

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070088.D
 Acq On : 17 Aug 2021 15:11
 Operator : VA/SY
 Sample : M3445-02
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-1

Quant Time: Aug 18 03:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	450139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	949341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	964124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	443405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	336313	63.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.040%
35) Dibromofluoromethane	7.914	113	329231	53.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.360%
50) Toluene-d8	10.338	98	1247741	52.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.626	95	456472	58.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.180%

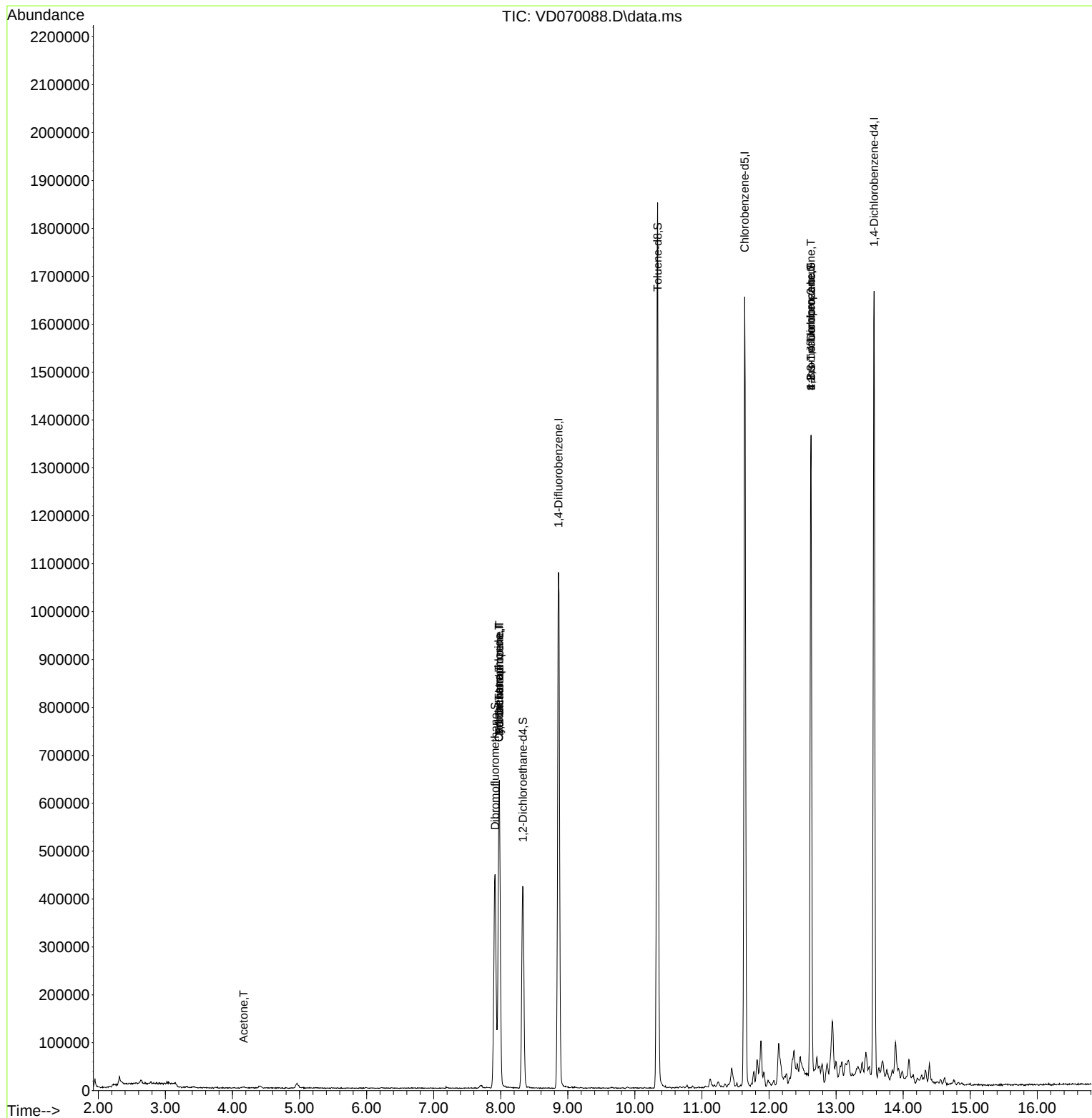
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	438	Below Cal	# 42
3) Chloromethane	2.209	50	1204	Below Cal	# 49
5) Bromomethane	2.779	94	2258	Below Cal	# 69
16) Acetone	4.167	43	4426	4.538	ug/l 100
20) Methylene Chloride	4.962	84	6972	Below Cal	# 81
31) Cyclohexane	7.973	56	10821	1.033	ug/l # 1
36) 1,1-Dichloropropene	7.979	75	42375	4.149	ug/l # 49
38) Carbon Tetrachloride	7.973	117	47844	5.160	ug/l # 14
76) 1,2,3-Trichloropropane	12.626	75	219992	48.923	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.626	75	219992	126.985	ug/l # 18

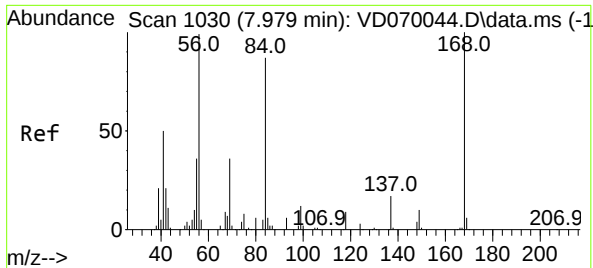
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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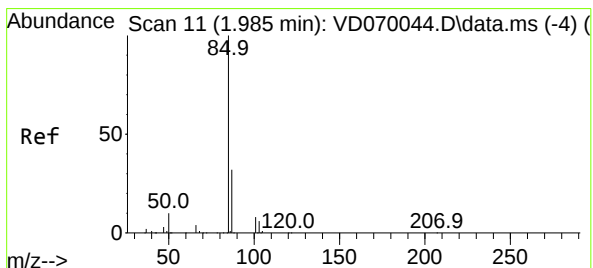
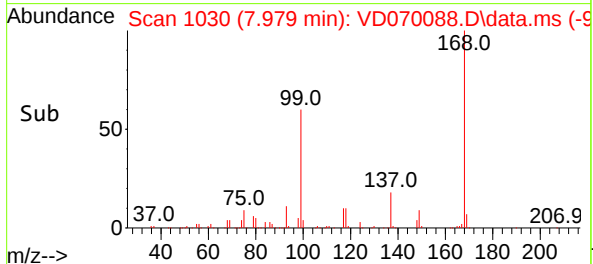
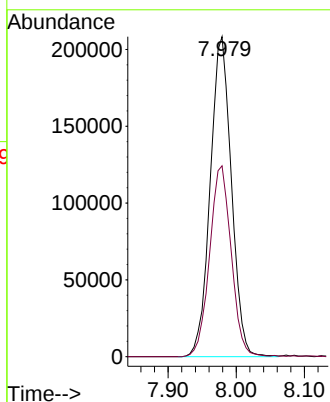
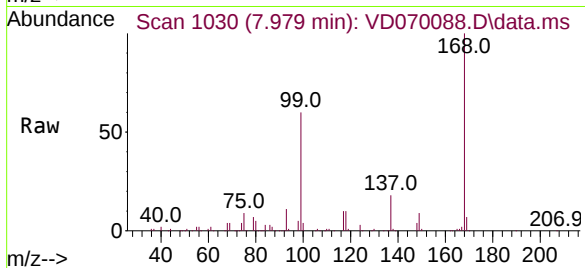




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

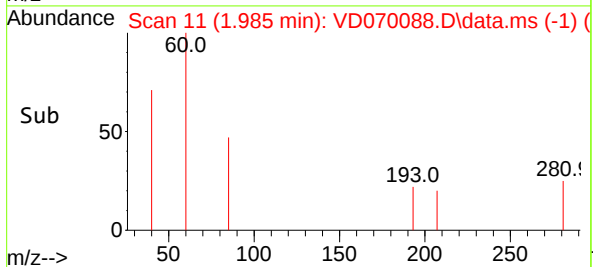
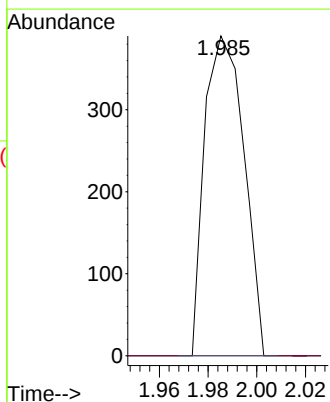
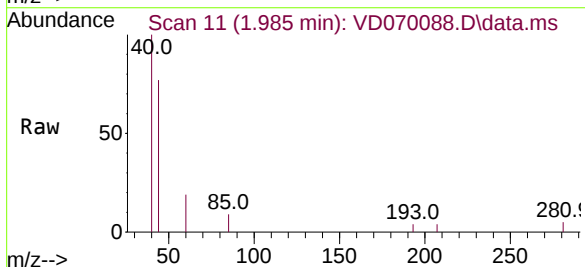
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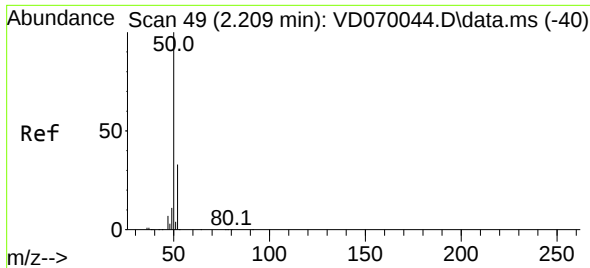
Tgt Ion:168 Resp: 450139
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 85 Resp: 438
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

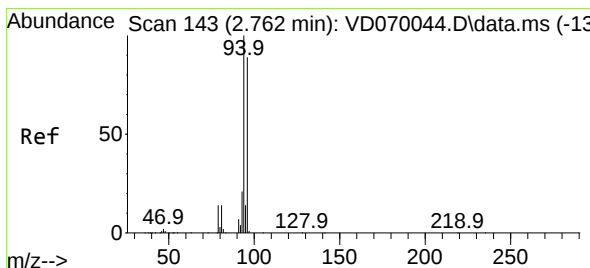
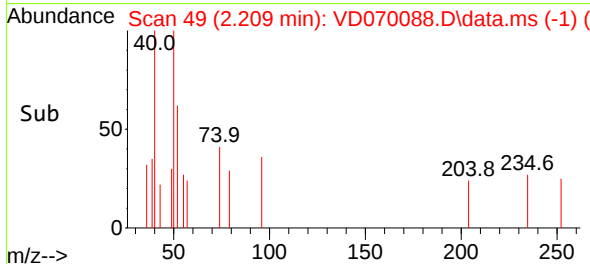
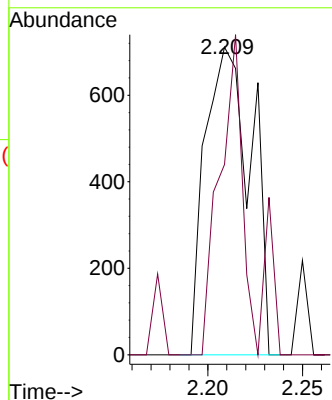
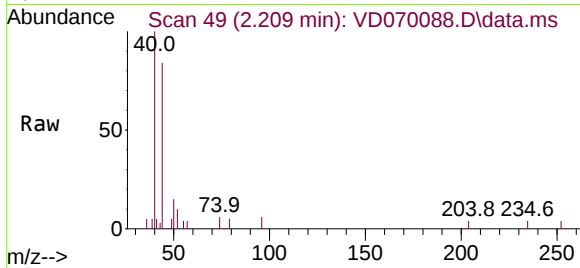




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

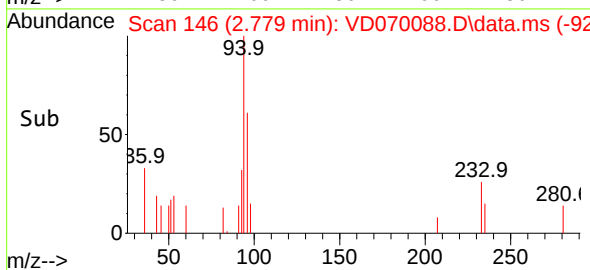
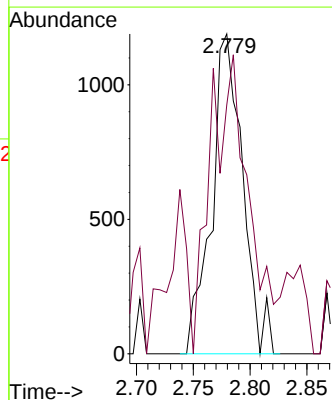
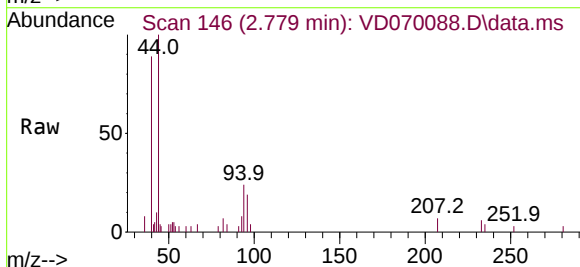
Instrument :
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ClientSampleId :
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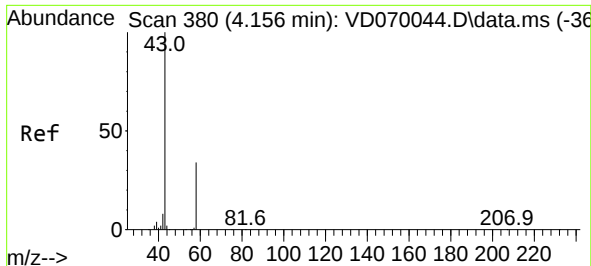
Tgt Ion: 50 Resp: 1204
Ion Ratio Lower Upper
50 100
52 61.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 94 Resp: 2258
Ion Ratio Lower Upper
94 100
96 60.1 70.9 106.3#

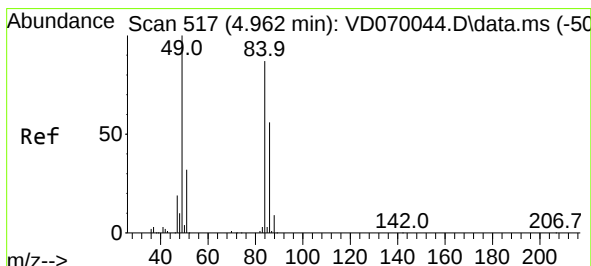
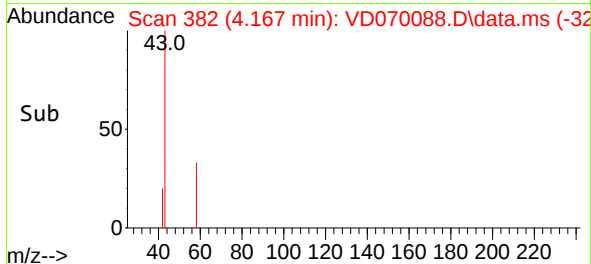
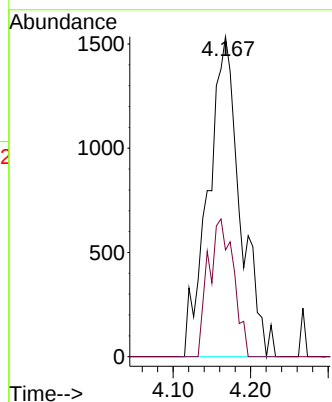
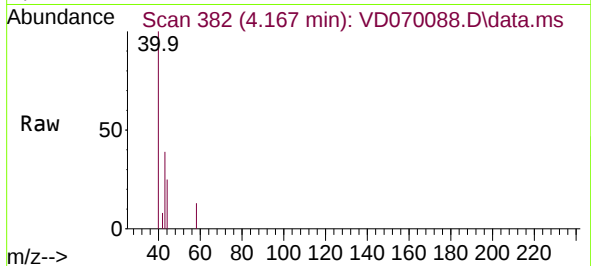




#16
Acetone
Concen: 4.538 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

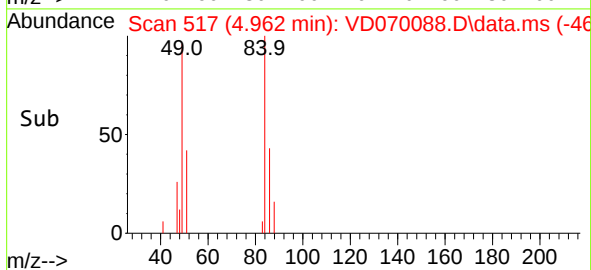
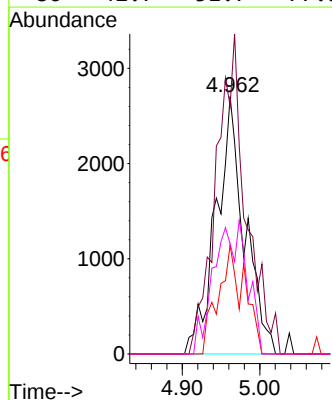
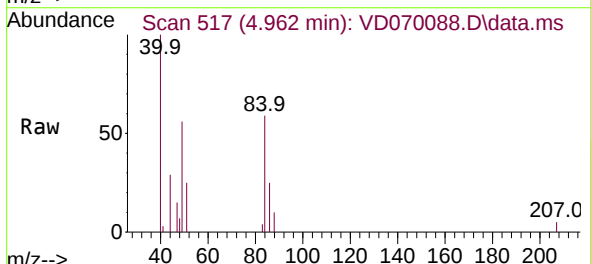
Instrument :
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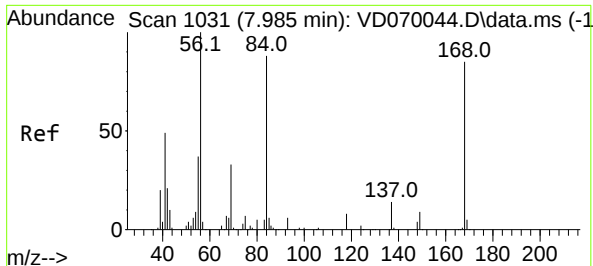
Tgt Ion: 43 Resp: 4426
Ion Ratio Lower Upper
43 100
58 33.4 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 84 Resp: 6972
Ion Ratio Lower Upper
84 100
49 96.3 92.5 138.7
51 42.3 29.7 44.5
86 42.7 51.7 77.5#

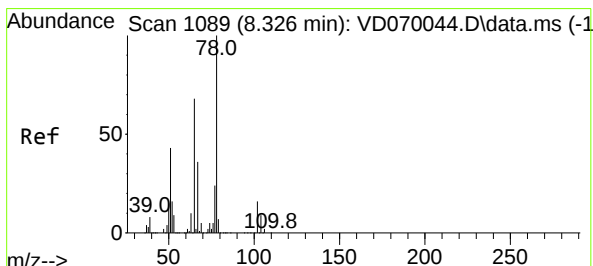
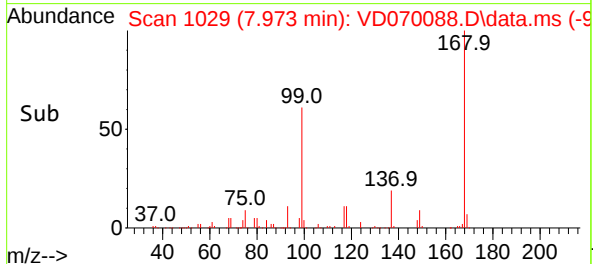
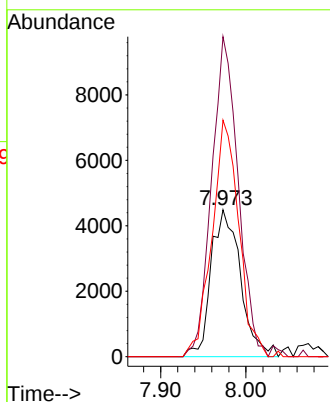
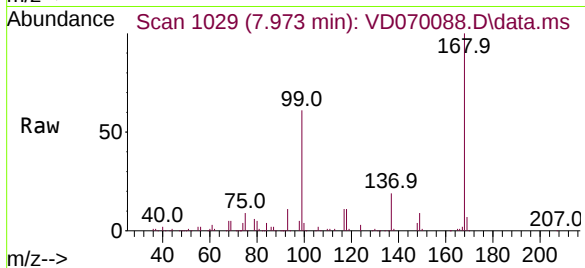




#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

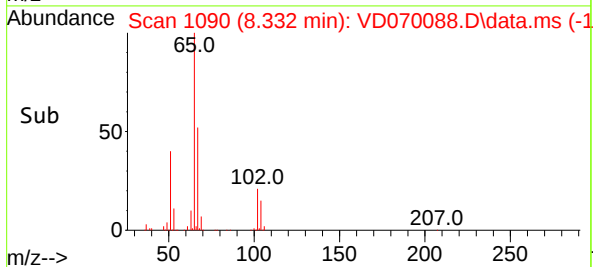
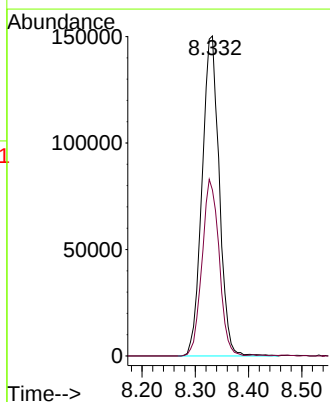
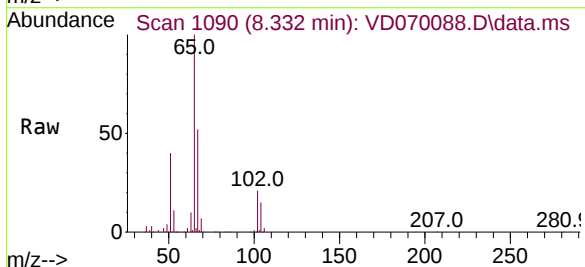
Instrument :
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ClientSampleId :
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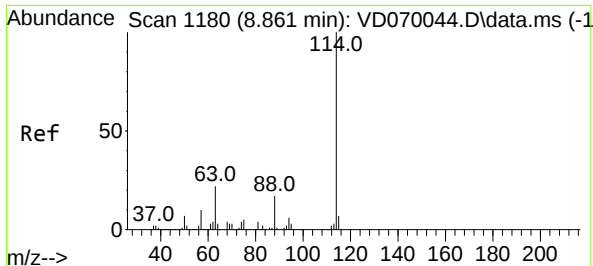
Tgt Ion: 56 Resp: 10821
Ion Ratio Lower Upper
56 100
69 217.9 26.7 40.1#
84 161.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 63.523 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 65 Resp: 336313
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8

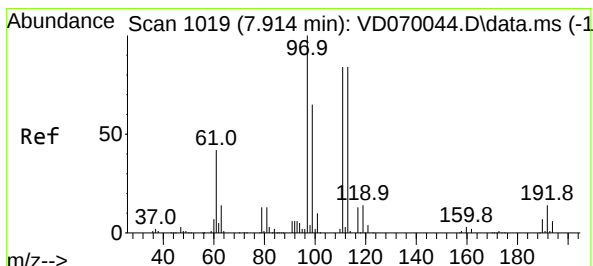
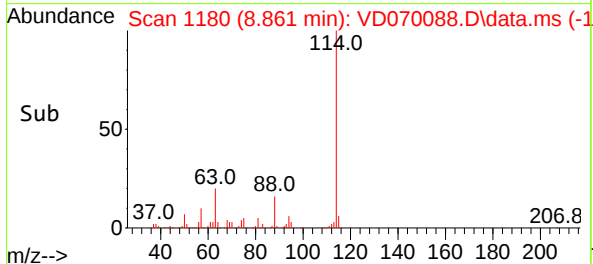
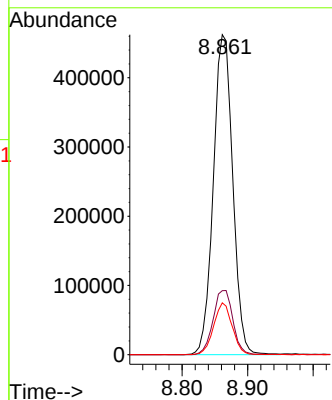
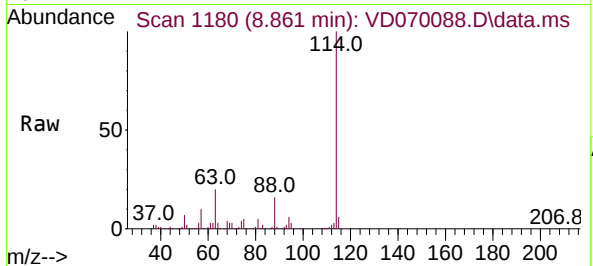




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

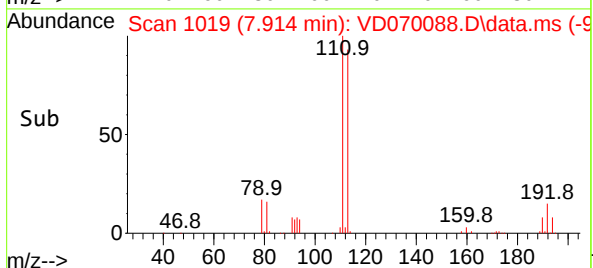
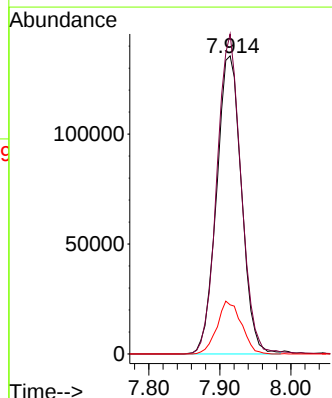
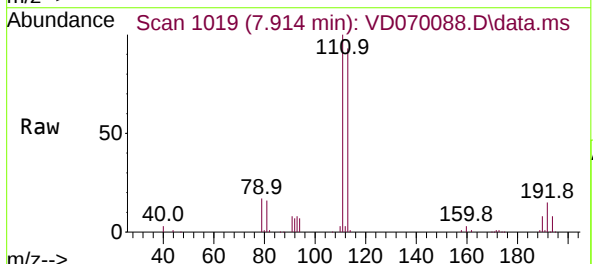
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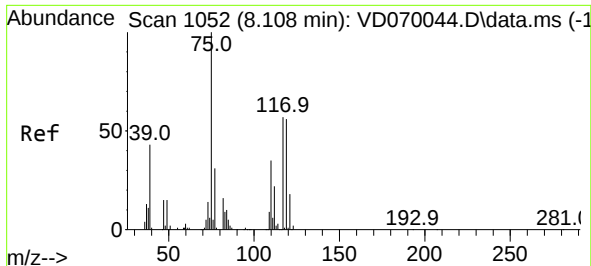
Tgt Ion:	114	Resp:	949341
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	43.6
88	16.2	0.0	33.4



#35
Dibromofluoromethane
Concen: 53.679 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion:	113	Resp:	329231
Ion Ratio	Lower	Upper	
113	100		
111	104.5	81.8	122.6
192	17.3	13.2	19.8

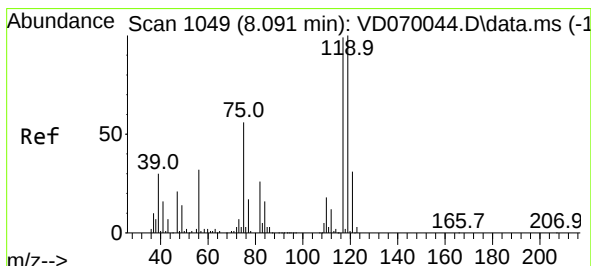
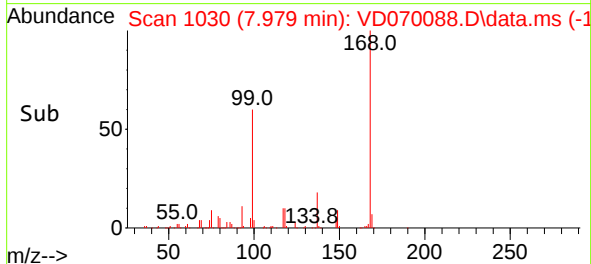
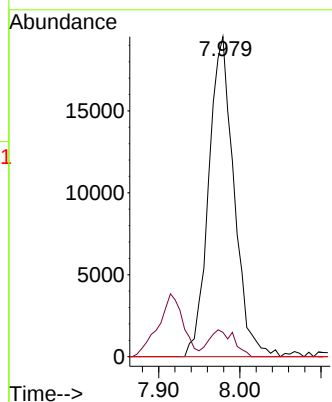
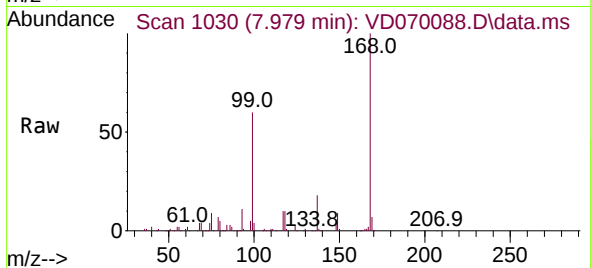




#36
1,1-Dichloropropene
Concen: 4.149 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

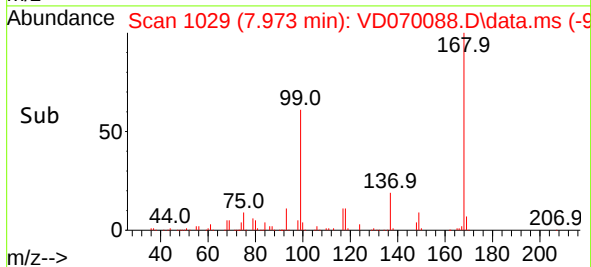
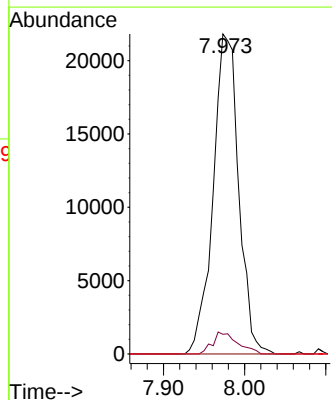
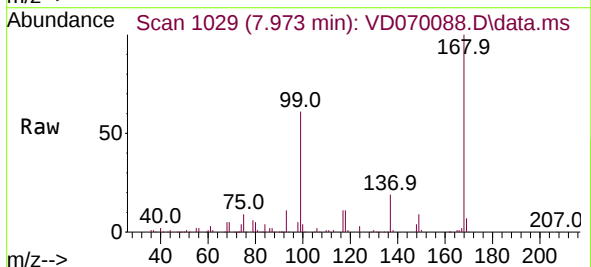
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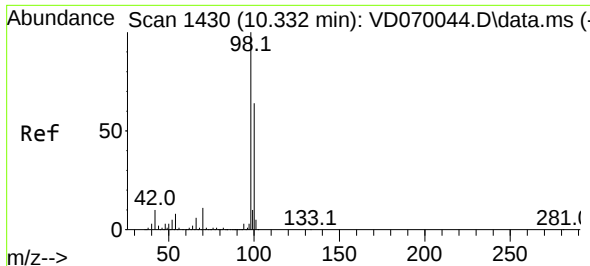
Tgt Ion: 75 Resp: 42375
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 117 Resp: 47844
Ion Ratio Lower Upper
117 100
119 6.1 81.0 121.6#
121 0.0 25.0 37.6#

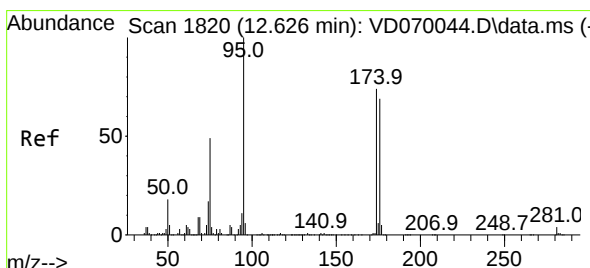
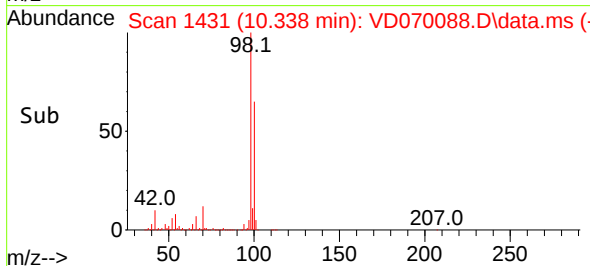
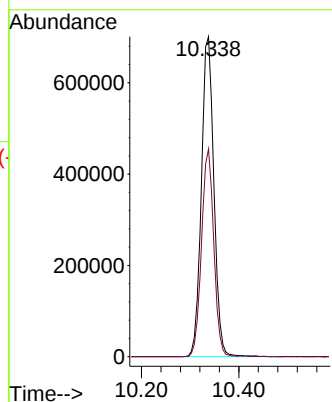
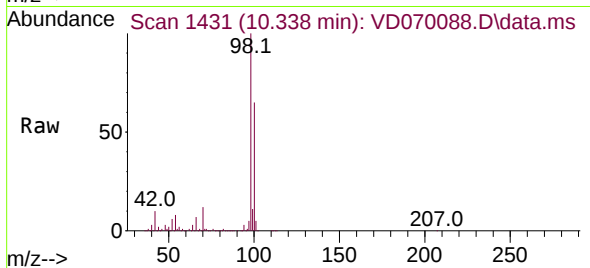




#50
Toluene-d8
Concen: 52.304 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

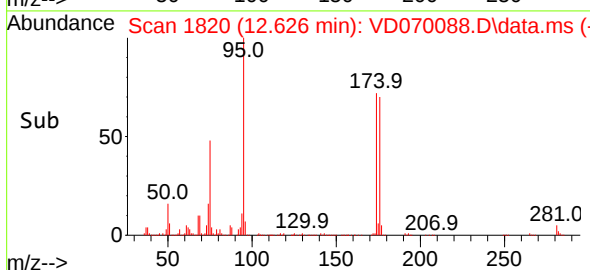
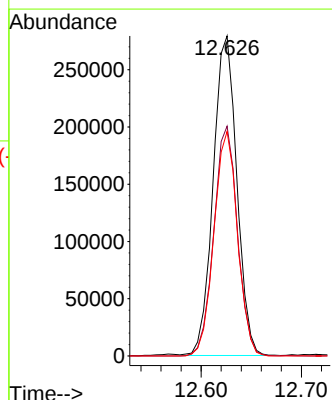
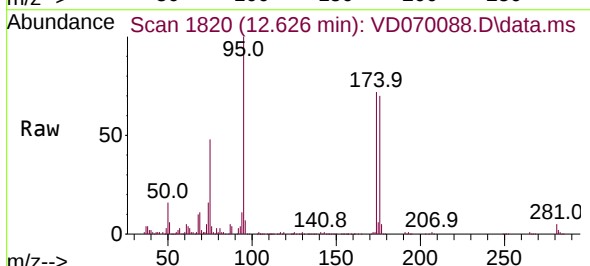
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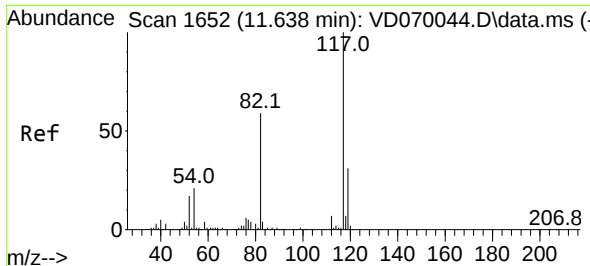
Tgt Ion: 98 Resp: 1247741
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.095 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 95 Resp: 456472
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.9 0.0 138.2

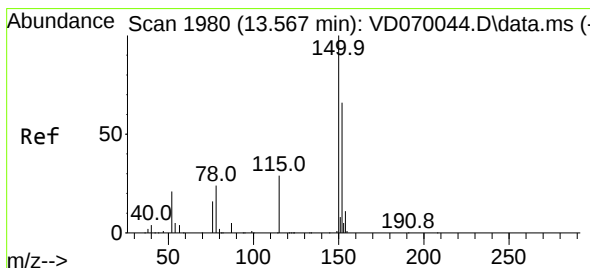
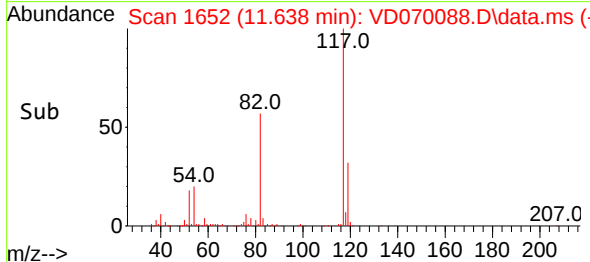
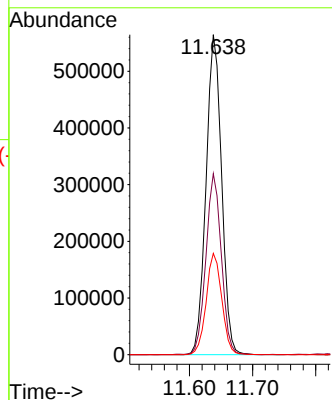
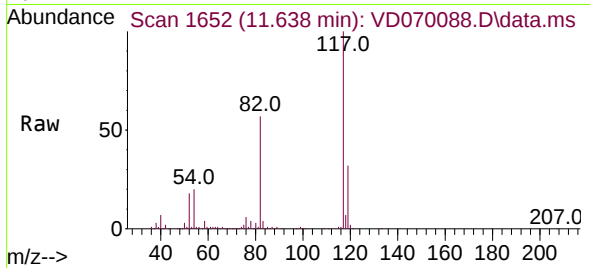




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

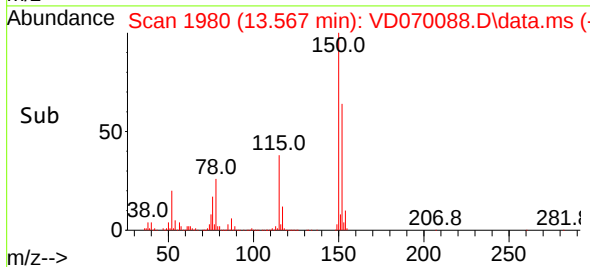
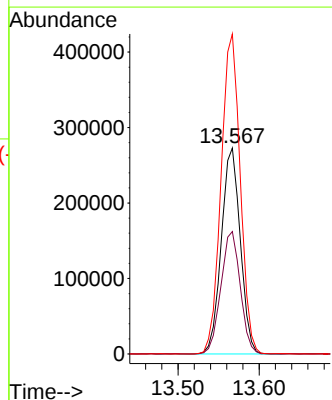
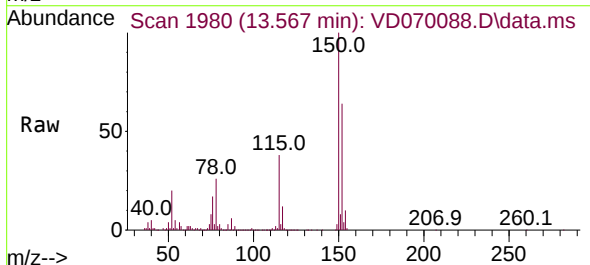
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-1

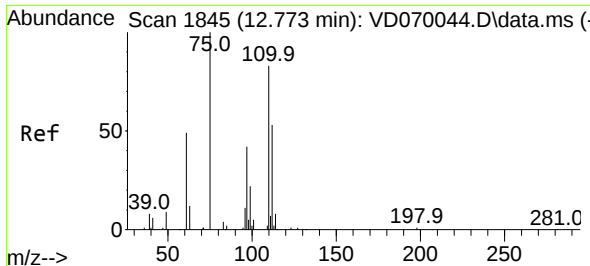
Tgt Ion:	117	Resp:	964124
Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.5	71.3
119	31.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion:	152	Resp:	443405
Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.2	93.6
150	156.7	0.0	352.0

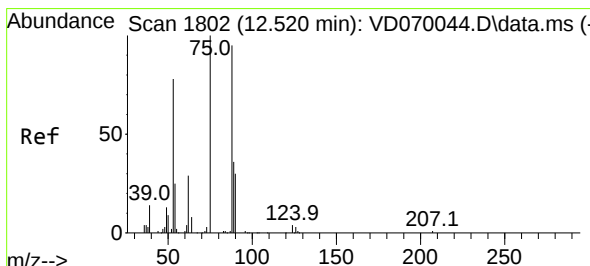
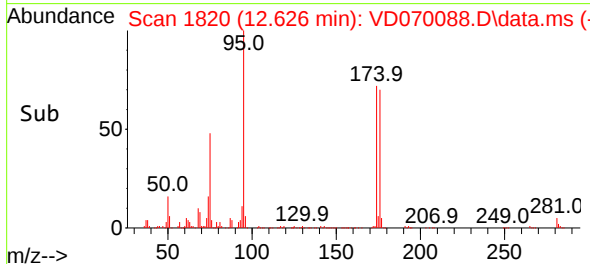
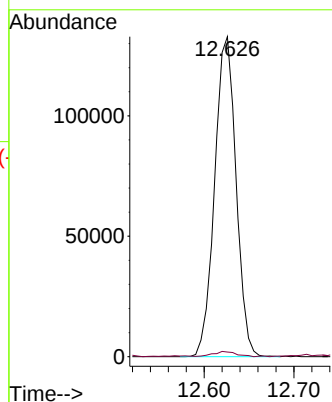
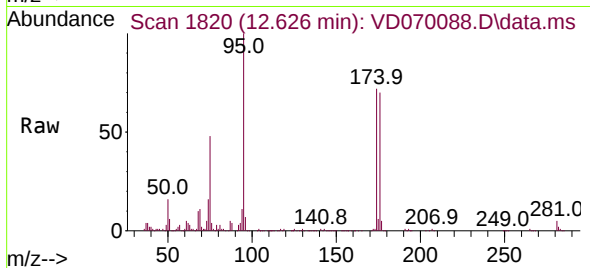




#76
1,2,3-Trichloropropane
Concen: 48.923 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-1

Tgt Ion: 75 Resp: 219992
Ion Ratio Lower Upper
75 100
77 1.8 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.985 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070088.D
Acq: 17 Aug 2021 15:11

Tgt Ion: 75 Resp: 219992
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

