

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068874.D
 Acq On : 16 Apr 2021 14:28
 Operator : VA/SY
 Sample : M2049-16
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-0-2.0

Quant Time: Apr 16 23:49:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

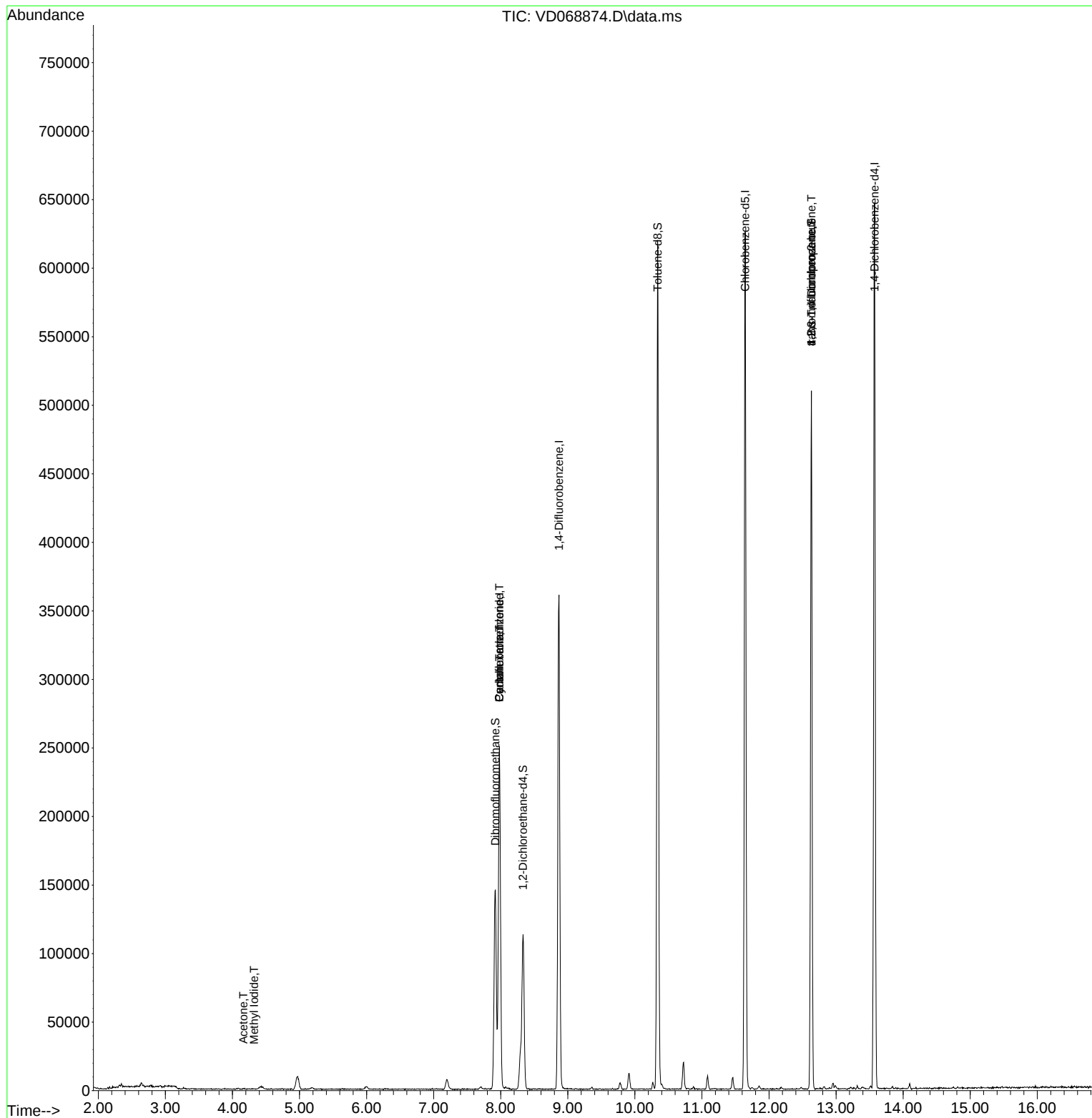
Internal Standards						
1) Pentafluorobenzene	7.979	168	185144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	330755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	373466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	180668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	88023	44.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.98%
35) Dibromofluoromethane	7.920	113	105090	48.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.70%
50) Toluene-d8	10.338	98	429649	52.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.88%
62) 4-Bromofluorobenzene	12.632	95	158992	58.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.98%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	55	2.27	ug/l #	41
11) Tert butyl alcohol	5.238	59	144	Below	Cal #	73
16) Acetone	4.162	43	740	2.73	ug/l #	81
20) Methylene Chloride	4.973	84	8656	Below	Cal	88
31) Cyclohexane	7.979	56	4389	1.35	ug/l #	33
38) Carbon Tetrachloride	7.979	117	18206	5.49	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	79012	47.87	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	79012	111.10	ug/l #	16

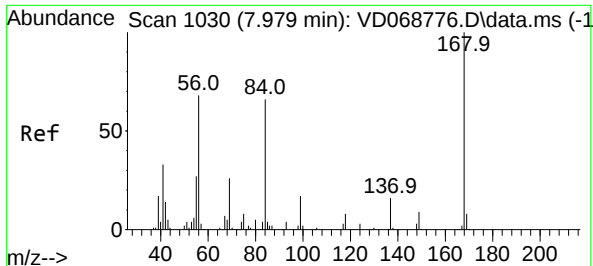
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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SB-12-0-2.0

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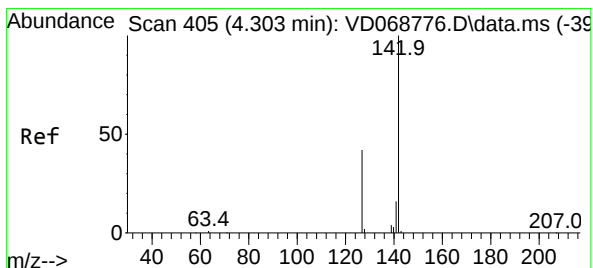
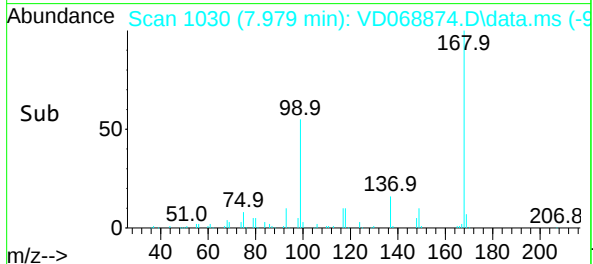
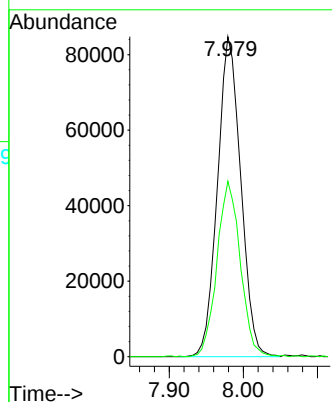
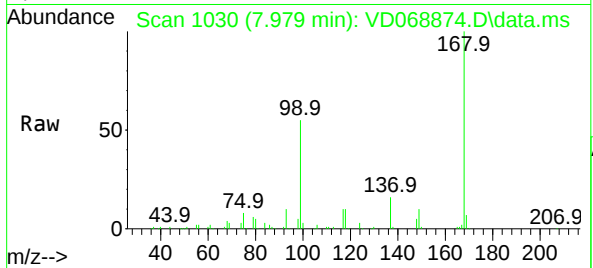




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

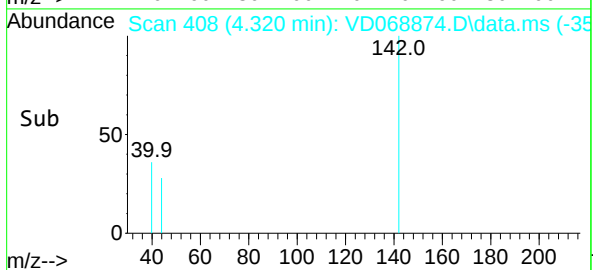
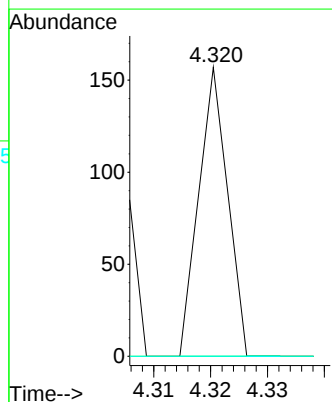
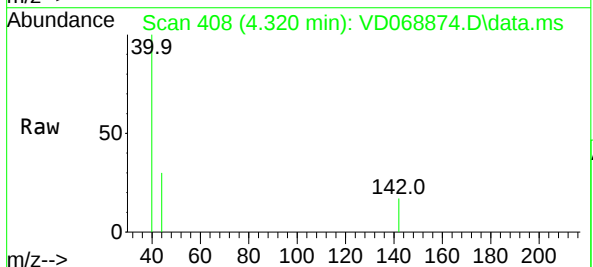
Instrument :
MSVOA_D
ClientSampleId :
SB-12-0-2.0

Tgt Ion:168 Resp: 185144
Ion Ratio Lower Upper
168 100
99 54.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

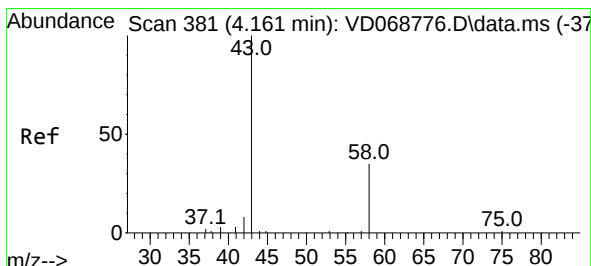
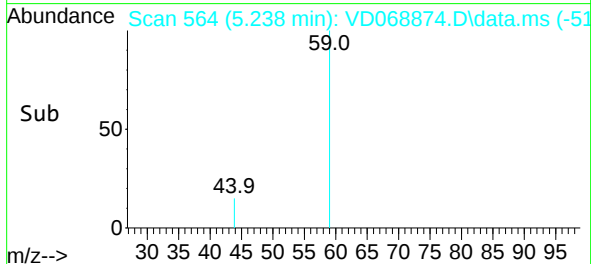
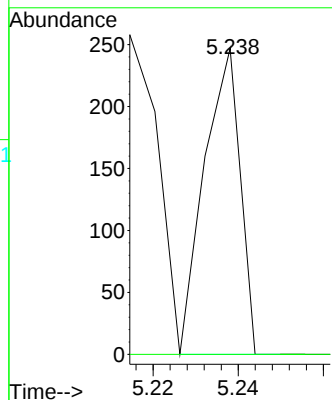
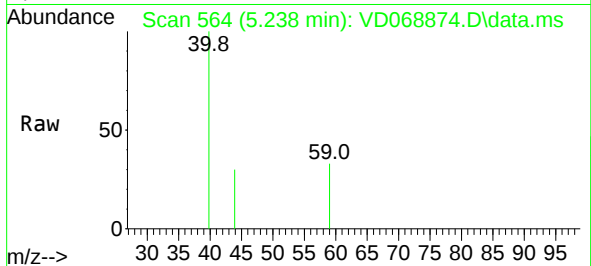




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

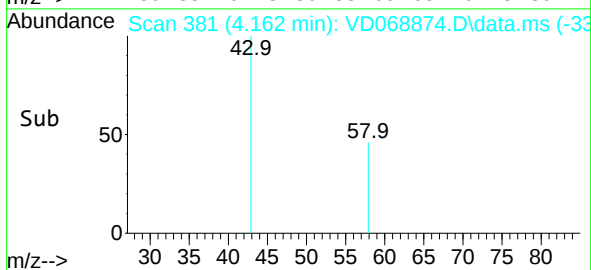
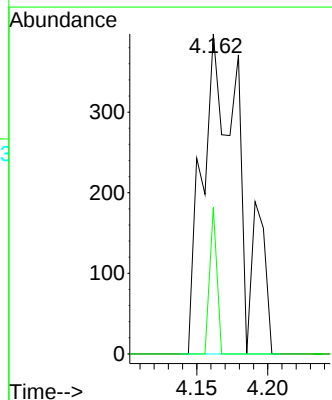
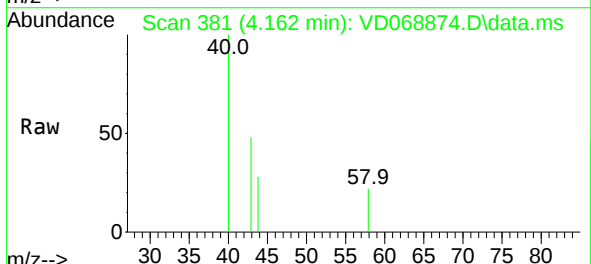
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MSVOA_D
ClientSampleId :
SB-12-0-2.0

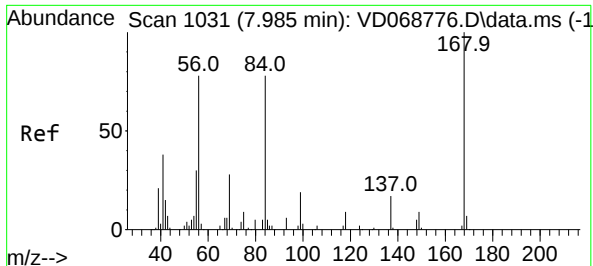
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.73 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 45.8 28.0 42.0#

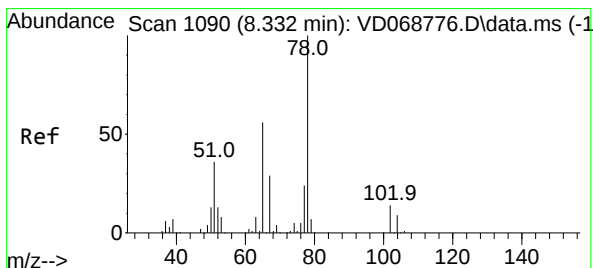
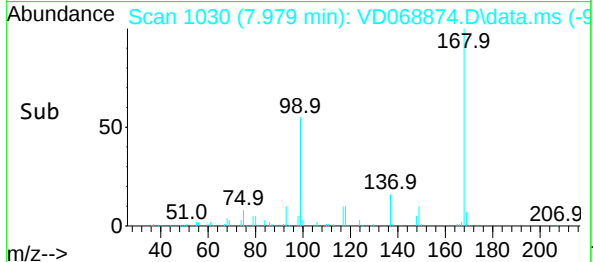
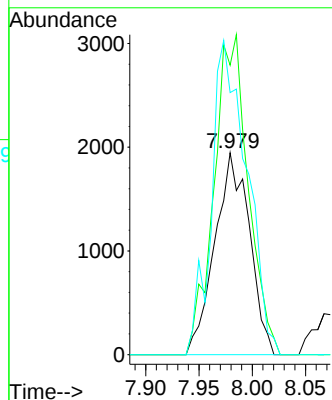
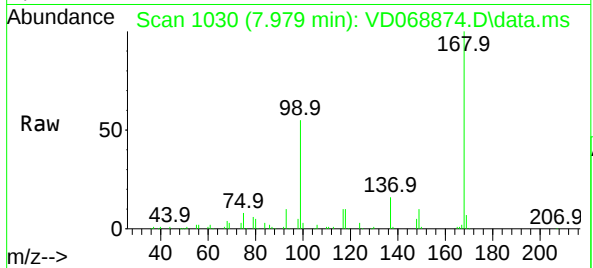




#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

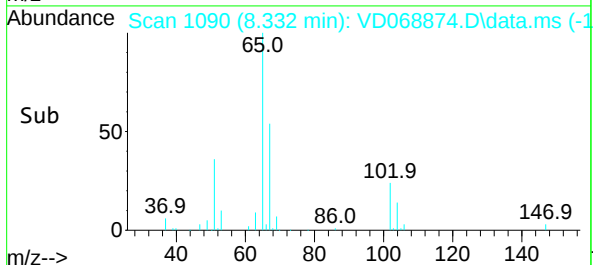
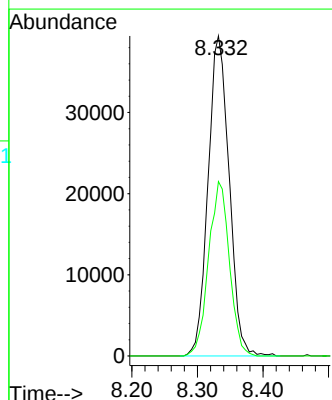
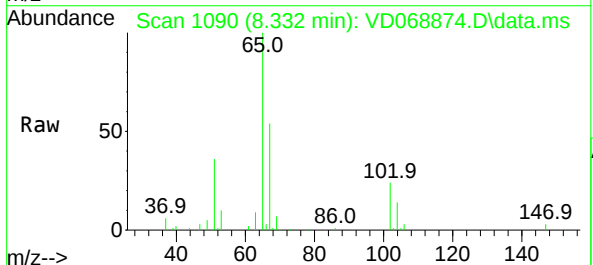
Instrument :
MSVOA_D
ClientSampleId :
SB-12-0-2.0

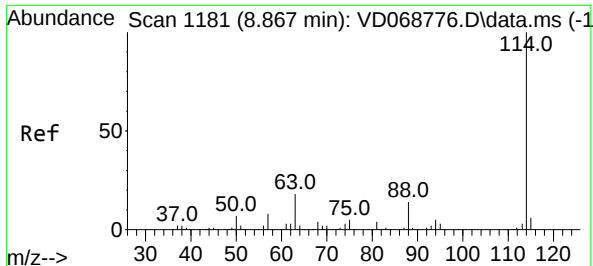
Tgt Ion: 56 Resp: 4389
Ion Ratio Lower Upper
56 100
69 143.4 30.0 45.0#
84 129.8 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 44.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

Tgt Ion: 65 Resp: 88023
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.0

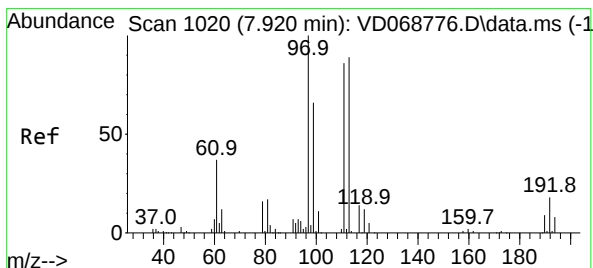
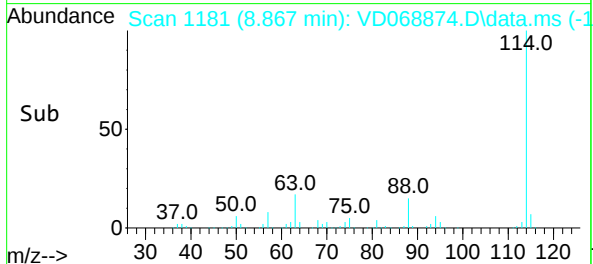
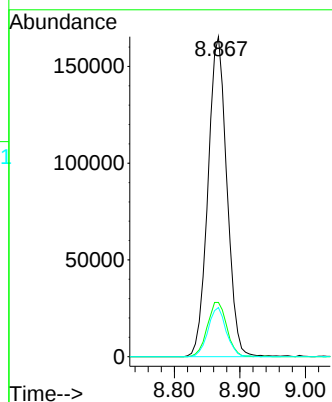
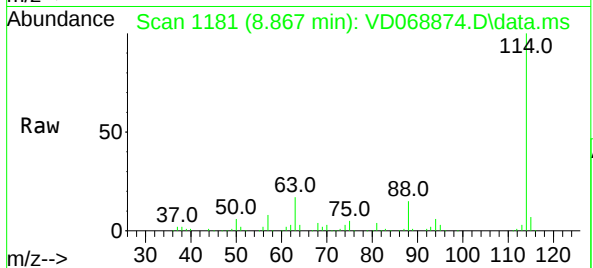




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

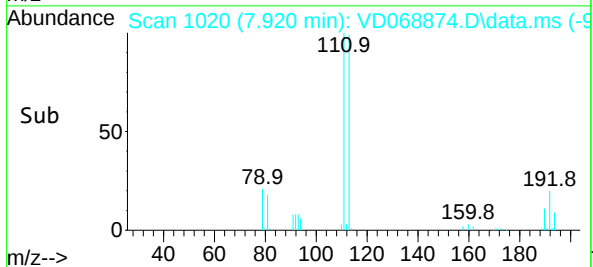
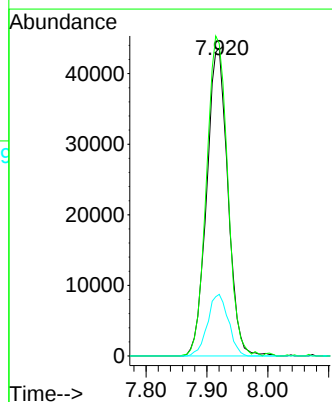
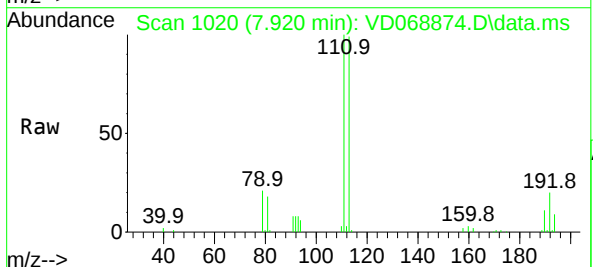
Instrument :
MSVOA_D
ClientSampleId :
SB-12-0-2.0

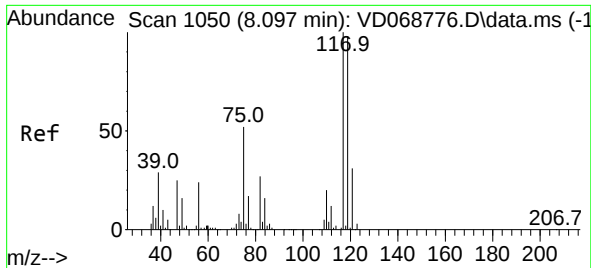
Tgt Ion:114 Resp: 330755
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.85 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

Tgt Ion:113 Resp: 105090
Ion Ratio Lower Upper
113 100
111 104.2 82.5 123.7
192 19.6 15.1 22.7

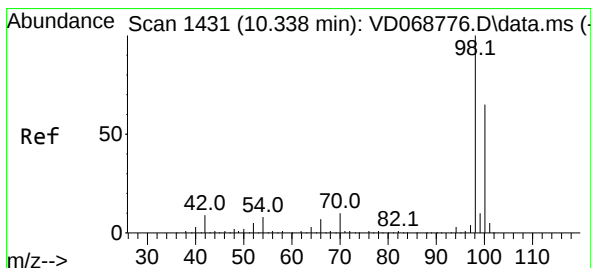
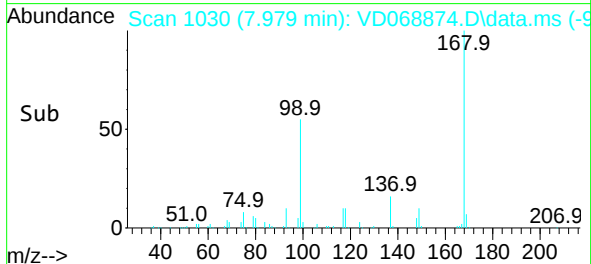
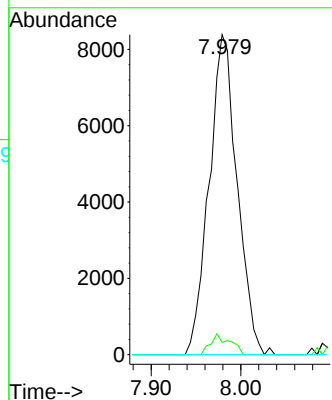
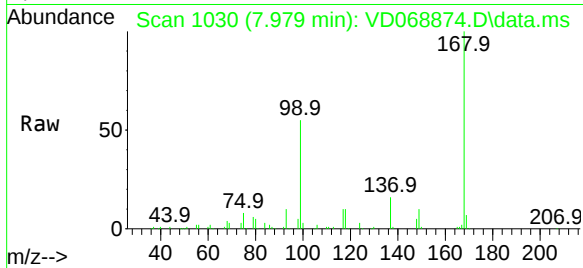




#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

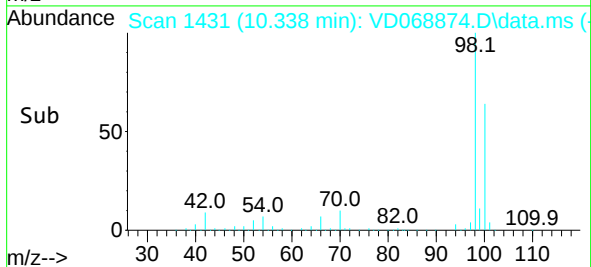
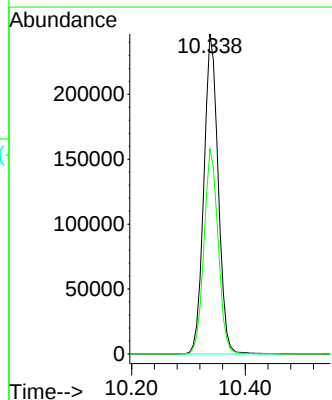
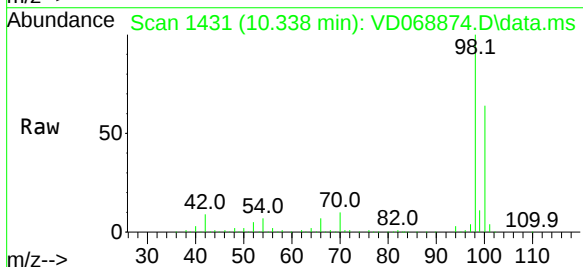
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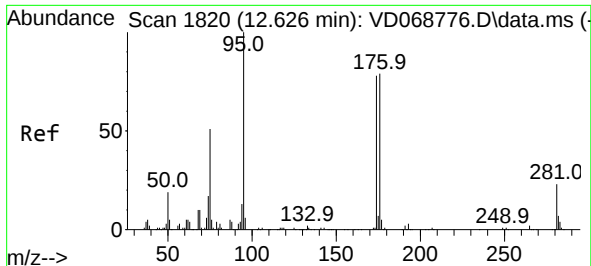
Tgt Ion:117 Resp: 18206
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

Tgt Ion: 98 Resp: 429649
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

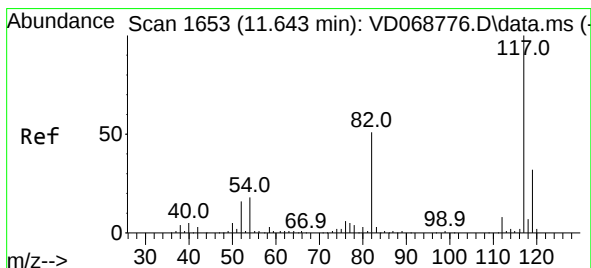
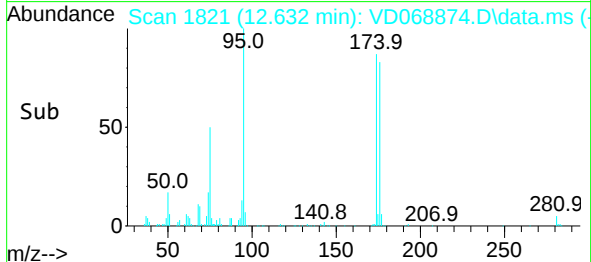
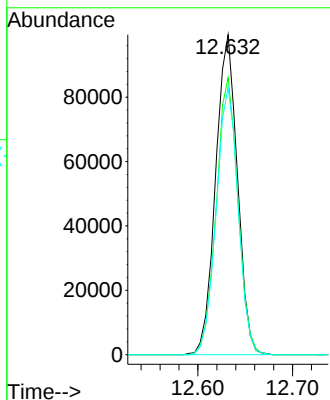
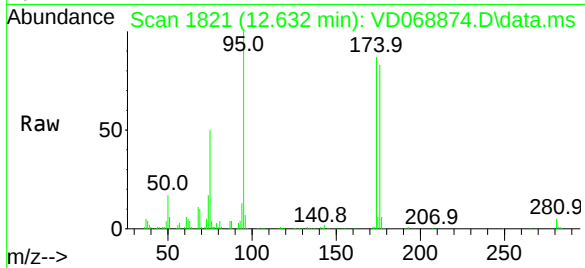




#62
4-Bromofluorobenzene
Concen: 58.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

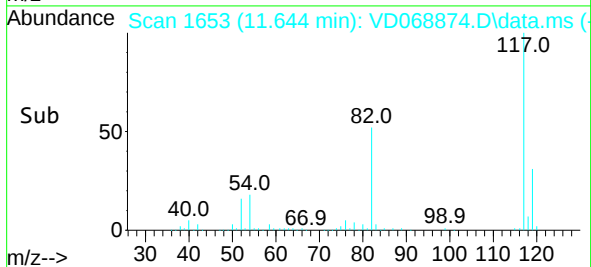
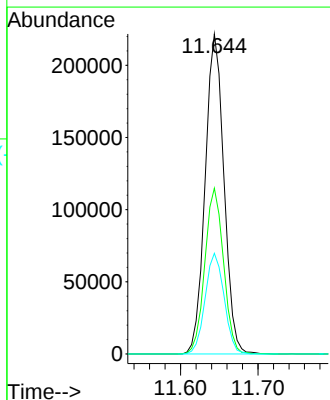
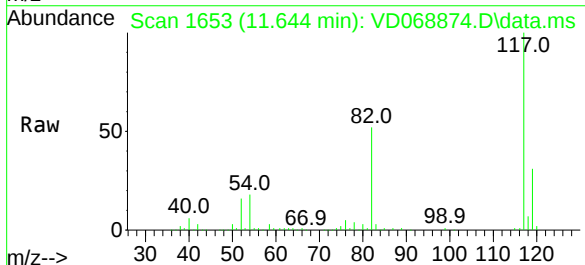
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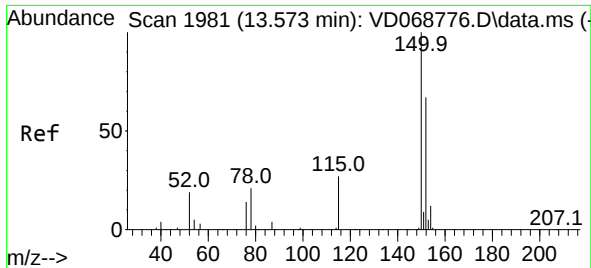
Tgt Ion: 95 Resp: 158992
Ion Ratio Lower Upper
95 100
174 86.4 0.0 168.0
176 83.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

Tgt Ion: 117 Resp: 373466
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 31.4 26.7 40.1

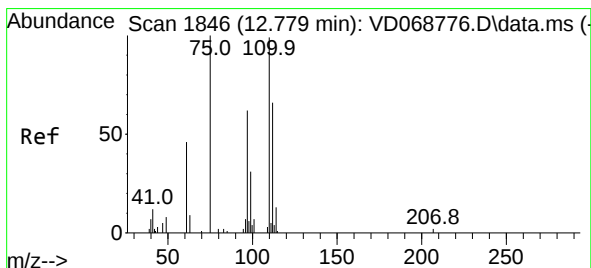
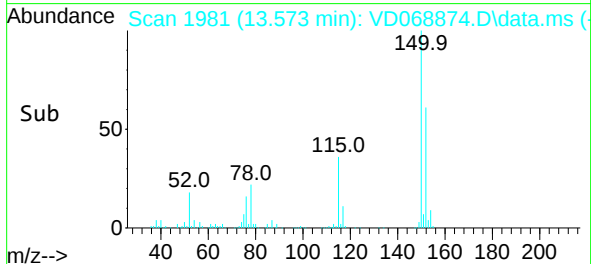
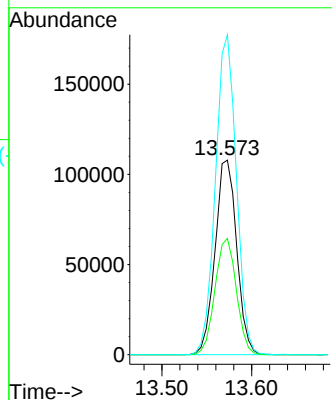
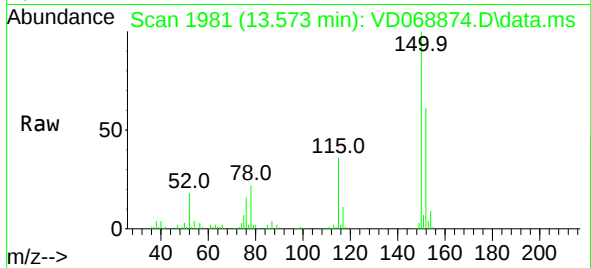




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

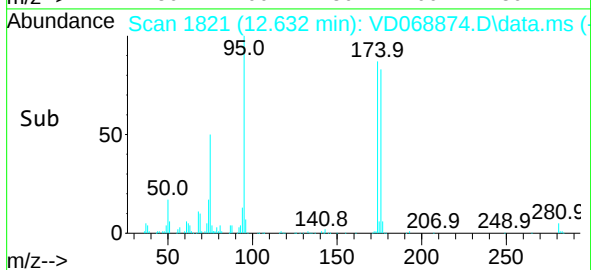
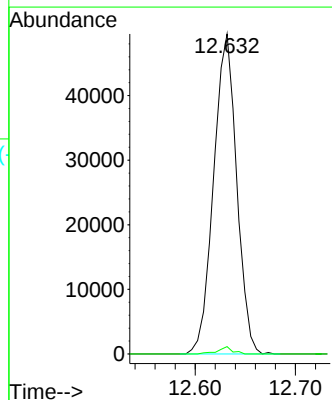
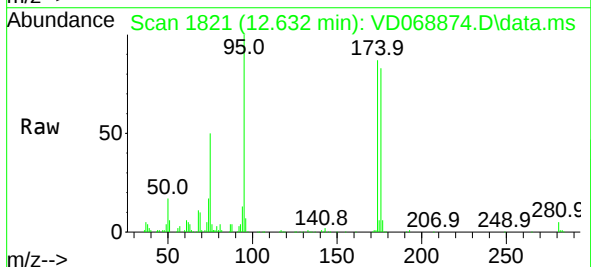
Instrument :
MSVOA_D
ClientSampleId :
SB-12-0-2.0

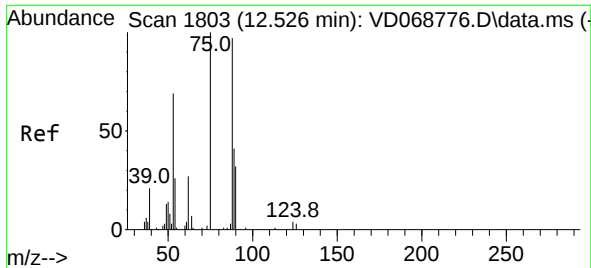
Tgt Ion:152 Resp: 180668
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.8
150 158.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068874.D
Acq: 16 Apr 2021 14:28

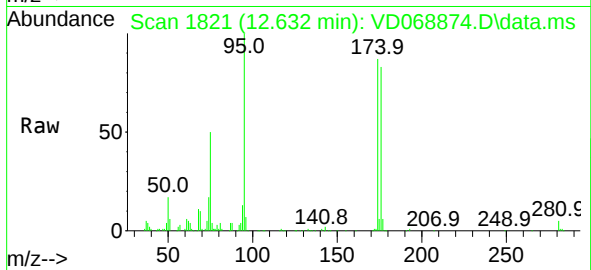
Tgt Ion: 75 Resp: 79012
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.10 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068874.D
 Acq: 16 Apr 2021 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-0-2.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	36.6	54.8#

