

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068401.D
 Acq On : 19 Feb 2021 15:38
 Operator : VA/SY
 Sample : M1452-05
 Misc : 6.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 19 23:31:24 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)

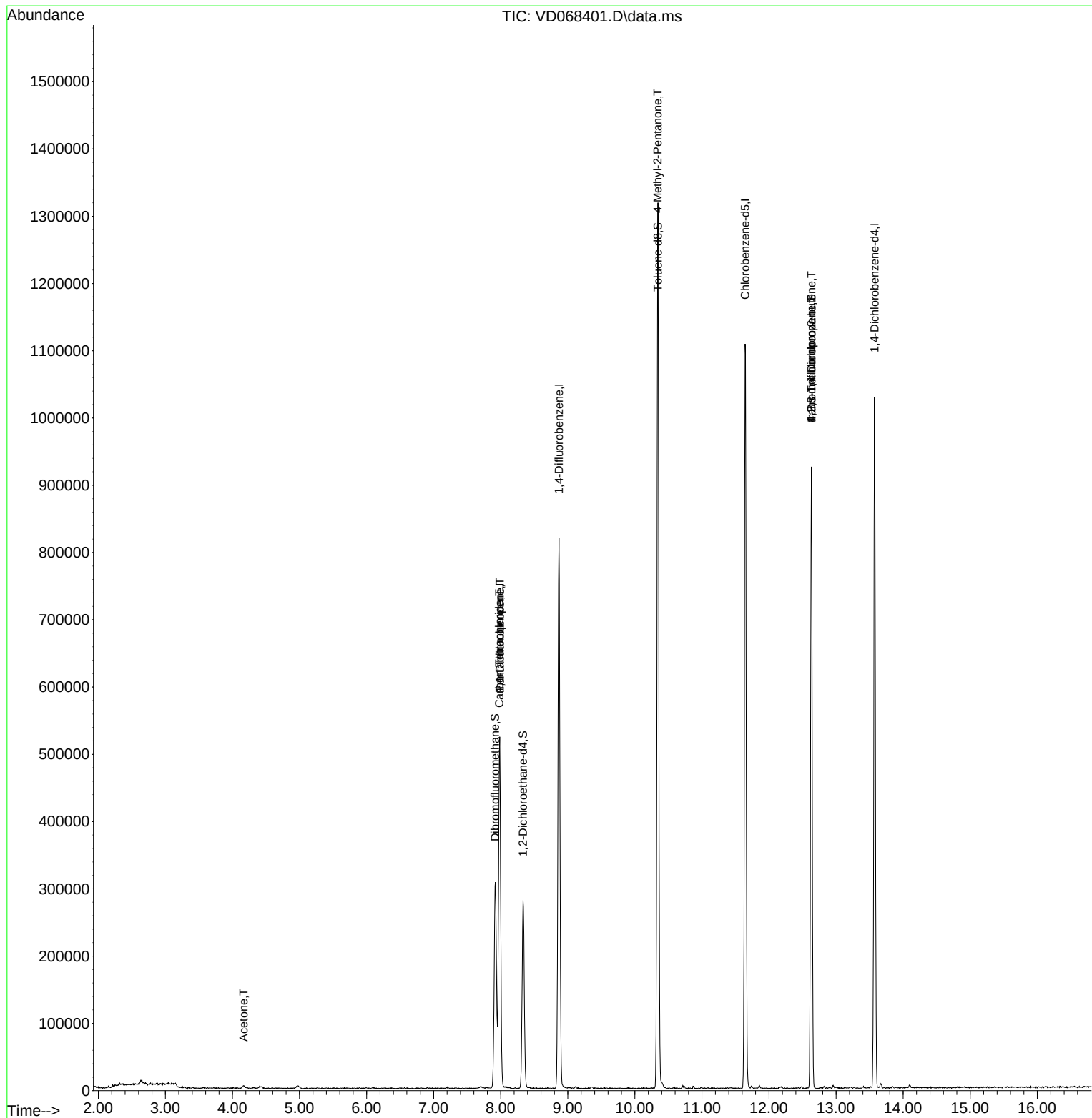
Internal Standards						
1) Pentafluorobenzene	7.985	168	386069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	740790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	673837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	271607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	221919	56.23	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.46%			
35) Dibromofluoromethane	7.914	113	226537	51.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.04%			
50) Toluene-d8	10.344	98	933414	51.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.44%			
62) 4-Bromofluorobenzene	12.632	95	280110	47.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.36%			
Target Compounds						
16) Acetone	4.167	43	7071	11.61	ug/l #	77
20) Methylene Chloride	4.973	84	3148	Below Cal	#	91
31) Cyclohexane	7.979	56	9041	Below Cal	#	30
36) 1,1-Dichloropropene	7.985	75	32053	4.89	ug/l #	47
38) Carbon Tetrachloride	7.979	117	38937	6.23	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3291	1.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	144166	55.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	144166	139.82	ug/l #	14

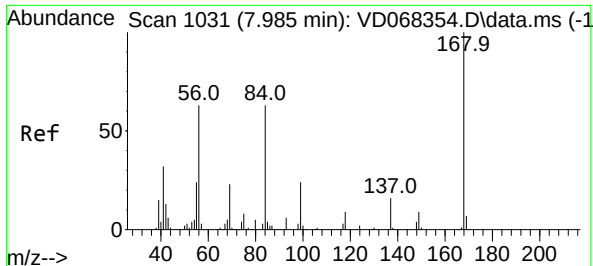
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

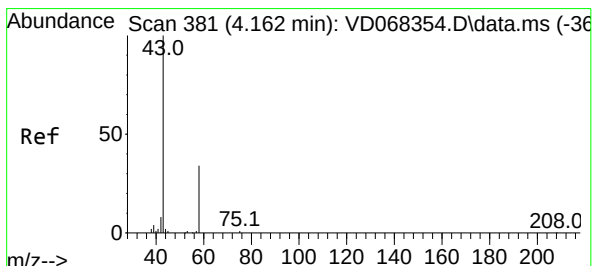
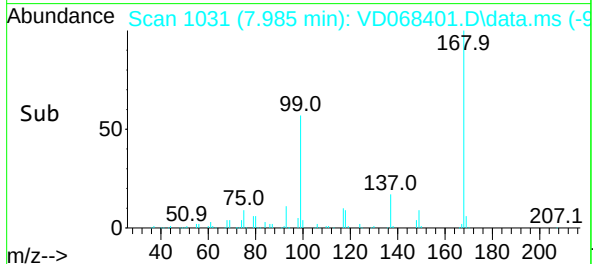
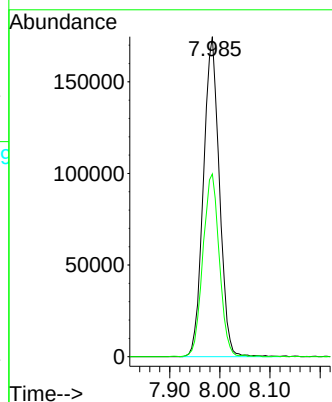
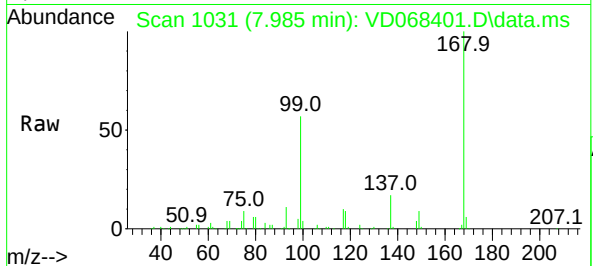




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

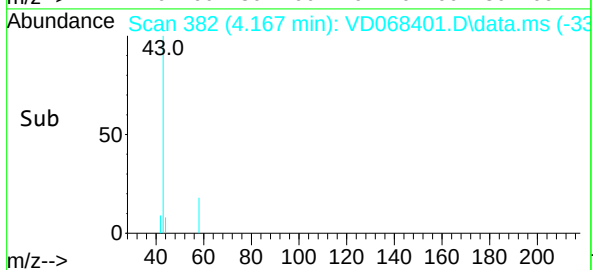
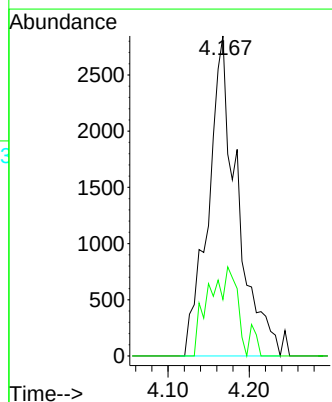
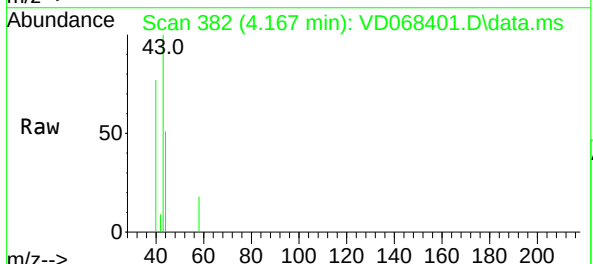
Instrument :
MSVOA_D
ClientSampled :
TP-2

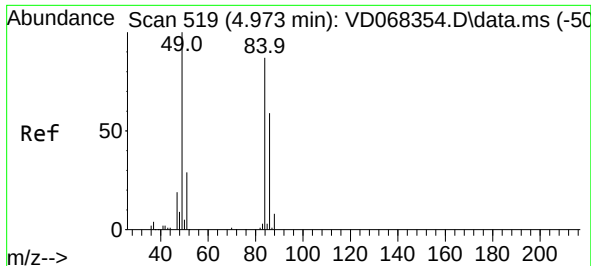
Tgt Ion:168 Resp: 386069
Ion Ratio Lower Upper
168 100
99 57.1 43.5 65.3



#16
Acetone
Concen: 11.61 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Tgt Ion: 43 Resp: 7071
Ion Ratio Lower Upper
43 100
58 17.7 24.2 36.4#

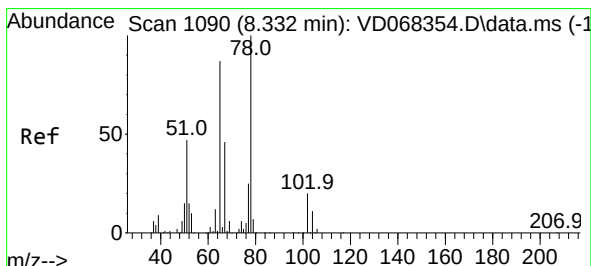
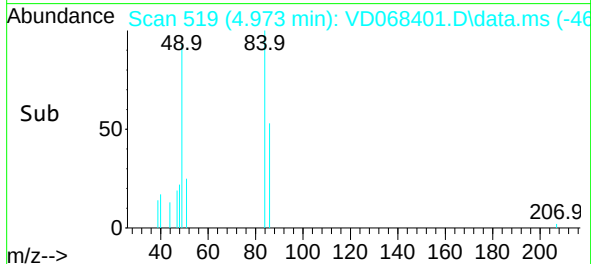
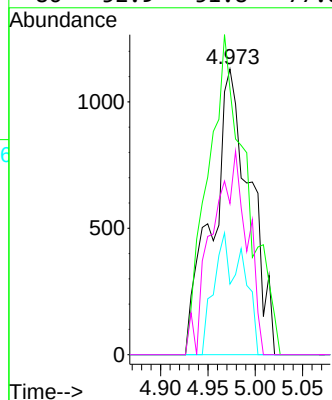
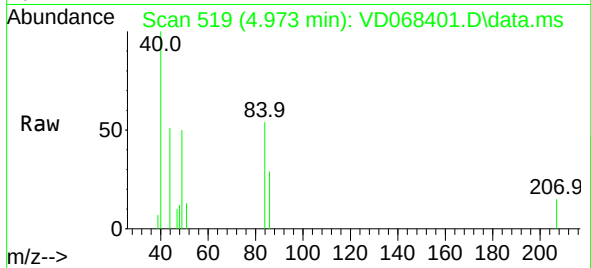




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

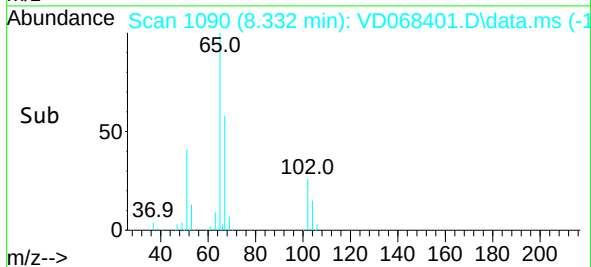
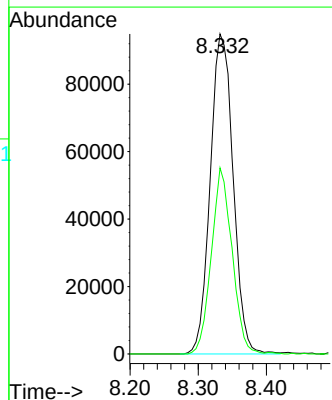
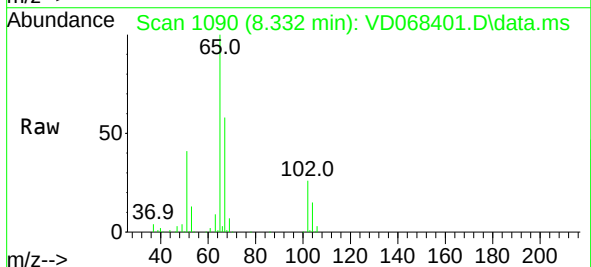
Instrument :
MSVOA_D
ClientSampleId :
TP-2

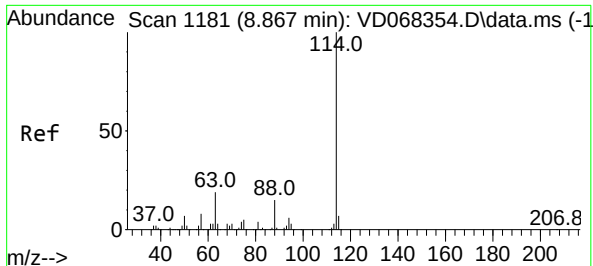
Tgt Ion:	84	Resp:	3148
Ion	Ratio	Lower	Upper
84	100		
49	93.1	77.4	116.2
51	24.7	26.1	39.1#
86	52.9	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 56.23 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Tgt Ion:	65	Resp:	221919
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



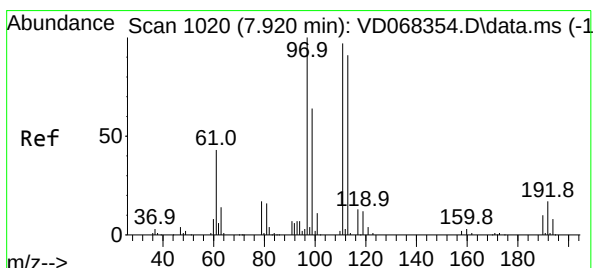
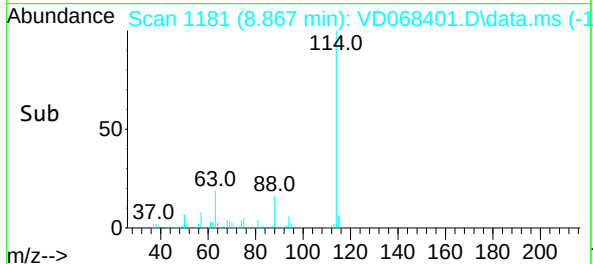
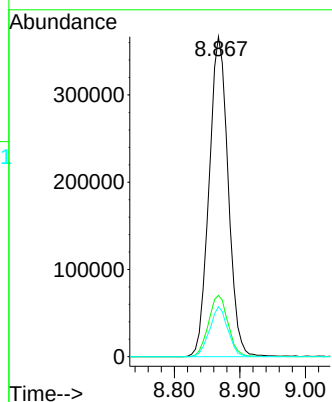
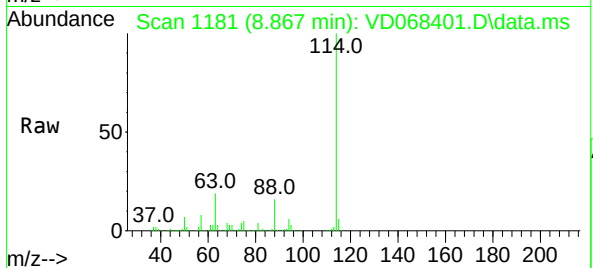


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampled :
TP-2

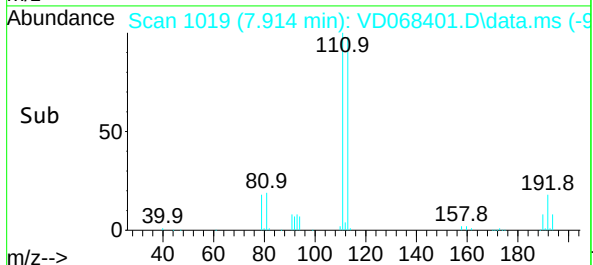
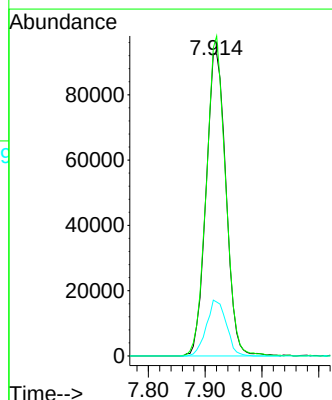
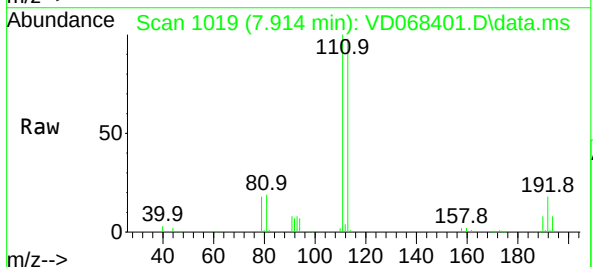
Tgt Ion:	114	Resp:	740790
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	34.8
88	15.6	0.0	31.6

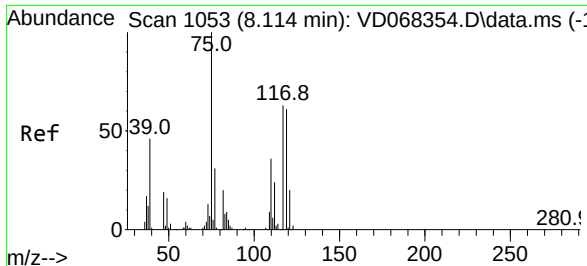


#35

Dibromofluoromethane
Concen: 51.52 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Tgt Ion:	113	Resp:	226537
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.4	122.0
192	18.3	16.1	24.1

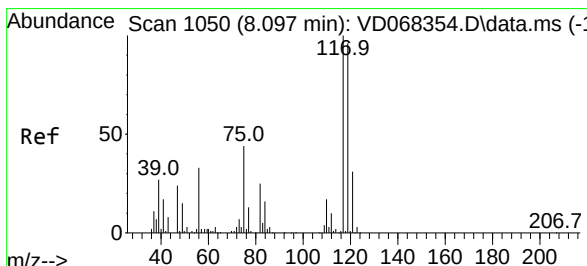
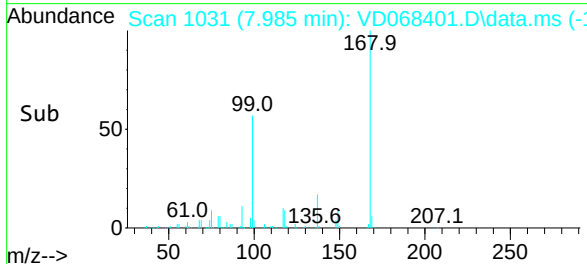
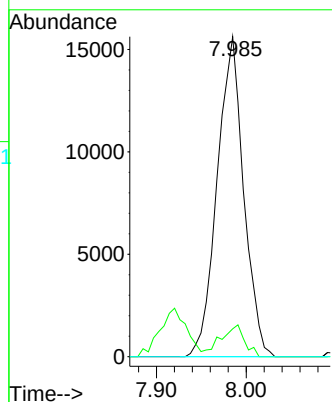
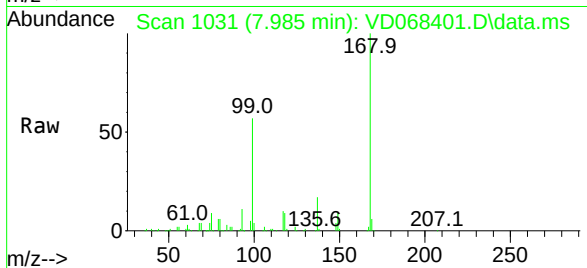




#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

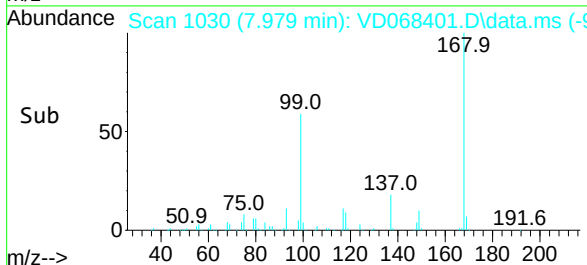
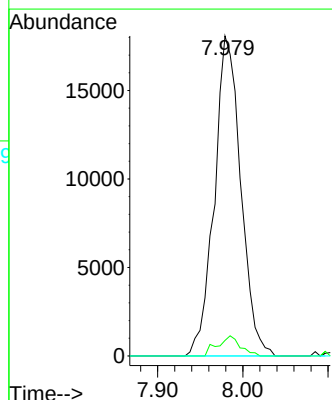
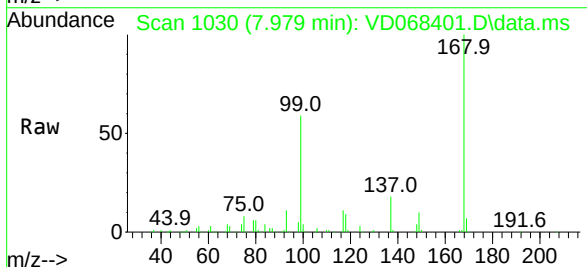
Instrument :
MSVOA_D
ClientSampled :
TP-2

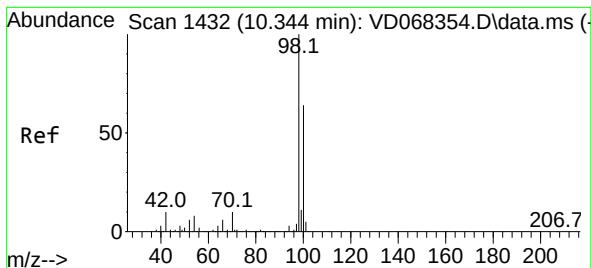
Tgt Ion: 75 Resp: 32053
Ion Ratio Lower Upper
75 100
110 9.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Tgt Ion: 117 Resp: 38937
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.7 37.1#

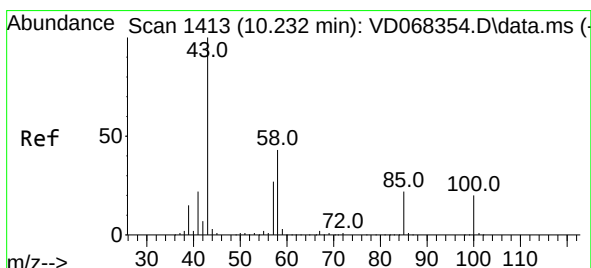
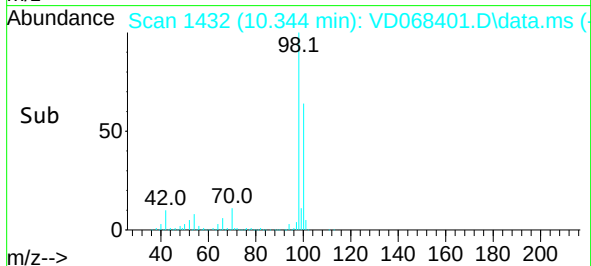
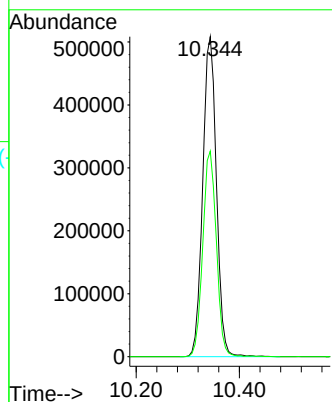
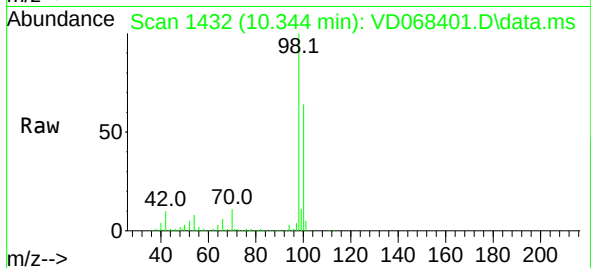




#50
Toluene-d8
Concen: 51.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

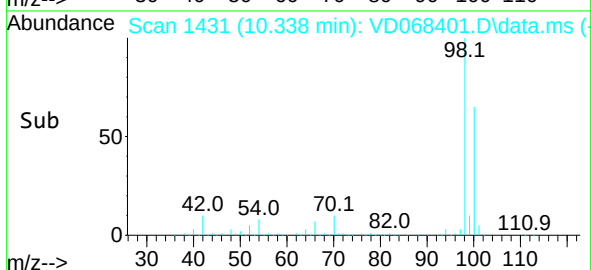
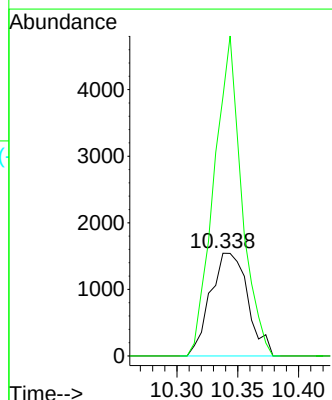
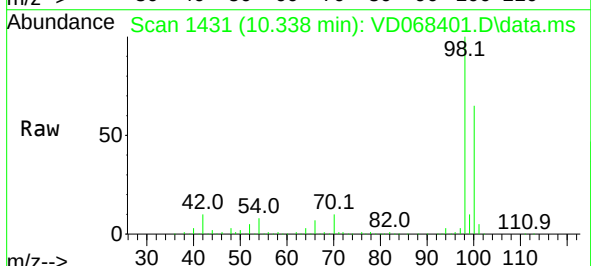
Instrument :
MSVOA_D
ClientSampleId :
TP-2

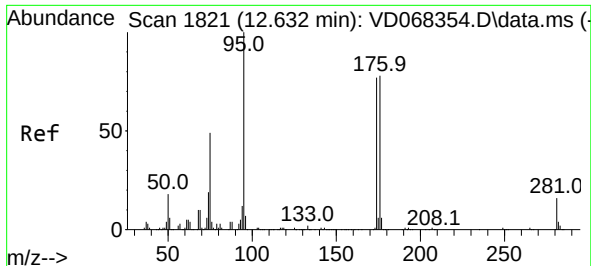
Tgt Ion: 98 Resp: 933414
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
58 232.3 36.1 54.1#

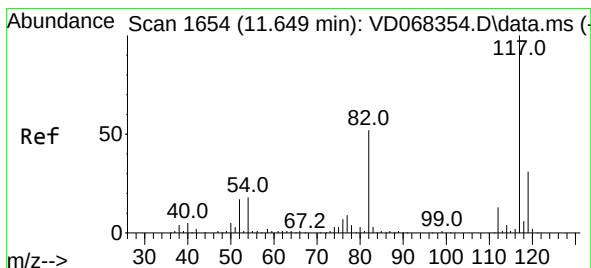
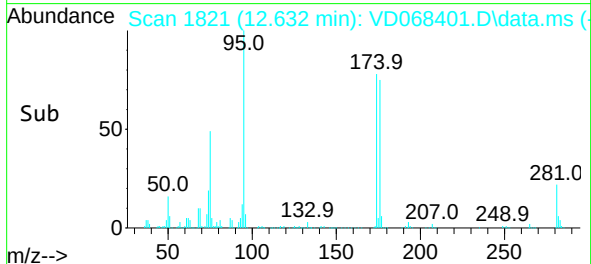
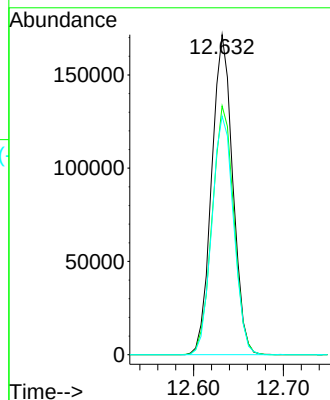
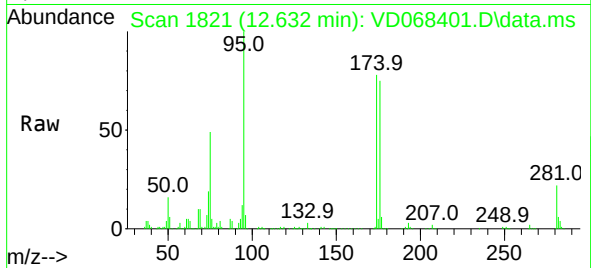




#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

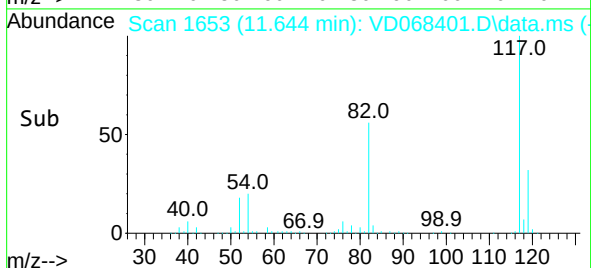
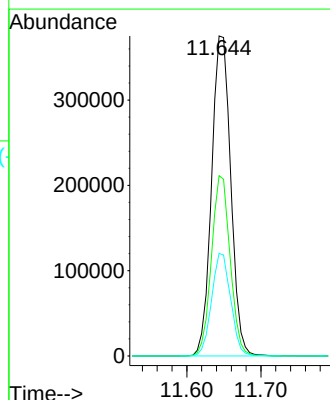
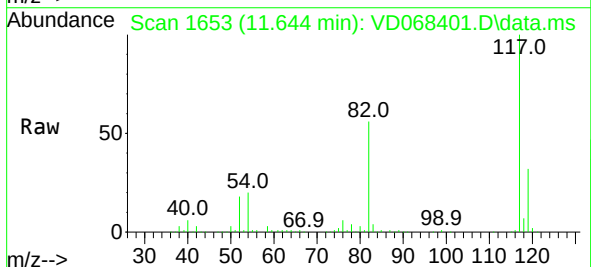
Instrument :
MSVOA_D
ClientSampleId :
TP-2

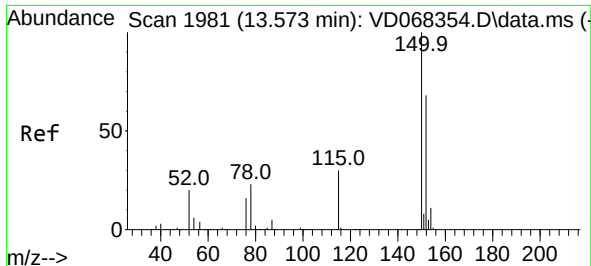
Tgt Ion: 95 Resp: 280110
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 76.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

Tgt Ion: 117 Resp: 673837
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 32.0 26.1 39.1

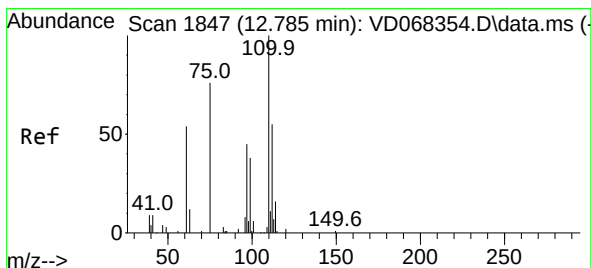
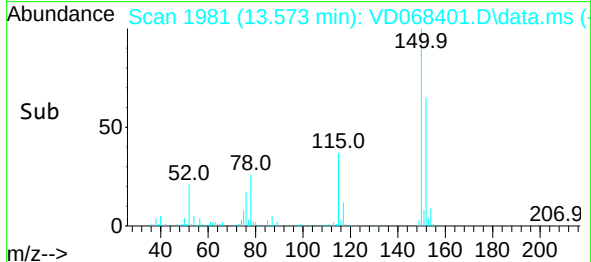
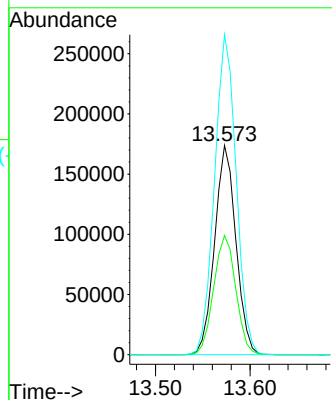
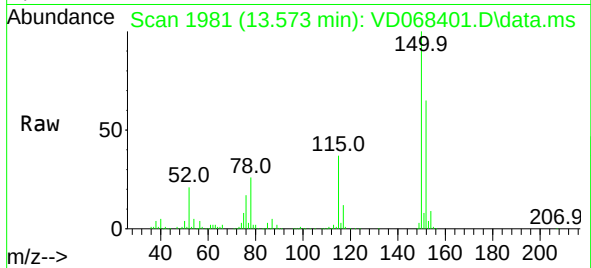




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

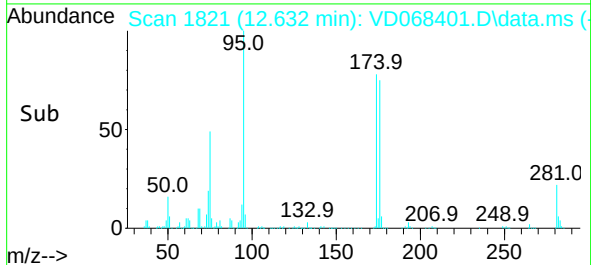
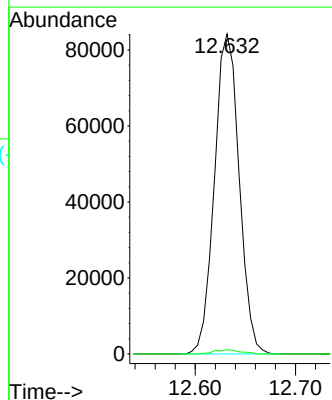
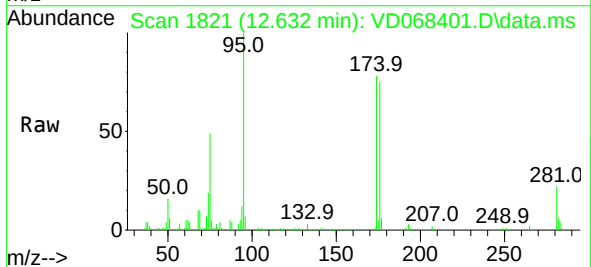
Instrument :
MSVOA_D
ClientSampled :
TP-2

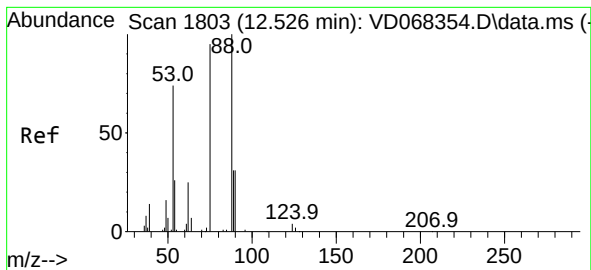
Tgt Ion:152 Resp: 271607
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 155.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068401.D
Acq: 19 Feb 2021 15:38

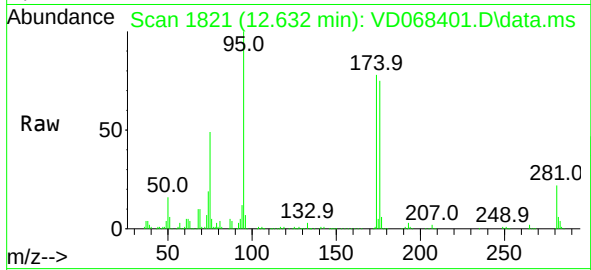
Tgt Ion: 75 Resp: 144166
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.82 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068401.D
 Acq: 19 Feb 2021 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2



Tgt Ion: 75 Resp: 144166
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.3 40.3 60.5#

