

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070774.D
 Acq On : 20 Oct 2021 14:26
 Operator : VA/SY
 Sample : M4280-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2081

Quant Time: Oct 21 05:38:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

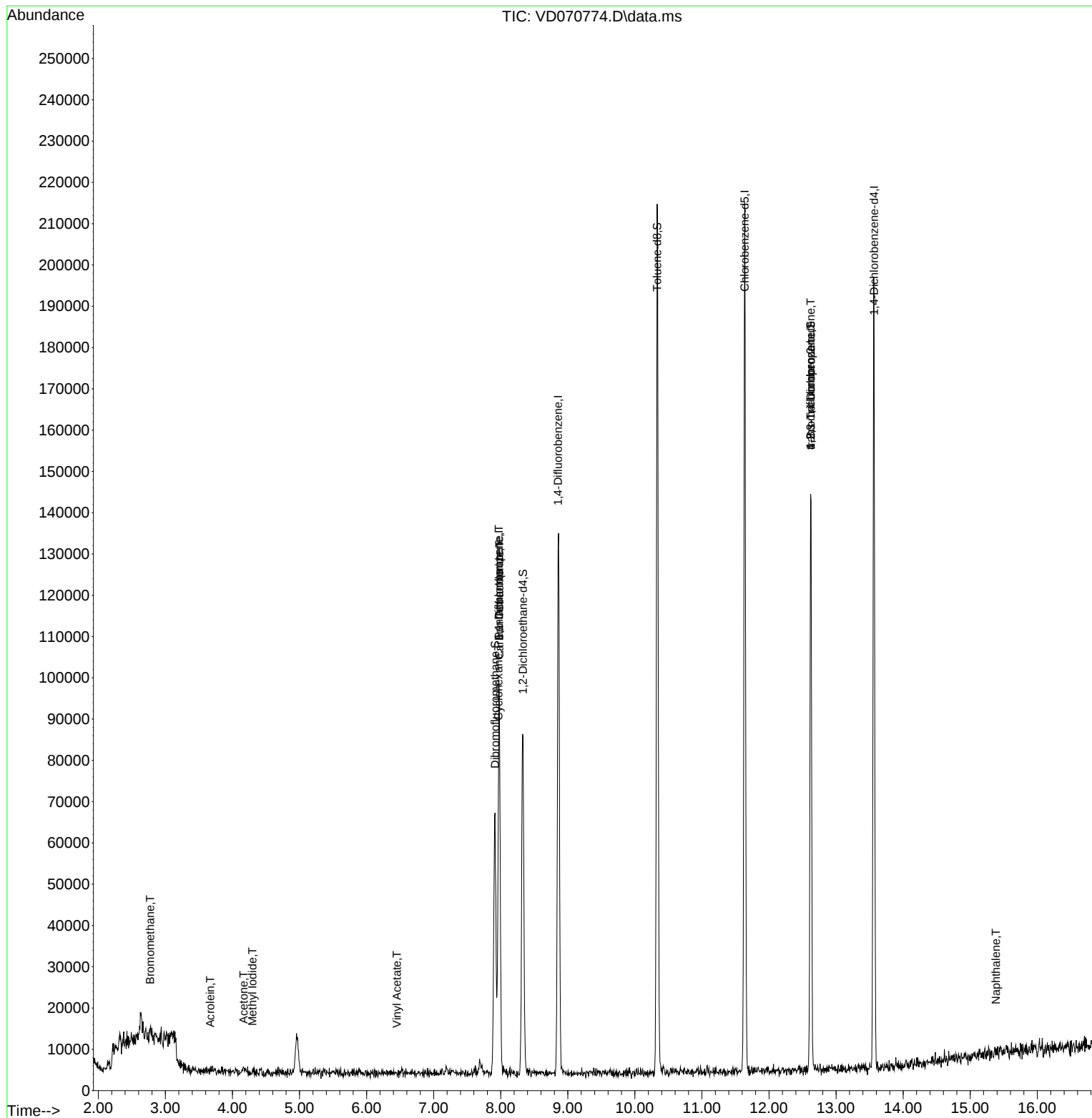
Internal Standards						
1) Pentafluorobenzene	7.973	168	62405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	108461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	113200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	50301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	65729	88.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.860%#	
35) Dibromofluoromethane	7.914	113	44775	64.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.940%	
50) Toluene-d8	10.332	98	139411	52.367	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.620	95	47306	51.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	894	1.322	ug/l #	45
10) Methyl Iodide	4.297	142	245	3.614	ug/l #	38
13) Acrolein	3.668	56	66	1.648	ug/l #	14
16) Acetone	4.168	43	2026	11.364	ug/l #	40
23) Vinyl Acetate	6.450	43	56	16.368	ug/l #	69
31) Cyclohexane	7.967	56	1955	1.307	ug/l #	32
36) 1,1-Dichloropropene	7.973	75	6659	5.511	ug/l #	47
38) Carbon Tetrachloride	7.979	117	6950	6.005	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	25023	57.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	25023	126.117	ug/l #	17
95) Naphthalene	15.385	128	70	4.832	ug/l #	69

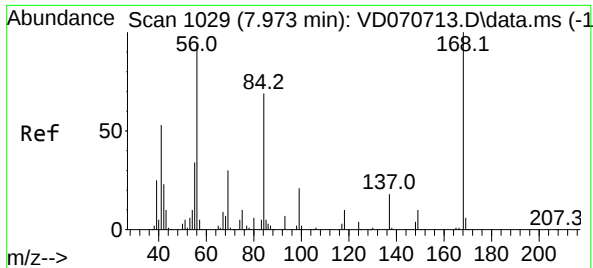
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 21 05:38:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

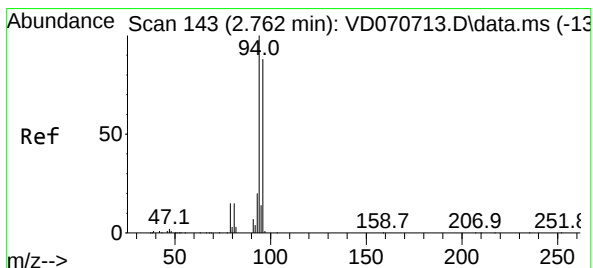
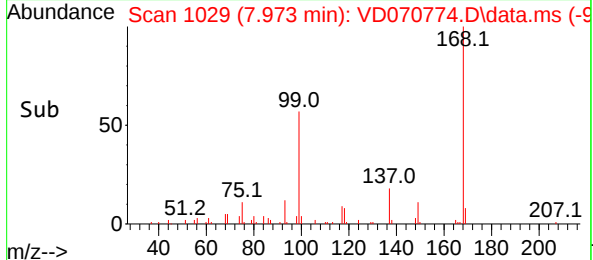
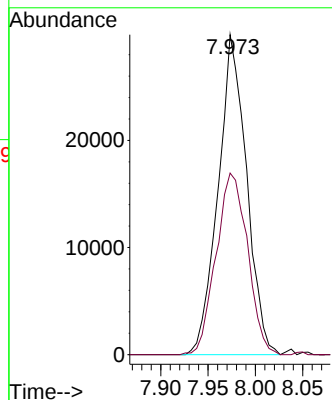
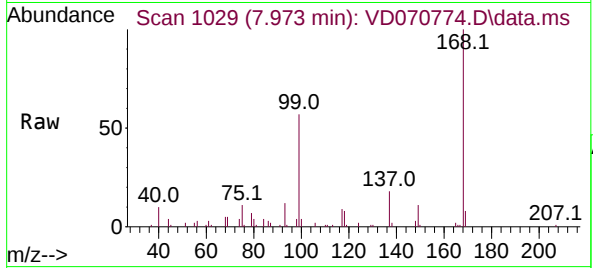




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

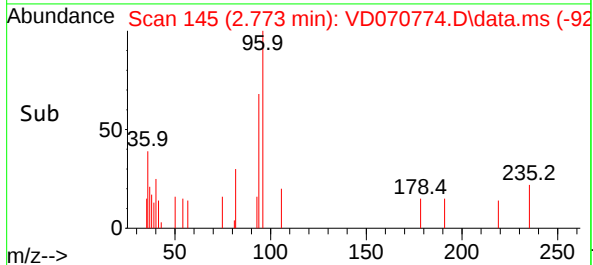
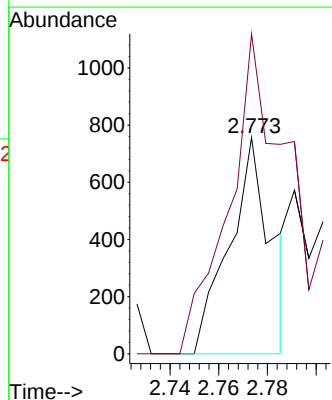
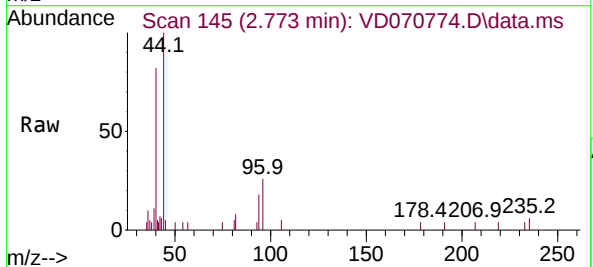
Instrument :
MSVOA_D
ClientSampled :
2081

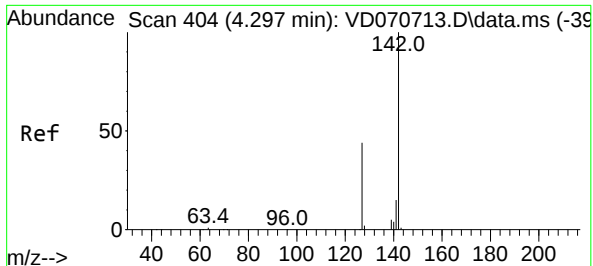
Tgt Ion:168 Resp: 62405
Ion Ratio Lower Upper
168 100
99 56.8 51.4 77.0



#5
Bromomethane
Concen: 1.322 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 94 Resp: 894
Ion Ratio Lower Upper
94 100
96 147.8 75.5 113.3#

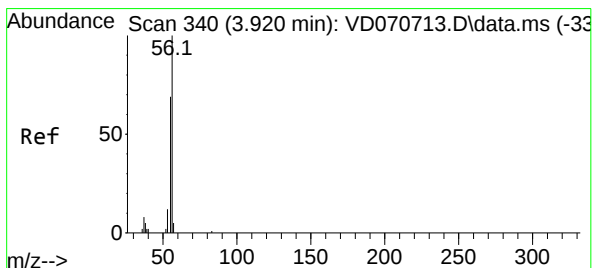
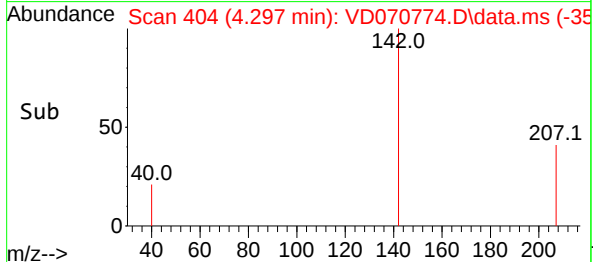
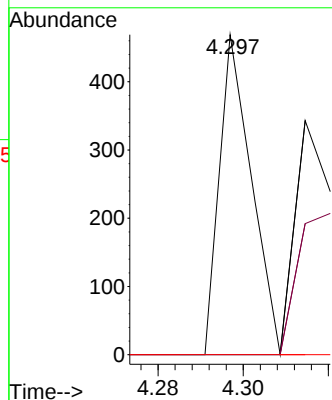
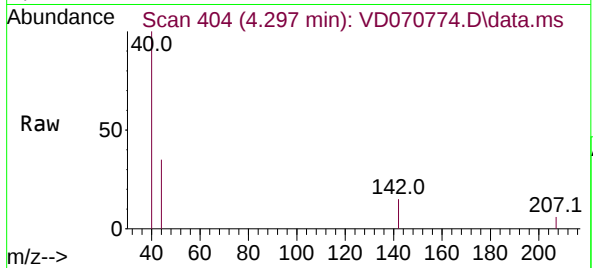




#10
Methyl Iodide
Concen: 3.614 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

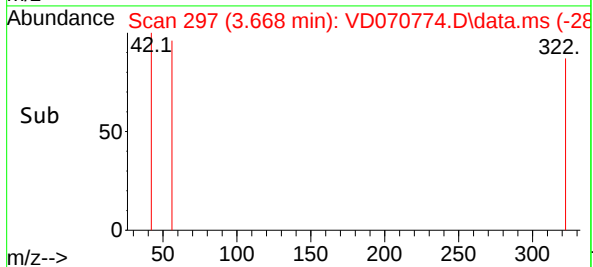
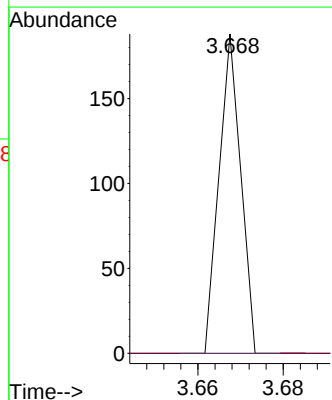
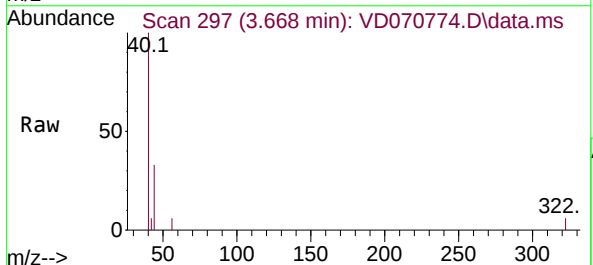
Instrument :
MSVOA_D
ClientSampled :
2081

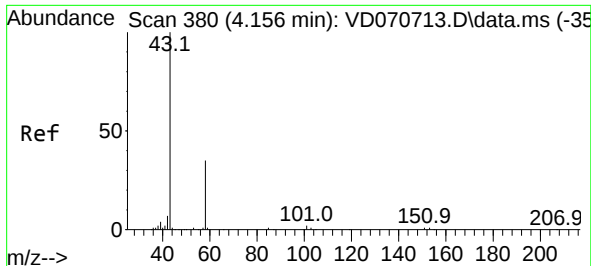
Tgt Ion:142 Resp: 245
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#



#13
Acrolein
Concen: 1.648 ug/l
RT: 3.668 min Scan# 297
Delta R.T. -0.253 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#

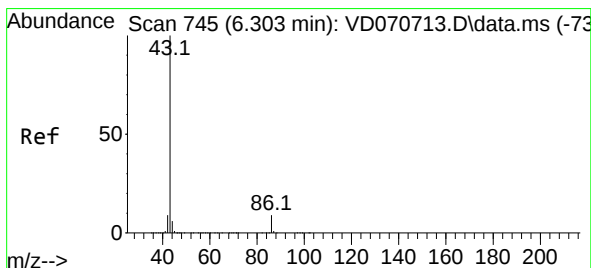
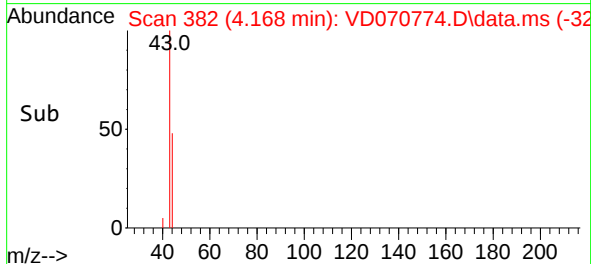
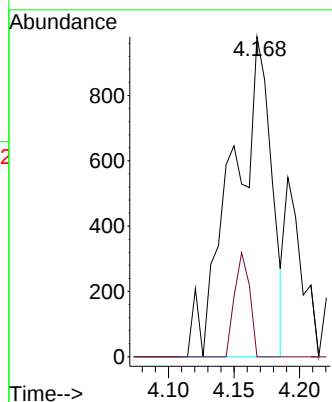
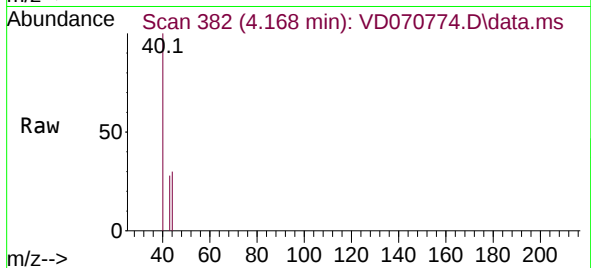




#16
Acetone
Concen: 11.364 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

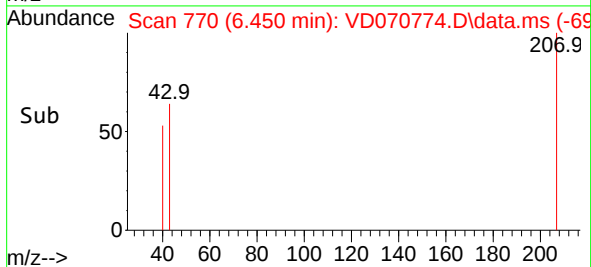
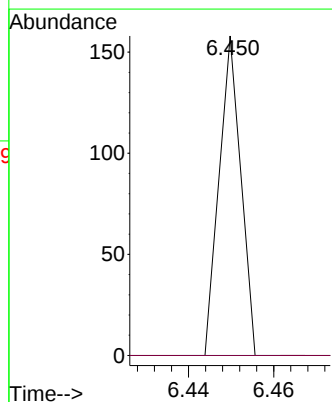
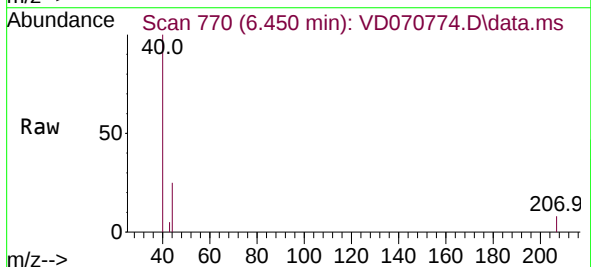
Instrument :
MSVOA_D
ClientSampleId :
2081

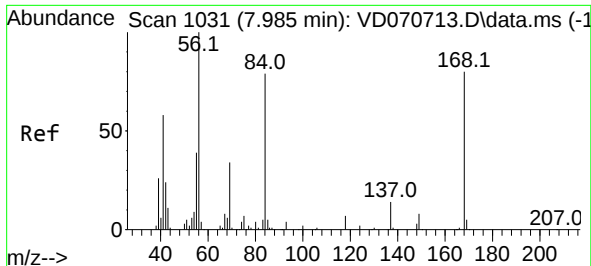
Tgt Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#23
Vinyl Acetate
Concen: 16.368 ug/l
RT: 6.450 min Scan# 770
Delta R.T. 0.147 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

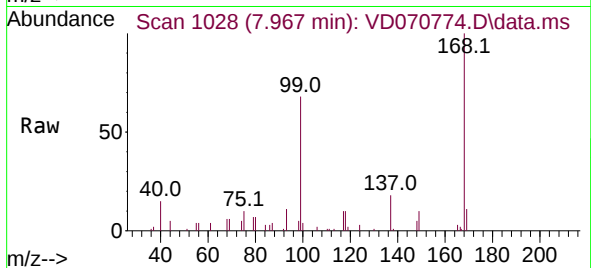
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#



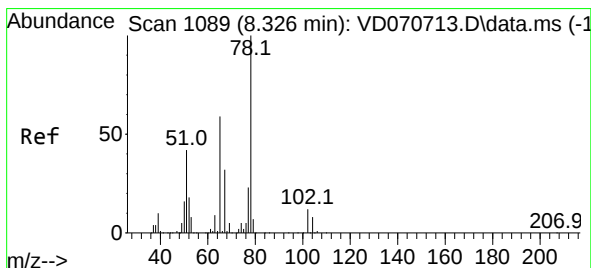
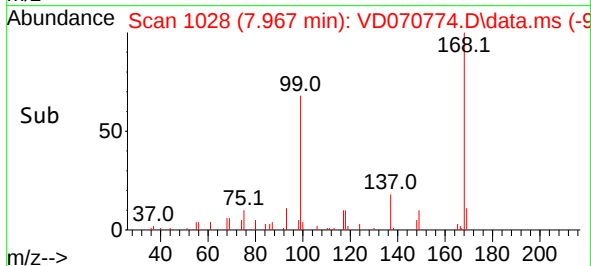
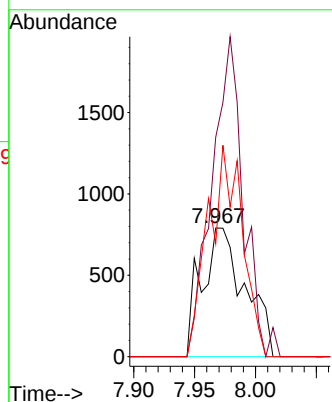


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Instrument :
MSVOA_D
ClientSampleId :
2081

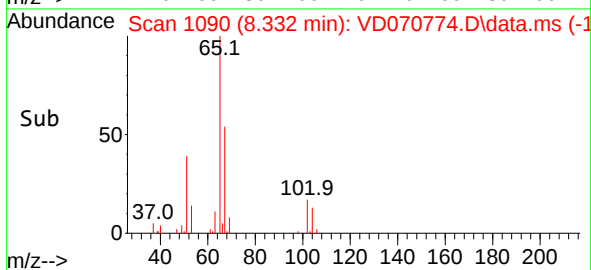
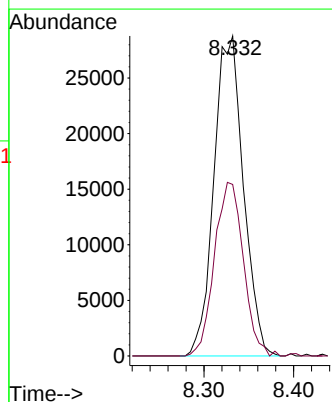
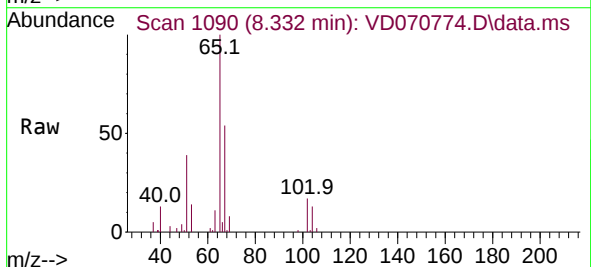


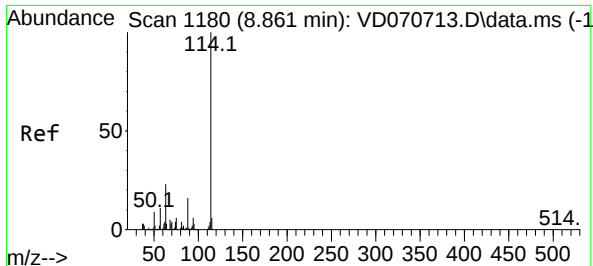
Tgt Ion: 56 Resp: 1955
Ion Ratio Lower Upper
56 100
69 170.8 27.4 41.2#
84 88.0 73.6 110.4



#33
1,2-Dichloroethane-d4
Concen: 88.926 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 65 Resp: 65729
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD070774.D

Acq: 20 Oct 2021 14:26

Instrument :

MSVOA_D

ClientSampleId :

2081

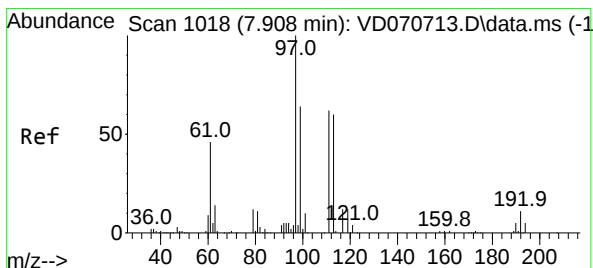
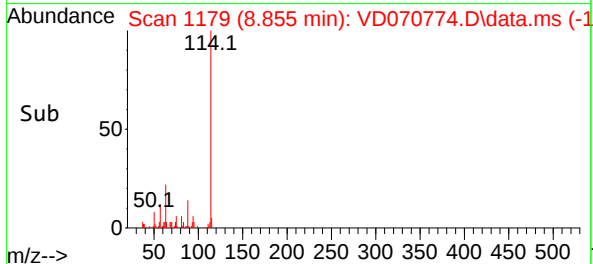
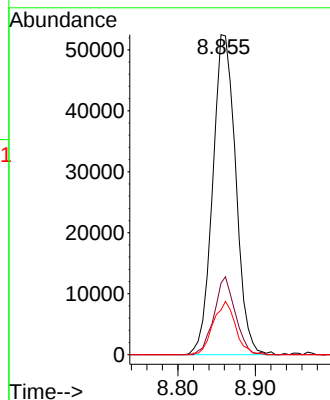
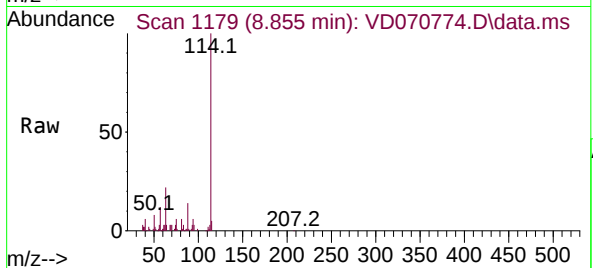
Tgt Ion:114 Resp: 108461

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 14.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 64.472 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070774.D

Acq: 20 Oct 2021 14:26

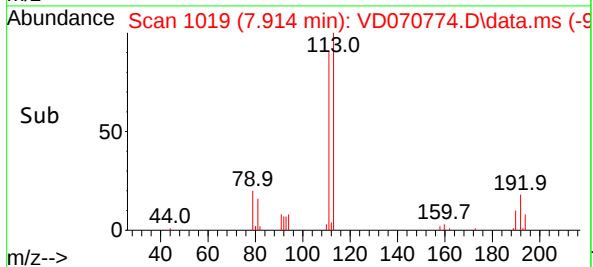
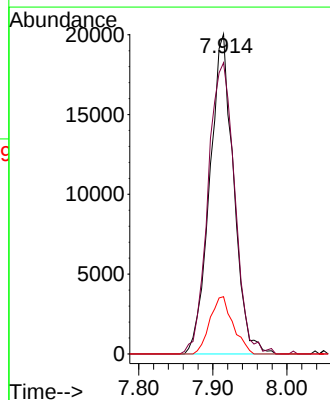
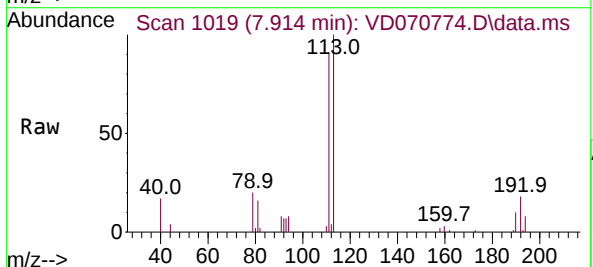
Tgt Ion:113 Resp: 44775

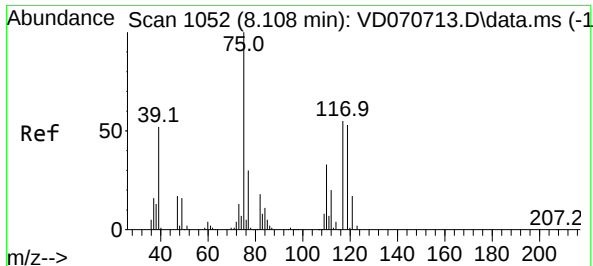
Ion Ratio Lower Upper

113 100

111 101.9 83.1 124.7

192 17.3 12.7 19.1

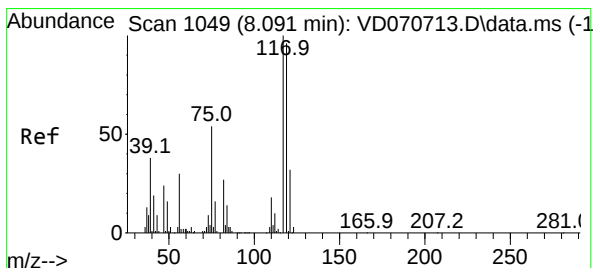
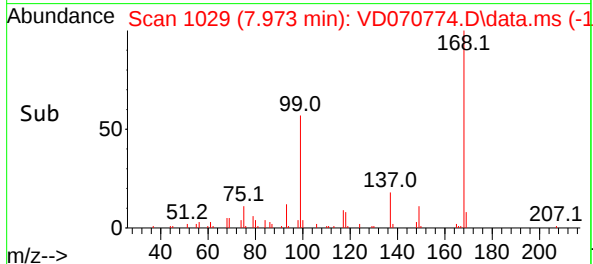
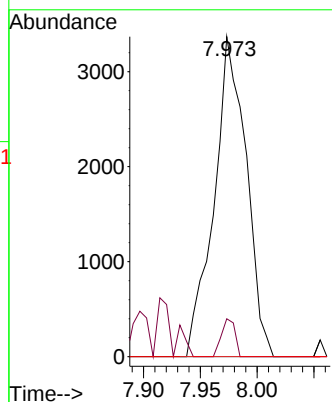
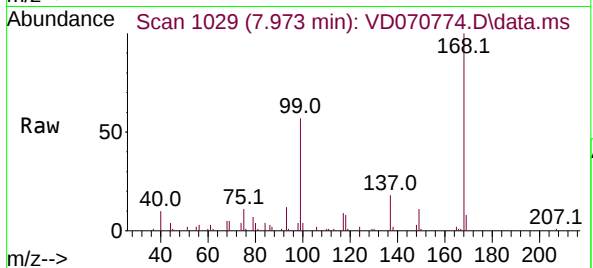




#36
1,1-Dichloropropene
Concen: 5.511 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

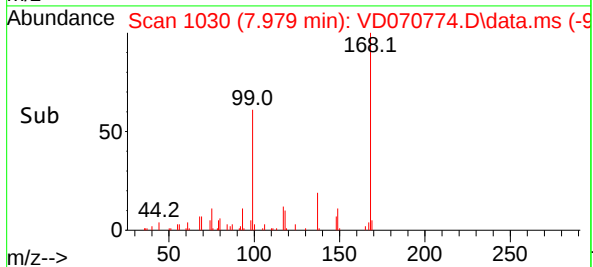
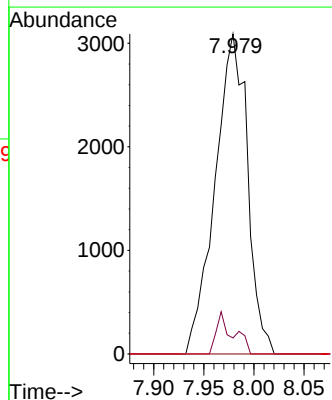
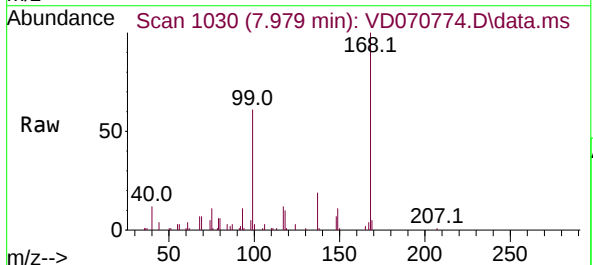
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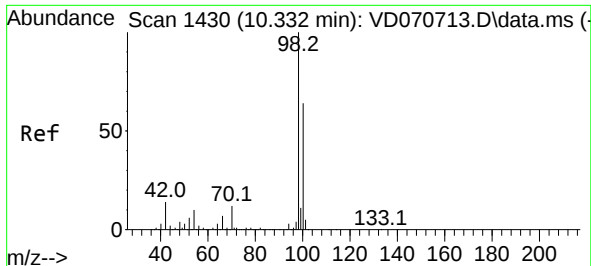
Tgt Ion: 75 Resp: 6659
Ion Ratio Lower Upper
75 100
110 5.0 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 117 Resp: 6950
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 25.4 38.0#

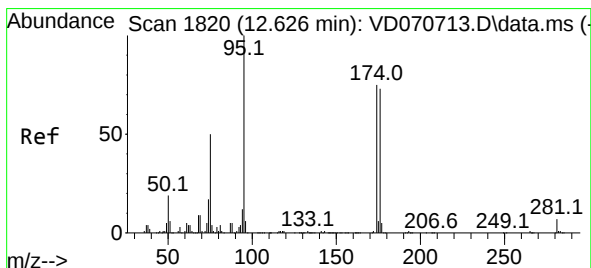
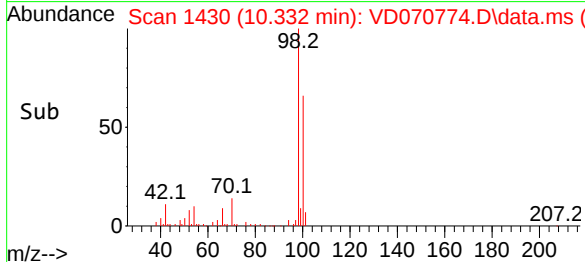
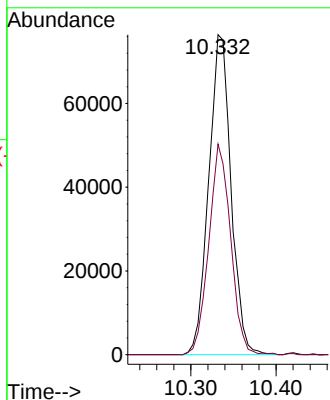
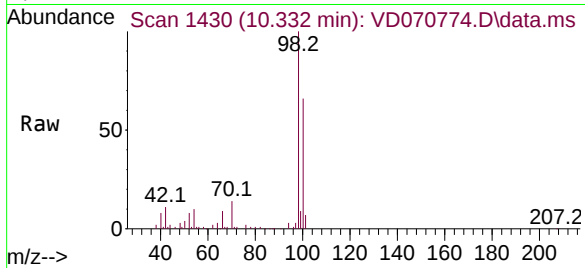




#50
Toluene-d8
Concen: 52.367 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

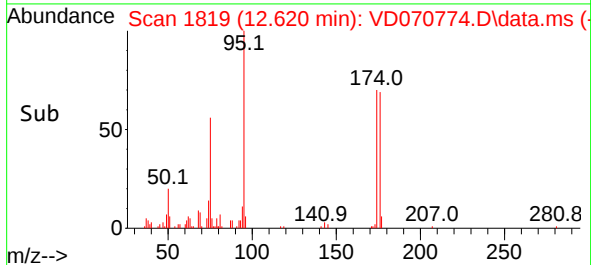
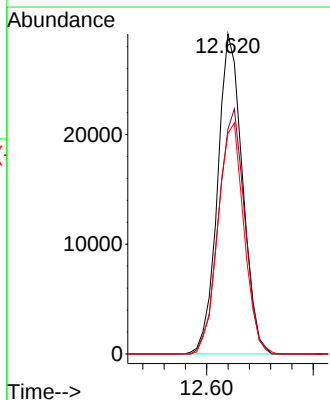
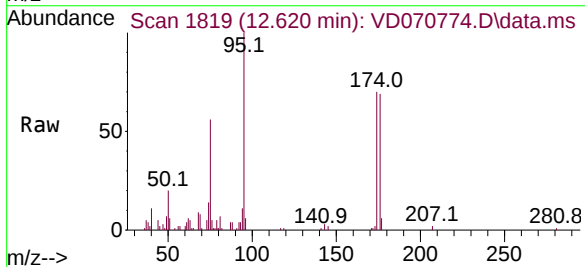
Instrument :
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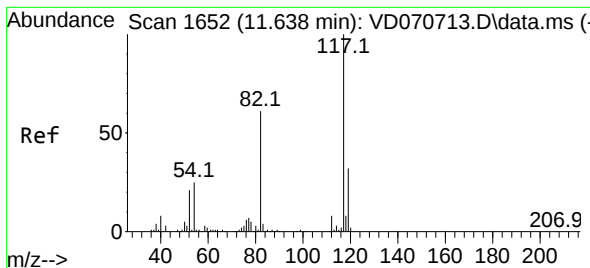
Tgt Ion: 98 Resp: 139411
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.606 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 95 Resp: 47306
Ion Ratio Lower Upper
95 100
174 79.8 0.0 138.0
176 75.7 0.0 135.6

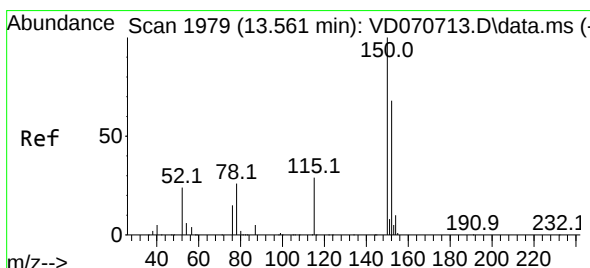
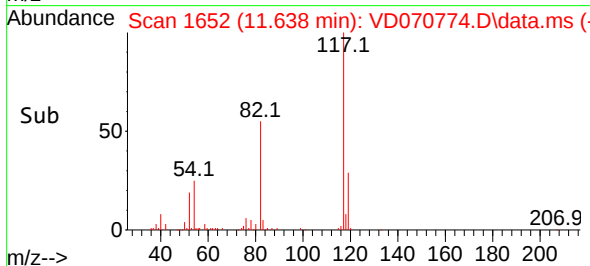
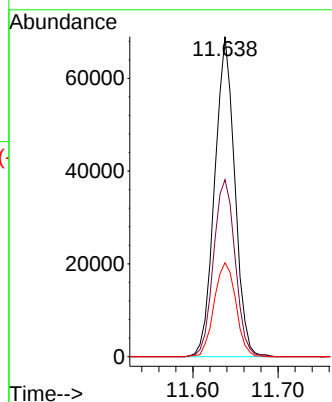
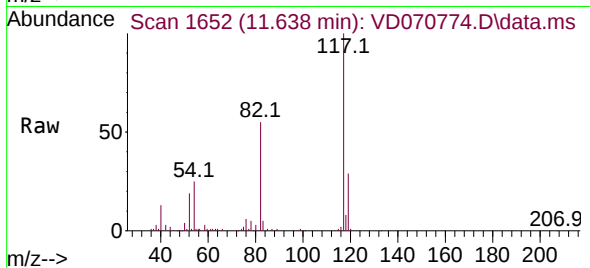




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

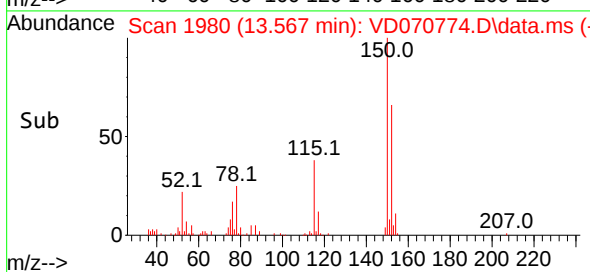
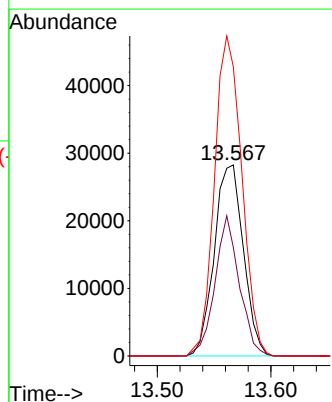
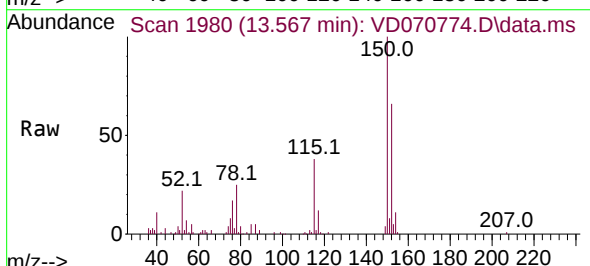
Instrument :
MSVOA_D
ClientSampleId :
2081

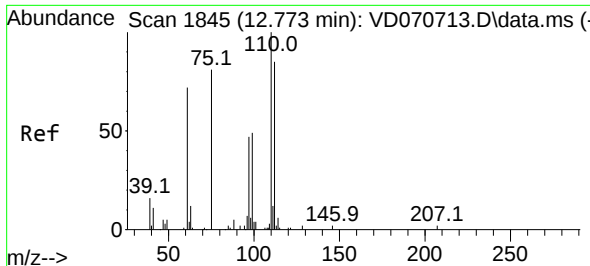
Tgt Ion:117 Resp: 113200
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 29.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion:152 Resp: 50301
Ion Ratio Lower Upper
152 100
115 61.4 31.9 95.7
150 157.5 0.0 350.0

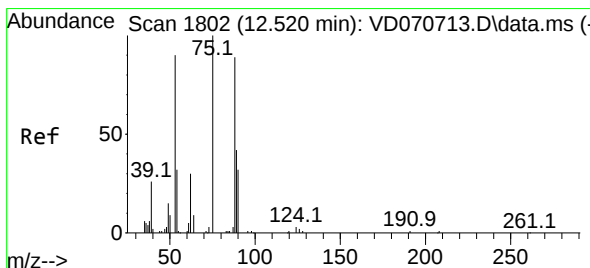
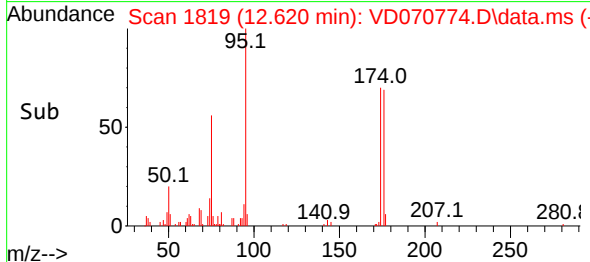
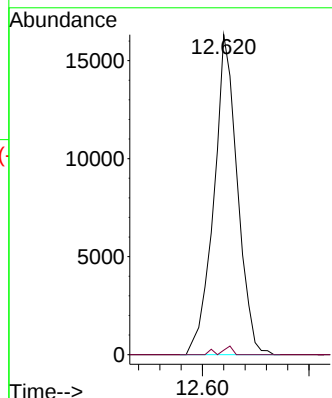
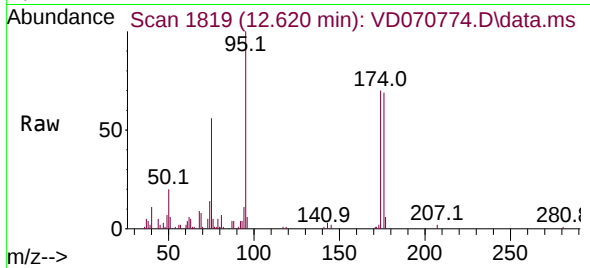




#76
1,2,3-Trichloropropane
Concen: 57.580 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

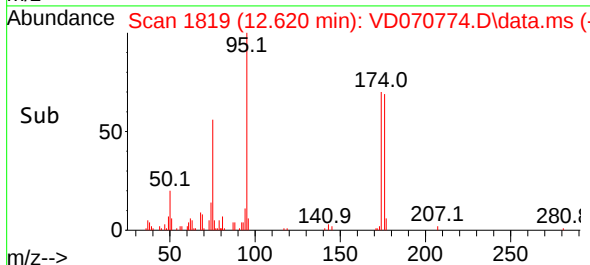
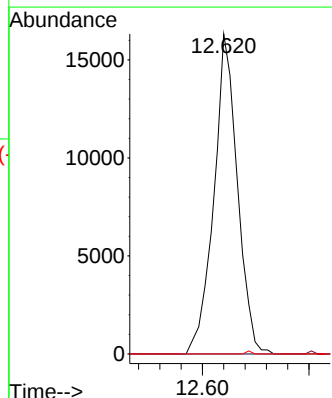
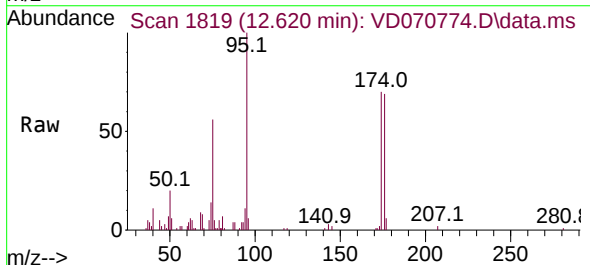
Instrument :
MSVOA_D
ClientSampleId :
2081

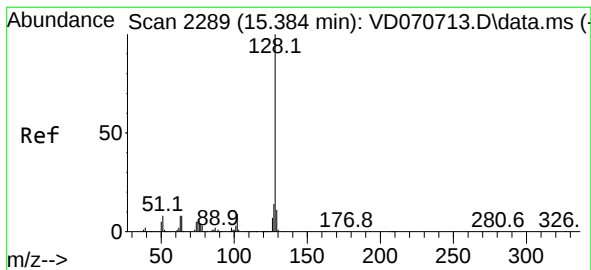
Tgt Ion: 75 Resp: 25023
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.117 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Tgt Ion: 75 Resp: 25023
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 4.832 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070774.D
Acq: 20 Oct 2021 14:26

Instrument :
MSVOA_D
ClientSampleId :
2081

Tgt Ion:128 Resp: 70
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

