

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067539.D
 Acq On : 05 Nov 2020 16:13
 Operator : VA/SY
 Sample : L4653-01
 Misc : 6.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 06 00:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	453899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	459094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235339	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	147186	60.24	ug/l	0.00
Spiked Amount			Recovery	=	120.48%	
35) Dibromofluoromethane	7.91	113	149571	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
50) Toluene-d8	10.34	98	530486	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.64	95	202169	60.93	ug/l	0.00
Spiked Amount			Recovery	=	121.86%	

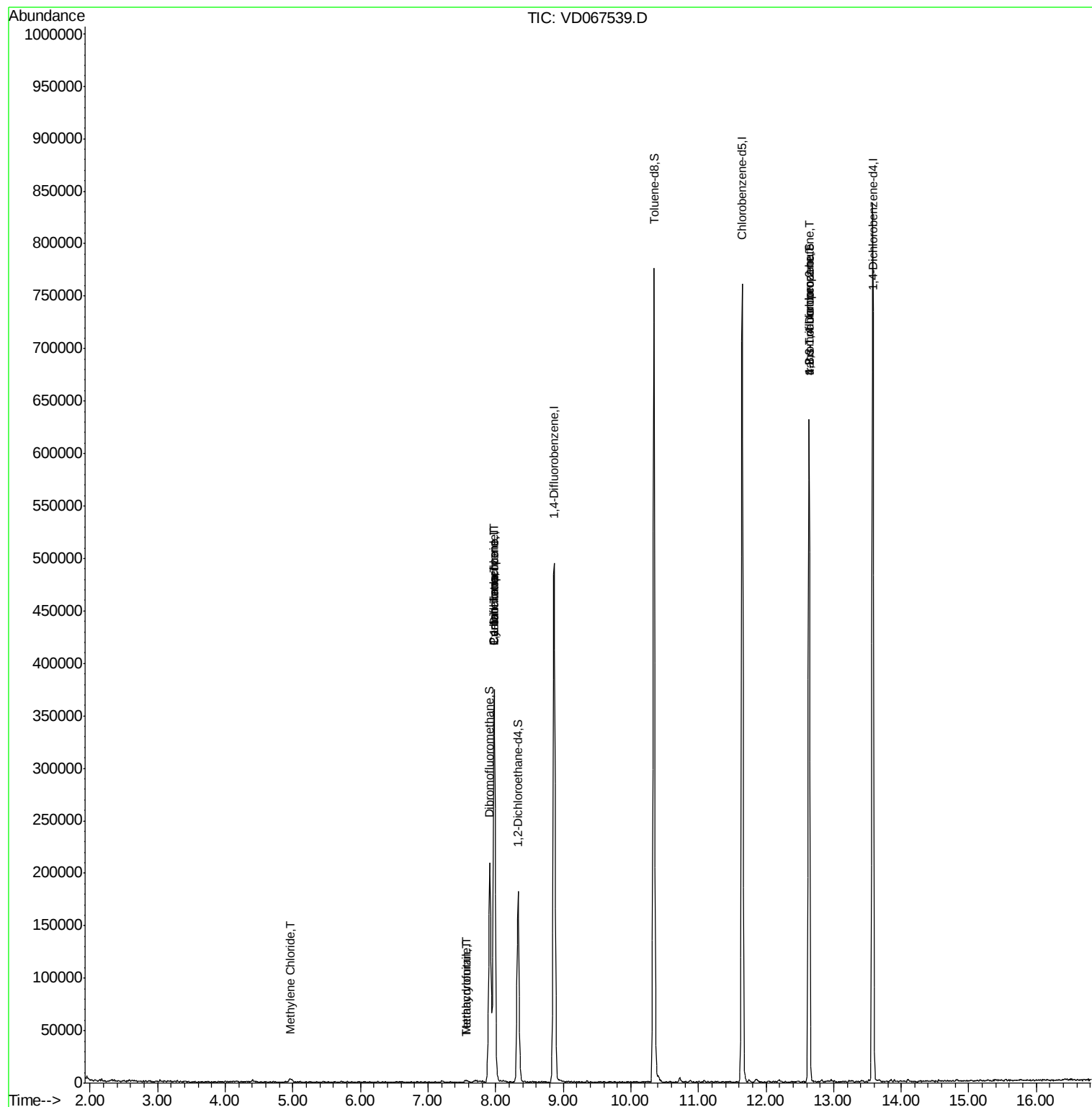
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	528	Below Cal	#	44
20) Methylene Chloride	4.97	84	2621	1.015	ug/l	90
29) Tetrahydrofuran	7.57	42	1216	5.196	ug/l #	59
31) Cyclohexane	7.98	56	5691	1.606	ug/l #	18
36) 1,1-Dichloropropene	7.98	75	19904	5.123	ug/l #	49
38) Carbon Tetrachloride	7.98	117	28271	5.600	ug/l #	17
41) Methacrylonitrile	7.56	41	641	1.063	ug/l #	30
76) 1,2,3-Trichloropropane	12.64	75	103427	72.851	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	103427	147.908	ug/l #	10

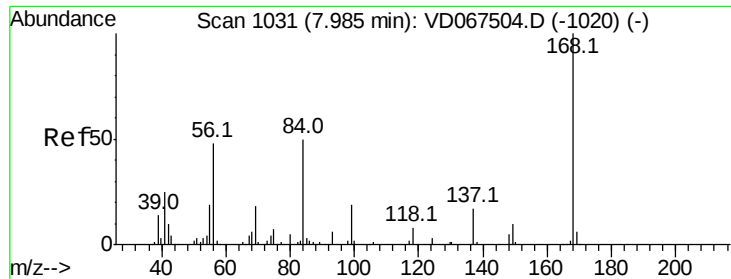
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110520\
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MSVOA_D
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Quant Time: Nov 06 00:15:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067539.D

Acq: 05 Nov 2020 16:13

Instrument :

MSVOA_D

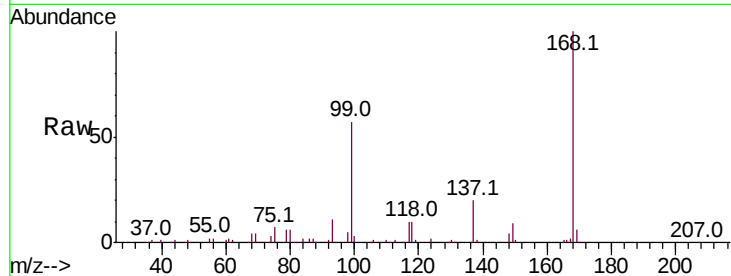
ClientSampleId :

Tot Ion:168 Resp: 279425

Ion Ratio Lower Upper

168 100

99 56.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

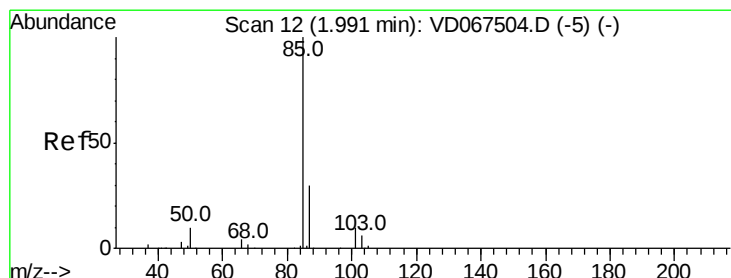
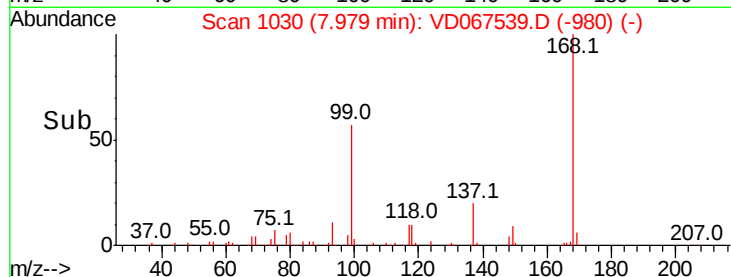
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD067539.D

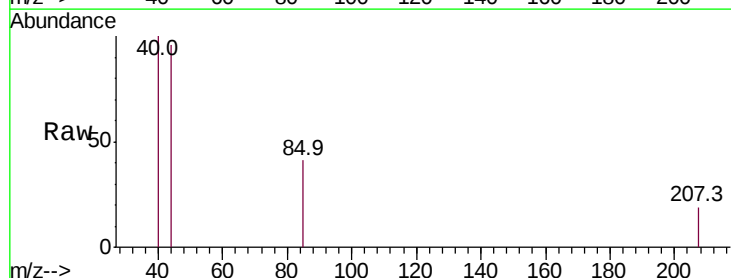
Acq: 05 Nov 2020 16:13

Tgt Ion: 85 Resp: 528

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.00

400

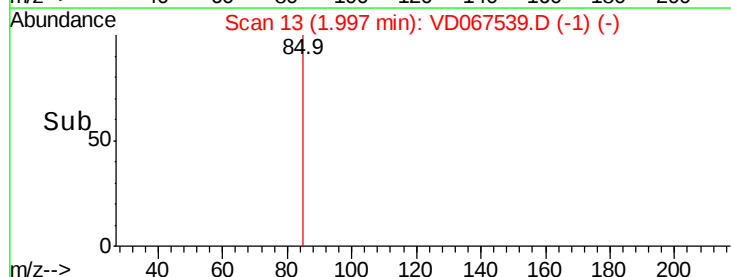
300

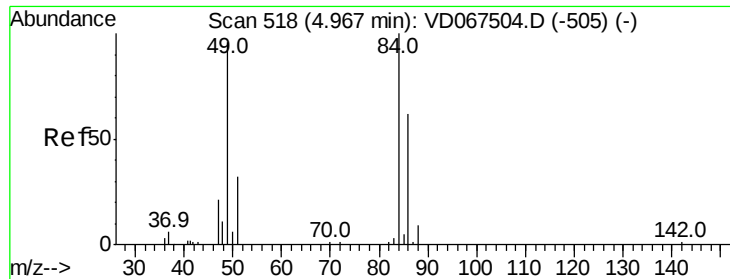
200

100

0

Time-->

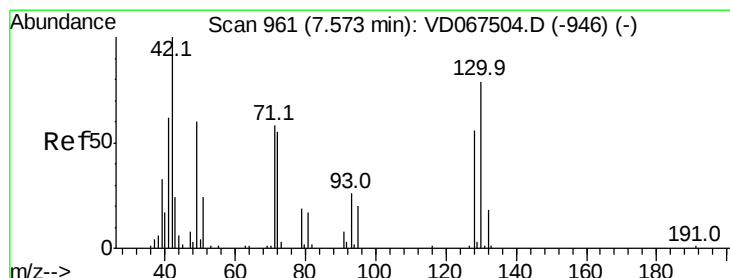
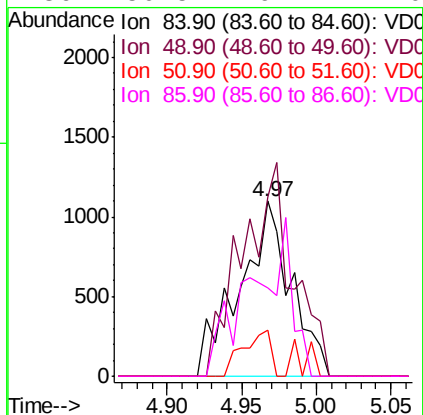
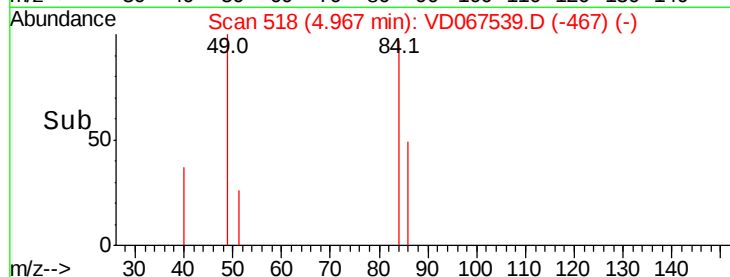
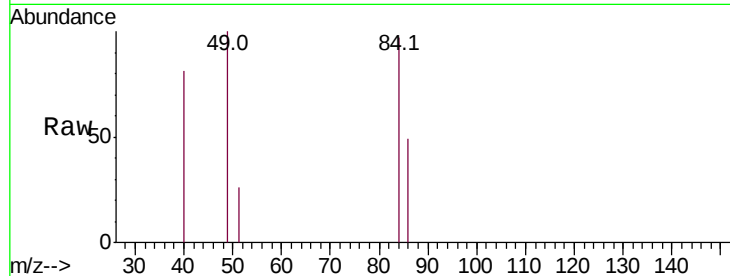




#20
Methvlene Chloride
Concen: 1.015 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067539.D
Acq: 05 Nov 2020 16:13

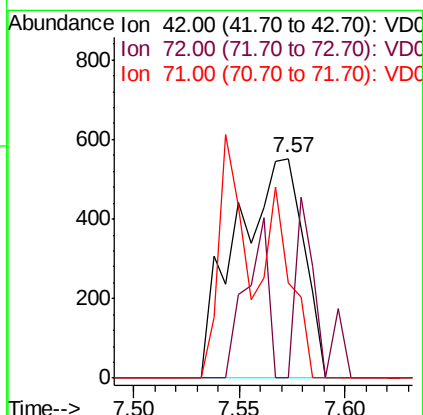
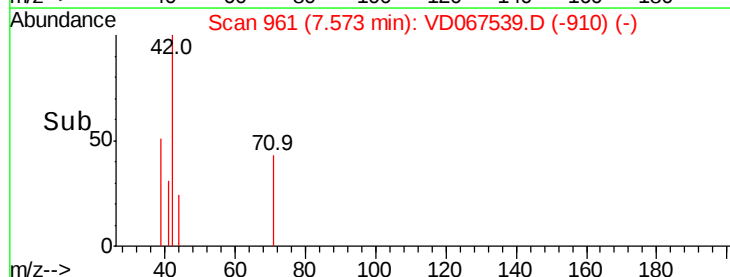
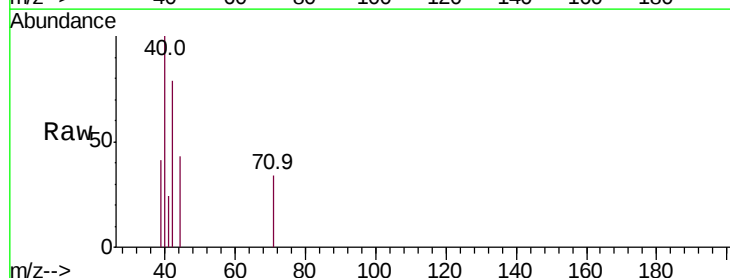
Instrument :
MSVOA_D
ClientSampleId :

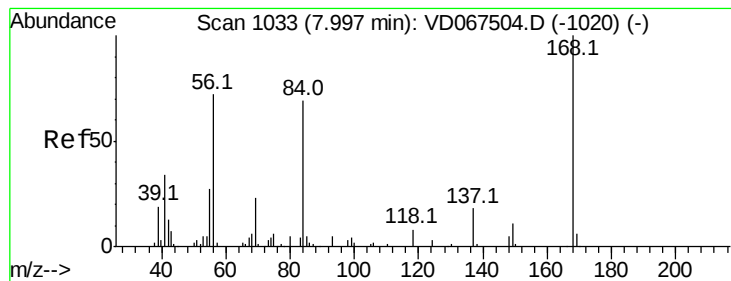
Tot Ion: 84 Resp: 2621
Ion Ratio Lower Upper
84 100
49 102.6 77.0 115.4
51 26.7 25.4 38.2
86 50.5 49.4 74.0



#29
Tetrahydrofuran
Concen: 5.196 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD067539.D
Acq: 05 Nov 2020 16:13

Tgt Ion: 42 Resp: 1216
Ion Ratio Lower Upper
42 100
72 26.4 46.3 69.5#
71 26.7 44.0 66.0#





#31

Cyclohexane

Concen: 1.606 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.02 min

Lab File: VD067539.D

Acq: 05 Nov 2020 16:13

Instrument :

MSVOA_D

ClientSampled :

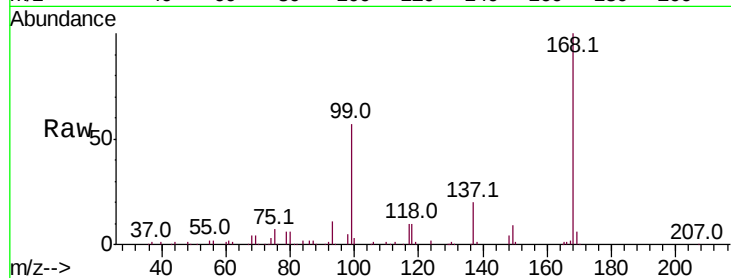
Tot Ion: 56 Resp: 5691

Ion Ratio Lower Upper

56 100

69 176.9 25.9 38.9#

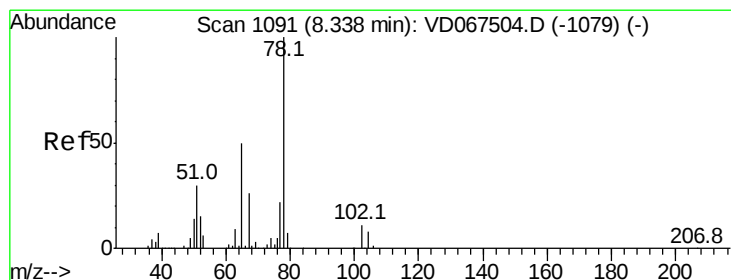
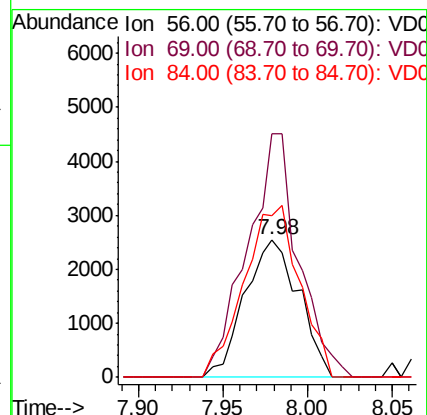
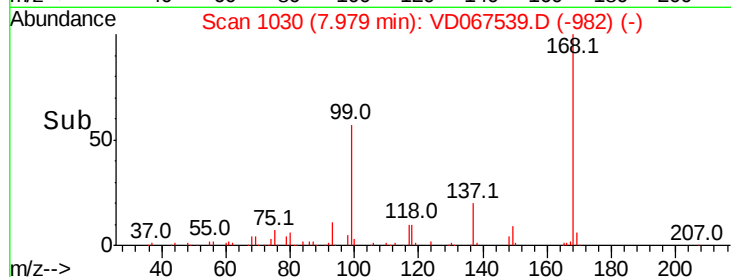
84 117.1 76.2 114.4#



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: 60.242 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067539.D

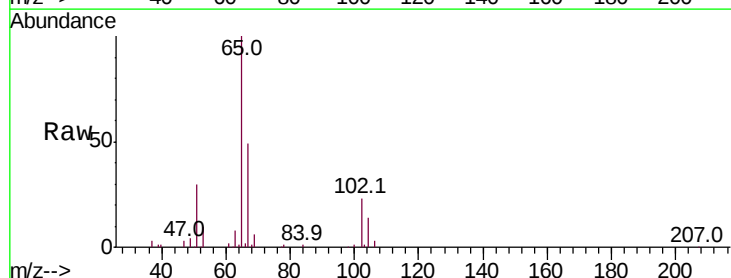
Acq: 05 Nov 2020 16:13

Tgt Ion: 65 Resp: 147186

Ion Ratio Lower Upper

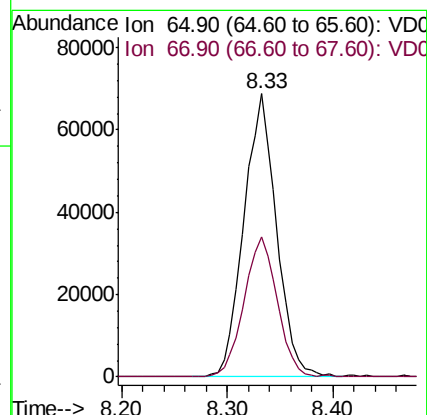
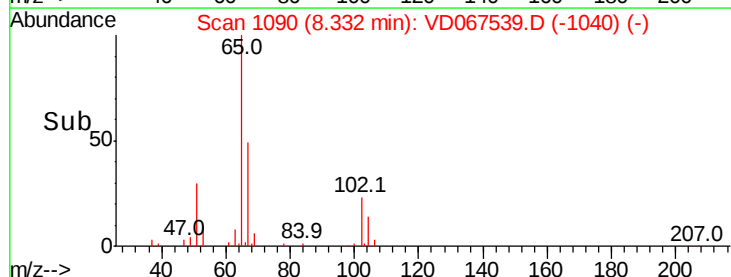
65 100

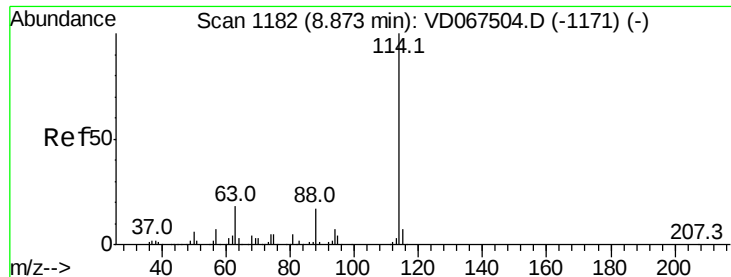
67 50.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

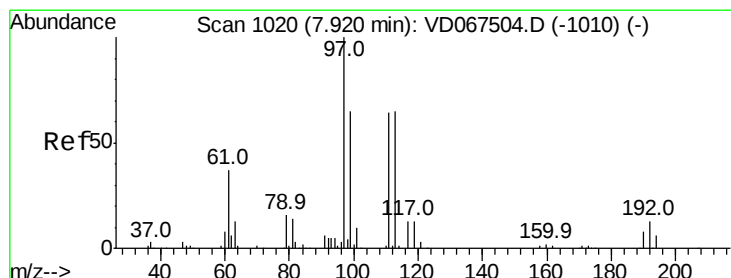
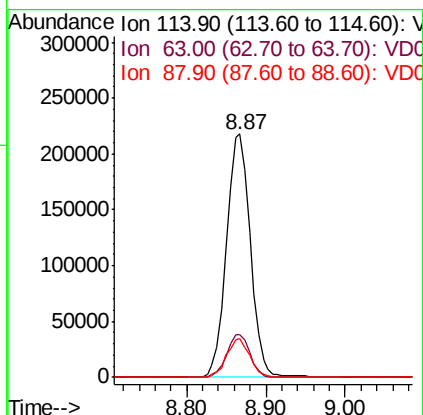
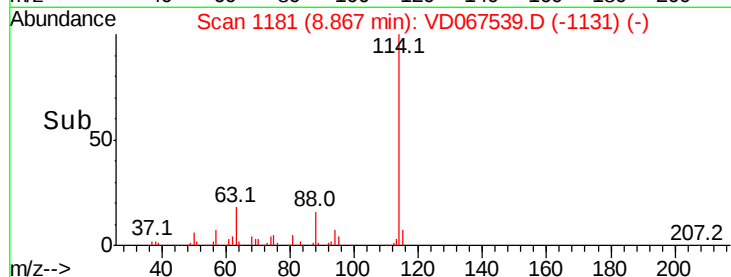
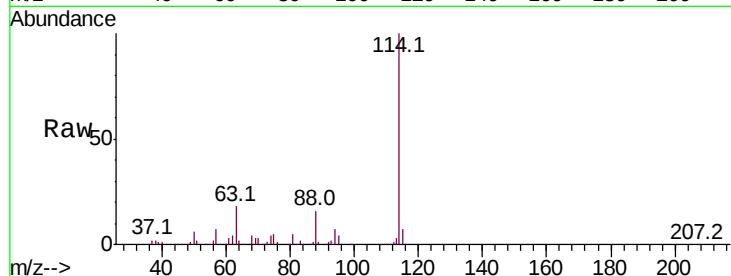




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067539.D
Acq: 05 Nov 2020 16:13

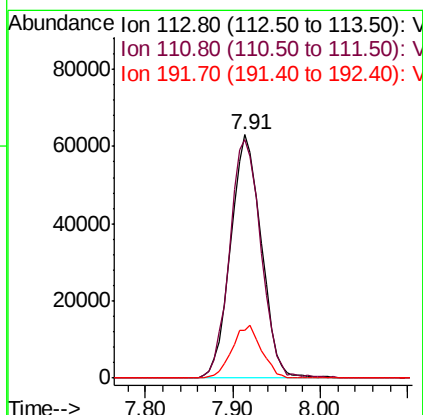
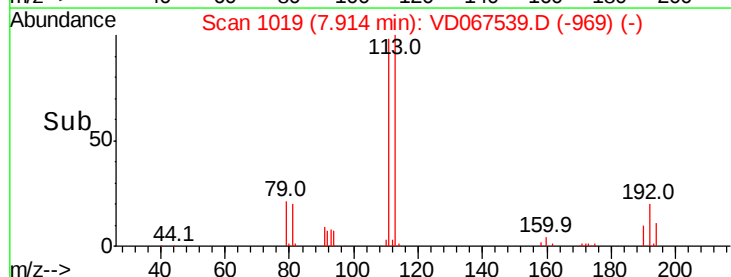
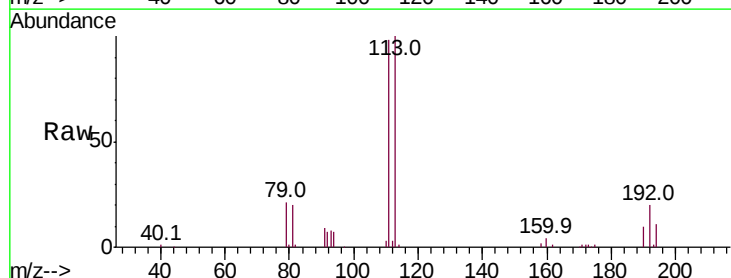
Instrument :
MSVOA_D
ClientSampleId :

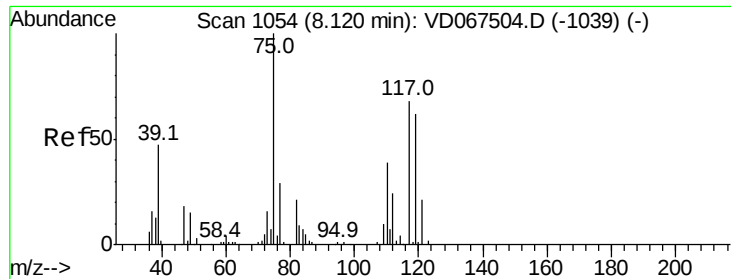
Tot Ion:114 Resp: 453899
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.693 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067539.D
Acq: 05 Nov 2020 16:13

Tgt Ion:113 Resp: 149571
Ion Ratio Lower Upper
113 100
111 100.6 80.0 120.0
192 20.8 16.3 24.5

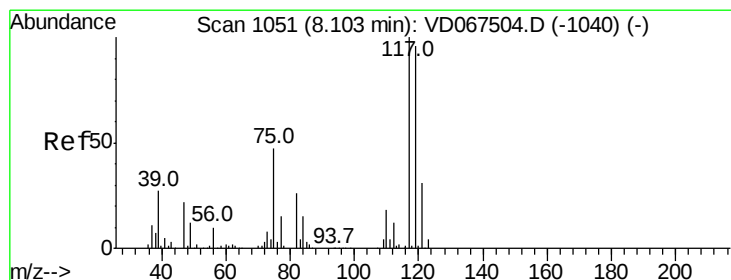
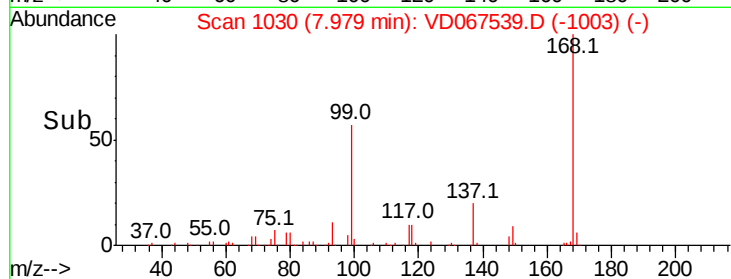
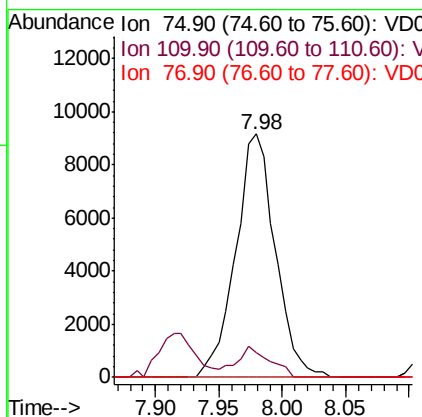
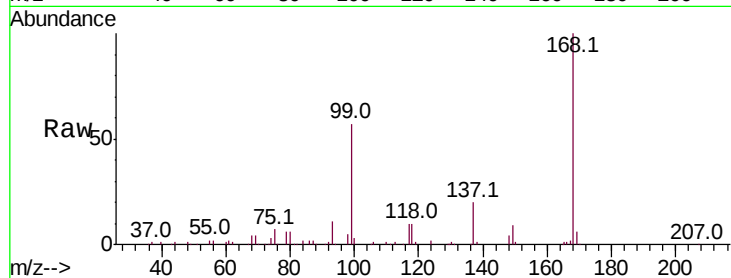




#36
 1,1-Dichloropropene
 Concen: 5.123 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067539.D
 Acq: 05 Nov 2020 16:13

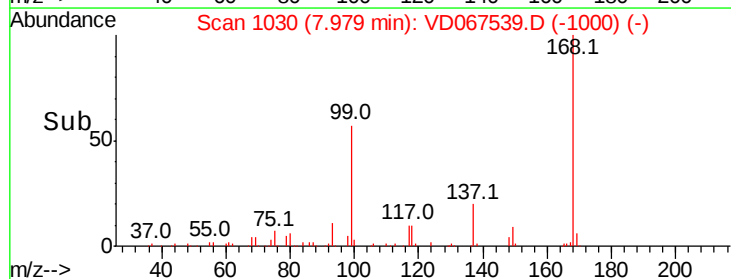
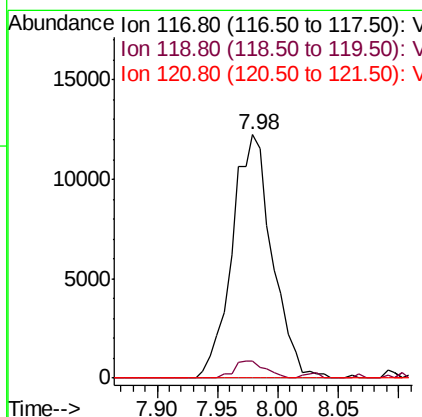
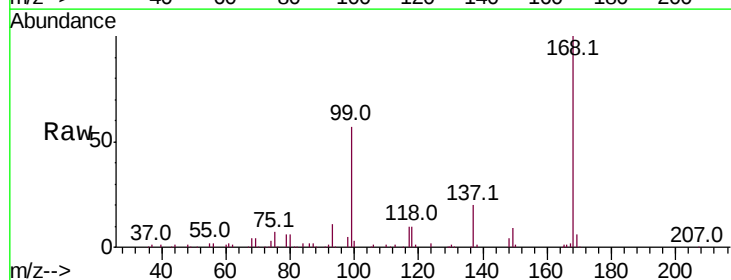
Instrument :
 MSVOA_D
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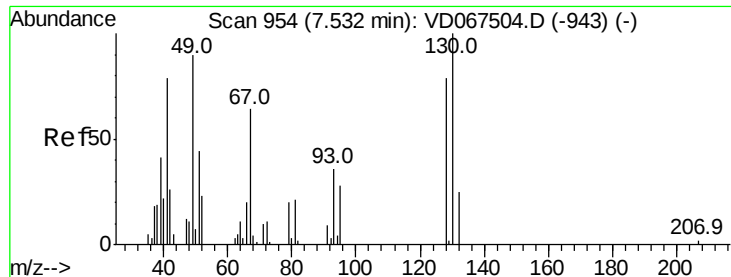
Tot Ion: 75 Resp: 19904
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.600 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD067539.D
 Acq: 05 Nov 2020 16:13

Tgt Ion: 117 Resp: 28271
 Ion Ratio Lower Upper
 117 100
 119 6.9 76.9 115.3#
 121 0.0 24.5 36.7#





#41

Methacrylonitrile

Concen: 1.063 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.03 min

Lab File: VD067539.D

Acq: 05 Nov 2020 16:13

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 41 Resp: 641

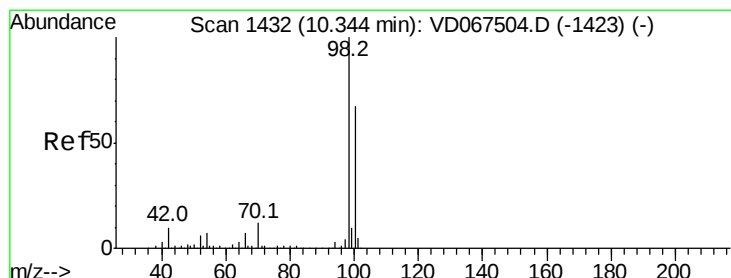
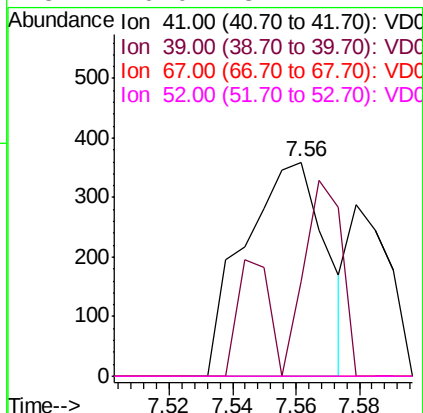
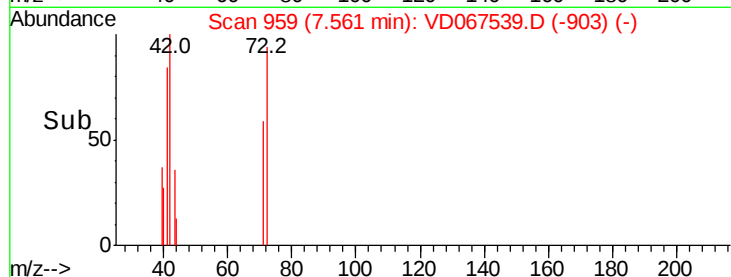
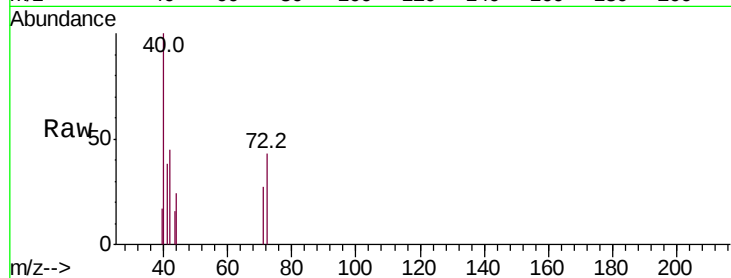
Ion Ratio Lower Upper

41 100

39 42.4 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#



#50

Toluene-d8

Concen: 55.199 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067539.D

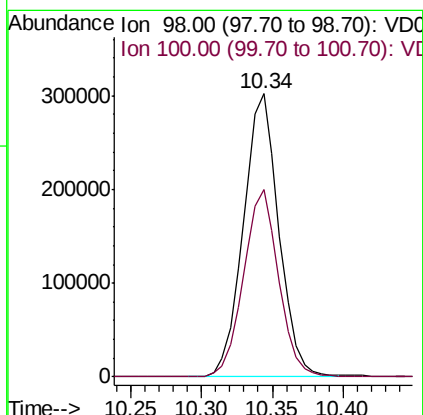
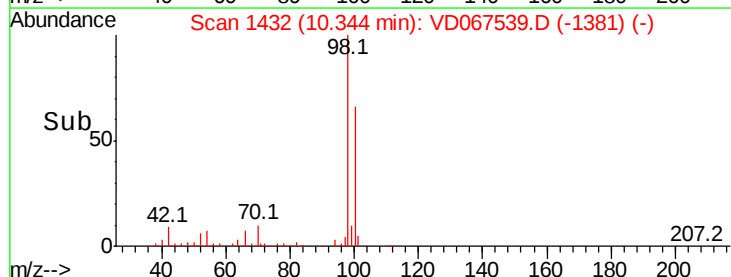
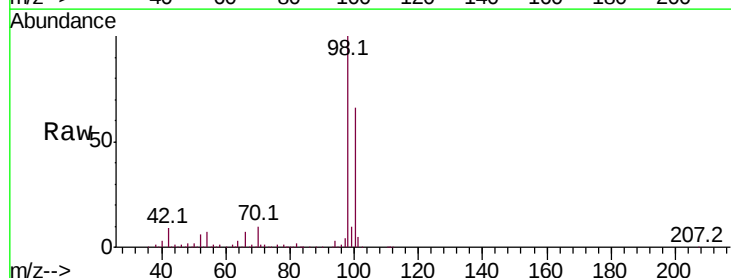
Acq: 05 Nov 2020 16:13

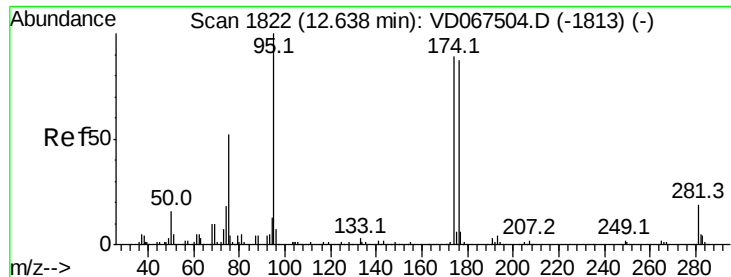
Tgt Ion: 98 Resp: 530486

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

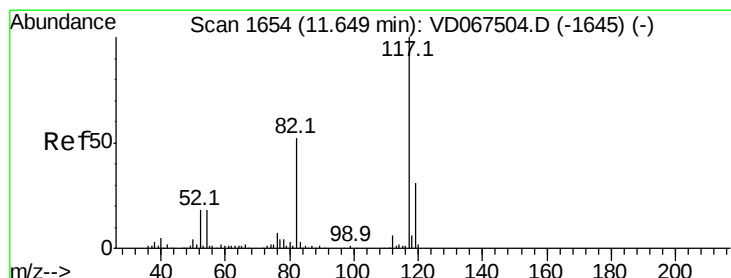
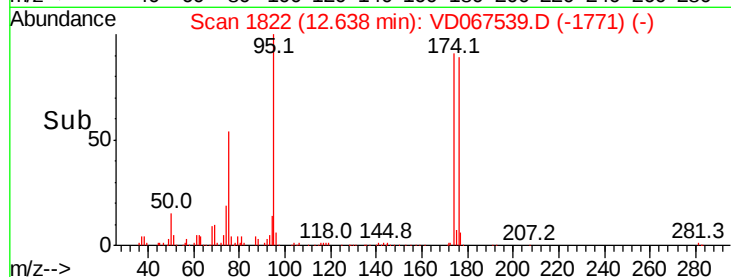
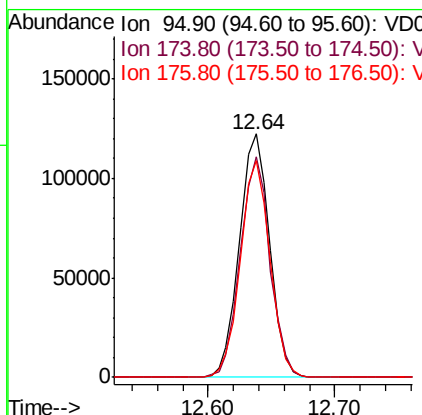
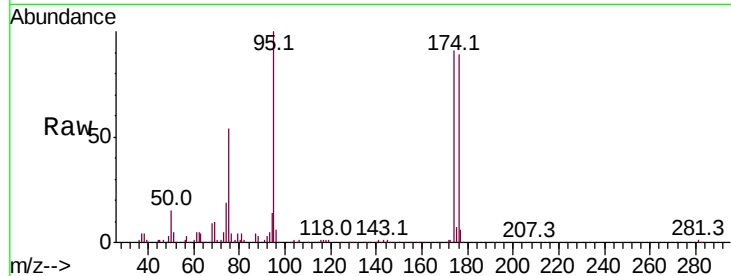




#62
4-Bromofluorobenzene
Concen: 60.931 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067539.D
Acq: 05 Nov 2020 16:13

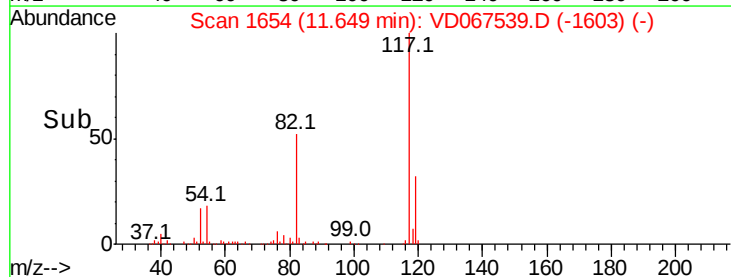
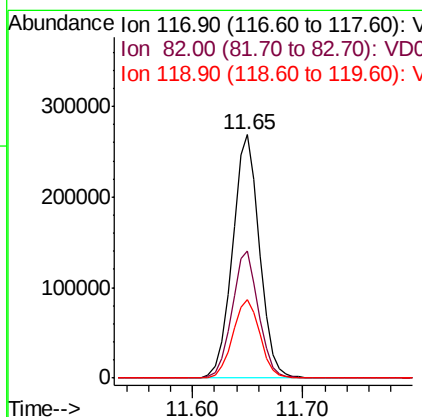
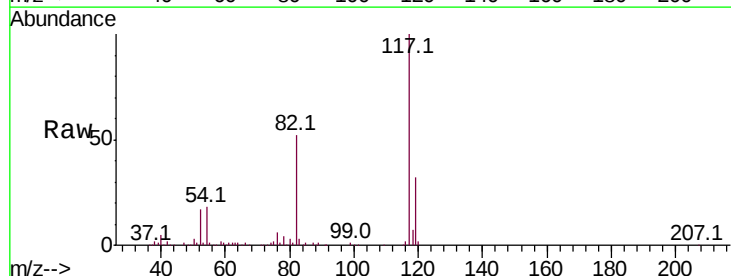
Instrument :
MSVOA_D
ClientSampleId :

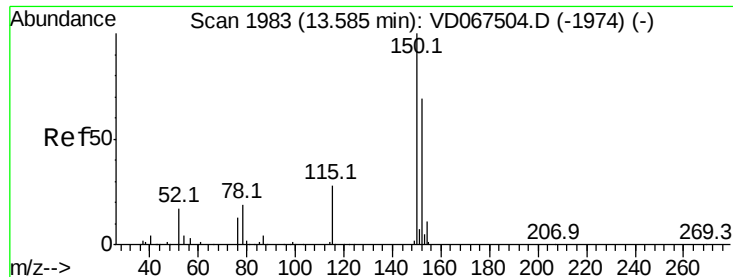
Tot Ion: 95 Resp: 202169
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.8
176 86.9 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067539.D
Acq: 05 Nov 2020 16:13

Tgt Ion: 117 Resp: 459094
Ion Ratio Lower Upper
117 100
82 52.2 41.6 62.4
119 32.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067539.D

Acq: 05 Nov 2020 16:13

Instrument :

MSVOA_D

ClientSampled :

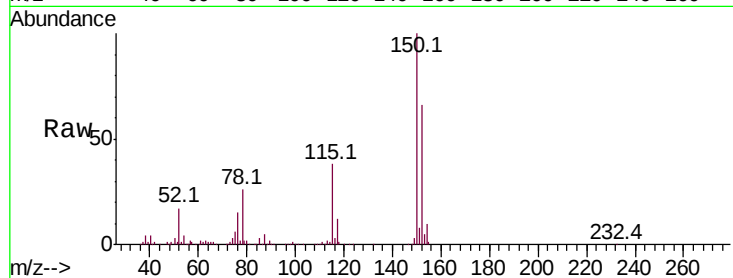
Tot Ion:152 Resp: 235339

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

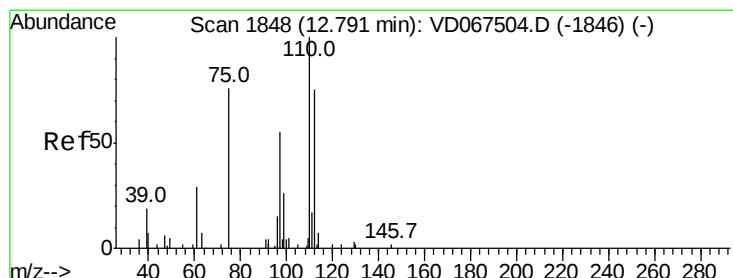
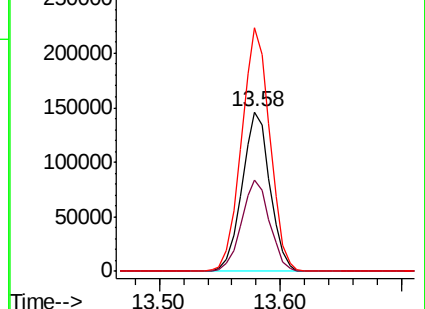
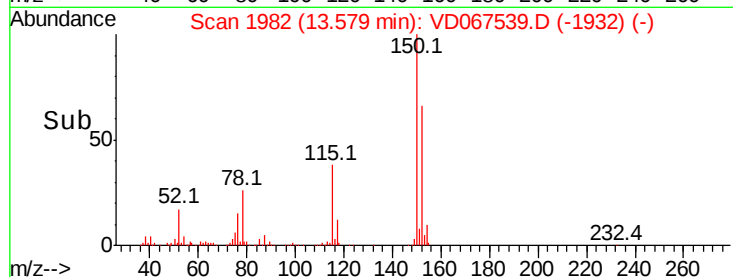
150 154.8 0.0 338.2



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



#76

1,2,3-Trichloropropane

Concen: 72.851 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067539.D

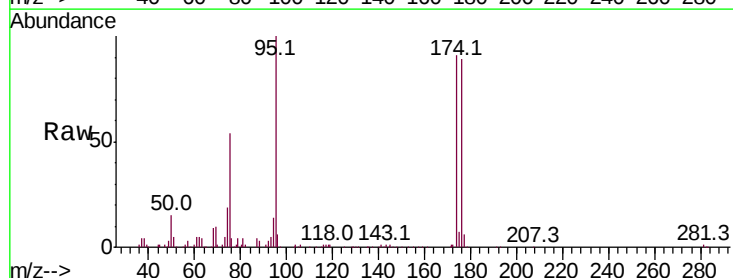
Acq: 05 Nov 2020 16:13

Tgt Ion: 75 Resp: 103427

Ion Ratio Lower Upper

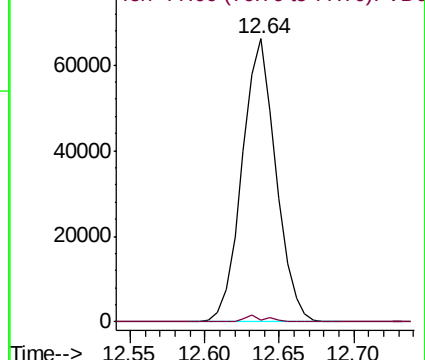
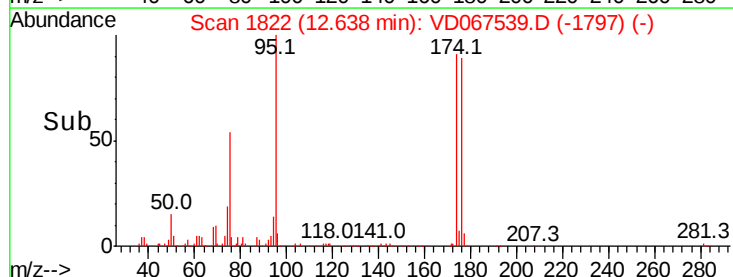
75 100

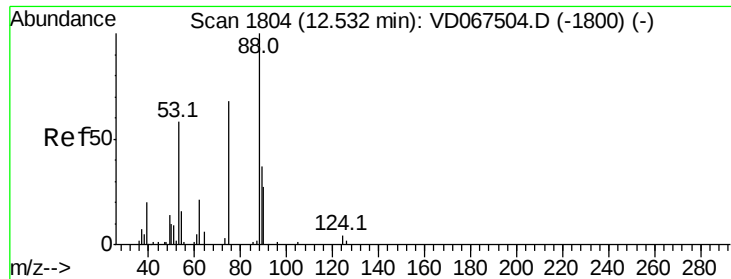
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 147.908 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067539.D

Acq: 05 Nov 2020 16:13

Instrument :

MSVOA_D

ClientSampleId :

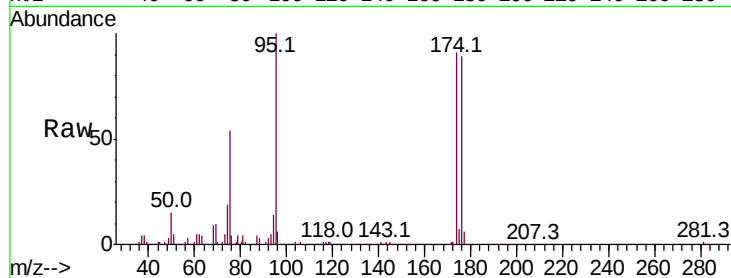
Tot Ion: 75 Resp: 103427

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#



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

