

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068405.D
 Acq On : 19 Feb 2021 17:27
 Operator : VA/SY
 Sample : M1452-21
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Feb 19 23:32:23 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)

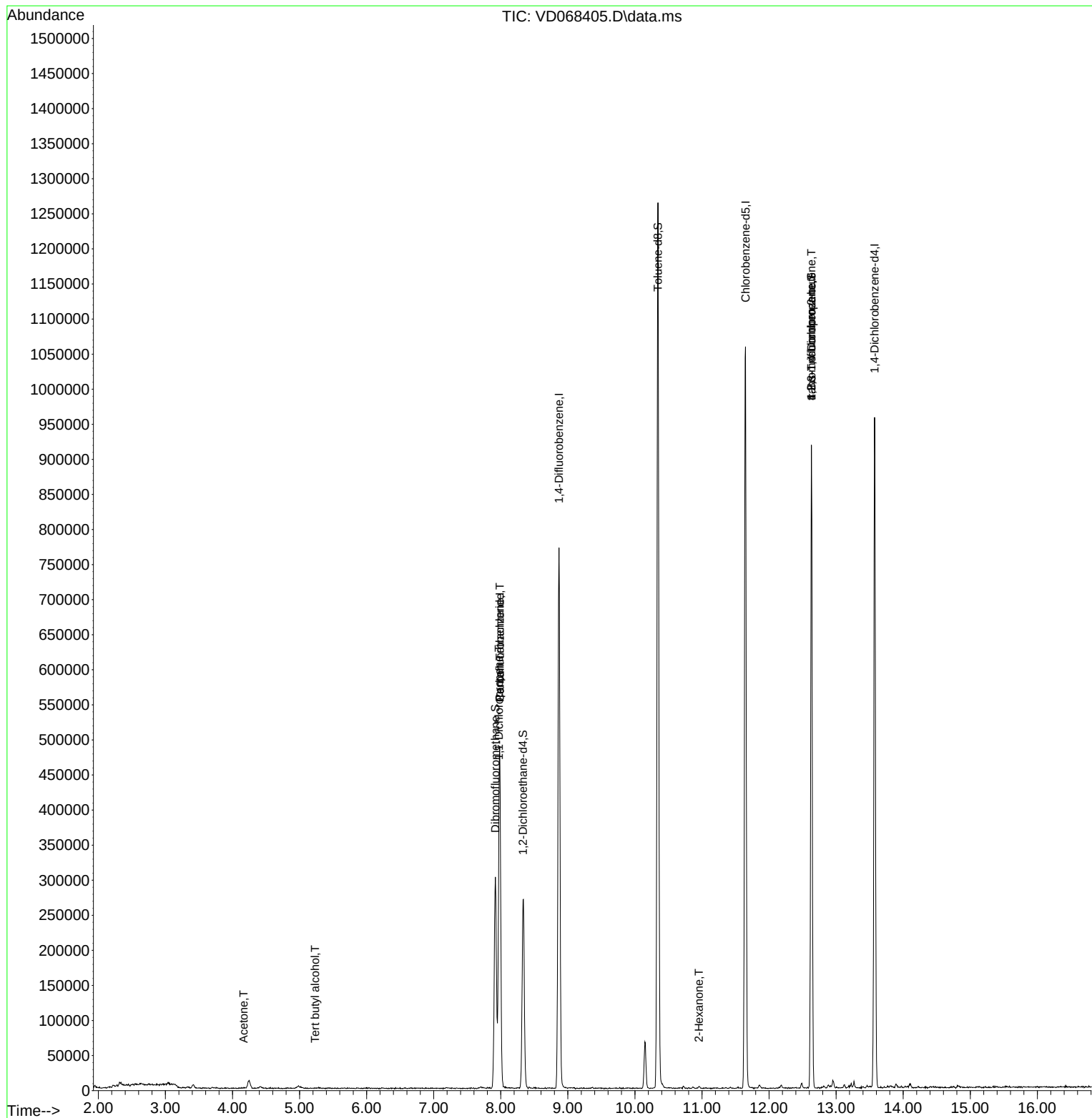
Internal Standards						
1) Pentafluorobenzene	7.985	168	368925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	696597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	638117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	254287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	219464	58.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.38%
35) Dibromofluoromethane	7.920	113	217387	52.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.16%
50) Toluene-d8	10.344	98	891125	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.632	95	272320	48.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.56%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.232	59	207	1.09	ug/l #	74
16) Acetone	4.167	43	725	1.25	ug/l #	83
20) Methylene Chloride	4.973	84	2367	Below	Cal	87
31) Cyclohexane	7.985	56	8348	Below	Cal #	28
36) 1,1-Dichloropropene	7.973	75	31392	5.09	ug/l #	45
38) Carbon Tetrachloride	7.985	117	37886	6.45	ug/l #	15
59) 2-Hexanone	10.955	43	2069	1.49	ug/l #	19
76) 1,2,3-Trichloropropane	12.632	75	136761	56.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	136761	141.67	ug/l #	14

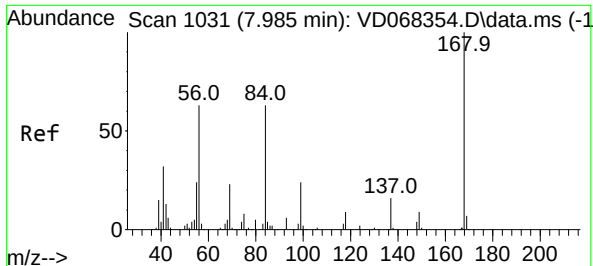
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
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Operator : VA/SY
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MSVOA_D
ClientSampleId :
TP-6

Quant Time: Feb 19 23:32:23 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

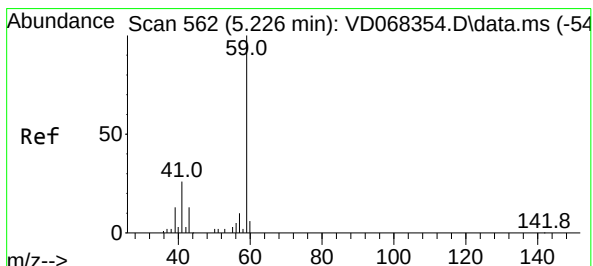
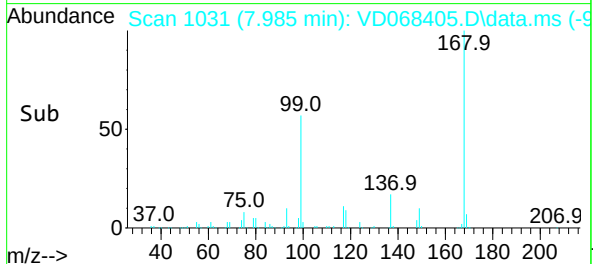
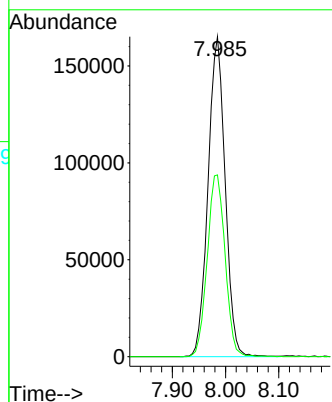
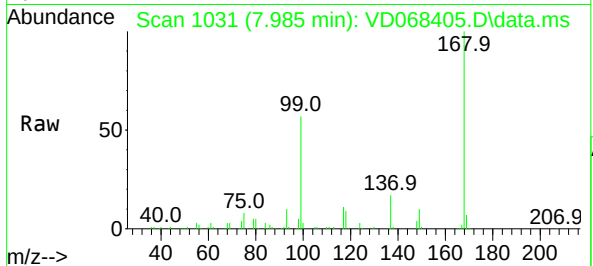




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

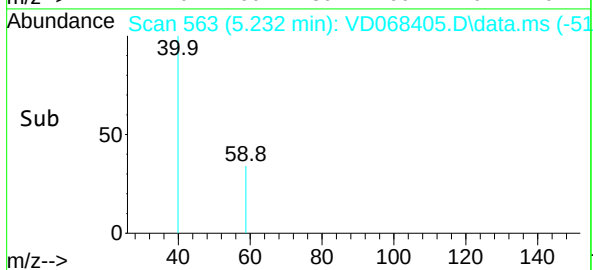
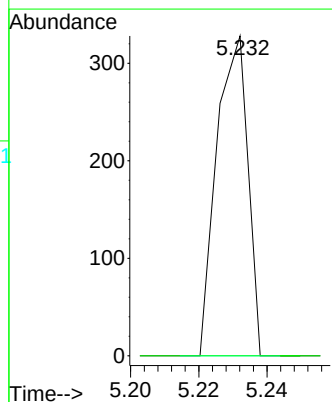
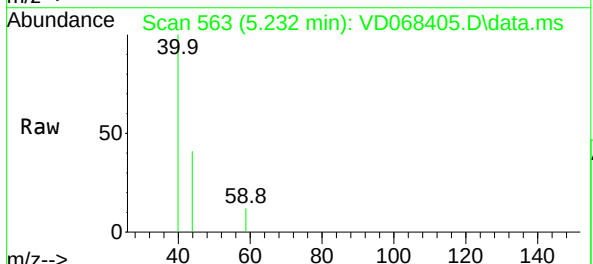
Instrument :
MSVOA_D
ClientSampled :
TP-6

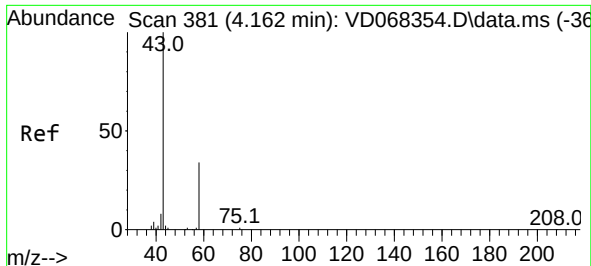
Tgt Ion:168 Resp: 368925
Ion Ratio Lower Upper
168 100
99 56.8 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.09 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

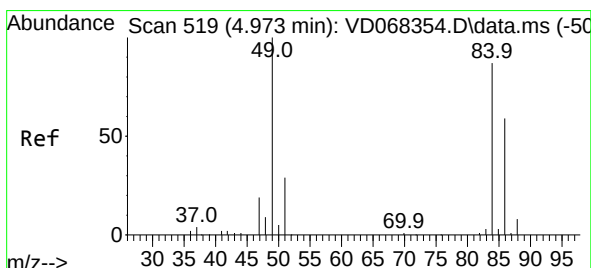
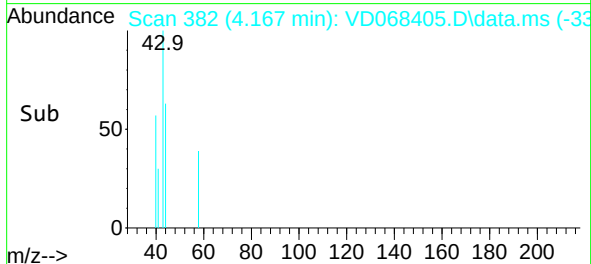
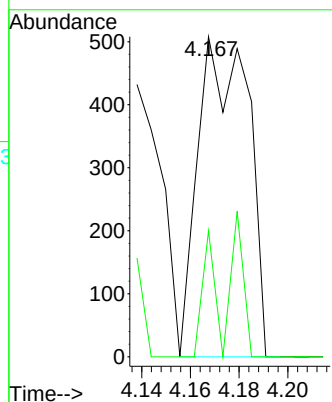
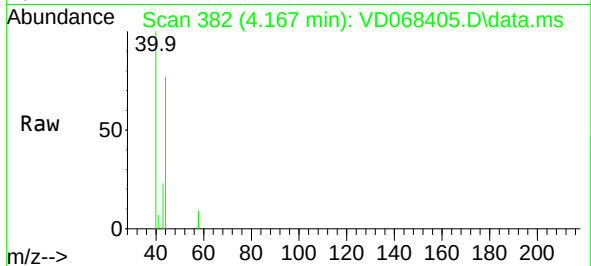




#16
Acetone
Concen: 1.25 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

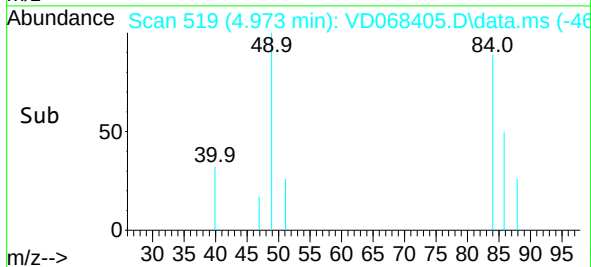
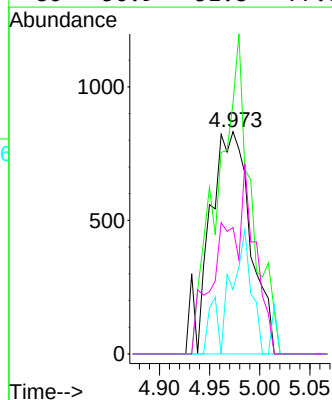
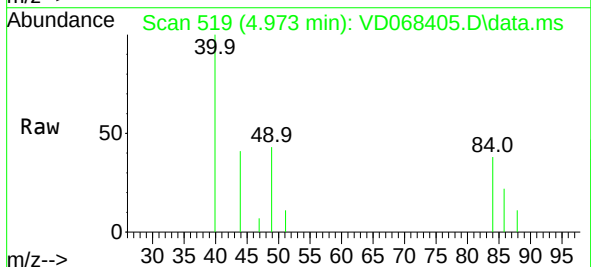
Instrument :
MSVOA_D
ClientSampled :
TP-6

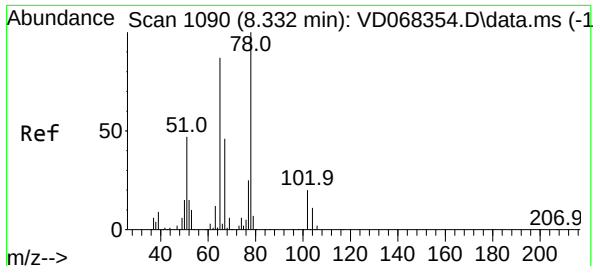
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 39.4 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 84 Resp: 2367
Ion Ratio Lower Upper
84 100
49 112.7 77.4 116.2
51 29.0 26.1 39.1
86 56.9 51.8 77.8

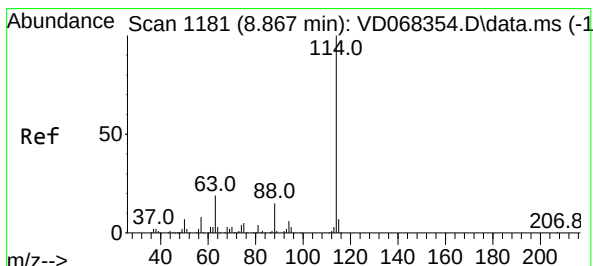
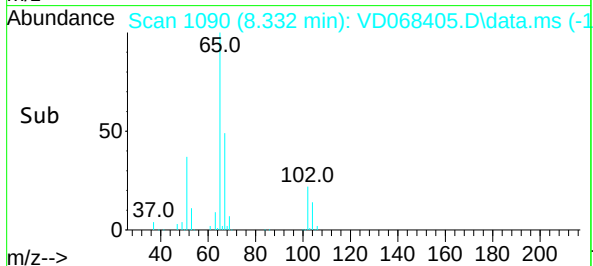
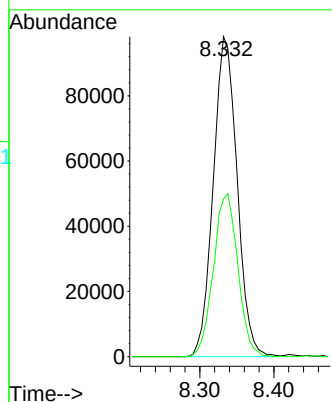
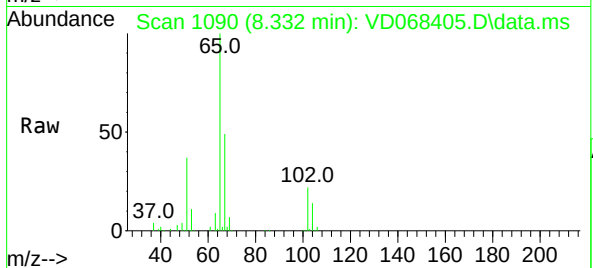




#33
1,2-Dichloroethane-d4
Concen: 58.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

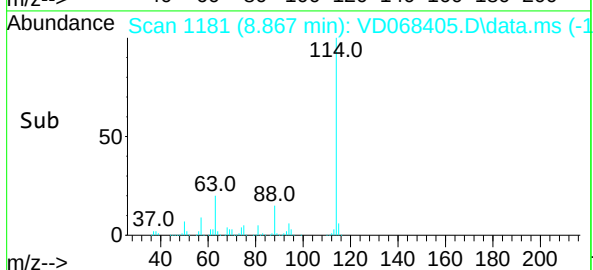
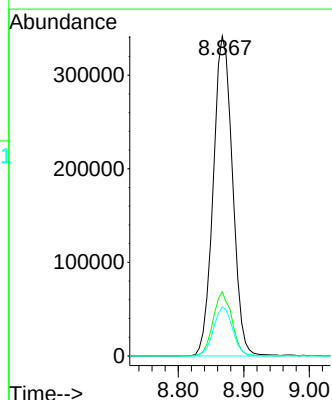
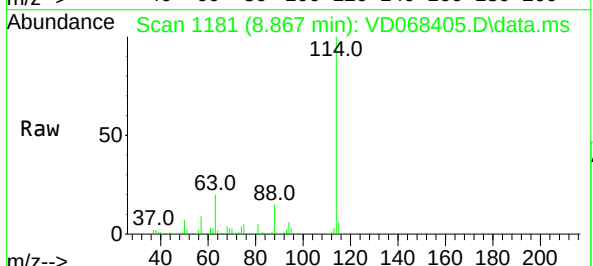
Instrument :
MSVOA_D
ClientSampled :
TP-6

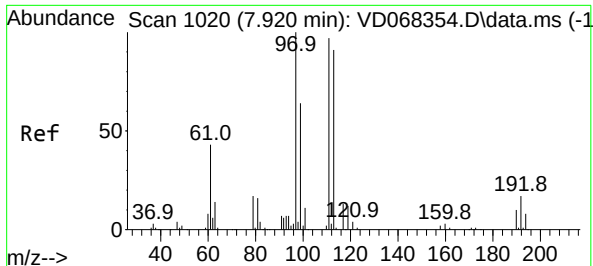
Tgt Ion: 65 Resp: 219464
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 114 Resp: 696597
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.58 ug/l

RT: 7.920 min Scan# 1020

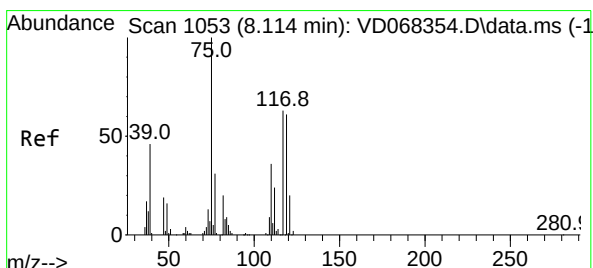
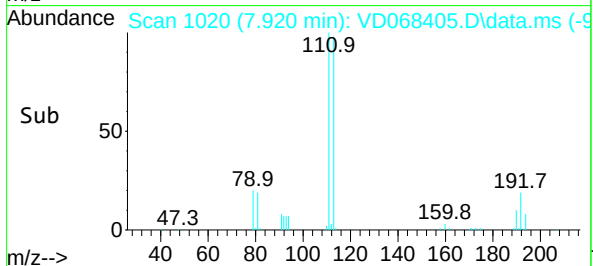
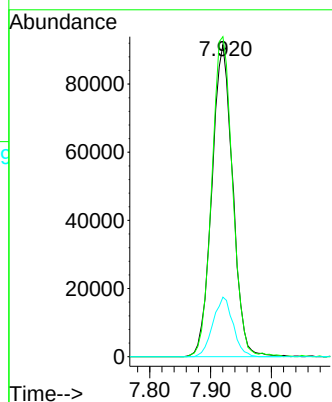
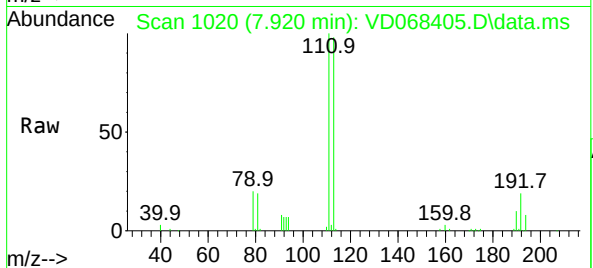
Delta R.T. -0.000 min

Lab File: VD068405.D

Acq: 19 Feb 2021 17:27

Tgt Ion:	113	Resp:	217387
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	18.4	16.1	24.1

Instrument :
MSVOA_D
ClientSampled :
TP-6



#36

1,1-Dichloropropene

Concen: 5.09 ug/l

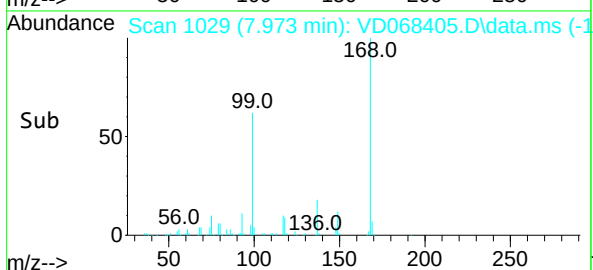
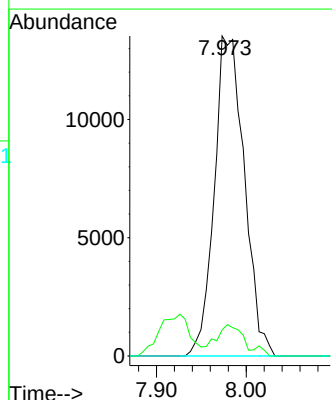
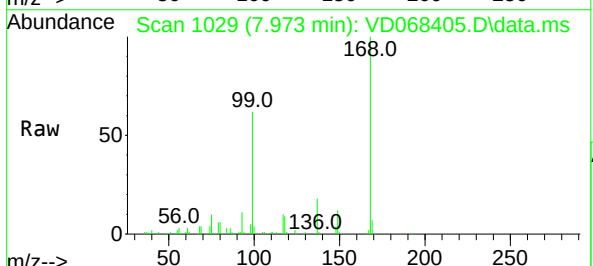
RT: 7.973 min Scan# 1029

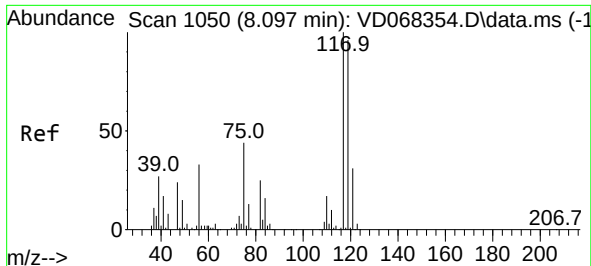
Delta R.T. -0.141 min

Lab File: VD068405.D

Acq: 19 Feb 2021 17:27

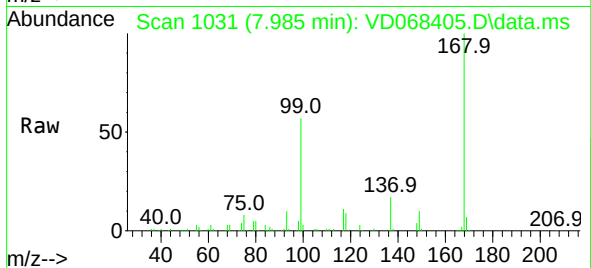
Tgt Ion:	75	Resp:	31392
Ion	Ratio	Lower	Upper
75	100		
110	6.6	19.4	58.2#
77	0.0	25.3	37.9#



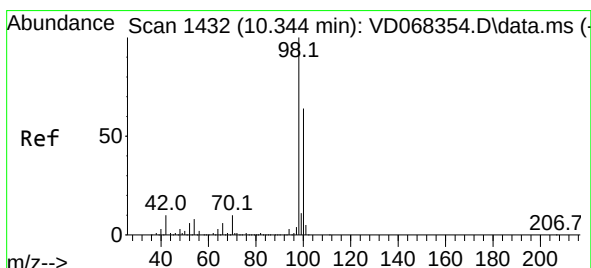
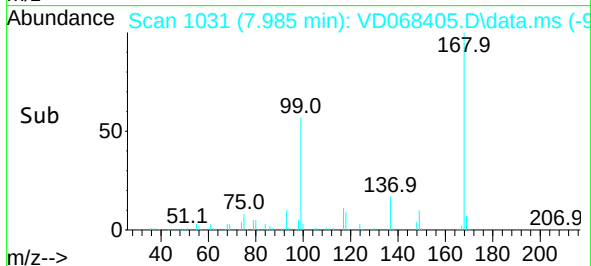
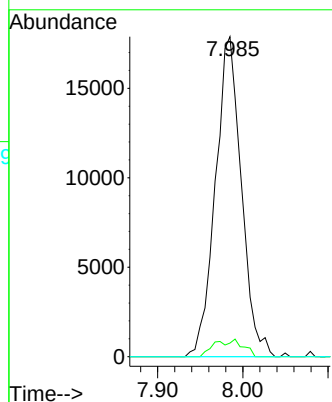


#38
Carbon Tetrachloride
Concen: 6.45 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Instrument :
MSVOA_D
ClientSampled :
TP-6

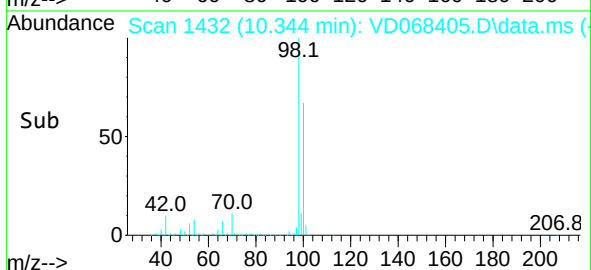
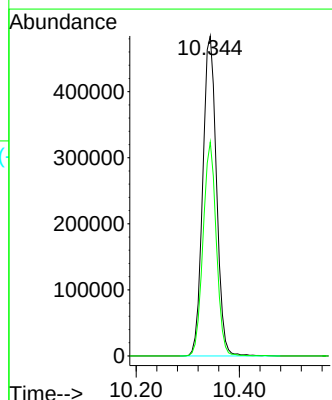
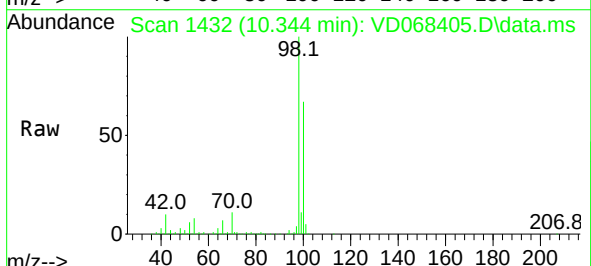


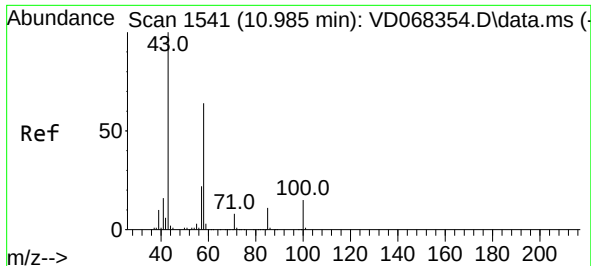
Tgt Ion:117 Resp: 37886
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 98 Resp: 891125
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

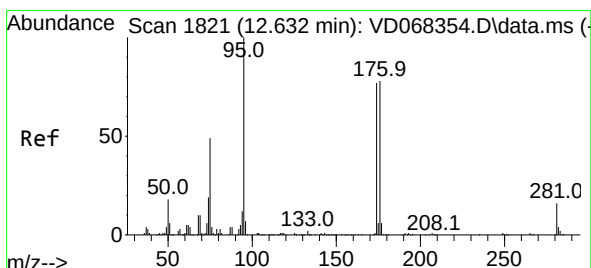
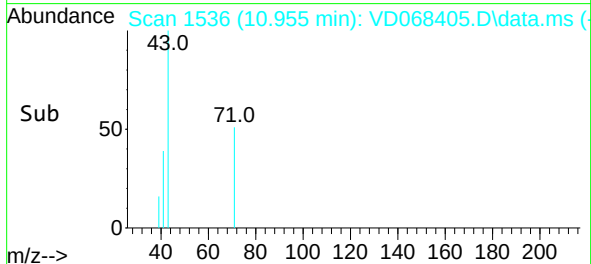
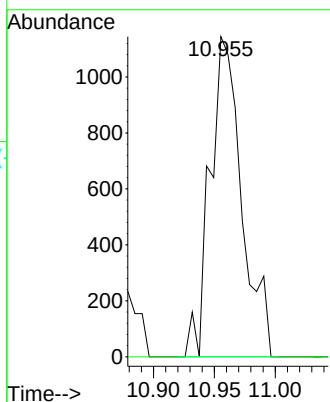
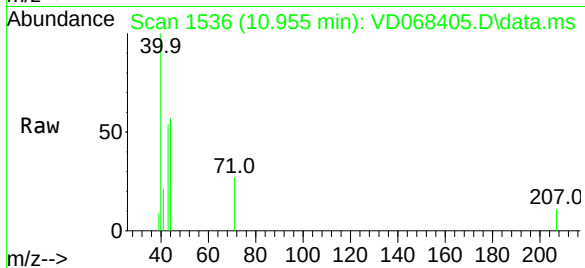




#59
2-Hexanone
Concen: 1.49 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

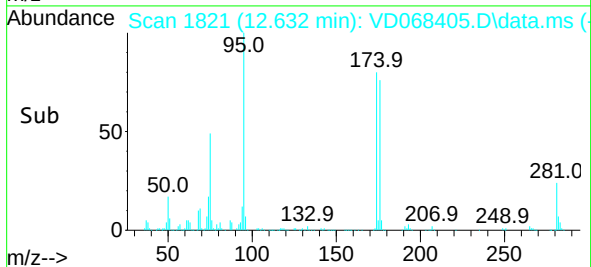
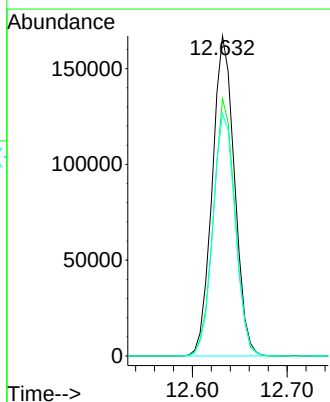
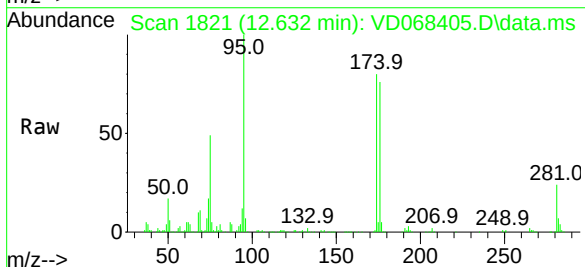
Instrument :
MSVOA_D
ClientSampled :
TP-6

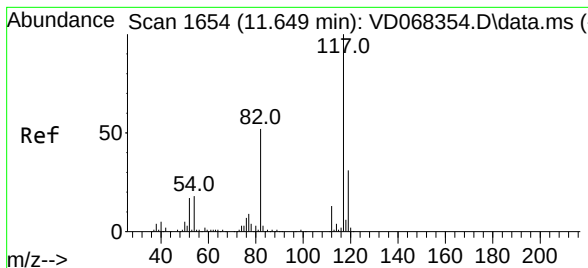
Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 0.0 31.0 93.0#



#62
4-Bromofluorobenzene
Concen: 48.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 95 Resp: 272320
Ion Ratio Lower Upper
95 100
174 78.4 0.0 172.4
176 76.0 0.0 168.4

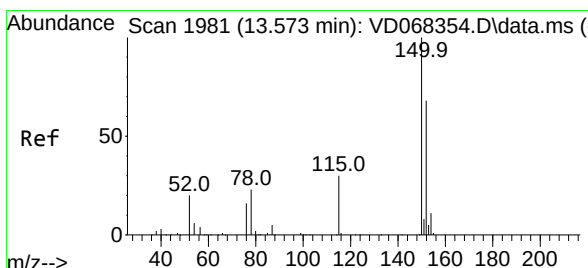
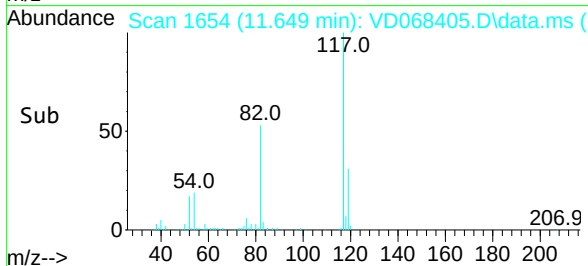
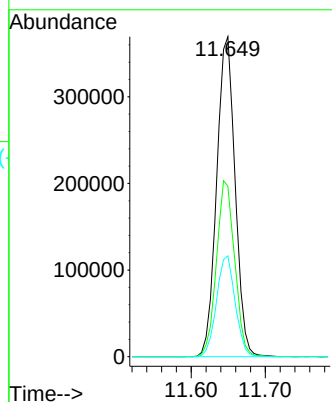
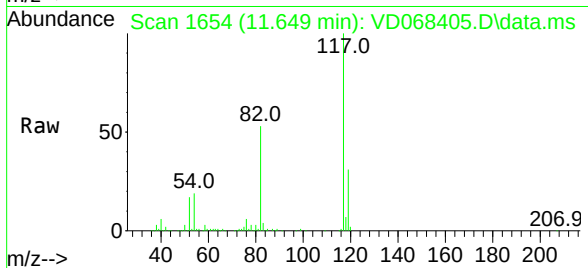




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

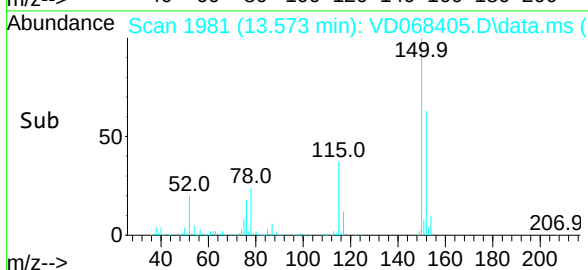
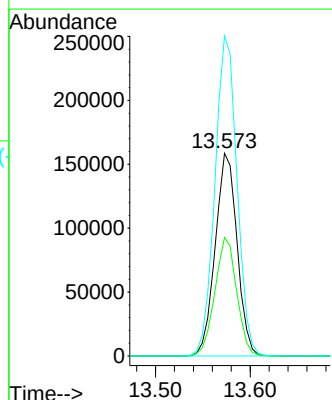
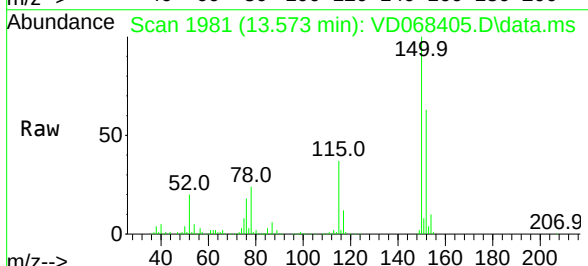
Instrument :
MSVOA_D
ClientSampled :
TP-6

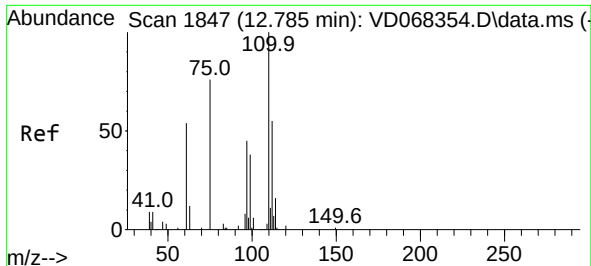
Tgt Ion:	117	Resp:	638117
Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.4	62.0
119	31.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion:	152	Resp:	254287
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.8
150	159.5	0.0	344.4

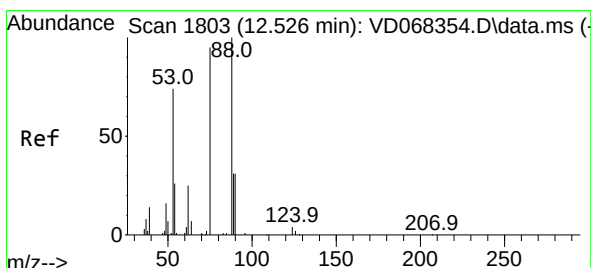
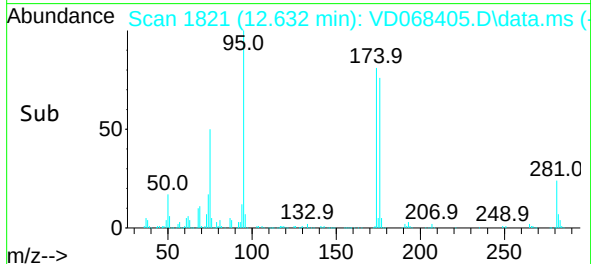
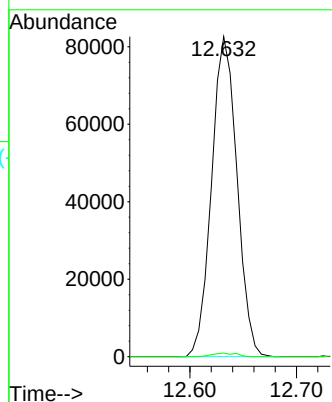
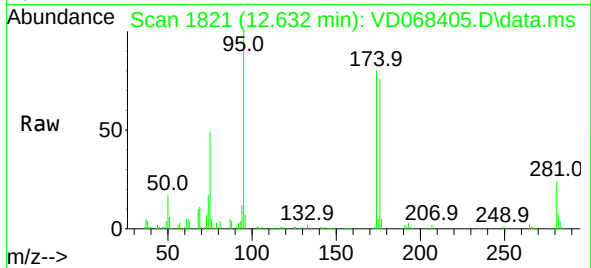




#76
1,2,3-Trichloropropane
Concen: 56.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Instrument :
MSVOA_D
ClientSampled :
TP-6

Tgt Ion: 75 Resp: 136761
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 75 Resp: 136761
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.3 40.3 60.5#

