

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068764.D
 Acq On : 01 Apr 2021 17:53
 Operator : VA/SY
 Sample : M1889-02
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5S1-(0-2)

Quant Time: Apr 02 01:06:03 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)

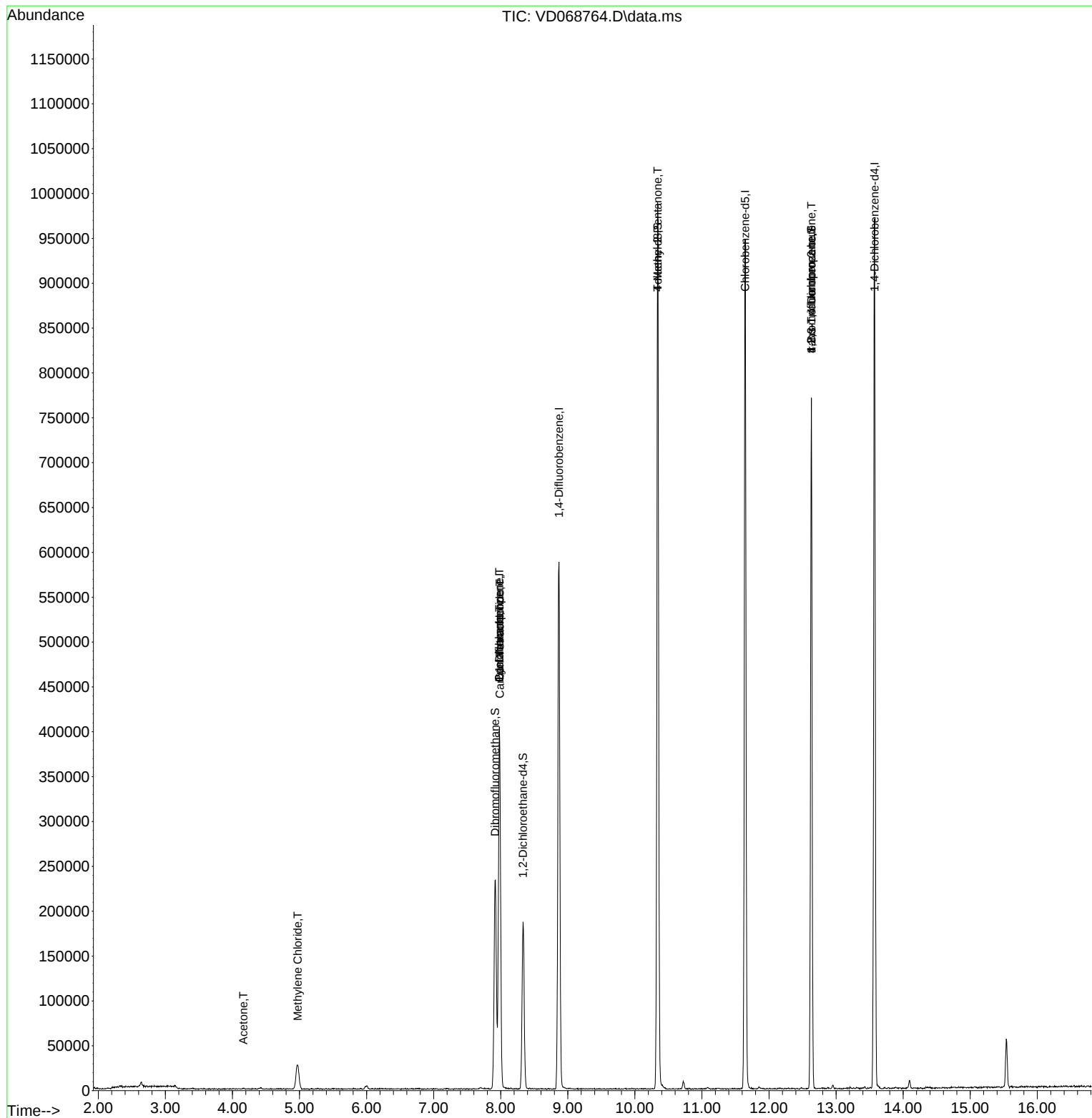
Internal Standards						
1) Pentafluorobenzene	7.979	168	308970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	567336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149272	47.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.82%		
35) Dibromofluoromethane	7.914	113	172171	50.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.42%		
50) Toluene-d8	10.338	98	699282	53.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.84%		
62) 4-Bromofluorobenzene	12.632	95	238474	56.19	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	112.38%		
Target Compounds					Qvalue	
16) Acetone	4.162	43	894	2.37	ug/l #	40
20) Methylene Chloride	4.973	84	23636	1.07	ug/l	89
31) Cyclohexane	7.979	56	6733	1.34	ug/l #	3
36) 1,1-Dichloropropene	7.979	75	23921	4.91	ug/l #	49
38) Carbon Tetrachloride	7.985	117	31540	6.48	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	2599	1.69	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	121824	55.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	121824	126.20	ug/l #	16

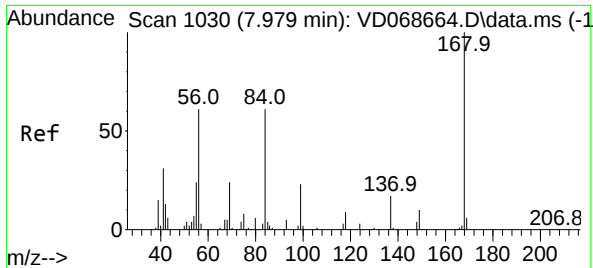
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
TP-5S1-(0-2)

Quant Time: Apr 02 01:06:03 2021
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Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

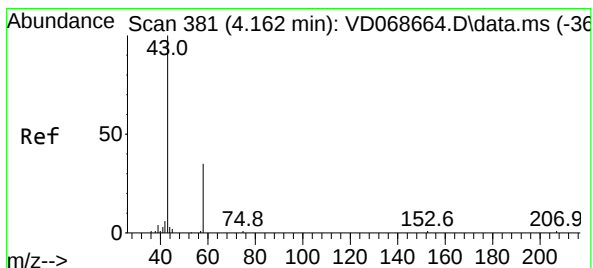
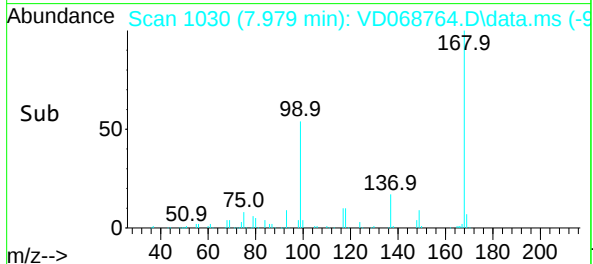
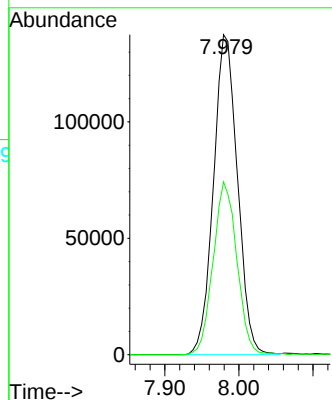
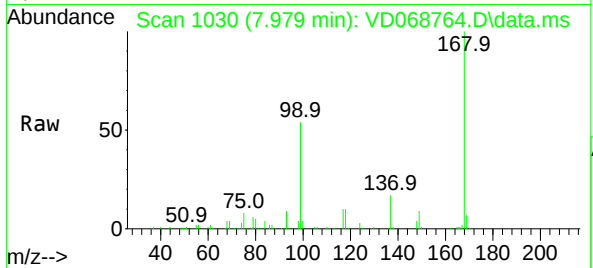




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

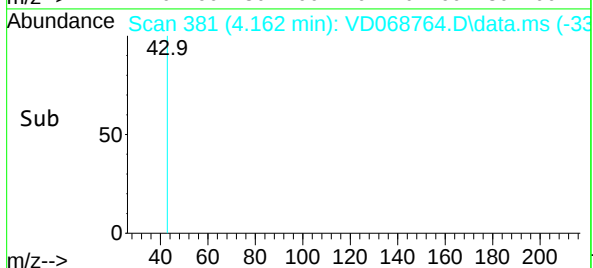
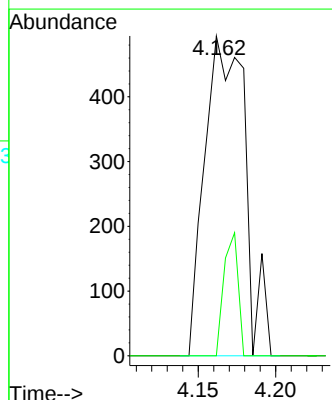
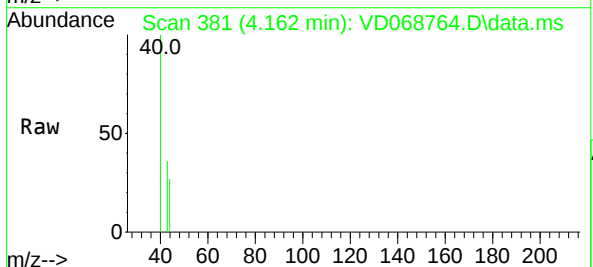
Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)

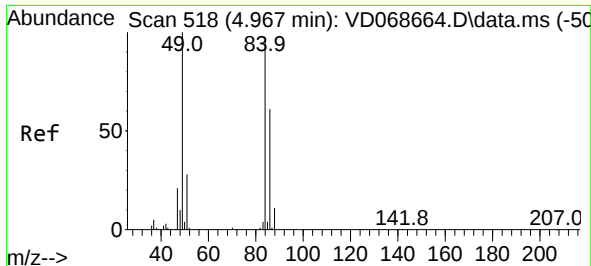
Tgt Ion:168 Resp: 308970
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#16
Acetone
Concen: 2.37 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

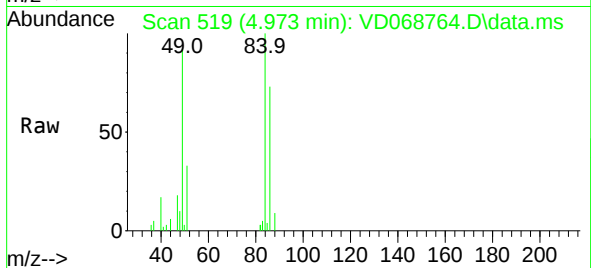
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



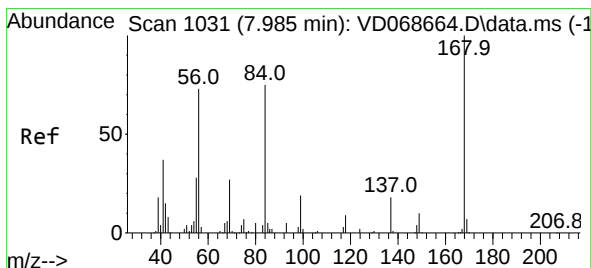
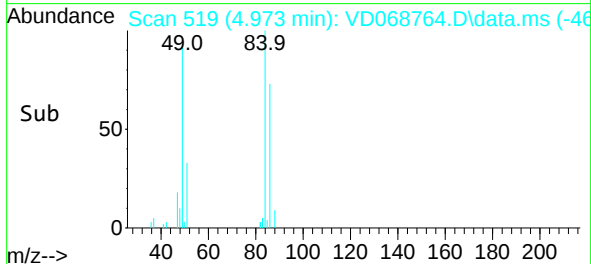
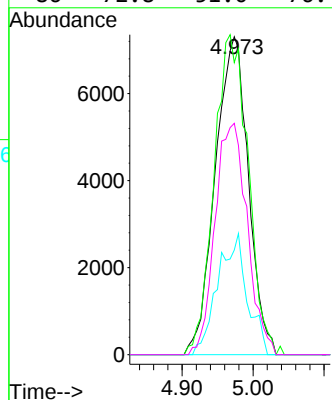


#20
Methylene Chloride
Concen: 1.07 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

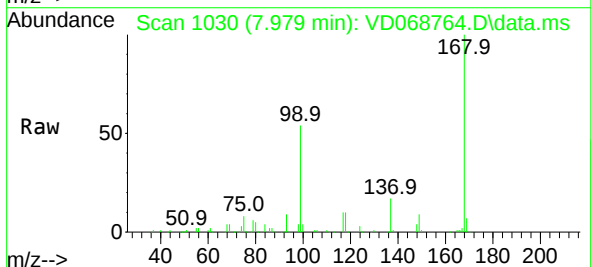
Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)



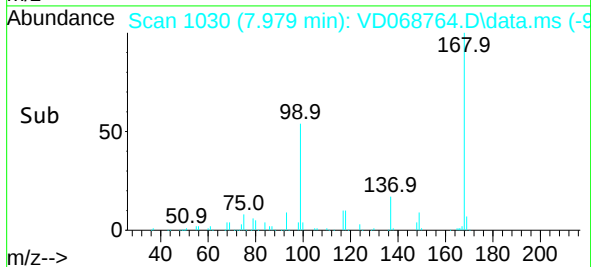
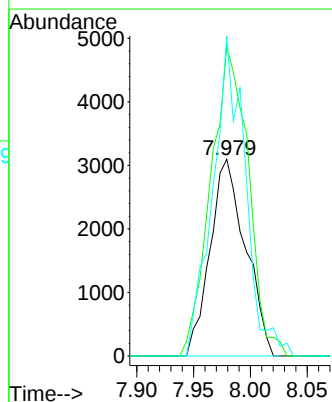
Tgt Ion:	84	Resp:	23636
Ion	Ratio	Lower	Upper
84	100		
49	91.9	83.4	125.0
51	32.9	23.4	35.2
86	72.8	51.0	76.4

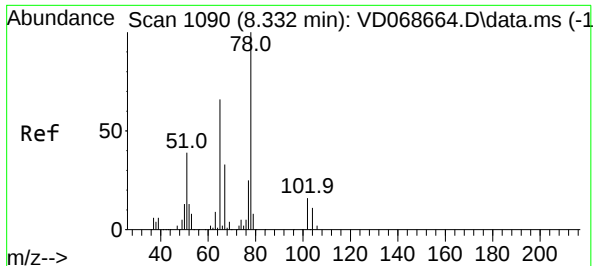


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53



Tgt Ion:	56	Resp:	6733
Ion	Ratio	Lower	Upper
56	100		
69	157.4	30.0	45.0#
84	162.8	82.0	123.0#

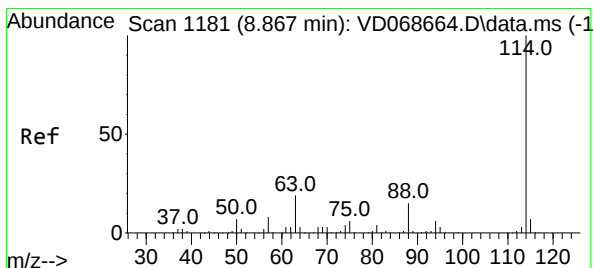
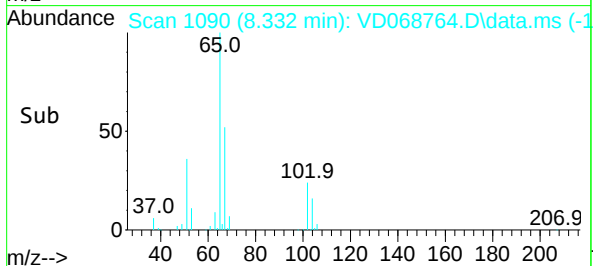
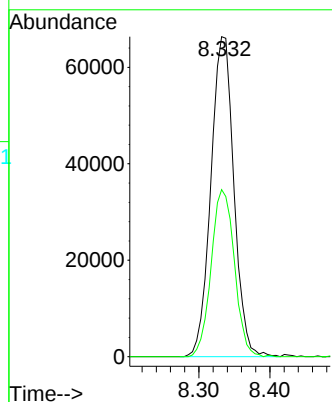
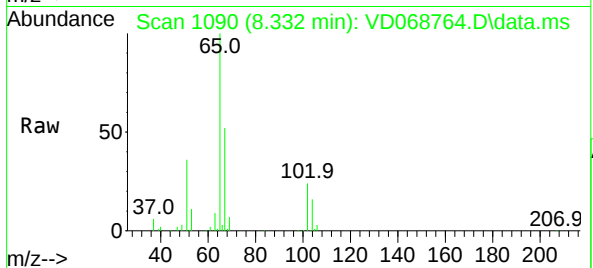




#33
 1,2-Dichloroethane-d4
 Concen: 47.91 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD068764.D
 Acq: 01 Apr 2021 17:53

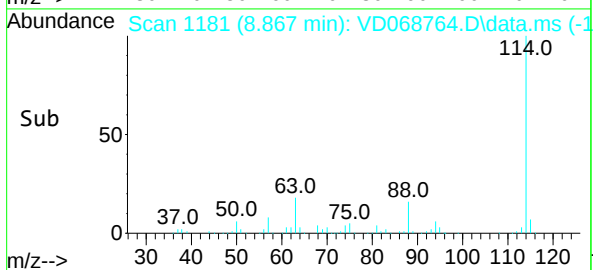
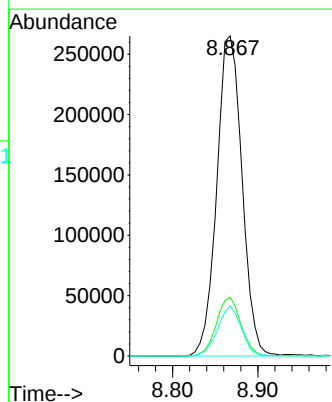
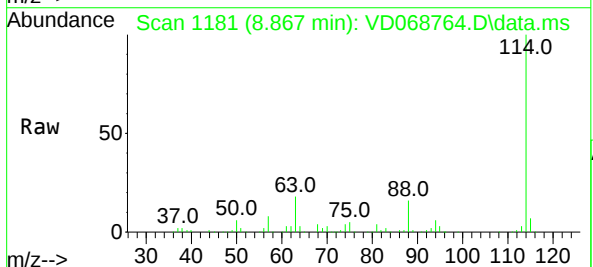
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5S1-(0-2)

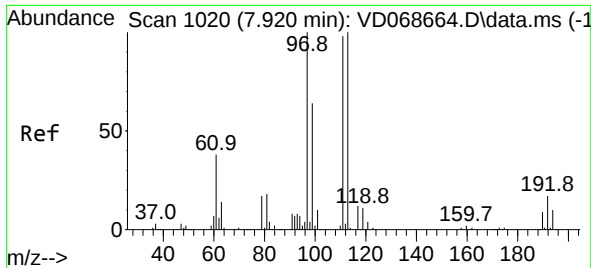
Tgt Ion: 65 Resp: 149272
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068764.D
 Acq: 01 Apr 2021 17:53

Tgt Ion: 114 Resp: 545736
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.2
 88 15.6 0.0 29.4

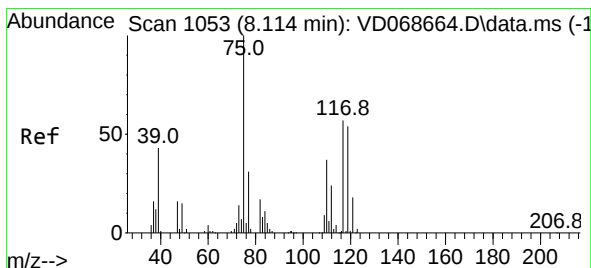
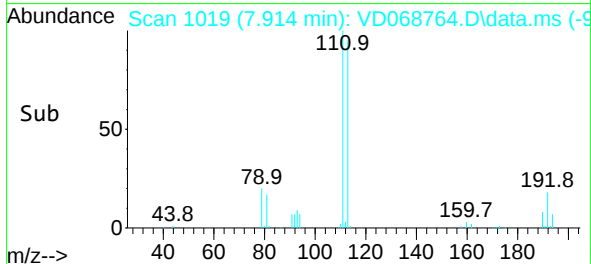
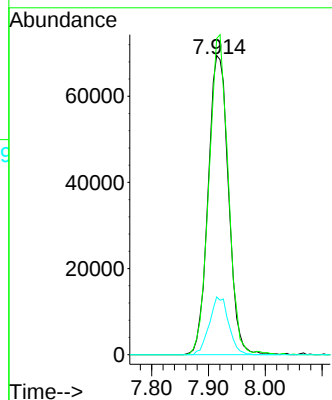
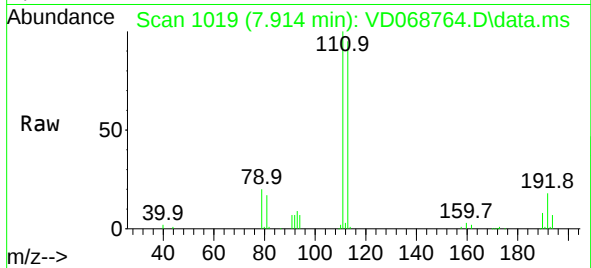




#35
Dibromofluoromethane
Concen: 50.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

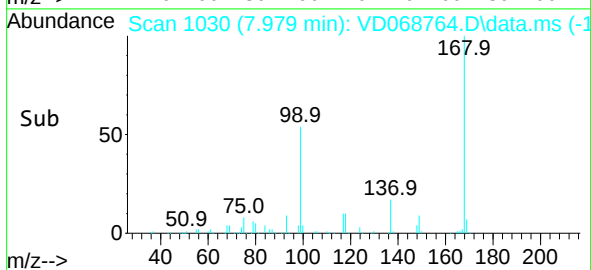
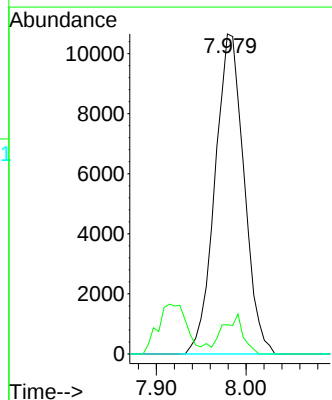
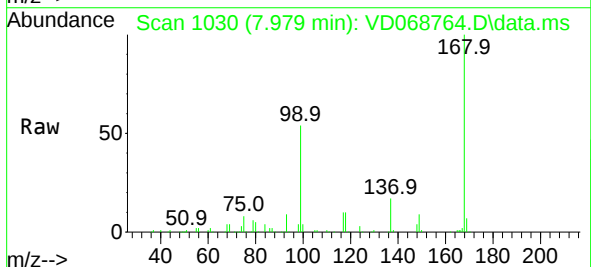
Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)

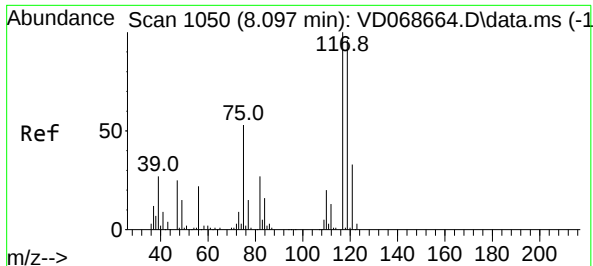
Tgt Ion:113 Resp: 172171
Ion Ratio Lower Upper
113 100
111 100.9 82.5 123.7
192 18.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion: 75 Resp: 23921
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 24.7 37.1#

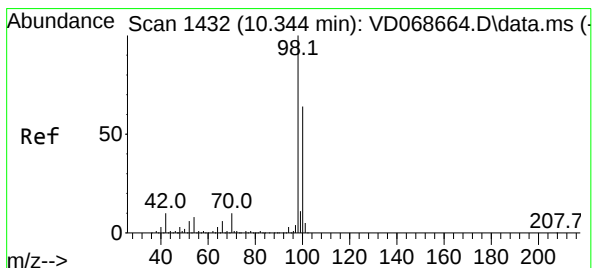
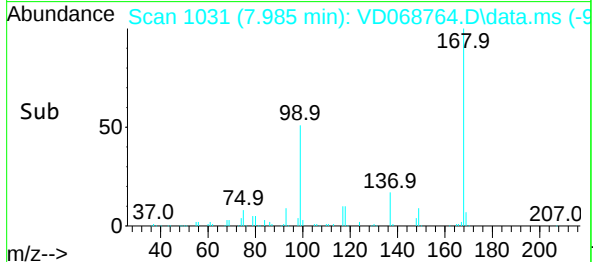
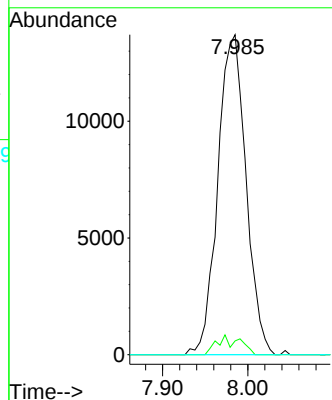
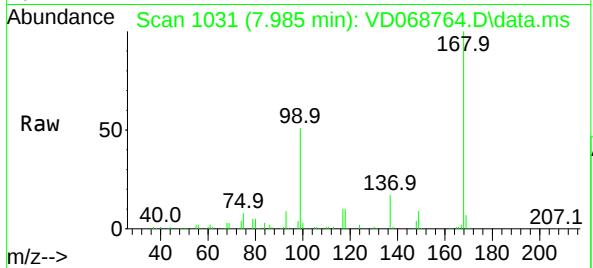




#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

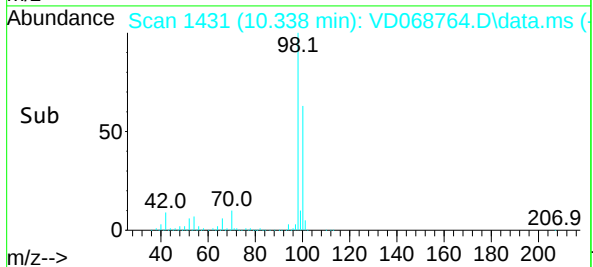
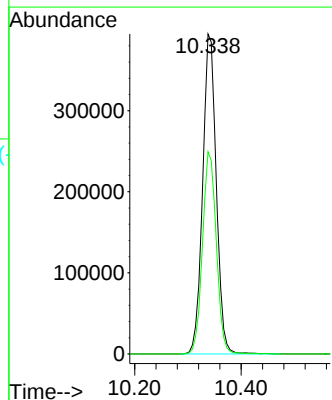
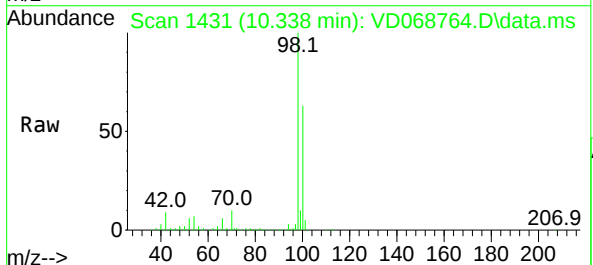
Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)

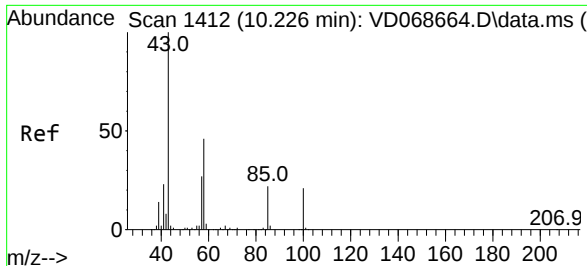
Tgt Ion:117 Resp: 31540
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion: 98 Resp: 699282
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

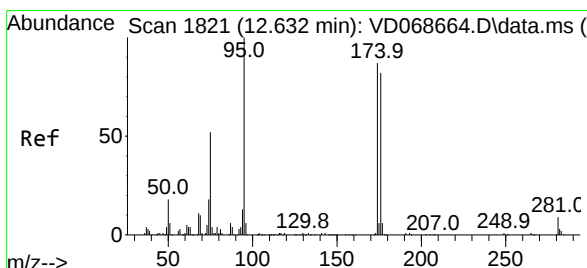
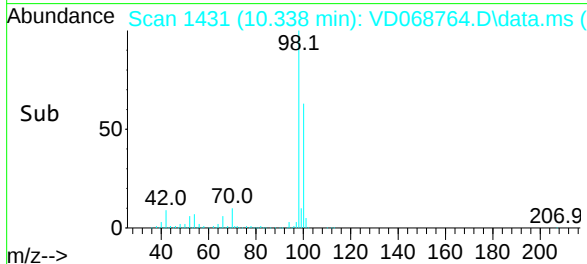
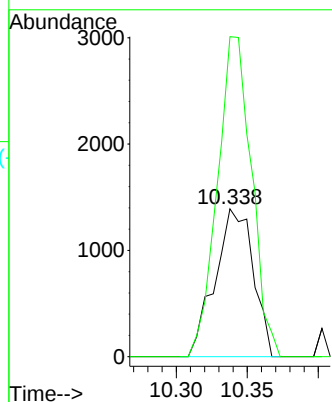
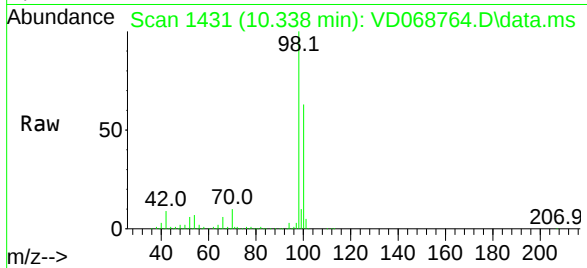




#51
4-Methyl-2-Pentanone
Concen: 1.69 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

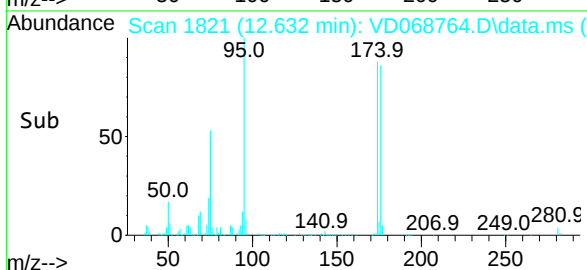
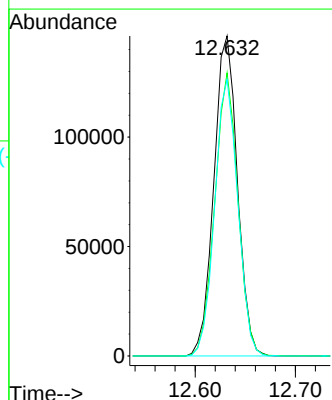
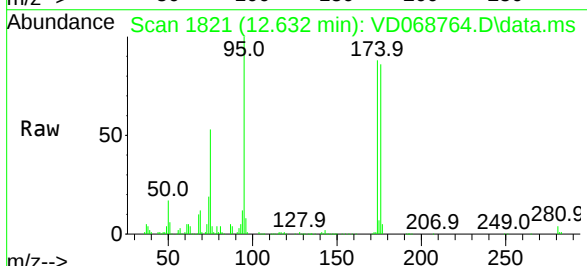
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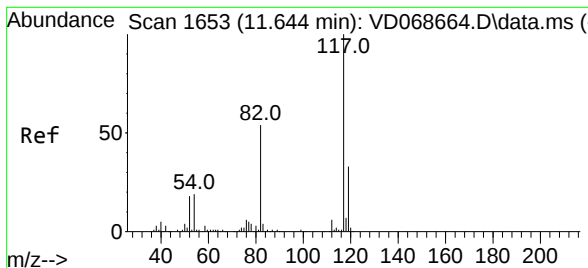
Tgt Ion: 43 Resp: 2599
Ion Ratio Lower Upper
43 100
58 194.1 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 56.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion: 95 Resp: 238474
Ion Ratio Lower Upper
95 100
174 86.7 0.0 168.0
176 84.6 0.0 160.2

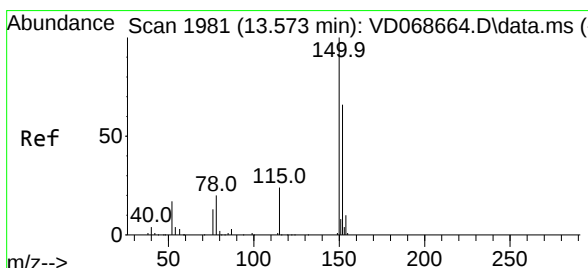
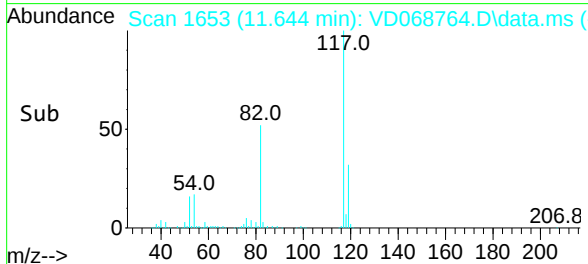
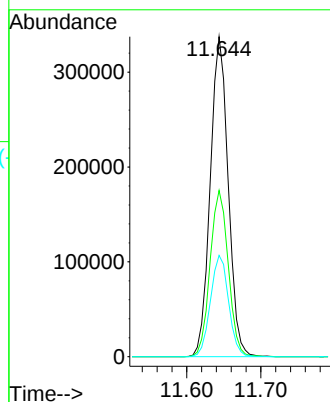
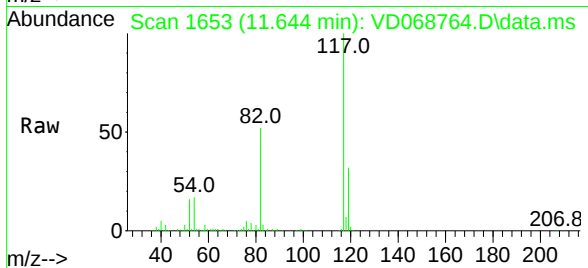




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

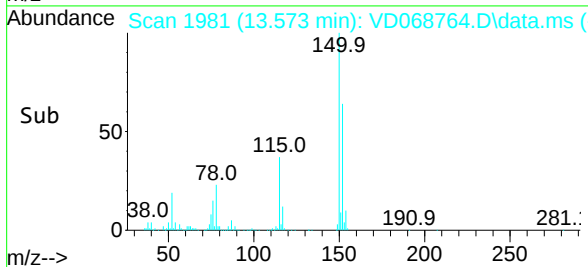
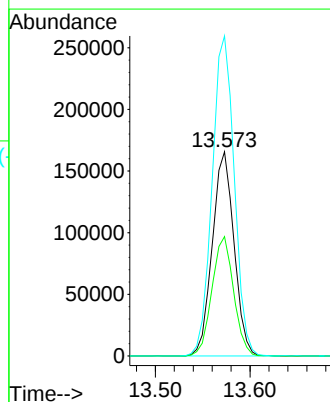
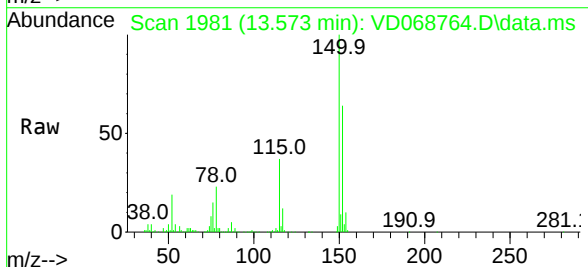
Instrument :
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TP-5S1-(0-2)

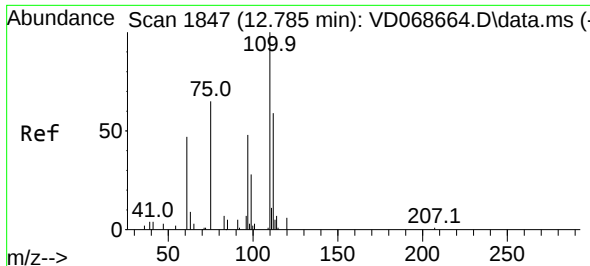
Tgt Ion:117 Resp: 567336
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion:152 Resp: 263864
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 159.5 0.0 347.6

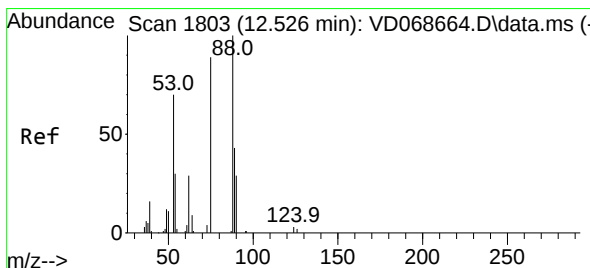
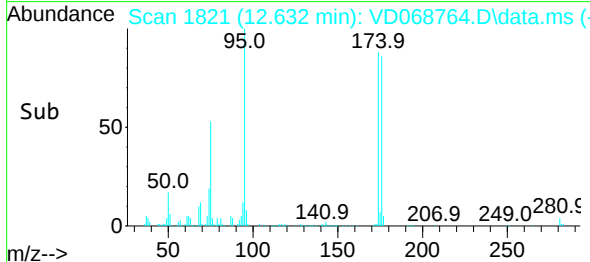
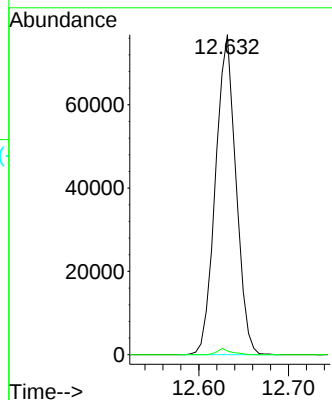
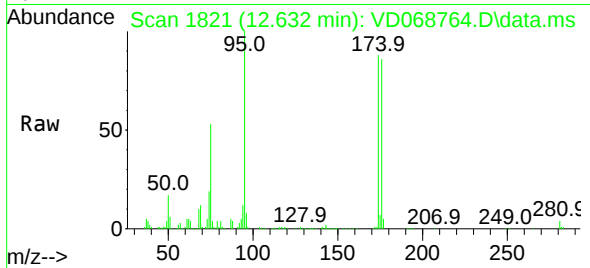




#76
1,2,3-Trichloropropane
Concen: 55.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)

Tgt Ion: 75 Resp: 121824
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion: 75 Resp: 121824
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

