

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073693.D
 Acq On : 24 Jun 2022 17:55
 Operator : VA/SY
 Sample : N3477-01
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-062322

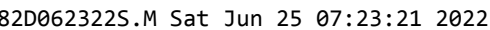
Quant Time: Jun 25 07:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

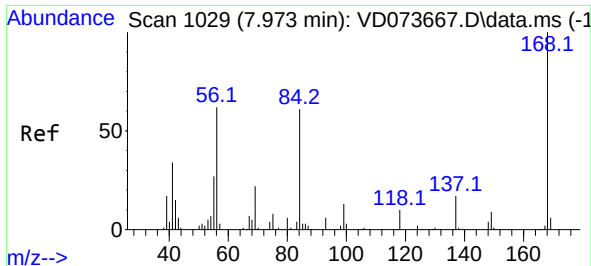
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	139353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	269107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	287985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	139149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	116466	68.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.100%	
35) Dibromofluoromethane	7.908	113	103426	49.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.680%	
50) Toluene-d8	10.332	98	335306	44.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.100%	
62) 4-Bromofluorobenzene	12.620	95	130343	46.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.340%	
Target Compounds						Qvalue
3) Chloromethane	2.208	50	528	Below Cal	90	
5) Bromomethane	2.773	94	532	Below Cal	86	
11) Tert butyl alcohol	5.173	59	6232	Below Cal	#	100
16) Acetone	4.149	43	1682	Below Cal	99	
18) Methyl Acetate	4.438	43	145	Below Cal	#	50
20) Methylene Chloride	4.949	84	4784	Below Cal	#	74
31) Cyclohexane	7.967	56	3089	1.203	ug/l	# 33
36) 1,1-Dichloropropene	7.973	75	11001	3.738	ug/l	# 48
38) Carbon Tetrachloride	7.973	117	15166	4.426	ug/l	# 13
76) 1,2,3-Trichloropropane	12.620	75	64555	47.673	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	64555	97.327	ug/l	# 11

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

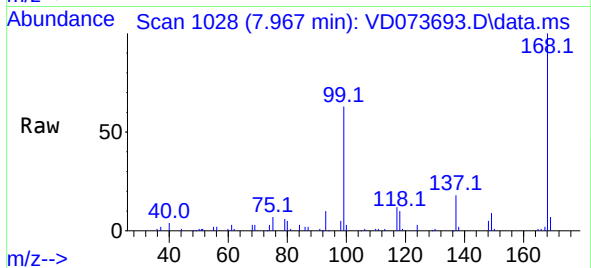
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 07:36:47 2022
Response via : Initial Calibration



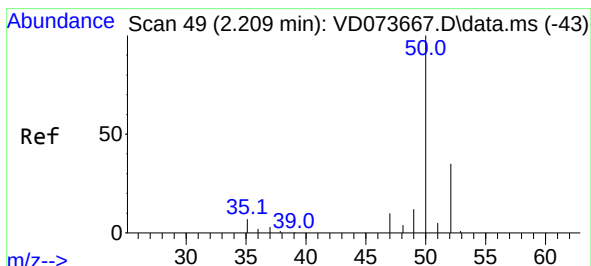
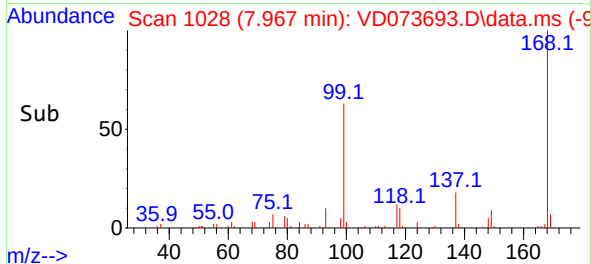
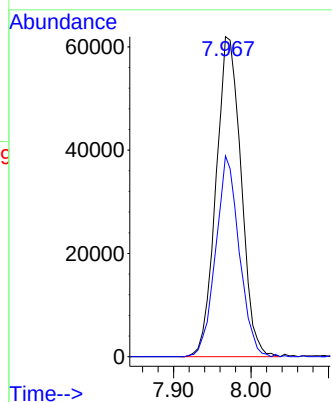


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

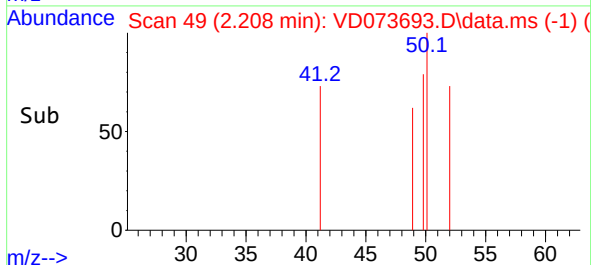
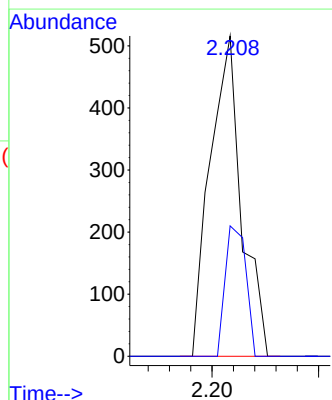
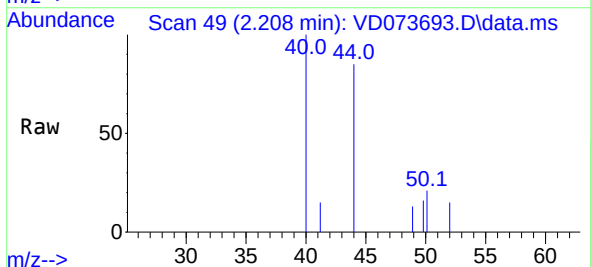


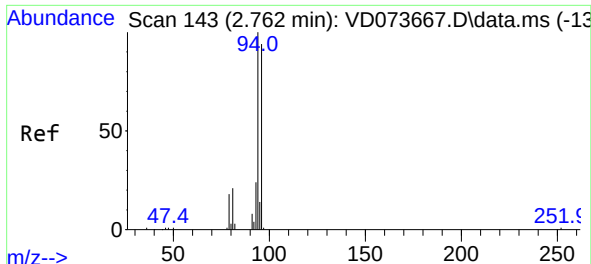
Tgt Ion:168 Resp: 139353
Ion Ratio Lower Upper
168 100
99 62.7 46.4 69.6



#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 40.7 27.8 41.6

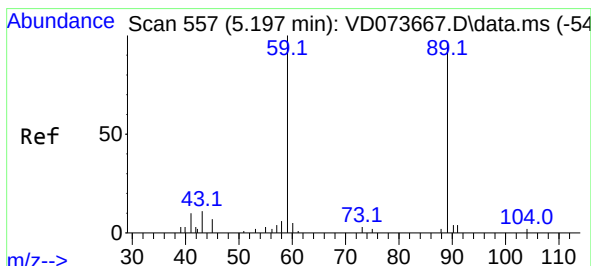
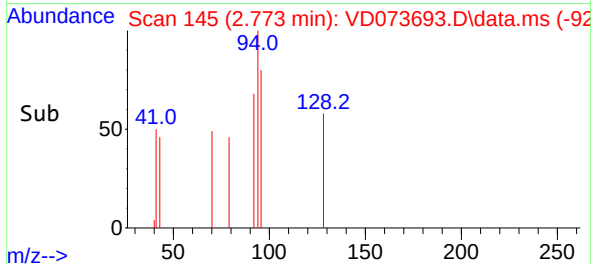
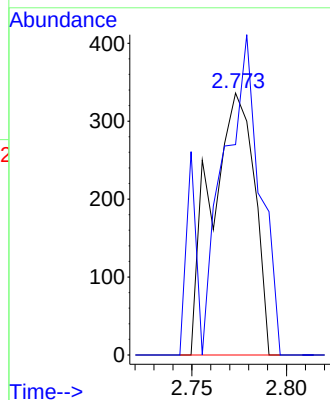
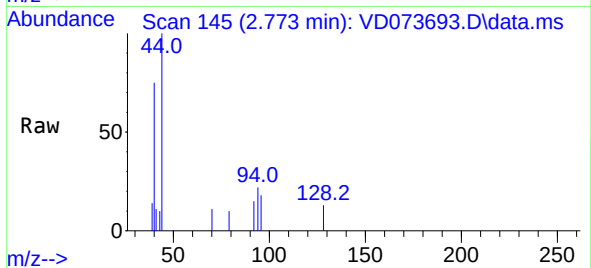




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 14
Delta R.T. 0.011 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

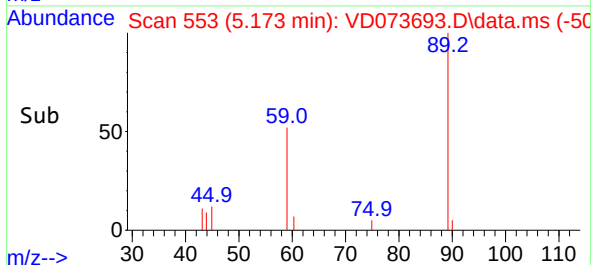
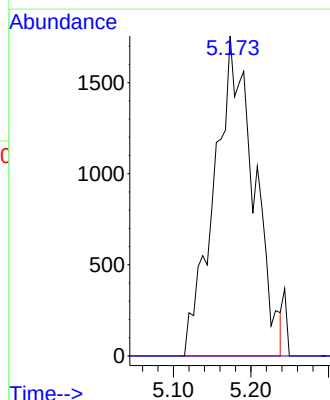
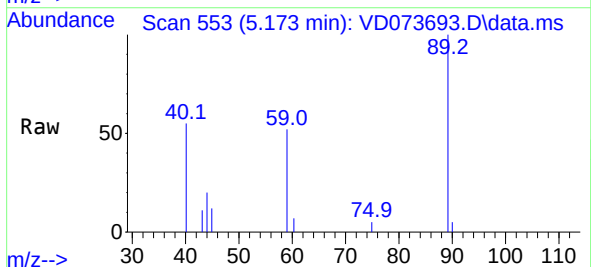
Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

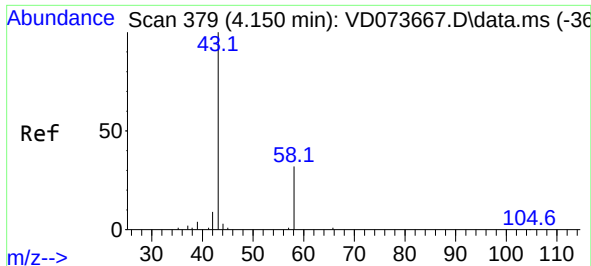
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 80.4 75.1 112.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.024 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 59 Resp: 6232
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

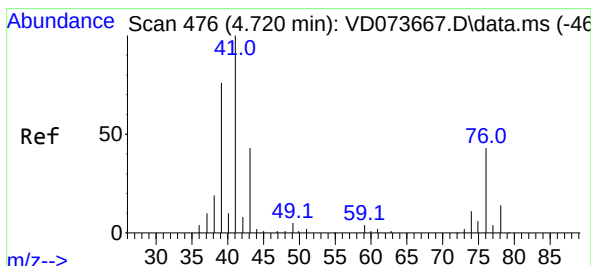
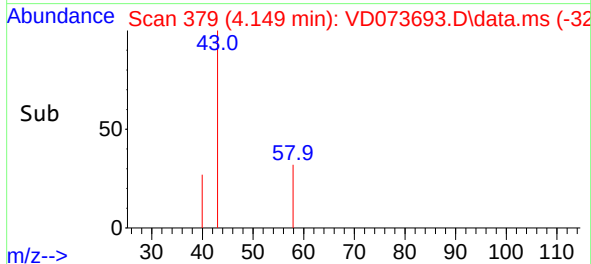
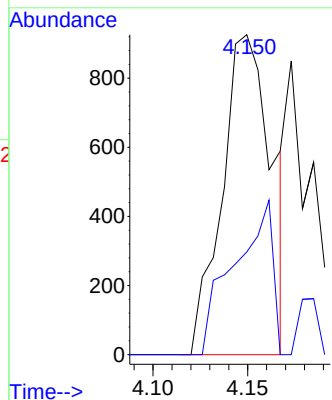
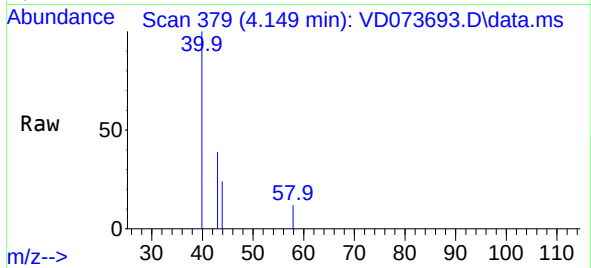




#16
Acetone
Concen: Below Cal
RT: 4.149 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

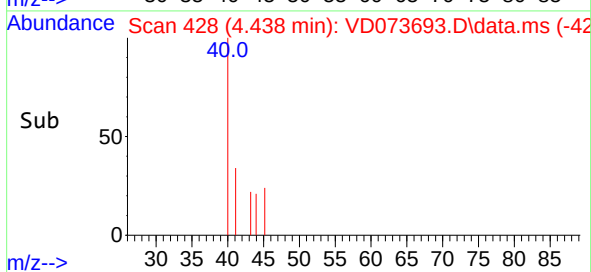
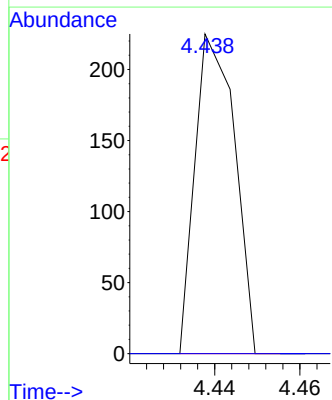
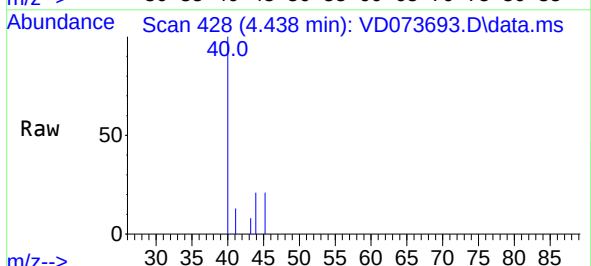
Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

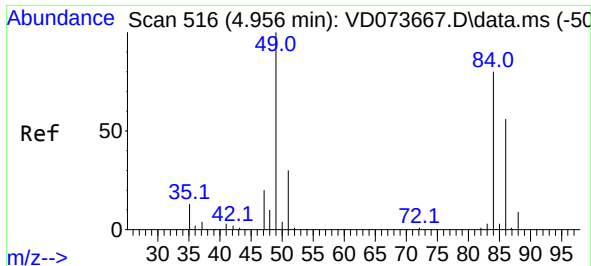
Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
58 32.1 25.2 37.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.438 min Scan# 428
Delta R.T. -0.282 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



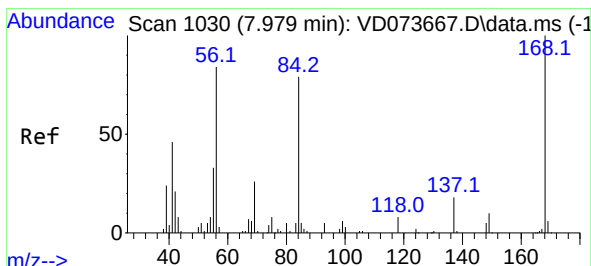
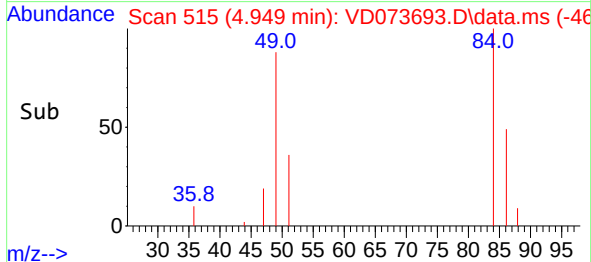
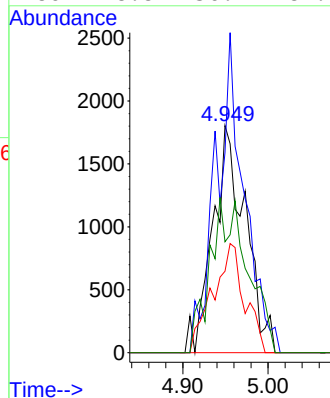
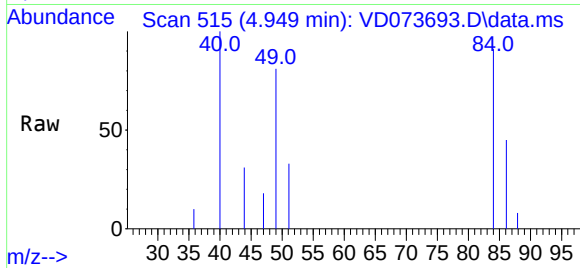


#20
Methylene Chloride
Concen: Below Cal
RT: 4.949 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

Tgt Ion: 84 Resp: 4784

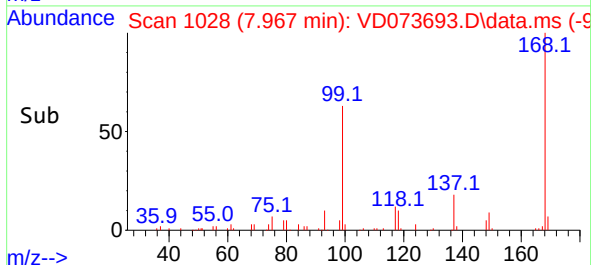
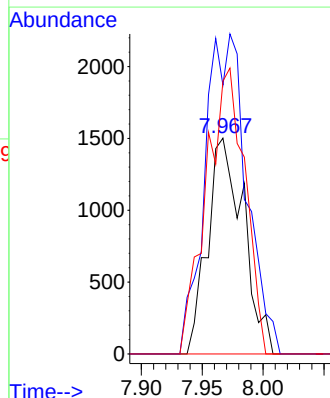
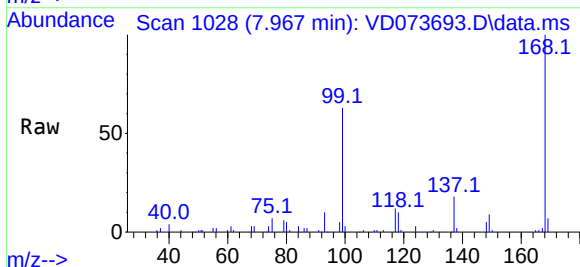
Ion	Ratio	Lower	Upper
84	100		
49	88.1	100.6	150.8#
51	35.9	29.8	44.6
86	48.8	56.1	84.1#

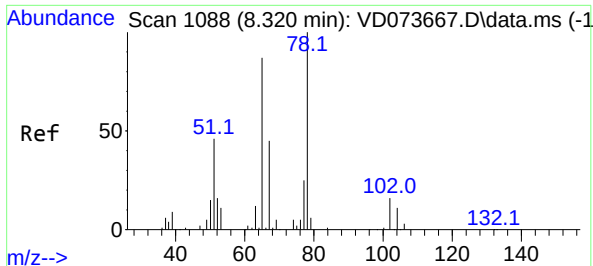


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 56 Resp: 3089

Ion	Ratio	Lower	Upper
56	100		
69	124.6	25.2	37.8#
84	126.4	75.4	113.2#

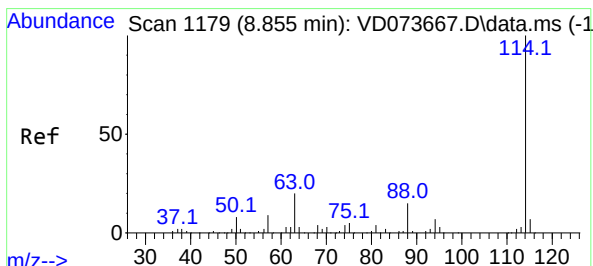
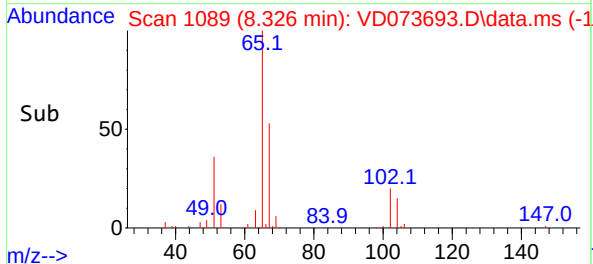
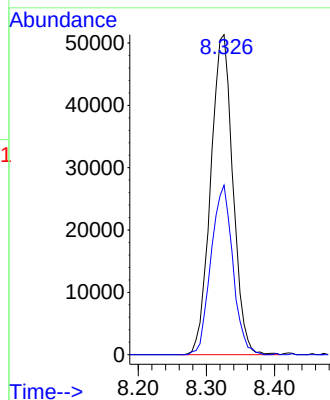
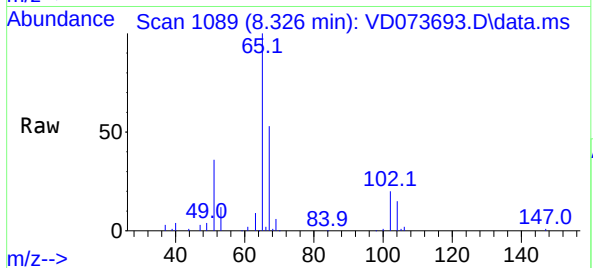




#33
1,2-Dichloroethane-d4
Concen: 68.046 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

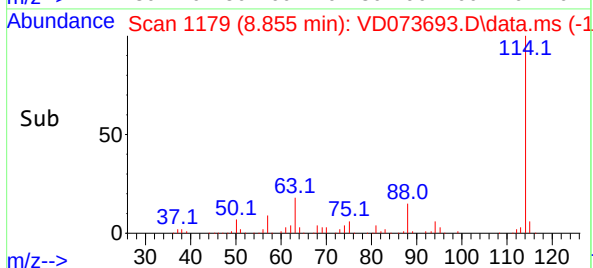
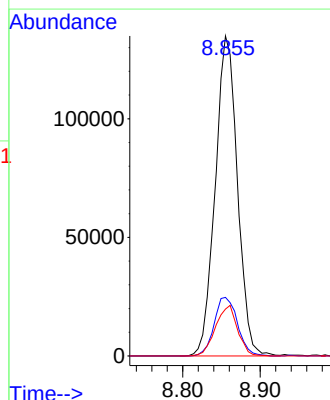
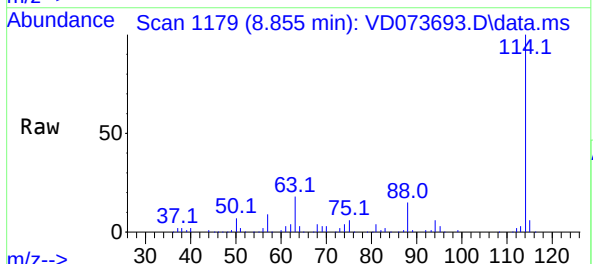
Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

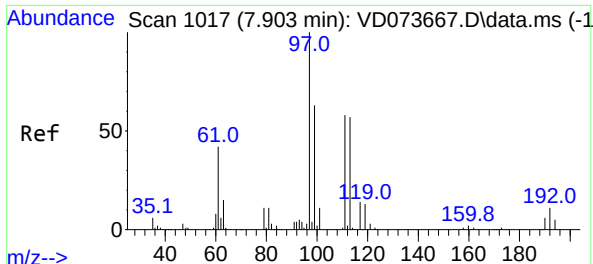
Tgt Ion: 65 Resp: 116466
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 114 Resp: 269107
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.2
88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 7.908 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073693.D

Acq: 24 Jun 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

HR-01-062322

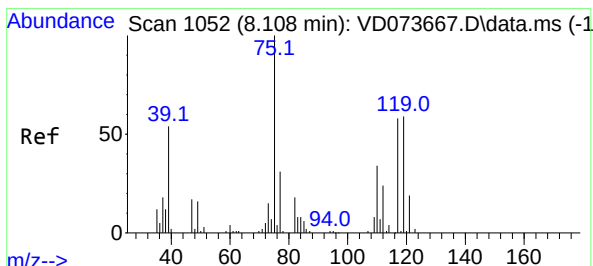
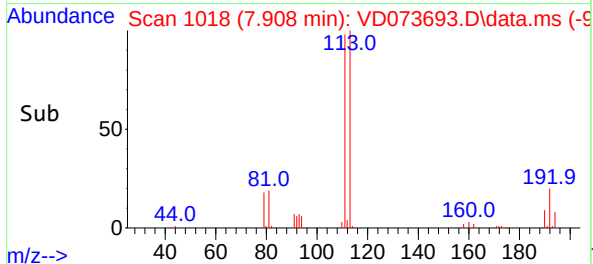
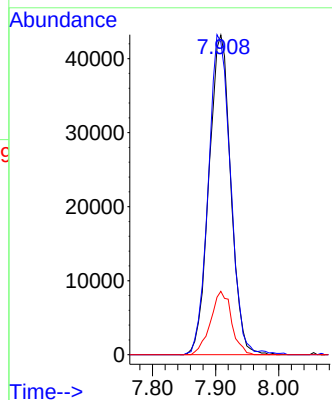
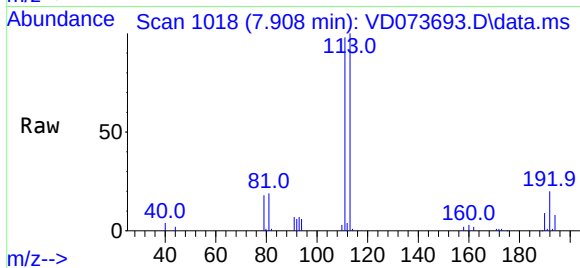
Tgt Ion:113 Resp: 103426

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

192 19.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.738 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD073693.D

Acq: 24 Jun 2022 17:55

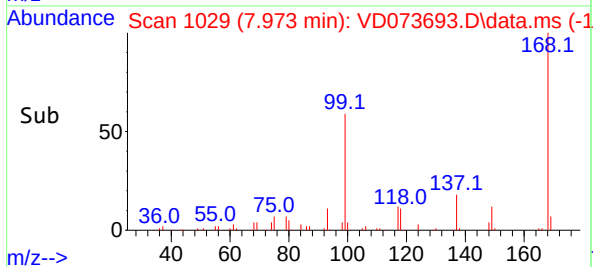
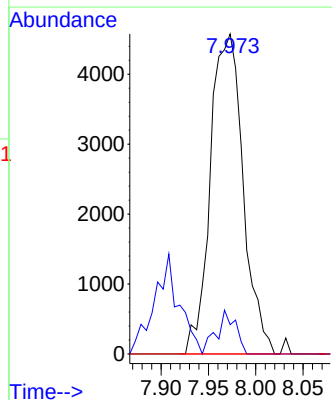
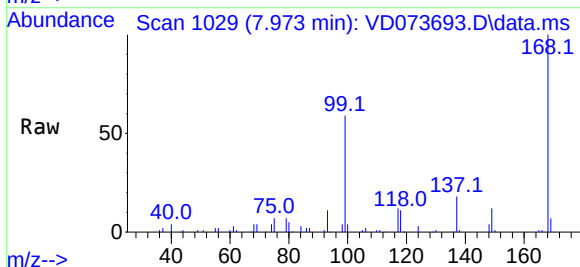
Tgt Ion: 75 Resp: 11001

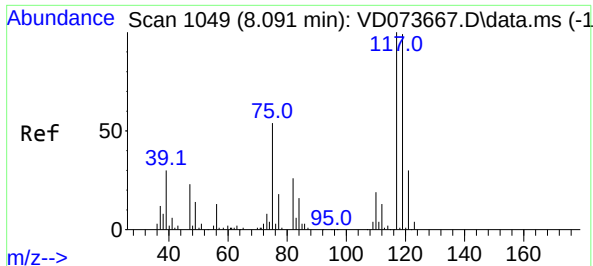
Ion Ratio Lower Upper

75 100

110 7.9 18.0 54.0#

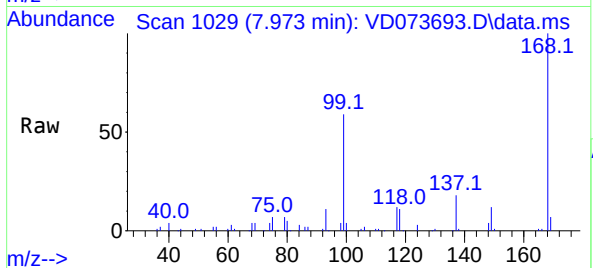
77 0.0 25.6 38.4#



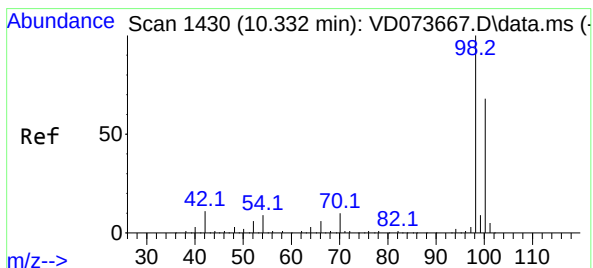
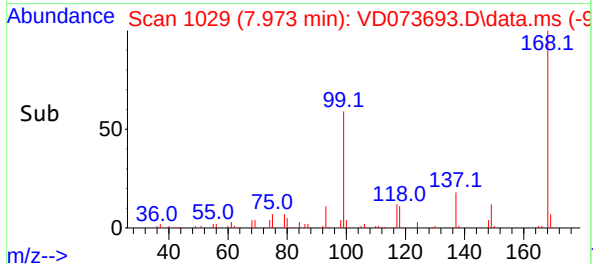
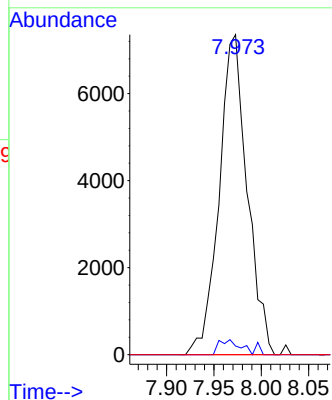


#38
Carbon Tetrachloride
Concen: 4.426 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

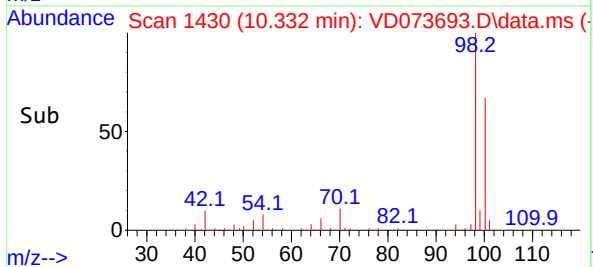
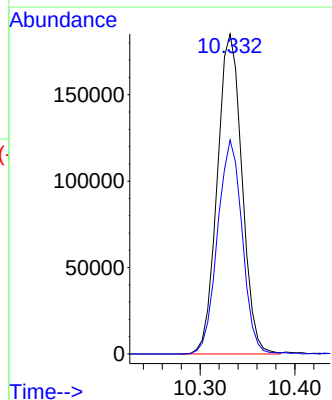
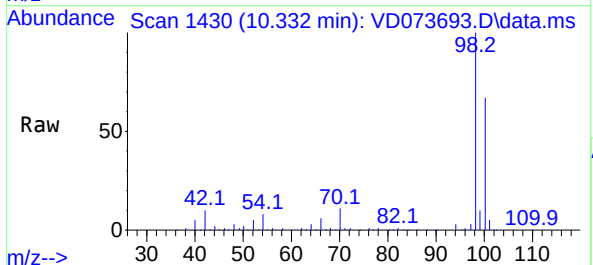


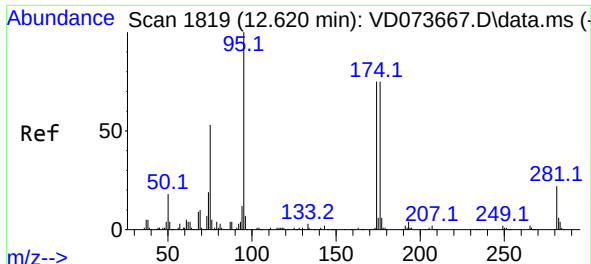
Tgt Ion:117 Resp: 15166
Ion Ratio Lower Upper
117 100
119 2.7 79.2 118.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 44.547 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 98 Resp: 335306
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0



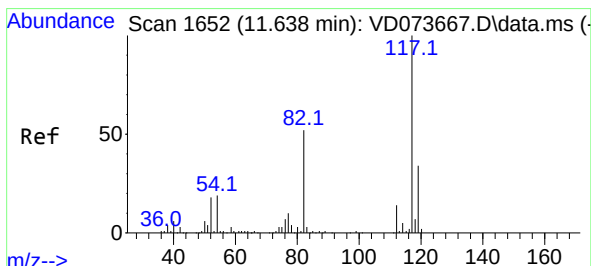
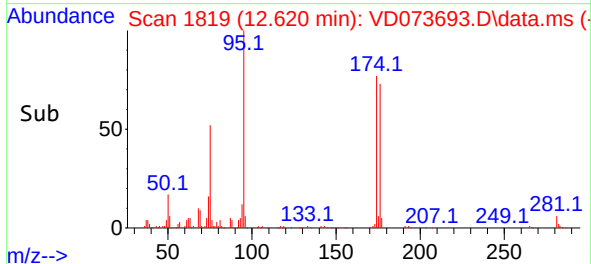
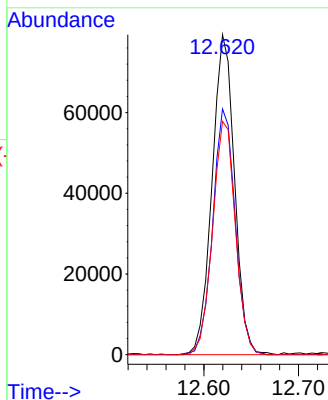
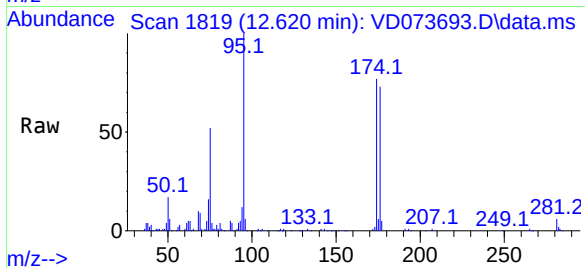


#62
4-Bromofluorobenzene
Concen: 46.170 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

Tgt Ion: 95 Resp: 130343

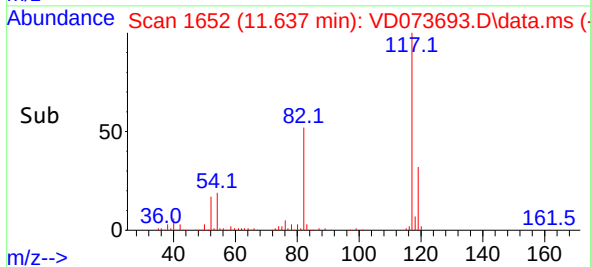
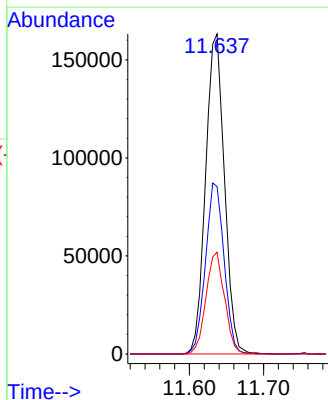
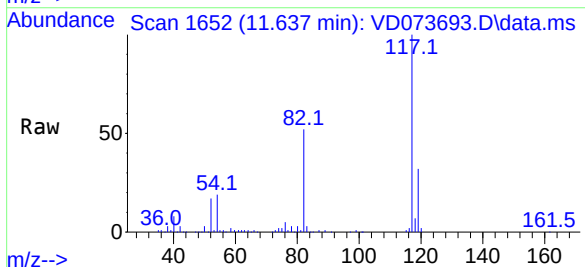
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	158.4
176	74.1	0.0	154.8

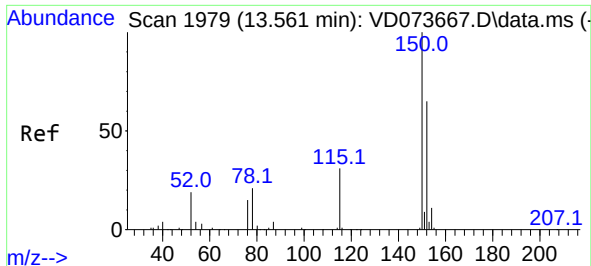


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

Tgt Ion: 117 Resp: 287985

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.5	62.3
119	31.8	27.1	40.7

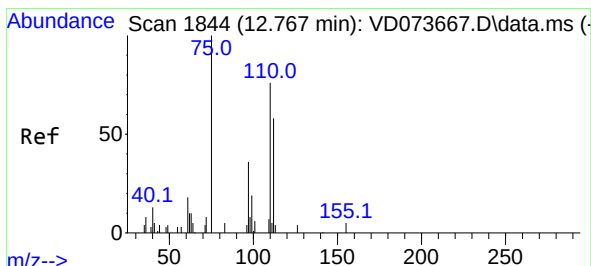
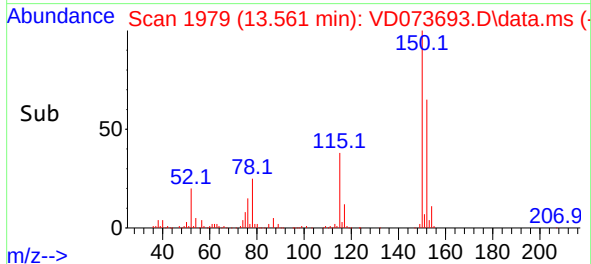
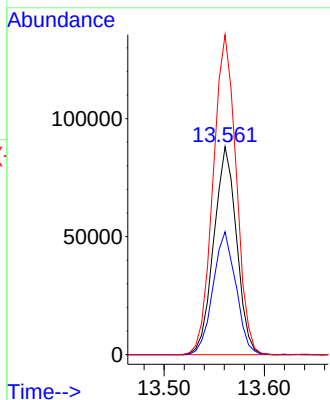
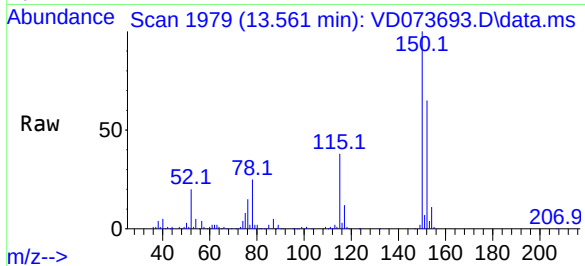




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

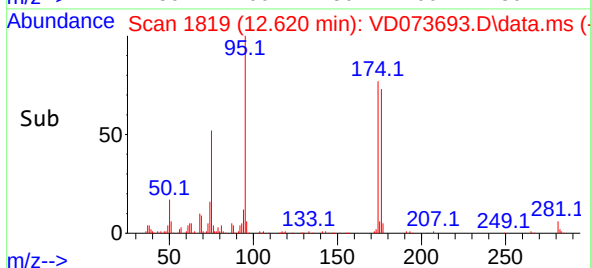
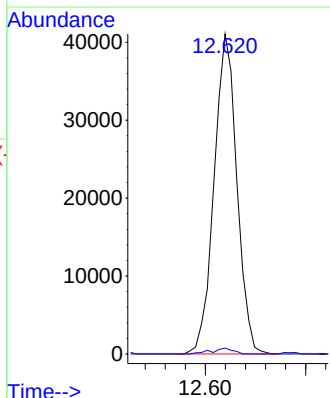
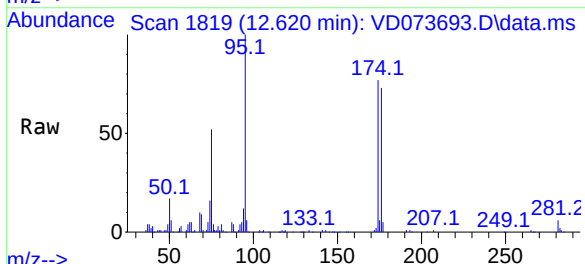
Instrument :
MSVOA_D
ClientSampleId :
HR-01-062322

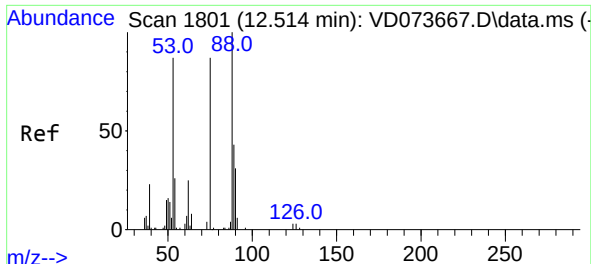
Tgt Ion:152 Resp: 139149
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 156.1 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 47.673 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073693.D
Acq: 24 Jun 2022 17:55

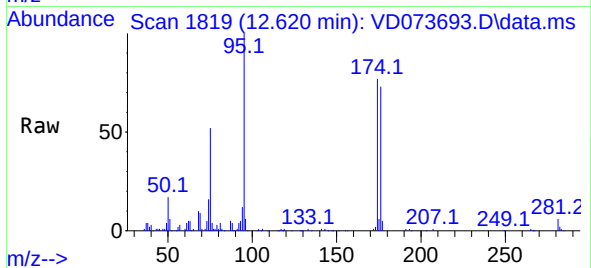
Tgt Ion: 75 Resp: 64555
Ion Ratio Lower Upper
75 100
77 1.7 195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.327 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073693.D
 Acq: 24 Jun 2022 17:55

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-062322



Tgt Ion: 75 Resp: 64555
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.0 115.6#
 89 0.1 37.8 56.8#

