

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067418.D
 Acq On : 27 Oct 2020 18:14
 Operator : VA/SY
 Sample : L4527-05
 Misc : 4.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Quant Time: Oct 28 00:47:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	183618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	319548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	153060	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	119853	65.15	ug/l	0.00
Spiked Amount			Recovery	=	130.30%	
35) Dibromofluoromethane	7.92	113	112650	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.34	98	395148	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	156592	58.52	ug/l	0.00
Spiked Amount			Recovery	=	117.04%	

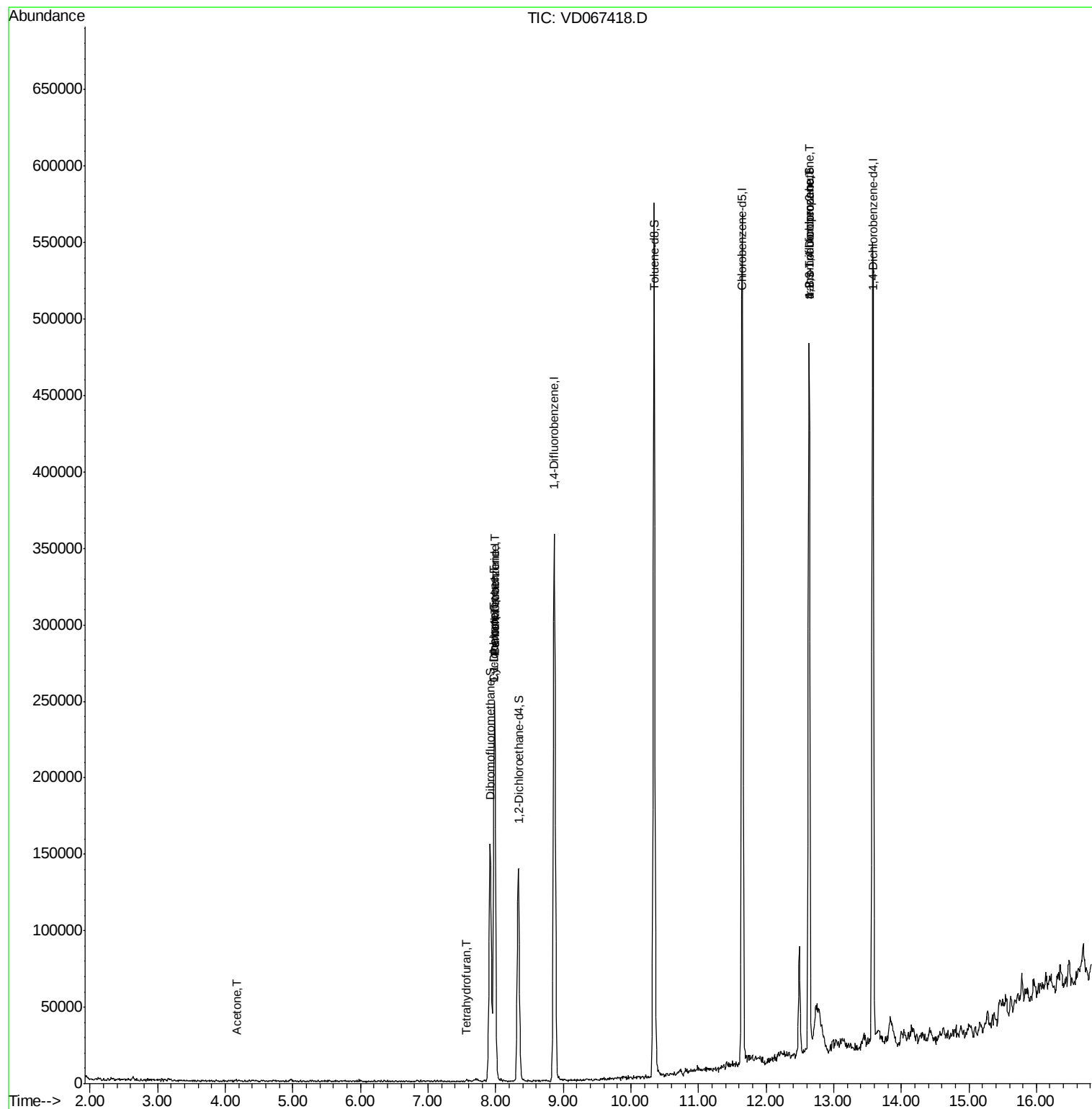
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	143	Below Cal	#	37
11) Tert butyl alcohol	5.26	59	63	Below Cal	#	81
16) Acetone	4.17	43	569	2.209	ug/l #	68
20) Methylene Chloride	4.97	84	696	Below Cal	#	16
29) Tetrahydrofuran	7.57	42	810	4.962	ug/l #	63
31) Cyclohexane	7.97	56	3718	1.755	ug/l #	39
36) 1,1-Dichloropropene	7.97	75	13099	4.836	ug/l #	49
38) Carbon Tetrachloride	7.98	117	19436	5.615	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	77785	73.323	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	77785	166.275	ug/l #	10

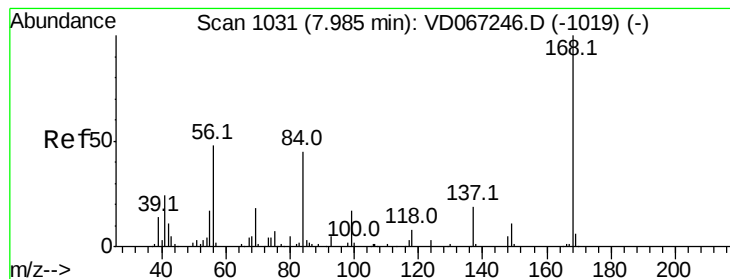
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102720\
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Quant Time: Oct 28 00:47:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

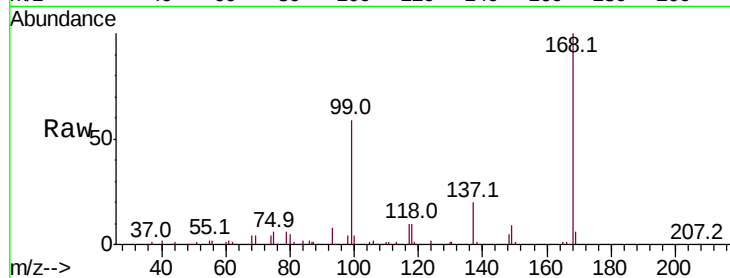
VNJ-232

Tot Ion:168 Resp: 183618

Ion Ratio Lower Upper

168 100

99 59.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

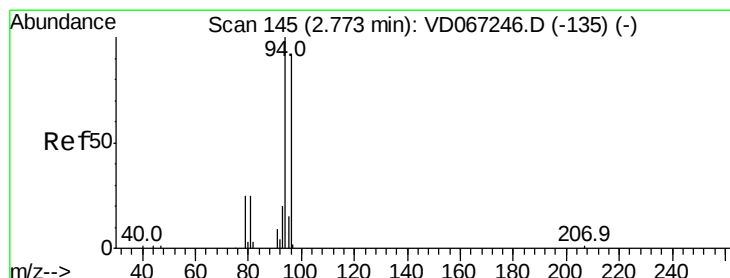
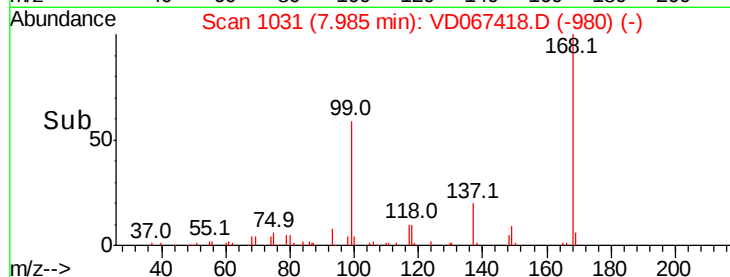
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067418.D

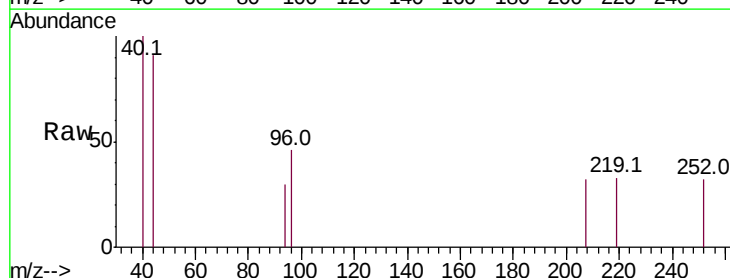
Acq: 27 Oct 2020 18:14

Tgt Ion: 94 Resp: 143

Ion Ratio Lower Upper

94 100

96 152.3 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

300

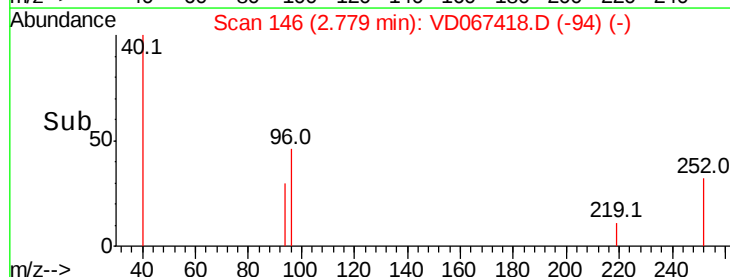
200

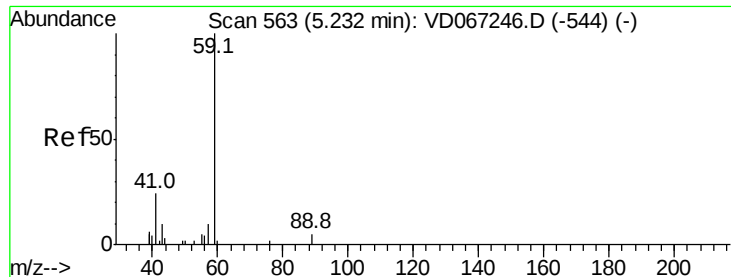
100

0

2.77 2.78 2.79 2.80

Time-->



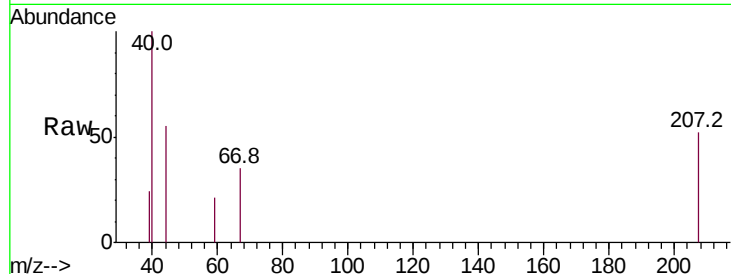


#11

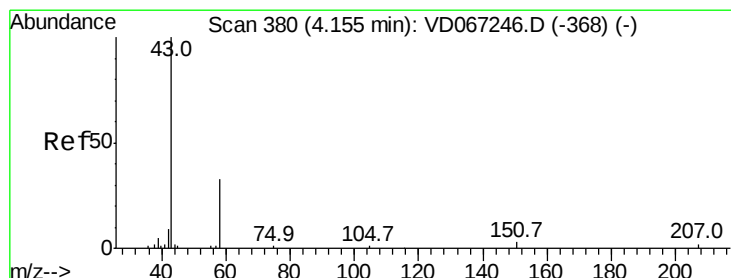
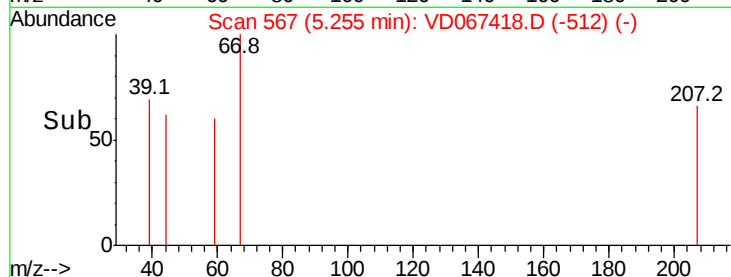
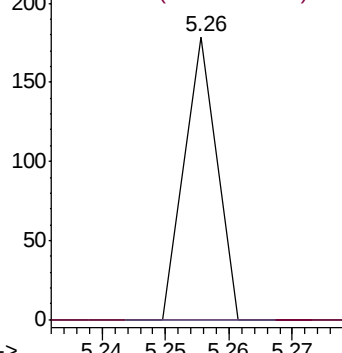
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.26 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: VD067418.D
 Acq: 27 Oct 2020 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Tot Ion: 59 Resp: 63
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.1 7.7#



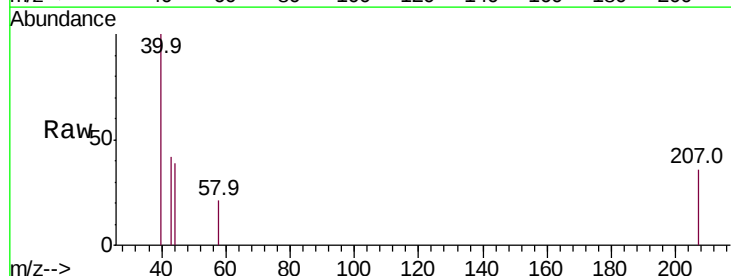
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



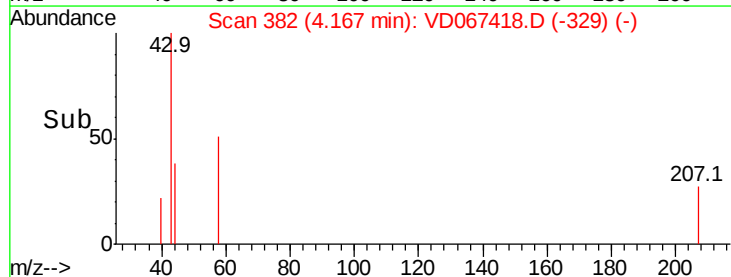
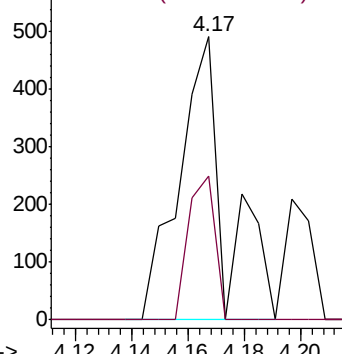
#16

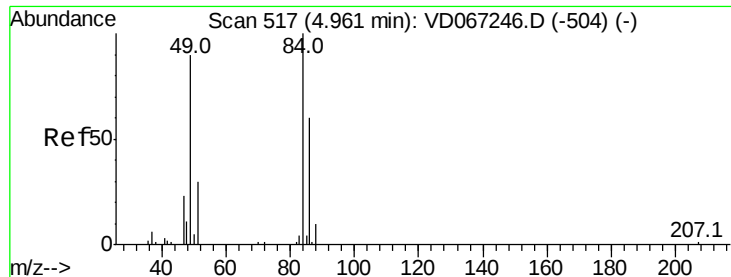
Acetone
 Concen: 2.209 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD067418.D
 Acq: 27 Oct 2020 18:14

Tgt Ion: 43 Resp: 569
 Ion Ratio Lower Upper
 43 100
 58 50.8 26.1 39.1#



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

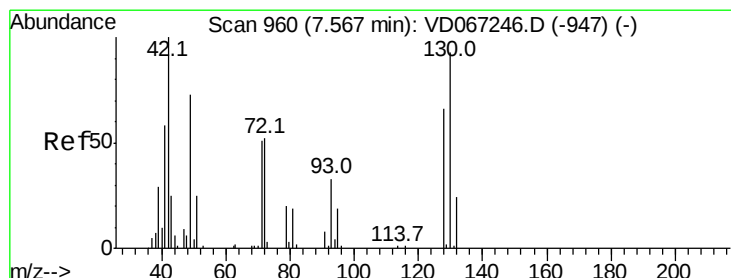
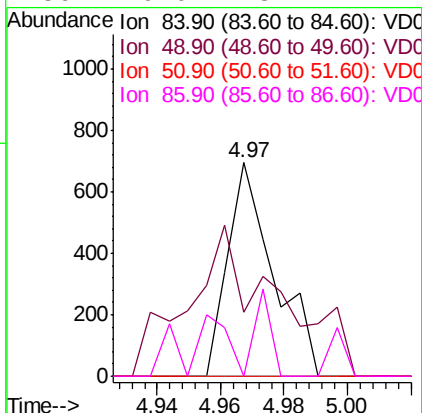
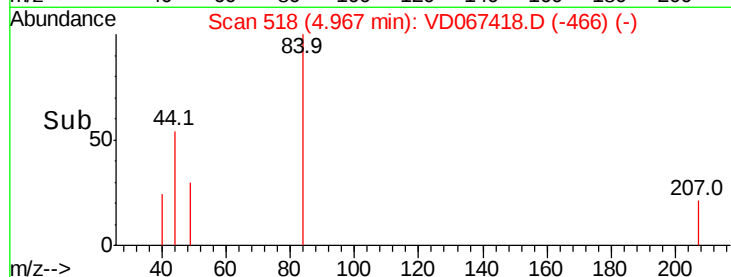
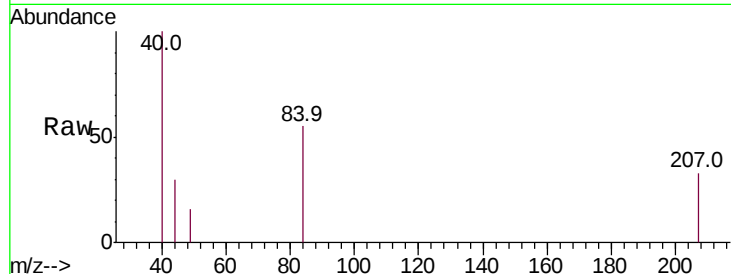




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

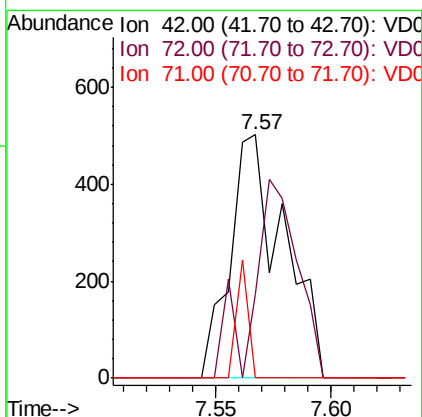
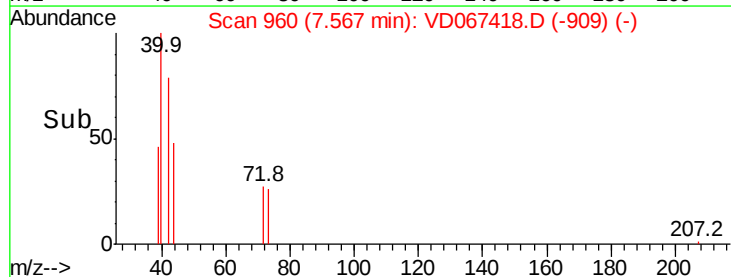
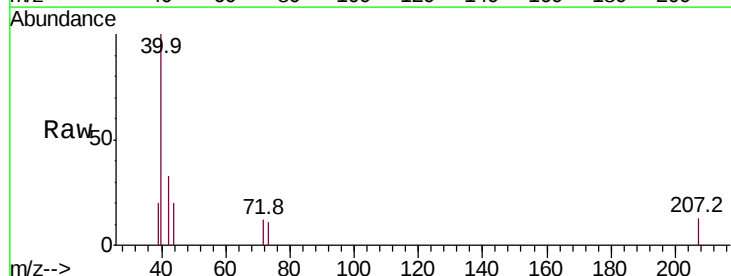
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

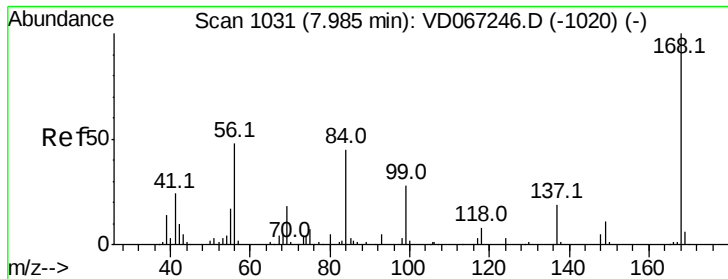
Tot Ion: 84 Resp: 696
Ion Ratio Lower Upper
84 100
49 0.0 72.2 108.2#
51 0.0 23.8 35.8#
86 0.0 48.2 72.4#



#29
Tetrahydrofuran
Concen: 4.962 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

Tgt Ion: 42 Resp: 810
Ion Ratio Lower Upper
42 100
72 67.7 43.2 64.8#
71 10.6 39.4 59.0#

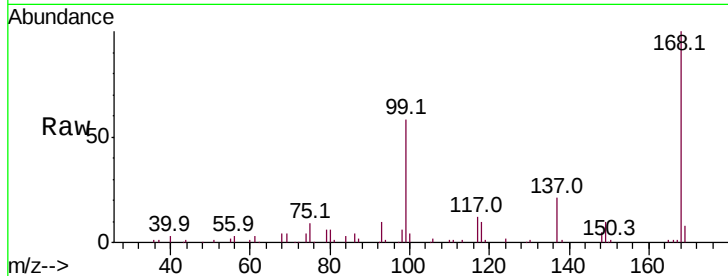




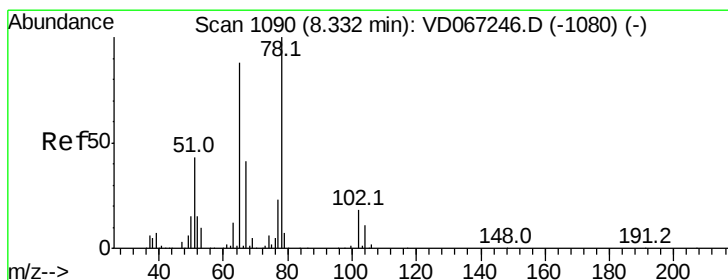
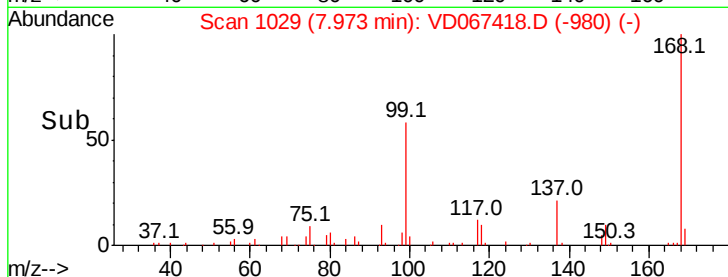
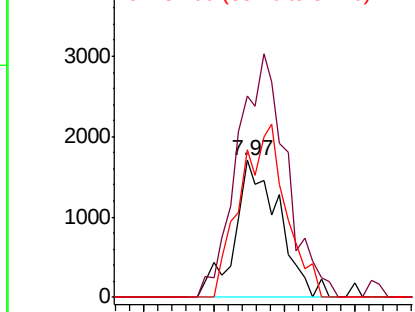
#31
Cyclohexane
Concen: 1.755 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

Instrument :
MSVOA_D
ClientSampled :
VNJ-232

Tot Ion: 56 Resp: 3718
Ion Ratio Lower Upper
56 100
69 147.1 29.8 44.6#
84 108.0 76.6 114.8

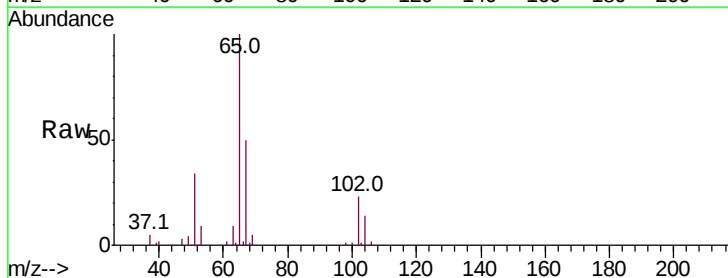


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

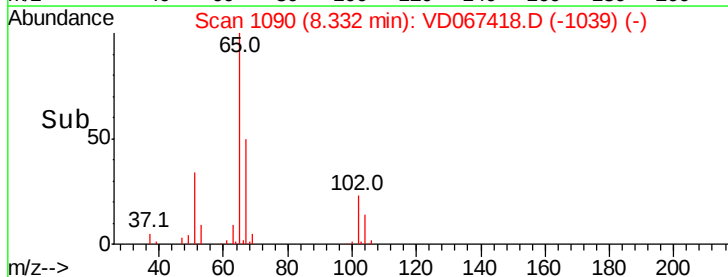
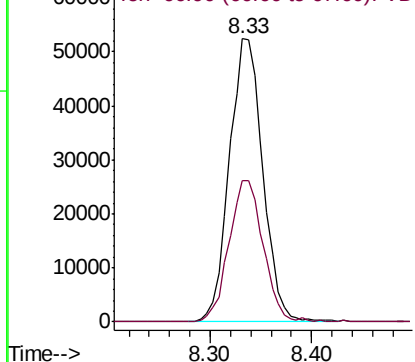


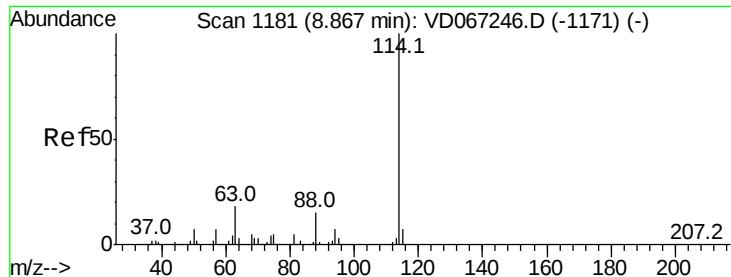
#33
1,2-Dichloroethane-d4
Concen: 65.152 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

Tgt Ion: 65 Resp: 119853
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

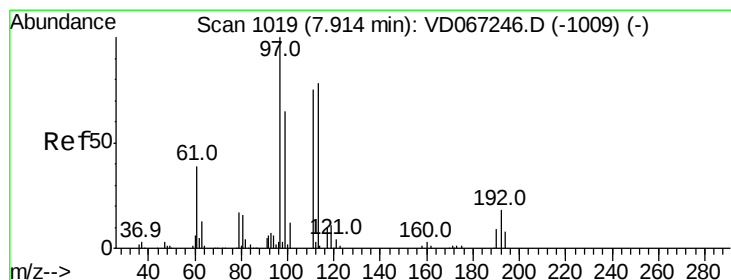
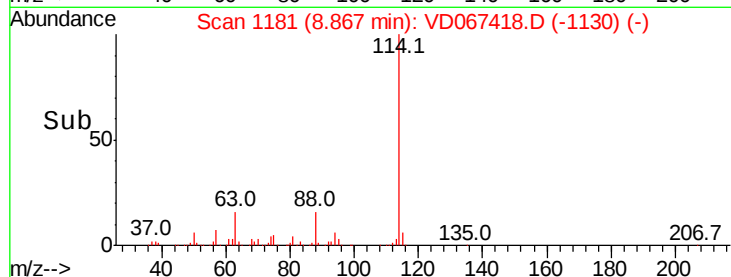
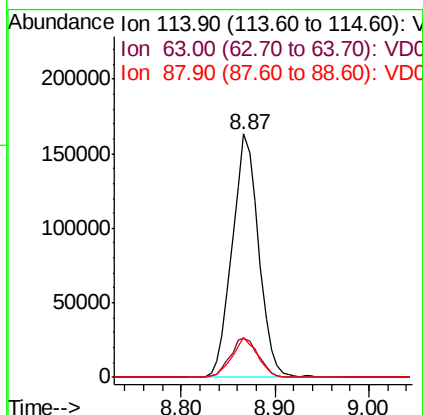
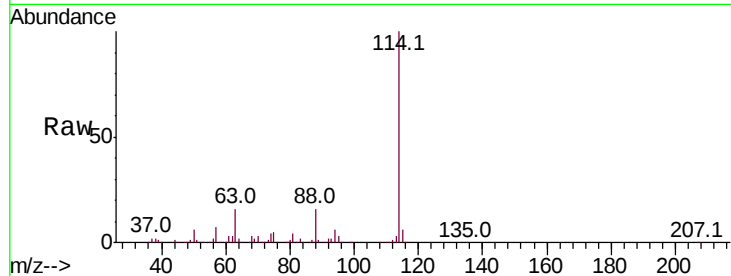




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067418.D
 Acq: 27 Oct 2020 18:14

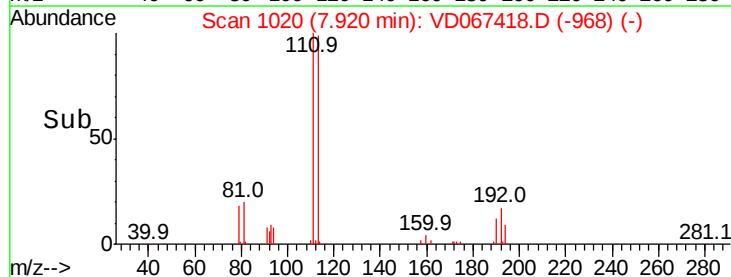
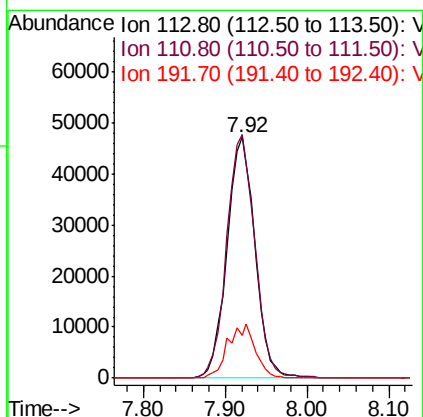
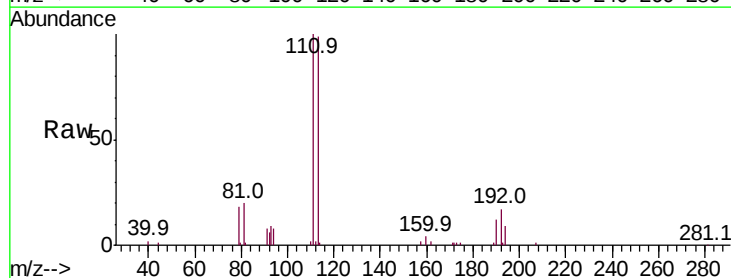
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

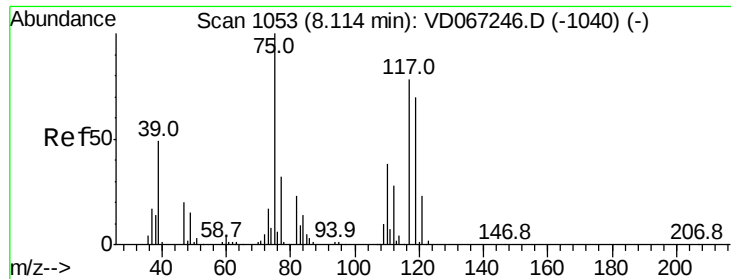
Tot Ion:114 Resp: 319548
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 35.0
 88 16.5 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 52.972 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067418.D
 Acq: 27 Oct 2020 18:14

Tgt Ion:113 Resp: 112650
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 21.8 17.0 25.4





#36

1,1-Dichloropropene

Concen: 4.836 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

VNJ-232

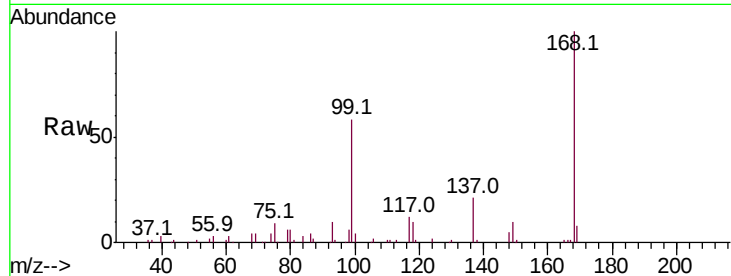
Tot Ion: 75 Resp: 13099

Ion Ratio Lower Upper

75 100

110 10.3 19.6 58.7#

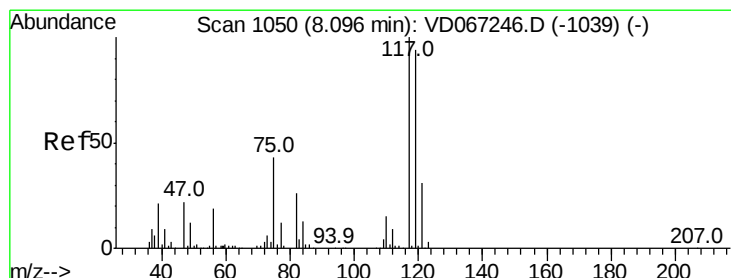
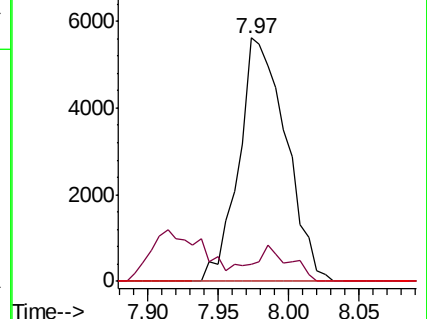
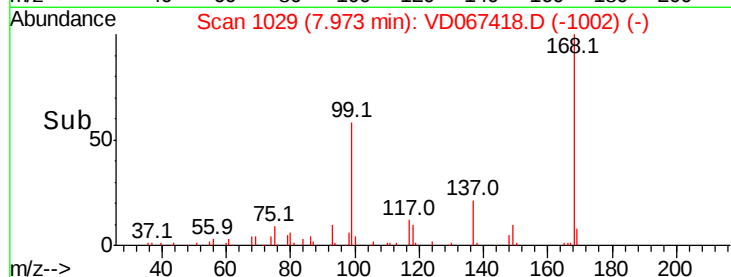
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VD067418.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD067418.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD067418.D (-1002) (-)



#38

Carbon Tetrachloride

Concen: 5.615 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

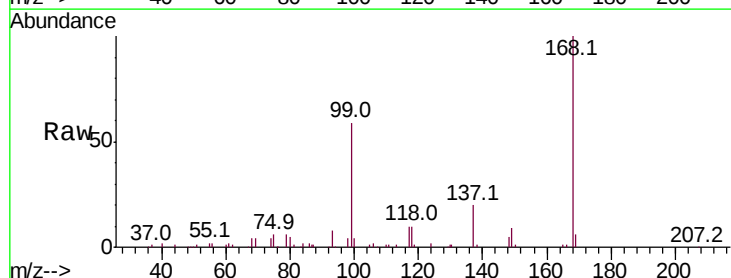
Tgt Ion: 117 Resp: 19436

Ion Ratio Lower Upper

117 100

119 6.5 75.0 112.4#

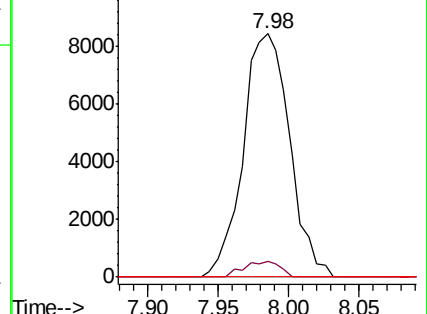
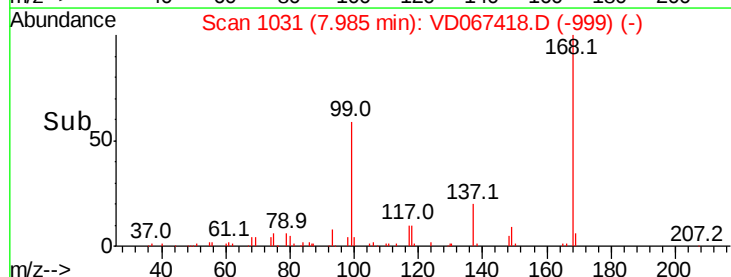
121 0.0 24.9 37.3#

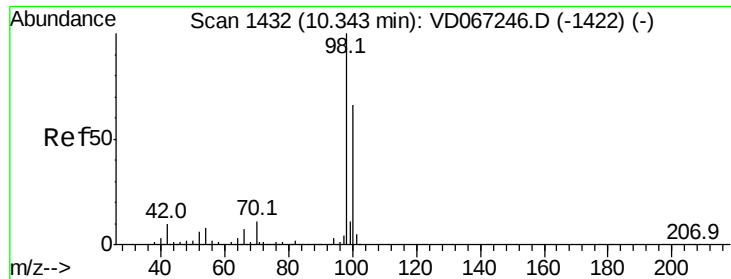


Abundance Ion 116.80 (116.50 to 117.50): VD067418.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD067418.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD067418.D (-999) (-)





#50

Toluene-d8

Concen: 51.345 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

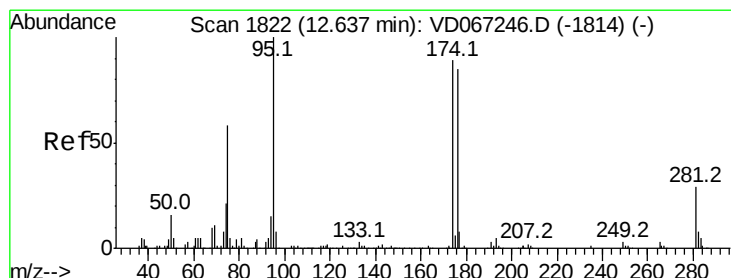
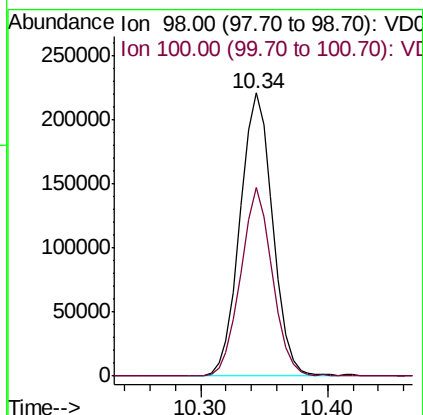
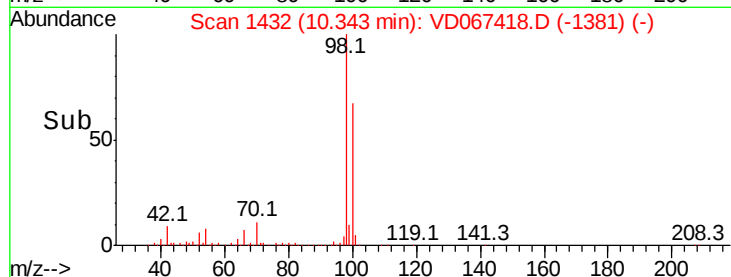
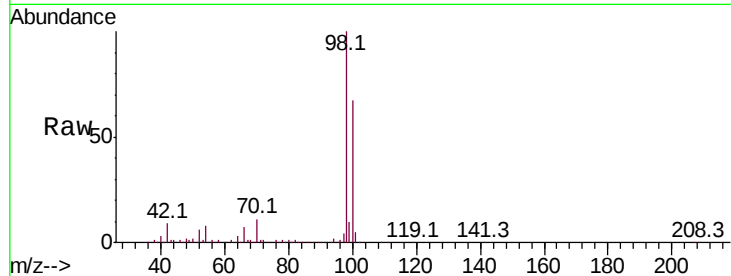
VNJ-232

Tot Ion: 98 Resp: 395148

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 58.516 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

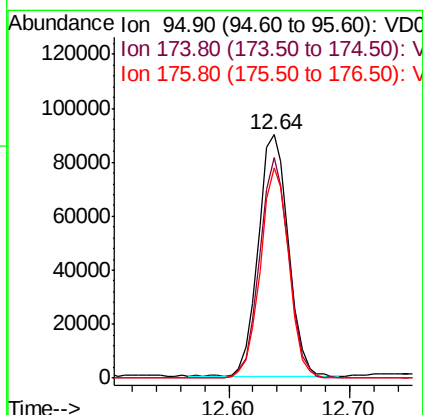
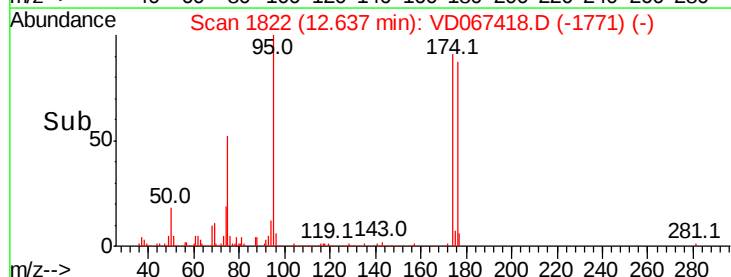
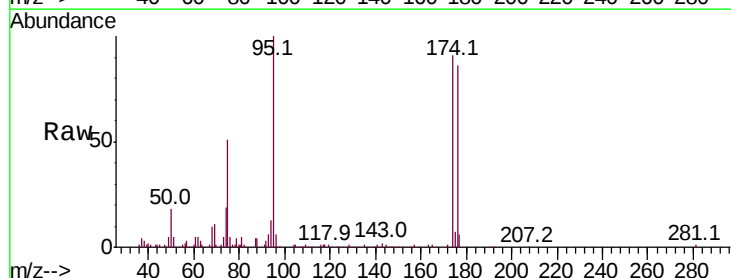
Tgt Ion: 95 Resp: 156592

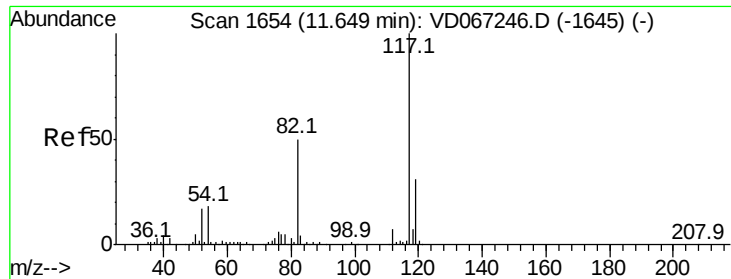
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.2

176 81.8 0.0 168.6

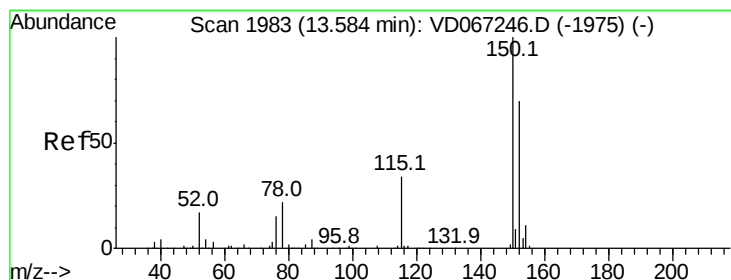
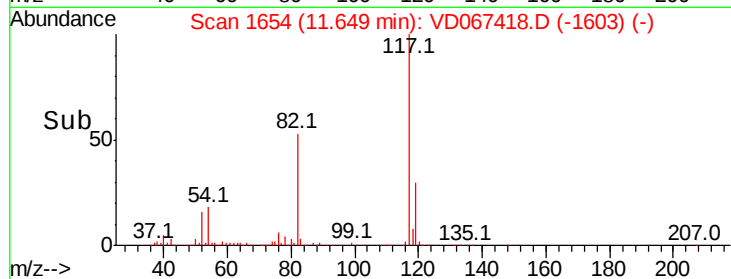
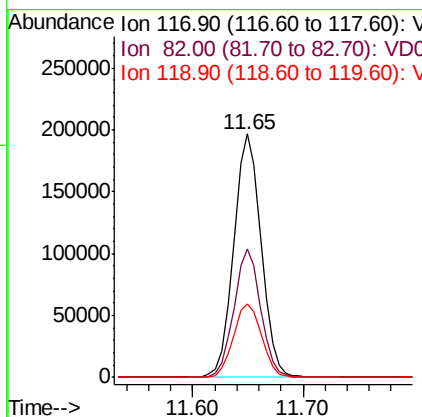
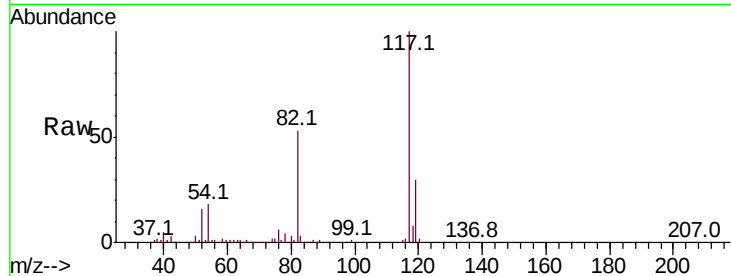




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

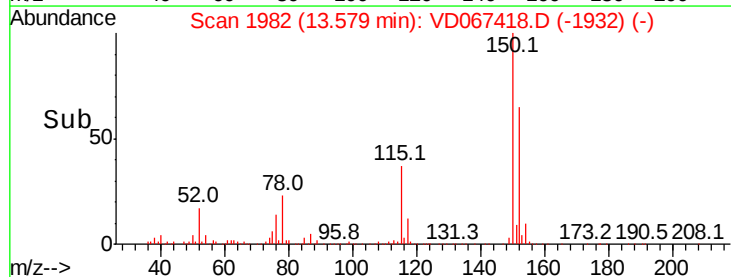
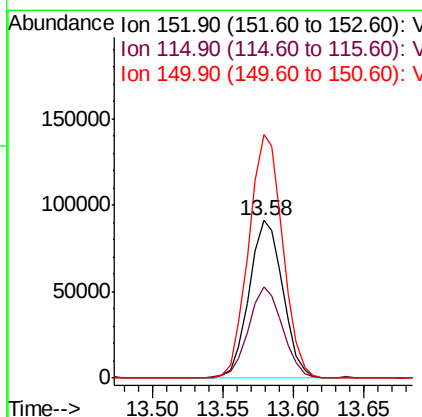
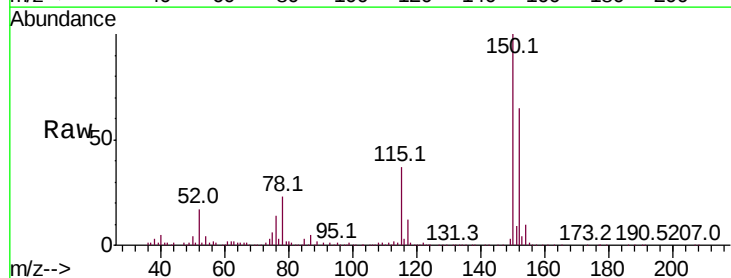
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

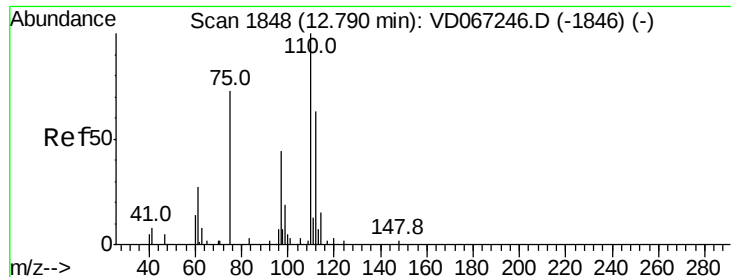
Tot Ion:117 Resp: 342442
Ion Ratio Lower Upper
117 100
82 52.5 39.9 59.9
119 30.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

Tgt Ion:152 Resp: 153060
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 155.7 0.0 339.0





#76

1,2,3-Trichloropropane

Concen: 73.323 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

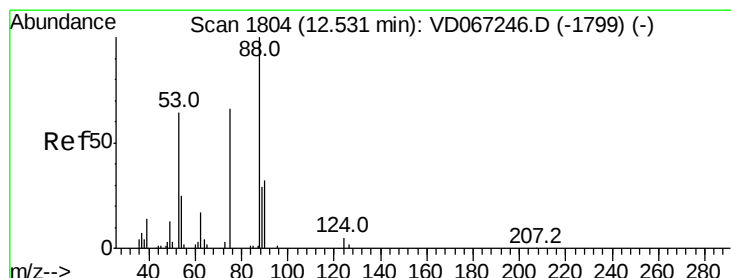
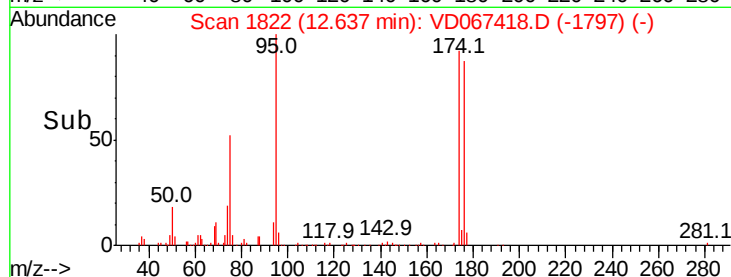
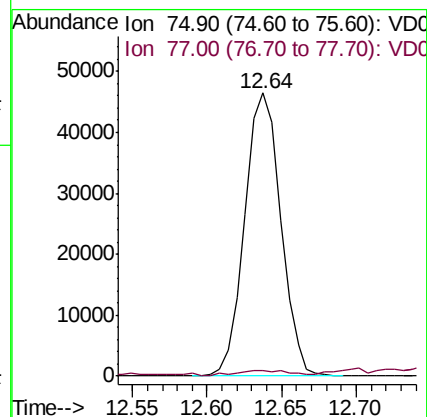
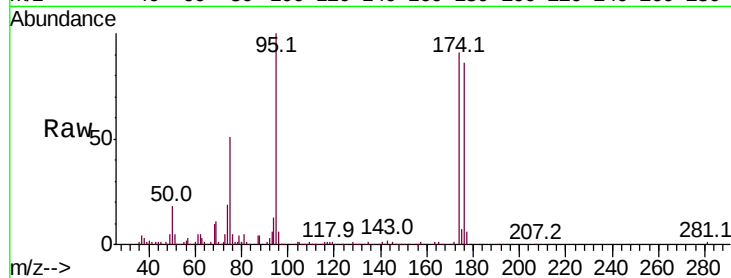
VNJ-232

Tot Ion: 75 Resp: 77785

Ion Ratio Lower Upper

75 100

77 3.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 166.275 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Tgt Ion: 75 Resp: 77785

Ion Ratio Lower Upper

75 100

53 0.8 78.5 117.7#

89 0.0 39.9 59.9#

