

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070469.D
 Acq On : 27 Sep 2021 11:15
 Operator : VA/SY
 Sample : VD0927SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0927SBL01

Quant Time: Sep 28 04:10:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

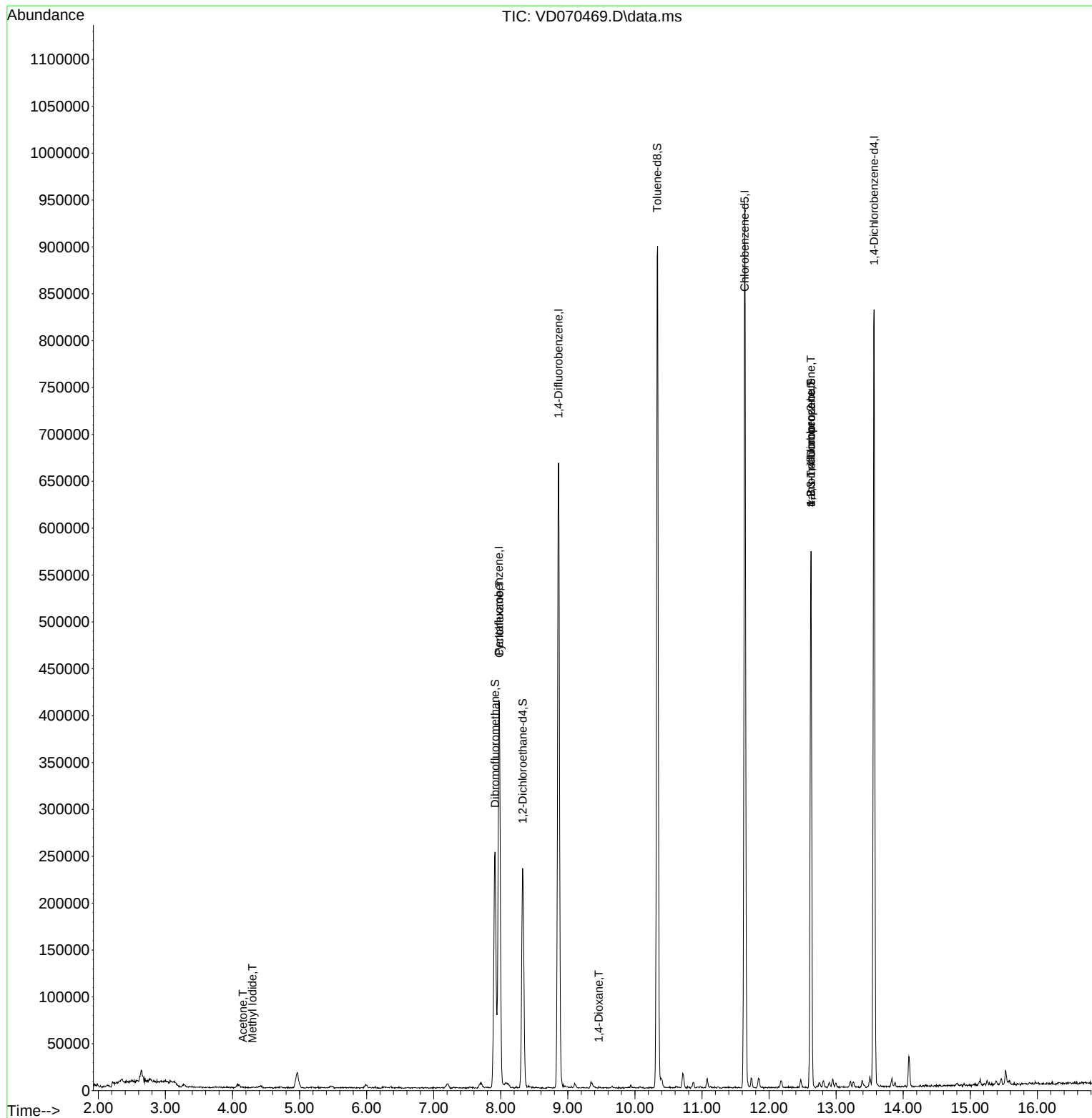
Internal Standards						
1) Pentafluorobenzene	7.973	168	291696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188395	50.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.914	113	183514	44.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.540%	
50) Toluene-d8	10.332	98	634642	42.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.340%	
62) 4-Bromofluorobenzene	12.626	95	198065	37.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.300%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	1527	Below Cal		81
3) Chloromethane	2.209	50	2034	Below Cal		94
5) Bromomethane	2.779	94	3056	Below Cal		87
6) Chloroethane	2.926	64	1080	Below Cal		96
10) Methyl Iodide	4.297	142	1117	1.332 ug/l	#	64
16) Acetone	4.156	43	1557	2.328 ug/l		96
18) Methyl Acetate	4.732	43	247	Below Cal	#	48
20) Methylene Chloride	4.973	84	13365	Below Cal		87
31) Cyclohexane	7.979	56	9061	1.404 ug/l	#	20
49) 1,4-Dioxane	9.461	88	61	2.471 ug/l	#	25
76) 1,2,3-Trichloropropane	12.626	75	94891	43.271 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	94891	108.419 ug/l	#	17

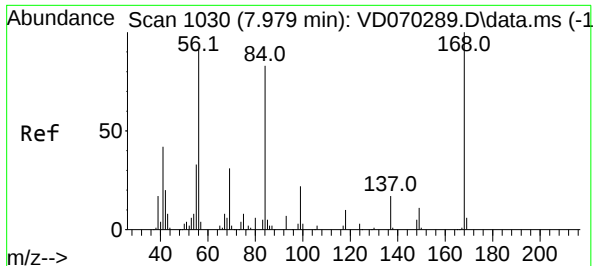
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

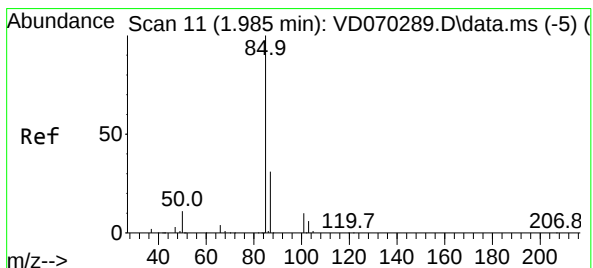
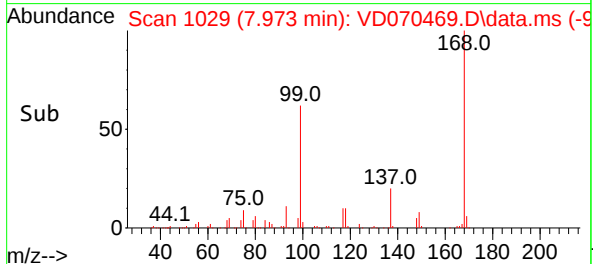
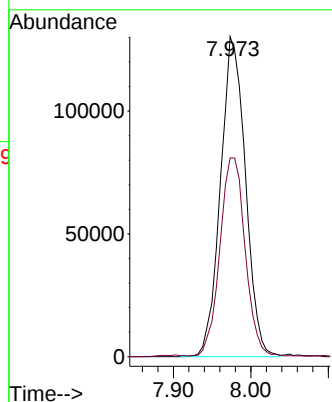
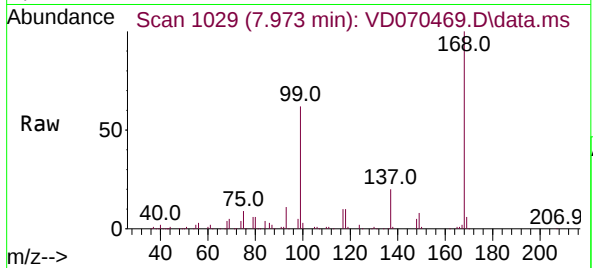




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

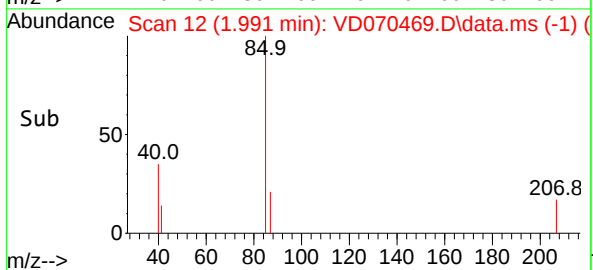
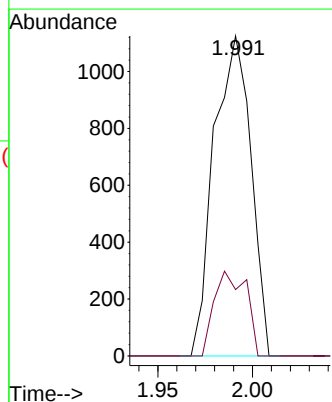
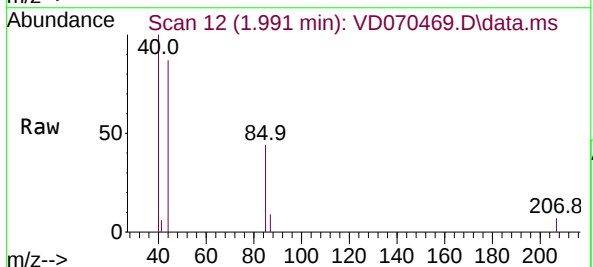
Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

Tgt Ion:168 Resp: 291696
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 85 Resp: 1527
Ion Ratio Lower Upper
85 100
87 20.7 15.6 46.8

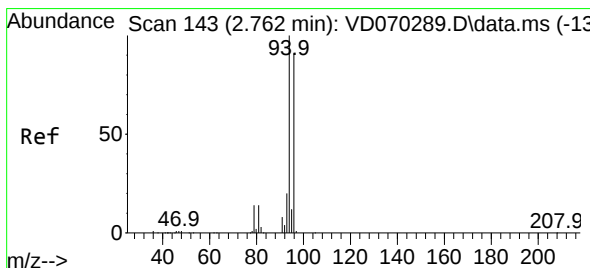
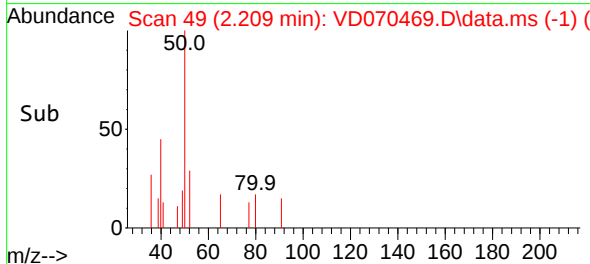
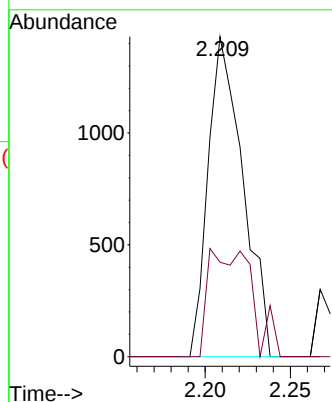
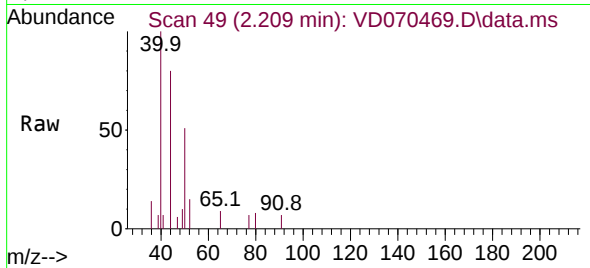




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

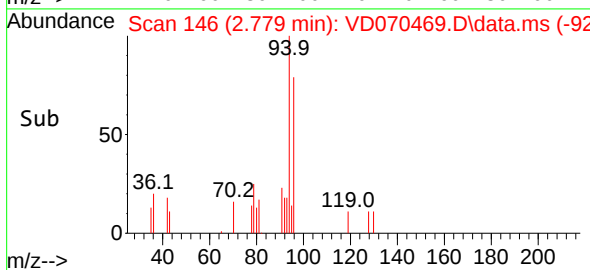
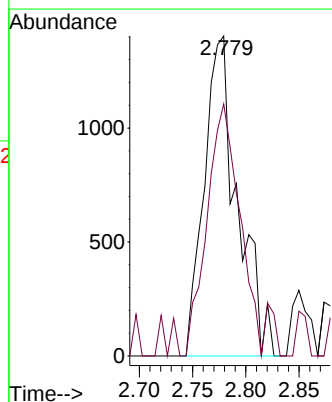
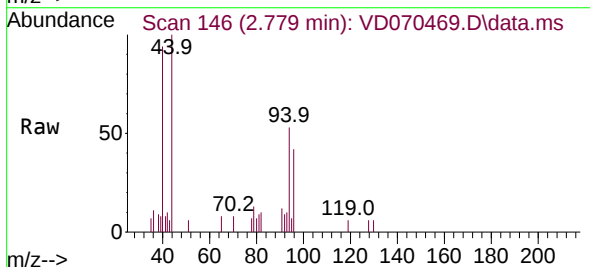
Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

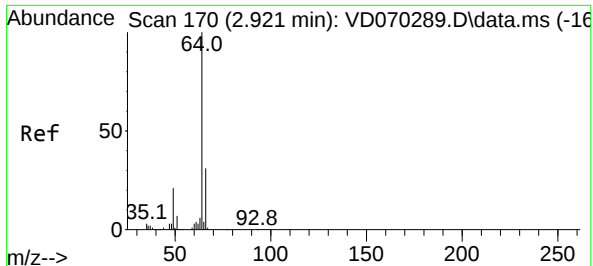
Tgt Ion: 50 Resp: 2034
Ion Ratio Lower Upper
50 100
52 29.5 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 94 Resp: 3056
Ion Ratio Lower Upper
94 100
96 78.8 73.0 109.6

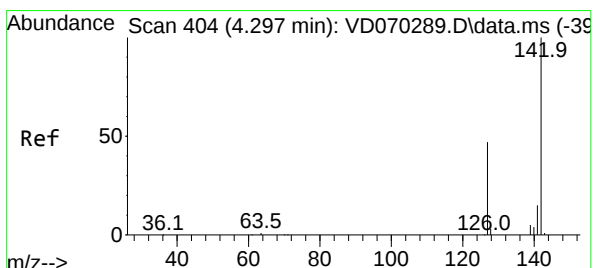
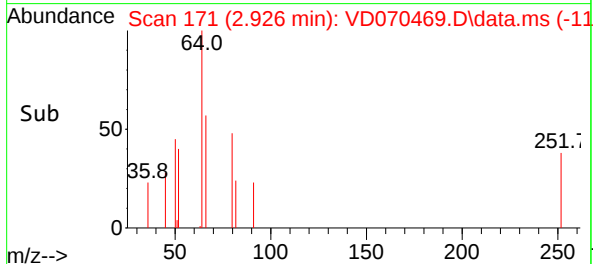
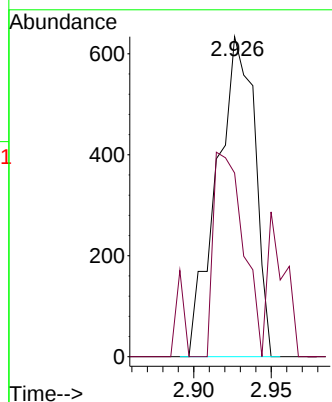
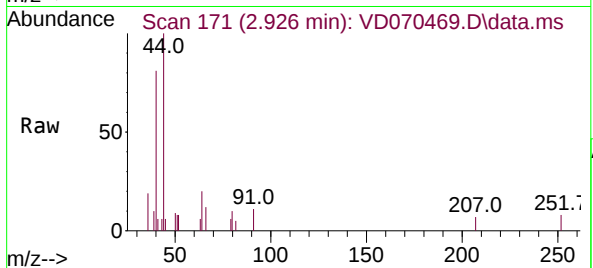




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

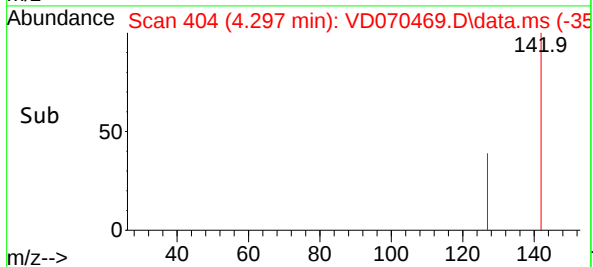
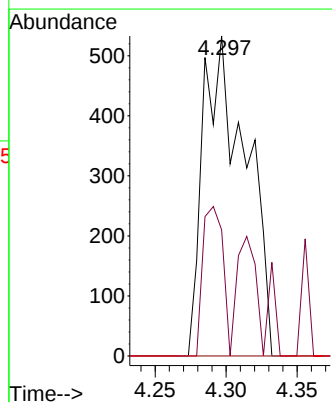
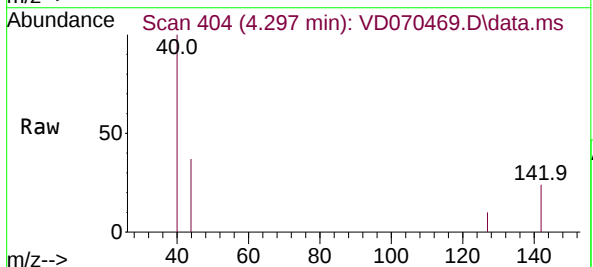
Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

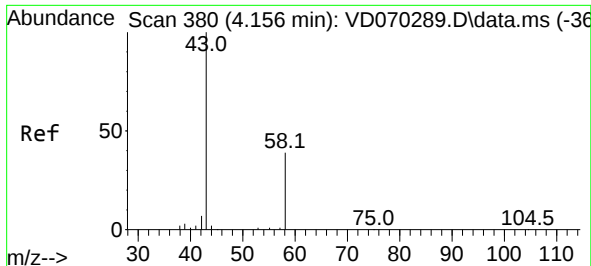
Tgt Ion: 64 Resp: 1080
Ion Ratio Lower Upper
64 100
66 33.4 25.0 37.4



#10
Methyl Iodide
Concen: 1.332 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 142 Resp: 1117
Ion Ratio Lower Upper
142 100
127 21.8 36.9 55.3#
141 0.0 11.8 17.6#

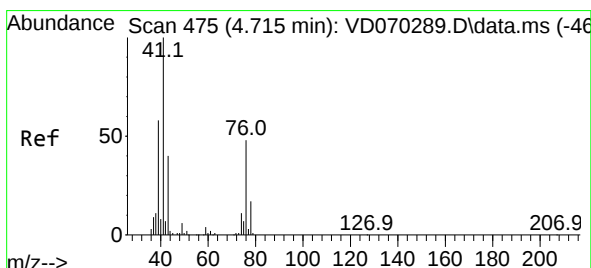
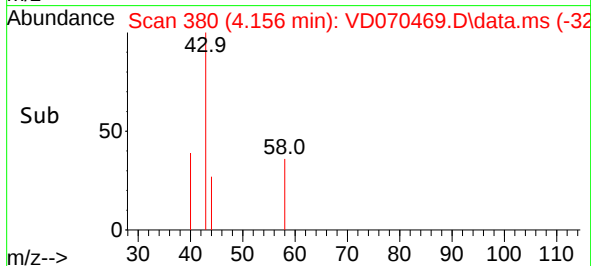
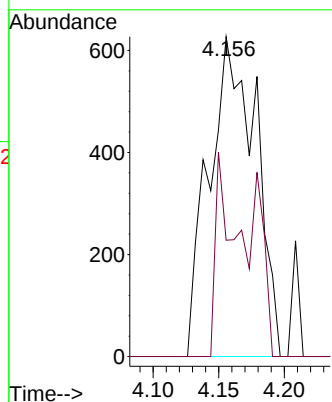
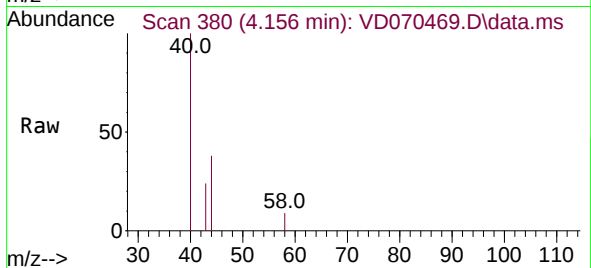




#16
Acetone
Concen: 2.328 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

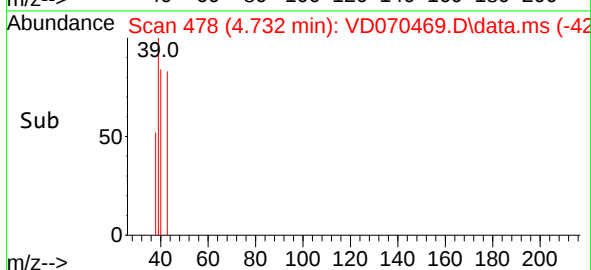
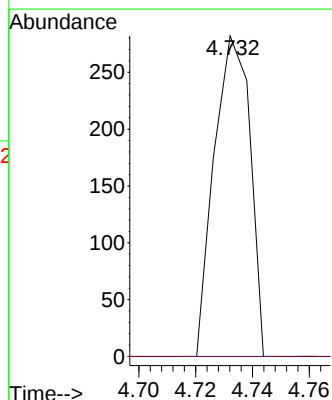
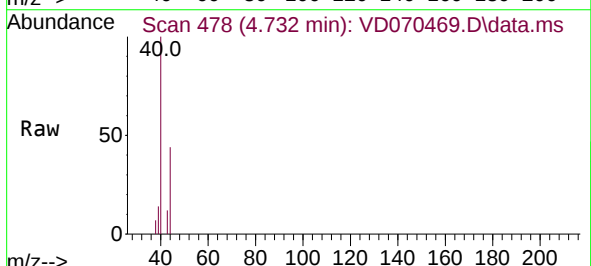
Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

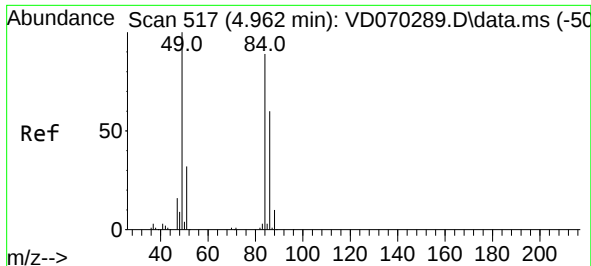
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 36.4 30.9 46.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

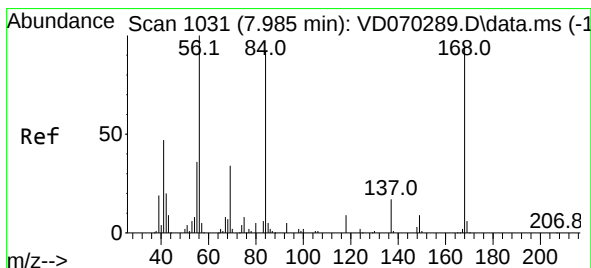
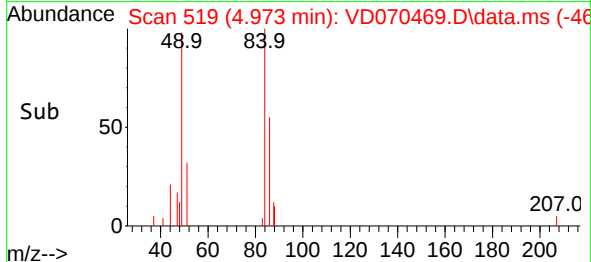
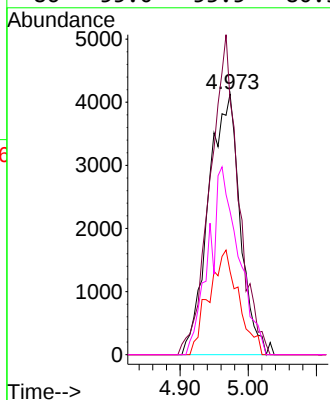
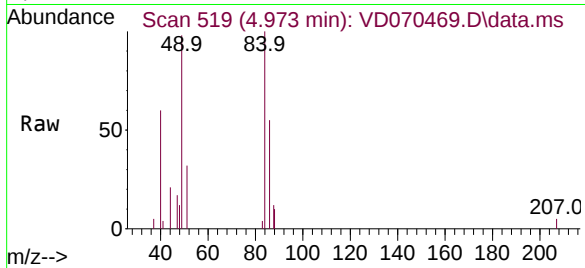




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

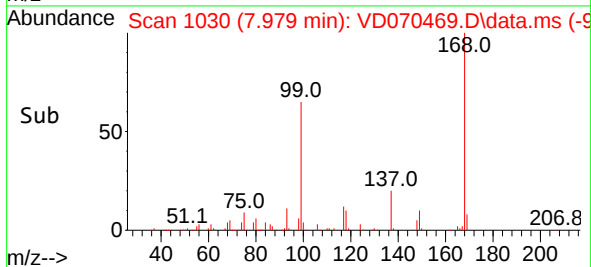
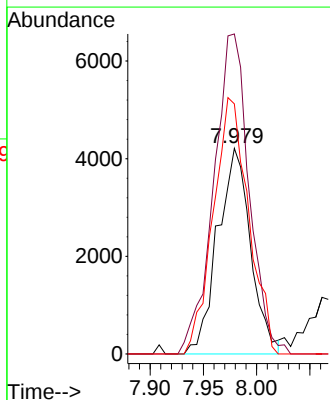
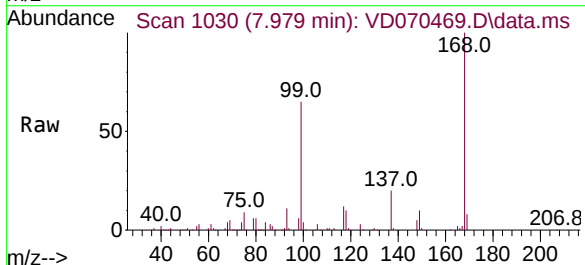
Instrument :
MSVOA_D
ClientSampleId :
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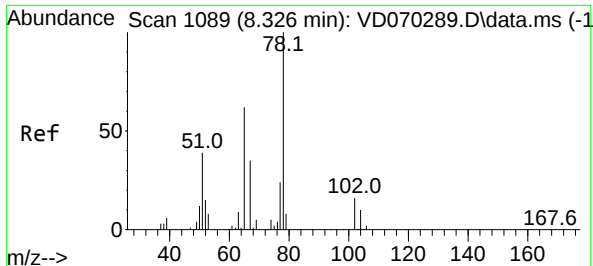
Tgt Ion:	84	Resp:	13365
Ion	Ratio	Lower	Upper
84	100		
49	97.5	89.6	134.4
51	31.9	28.6	43.0
86	55.0	53.5	80.3



#31
Cyclohexane
Concen: 1.404 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion:	56	Resp:	9061
Ion	Ratio	Lower	Upper
56	100		
69	155.6	26.9	40.3#
84	121.6	73.6	110.4#

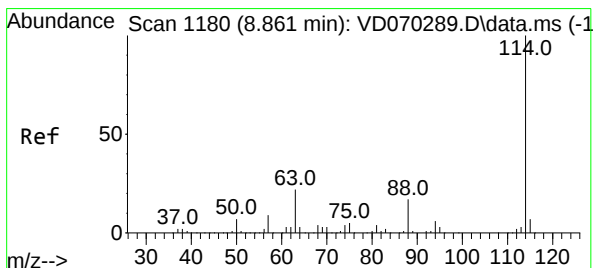
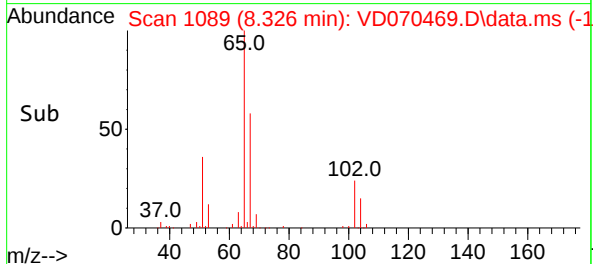
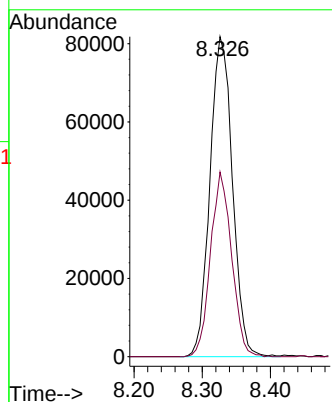
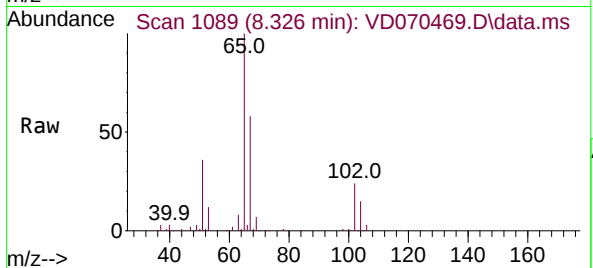




#33
1,2-Dichloroethane-d4
Concen: 50.300 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

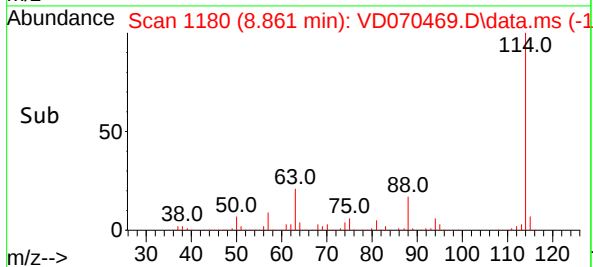
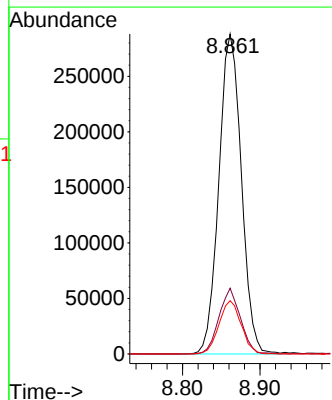
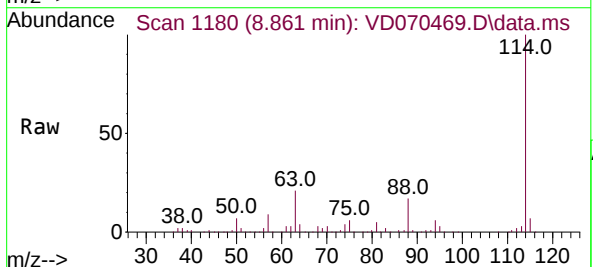
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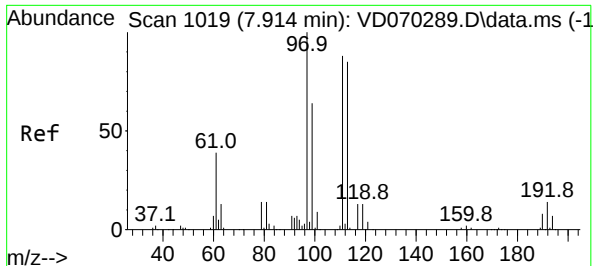
Tgt Ion: 65 Resp: 188395
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 114 Resp: 582382
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.269 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070469.D

Acq: 27 Sep 2021 11:15

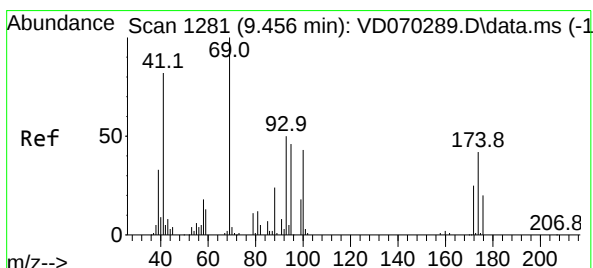
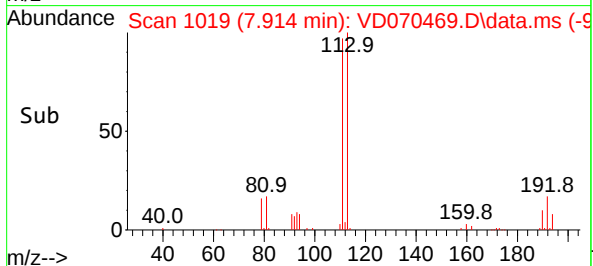
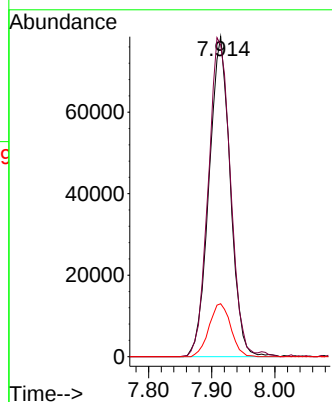
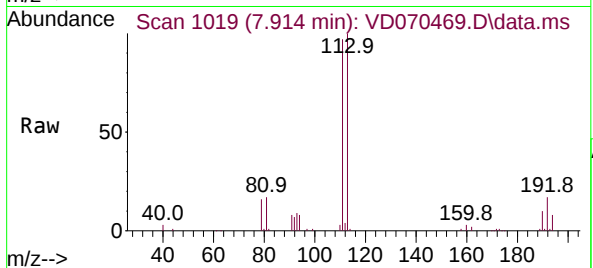
Tgt Ion:113 Resp: 183514

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.2

192 16.9 13.0 19.6



#49

1,4-Dioxane

Concen: 2.471 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD070469.D

Acq: 27 Sep 2021 11:15

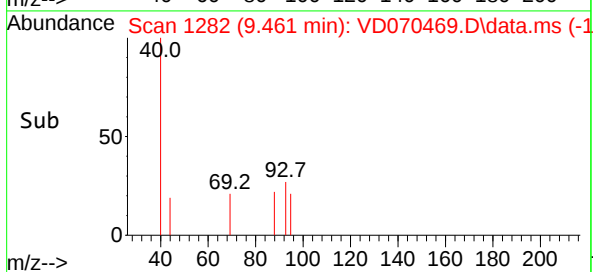
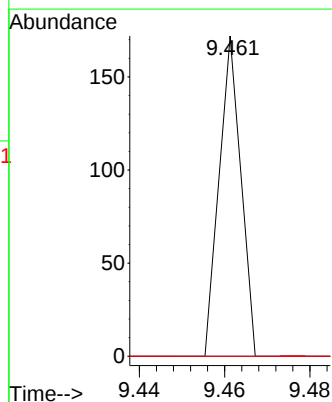
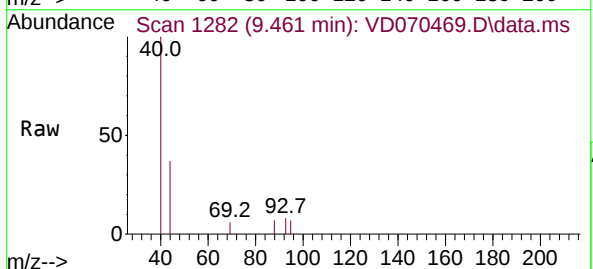
Tgt Ion: 88 Resp: 61

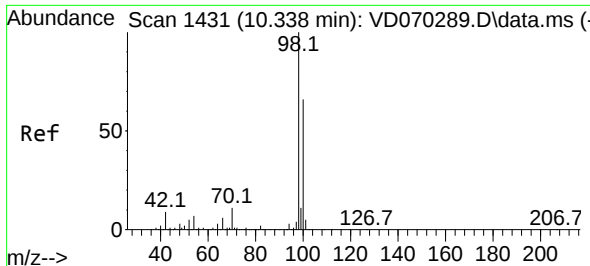
Ion Ratio Lower Upper

88 100

43 0.0 22.4 33.6#

58 0.0 54.2 81.4#

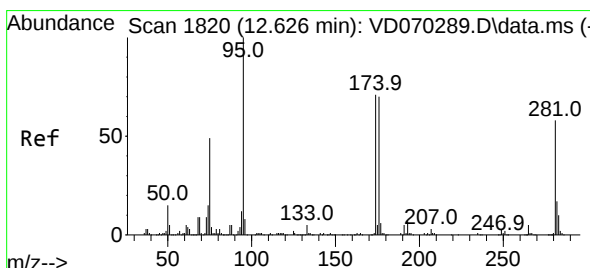
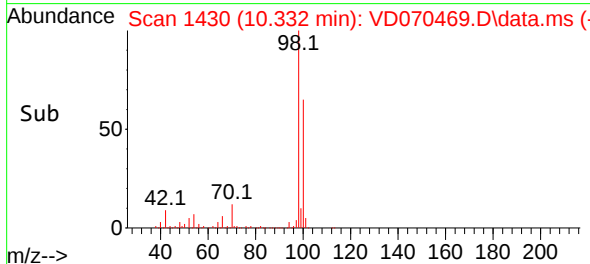
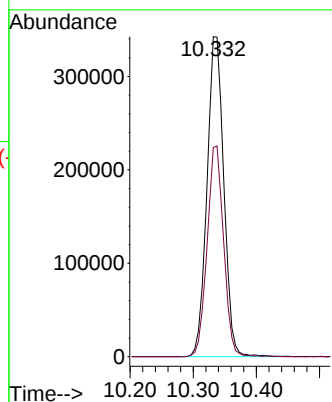
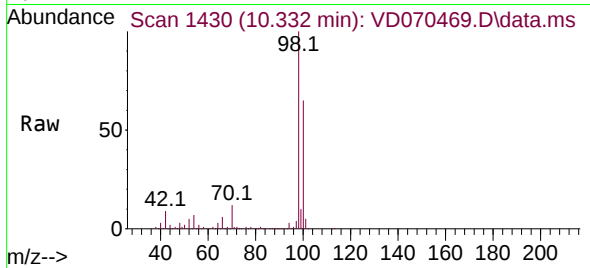




#50
Toluene-d8
Concen: 42.166 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

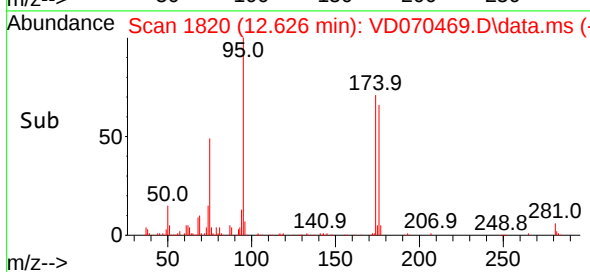
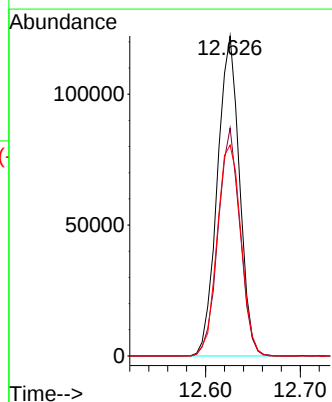
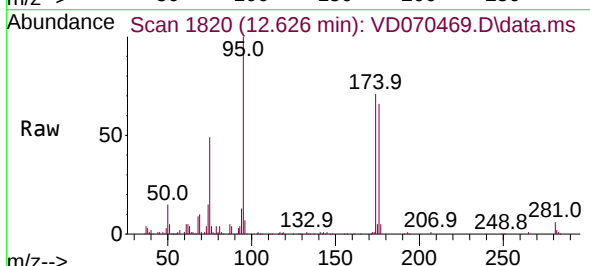
Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

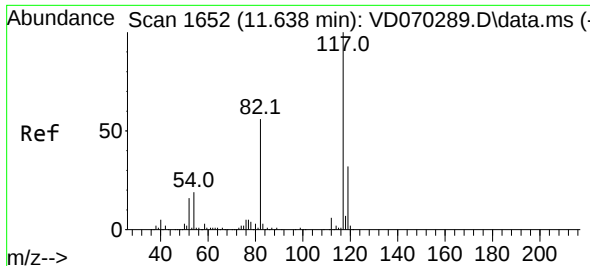
Tgt Ion: 98 Resp: 634642
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.654 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 95 Resp: 198065
Ion Ratio Lower Upper
95 100
174 70.3 0.0 140.6
176 71.2 0.0 137.4

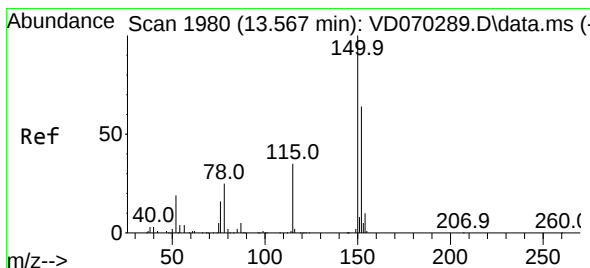
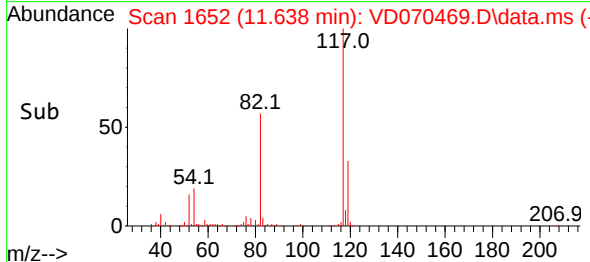
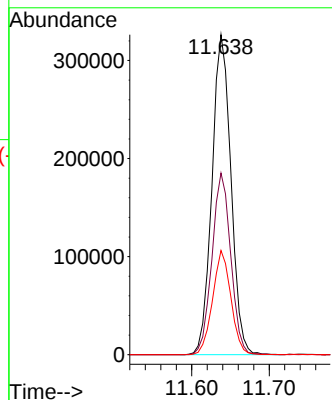
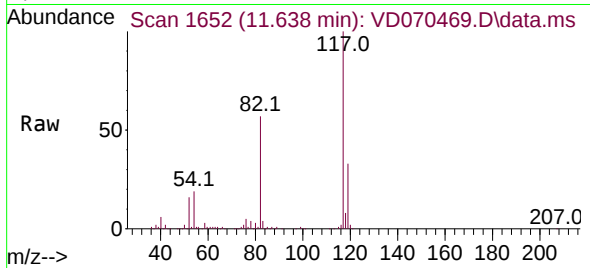




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

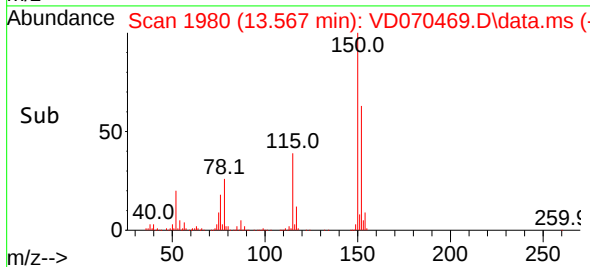
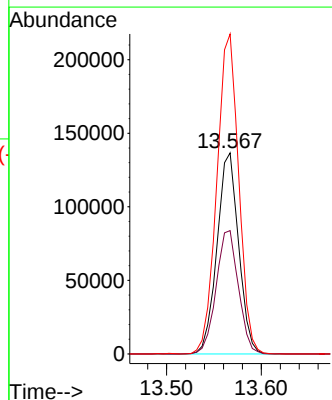
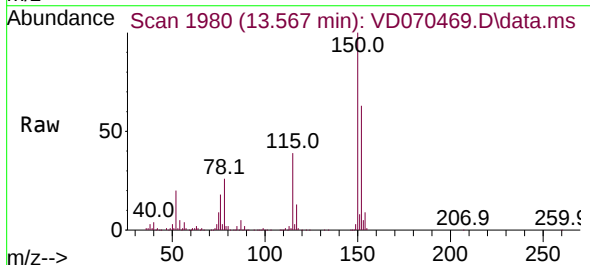
Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

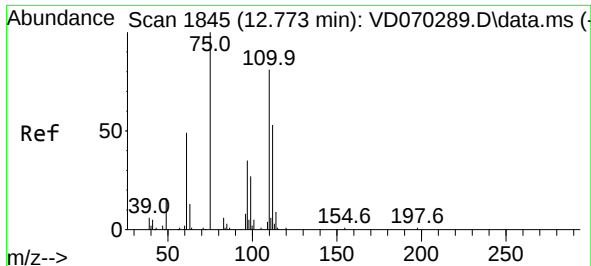
Tgt Ion:	117	Resp:	555312
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.4
119	32.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion:	152	Resp:	216799
Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.1	96.3
150	160.7	0.0	350.6

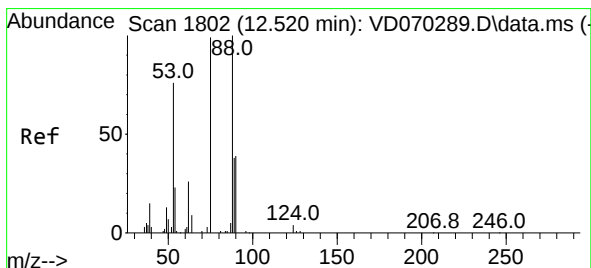
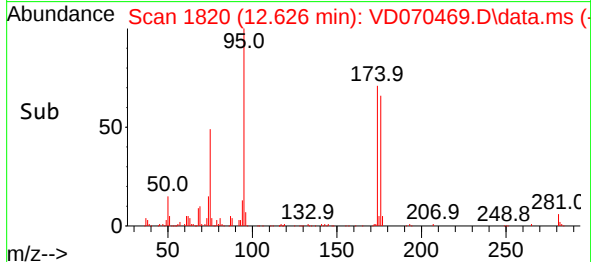
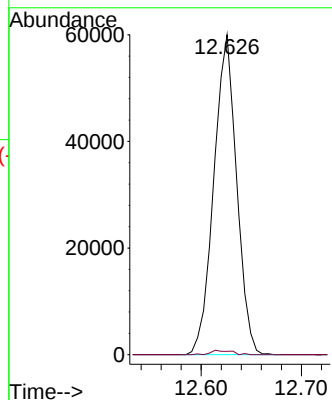
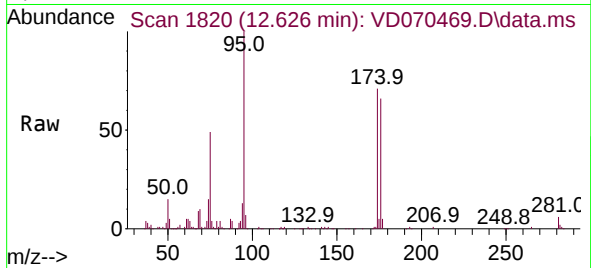




#76
1,2,3-Trichloropropane
Concen: 43.271 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD0927SBL01

Tgt Ion: 75 Resp: 94891
Ion Ratio Lower Upper
75 100
77 1.3 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.419 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070469.D
Acq: 27 Sep 2021 11:15

Tgt Ion: 75 Resp: 94891
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.0 35.6 53.4#

