

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067584.D
 Acq On : 10 Nov 2020 16:00
 Operator : VA/SY
 Sample : L4697-06
 Misc : 8.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D2

Quant Time: Nov 11 00:05:09 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	268307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	447733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	425637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234638	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	130416	55.59	ug/l	0.00
Spiked Amount			Recovery	=	111.18%	
35) Dibromofluoromethane	7.92	113	144405	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
50) Toluene-d8	10.34	98	517113	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	
62) 4-Bromofluorobenzene	12.64	95	193520	59.13	ug/l	0.00
Spiked Amount			Recovery	=	118.26%	

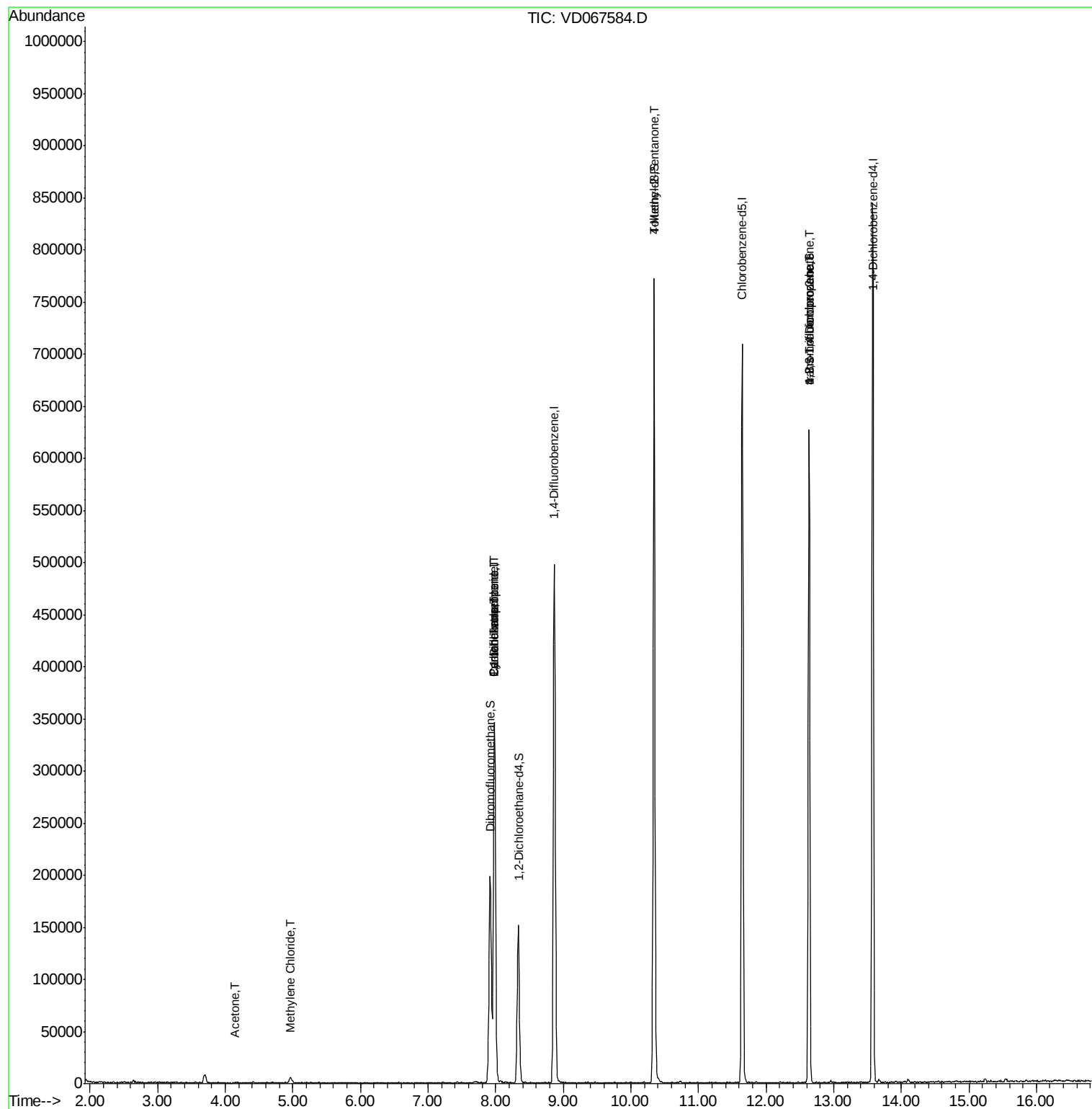
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	83	Below Cal	#	44
16) Acetone	4.15	43	715	2.037	ug/l	92
20) Methylene Chloride	4.97	84	4082	1.646	ug/l #	86
31) Cyclohexane	7.98	56	5324	1.565	ug/l #	38
36) 1,1-Dichloropropene	7.98	75	19204	5.011	ug/l #	49
38) Carbon Tetrachloride	7.98	117	29637	5.952	ug/l #	16
51) 4-Methyl-2-Pentanone	10.35	43	1872	1.989	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	102058	72.102	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	102058	146.386	ug/l #	10

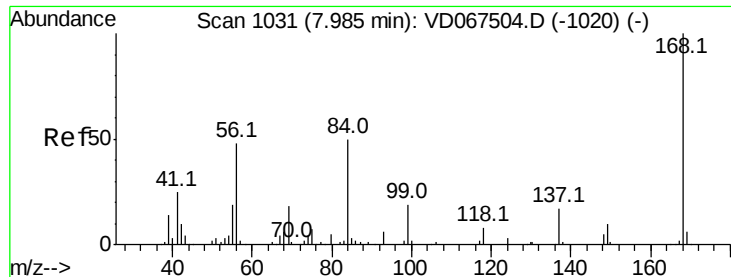
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111020\
Data File : VD067584.D
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Operator : VA/SY
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TP-2-D2

Quant Time: Nov 11 00:05:09 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: VD067584.D

Acq: 10 Nov 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

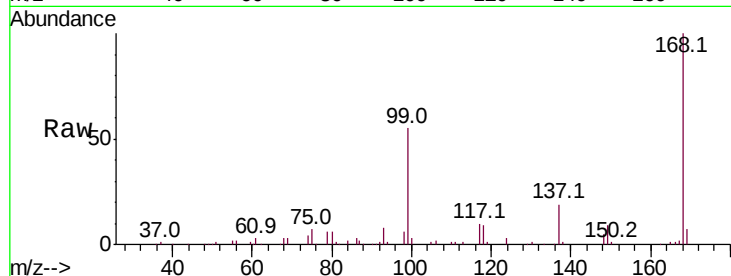
TP-2-D2

Tot Ion:168 Resp: 268307

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

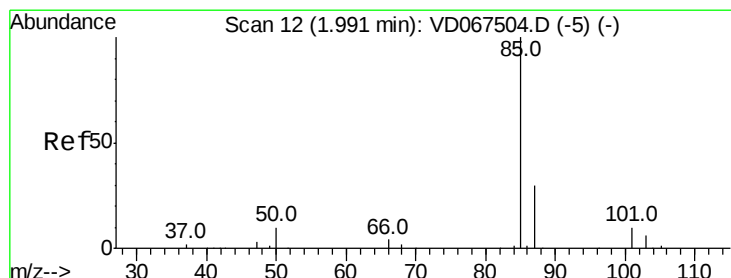
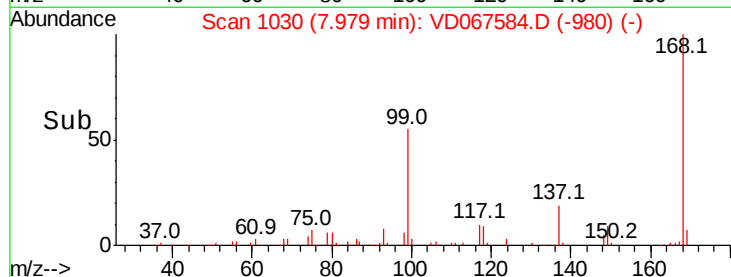
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067584.D

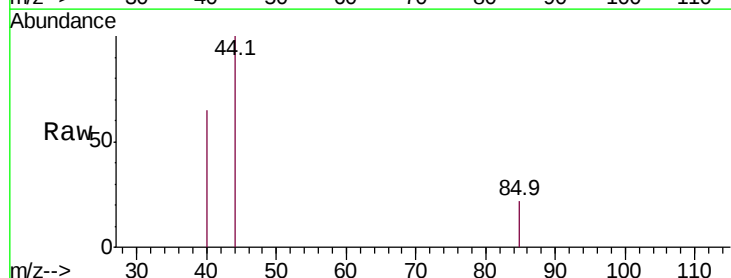
Acq: 10 Nov 2020 16:00

Tgt Ion: 85 Resp: 83

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

1.99

250

200

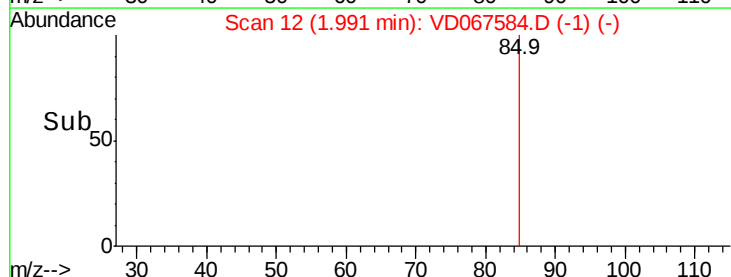
150

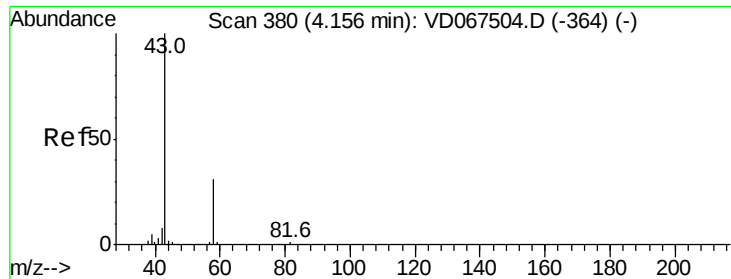
100

50

0

Time-->

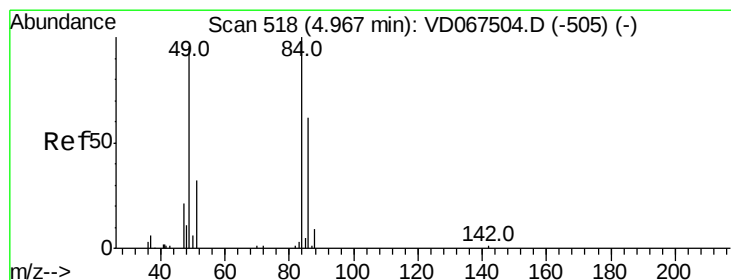
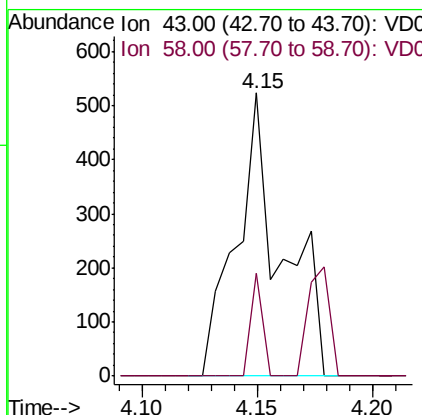
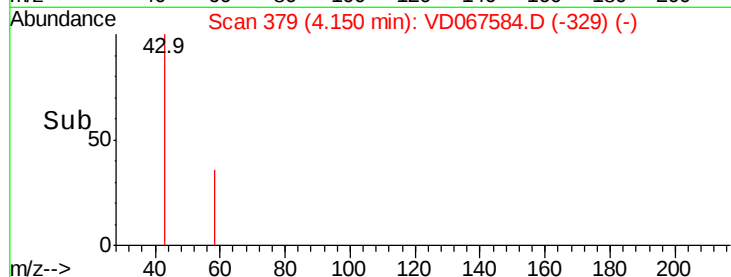
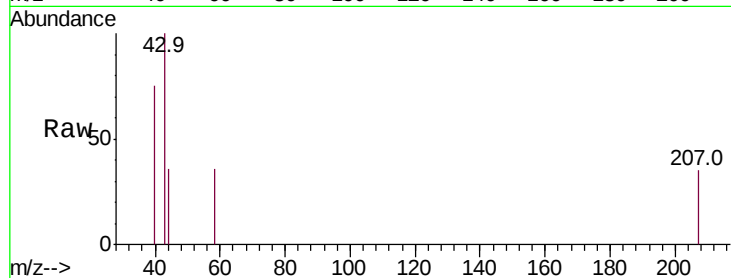




#16
Acetone
Concen: 2.037 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.01 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

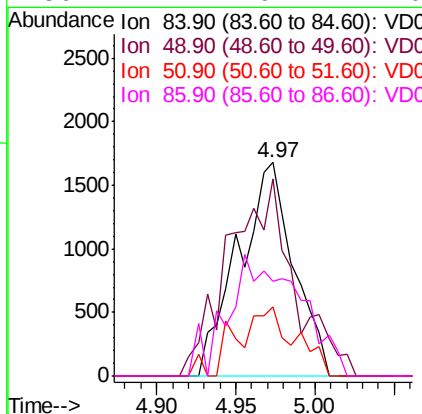
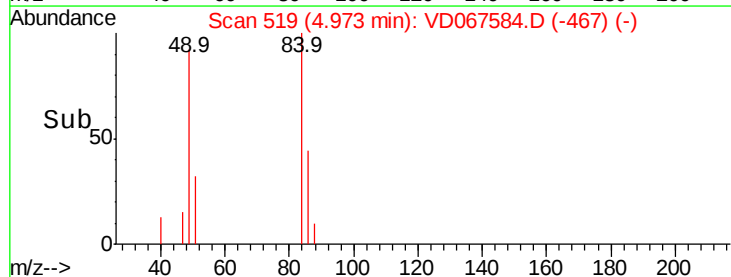
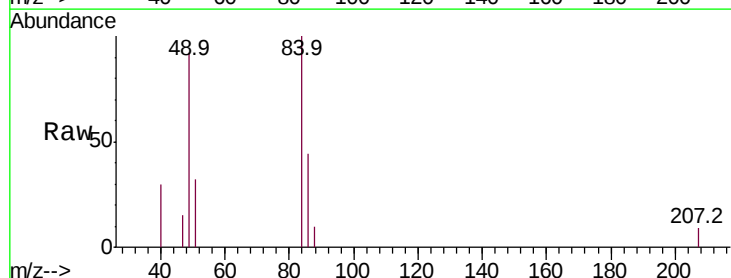
Instrument :
MSVOA_D
ClientSampleId :
TP-2-D2

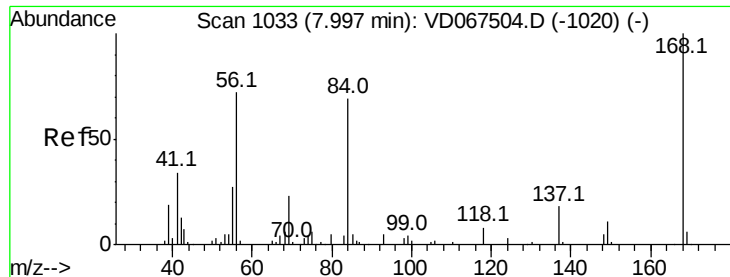
Tot Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 36.1 25.2 37.8



#20
Methylene Chloride
Concen: 1.646 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

Tgt Ion: 84 Resp: 4082
Ion Ratio Lower Upper
84 100
49 82.9 77.0 115.4
51 32.3 25.4 38.2
86 44.4 49.4 74.0#

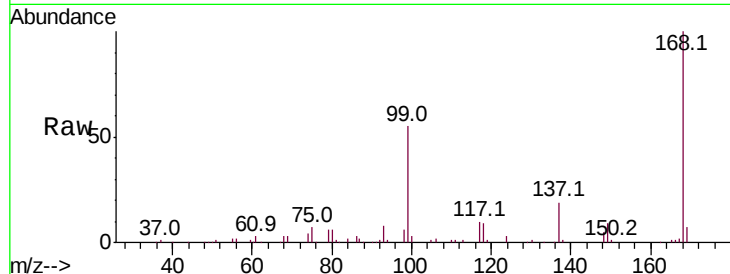




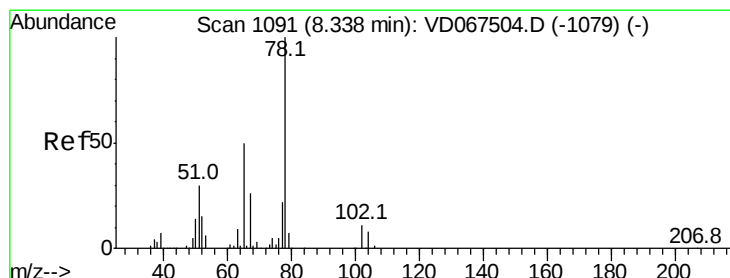
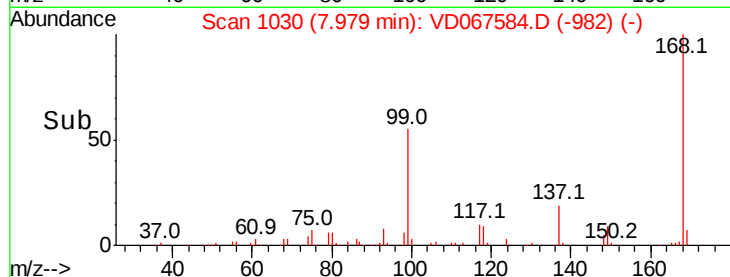
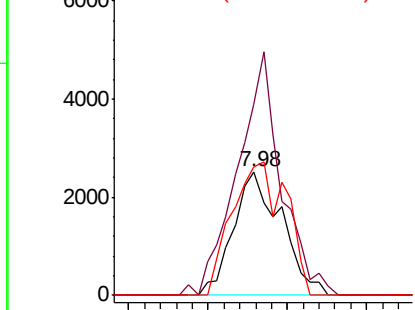
#31
Cyclohexane
Concen: 1.565 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

Instrument :
MSVOA_D
ClientSampleID :
TP-2-D2

Tot Ion: 56 Resp: 5324
Ion Ratio Lower Upper
56 100
69 155.1 25.9 38.9#
84 103.8 76.2 114.4

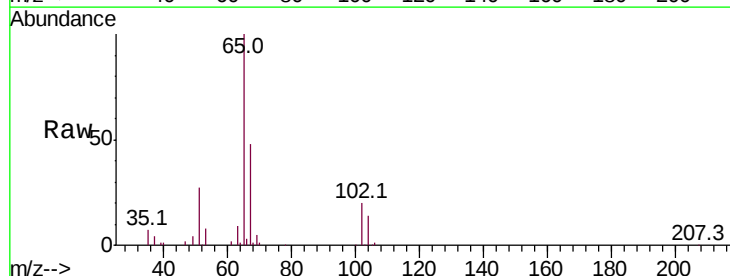


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

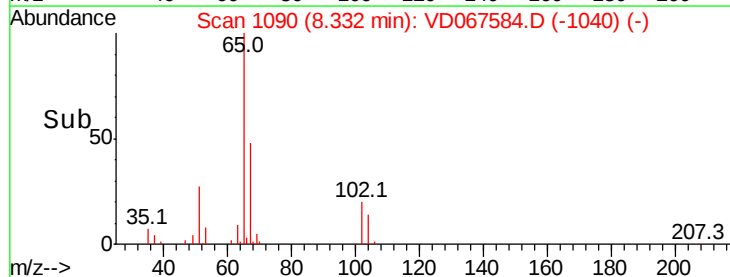
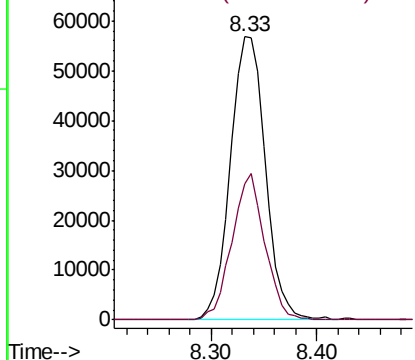


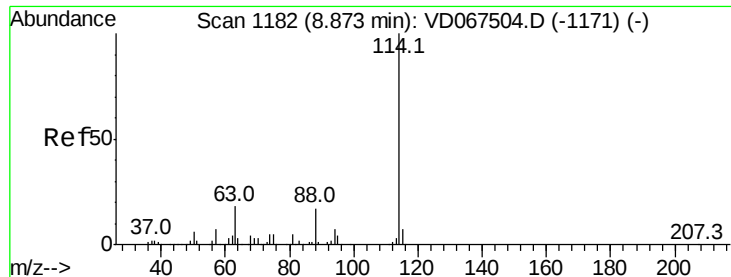
#33
1,2-Dichloroethane-d4
Concen: 55.590 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

Tgt Ion: 65 Resp: 130416
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.4



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

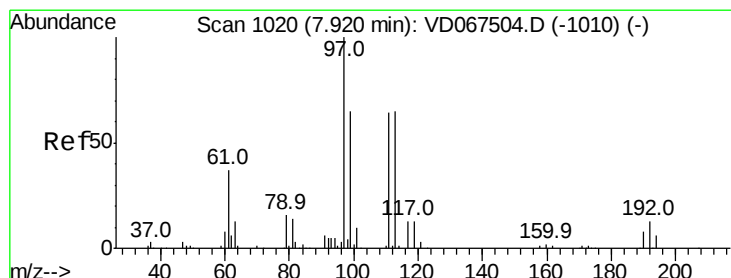
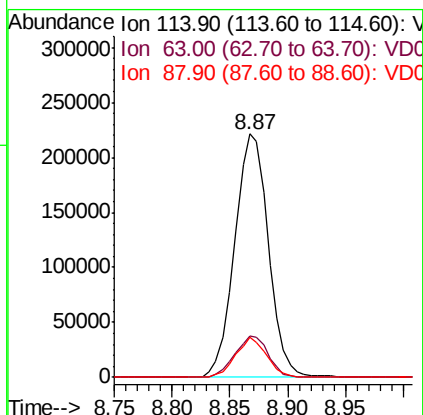
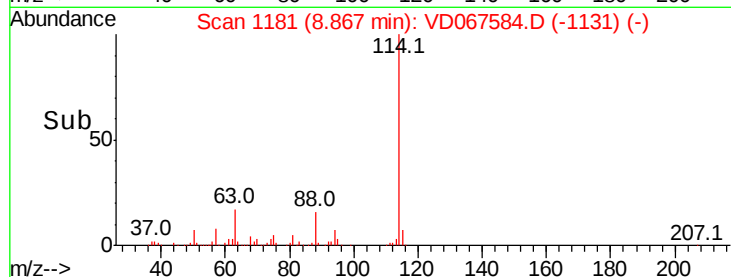
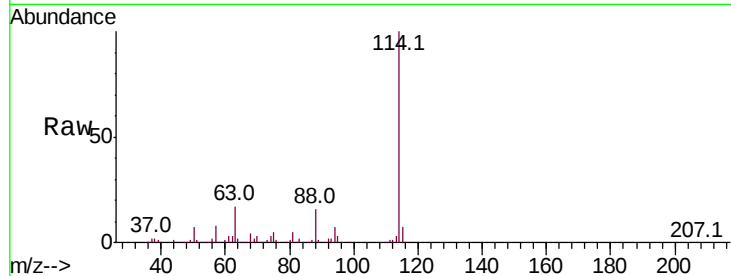




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

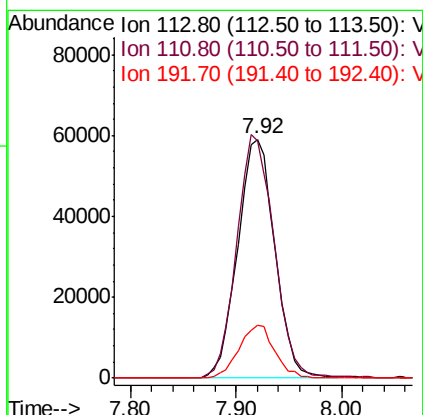
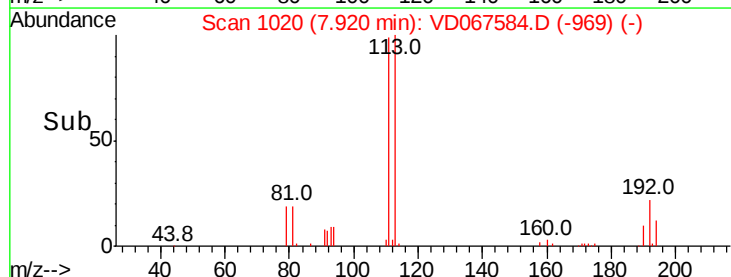
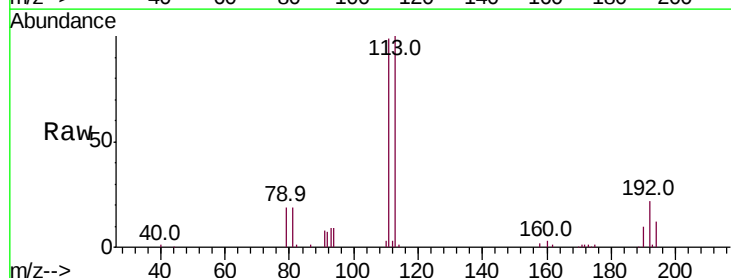
Instrument :
MSVOA_D
ClientSampleId :
TP-2-D2

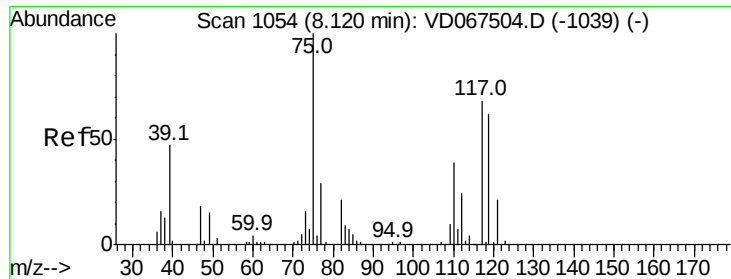
Tot Ion:114 Resp: 447733
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.531 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

Tgt Ion:113 Resp: 144405
Ion Ratio Lower Upper
113 100
111 101.8 80.0 120.0
192 21.1 16.3 24.5

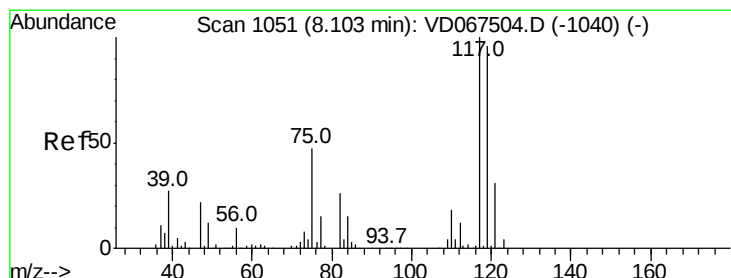
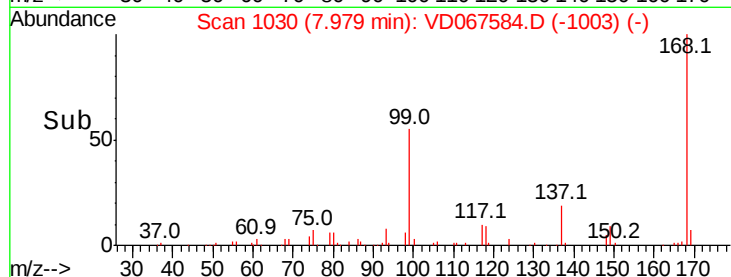
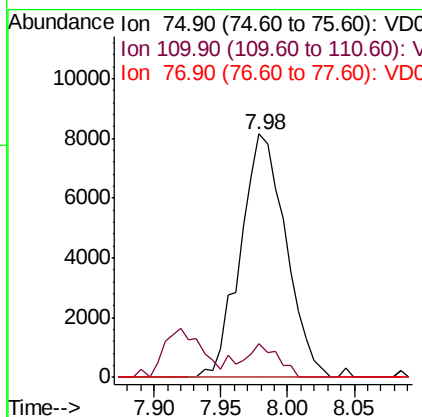
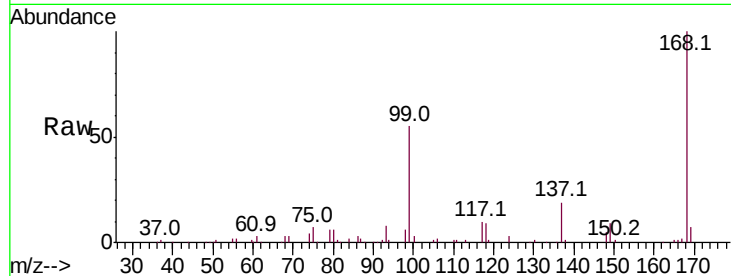




#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067584.D
 Acq: 10 Nov 2020 16:00

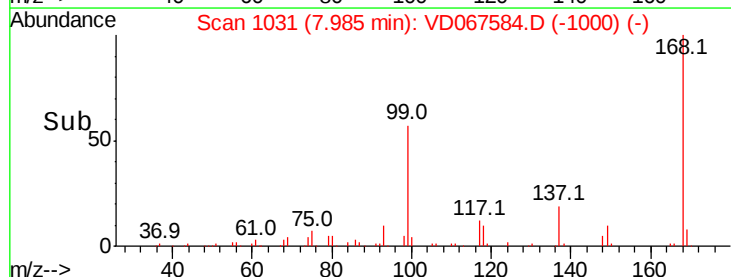
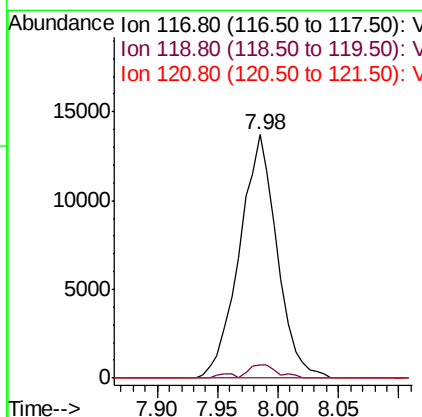
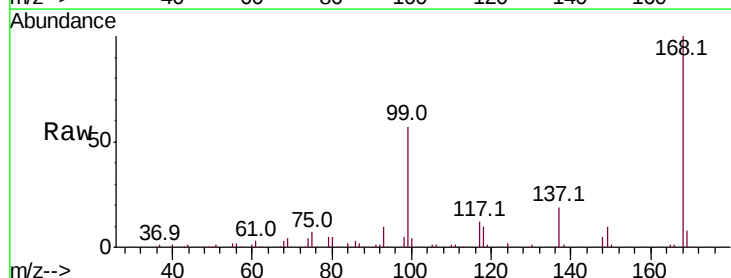
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2-D2

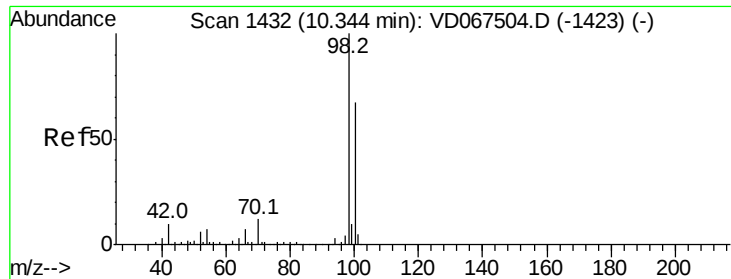
Tot Ion: 75 Resp: 19204
 Ion Ratio Lower Upper
 75 100
 110 11.3 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.952 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067584.D
 Acq: 10 Nov 2020 16:00

Tgt Ion: 117 Resp: 29637
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.9 115.3#
 121 0.0 24.5 36.7#

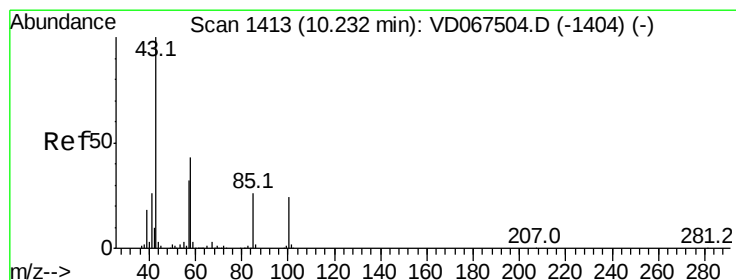
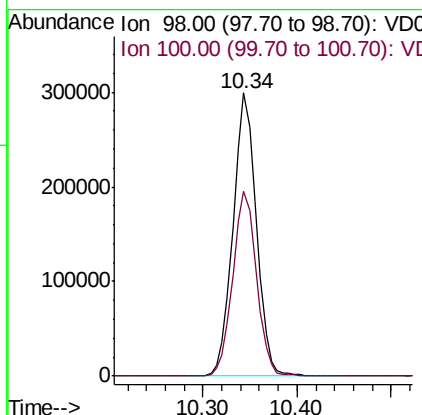
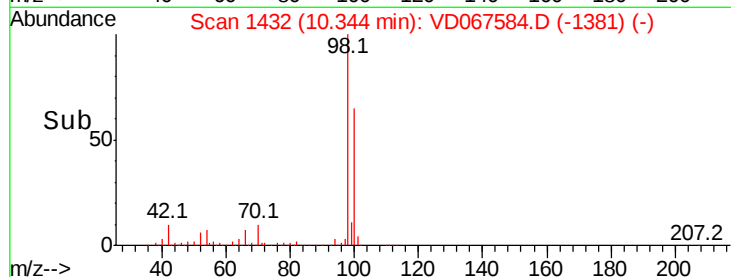
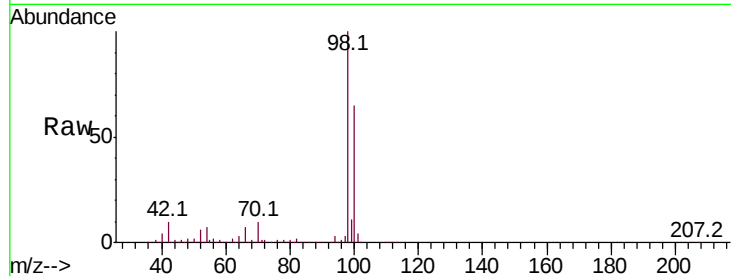




#50
Toluene-d8
Concen: 54.548 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

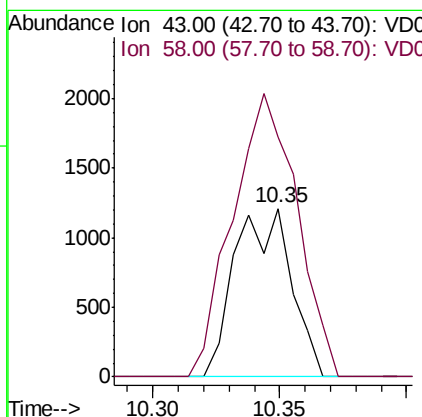
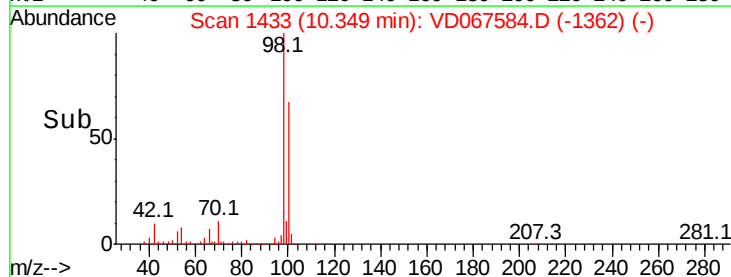
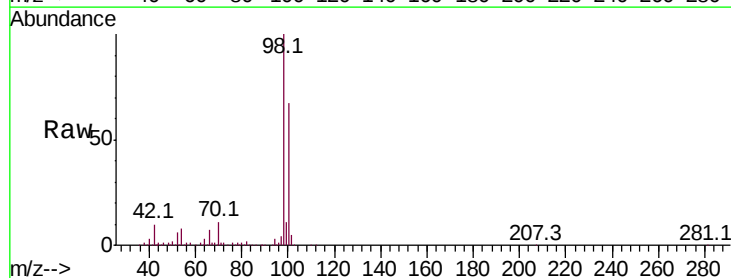
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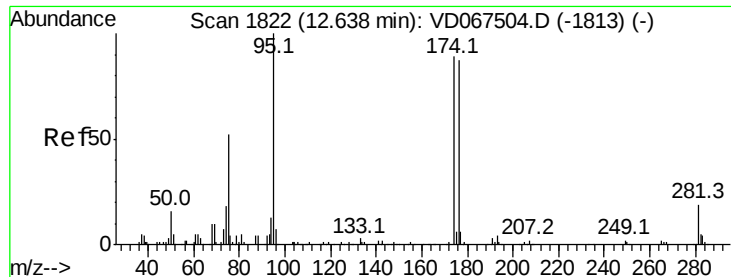
Tot Ion: 98 Resp: 517113
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 1.989 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.12 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 192.0 35.6 53.4#

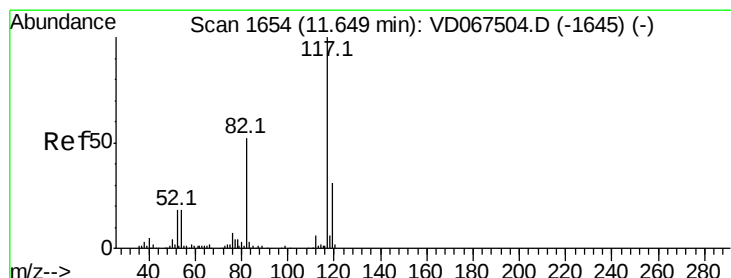
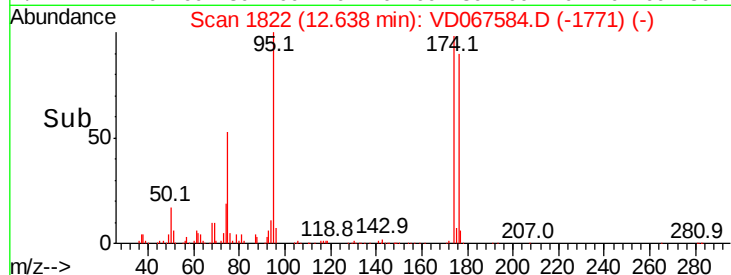
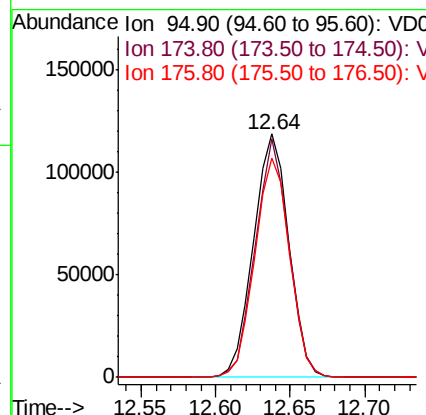
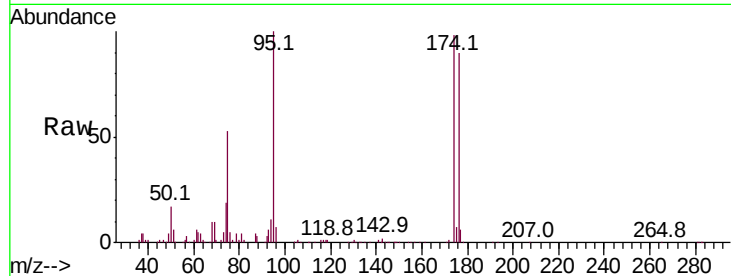




#62
4-Bromofluorobenzene
Concen: 59.128 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

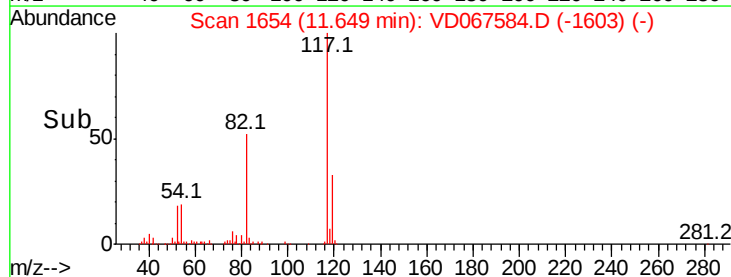
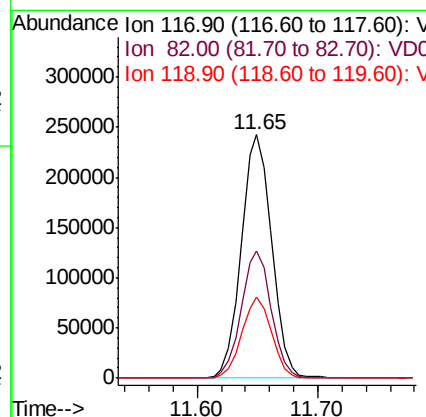
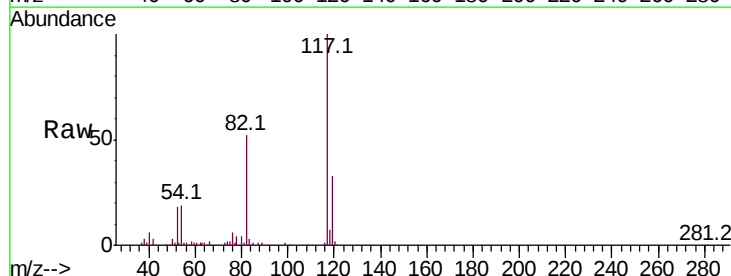
Instrument :
MSVOA_D
ClientSampleId :
TP-2-D2

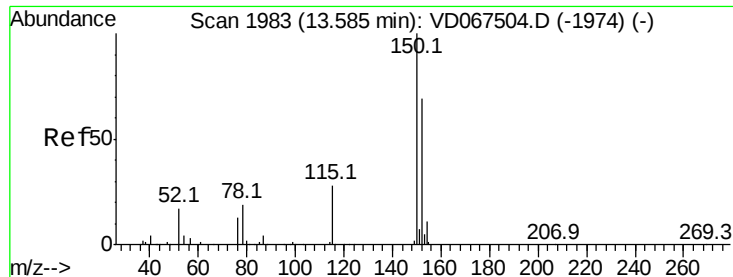
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	177.8
176	89.1	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067584.D
Acq: 10 Nov 2020 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	33.2	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: VD067584.D

Acq: 10 Nov 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

TP-2-D2

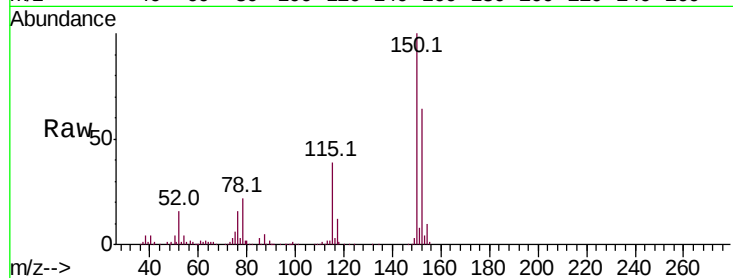
Tot Ion:152 Resp: 234638

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

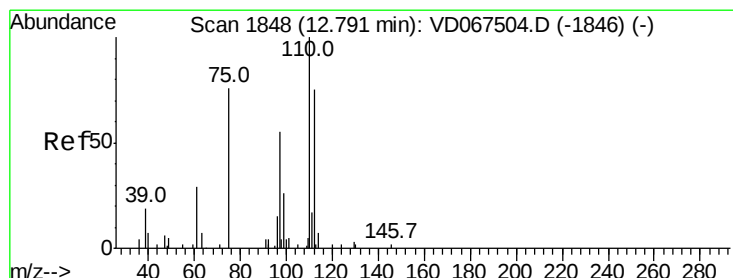
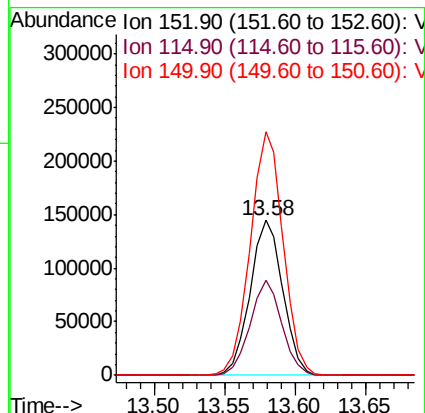
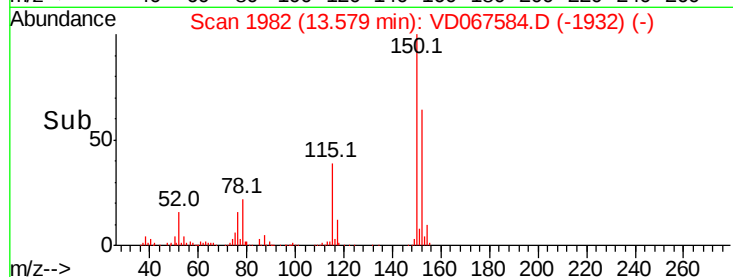
150 157.7 0.0 338.2



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: 72.102 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067584.D

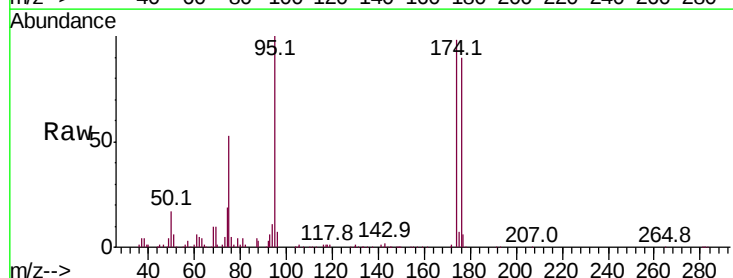
Acq: 10 Nov 2020 16:00

Tgt Ion: 75 Resp: 102058

Ion Ratio Lower Upper

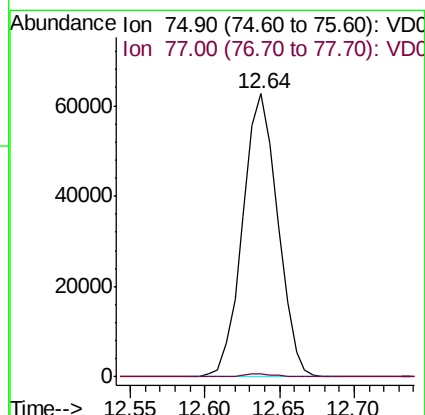
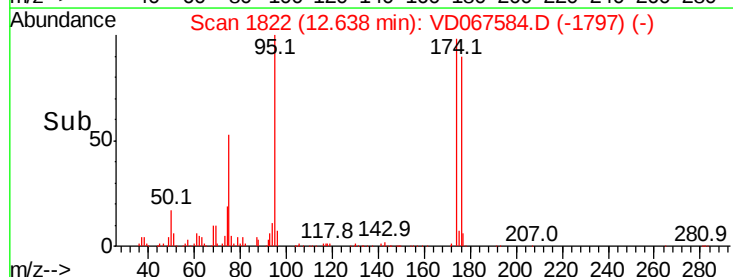
75 100

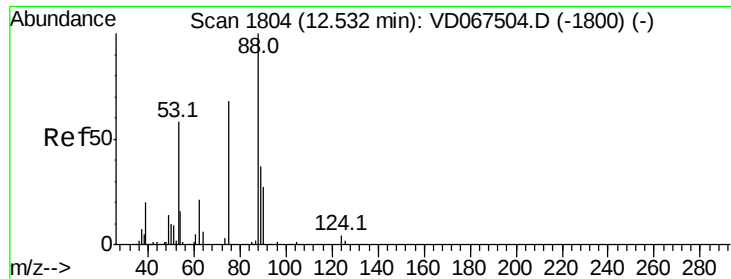
77 1.0 0.0 0.0#



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: 146.386 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067584.D

Acq: 10 Nov 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

TP-2-D2

Tot Ion: 75 Resp: 102058

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

