

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068760.D
 Acq On : 01 Apr 2021 16:00
 Operator : VA/SY
 Sample : M1888-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3S1-(0-2)

Quant Time: Apr 02 01:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

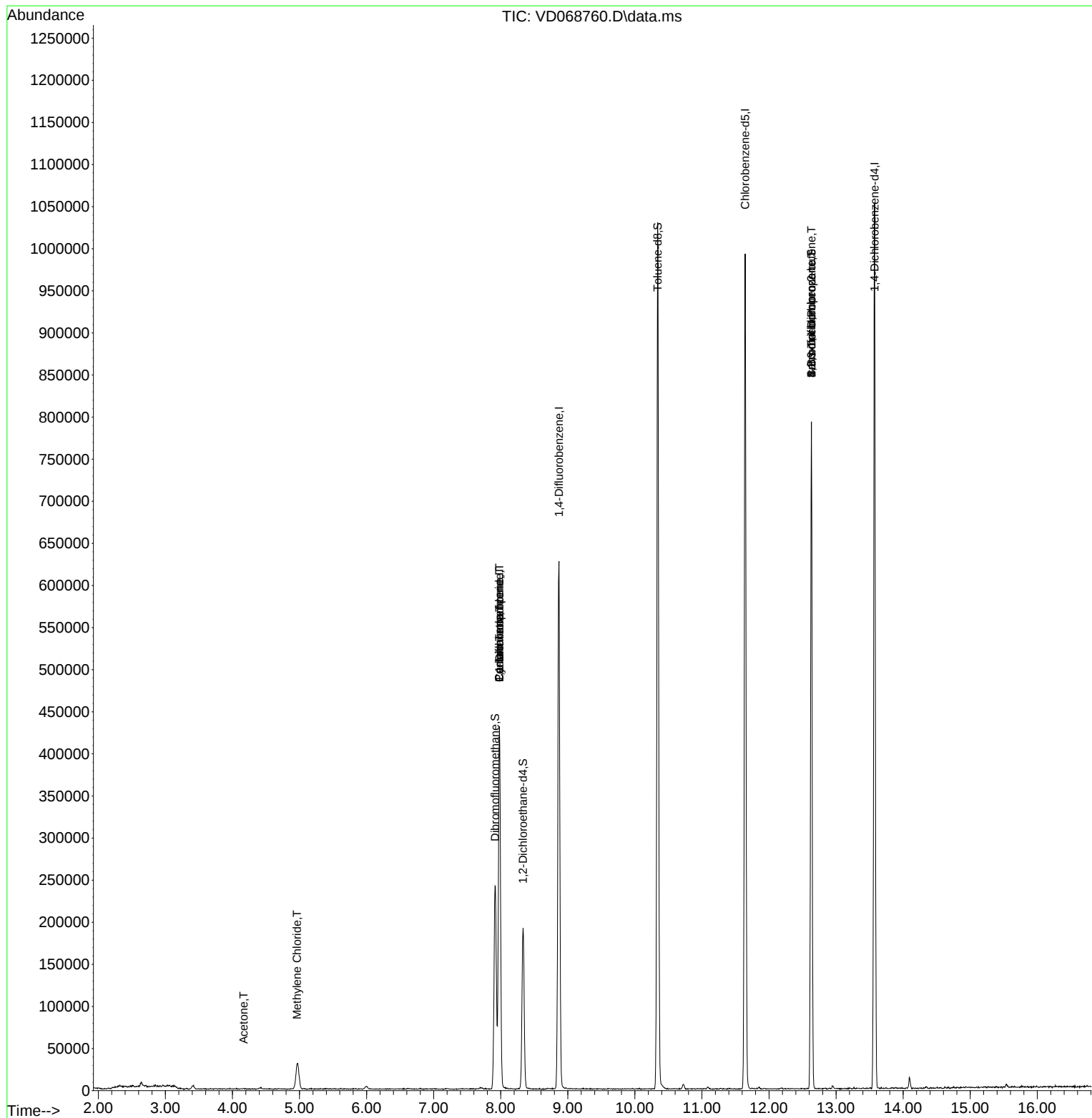
Internal Standards						
1) Pentafluorobenzene	7.979	168	323054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	572978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	282142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	155570	47.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.52%		
35) Dibromofluoromethane	7.914	113	180126	50.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.06%		
50) Toluene-d8	10.338	98	725568	52.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.58%		
62) 4-Bromofluorobenzene	12.632	95	257192	57.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	115.42%		
Target Compounds						
16) Acetone	4.167	43	427	1.08	ug/l	92
20) Methylene Chloride	4.962	84	27346	1.96	ug/l	95
31) Cyclohexane	7.979	56	6652	1.27	ug/l #	14
36) 1,1-Dichloropropene	7.979	75	25374	4.96	ug/l #	49
38) Carbon Tetrachloride	7.979	117	33102	6.48	ug/l #	18
71) Bromoform	12.632	173	2670	1.20	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	126444	53.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	126444	122.50	ug/l #	16

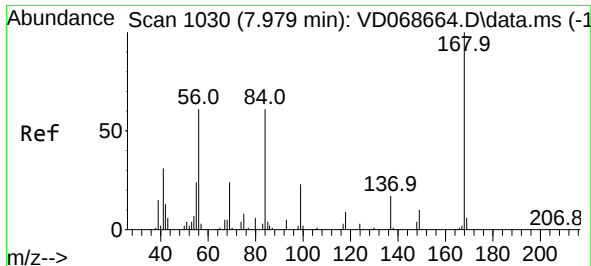
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-3S1-(0-2)

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Quant Title : SW846 8260
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Response via : Initial Calibration

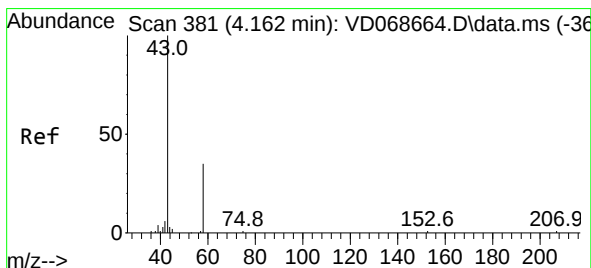
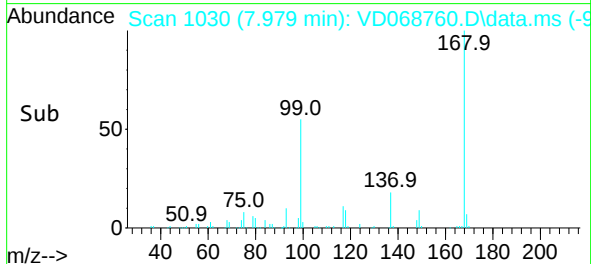
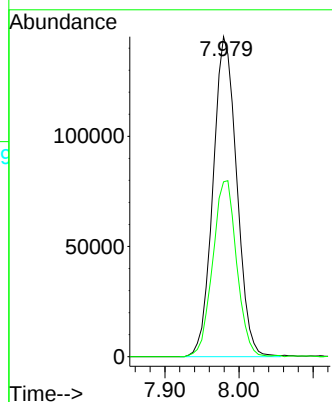
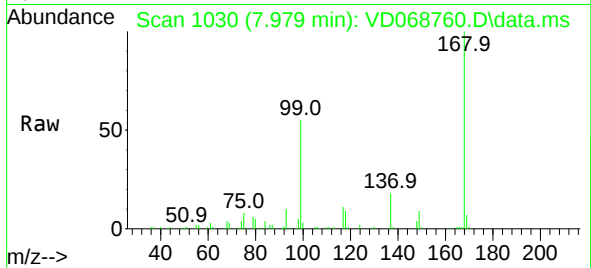




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

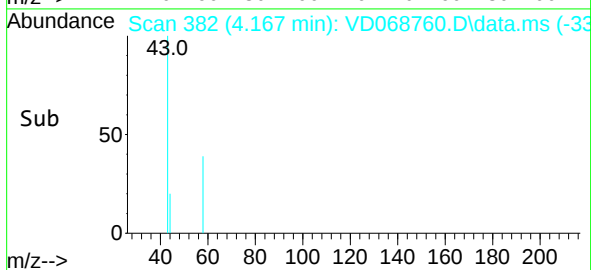
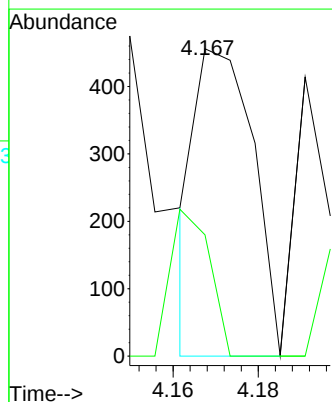
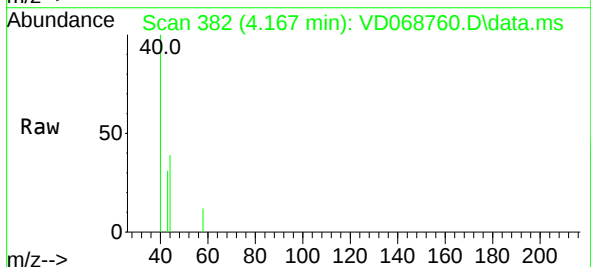
Instrument :
MSVOA_D
ClientSampleId :
TP-3S1-(0-2)

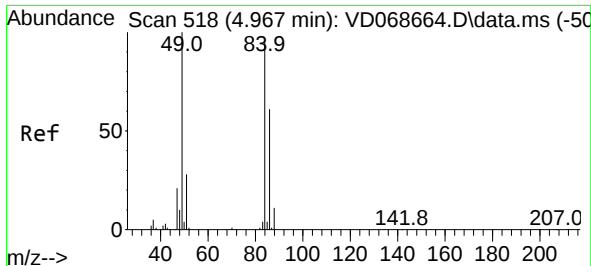
Tgt Ion:168 Resp: 323054
Ion Ratio Lower Upper
168 100
99 54.6 46.2 69.2



#16
Acetone
Concen: 1.08 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

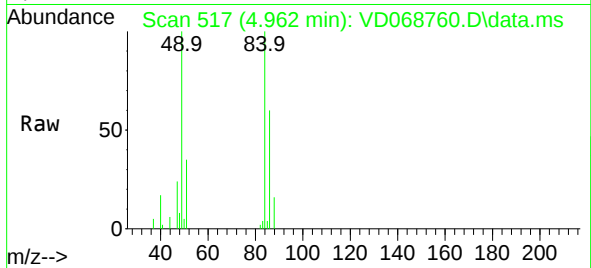
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 39.5 28.0 42.0



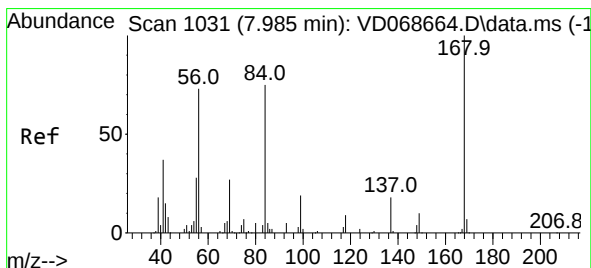
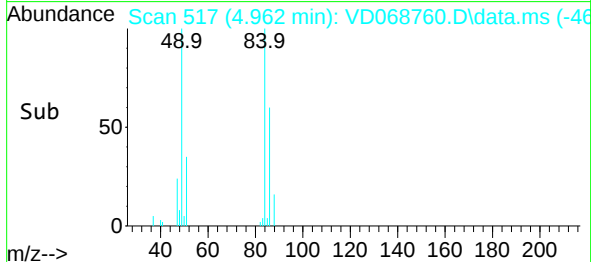
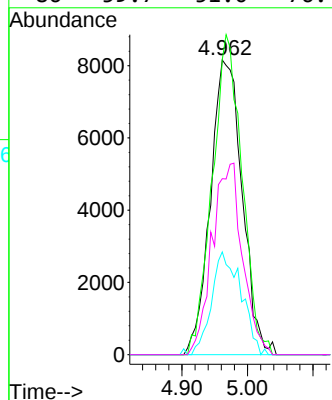


#20
Methylene Chloride
Concen: 1.96 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Instrument :
MSVOA_D
ClientSampleId :
TP-3S1-(0-2)

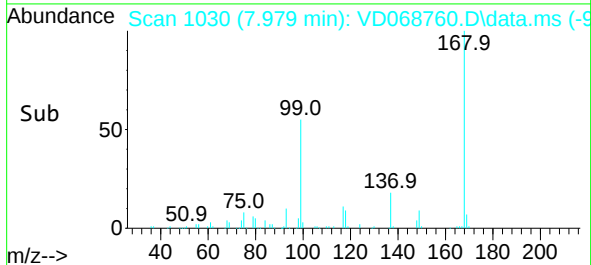
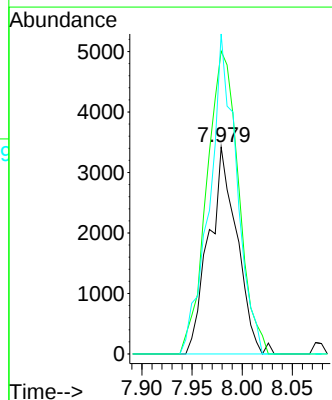
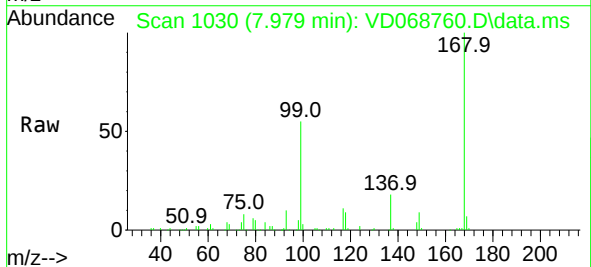


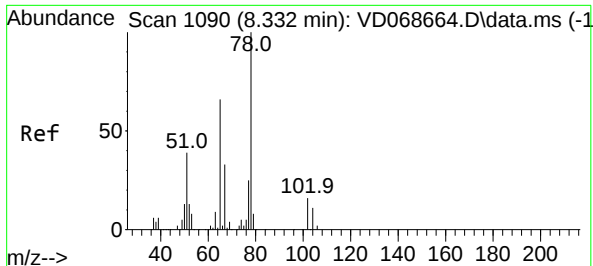
Tgt Ion:	84	Resp:	27346
Ion	Ratio	Lower	Upper
84	100		
49	100.1	83.4	125.0
51	34.8	23.4	35.2
86	59.7	51.0	76.4



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Tgt Ion:	56	Resp:	6652
Ion	Ratio	Lower	Upper
56	100		
69	146.4	30.0	45.0#
84	154.7	82.0	123.0#

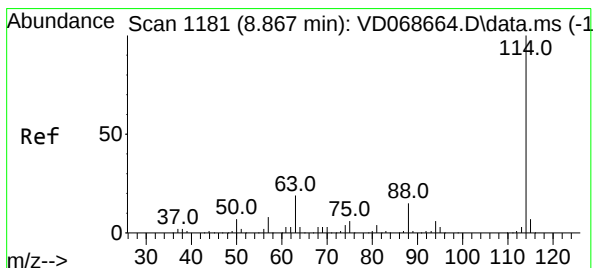
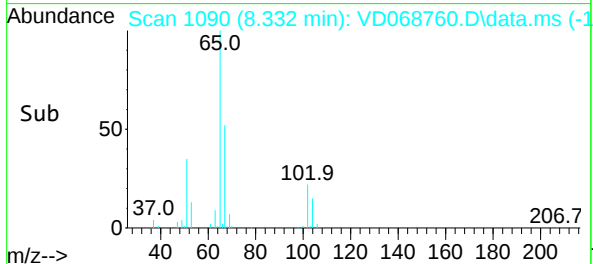
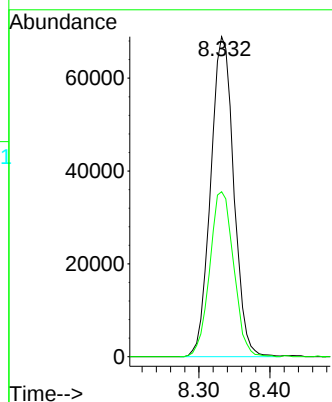
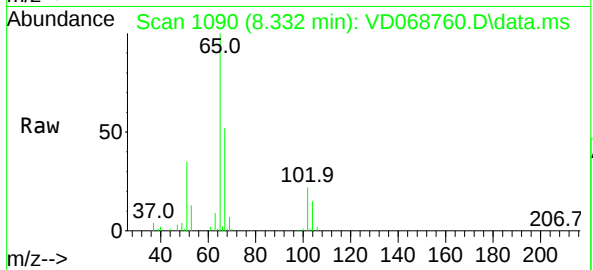




#33
 1,2-Dichloroethane-d4
 Concen: 47.76 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD068760.D
 Acq: 01 Apr 2021 16:00

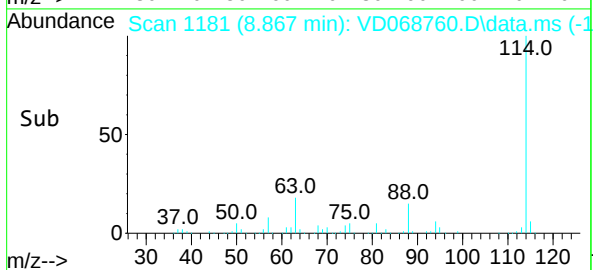
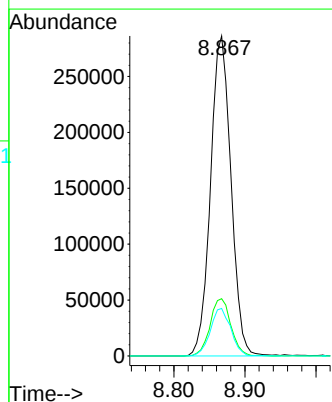
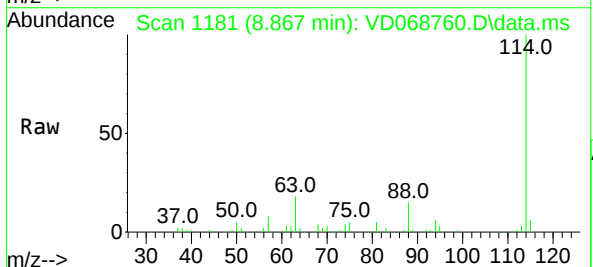
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3S1-(0-2)

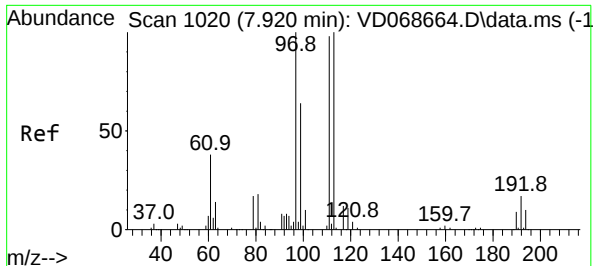
Tgt Ion: 65 Resp: 155570
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VD068760.D
 Acq: 01 Apr 2021 16:00

Tgt Ion: 114 Resp: 572978
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.2
 88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.53 ug/l

RT: 7.914 min Scan# 1019

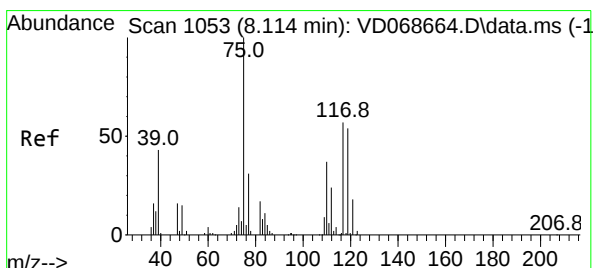
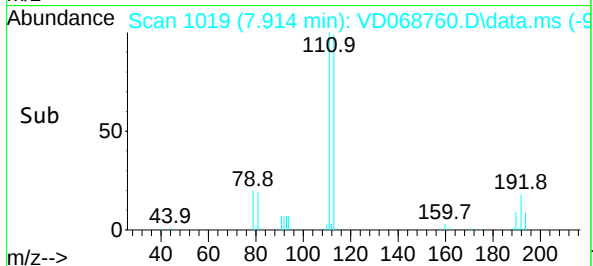
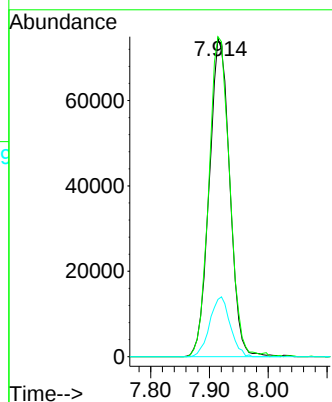
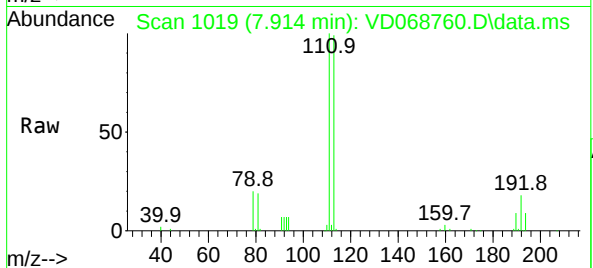
Delta R.T. -0.006 min

Lab File: VD068760.D

Acq: 01 Apr 2021 16:00

Tgt Ion:	113	Resp:	180126
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.5	123.7
192	18.7	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
TP-3S1-(0-2)



#36

1,1-Dichloropropene

Concen: 4.96 ug/l

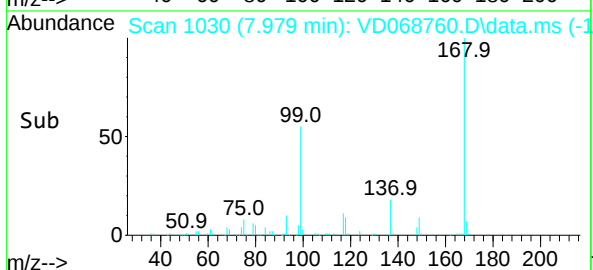
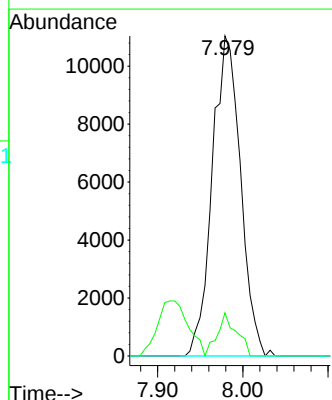
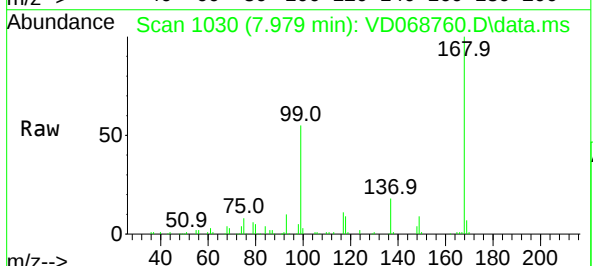
RT: 7.979 min Scan# 1030

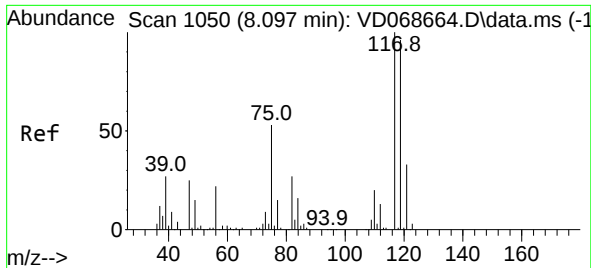
Delta R.T. -0.135 min

Lab File: VD068760.D

Acq: 01 Apr 2021 16:00

Tgt Ion:	75	Resp:	25374
Ion Ratio	Lower	Upper	
75	100		
110	9.1	18.1	54.4#
77	0.0	24.7	37.1#

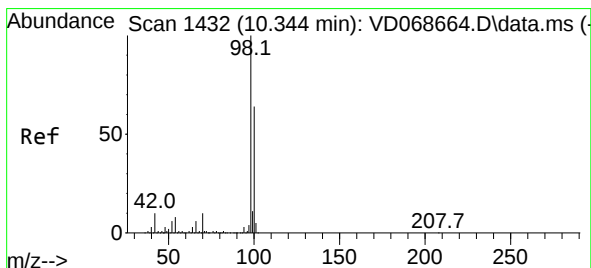
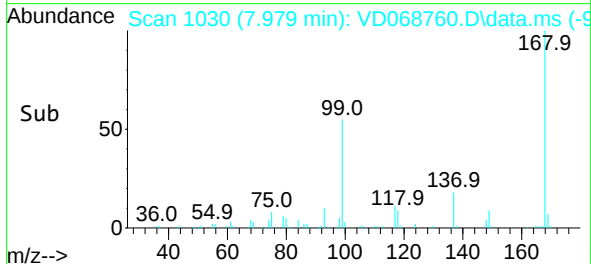
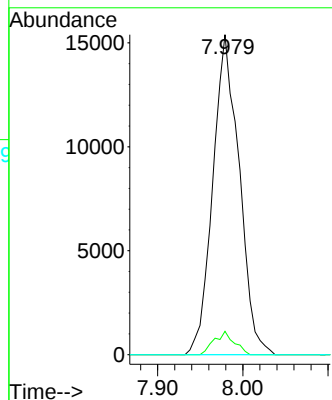
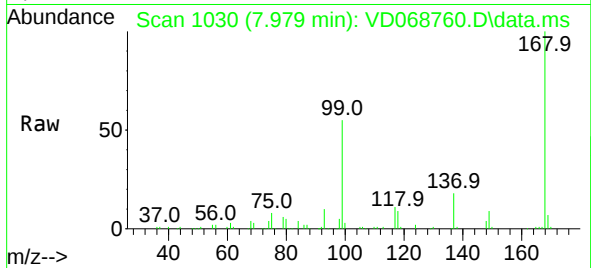




#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

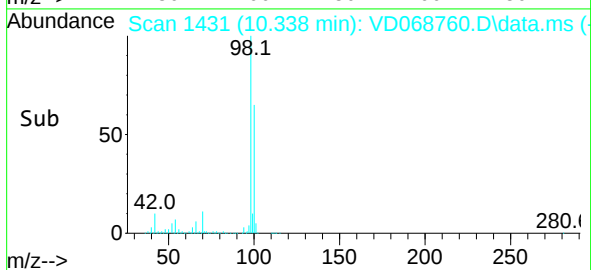
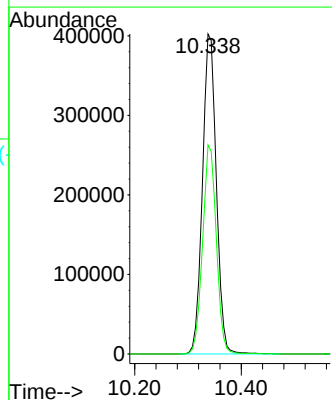
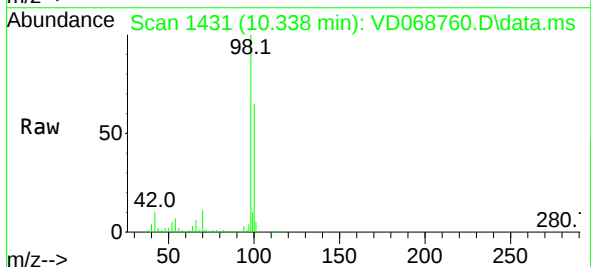
Instrument :
MSVOA_D
ClientSampleId :
TP-3S1-(0-2)

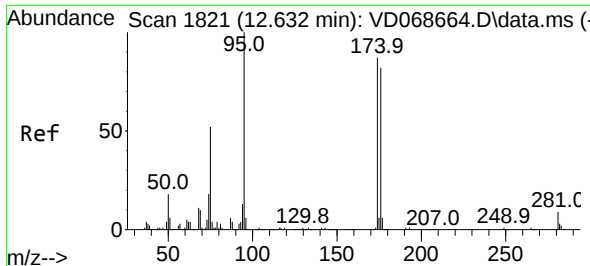
Tgt Ion:117 Resp: 33102
Ion Ratio Lower Upper
117 100
119 7.3 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.79 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Tgt Ion: 98 Resp: 725568
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

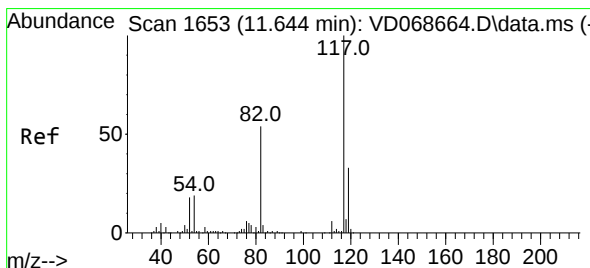
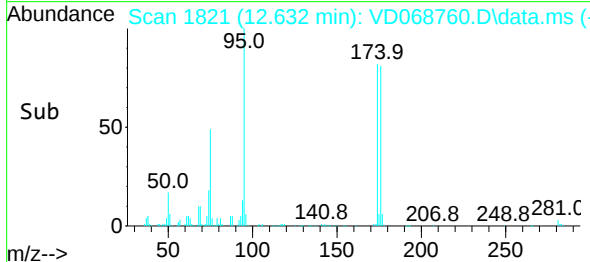
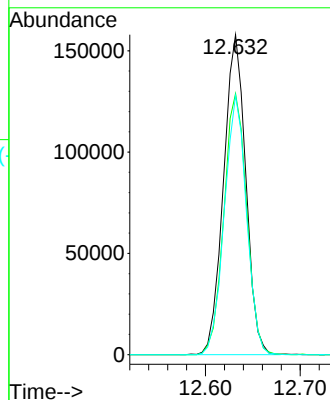
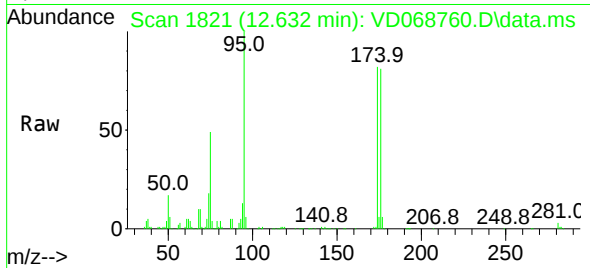




#62
4-Bromofluorobenzene
Concen: 57.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

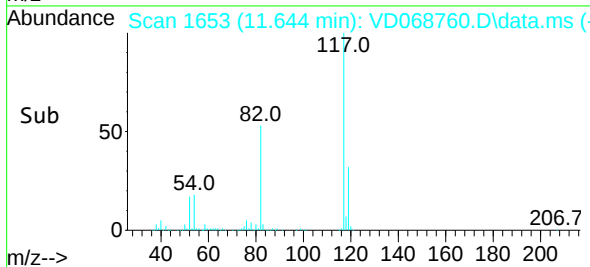
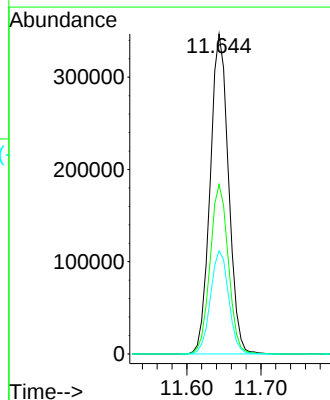
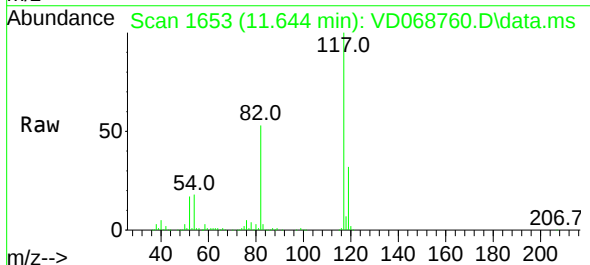
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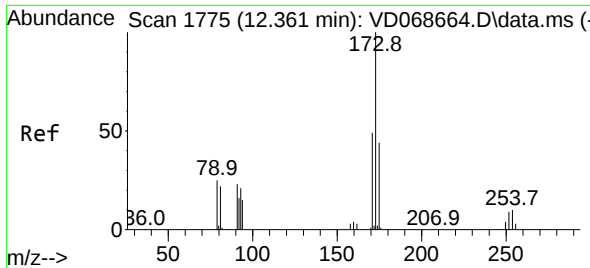
Tgt Ion:	95	Resp:	257192
Ion Ratio	Lower	Upper	
95	100		
174	83.6	0.0	168.0
176	80.7	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Tgt Ion:	117	Resp:	596626
Ion Ratio	Lower	Upper	
117	100		
82	53.0	43.5	65.3
119	32.3	26.7	40.1

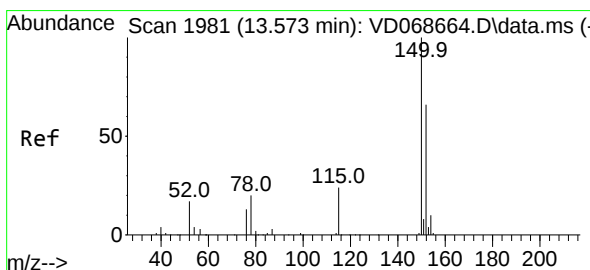
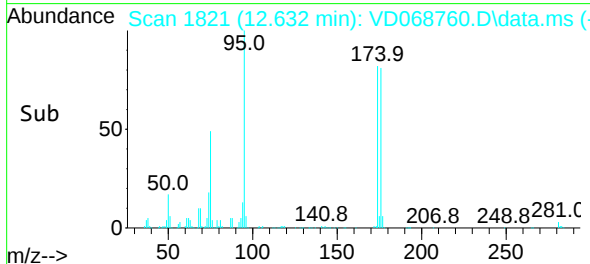
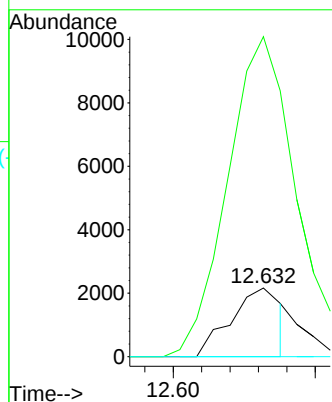
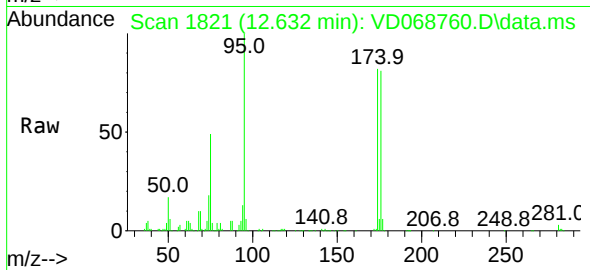




#71
Bromoform
Concen: 1.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

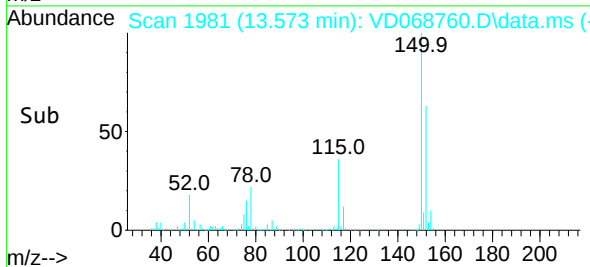
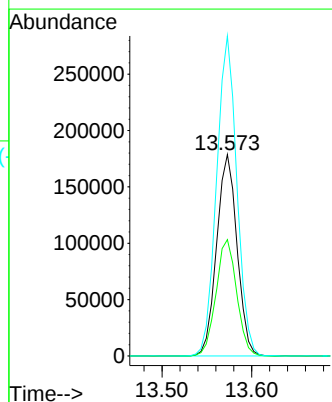
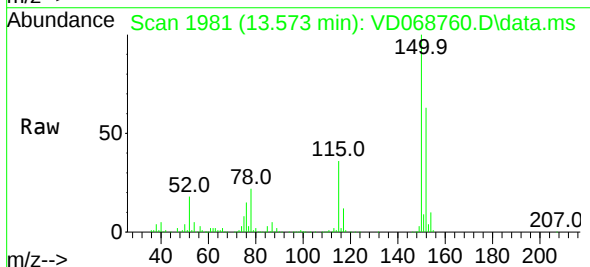
Instrument :
MSVOA_D
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TP-3S1-(0-2)

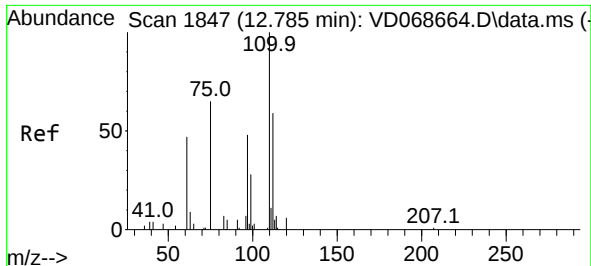
Tgt Ion:173 Resp: 2670
Ion Ratio Lower Upper
173 100
175 502.1 23.6 71.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Tgt Ion:152 Resp: 282142
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.8
150 157.8 0.0 347.6

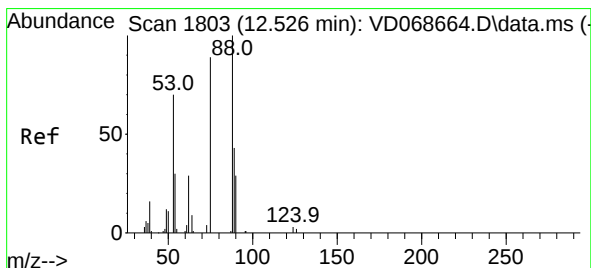
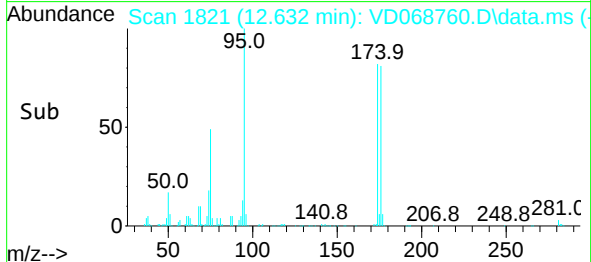
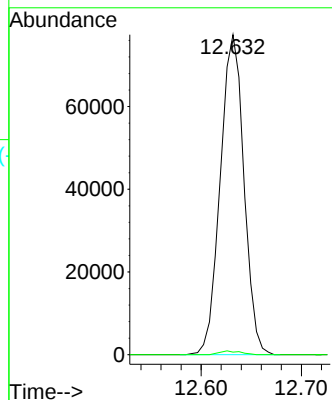
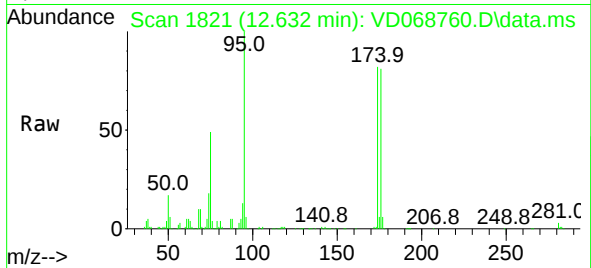




#76
1,2,3-Trichloropropane
Concen: 53.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Instrument :
MSVOA_D
ClientSampleId :
TP-3S1-(0-2)

Tgt Ion: 75 Resp: 126444
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068760.D
Acq: 01 Apr 2021 16:00

Tgt Ion: 75 Resp: 126444
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

