

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067579.D
 Acq On : 10 Nov 2020 13:43
 Operator : VA/SY
 Sample : L4679-02
 Misc : 8.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-03-001-ABCD

Quant Time: Nov 11 00:04:39 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

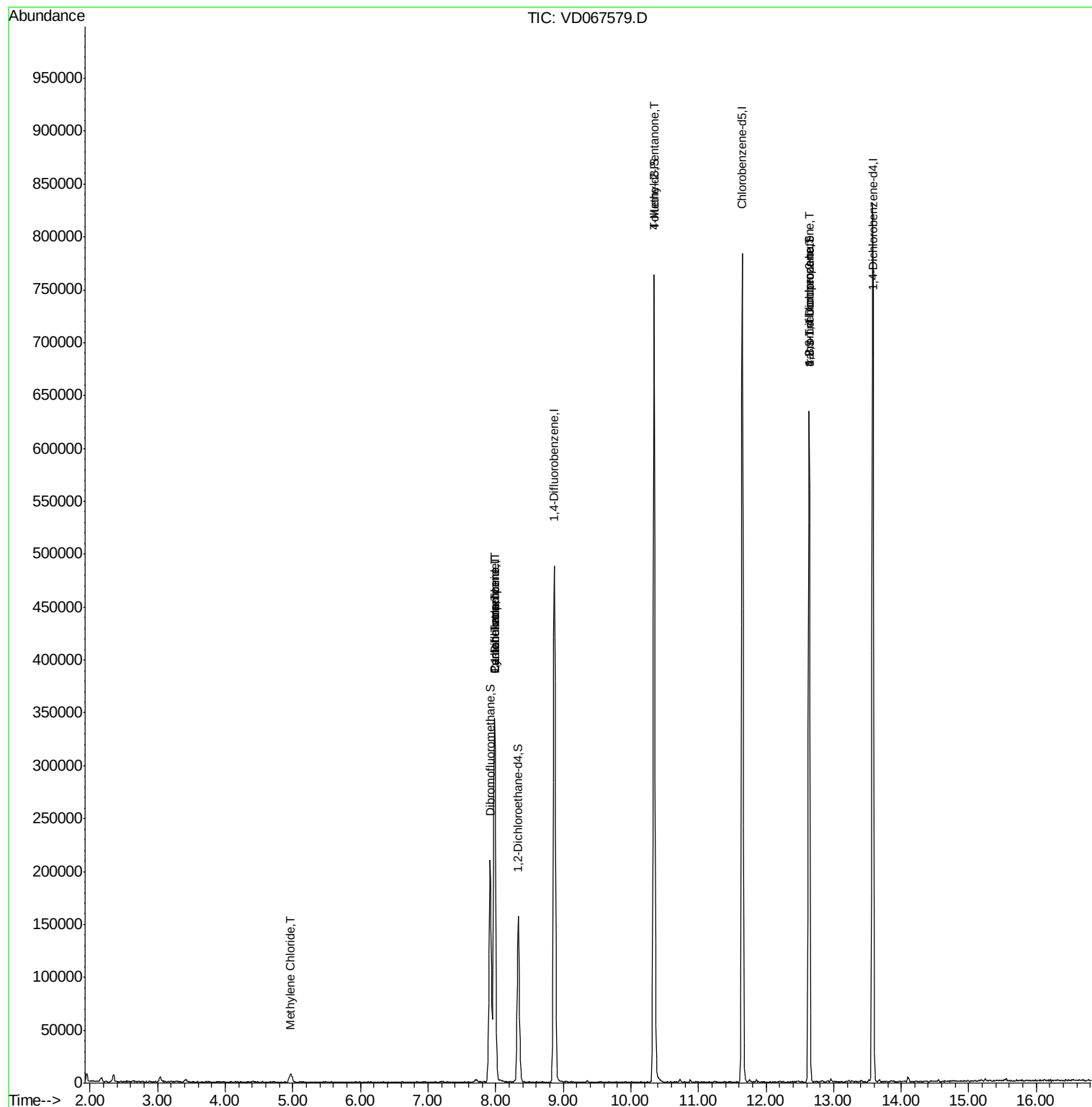
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	268439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	447723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	458557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	136931	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
35) Dibromofluoromethane	7.92	113	147140	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	10.34	98	529010	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.64	95	201016	61.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	455	Below Cal	#	44
20) Methylene Chloride	4.96	84	6451	2.600	ug/l #	95
31) Cyclohexane	7.98	56	5748	1.688	ug/l #	36
36) 1,1-Dichloropropene	7.98	75	19181	5.005	ug/l #	51
38) Carbon Tetrachloride	7.98	117	28221	5.668	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1897	2.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	102421	72.995	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	102421	148.199	ug/l #	10

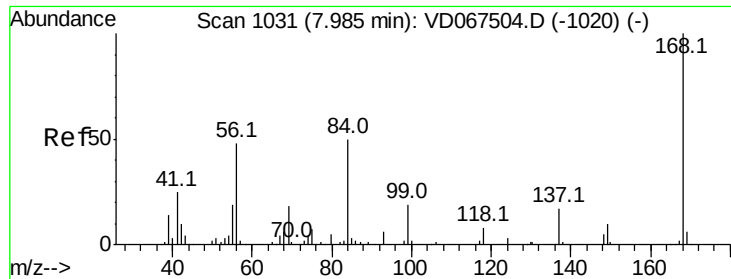
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111020\
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Quant Time: Nov 11 00:04:39 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# 1031

Delta R.T. 0.00 min

Lab File: VD067579.D

Acq: 10 Nov 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

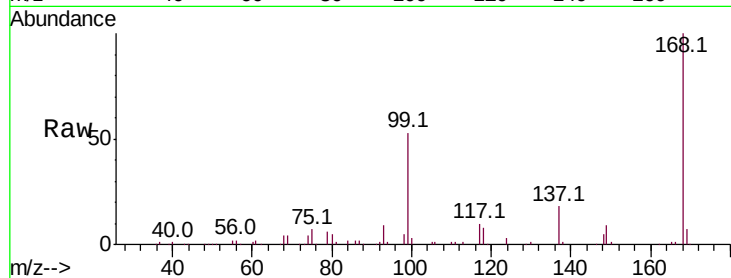
FK-EF-03-001-ABCD

Tot Ion:168 Resp: 268439

Ion Ratio Lower Upper

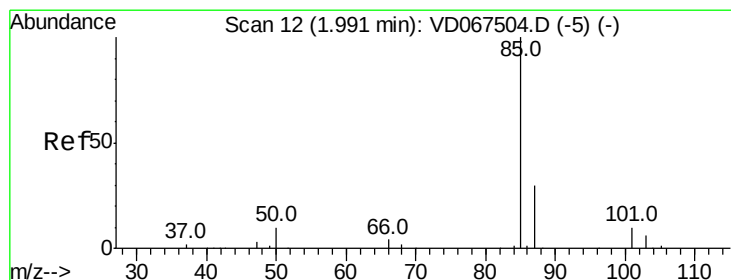
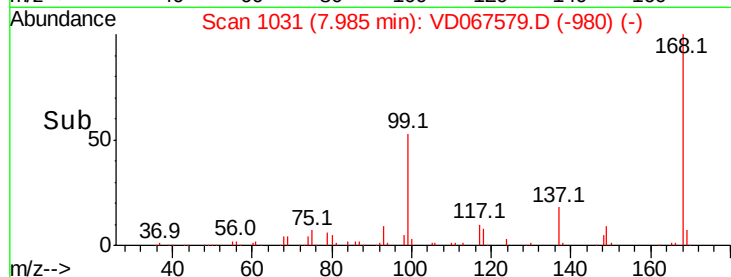
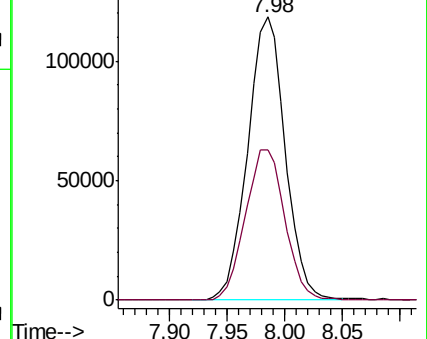
168 100

99 53.3 45.0 67.6



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: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD067579.D

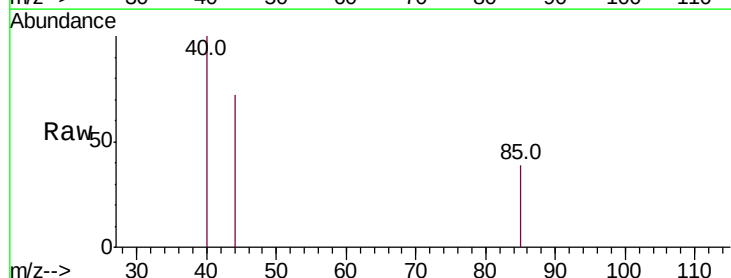
Acq: 10 Nov 2020 13:43

Tgt Ion: 85 Resp: 455

Ion Ratio Lower Upper

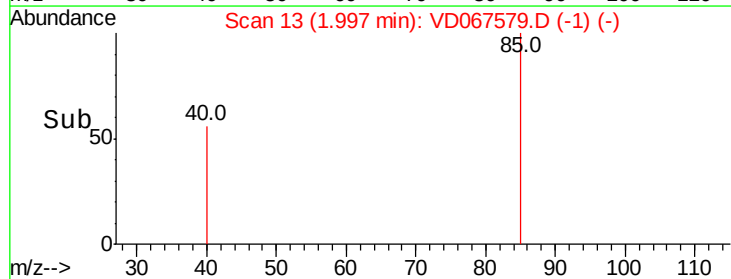
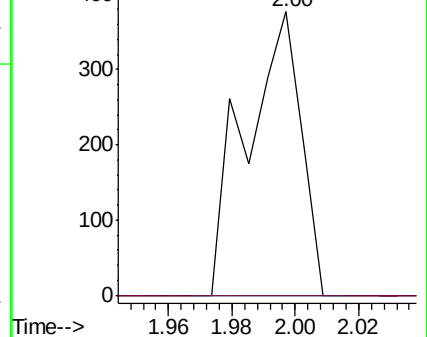
85 100

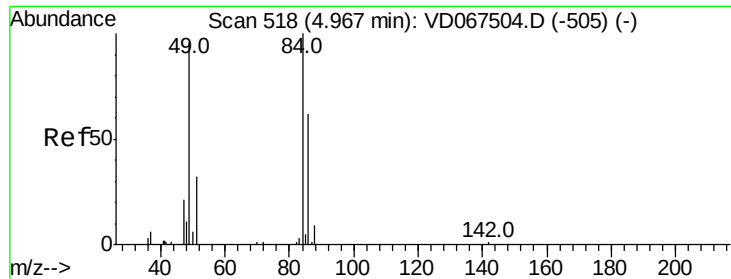
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

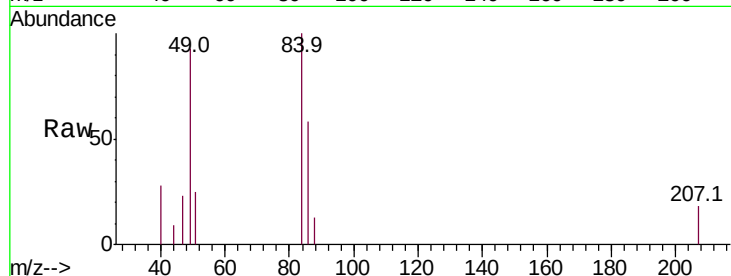




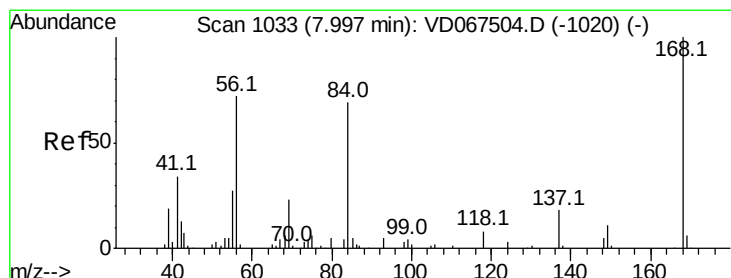
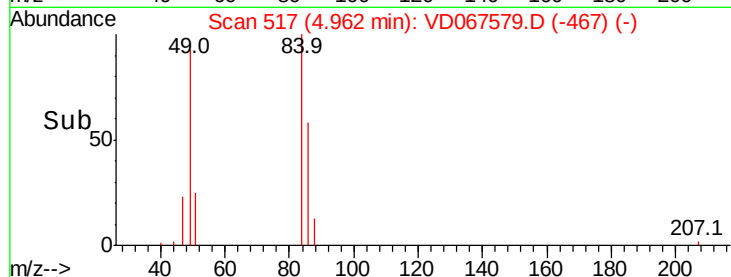
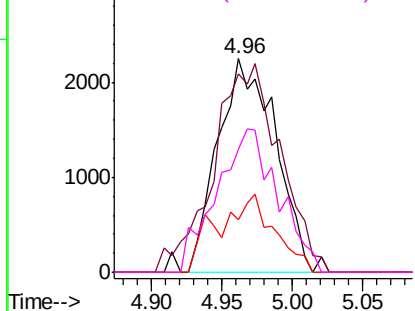
#20
Methylene Chloride
Concen: 2.600 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067579.D
Acq: 10 Nov 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-03-001-ABCD

Tot Ion: 84 Resp: 6451
Ion Ratio Lower Upper
84 100
49 93.1 77.0 115.4
51 24.8 25.4 38.2#
86 57.6 49.4 74.0

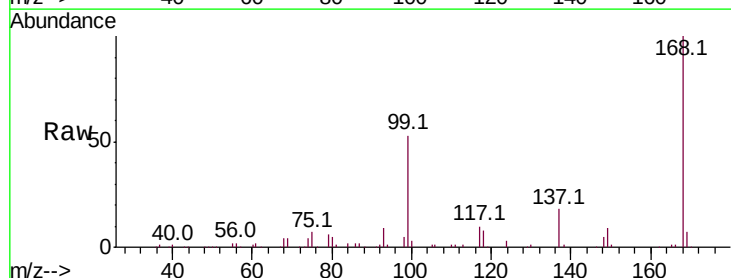


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

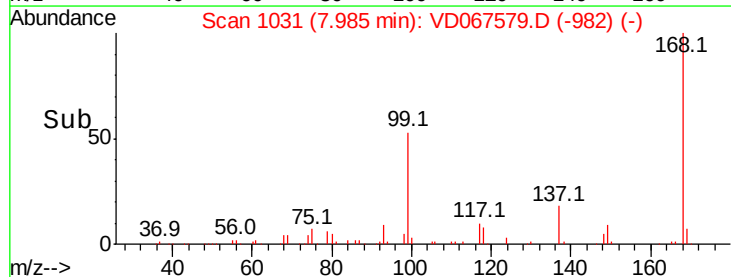
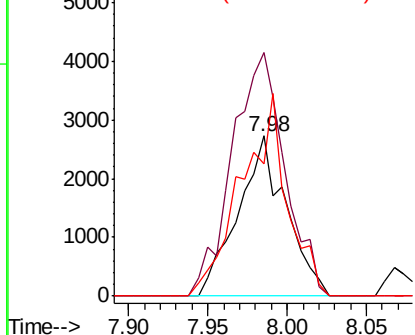


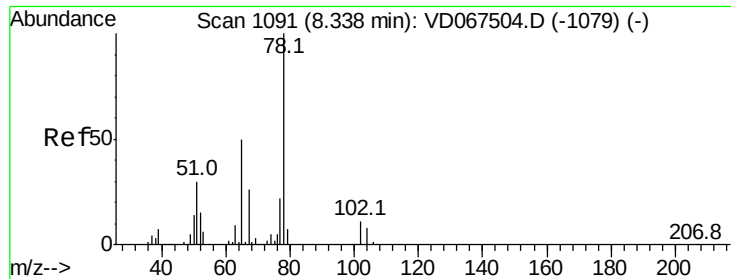
#31
Cyclohexane
Concen: 1.688 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067579.D
Acq: 10 Nov 2020 13:43

Tgt Ion: 56 Resp: 5748
Ion Ratio Lower Upper
56 100
69 152.2 25.9 38.9#
84 82.9 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

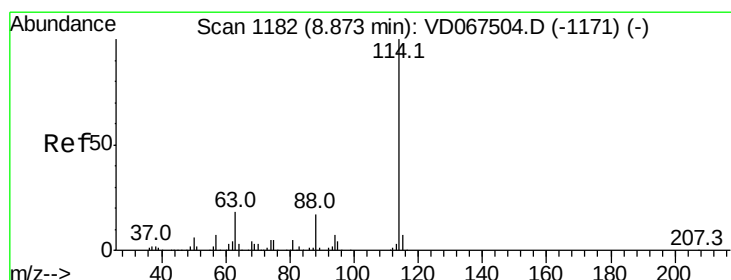
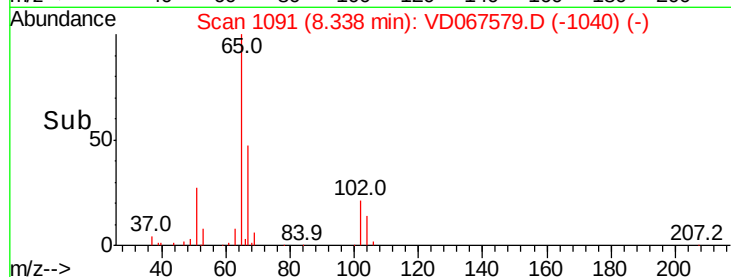
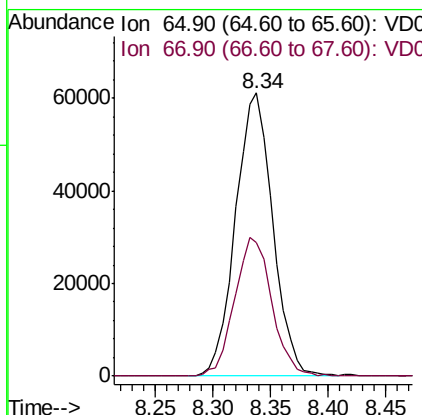
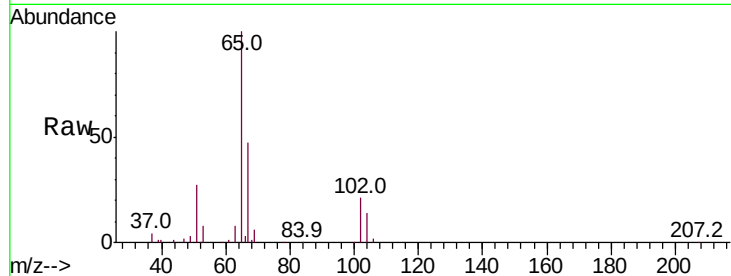




#33
 1,2-Dichloroethane-d4
 Concen: 58.338 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067579.D
 Acq: 10 Nov 2020 13:43

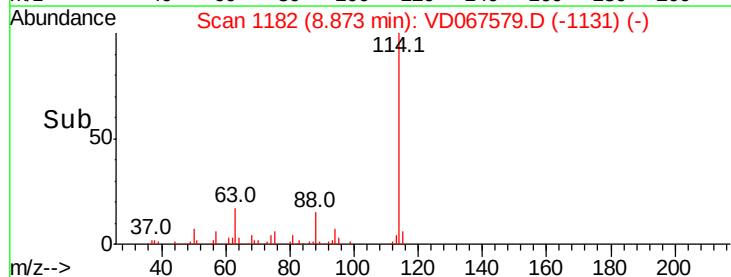
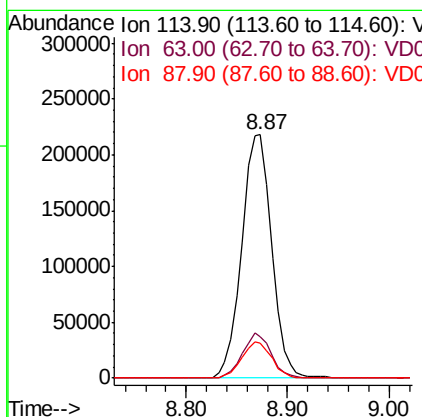
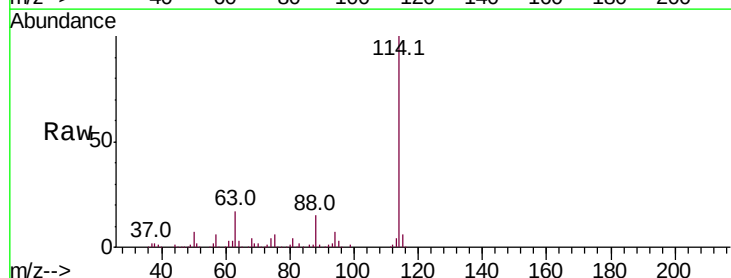
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-03-001-ABCD

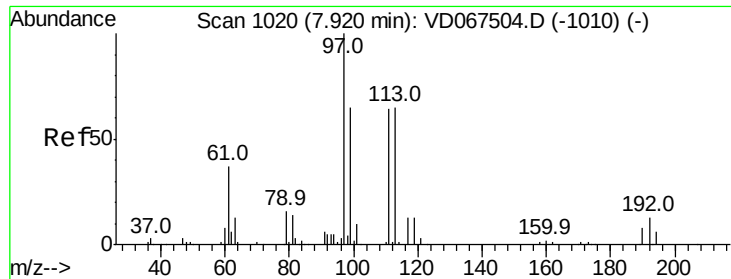
Tot Ion: 65 Resp: 136931
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067579.D
 Acq: 10 Nov 2020 13:43

Tgt Ion: 114 Resp: 447723
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.6 0.0 33.0

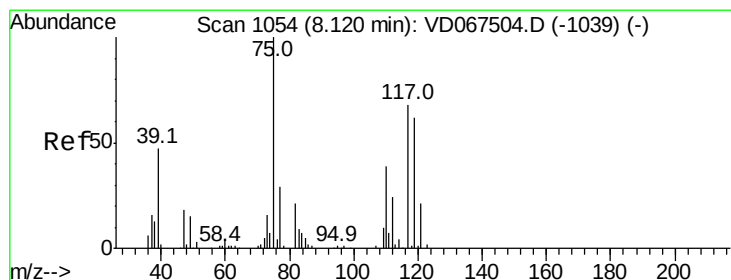
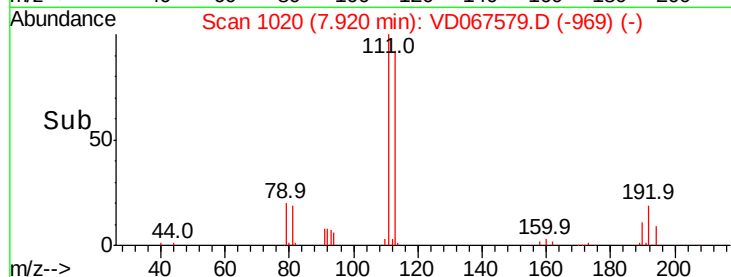
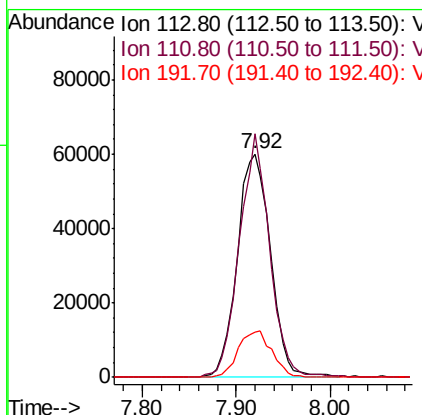
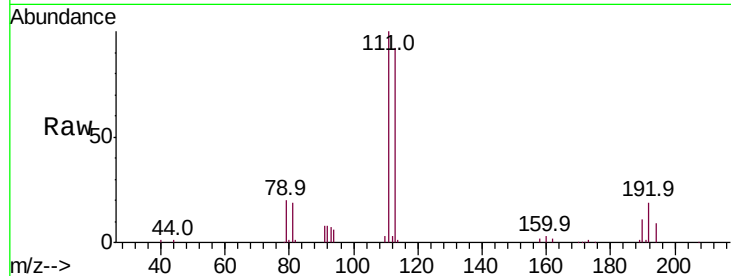




#35
 Dibromofluoromethane
 Concen: 54.546 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067579.D
 Acq: 10 Nov 2020 13:43

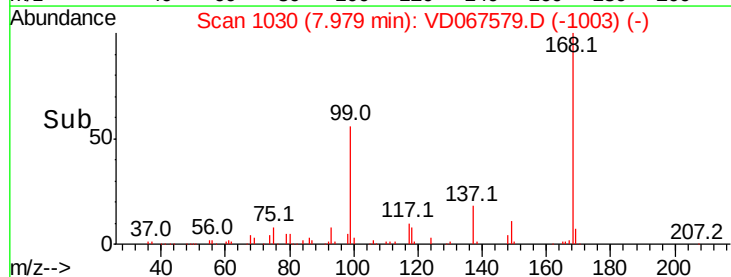
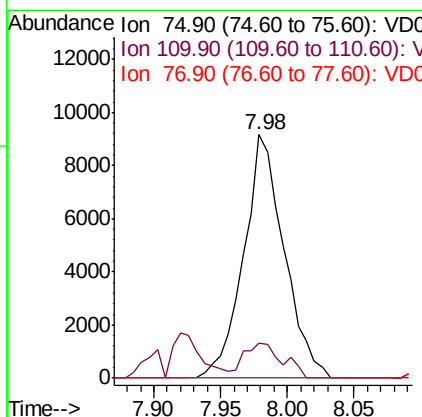
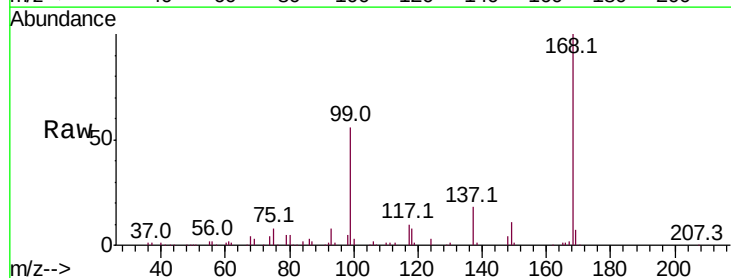
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-03-001-ABCD

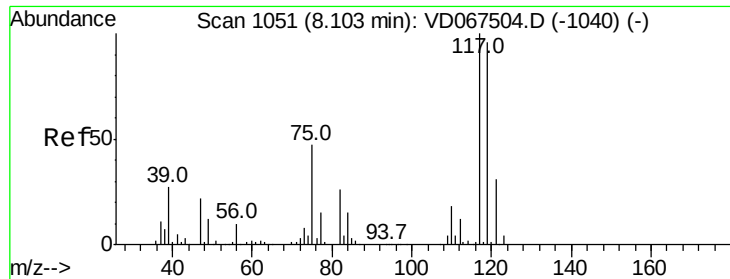
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.5	80.0	120.0
192	21.0	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 5.005 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067579.D
 Acq: 10 Nov 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	13.6	19.9	59.7#
77	0.0	24.8	37.2#

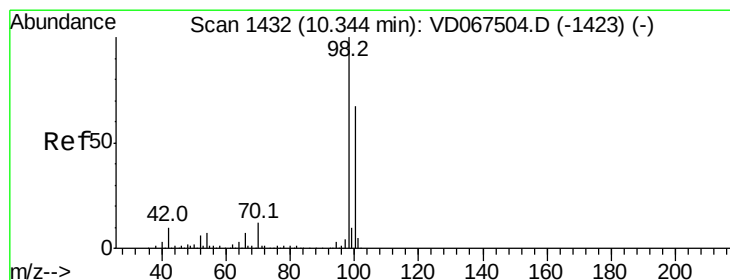
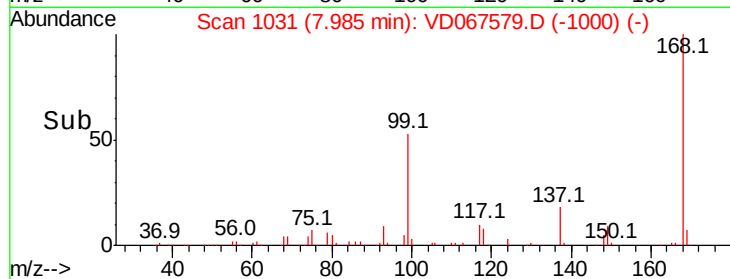
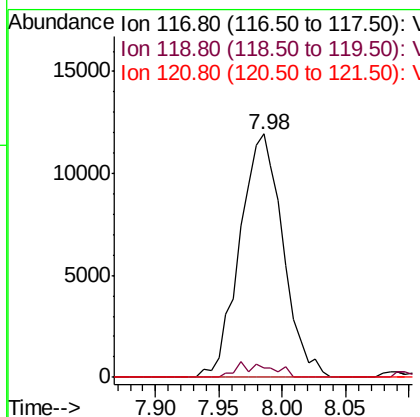
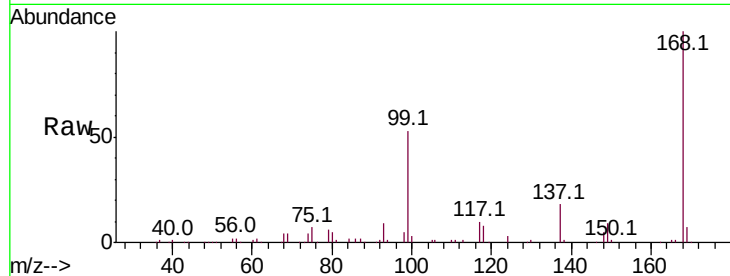




#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067579.D
Acq: 10 Nov 2020 13:43

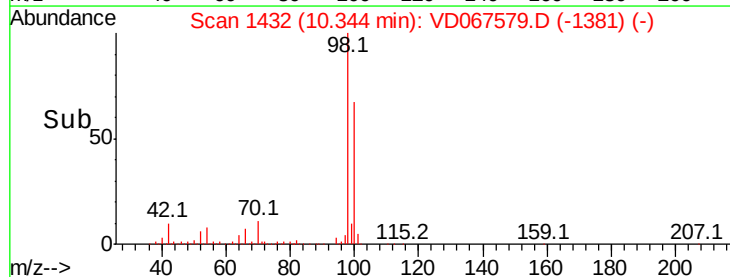
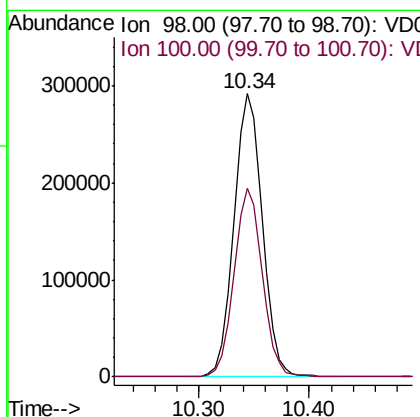
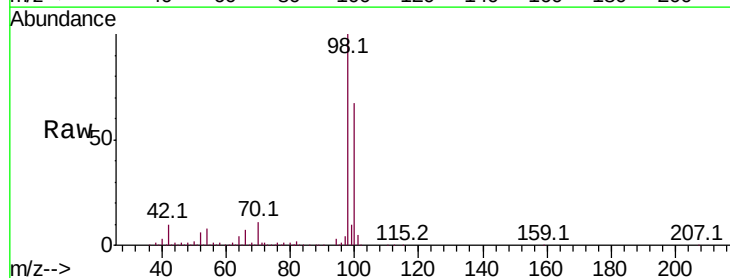
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-03-001-ABCD

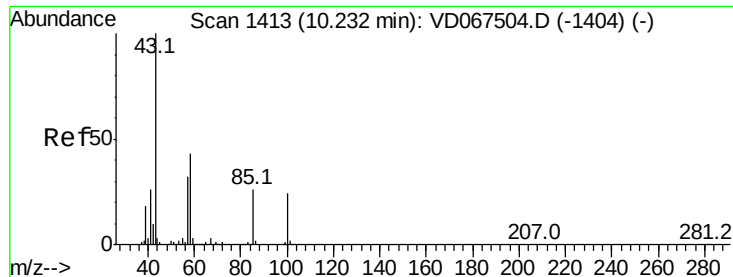
Tot Ion:117 Resp: 28221
Ion Ratio Lower Upper
117 100
119 4.1 76.9 115.3#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.804 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067579.D
Acq: 10 Nov 2020 13:43

Tgt Ion: 98 Resp: 529010
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 2.016 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD067579.D

Acq: 10 Nov 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

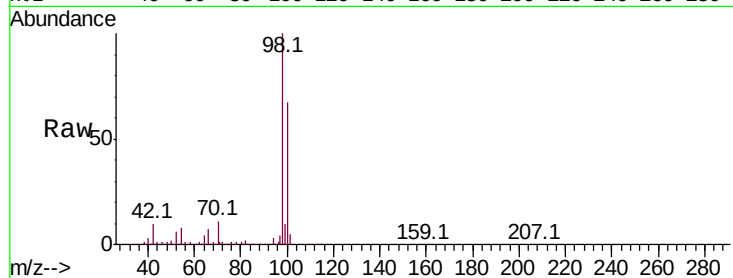
FK-EF-03-001-ABCD

Tot Ion: 43 Resp: 1897

Ion Ratio Lower Upper

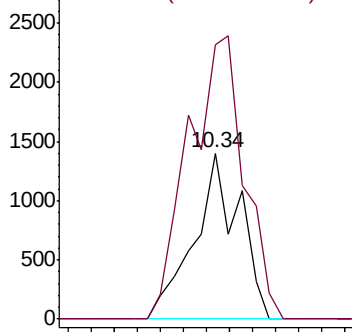
43 100

58 210.5 35.6 53.4#

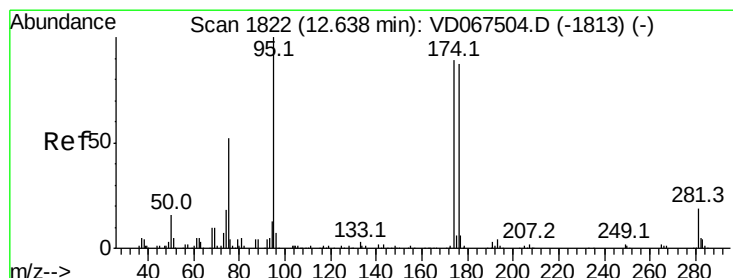
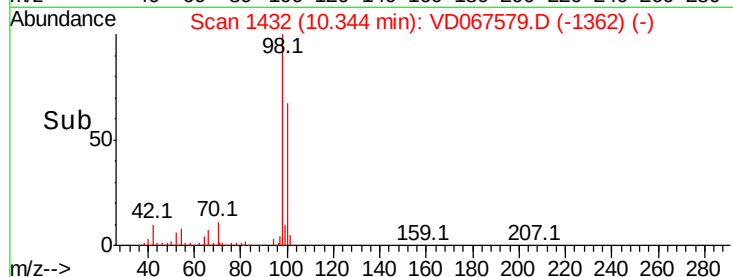


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 61.420 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067579.D

Acq: 10 Nov 2020 13:43

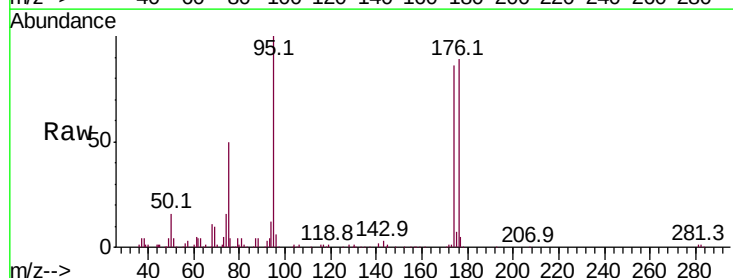
Tgt Ion: 95 Resp: 201016

Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.8

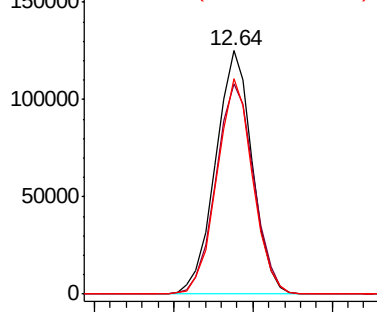
176 86.4 0.0 172.0



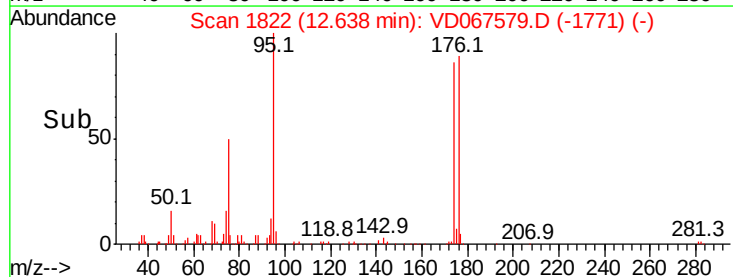
Abundance Ion 94.90 (94.60 to 95.60): VDC

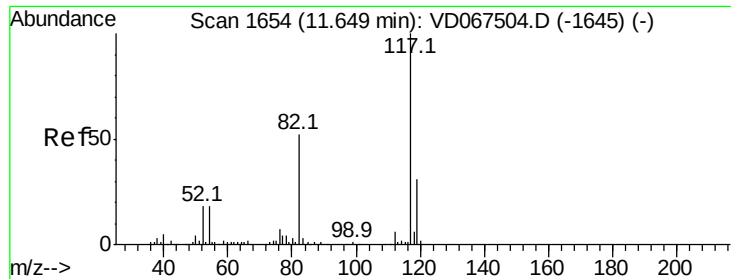
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

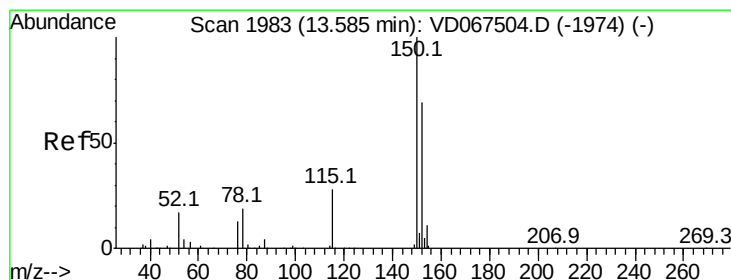
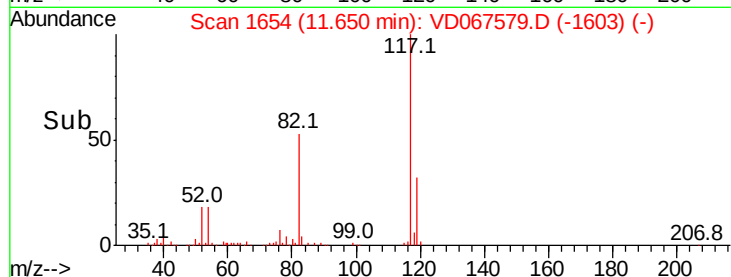
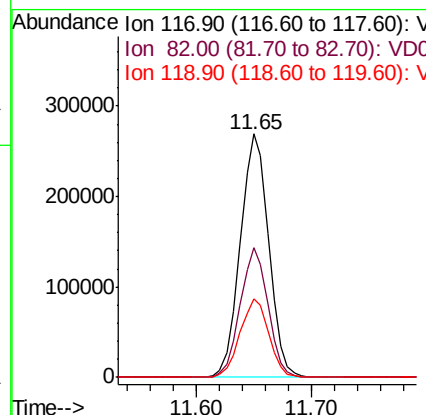
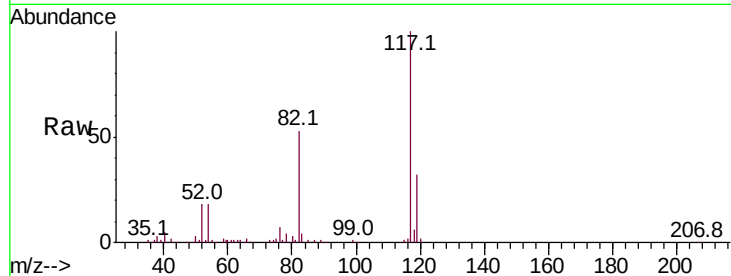




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067579.D
Acq: 10 Nov 2020 13:43

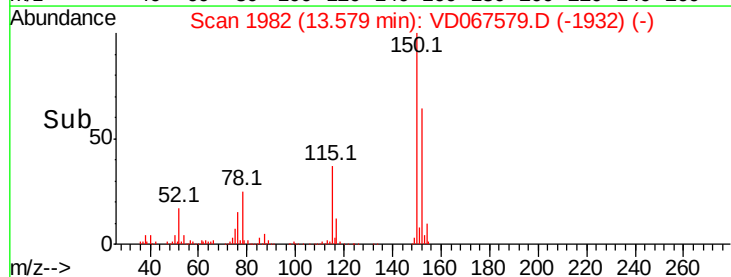
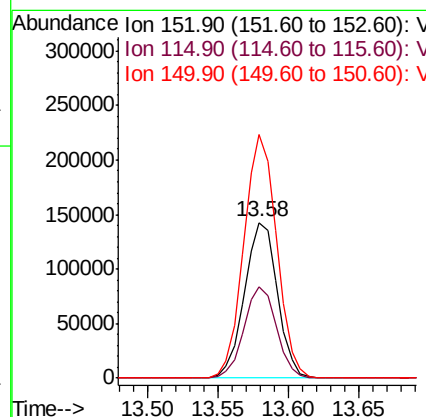
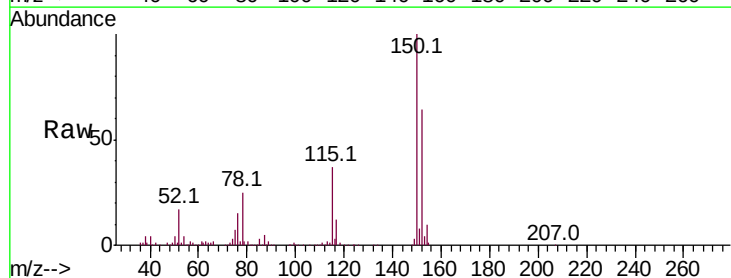
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FK-EF-03-001-ABCD

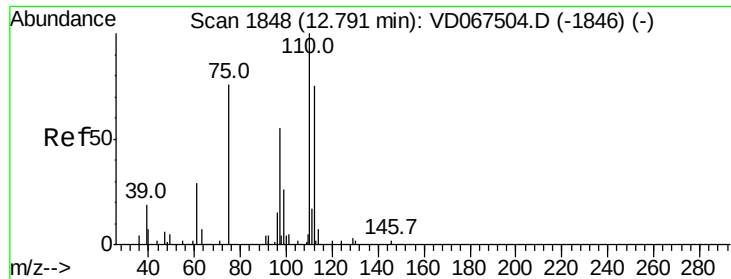
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.6	62.4
119	32.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067579.D
Acq: 10 Nov 2020 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	88.0
150	156.6	0.0	338.2

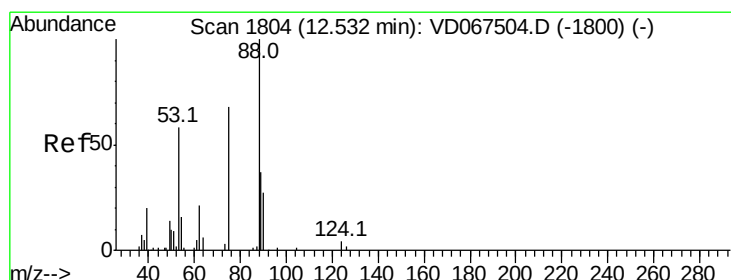
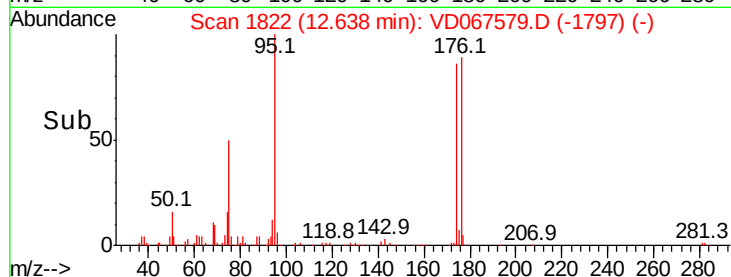
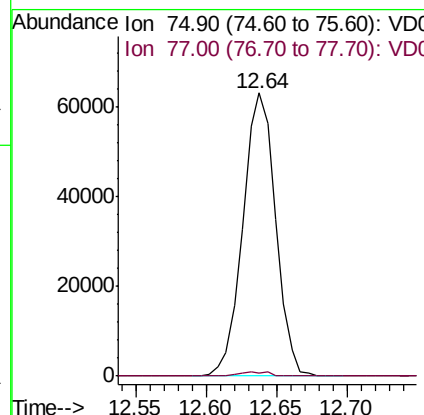
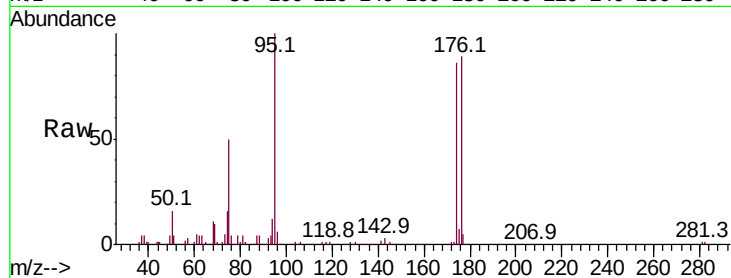




#76
 1,2,3-Trichloropropane
 Concen: 72.995 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067579.D
 Acq: 10 Nov 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-03-001-ABCD

Tot Ion: 75 Resp: 102421
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.199 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067579.D
 Acq: 10 Nov 2020 13:43

Tgt Ion: 75 Resp: 102421
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.9 113.9#
 89 0.0 44.6 67.0#

