

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070854.D
 Acq On : 27 Oct 2021 10:29
 Operator : VA/SY
 Sample : VD1027SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:51:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

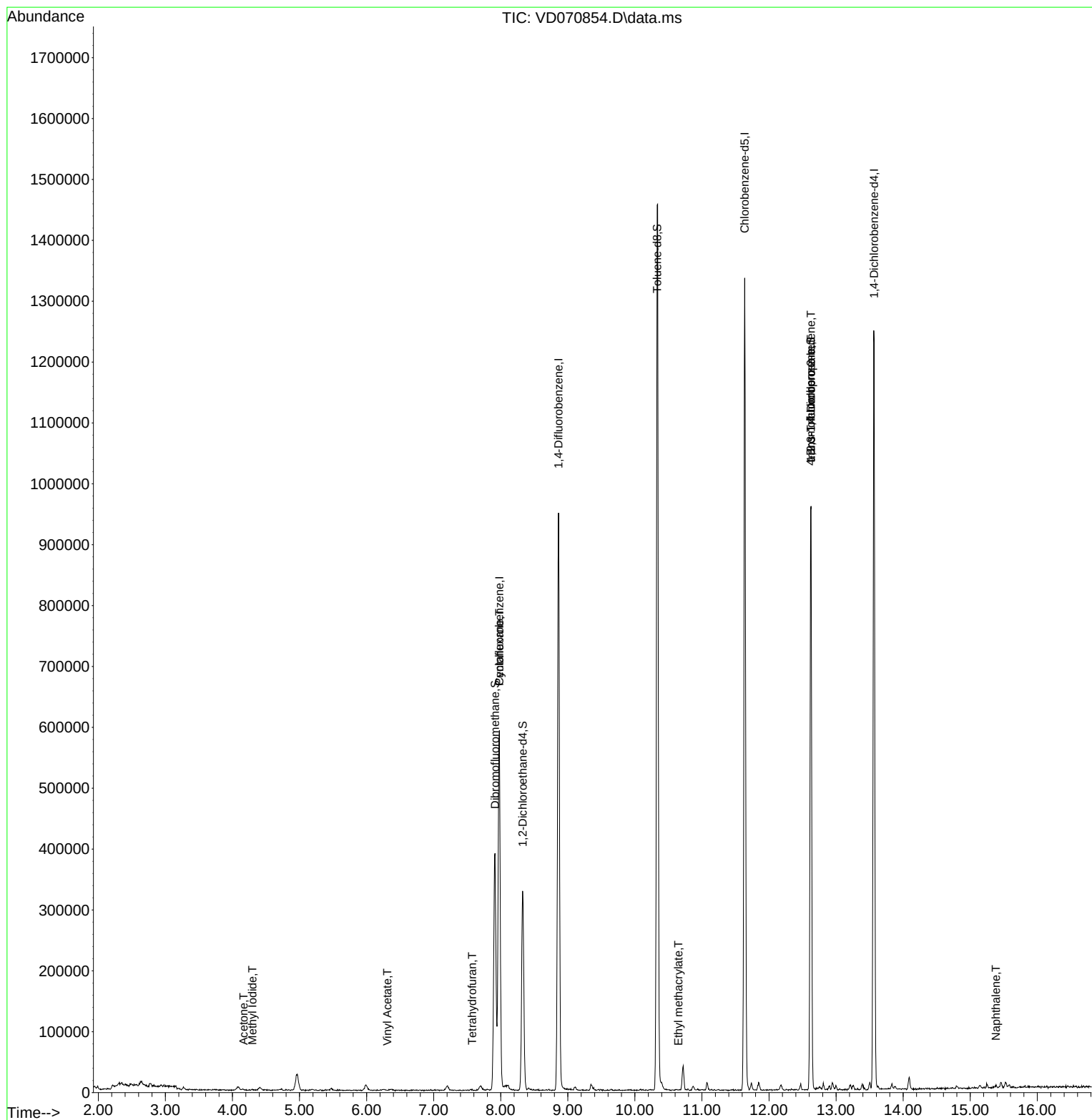
Internal Standards						
1) Pentafluorobenzene	7.979	168	426818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	797306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	770928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	349811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	258353	60.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.360%	
35) Dibromofluoromethane	7.914	113	281206	53.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.980%	
50) Toluene-d8	10.332	98	1038909	52.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.620	95	330501	50.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	3191	Below Cal		84
10) Methyl Iodide	4.297	142	1861	3.944 ug/l	#	88
16) Acetone	4.168	43	2683	2.686 ug/l	#	83
20) Methylene Chloride	4.956	84	11703	Below Cal		92
23) Vinyl Acetate	6.309	43	760	14.516 ug/l	#	72
29) Tetrahydrofuran	7.573	42	752	1.013 ug/l	#	43
31) Cyclohexane	7.979	56	11089	1.268 ug/l	#	1
56) Ethyl methacrylate	10.650	69	293	2.892 ug/l		98
76) 1,2,3-Trichloropropane	12.626	75	154577	44.888 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	154577	117.816 ug/l	#	18
95) Naphthalene	15.385	128	3662	4.430 ug/l	#	88

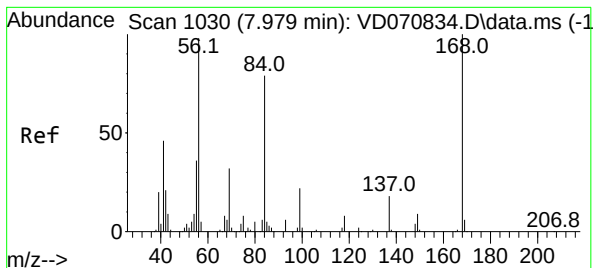
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
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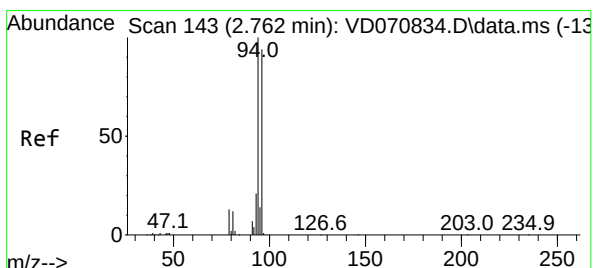
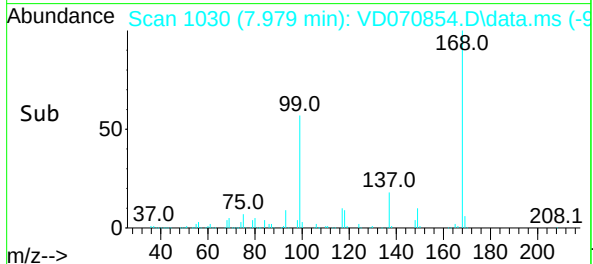
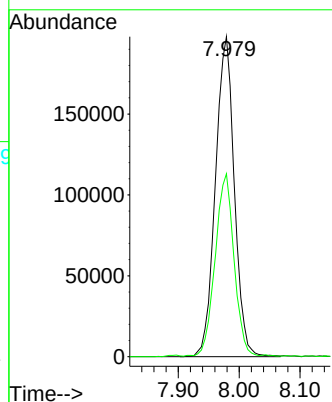
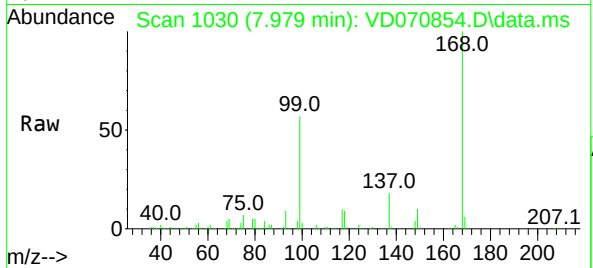




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

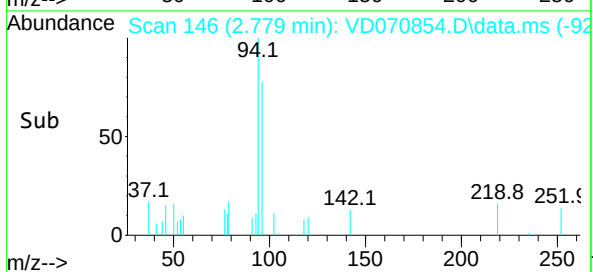
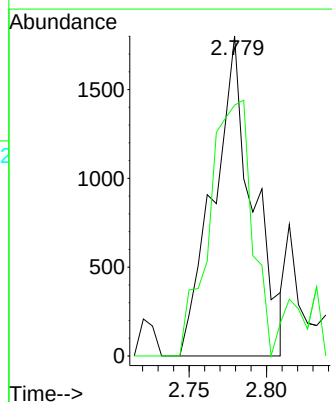
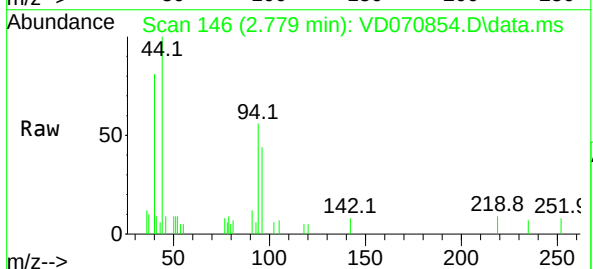
Instrument :
MSVOA_D
ClientSampled :

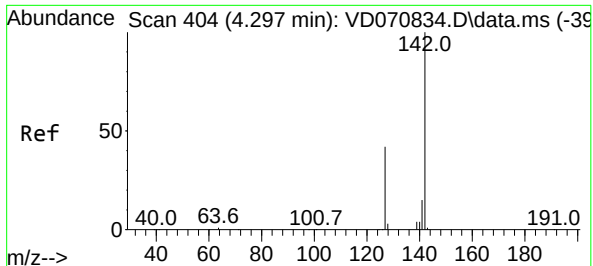
Tgt Ion:168 Resp: 426818
Ion Ratio Lower Upper
168 100
99 57.0 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

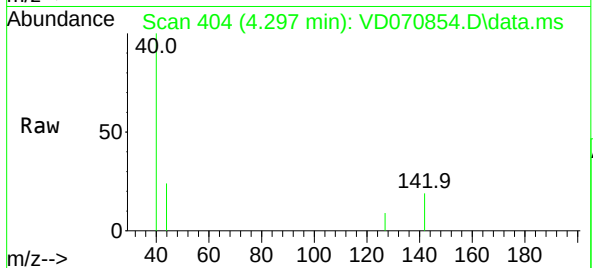
Tgt Ion: 94 Resp: 3191
Ion Ratio Lower Upper
94 100
96 78.4 74.8 112.2



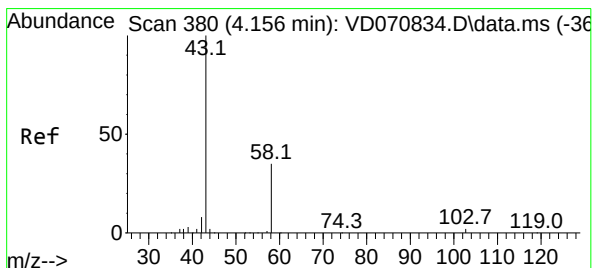
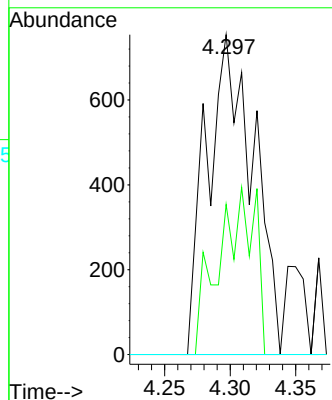
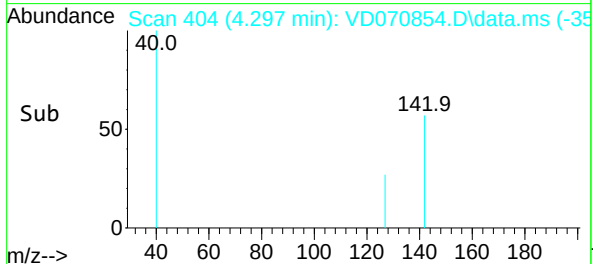


#10
Methyl Iodide
Concen: 3.944 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

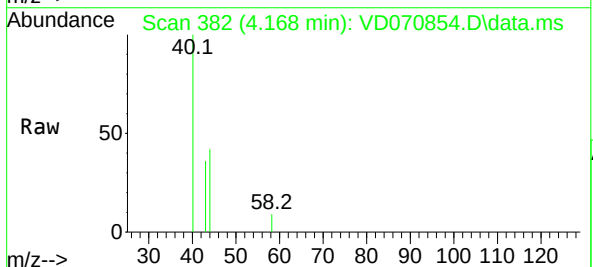
Instrument :
MSVOA_D
ClientSampled :



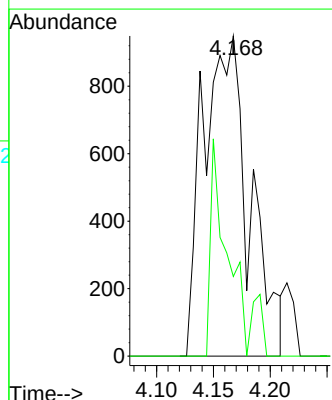
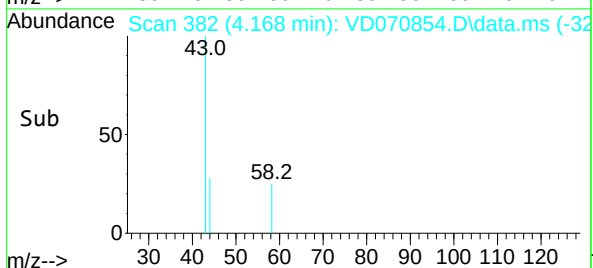
Tgt Ion:142 Resp: 1861
Ion Ratio Lower Upper
142 100
127 41.1 35.0 52.4
141 0.0 12.0 18.0#

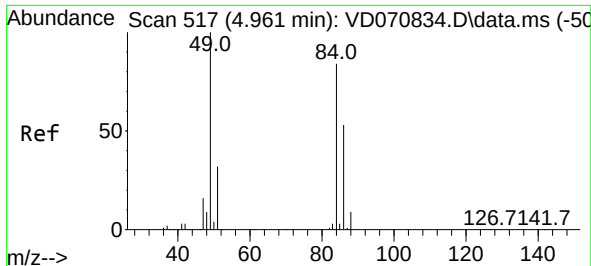


#16
Acetone
Concen: 2.686 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29



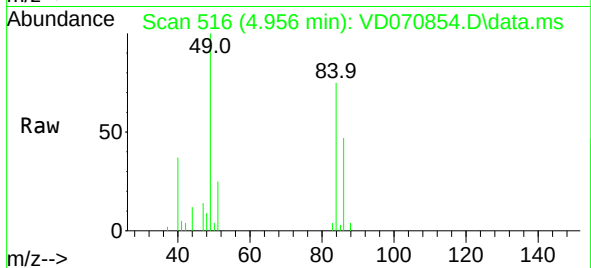
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#





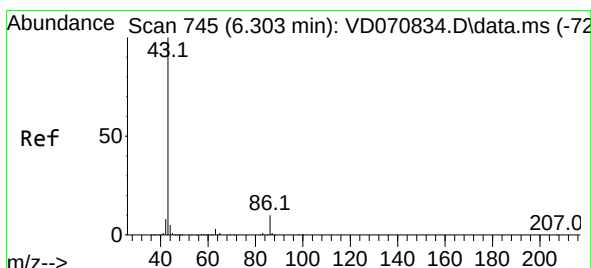
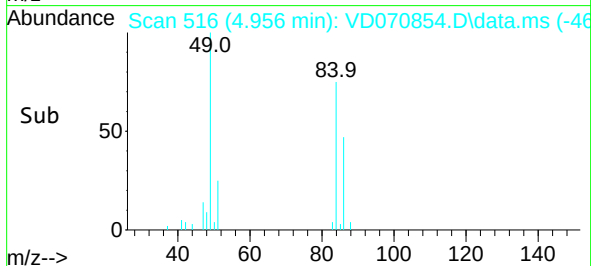
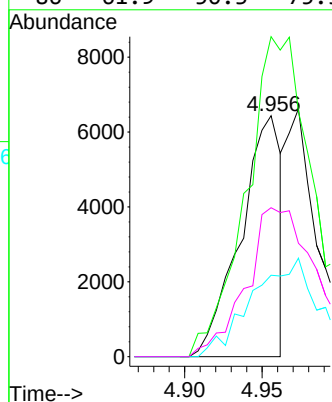
#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 11703

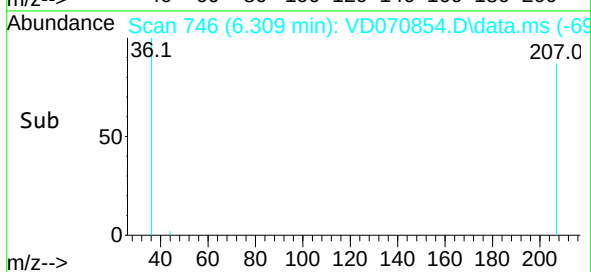
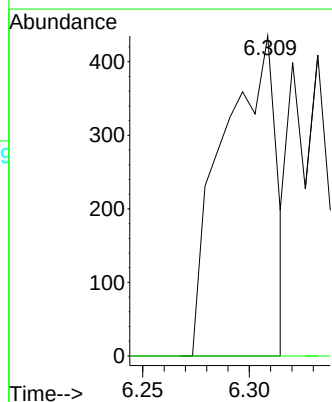
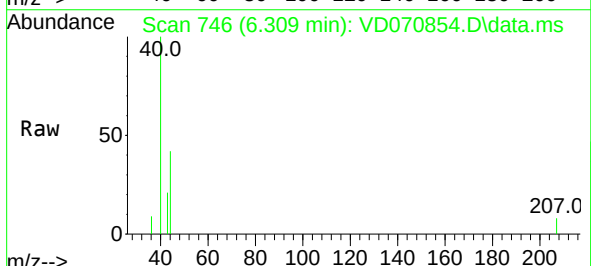
Ion	Ratio	Lower	Upper
84	100		
49	132.8	95.8	143.6
51	33.8	30.9	46.3
86	61.9	50.3	75.5

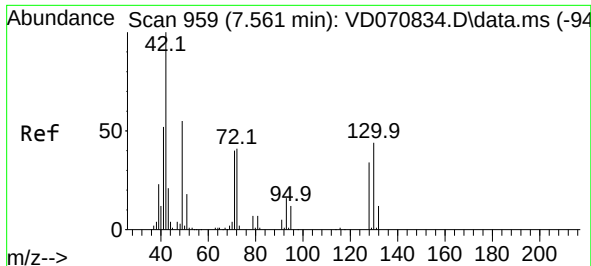


#23
Vinyl Acetate
Concen: 14.516 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

Tgt Ion: 43 Resp: 760

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#





#29

Tetrahydrofuran

Concen: 1.013 ug/l

RT: 7.573 min Scan# 961

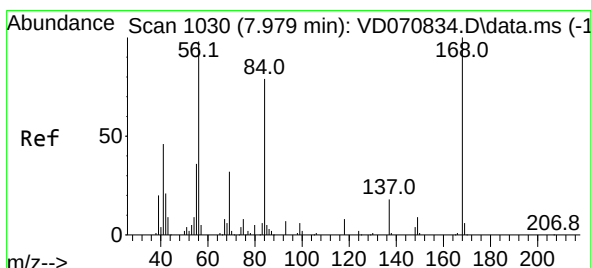
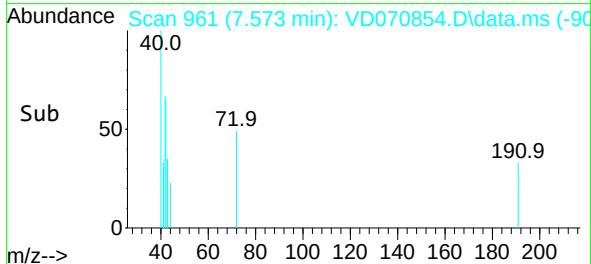
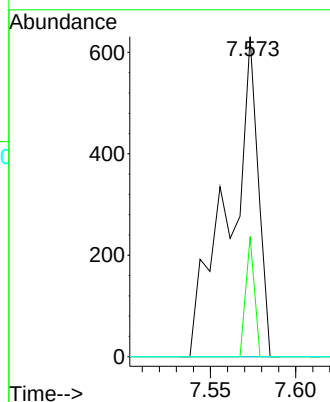
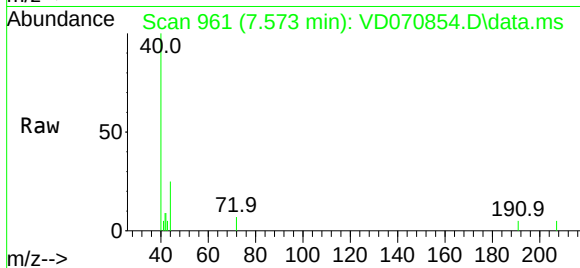
Delta R.T. 0.012 min

Lab File: VD070854.D

Acq: 27 Oct 2021 10:29

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	42	Resp:	752
Ion Ratio	Lower	Upper	
42	100		
72	11.2	33.7	50.5#
71	0.0	32.7	49.1#



#31

Cyclohexane

Concen: 1.268 ug/l

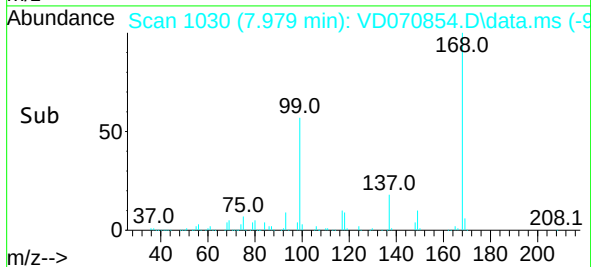
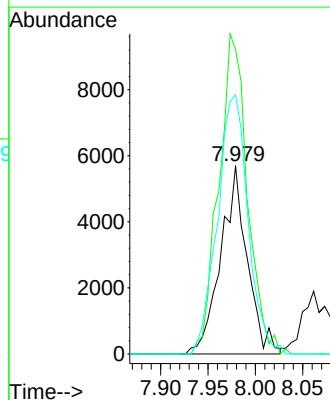
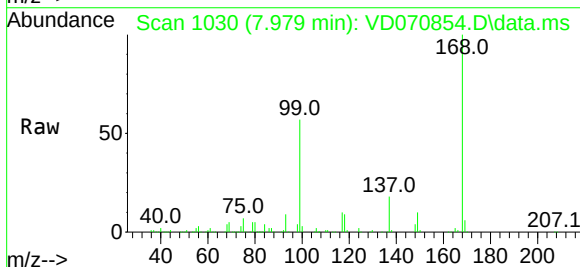
RT: 7.979 min Scan# 1030

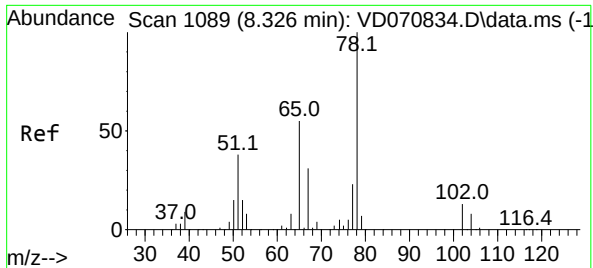
Delta R.T. 0.000 min

Lab File: VD070854.D

Acq: 27 Oct 2021 10:29

Tgt Ion:	56	Resp:	11089
Ion Ratio	Lower	Upper	
56	100		
69	161.5	25.9	38.9#
84	137.5	64.3	96.5#

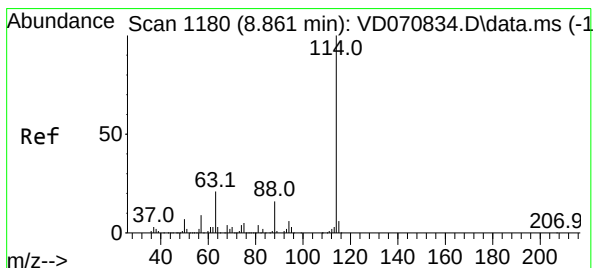
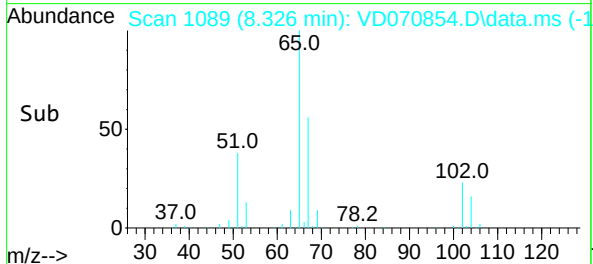
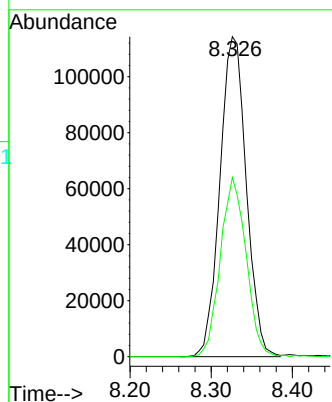
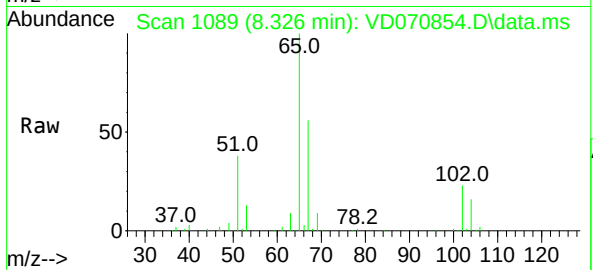




#33
 1,2-Dichloroethane-d4
 Concen: 60.184 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070854.D
 Acq: 27 Oct 2021 10:29

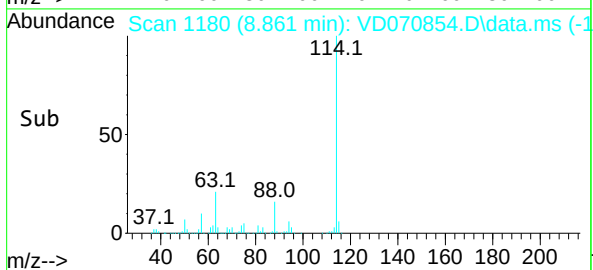
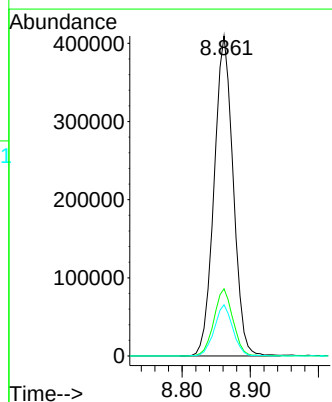
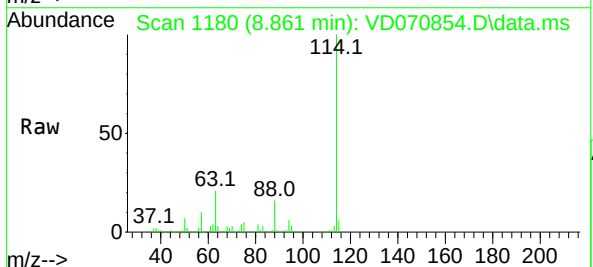
Instrument :
 MSVOA_D
 ClientSampleId :

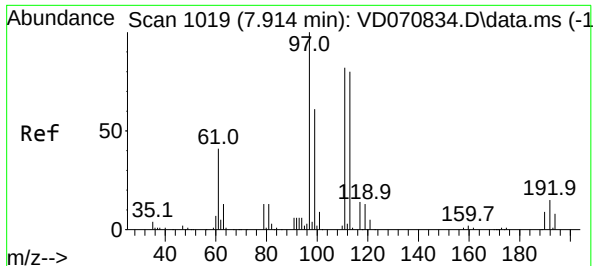
Tgt Ion: 65 Resp: 258353
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD070854.D
 Acq: 27 Oct 2021 10:29

Tgt Ion: 114 Resp: 797306
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.8
 88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.491 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070854.D

Acq: 27 Oct 2021 10:29

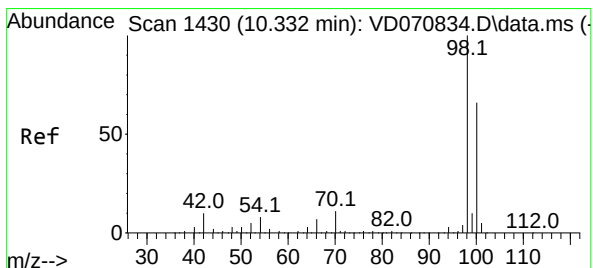
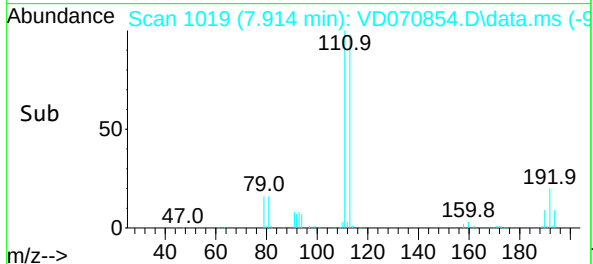
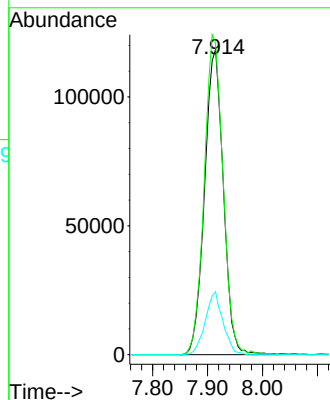
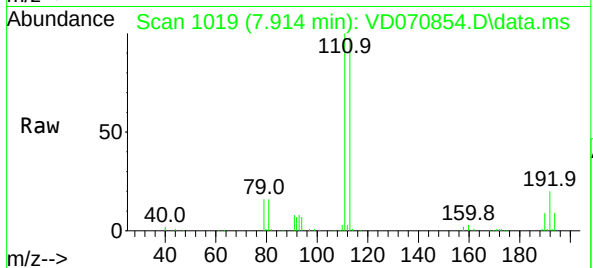
Tgt Ion:113 Resp: 281206

Ion Ratio Lower Upper

113 100

111 104.4 82.0 123.0

192 19.4 15.2 22.8



#50

Toluene-d8

Concen: 52.529 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD070854.D

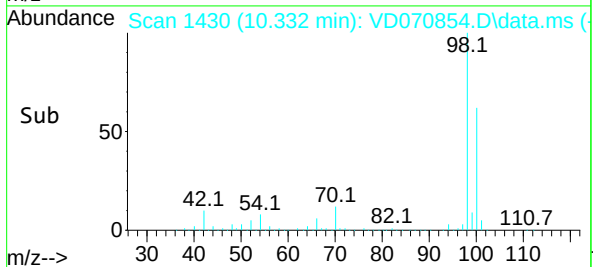
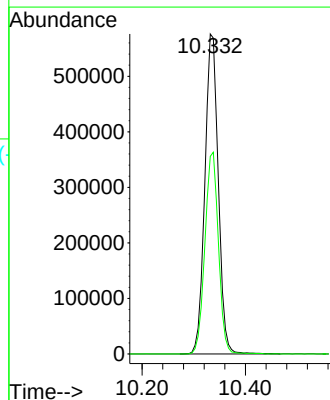
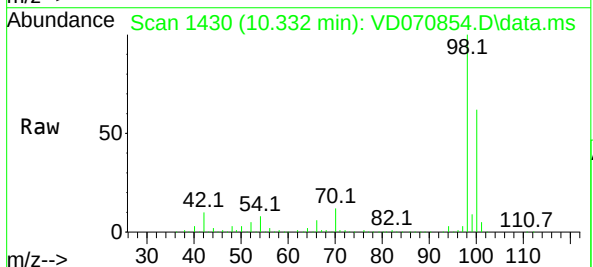
Acq: 27 Oct 2021 10:29

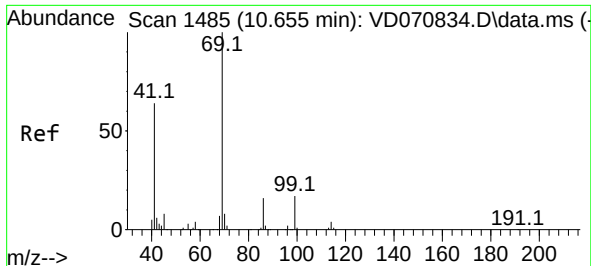
Tgt Ion: 98 Resp: 1038909

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.6

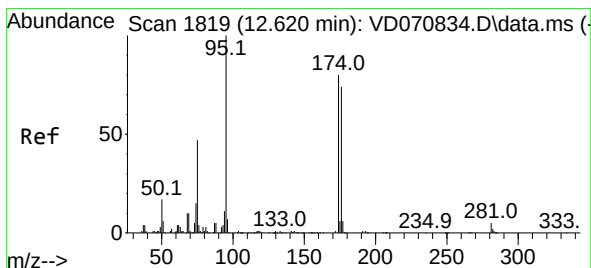
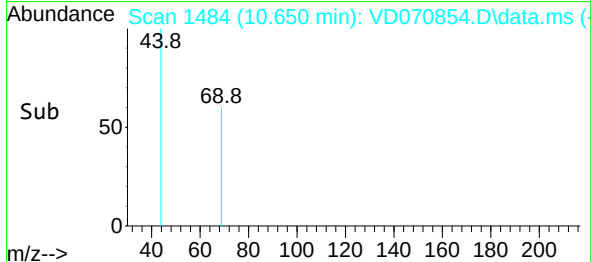
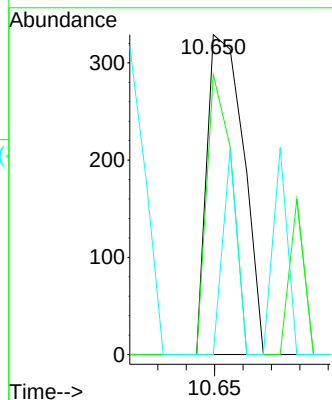
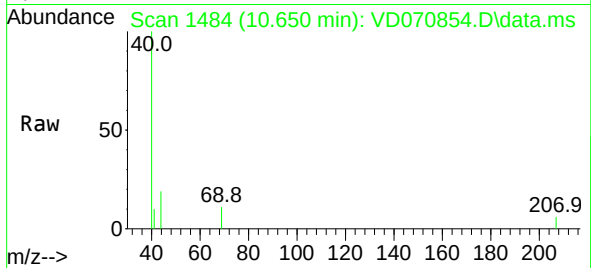




#56
Ethyl methacrylate
Concen: 2.892 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

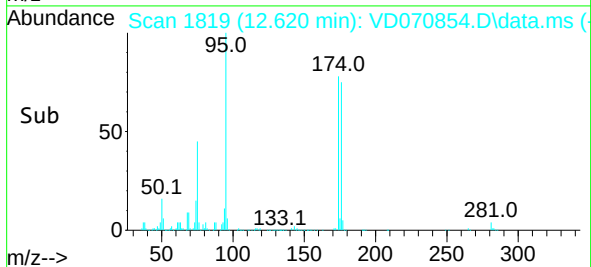
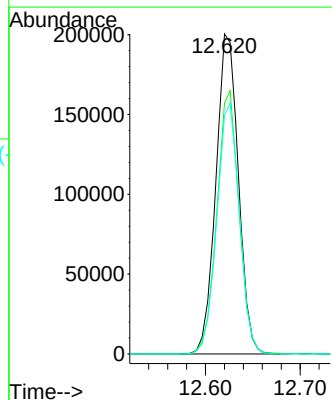
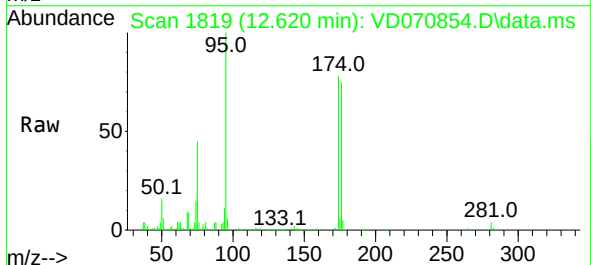
Instrument :
MSVOA_D
ClientSampleId :

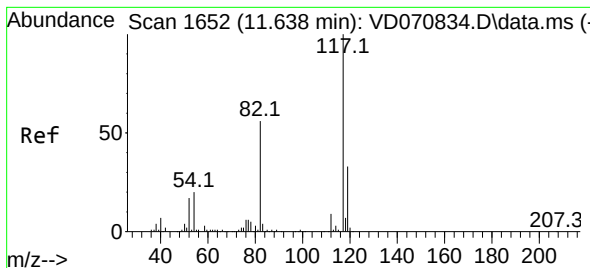
Tgt Ion: 69	Resp: 293		
Ion Ratio	Lower	Upper	
69 100			
41 60.4	50.2	75.2	
39 25.3	19.8	29.8	



#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

Tgt Ion: 95	Resp: 330501
Ion Ratio	Lower Upper
95 100	
174 81.1	0.0 159.4
176 78.6	0.0 154.0

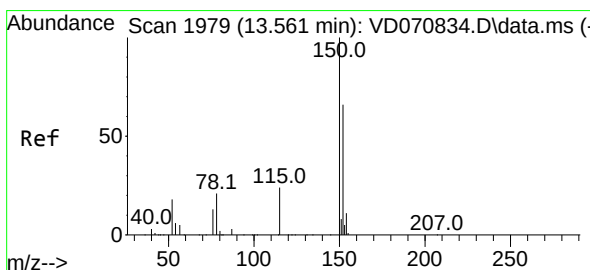
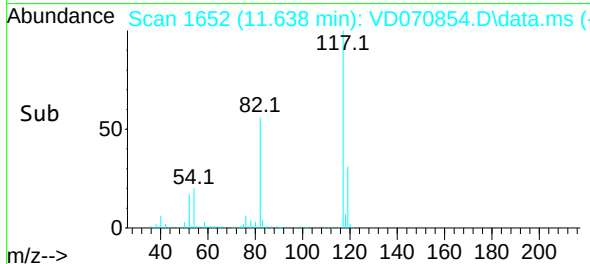
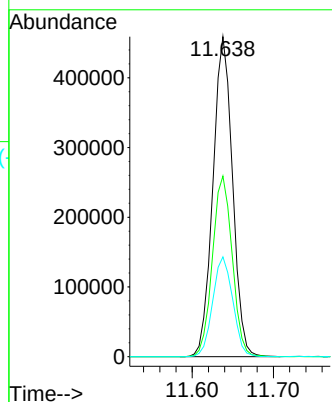
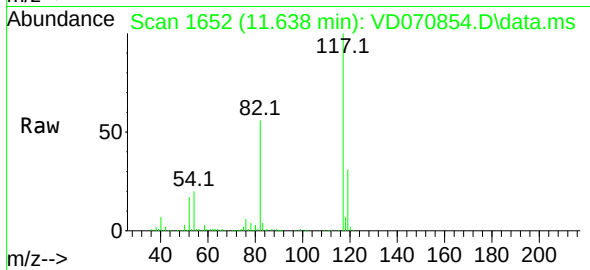




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

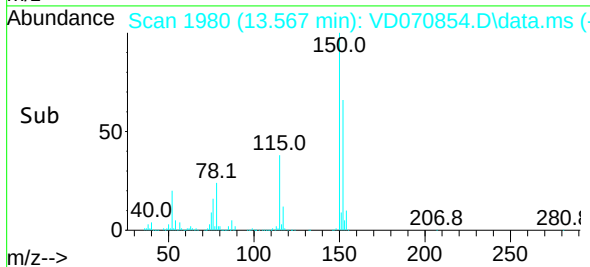
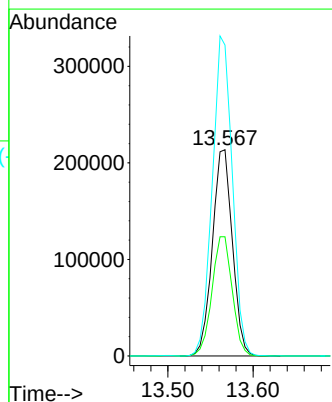
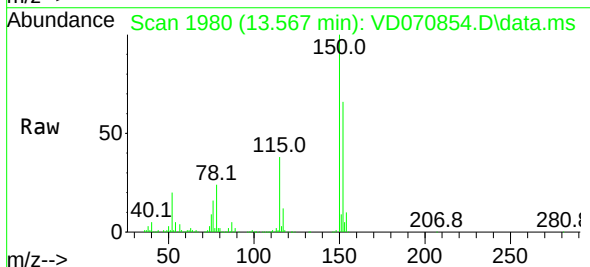
Instrument :
MSVOA_D
ClientSampleId :

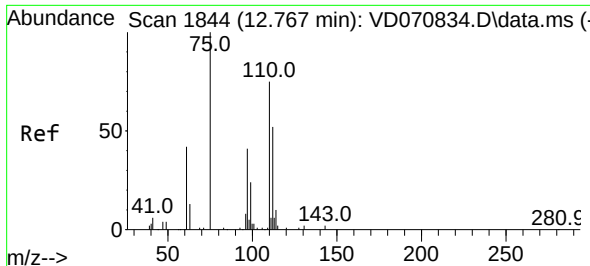
Tgt Ion:117 Resp: 770928
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

Tgt Ion:152 Resp: 349811
Ion Ratio Lower Upper
152 100
115 58.5 29.8 89.3
150 154.9 0.0 349.2

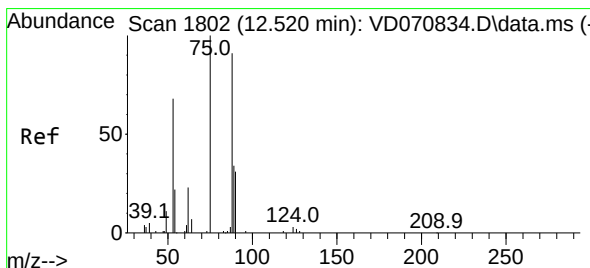
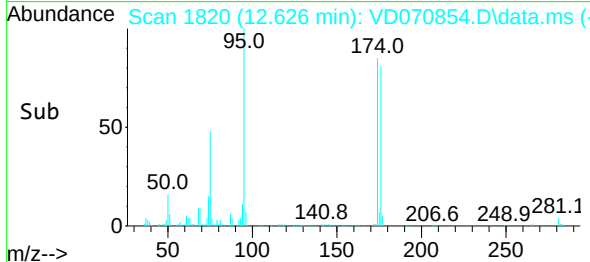
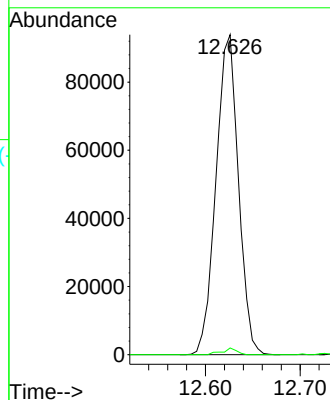
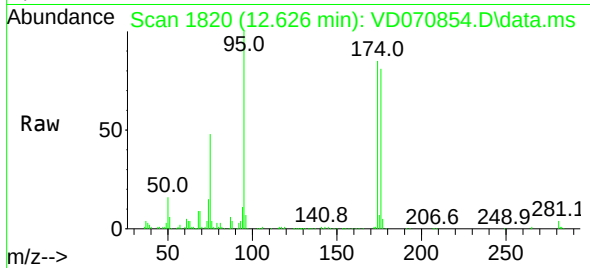




#76
1,2,3-Trichloropropane
Concen: 44.888 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

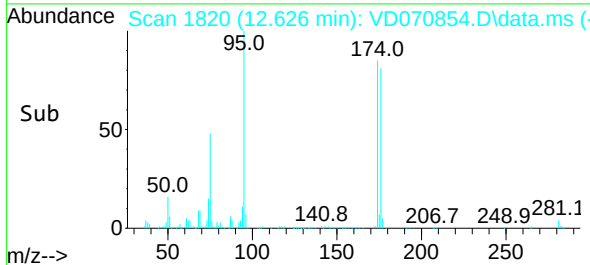
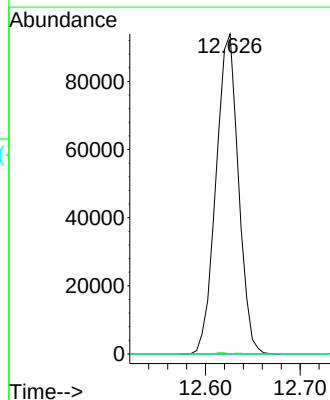
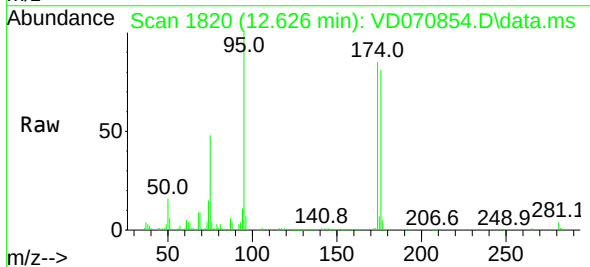
Instrument :
MSVOA_D
ClientSampled :

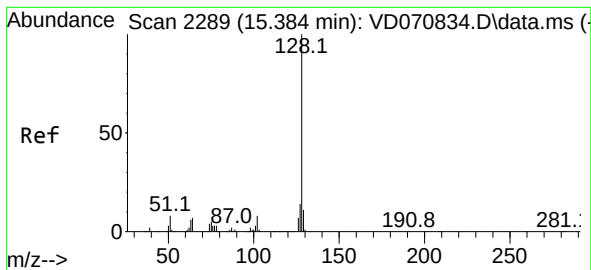
Tgt Ion: 75 Resp: 154577
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.816 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

Tgt Ion: 75 Resp: 154577
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.430 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070854.D
Acq: 27 Oct 2021 10:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 3662
Ion Ratio Lower Upper
128 100
127 7.1 10.7 16.1#
129 8.4 8.7 13.1#

