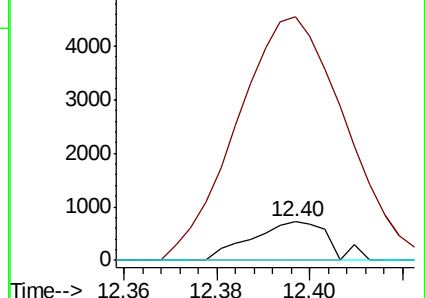
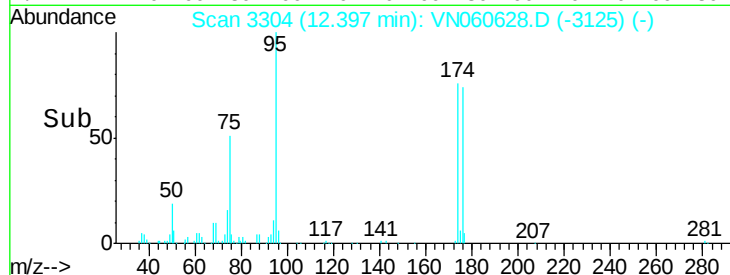
254 0.0 0.0 0.0



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: VN060628.D

Acq: 19 Mar 2020 11:58

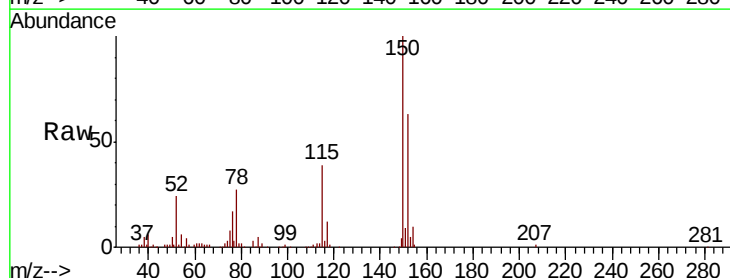
Tgt Ion:152 Resp: 116485

Ion Ratio Lower Upper

152 100

115 60.9 30.2 90.6

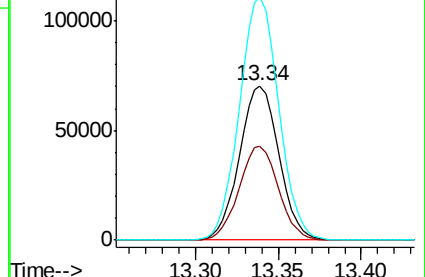
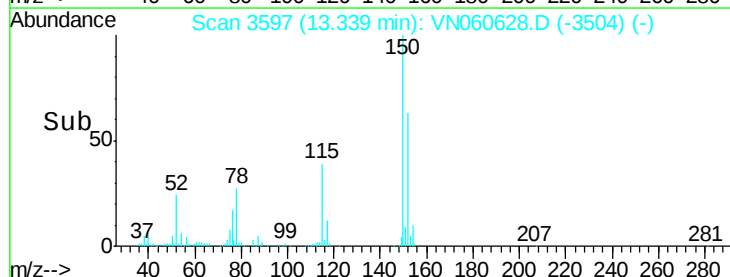
150 157.3 0.0 350.2

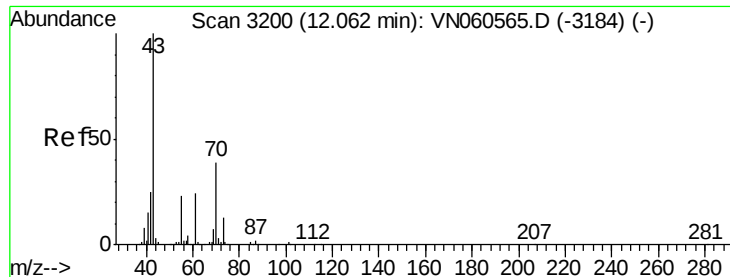


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.420 ug/l

RT: 12.05 min Scan# 3197

Delta R.T. -0.01 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

Tot Ion: 43 Resp: 1696

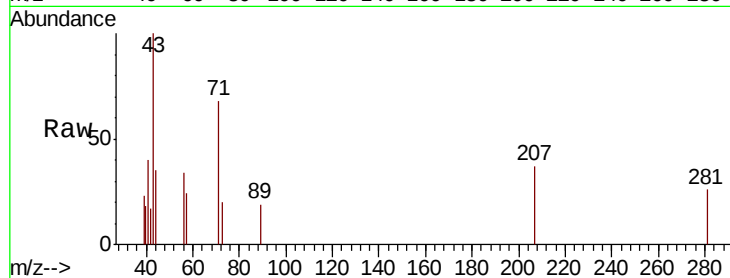
Ion Ratio Lower Upper

43 100

70 11.6 31.1 46.7#

55 0.0 18.6 27.8#

61 0.0 18.9 28.3#

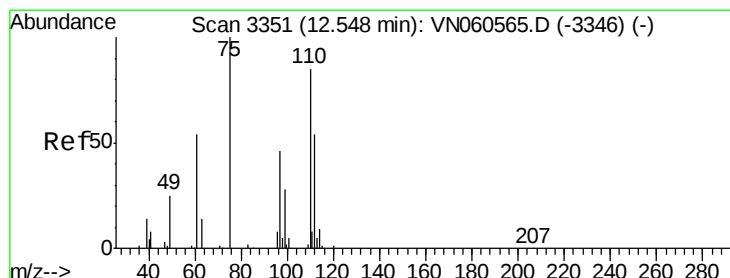
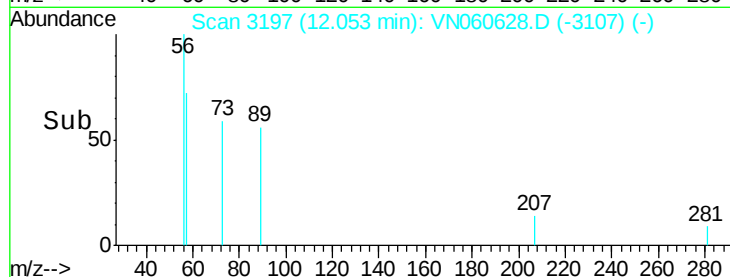
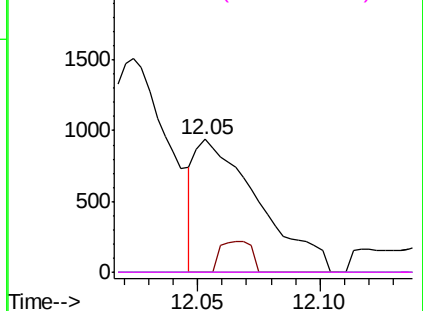


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 26.858 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060628.D

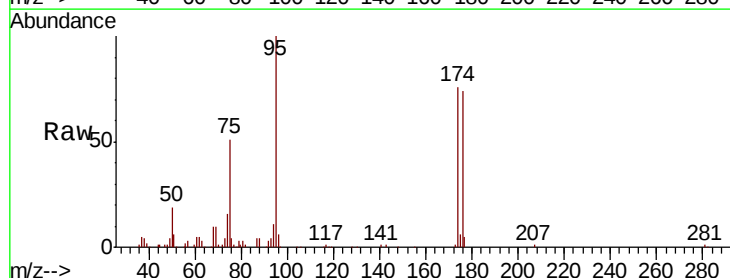
Acq: 19 Mar 2020 11:58

Tgt Ion: 75 Resp: 67507

Ion Ratio Lower Upper

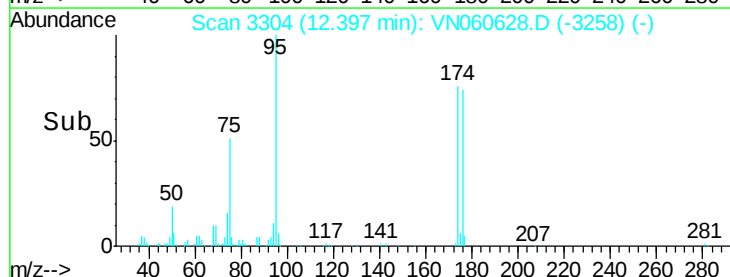
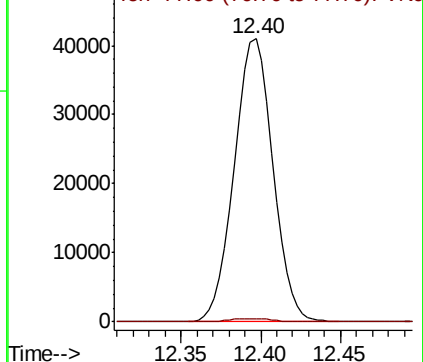
75 100

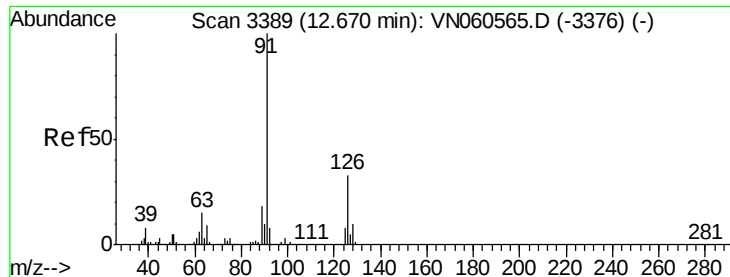
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

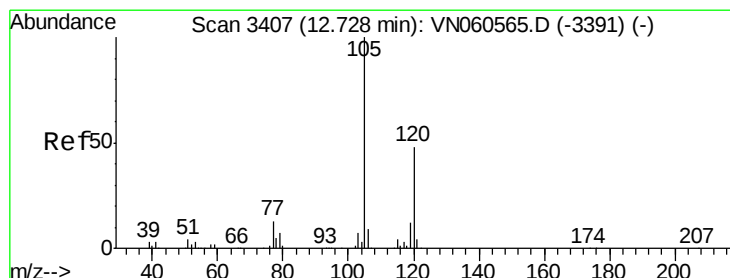
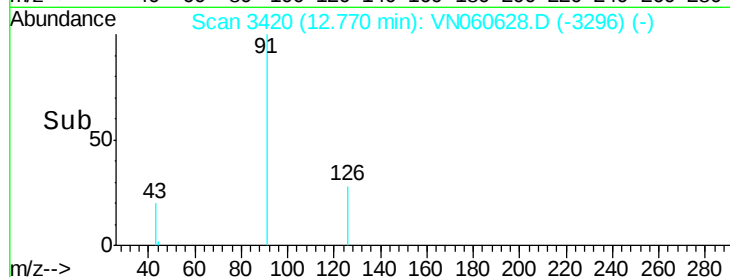
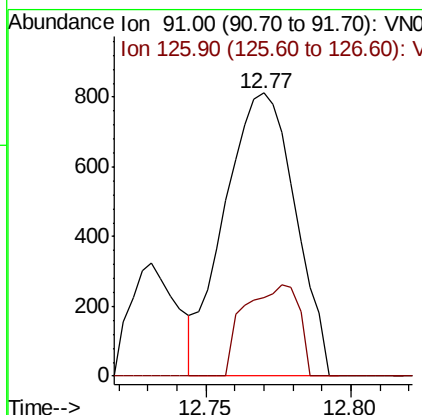
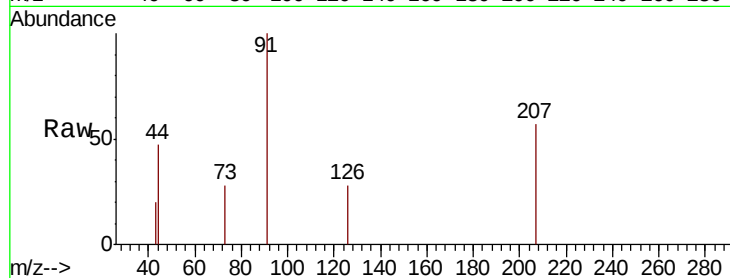




#79
 2-Chlorotoluene
 Concen: 0.222 ug/l
 RT: 12.77 min Scan# 3420
 Delta R.T. 0.10 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

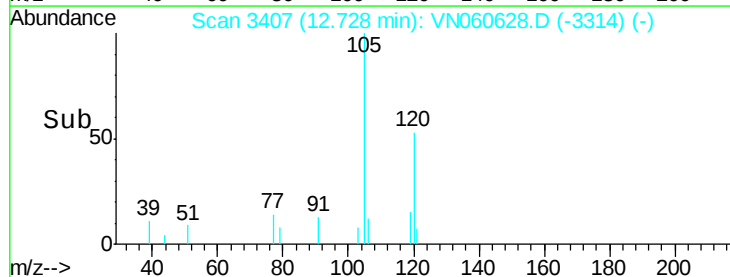
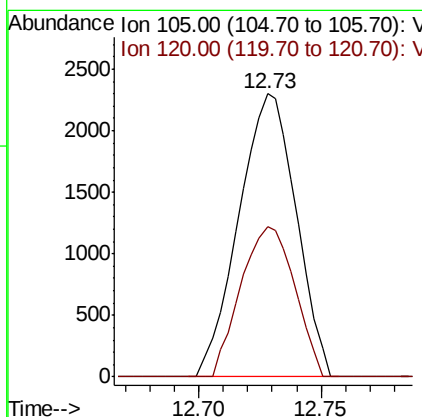
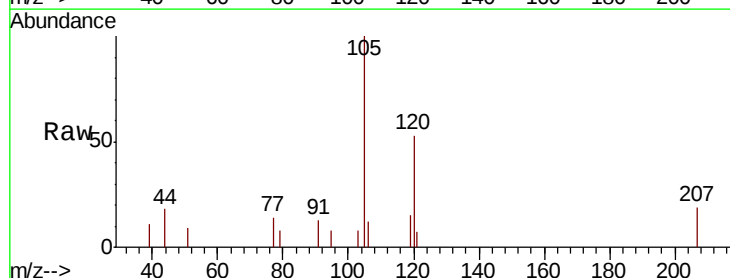
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661TB

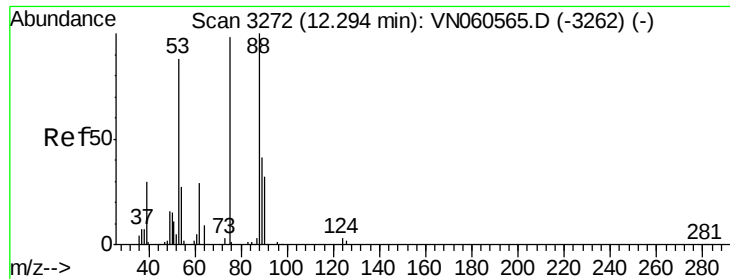
Tot Ion: 91 Resp: 1371
 Ion Ratio Lower Upper
 91 100
 126 24.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.505 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

Tgt Ion: 105 Resp: 3743
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 68.979 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

PB127661TB

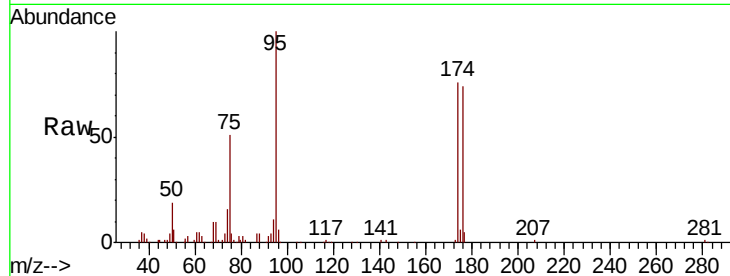
Tot Ion: 75 Resp: 67507

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

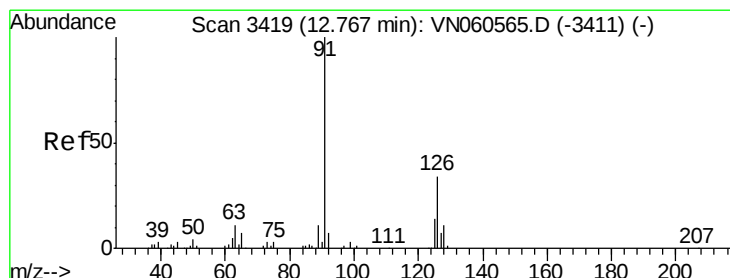
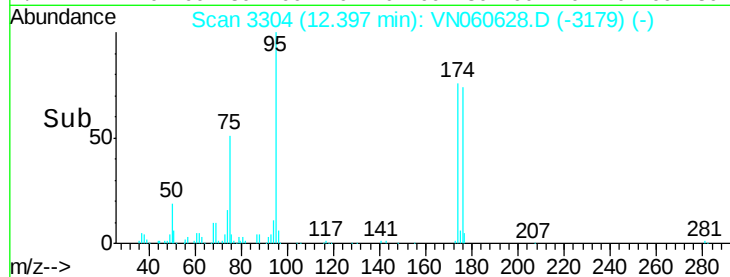
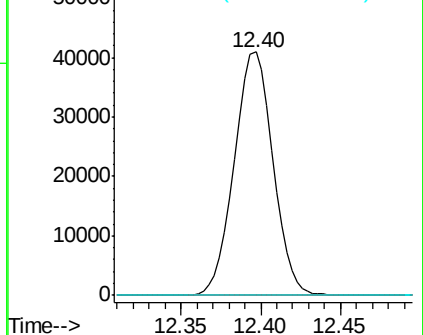
89 0.0 34.8 52.2#



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



#82

4-Chlorotoluene

Concen: 0.218 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060628.D

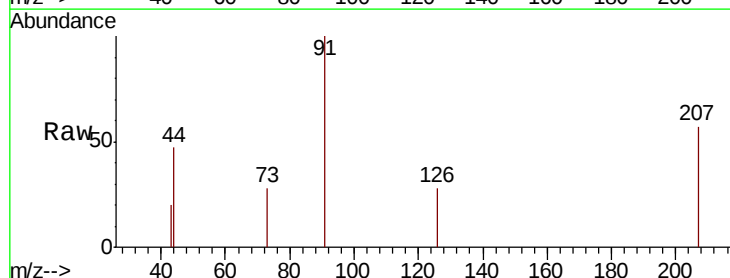
Acq: 19 Mar 2020 11:58

Tgt Ion: 91 Resp: 1371

Ion Ratio Lower Upper

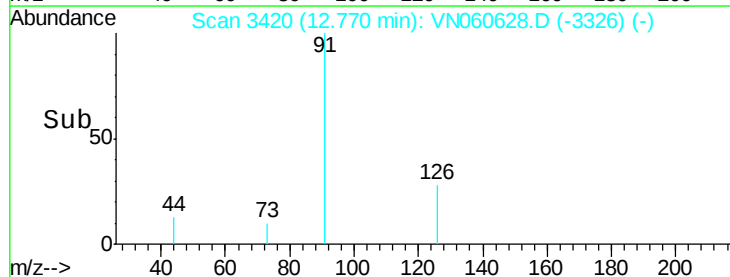
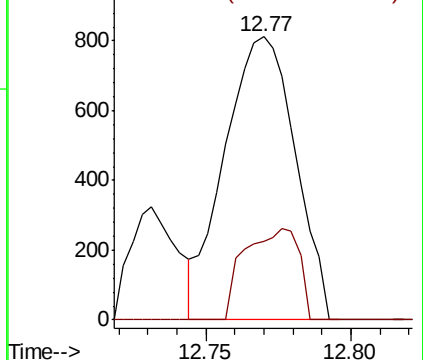
91 100

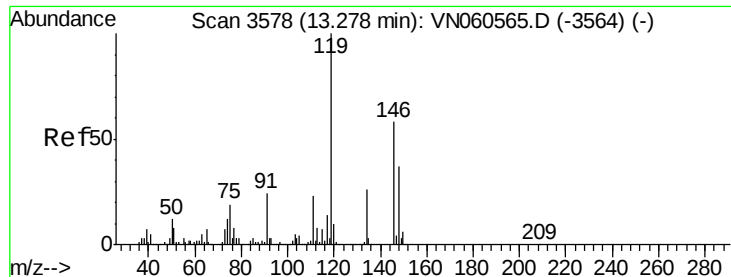
126 24.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

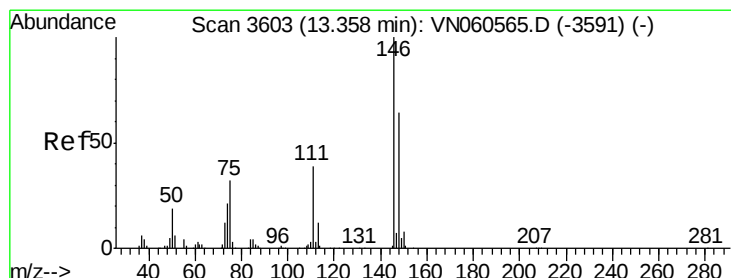
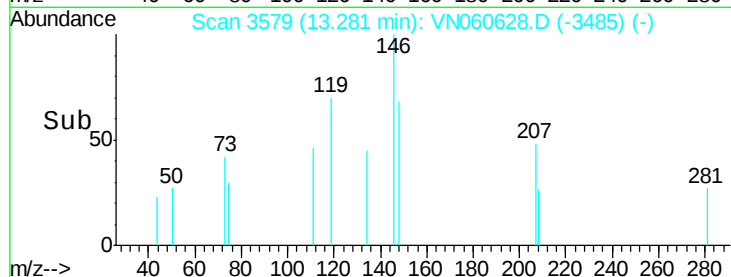
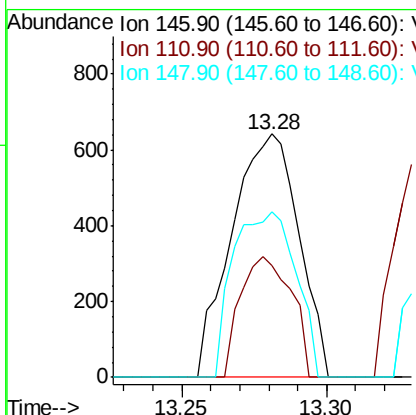
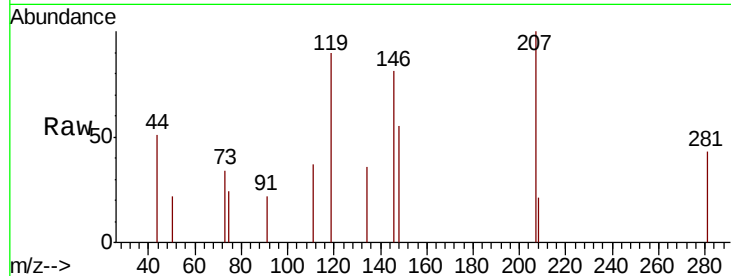




#87
 1,3-Dichlorobenzene
 Concen: 0.277 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

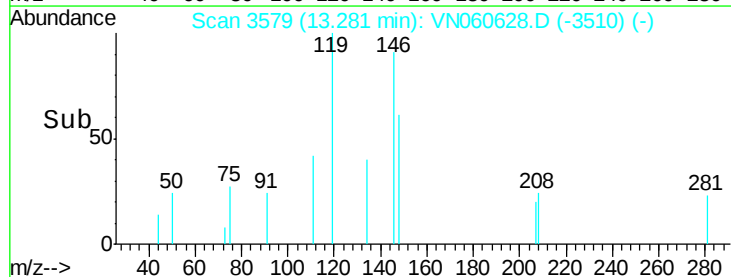
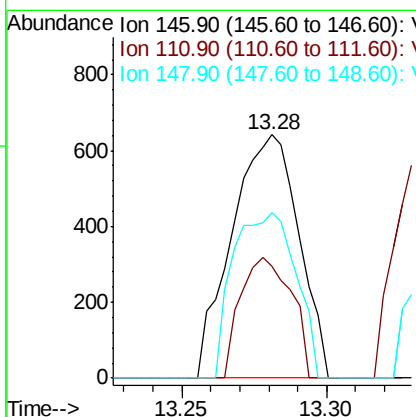
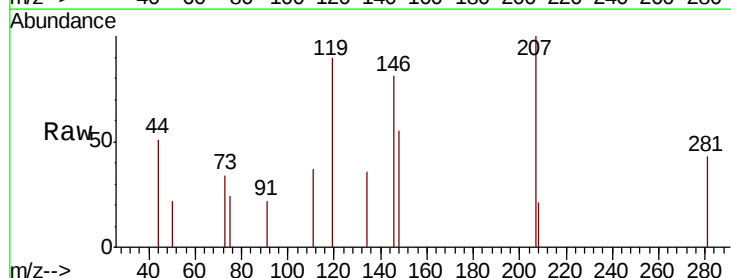
Instrument :
 MSVOA_N
 ClientSampled :
 PB127661TB

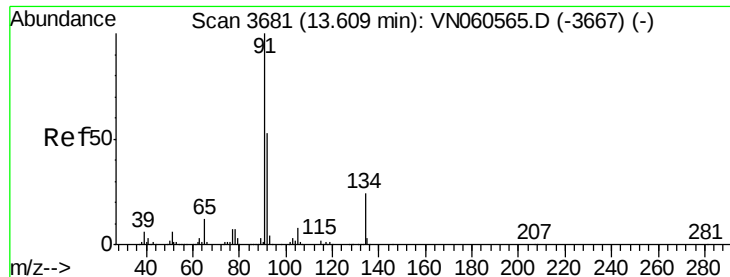
Tot Ion:146 Resp: 1029
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.3 60.8
 148 63.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.276 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

Tgt Ion:146 Resp: 1029
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.6 58.7
 148 63.6 32.1 96.3

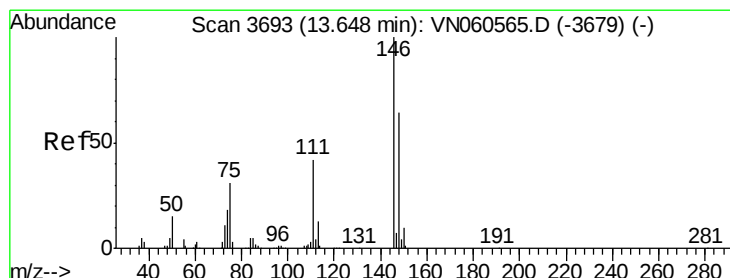
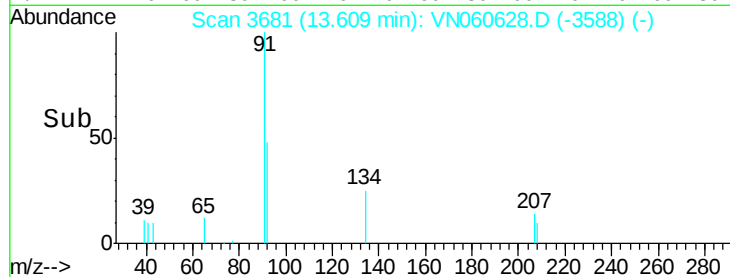
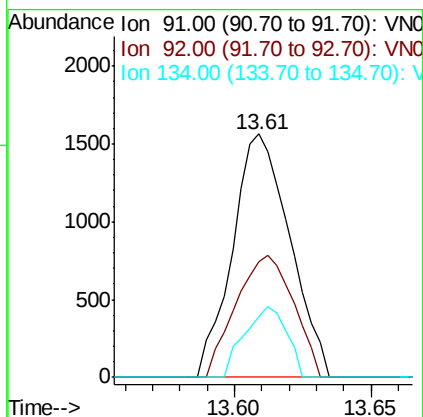
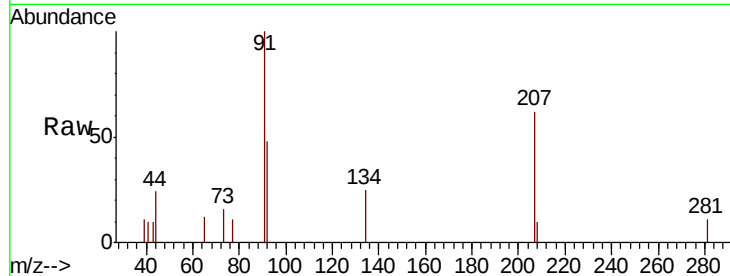




#89
n-Butylbenzene
Concen: 0.340 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

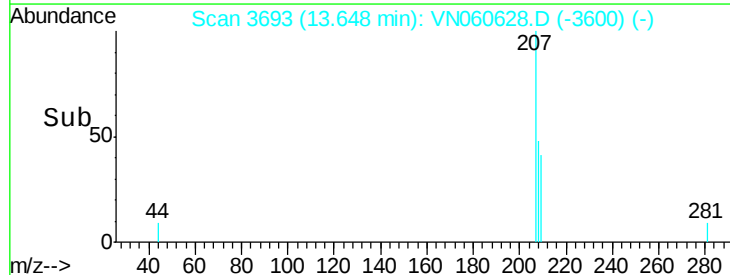
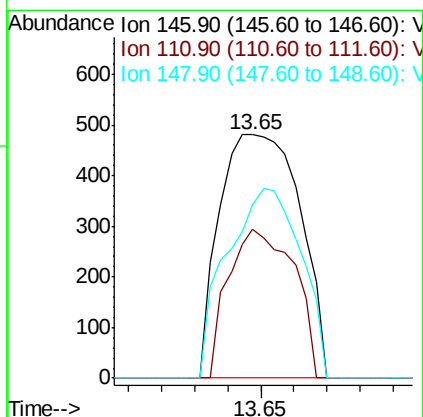
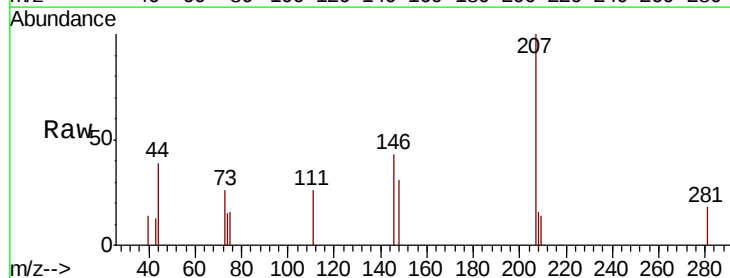
Instrument :
MSVOA_N
ClientSampled :
PB127661TB

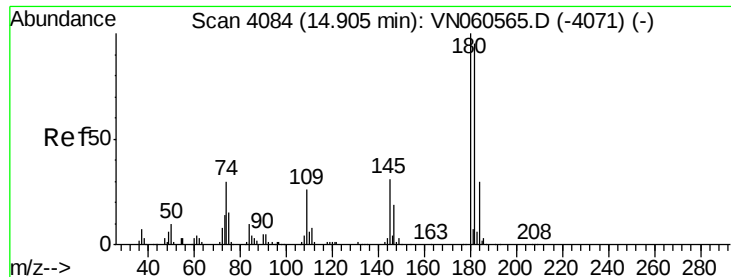
Tot Ion: 91 Resp: 2281
Ion Ratio Lower Upper
91 100
92 50.2 26.2 78.5
134 21.2 12.3 36.9



#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 13.65 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

Tgt Ion: 146 Resp: 811
Ion Ratio Lower Upper
146 100
111 49.9 21.0 63.0
148 72.0 31.9 95.5

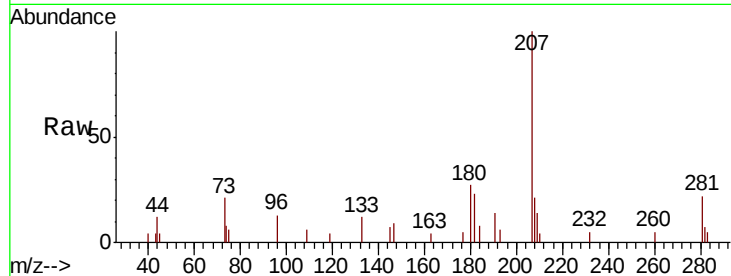




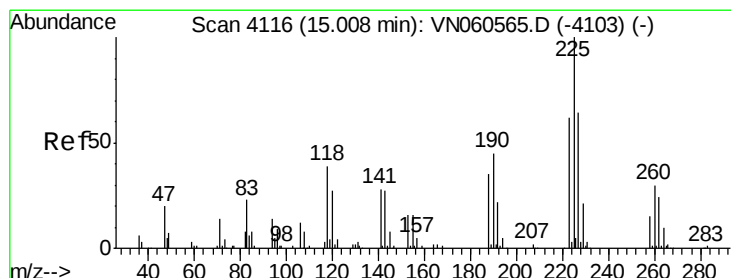
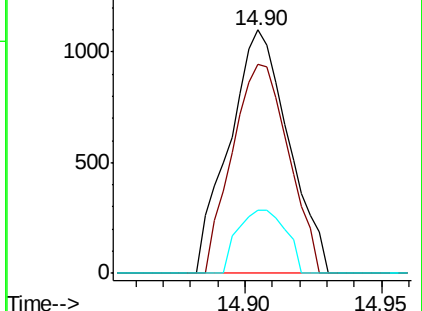
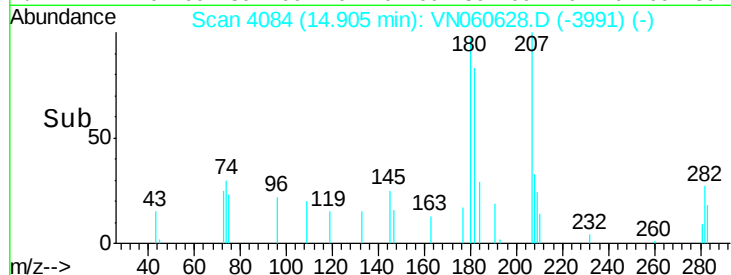
#93
 1,2,4-Trichlorobenzene
 Concen: 0.759 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661TB

Tot Ion:180 Resp: 1656
 Ion Ratio Lower Upper
 180 100
 182 81.3 47.9 143.8
 145 21.0 15.4 46.2

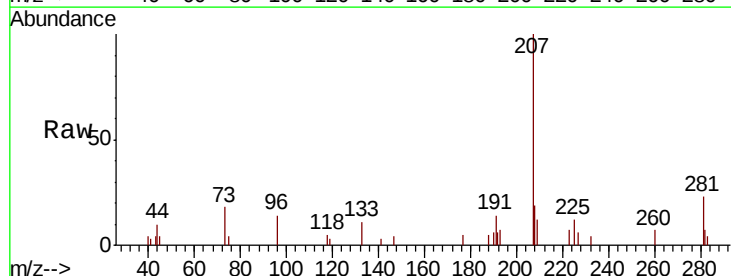


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

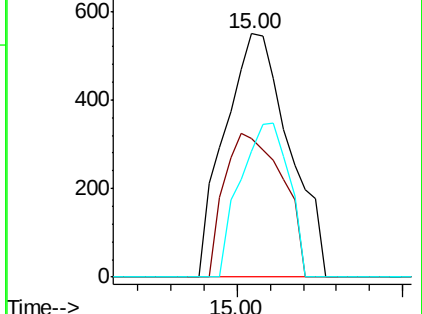
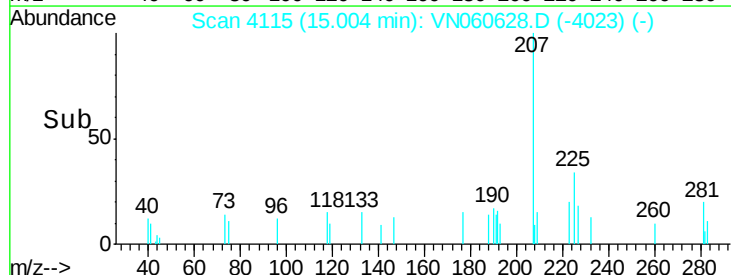


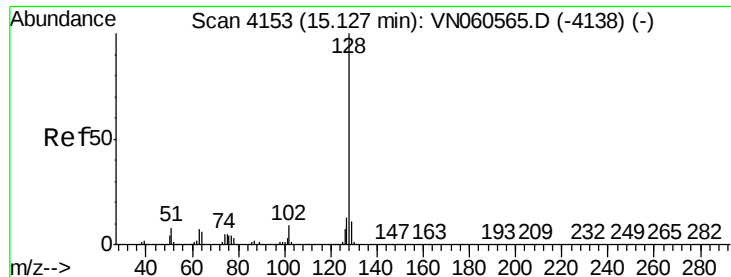
#94
 Hexachlorobutadiene
 Concen: 0.696 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN060628.D
 Acq: 19 Mar 2020 11:58

Tgt Ion:225 Resp: 744
 Ion Ratio Lower Upper
 225 100
 223 52.8 31.6 95.0
 227 47.4 32.3 96.8



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: 0.893 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

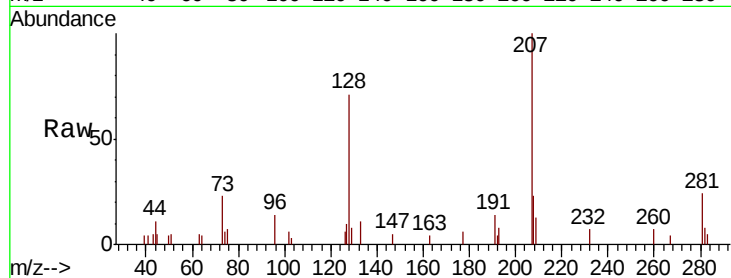
Tot Ion:128 Resp: 5858

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.2

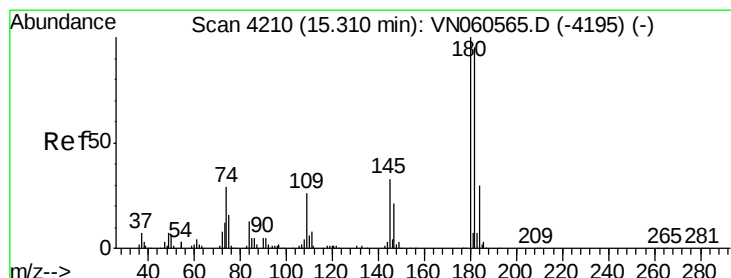
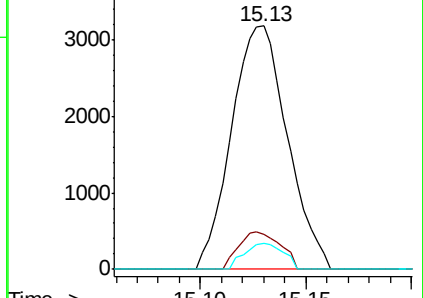
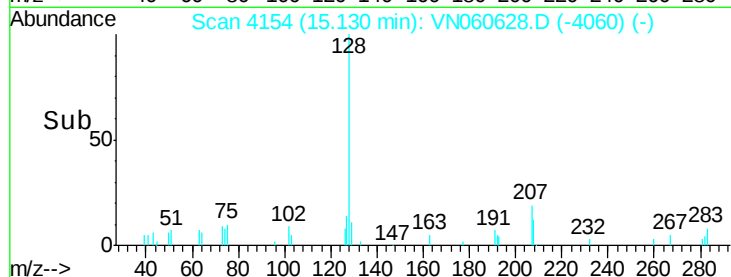
129 7.5 8.8 13.2#



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: 0.706 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

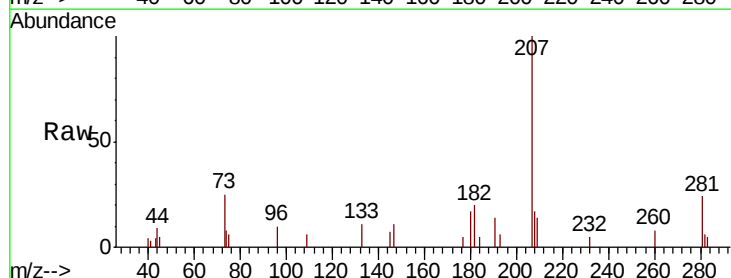
Tgt Ion:180 Resp: 1516

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.6

145 31.5 16.3 48.8



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

