

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070512.D
 Acq On : 28 Sep 2021 19:45
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 23:45:43 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)

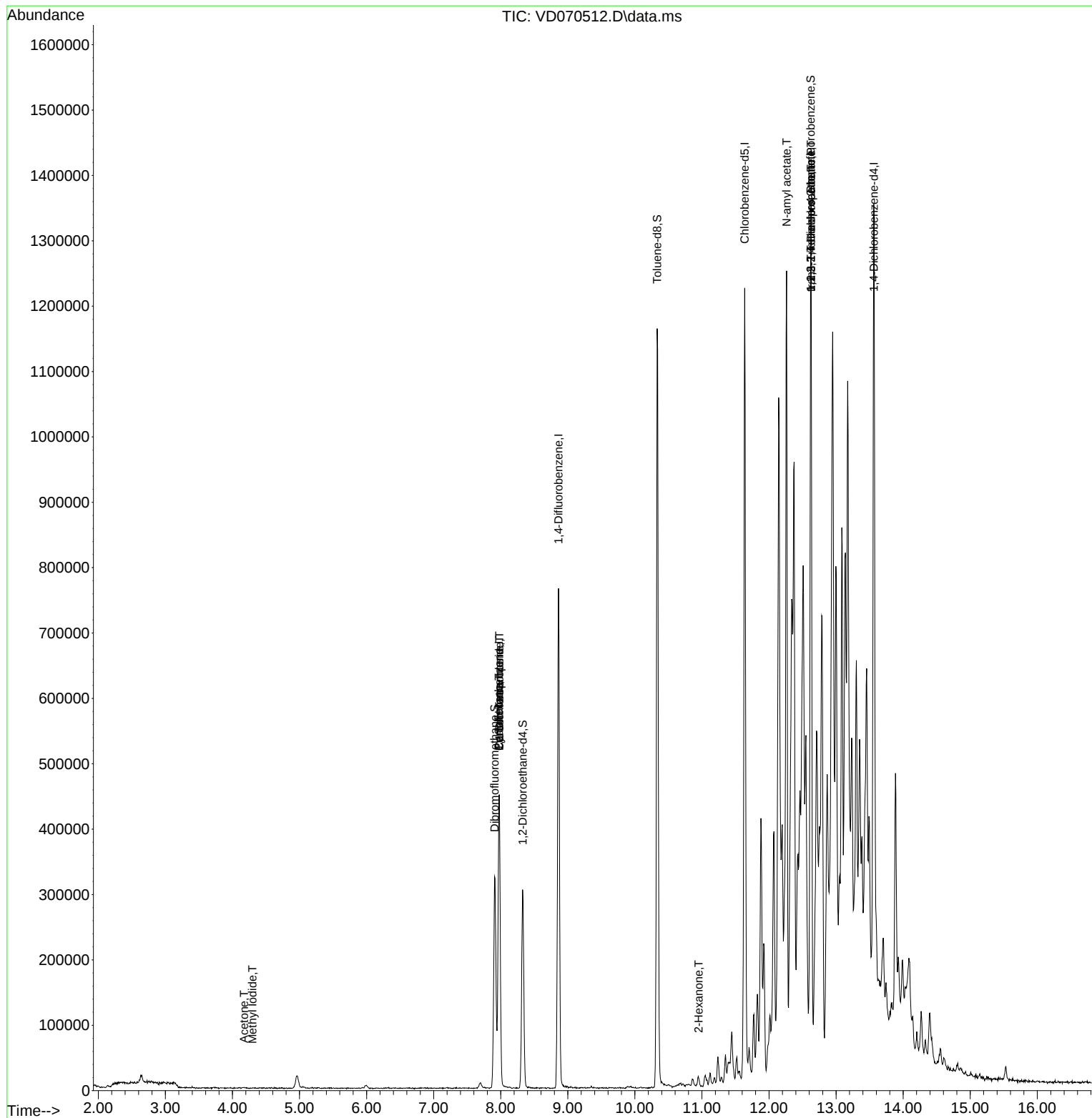
Internal Standards						
1) Pentafluorobenzene	7.973	168	316619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	640624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238200	58.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.180%	
35) Dibromofluoromethane	7.909	113	242377	53.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.300%	
50) Toluene-d8	10.332	98	817022	49.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.620	95	357397	61.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	420	Below Cal	#	43
3) Chloromethane	2.209	50	1258	Below Cal	#	42
5) Bromomethane	2.773	94	2071	Below Cal	#	67
6) Chloroethane	2.926	64	59	Below Cal	#	1
10) Methyl Iodide	4.297	142	391	1.127	ug/l #	85
16) Acetone	4.173	43	1828	2.519	ug/l #	36
18) Methyl Acetate	4.803	43	61	Below Cal	#	48
20) Methylene Chloride	4.962	84	16589	Below Cal		92
31) Cyclohexane	7.973	56	7432	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	27815	4.062	ug/l #	48
38) Carbon Tetrachloride	7.979	117	37057	5.472	ug/l #	16
59) 2-Hexanone	10.950	43	5740	3.512	ug/l #	22
74) N-amyl acetate	12.261	43	228594	44.716	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.626	83	15307	3.046	ug/l	73
76) 1,2,3-Trichloropropane	12.626	75	165814	48.998	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	165814	122.769	ug/l #	20

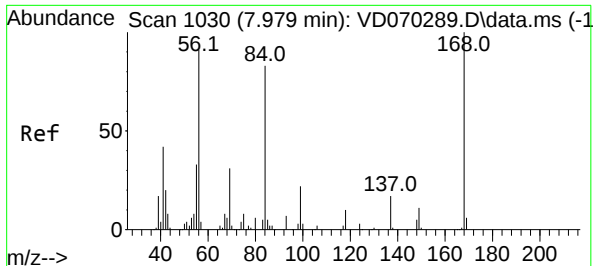
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
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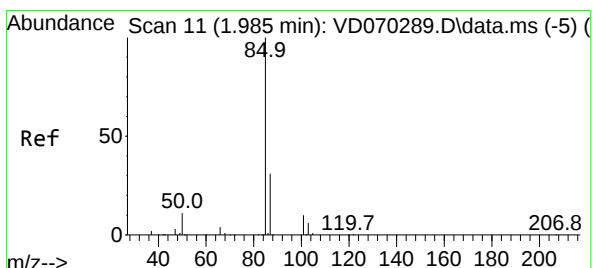
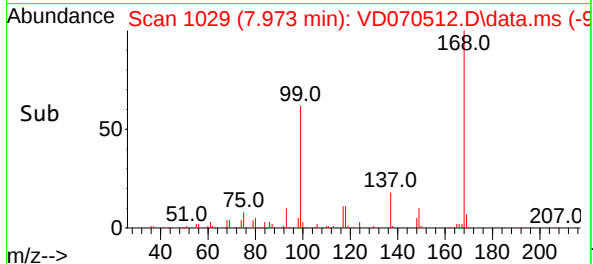
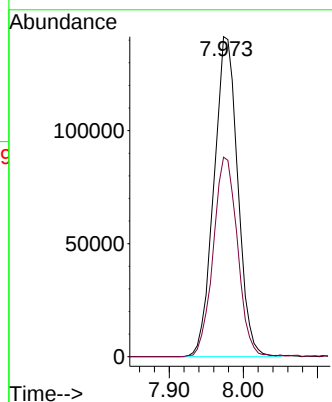
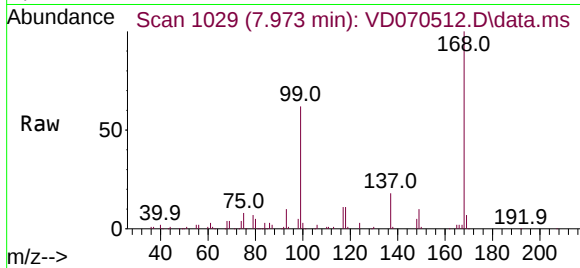




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

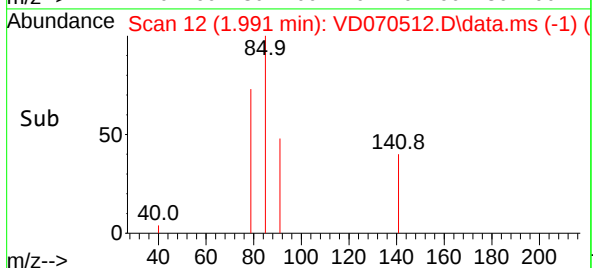
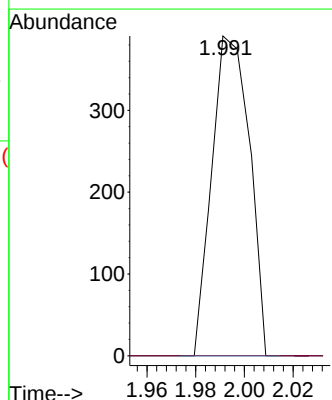
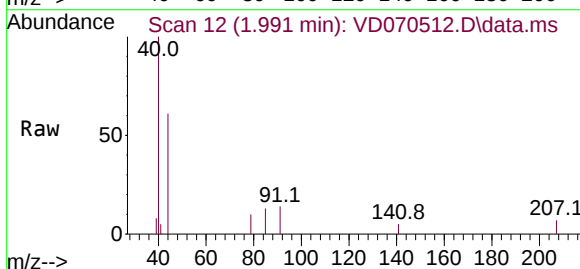
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 316619
Ion Ratio Lower Upper
168 100
99 62.3 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 85 Resp: 420
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

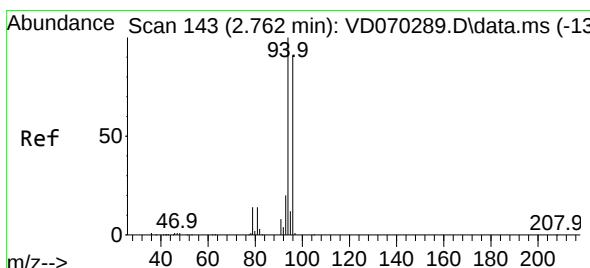
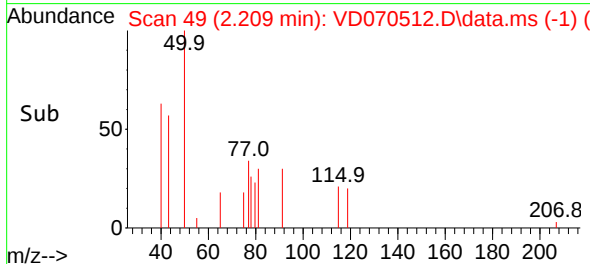
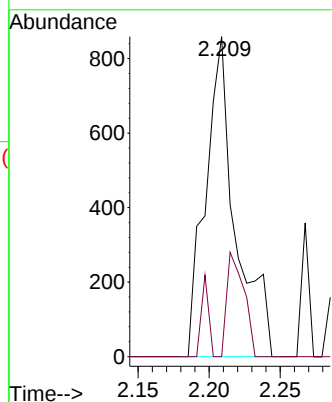
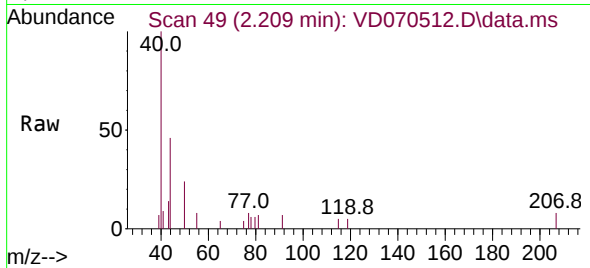




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

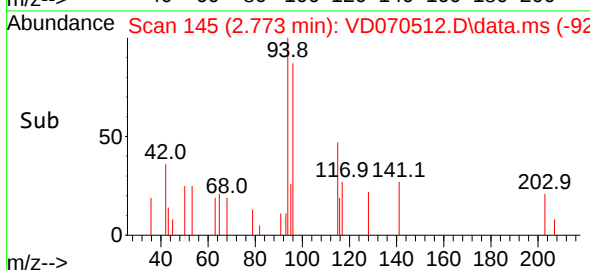
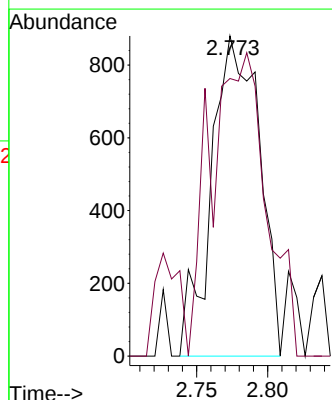
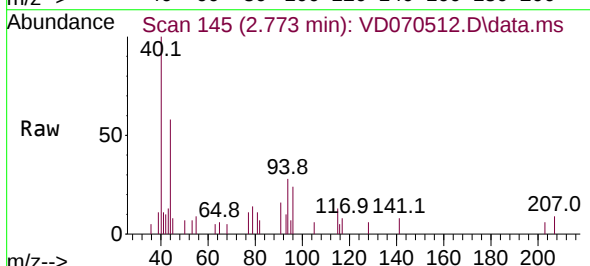
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

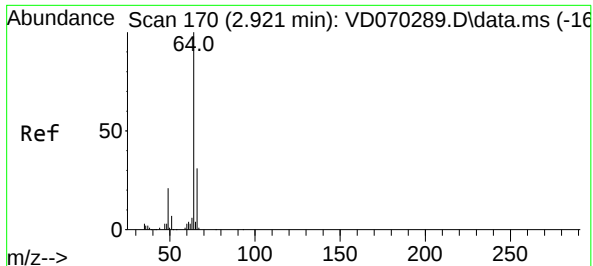
Tgt Ion: 50 Resp: 1258
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 94 Resp: 2071
Ion Ratio Lower Upper
94 100
96 60.0 73.0 109.6#

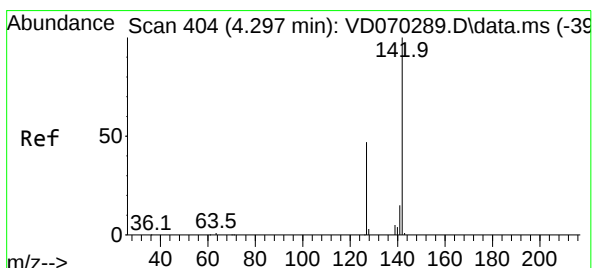
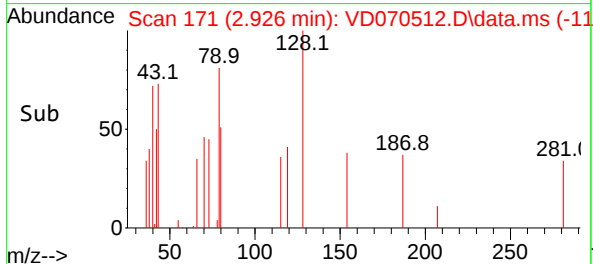
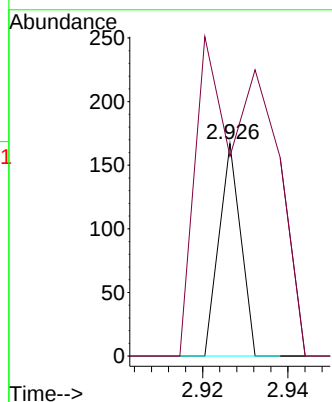
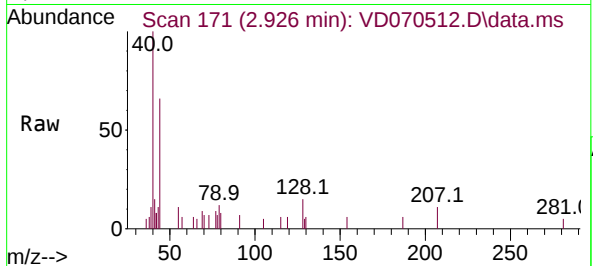




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

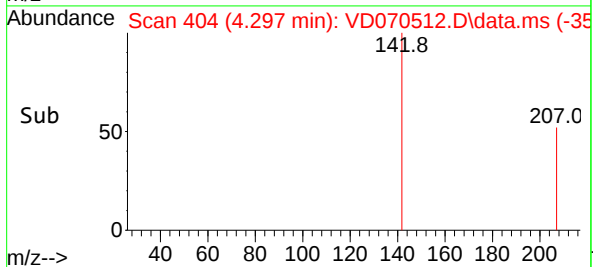
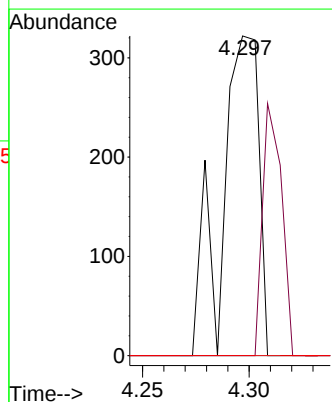
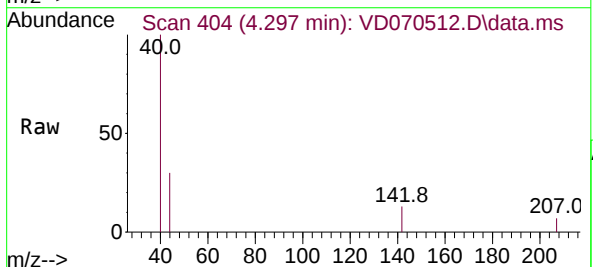
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

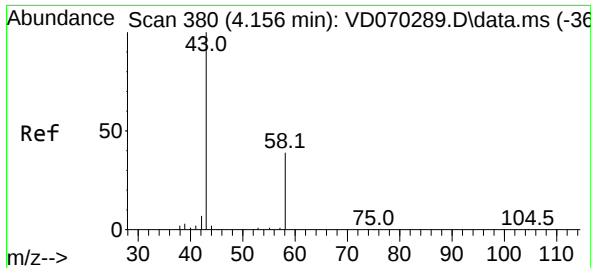
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 94.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.127 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 40.2 36.9 55.3
141 0.0 11.8 17.6#

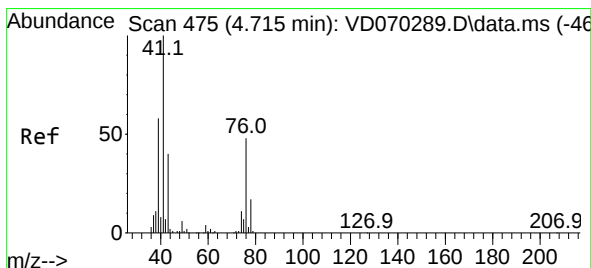
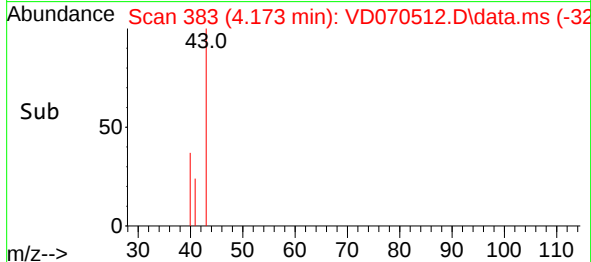
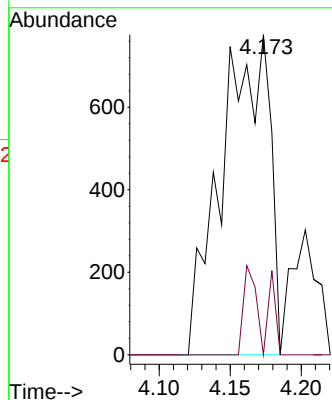
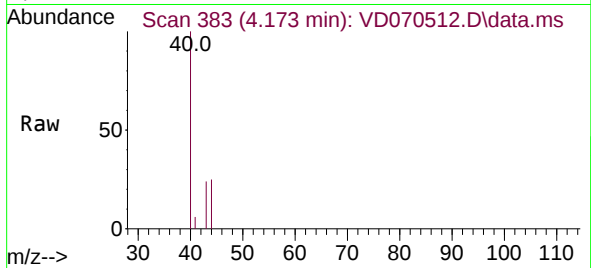




#16
Acetone
Concen: 2.519 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

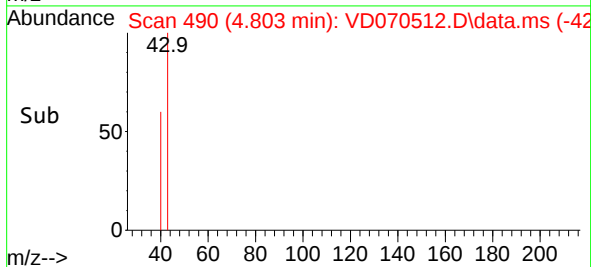
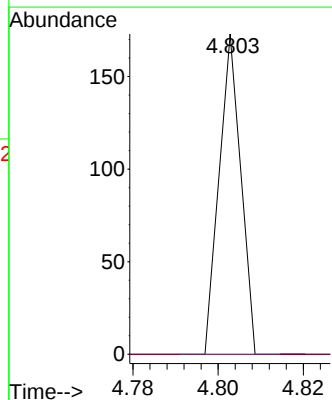
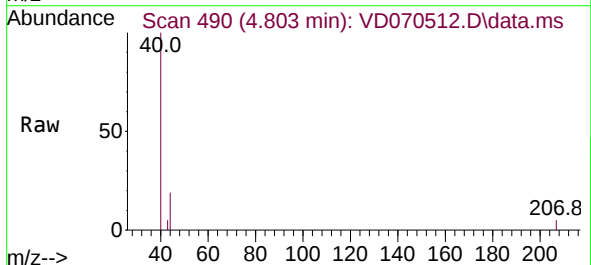
Instrument :
MSVOA_D
ClientSampled :
VIBLK

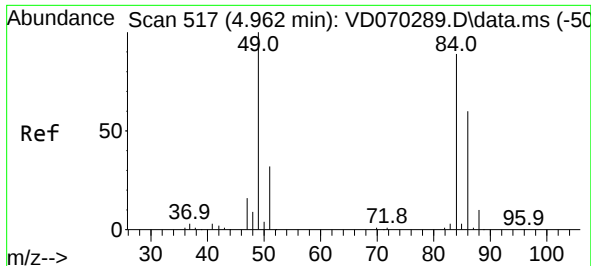
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.803 min Scan# 490
Delta R.T. 0.088 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

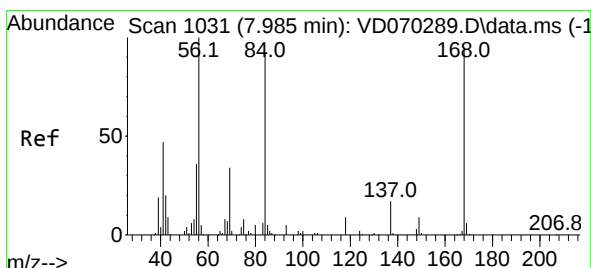
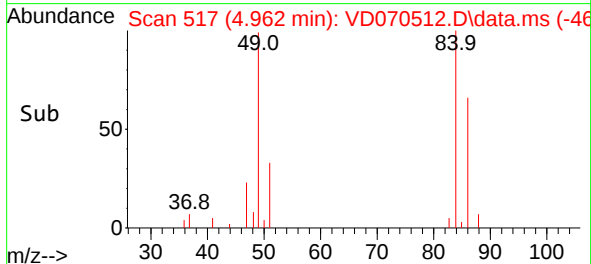
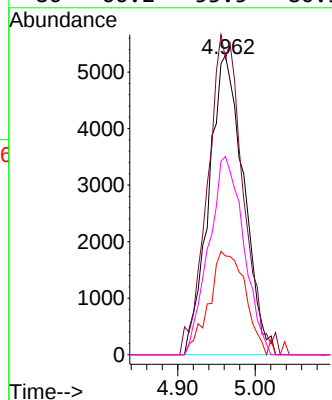
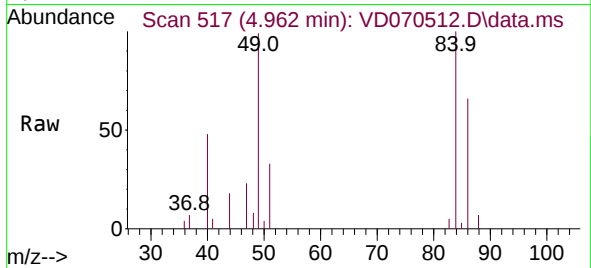




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

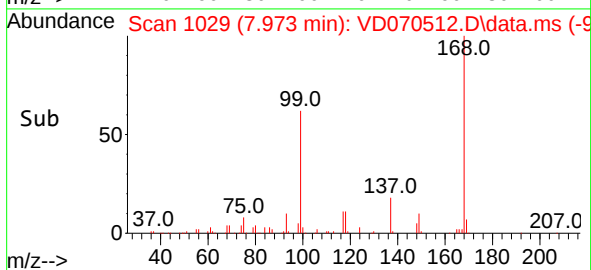
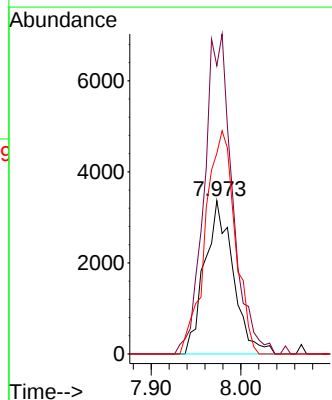
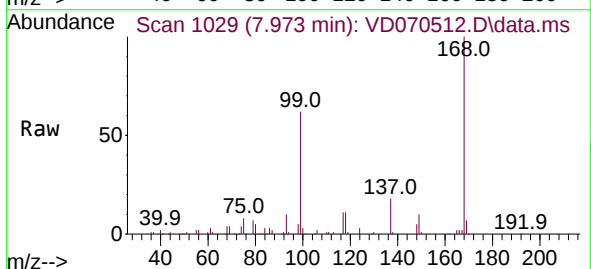
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ClientSampleId :
VIBLK

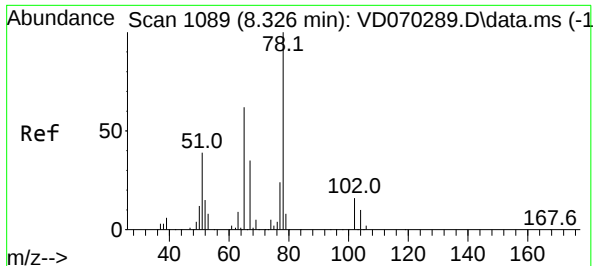
Tgt Ion:	84	Resp:	16589
Ion	Ratio	Lower	Upper
84	100		
49	98.8	89.6	134.4
51	33.0	28.6	43.0
86	66.2	53.5	80.3



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:	56	Resp:	7432
Ion	Ratio	Lower	Upper
56	100		
69	188.1	26.9	40.3#
84	137.8	73.6	110.4#

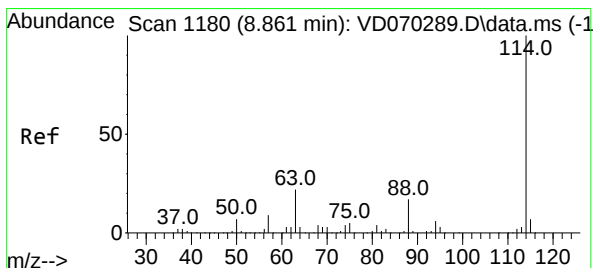
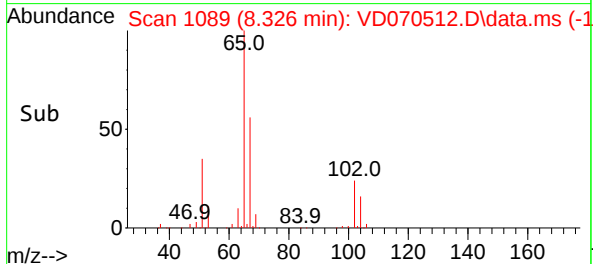
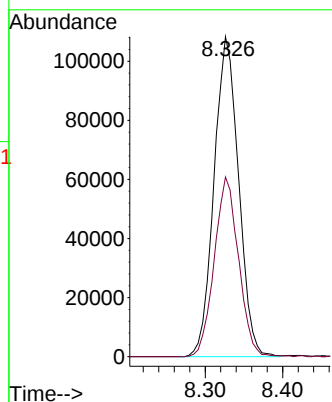
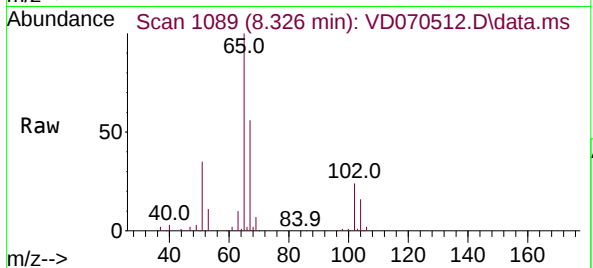




#33
1,2-Dichloroethane-d4
Concen: 58.591 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

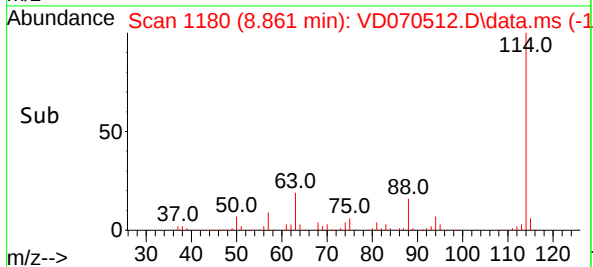
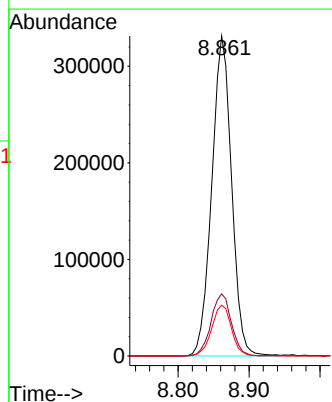
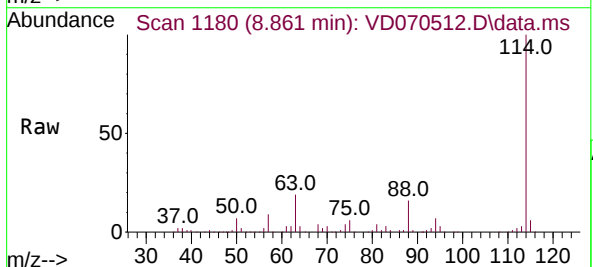
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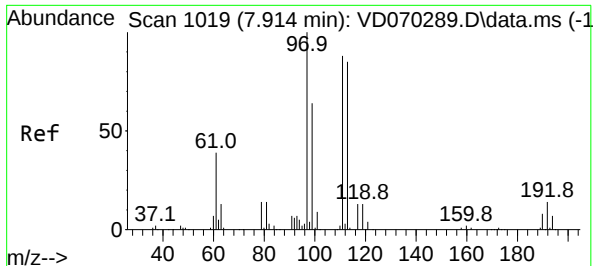
Tgt Ion: 65 Resp: 238200
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:114 Resp: 640624
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.4
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.152 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070512.D

Acq: 28 Sep 2021 19:45

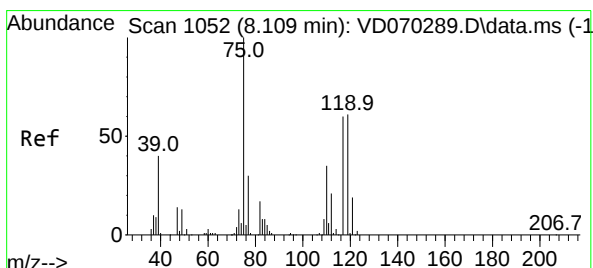
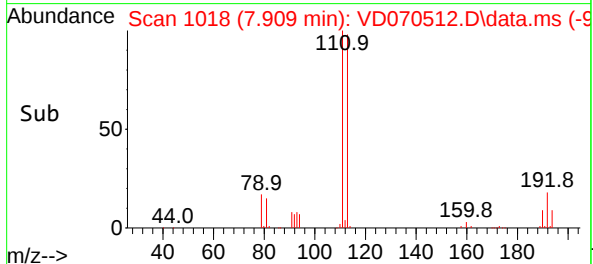
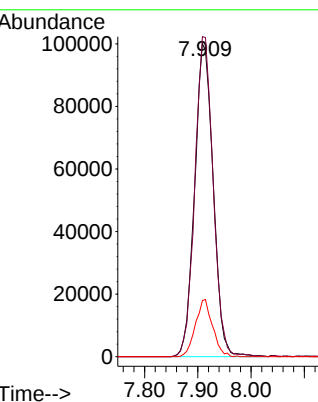
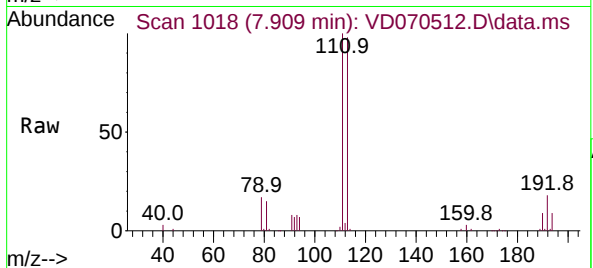
Tgt Ion:113 Resp: 242377

Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.2

192 16.8 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.062 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070512.D

Acq: 28 Sep 2021 19:45

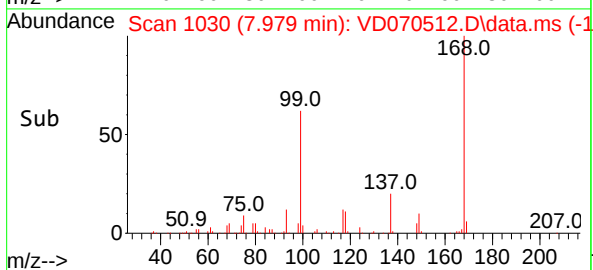
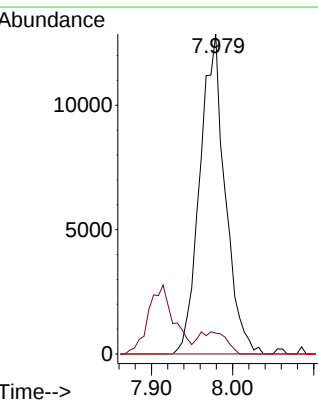
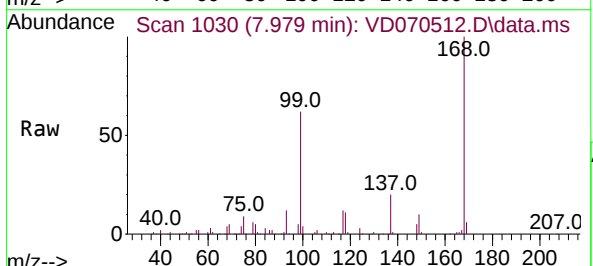
Tgt Ion: 75 Resp: 27815

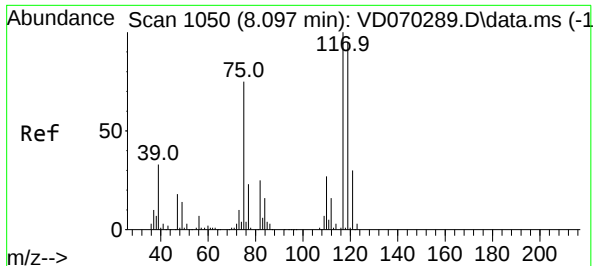
Ion Ratio Lower Upper

75 100

110 7.6 17.9 53.7#

77 0.0 25.3 37.9#

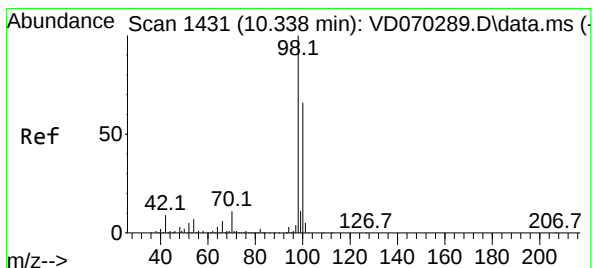
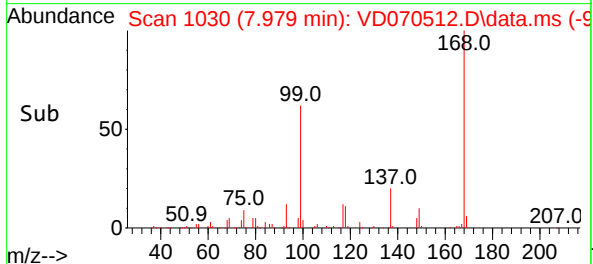
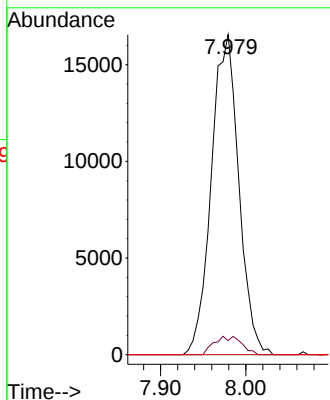
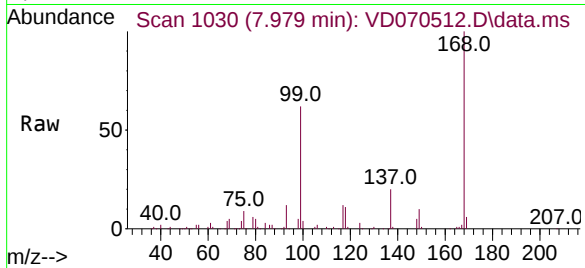




#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

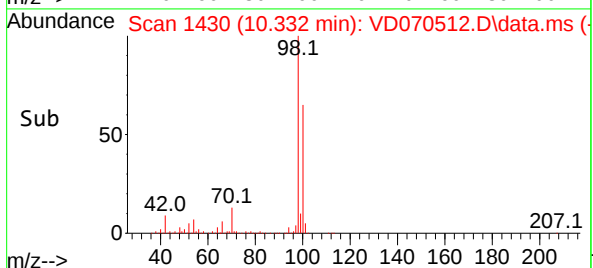
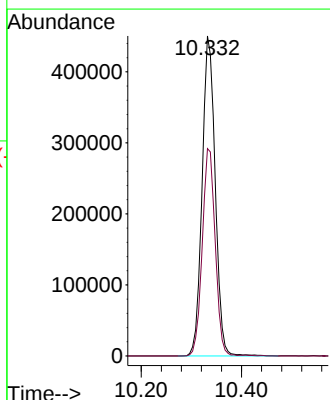
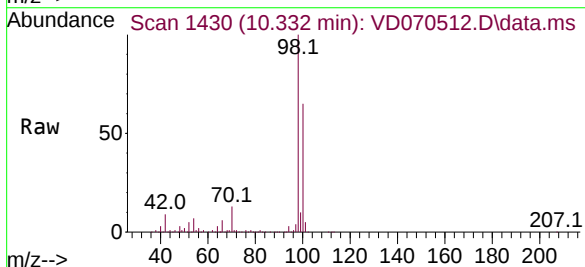
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

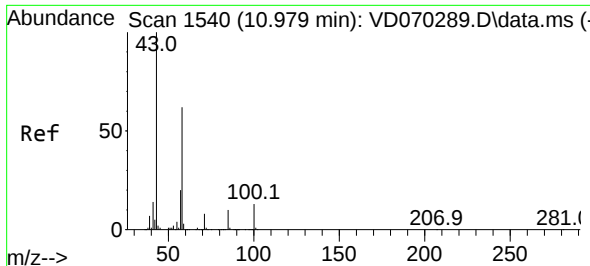
Tgt Ion:117 Resp: 37057
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.348 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 98 Resp: 817022
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

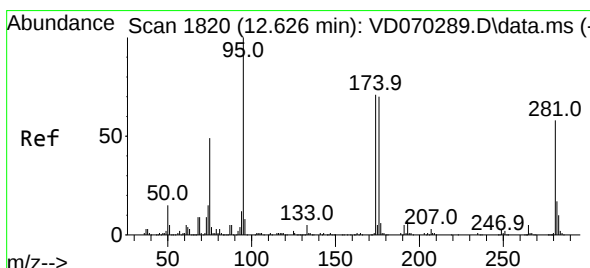
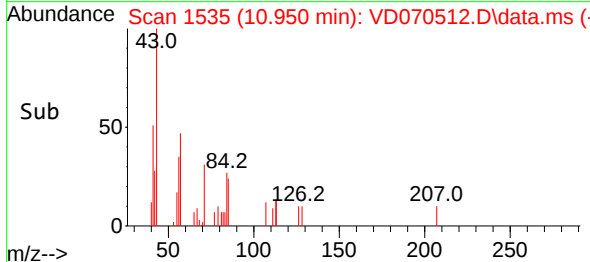
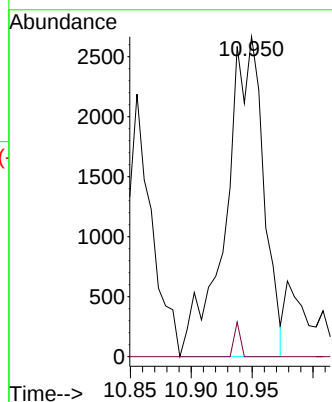
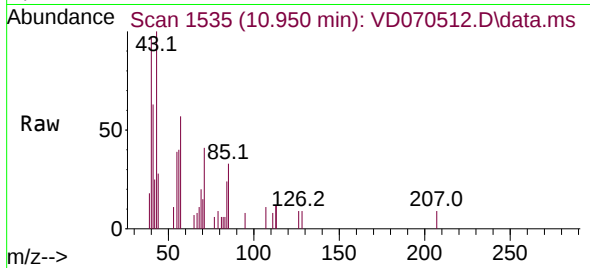




#59
2-Hexanone
Concen: 3.512 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.029 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

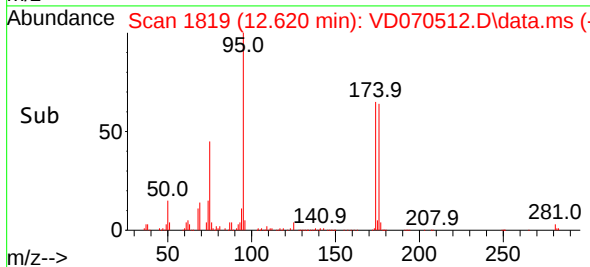
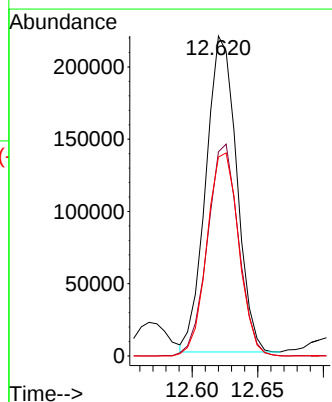
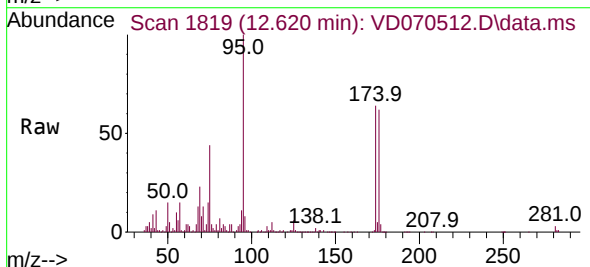
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

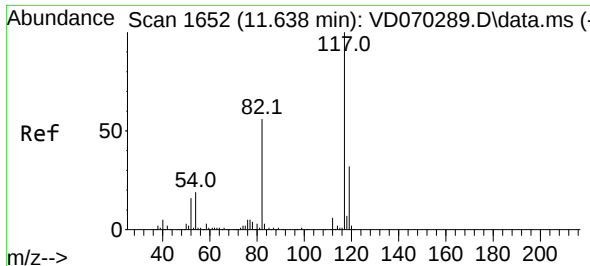
Tgt Ion: 43 Resp: 5740
Ion Ratio Lower Upper
43 100
58 1.8 30.6 91.6#



#62
4-Bromofluorobenzene
Concen: 61.767 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 95 Resp: 357397
Ion Ratio Lower Upper
95 100
174 67.7 0.0 140.6
176 66.1 0.0 137.4

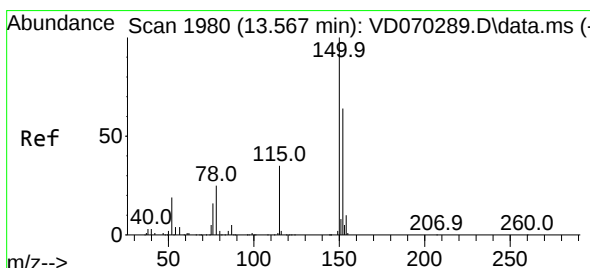
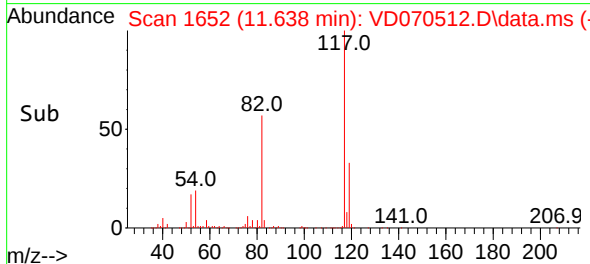
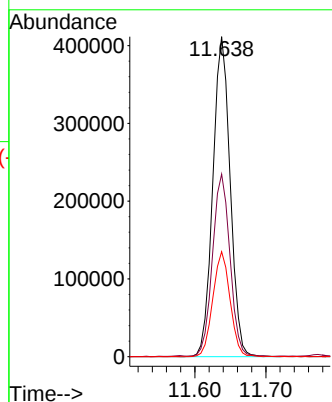
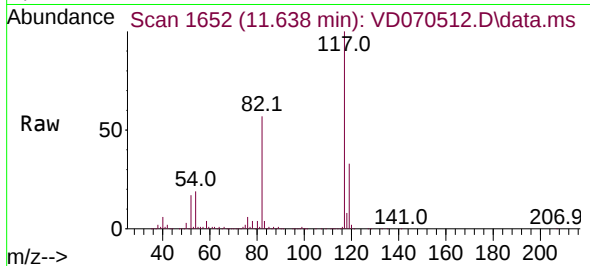




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

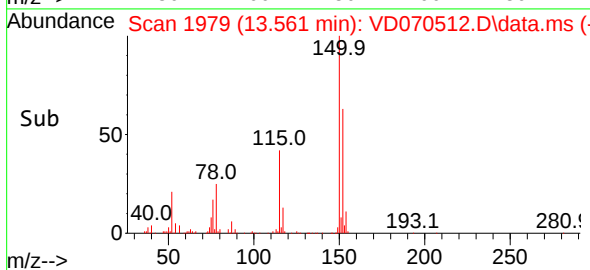
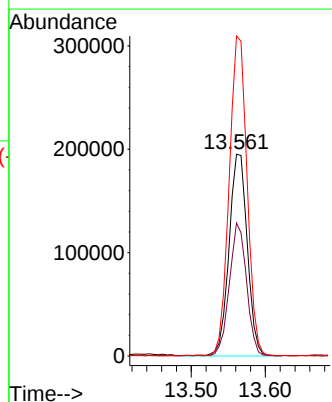
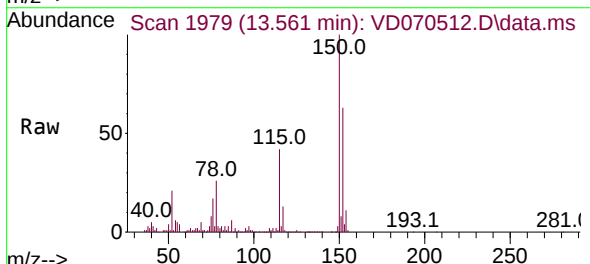
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

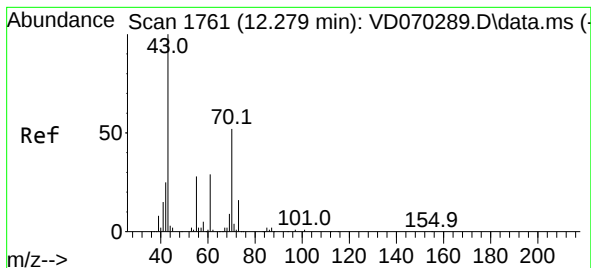
Tgt Ion:	117	Resp:	698139
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.8	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:	152	Resp:	334559
Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.1	96.3
150	154.8	0.0	350.6

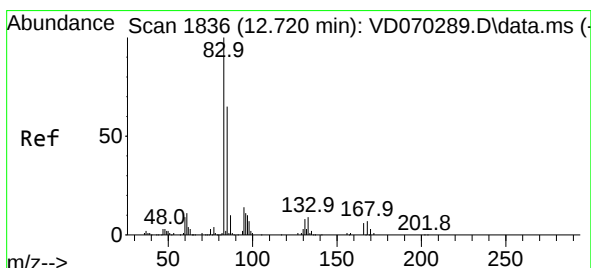
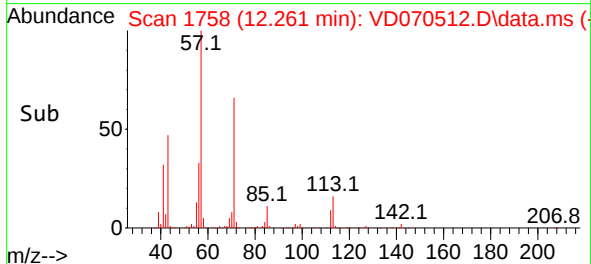
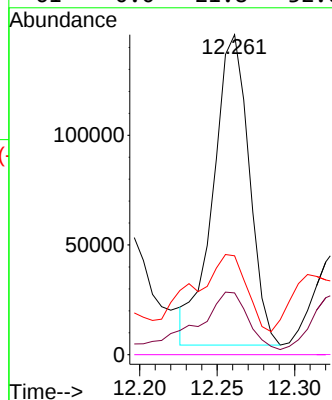
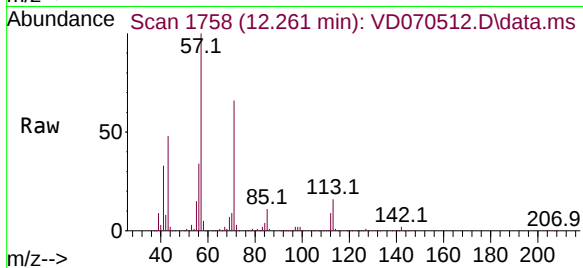




#74
N-amy1 acetate
Concen: 44.716 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

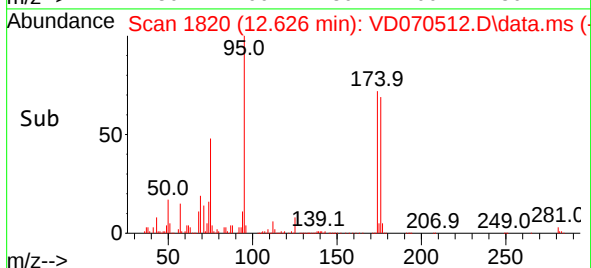
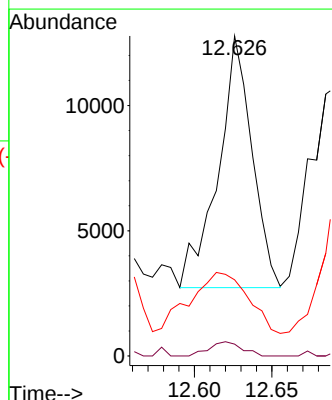
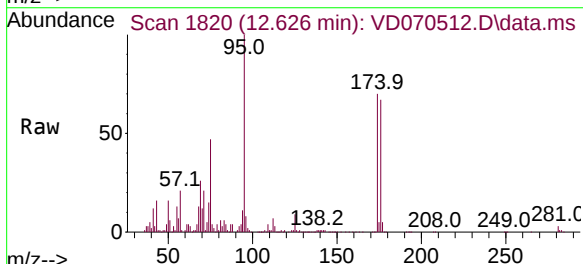
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

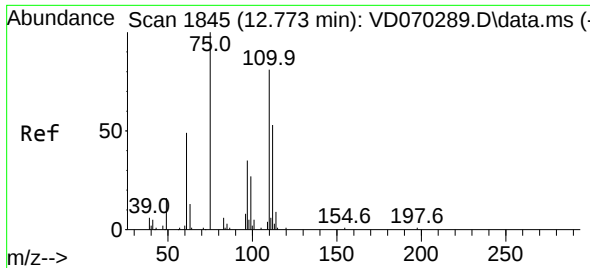
Tgt Ion:	43	Resp:	228594
Ion	Ratio	Lower	Upper
43	100		
70	25.4	41.4	62.0#
55	36.5	22.8	34.2#
61	0.0	21.8	32.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.046 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.094 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:	83	Resp:	15307
Ion	Ratio	Lower	Upper
83	100		
131	5.4	4.8	14.4
85	41.3	32.1	96.3

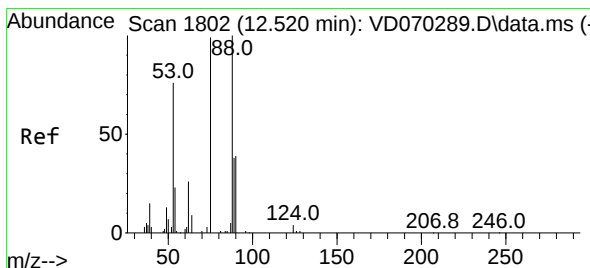
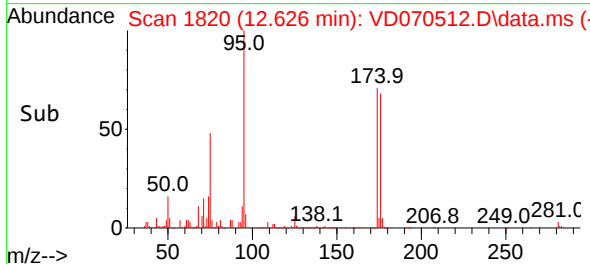
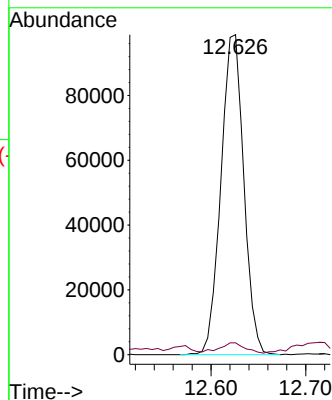
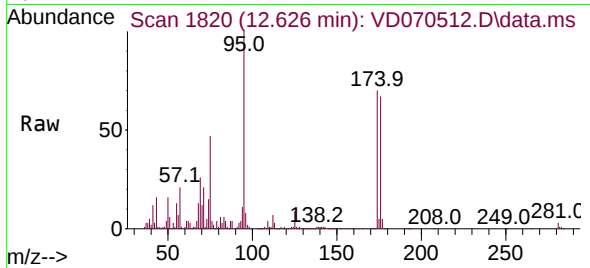




#76
1,2,3-Trichloropropane
Concen: 48.998 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 165814
Ion Ratio Lower Upper
75 100
77 3.4 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.769 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 75 Resp: 165814
Ion Ratio Lower Upper
75 100
53 4.3 64.2 96.2#
89 0.3 35.6 53.4#

