

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067419.D
 Acq On : 27 Oct 2020 18:41
 Operator : VA/SY
 Sample : L4526-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225

Quant Time: Oct 28 00:47:13 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	361187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	595219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	603073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	190758	52.72	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.92	113	195444	49.34	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.34	98	711334	49.62	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.64	95	270291	54.22	ug/l	0.00
Spiked Amount						

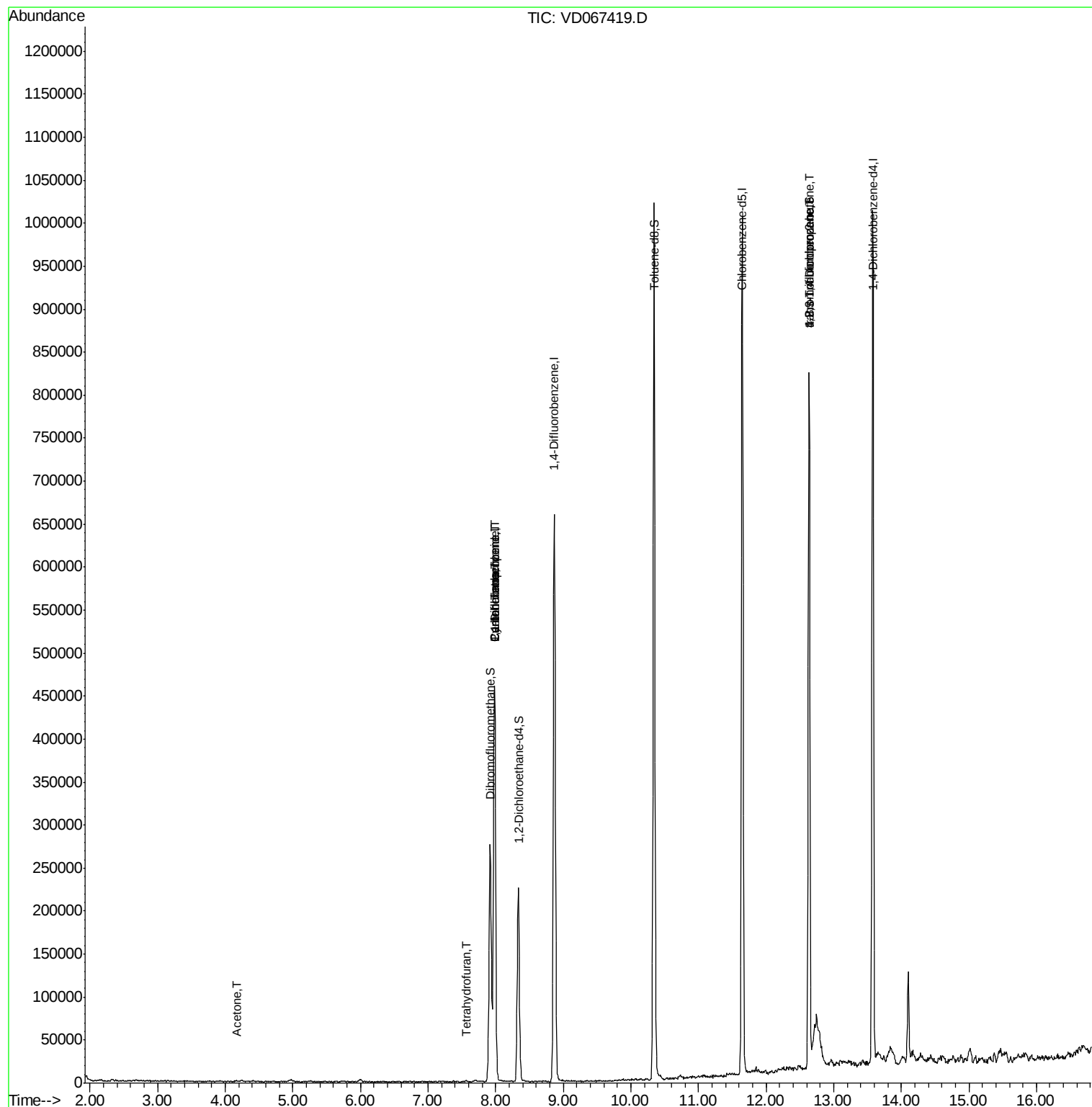
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	55	Below Cal	#	44
5) Bromomethane	2.51	94	82	Below Cal		83
16) Acetone	4.17	43	937	1.849	ug/l	100
20) Methylene Chloride	4.98	84	2674	Below Cal	#	67
29) Tetrahydrofuran	7.57	42	947	2.949	ug/l	# 63
31) Cyclohexane	7.99	56	6834	1.640	ug/l	# 35
36) 1,1-Dichloropropene	7.98	75	24600	4.876	ug/l	# 49
38) Carbon Tetrachloride	7.98	117	36676	5.688	ug/l	# 17
76) 1,2,3-Trichloropropane	12.64	75	133636	67.815	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	133636	153.785	ug/l	# 10

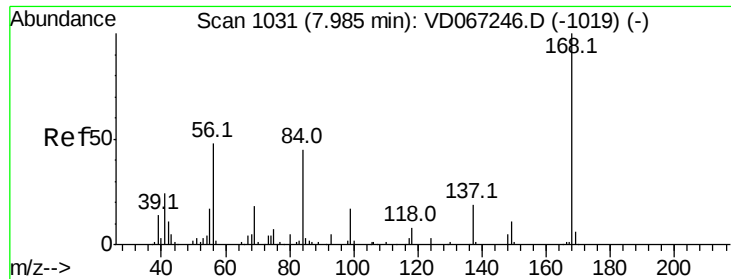
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102720\
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Quant Time: Oct 28 00:47:13 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: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

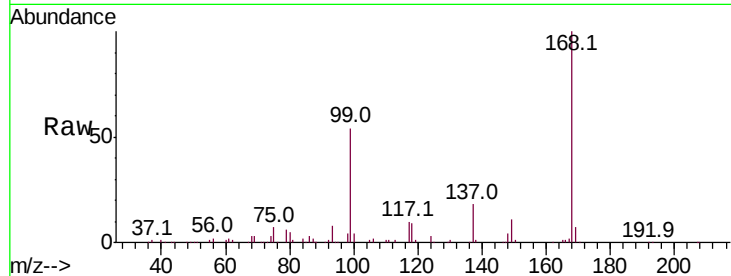
VNJ-225

Tot Ion:168 Resp: 361187

Ion Ratio Lower Upper

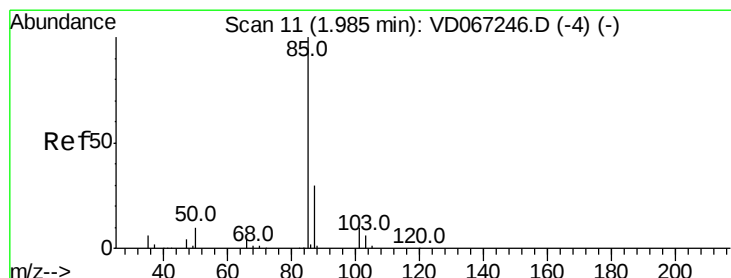
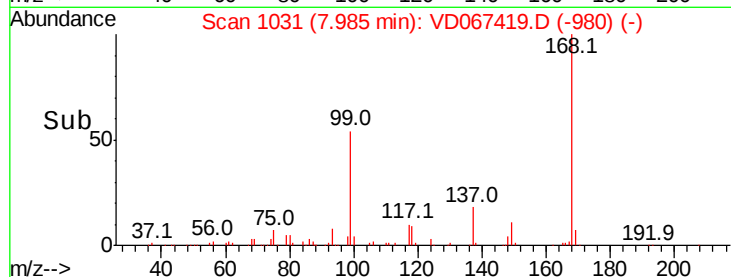
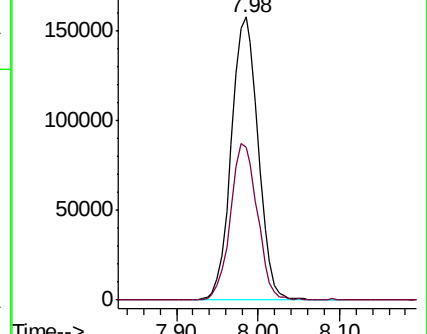
168 100

99 53.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067419.D

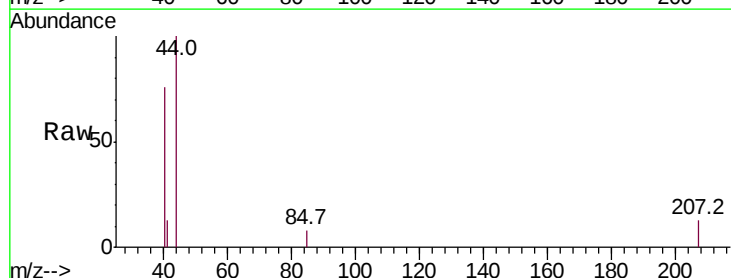
Acq: 27 Oct 2020 18:41

Tgt Ion: 85 Resp: 55

Ion Ratio Lower Upper

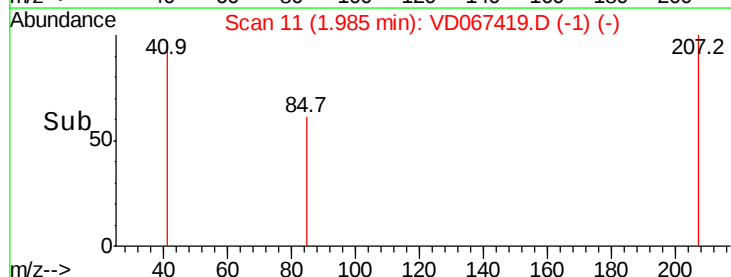
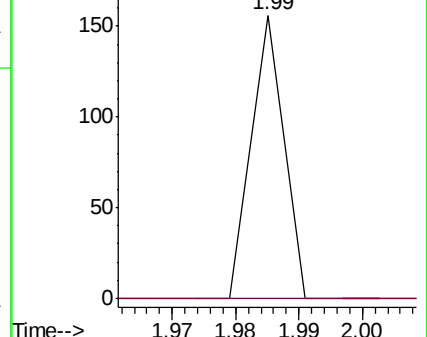
85 100

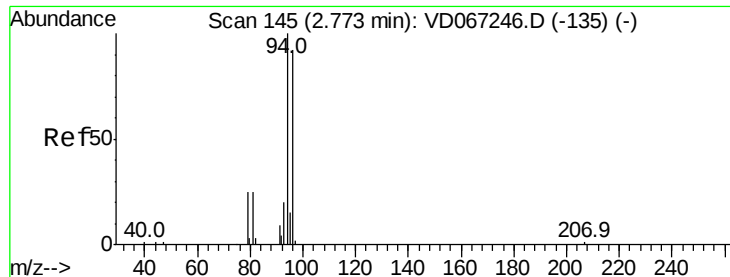
87 0.0 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 101

Delta R.T. -0.26 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

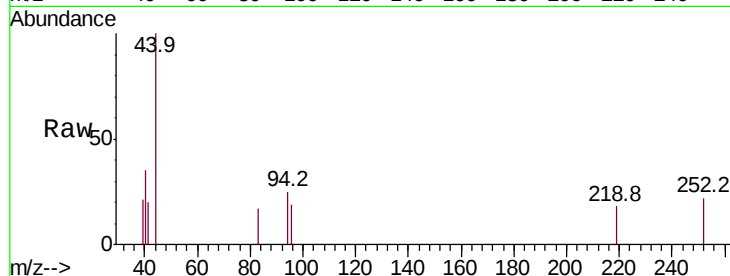
VNJ-225

Tot Ion: 94 Resp: 82

Ion Ratio Lower Upper

94 100

96 76.3 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

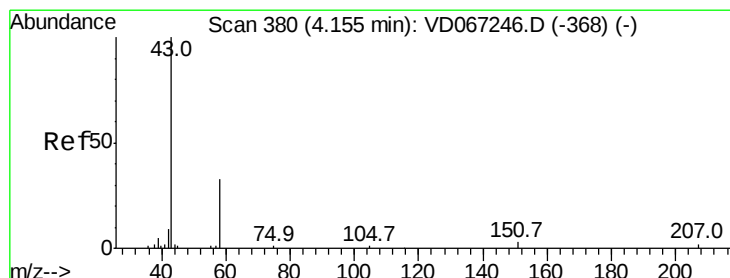
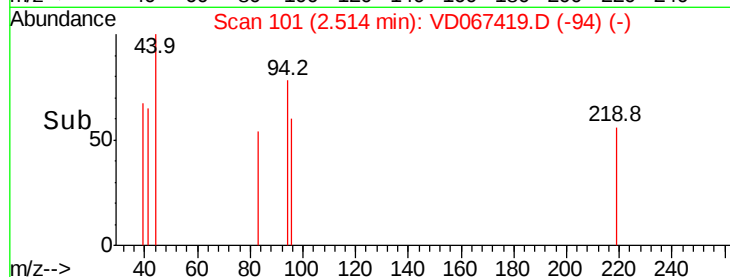
Ion 95.90 (95.60 to 96.60): VDC

2.51

2.52

2.53

Time-->



#16

Acetone

Concen: 1.849 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067419.D

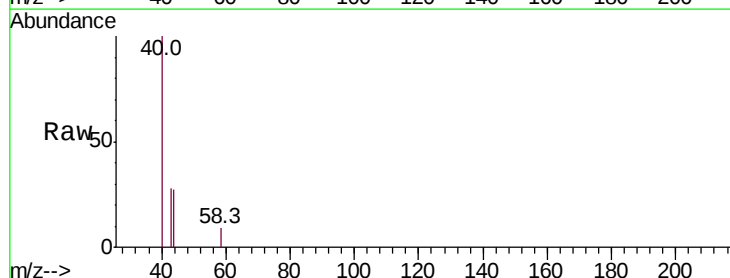
Acq: 27 Oct 2020 18:41

Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

58 32.6 26.1 39.1



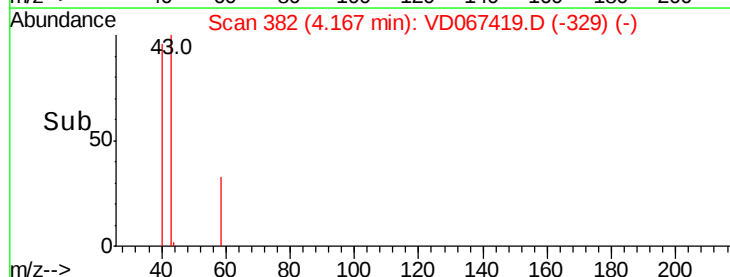
Abundance Ion 43.00 (42.70 to 43.70): VDC

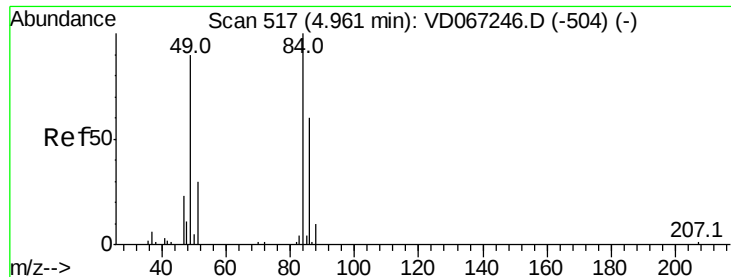
Ion 58.00 (57.70 to 58.70): VDC

4.17

4.18

Time-->

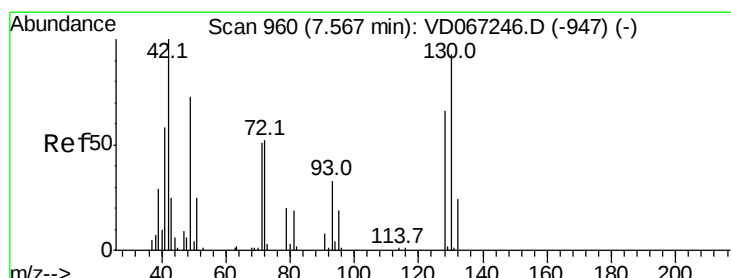
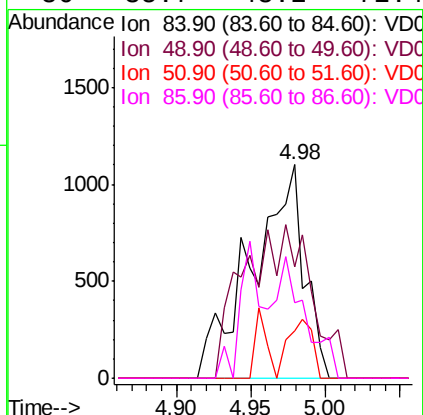
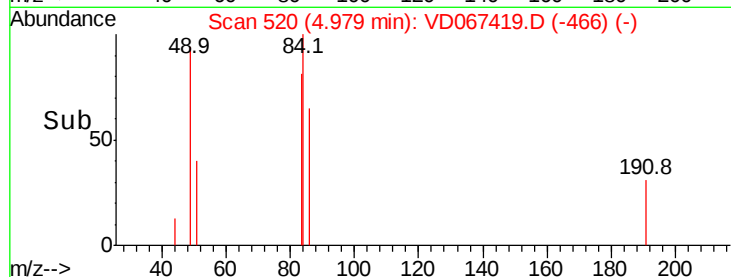
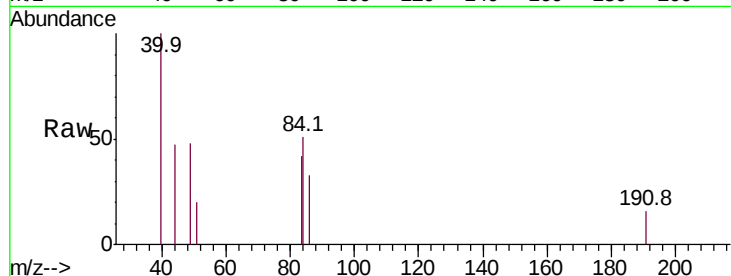




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

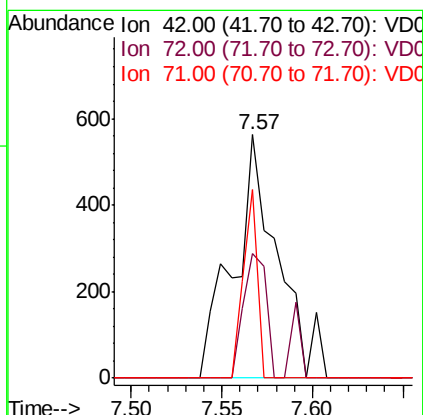
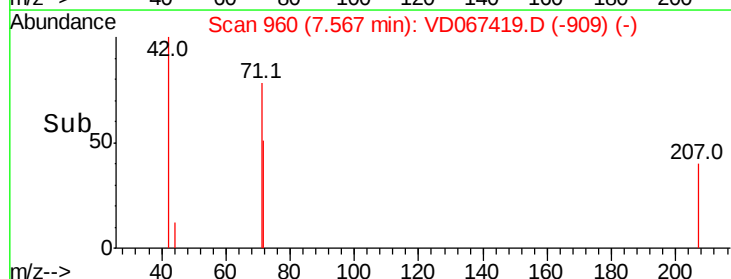
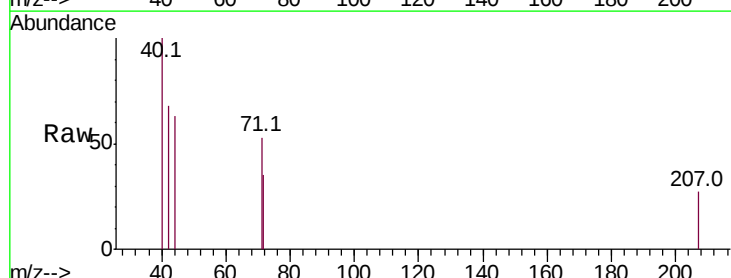
Instrument :
MSVOA_D
ClientSampleId :
VNJ-225

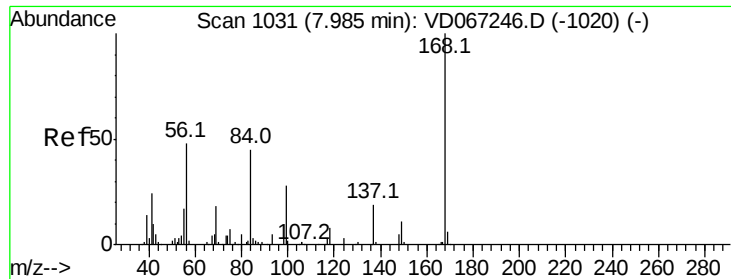
Tot Ion: 84 Resp: 2674
Ion Ratio Lower Upper
84 100
49 52.0 72.2 108.2#
51 22.1 23.8 35.8#
86 35.7 48.2 72.4#



#29
Tetrahydrofuran
Concen: 2.949 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

Tgt Ion: 42 Resp: 947
Ion Ratio Lower Upper
42 100
72 26.3 43.2 64.8#
71 24.6 39.4 59.0#

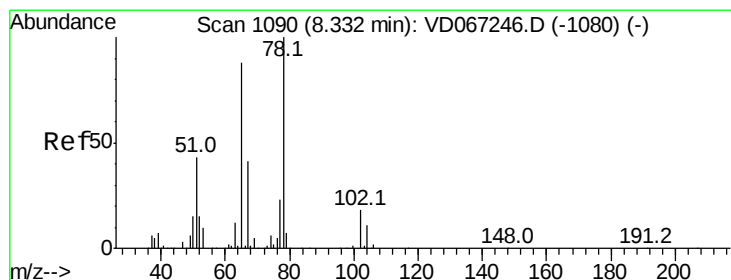
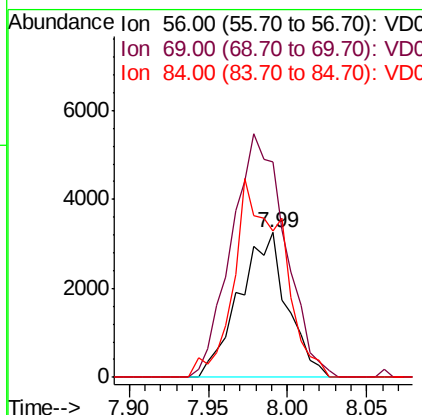
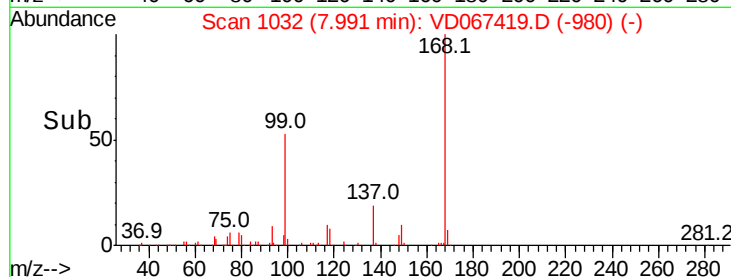
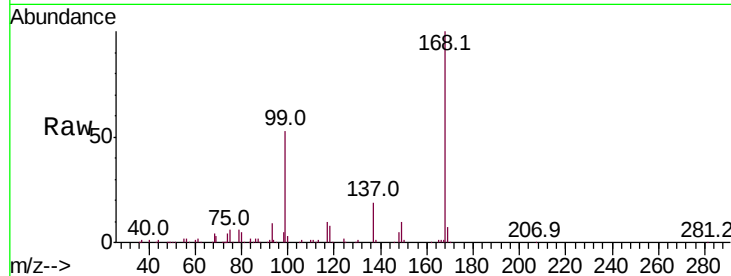




#31
Cyclohexane
Concen: 1.640 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

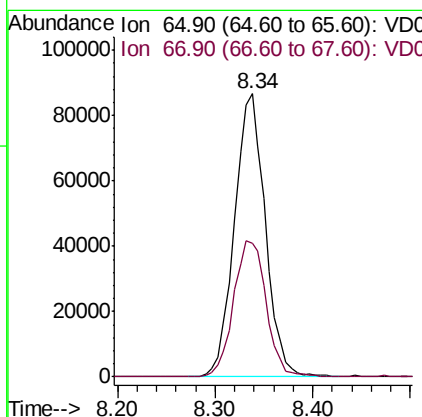
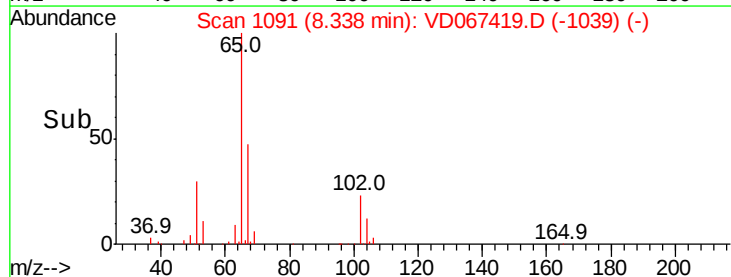
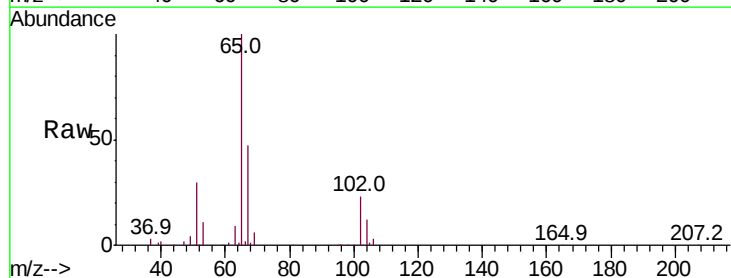
Instrument :
MSVOA_D
ClientSampleId :
VNJ-225

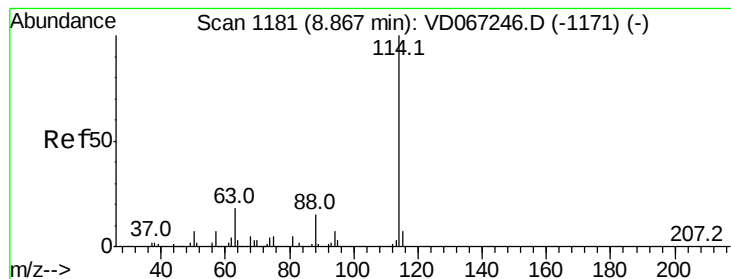
Tot Ion: 56 Resp: 6834
Ion Ratio Lower Upper
56 100
69 148.8 29.8 44.6#
84 112.6 76.6 114.8



#33
1,2-Dichloroethane-d4
Concen: 52.717 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

Tgt Ion: 65 Resp: 190758
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VNJ-225

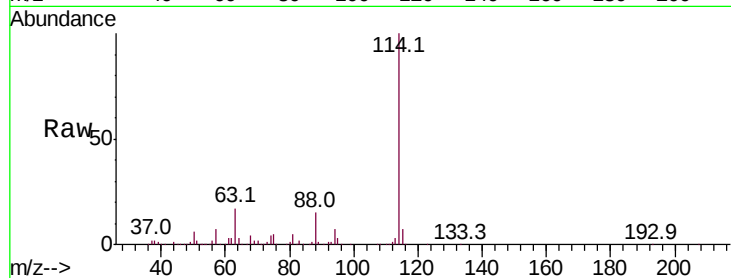
Tot Ion:114 Resp: 595219

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

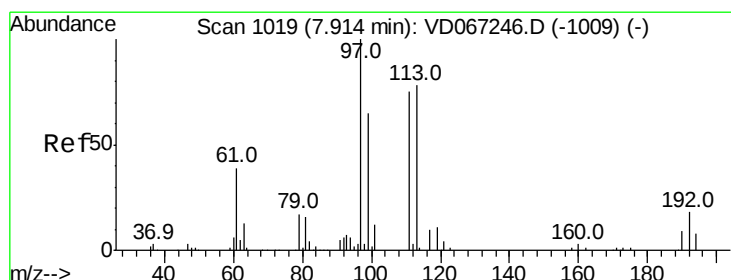
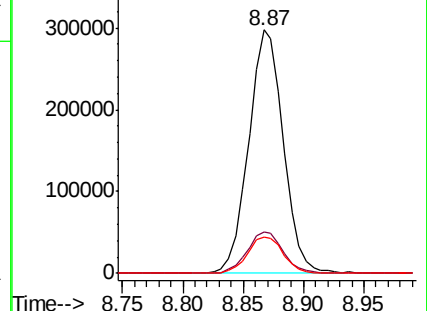
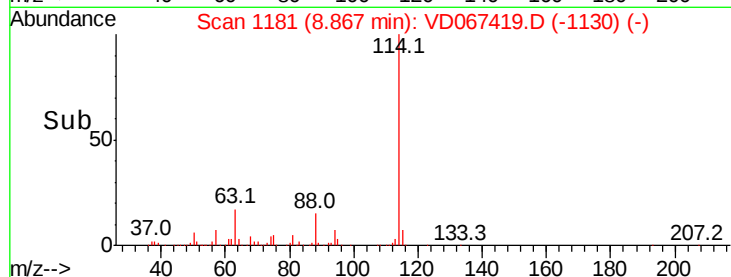
88 14.9 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.340 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

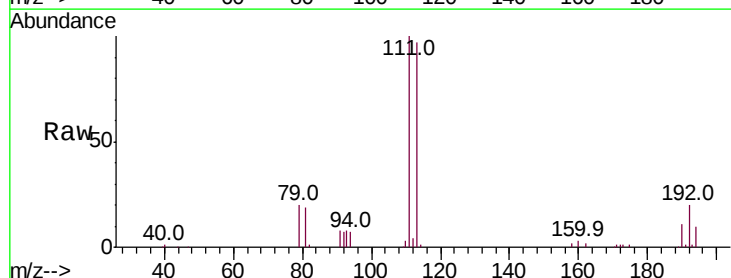
Tgt Ion:113 Resp: 195444

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

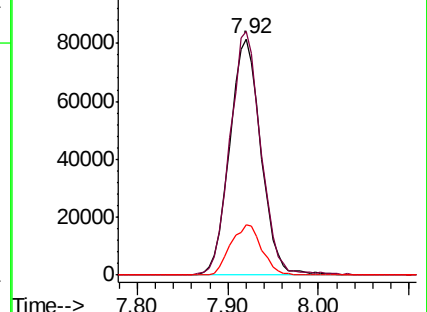
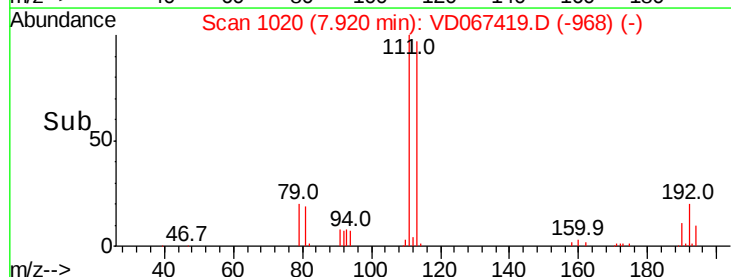
192 21.2 17.0 25.4

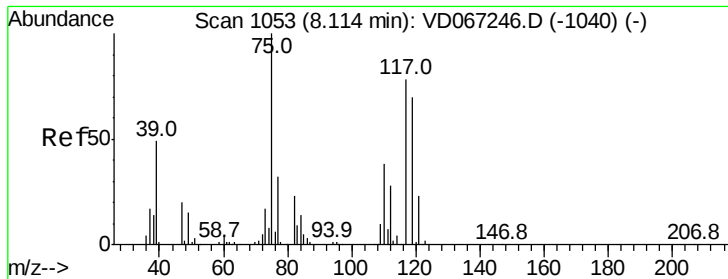


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

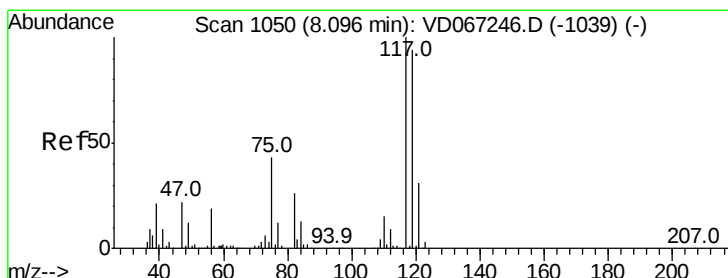
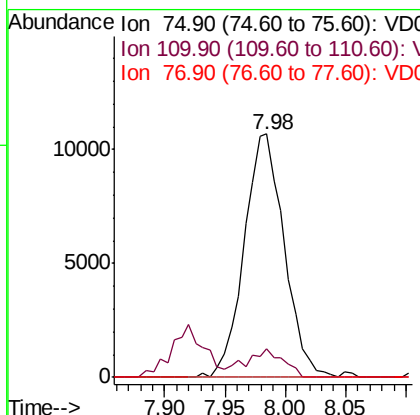
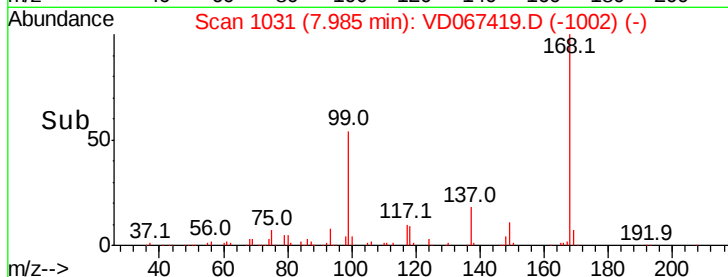
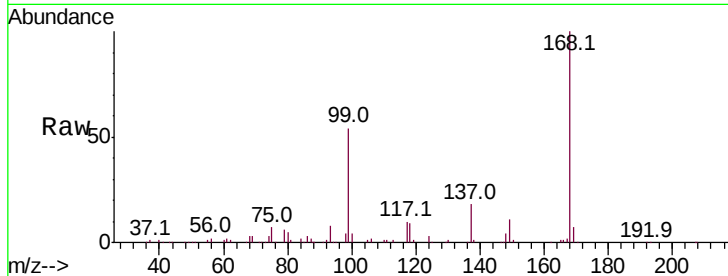




#36
 1,1-Dichloropropene
 Concen: 4.876 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067419.D
 Acq: 27 Oct 2020 18:41

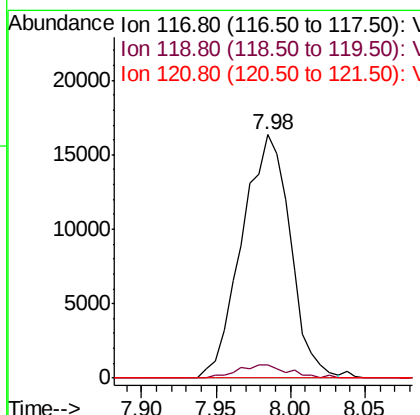
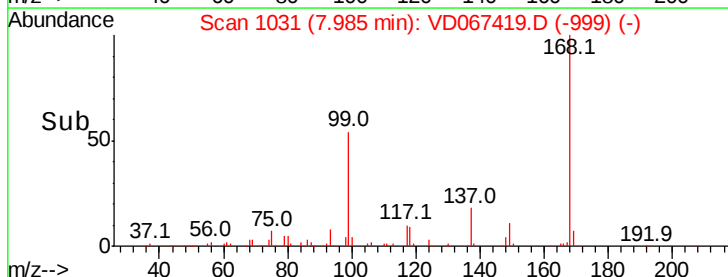
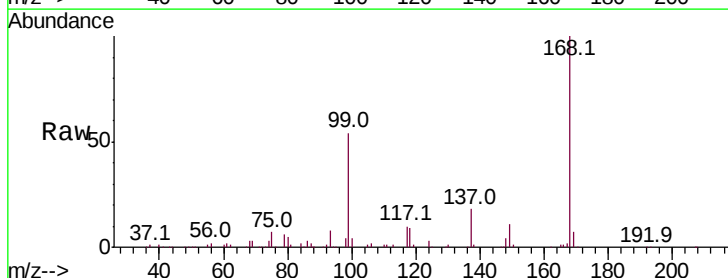
Instrument :
 MSVOA_D
 ClientSampleID :
 VNJ-225

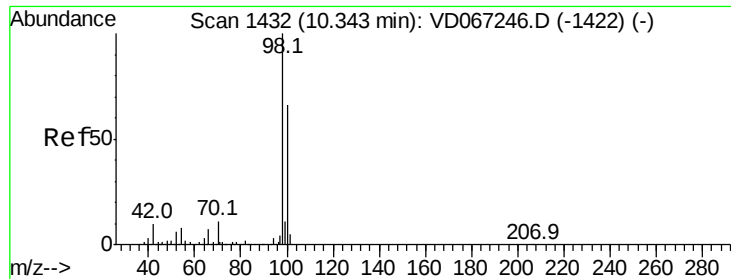
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.6	58.7#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.688 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD067419.D
 Acq: 27 Oct 2020 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 49.621 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

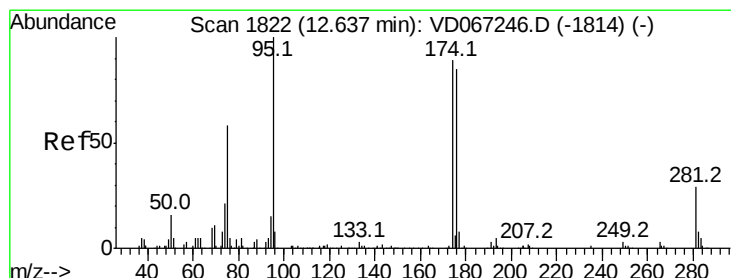
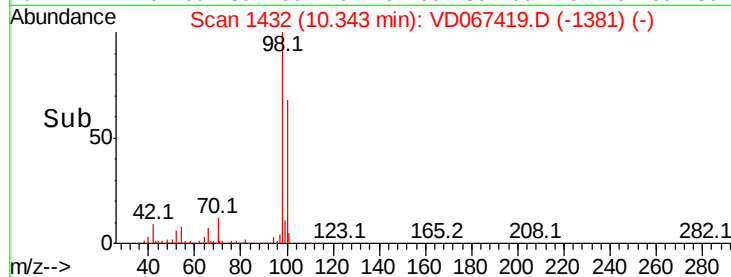
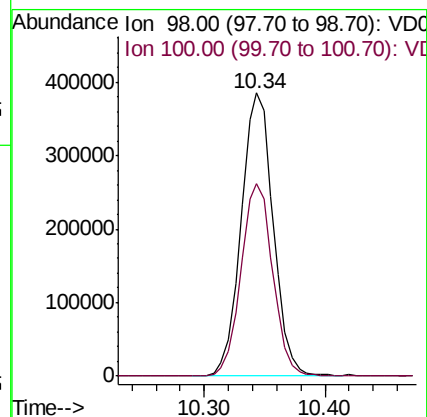
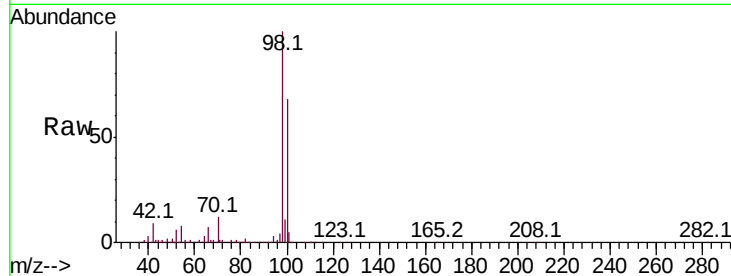
VNJ-225

Tot Ion: 98 Resp: 711334

Ion Ratio Lower Upper

98 100

100 67.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 54.225 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

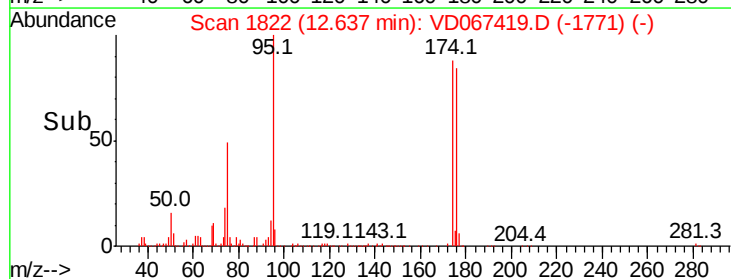
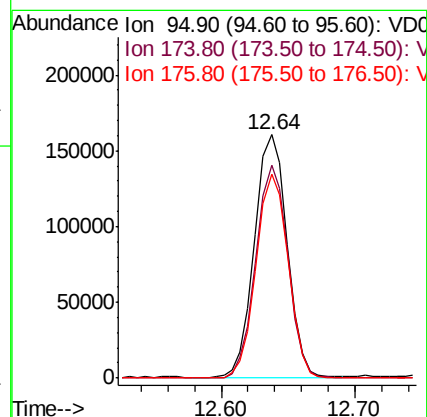
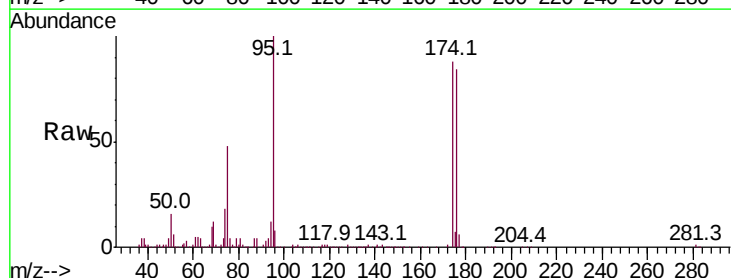
Tgt Ion: 95 Resp: 270291

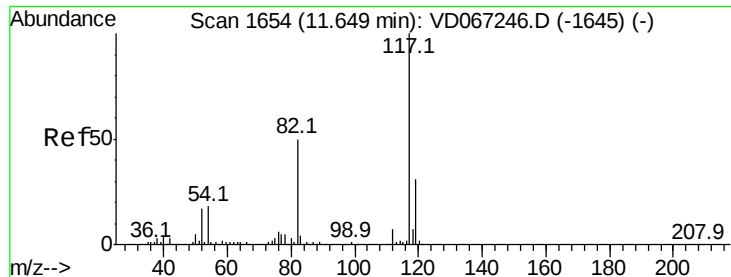
Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.2

176 82.4 0.0 168.6

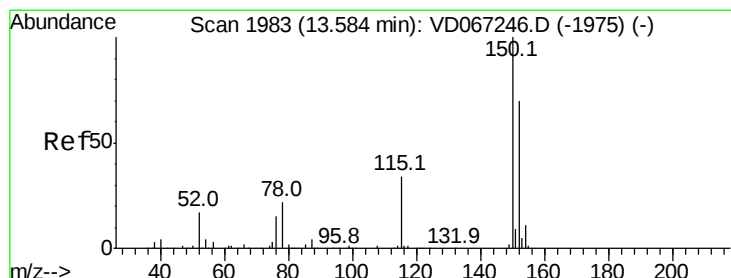
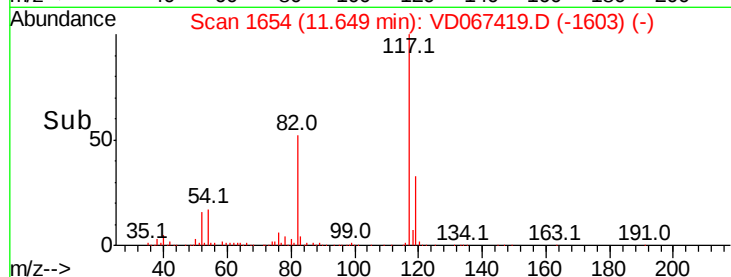
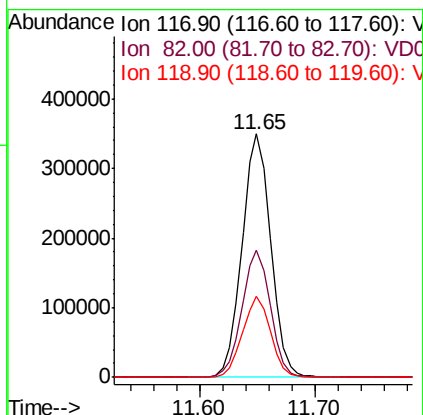
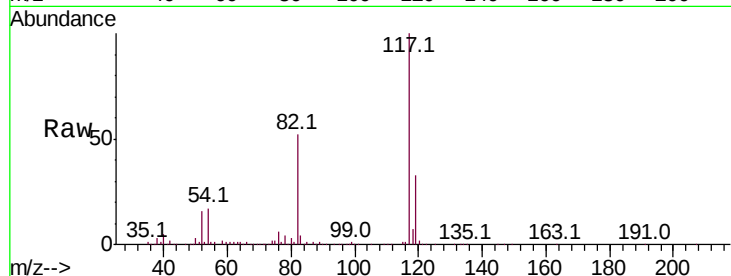




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

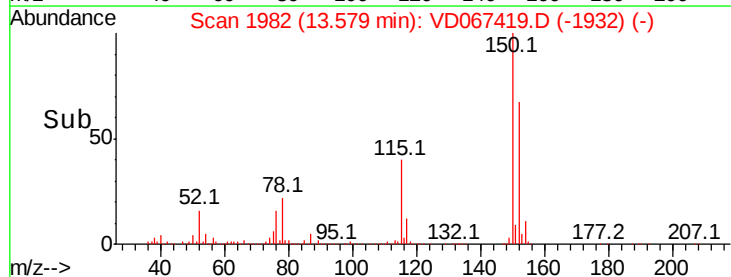
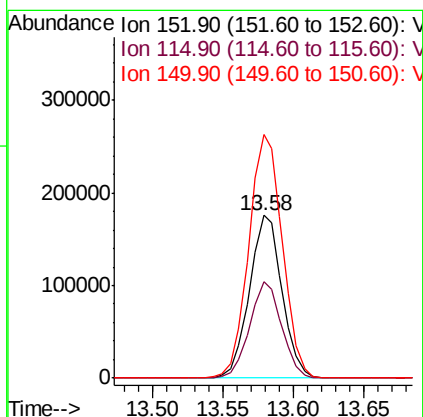
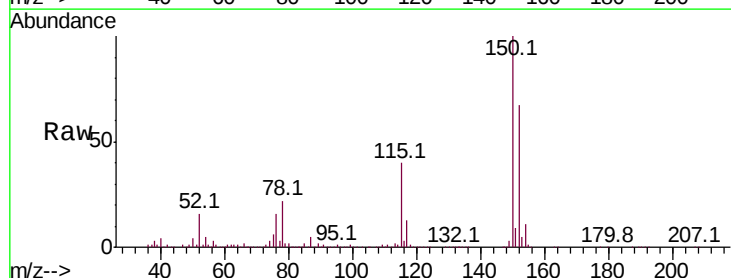
Instrument :
MSVOA_D
ClientSampleId :
VNJ-225

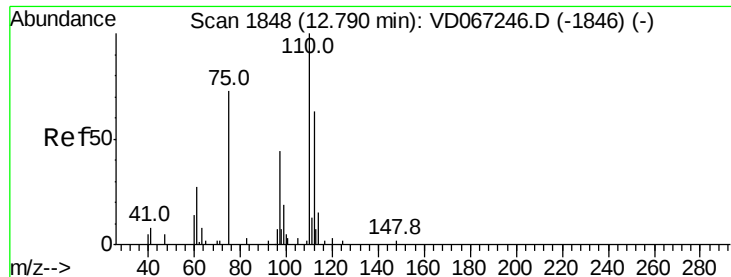
Tot Ion:117 Resp: 603073
Ion Ratio Lower Upper
117 100
82 52.5 39.9 59.9
119 33.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

Tgt Ion:152 Resp: 284318
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.9
150 154.3 0.0 339.0





#76

1,2,3-Trichloropropane

Concen: 67.815 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

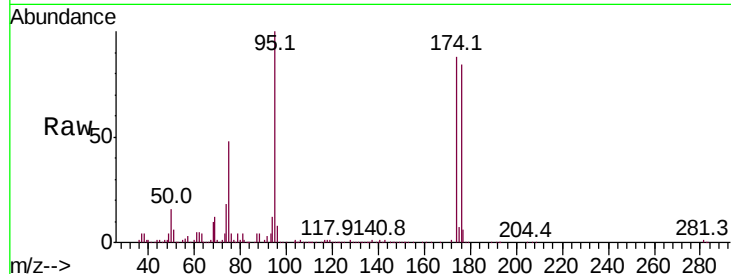
VNJ-225

Tot Ion: 75 Resp: 133636

Ion Ratio Lower Upper

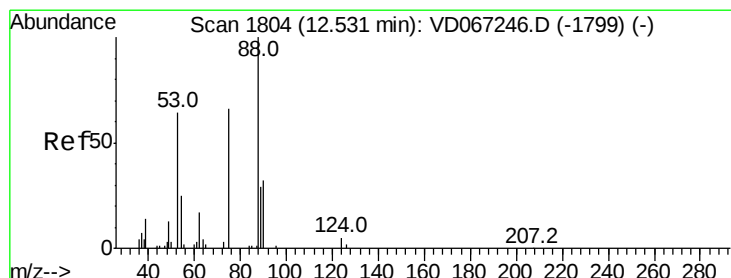
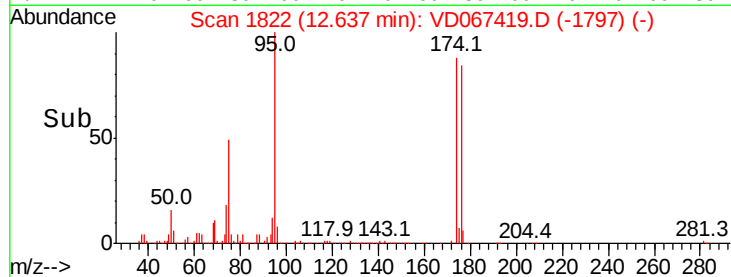
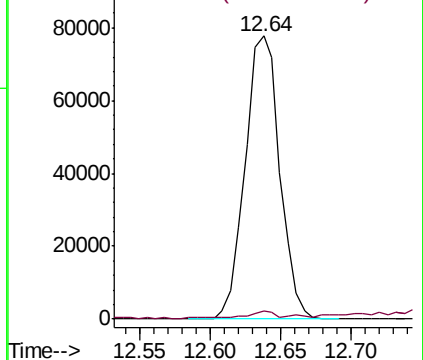
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 153.785 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

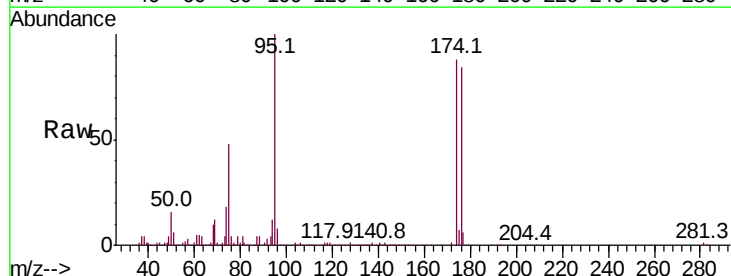
Tgt Ion: 75 Resp: 133636

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 39.9 59.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

