

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068437.D
 Acq On : 24 Feb 2021 15:38
 Operator : VA/SY
 Sample : M1477-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 00:11:45 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)

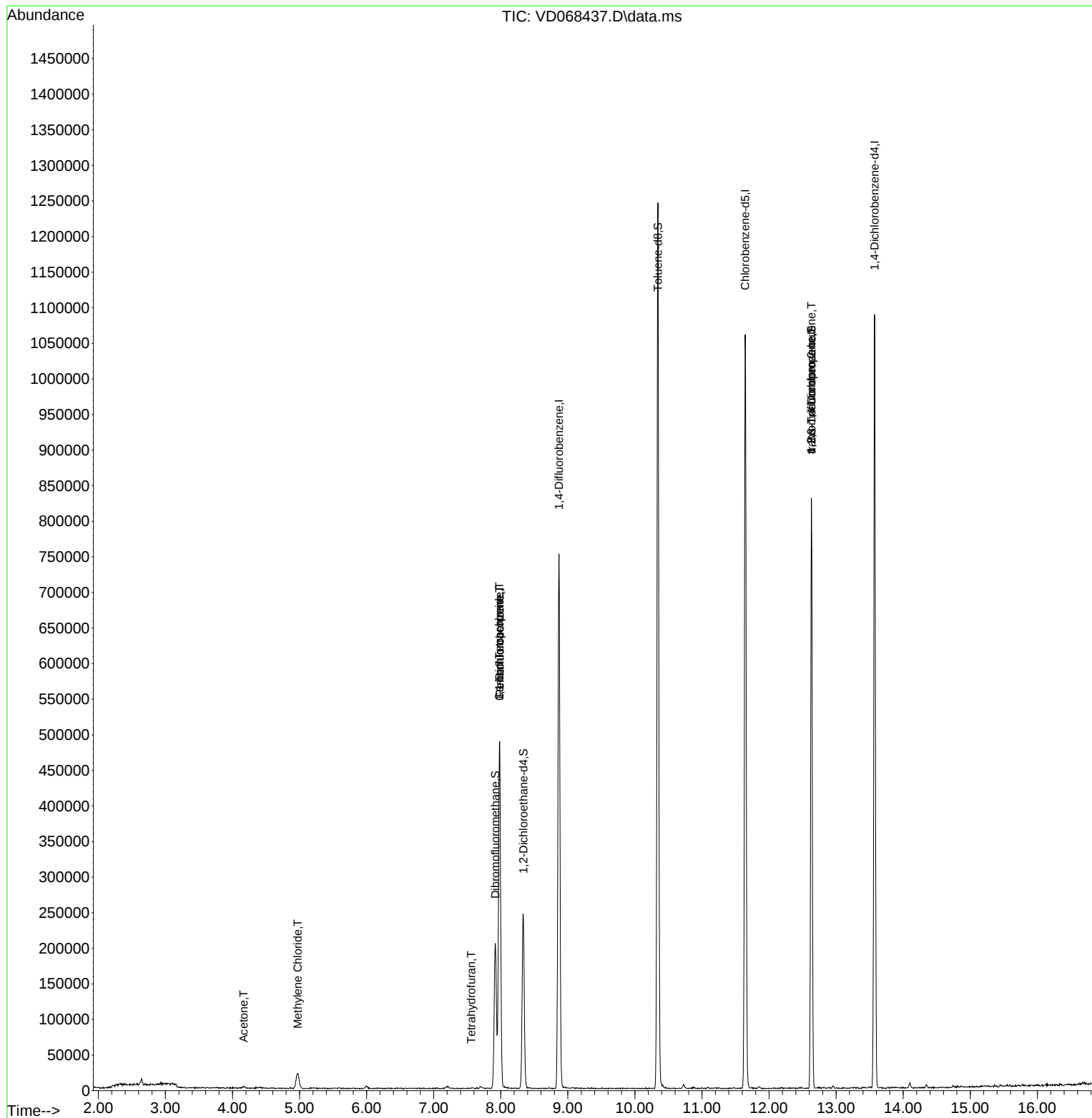
Internal Standards						
1) Pentafluorobenzene	7.985	168	365226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	686228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	649889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	285569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	194531	52.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.20%
35) Dibromofluoromethane	7.920	113	146995	36.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.18%
50) Toluene-d8	10.344	98	880974	52.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.36%
62) 4-Bromofluorobenzene	12.632	95	274597	49.93	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.86%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	3498	6.07	ug/l #	87
20) Methylene Chloride	4.973	84	17716	1.48	ug/l	90
29) Tetrahydrofuran	7.561	42	522	1.00	ug/l #	35
31) Cyclohexane	7.985	56	7869	Below Cal	#	1
36) 1,1-Dichloropropene	7.979	75	30025	4.95	ug/l #	46
38) Carbon Tetrachloride	7.979	117	37952	6.55	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	139436	51.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	139436	128.62	ug/l #	13

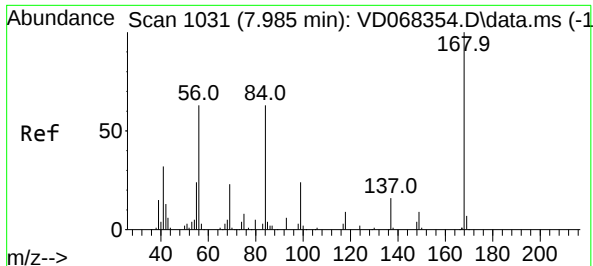
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

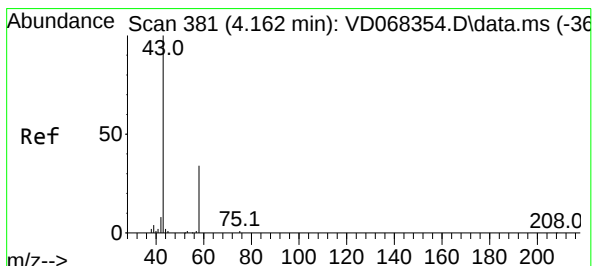
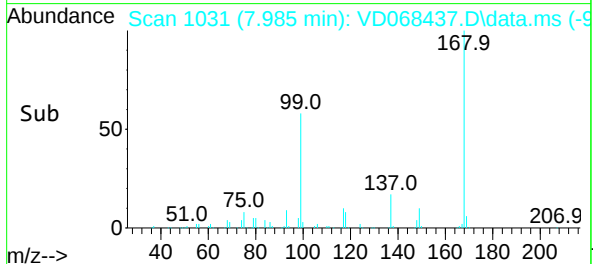
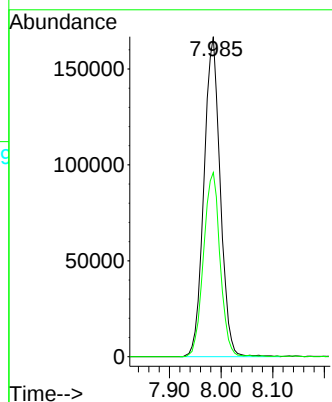
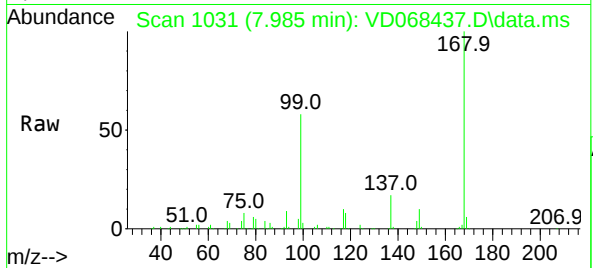




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

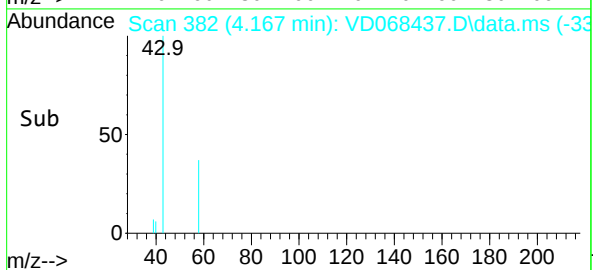
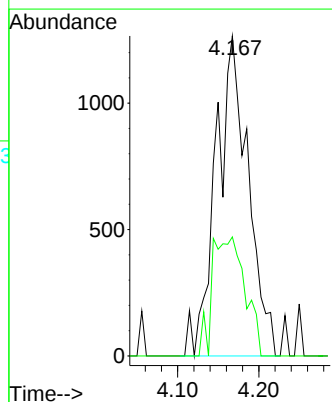
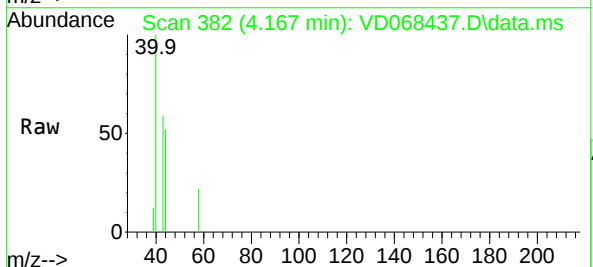
Instrument :
MSVOA_D
ClientSampleId :

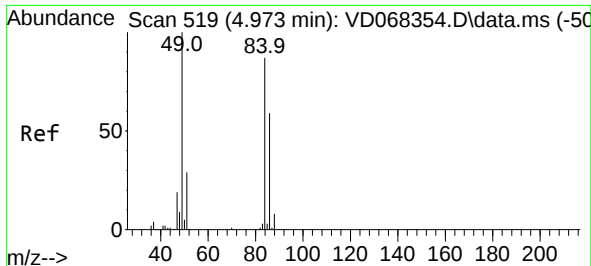
Tgt Ion:168 Resp: 365226
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#16
Acetone
Concen: 6.07 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

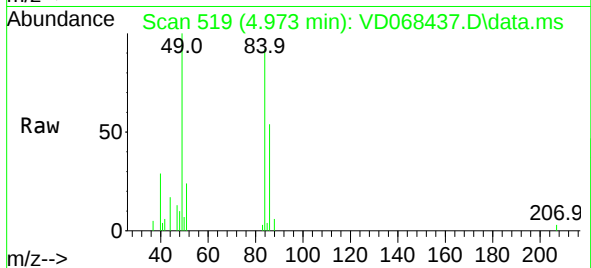
Tgt Ion: 43 Resp: 3498
Ion Ratio Lower Upper
43 100
58 37.2 24.2 36.4#





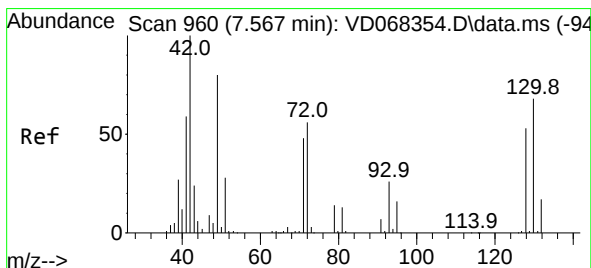
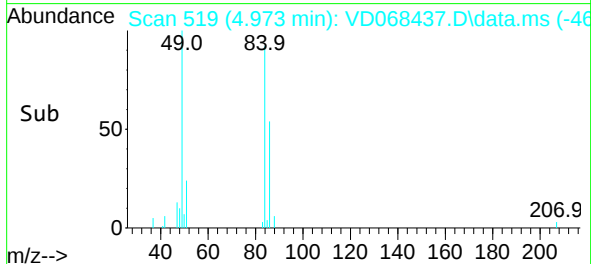
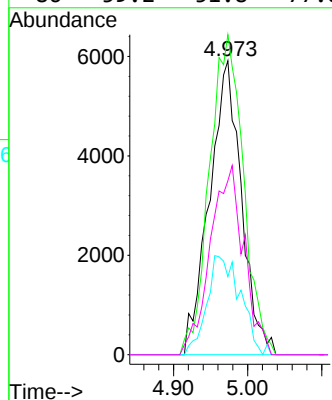
#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 17716

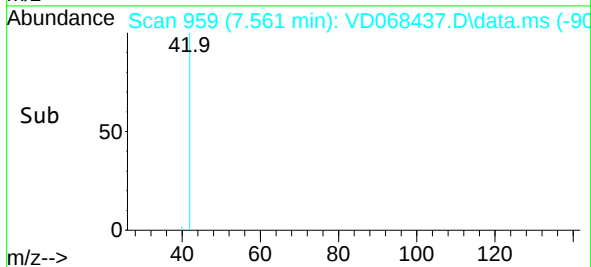
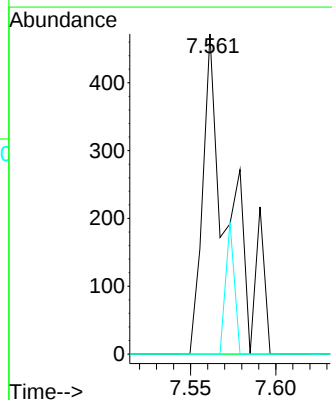
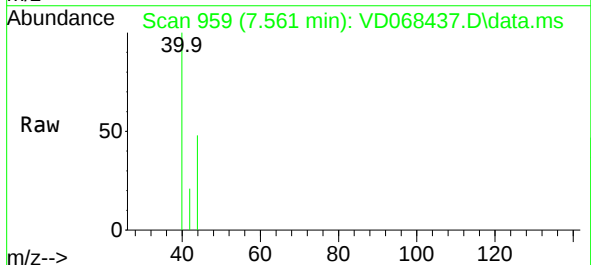
Ion	Ratio	Lower	Upper
84	100		
49	108.9	77.4	116.2
51	26.6	26.1	39.1
86	59.2	51.8	77.8

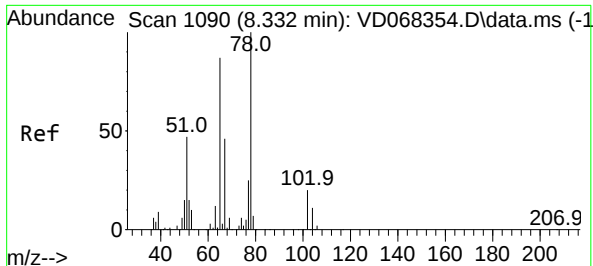


#29
Tetrahydrofuran
Concen: 1.00 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion: 42 Resp: 522

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.4	65.0#
71	13.2	40.8	61.2#

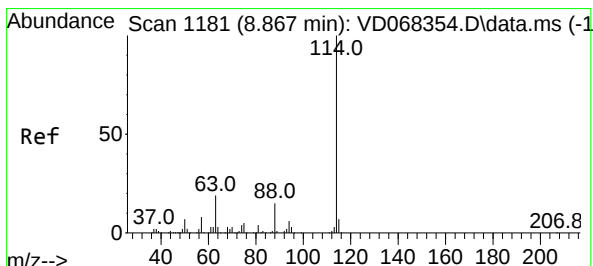
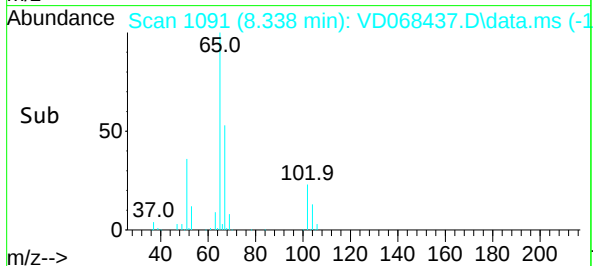
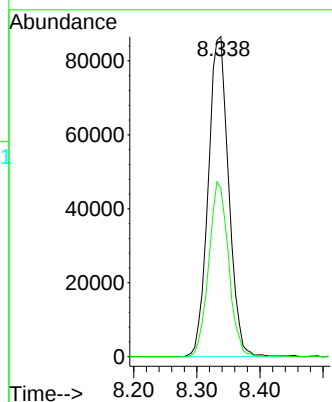
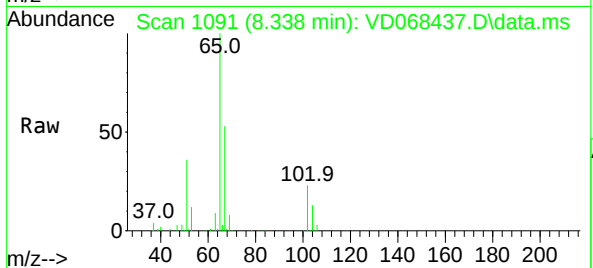




#33
 1,2-Dichloroethane-d4
 Concen: 52.10 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD068437.D
 Acq: 24 Feb 2021 15:38

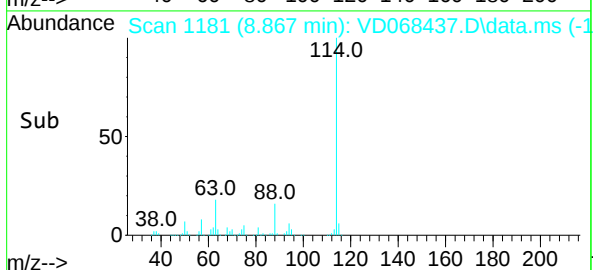
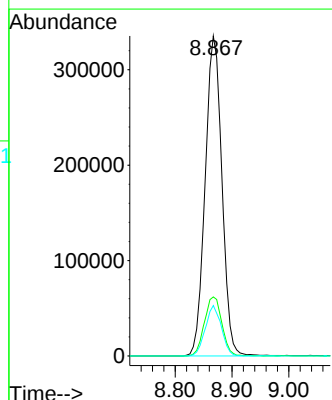
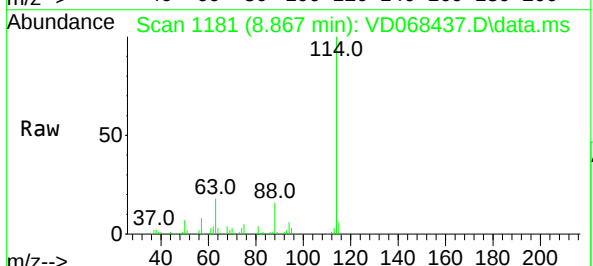
Instrument :
 MSVOA_D
 ClientSampled :

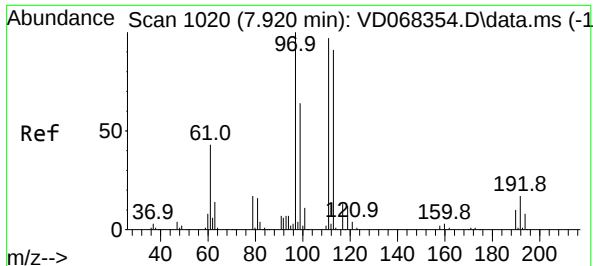
Tgt Ion: 65 Resp: 194531
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068437.D
 Acq: 24 Feb 2021 15:38

Tgt Ion: 114 Resp: 686228
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.8
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 36.09 ug/l

RT: 7.920 min Scan# 1020

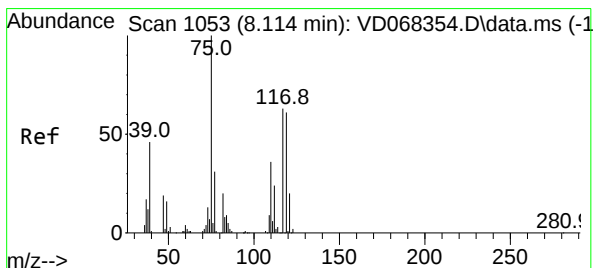
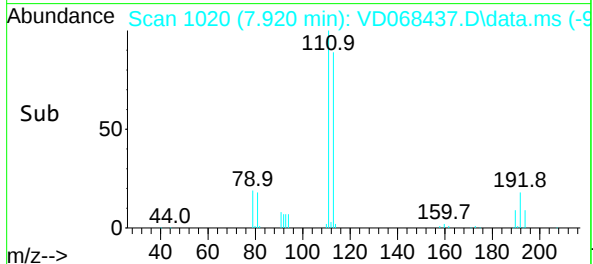
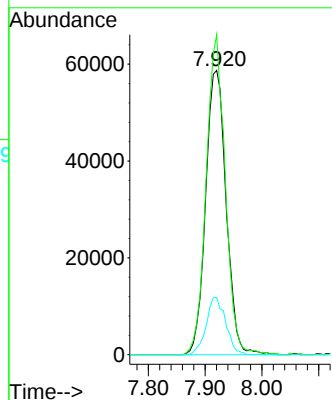
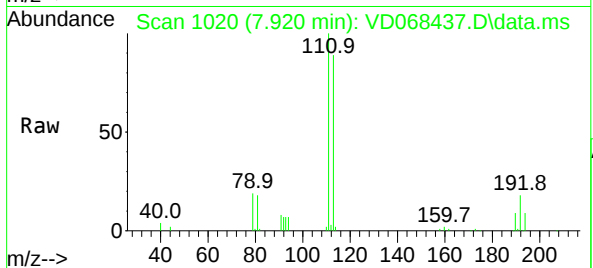
Delta R.T. -0.000 min

Lab File: VD068437.D

Acq: 24 Feb 2021 15:38

Tgt Ion:	113	Resp:	146995
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	19.1	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.95 ug/l

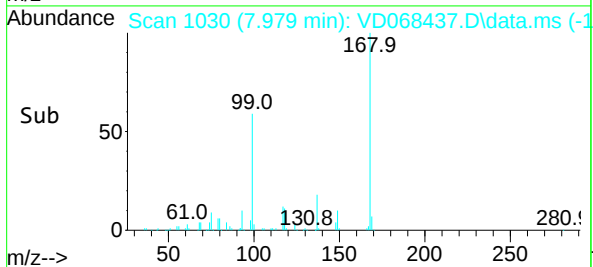
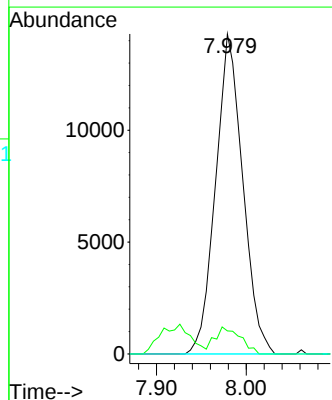
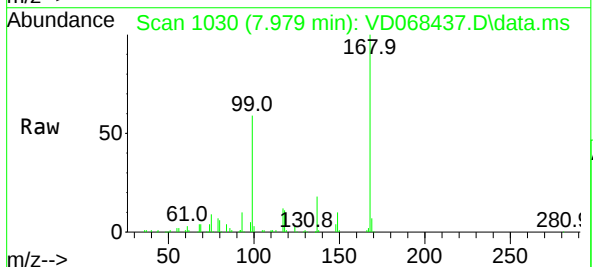
RT: 7.979 min Scan# 1030

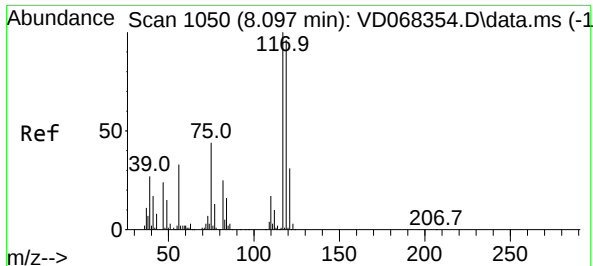
Delta R.T. -0.135 min

Lab File: VD068437.D

Acq: 24 Feb 2021 15:38

Tgt Ion:	75	Resp:	30025
Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.4	58.2#
77	0.0	25.3	37.9#

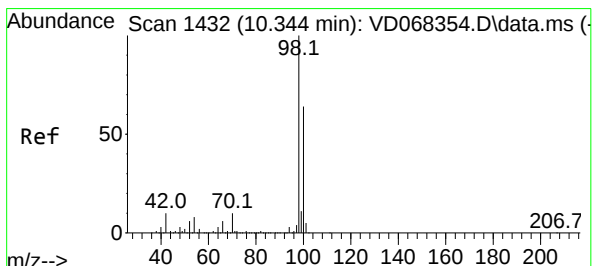
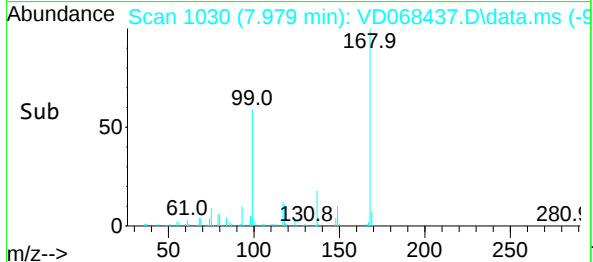
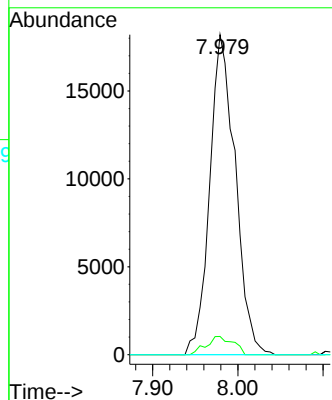
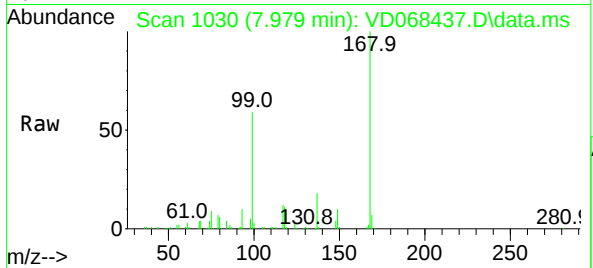




#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

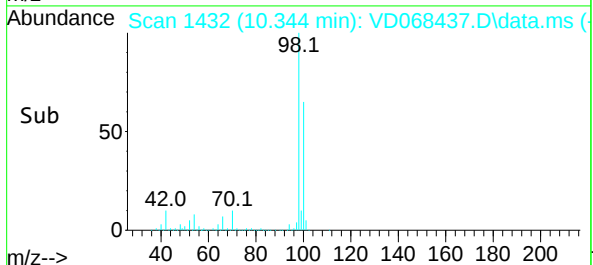
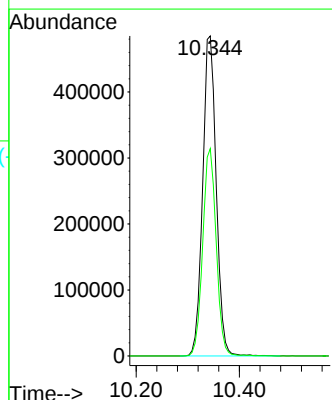
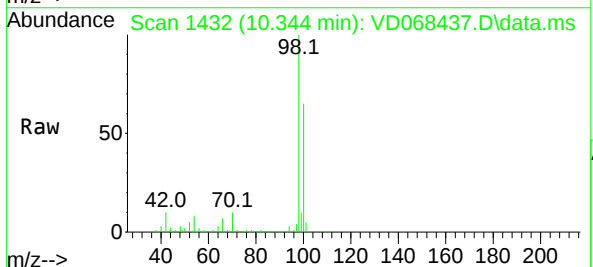
Instrument :
MSVOA_D
ClientSampleId :

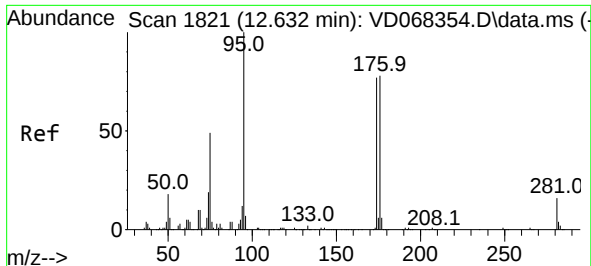
Tgt Ion:117 Resp: 37952
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion: 98 Resp: 880974
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

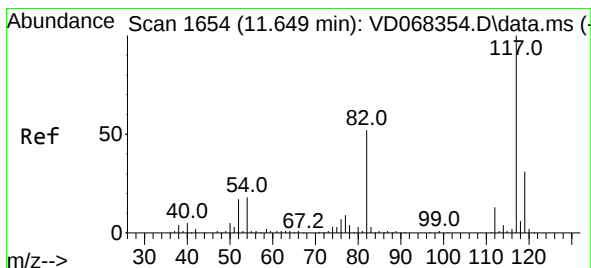
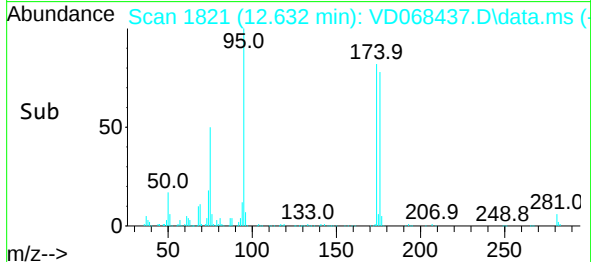
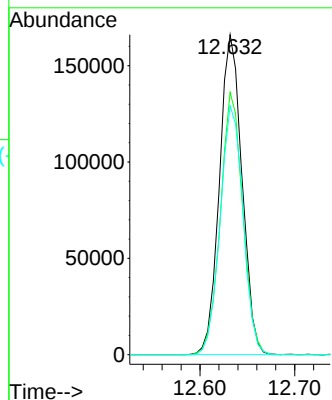
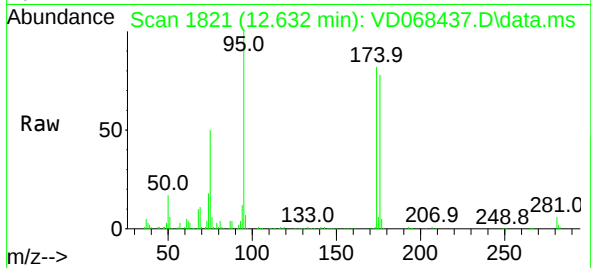




#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

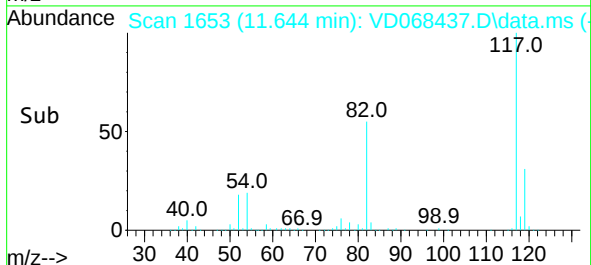
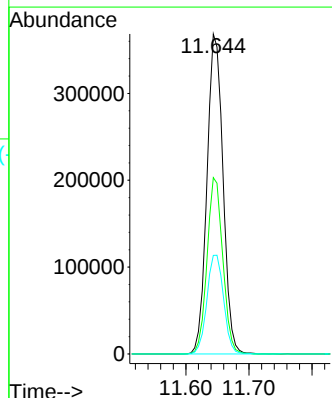
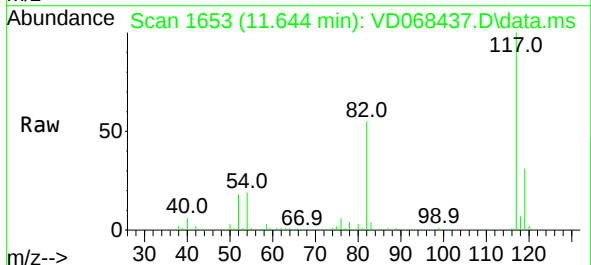
Instrument :
MSVOA_D
ClientSampleId :

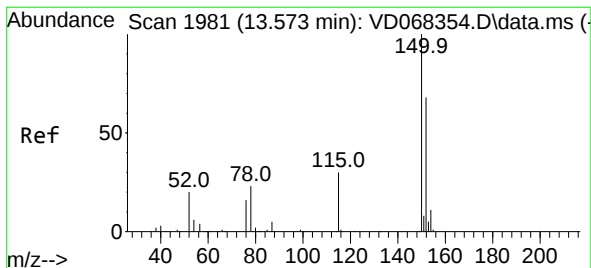
Tgt Ion:	95	Resp:	274597
Ion Ratio	Lower	Upper	
95	100		
174	81.3	0.0	172.4
176	78.8	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

Tgt Ion:	117	Resp:	649889
Ion Ratio	Lower	Upper	
117	100		
82	55.1	41.4	62.0
119	30.8	26.1	39.1

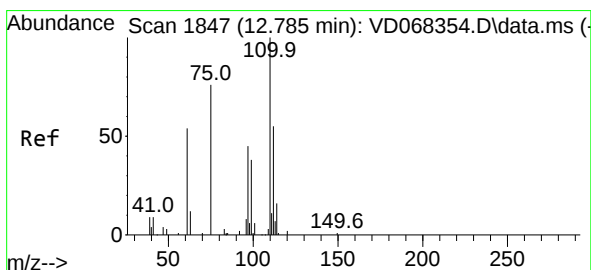
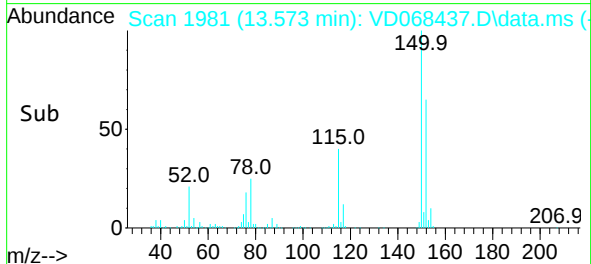
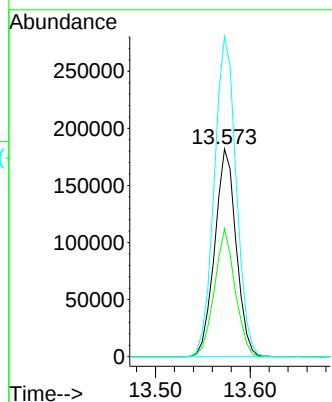
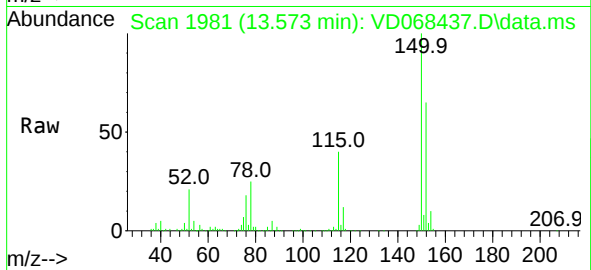




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

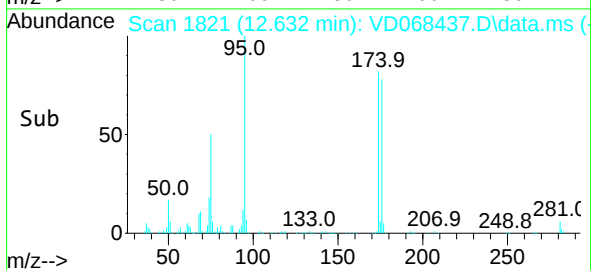
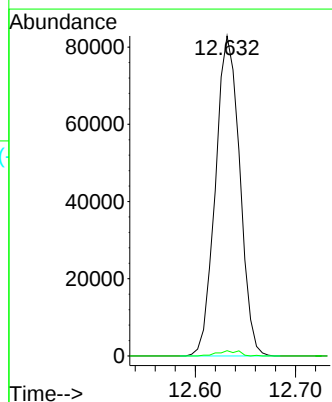
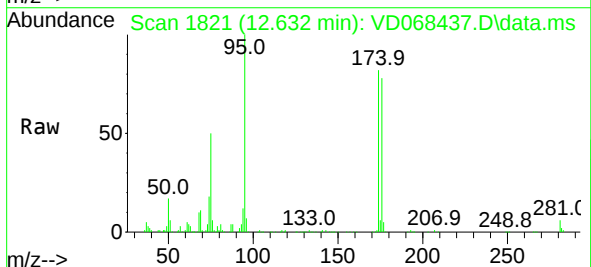
Instrument :
MSVOA_D
ClientSampled :

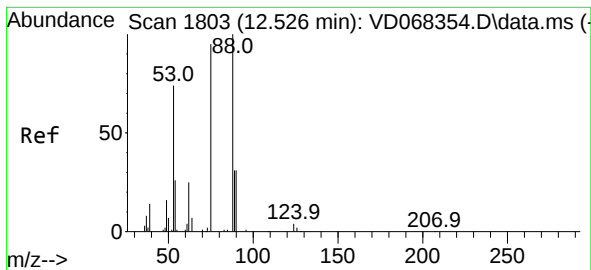
Tgt Ion:152 Resp: 285569
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 158.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068437.D
Acq: 24 Feb 2021 15:38

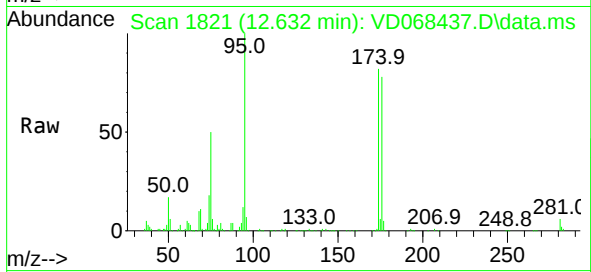
Tgt Ion: 75 Resp: 139436
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.62 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068437.D
 Acq: 24 Feb 2021 15:38

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 139436
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

