

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
 Data File : VD068363.D
 Acq On : 15 Feb 2021 15:11
 Operator : VA/SY
 Sample : M1402-04
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:16:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

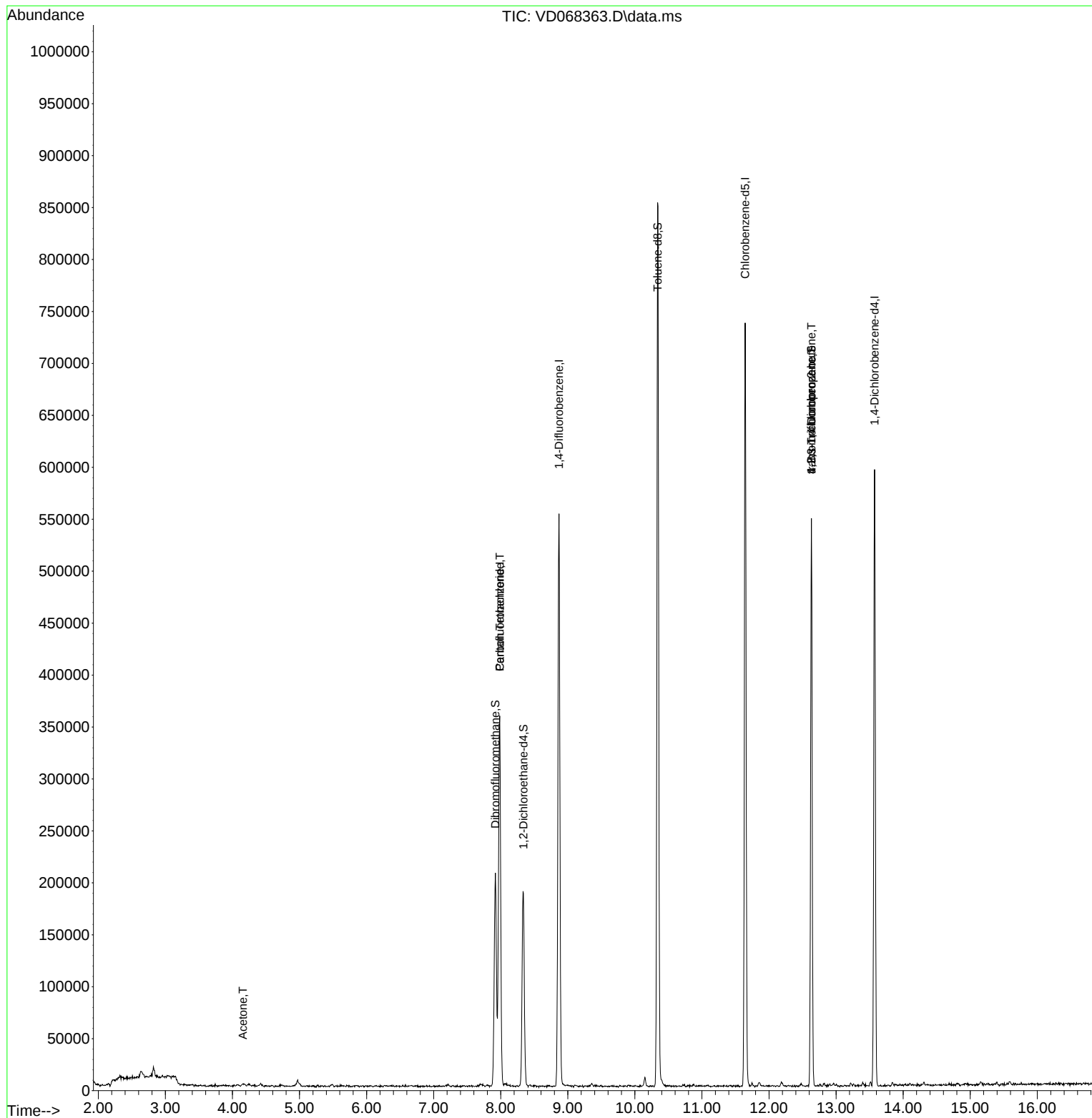
Internal Standards						
1) Pentafluorobenzene	7.985	168	266680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	494915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	429649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	162120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	155905	57.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.38%
35) Dibromofluoromethane	7.920	113	145730	49.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.22%
50) Toluene-d8	10.338	98	601017	49.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.72%
62) 4-Bromofluorobenzene	12.632	95	174640	44.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.06%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	3634	8.64	ug/l #	89
20) Methylene Chloride	4.968	84	3823	Below Cal		96
31) Cyclohexane	7.979	56	6814	Below Cal	#	31
38) Carbon Tetrachloride	7.985	117	27430	6.57	ug/l #	13
76) 1,2,3-Trichloropropane	12.632	75	88616	57.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	88616	143.98	ug/l #	13

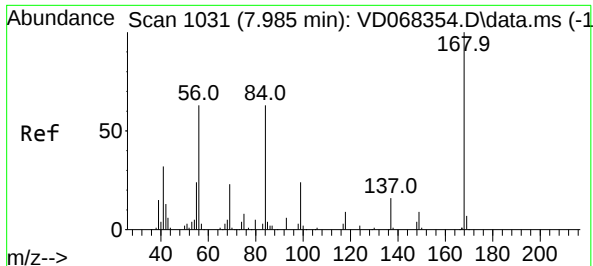
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Feb 16 00:16:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

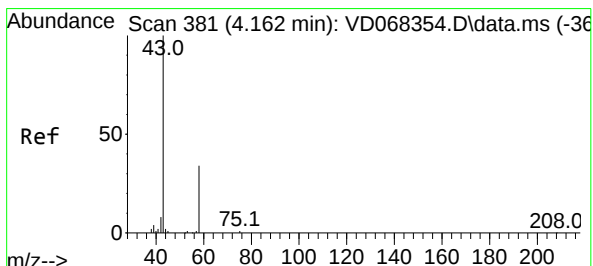
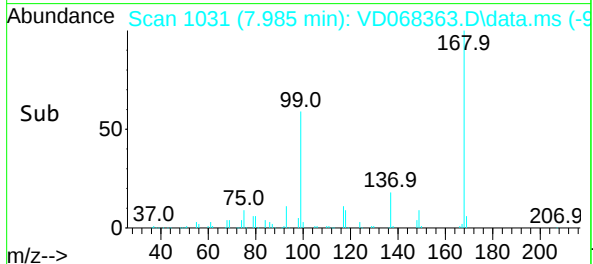
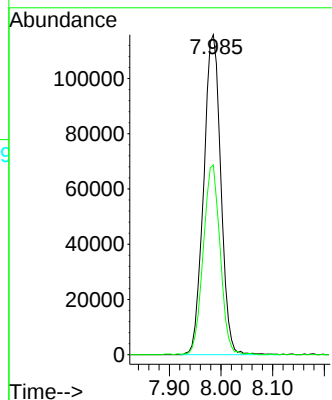
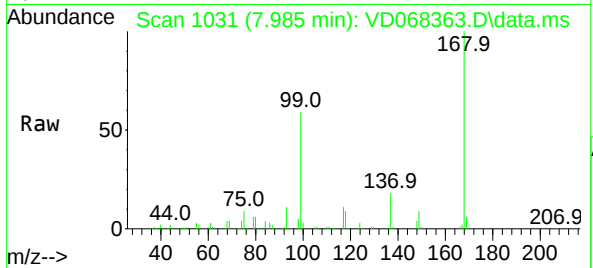




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

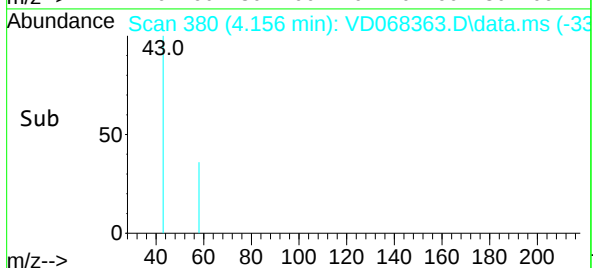
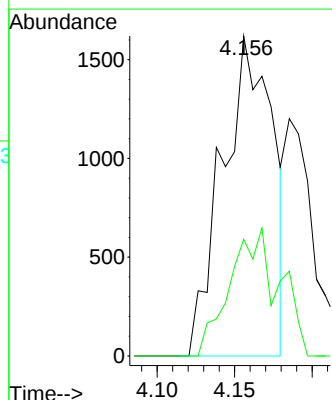
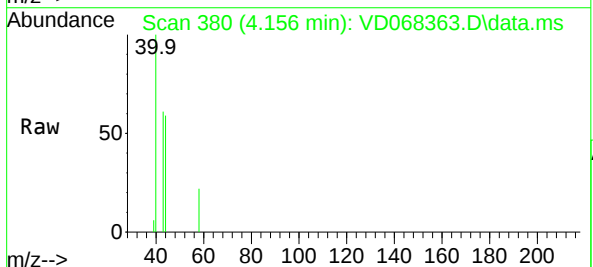
Instrument :
MSVOA_D
ClientSampleId :

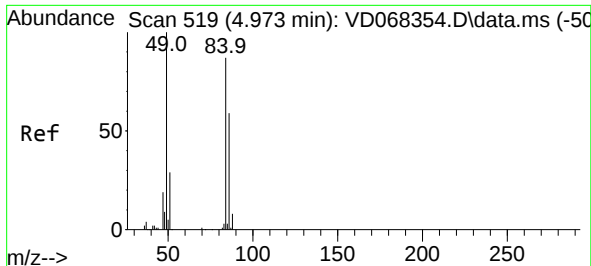
Tgt Ion:168 Resp: 266680
Ion Ratio Lower Upper
168 100
99 59.3 43.5 65.3



#16
Acetone
Concen: 8.64 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

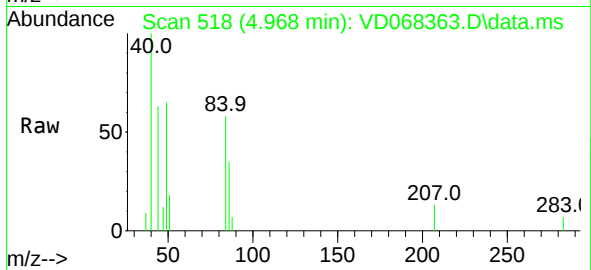
Tgt Ion: 43 Resp: 3634
Ion Ratio Lower Upper
43 100
58 36.4 24.2 36.4#





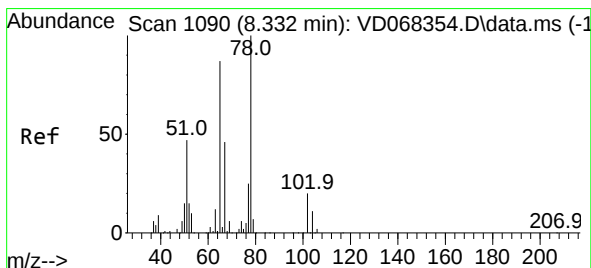
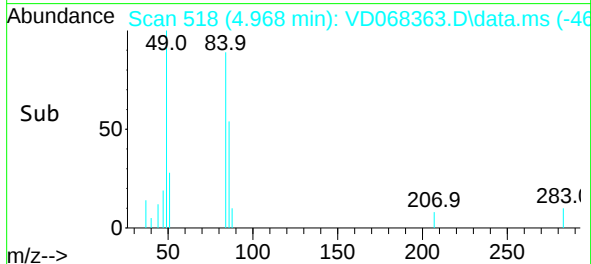
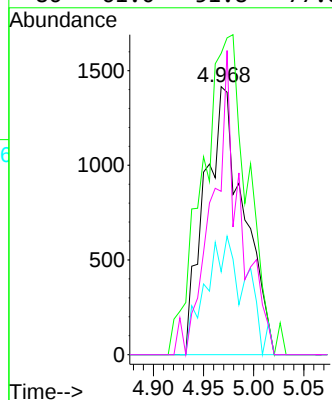
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 3823

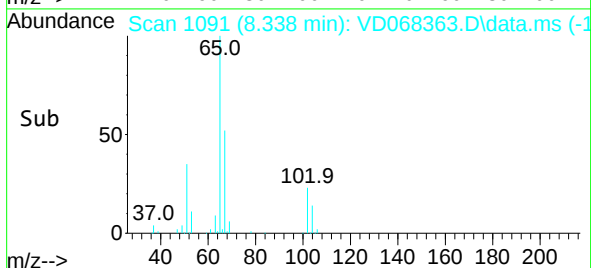
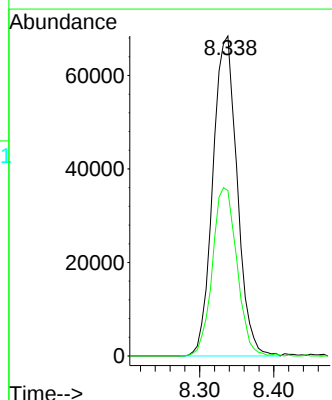
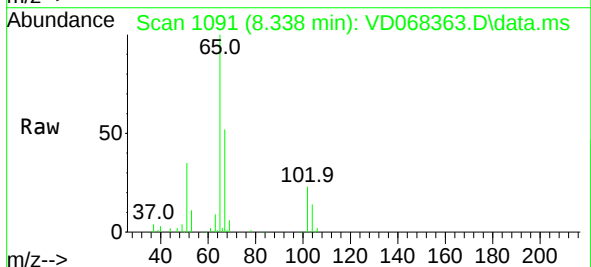
Ion	Ratio	Lower	Upper
84	100		
49	100.6	77.4	116.2
51	31.0	26.1	39.1
86	61.0	51.8	77.8

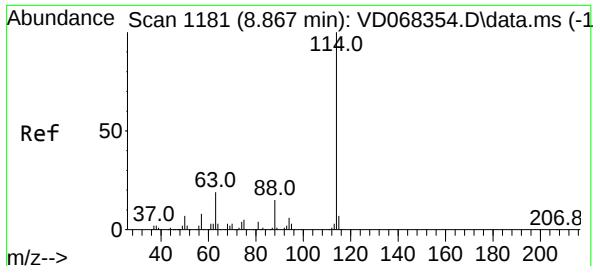


#33
1,2-Dichloroethane-d4
Concen: 57.19 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Tgt Ion: 65 Resp: 155905

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0

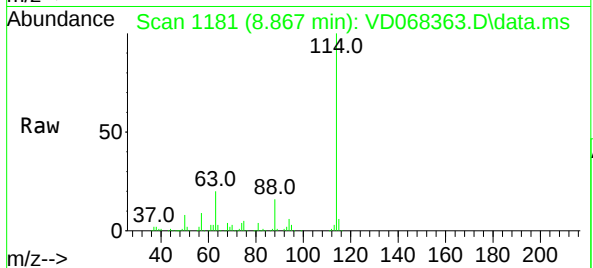




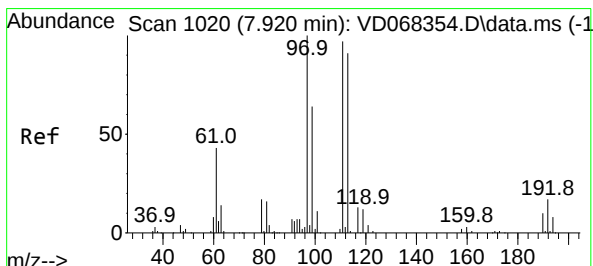
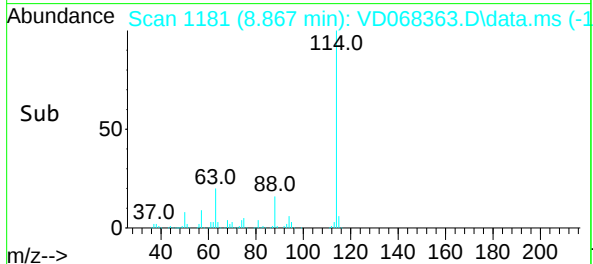
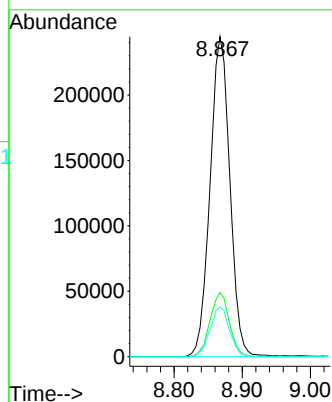
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampled :

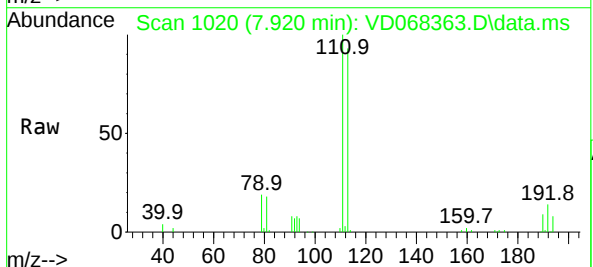


Tgt Ion:	114	Resp:	494915
Ion Ratio	100	Lower	Upper
63	20.0	0.0	34.8
88	15.6	0.0	31.6

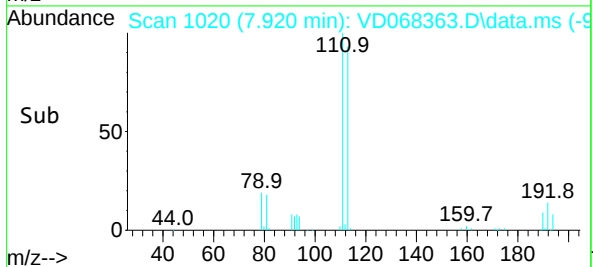
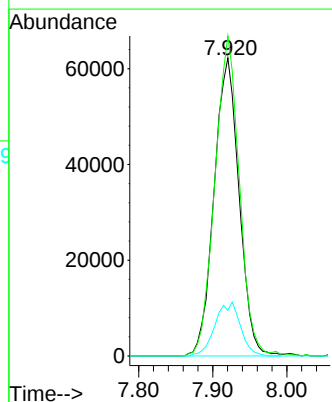


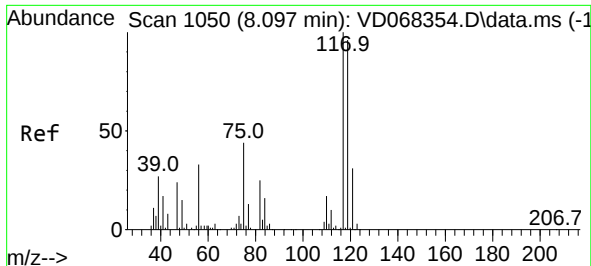
#35

Dibromofluoromethane
Concen: 49.61 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11



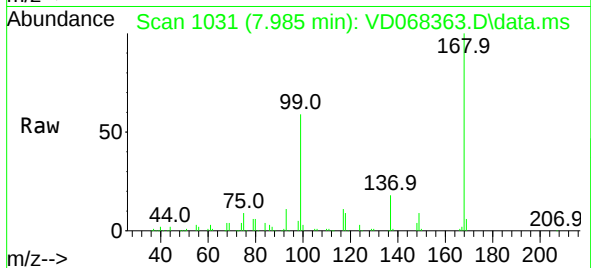
Tgt Ion:	113	Resp:	145730
Ion Ratio	100	Lower	Upper
111	105.3	81.4	122.0
192	18.4	16.1	24.1



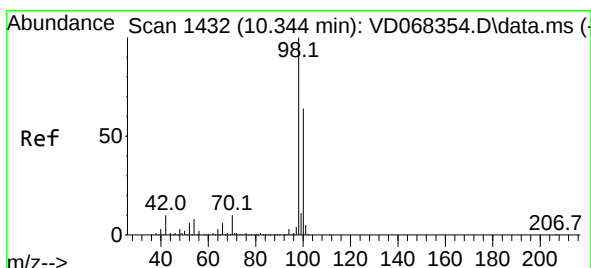
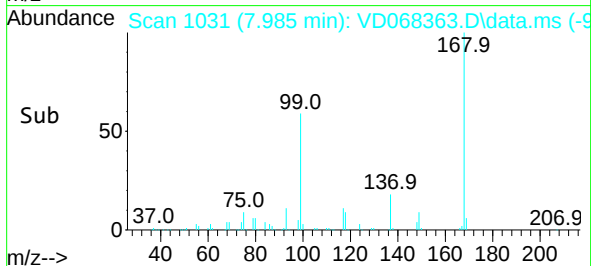
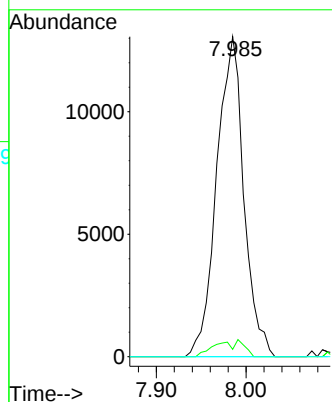


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :

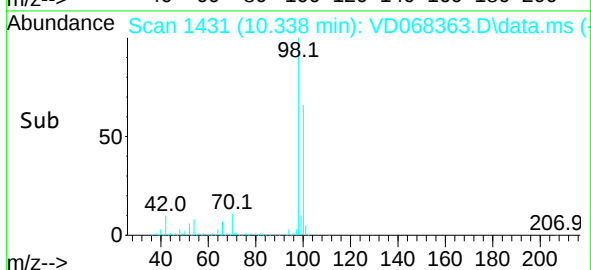
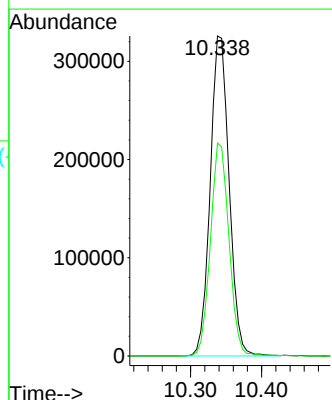
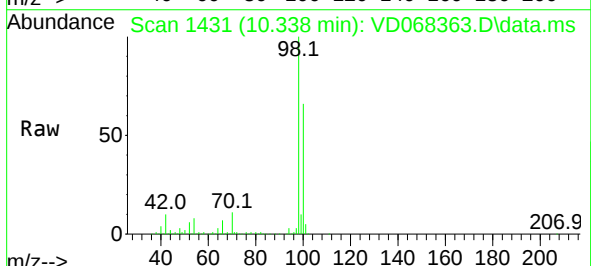


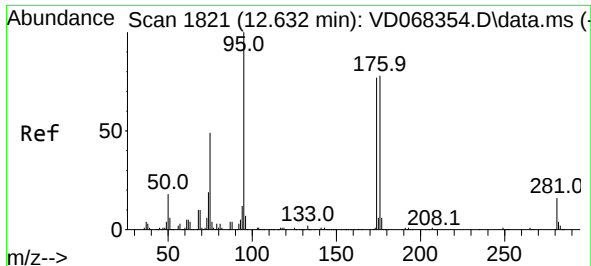
Tgt Ion:117 Resp: 27430
Ion Ratio Lower Upper
117 100
119 2.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Tgt Ion: 98 Resp: 601017
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

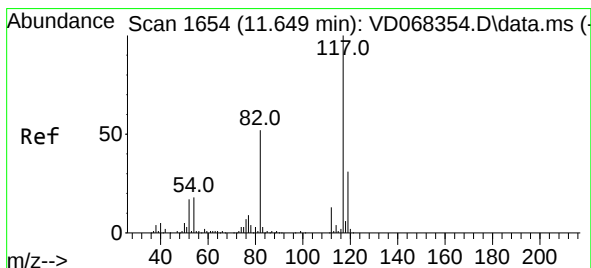
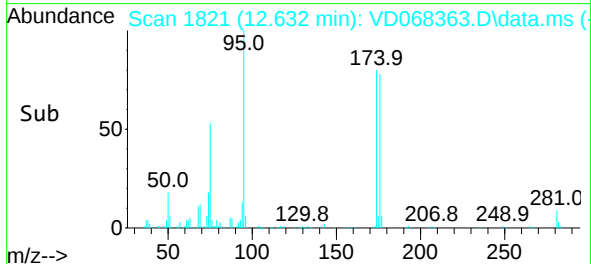
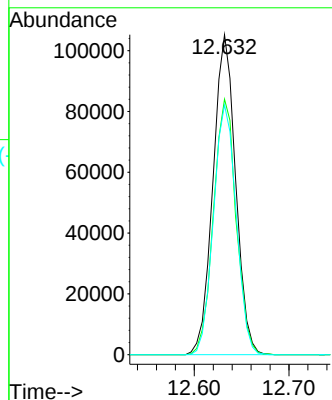
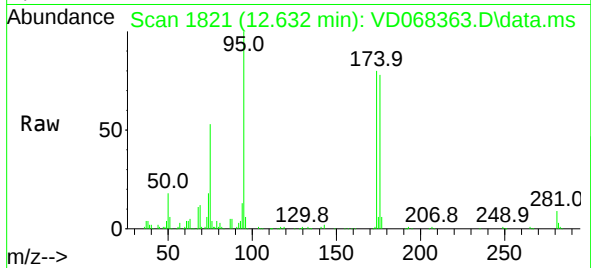




#62
4-Bromofluorobenzene
Concen: 44.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

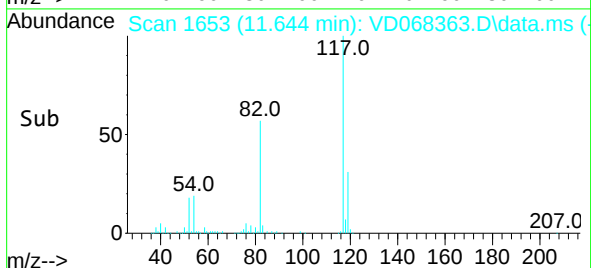
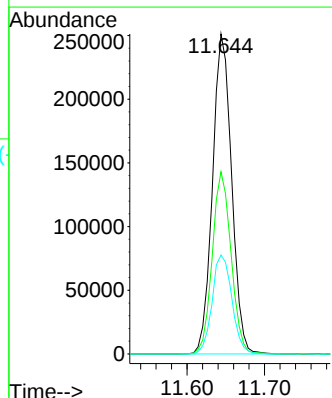
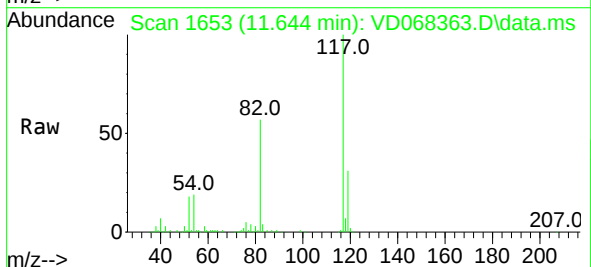
Instrument :
MSVOA_D
ClientSampled :

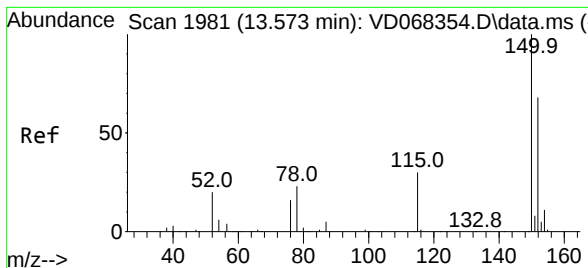
Tgt Ion: 95 Resp: 174640
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 78.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Tgt Ion:117 Resp: 429649
Ion Ratio Lower Upper
117 100
82 57.0 41.4 62.0
119 30.9 26.1 39.1

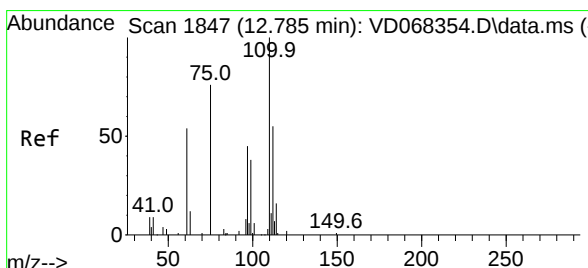
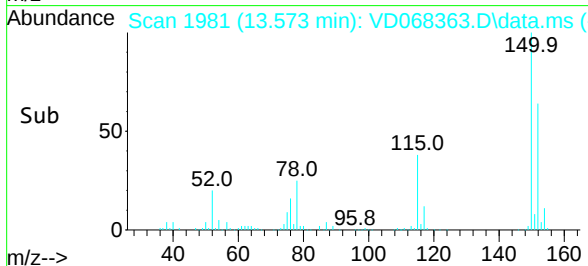
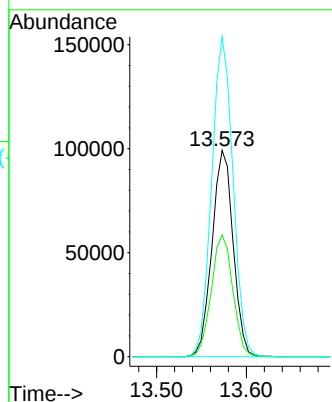
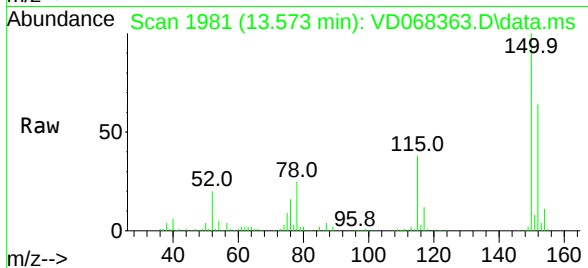




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068363.D
 Acq: 15 Feb 2021 15:11

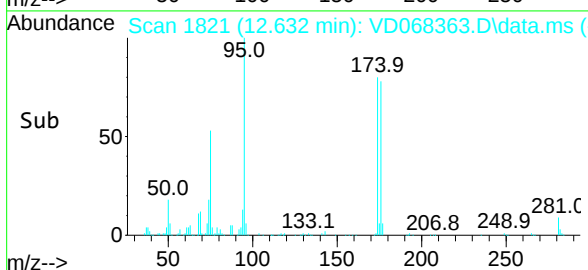
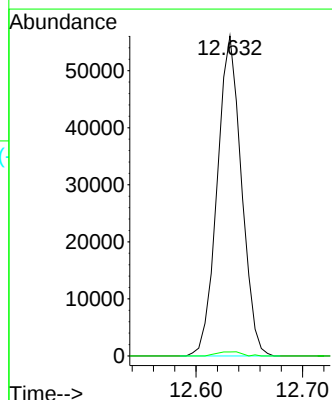
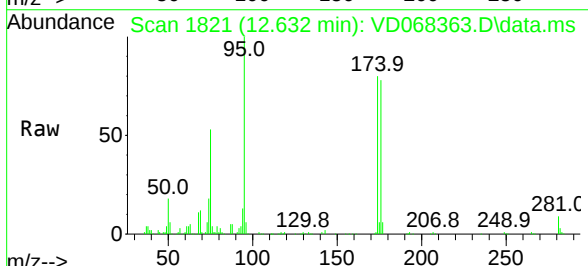
Instrument :
 MSVOA_D
 ClientSampled :

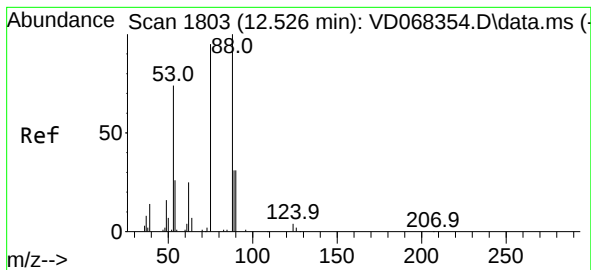
Tgt Ion:152 Resp: 162120
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.8
 150 155.8 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 57.44 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068363.D
 Acq: 15 Feb 2021 15:11

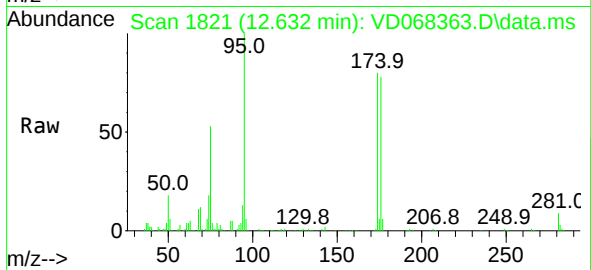
Tgt Ion: 75 Resp: 88616
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 143.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068363.D
Acq: 15 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.2	105.2#
89	0.0	40.3	60.5#

