

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075626.D
 Acq On : 11 Apr 2023 18:08
 Operator : KP/SY
 Sample : 02260-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Apr 12 02:58:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

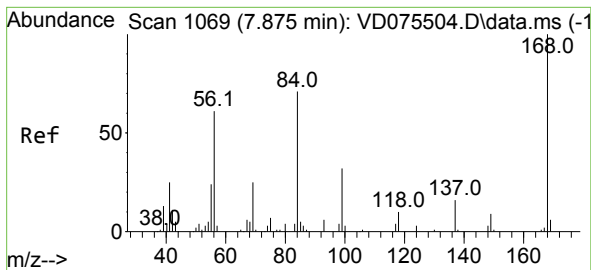
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	4072	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	8395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	10194	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.522	152	4156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3645	109.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 218.240%#	
35) Dibromofluoromethane	7.804	113	4527	92.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 184.020%#	
50) Toluene-d8	10.275	98	10449	54.146	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.575	95	3746	62.934	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	434	3.170	ug/l	# 40
5) Bromomethane	2.699	94	102	1.829	ug/l	# 1
20) Methylene Chloride	4.805	84	338	Below Cal	#	30
36) 1,1-Dichloropropene	7.875	75	248	3.947	ug/l	# 42
38) Carbon Tetrachloride	7.881	117	355	5.891	ug/l	# 13
76) 1,2,3-Trichloropropane	12.575	75	1700	52.267	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	1700	119.789	ug/l	# 5

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

Quant Time: Apr 12 02:58:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075626.D

Acq: 11 Apr 2023 18:08

Instrument :

MSVOA_D

ClientSampleId :

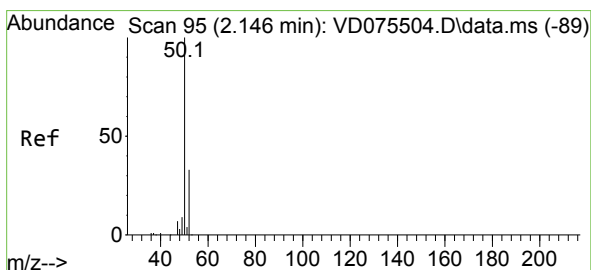
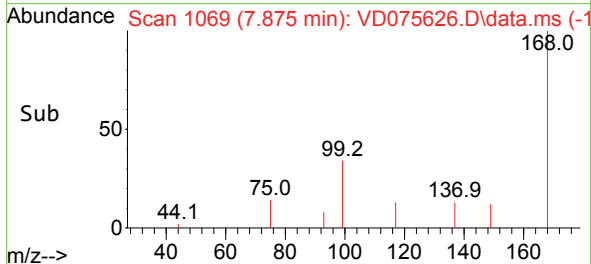
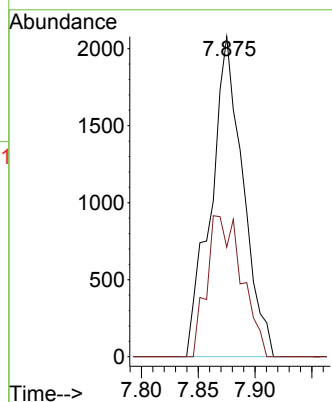
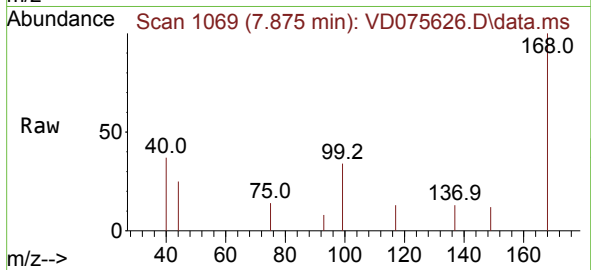
SP-1A

Tgt Ion:168 Resp: 4072

Ion Ratio Lower Upper

168 100

99 34.2 43.8 65.6#



#3

Chloromethane

Concen: 3.170 ug/l

RT: 2.146 min Scan# 95

Delta R.T. -0.006 min

Lab File: VD075626.D

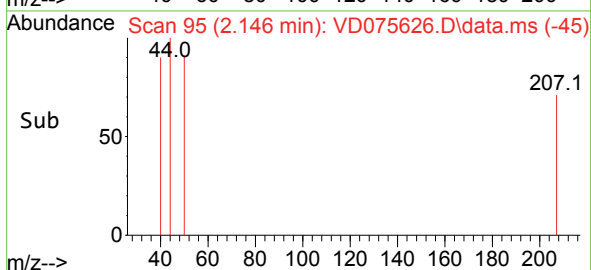
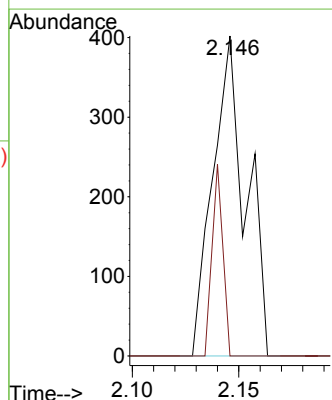
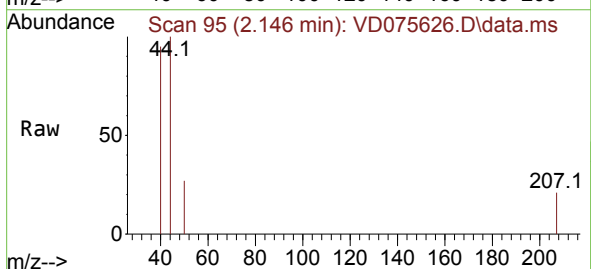
Acq: 11 Apr 2023 18:08

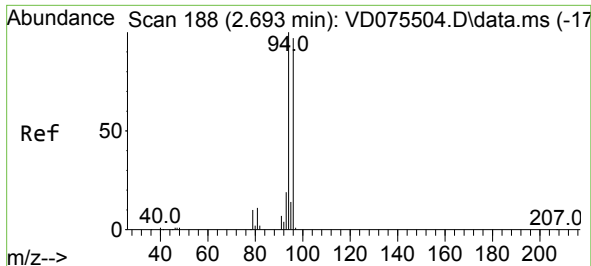
Tgt Ion: 50 Resp: 434

Ion Ratio Lower Upper

50 100

52 0.0 27.8 41.8#

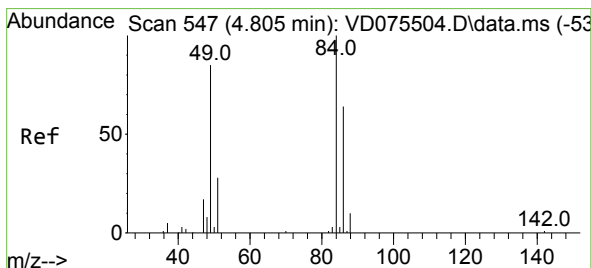
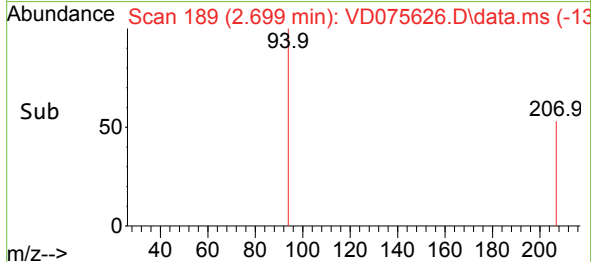
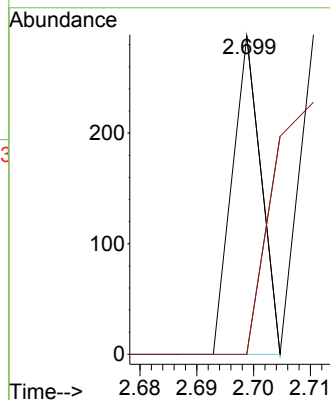
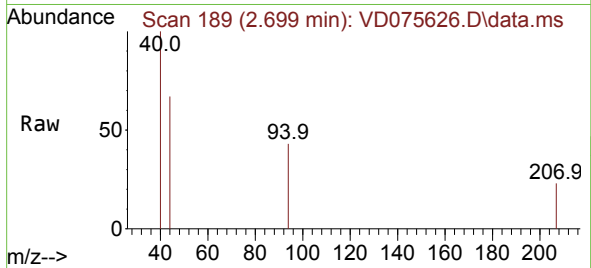




#5
Bromomethane
Concen: 1.829 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

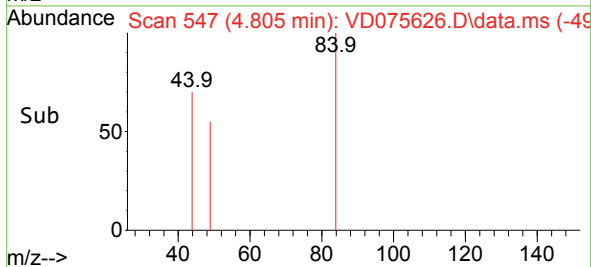
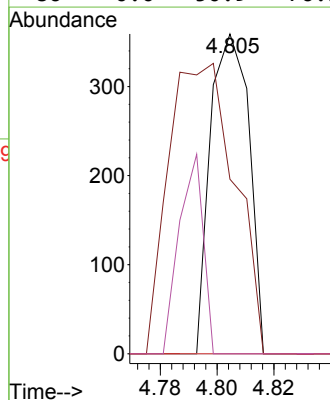
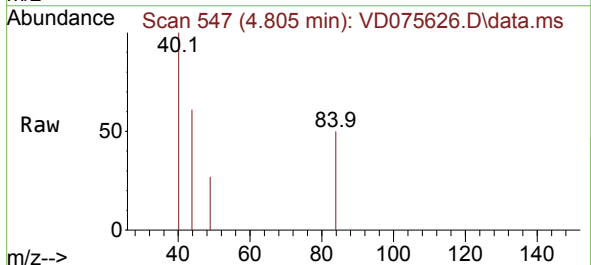
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

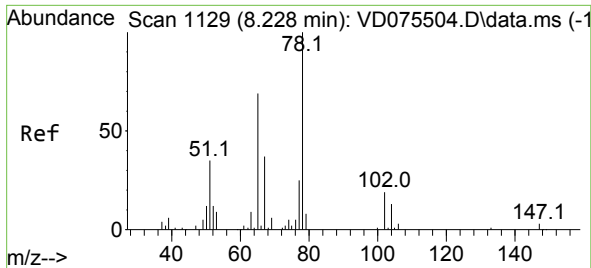
Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 77.5 116.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

Tgt Ion: 84 Resp: 338
Ion Ratio Lower Upper
84 100
49 54.6 106.4 159.6#
51 0.0 32.4 48.6#
86 0.0 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 109.116 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075626.D

Acq: 11 Apr 2023 18:08

Instrument :

MSVOA_D

ClientSampleId :

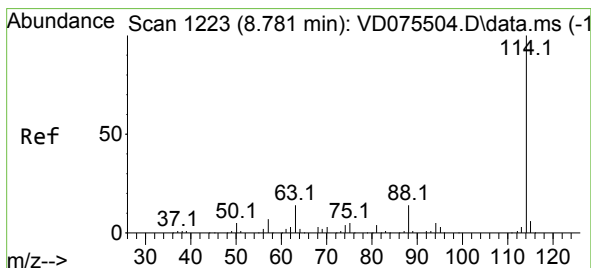
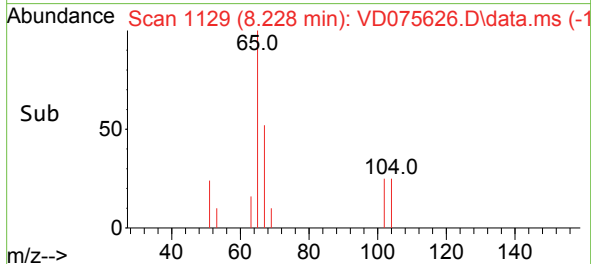
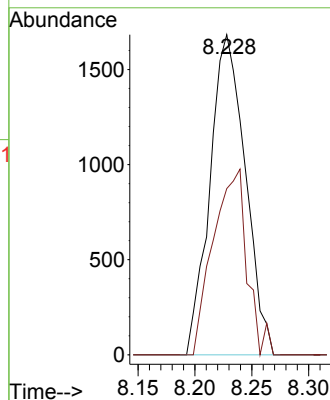
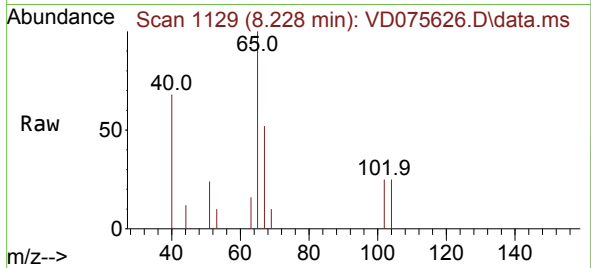
SP-1A

Tgt Ion: 65 Resp: 3645

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075626.D

Acq: 11 Apr 2023 18:08

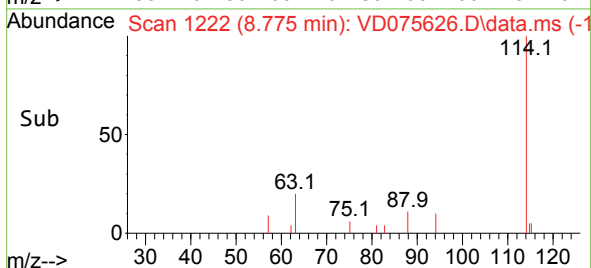
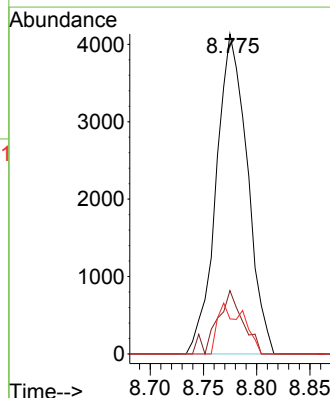
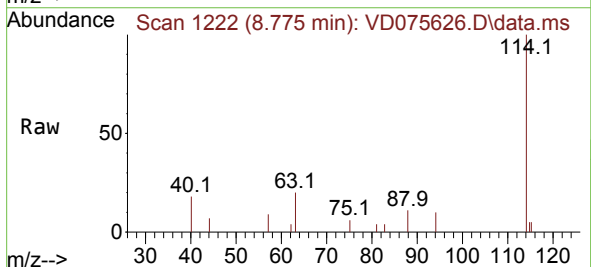
Tgt Ion: 114 Resp: 8395

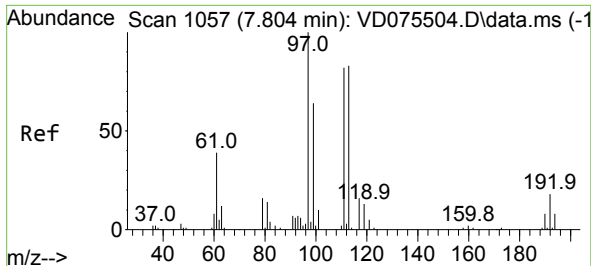
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 10.9 0.0 30.6

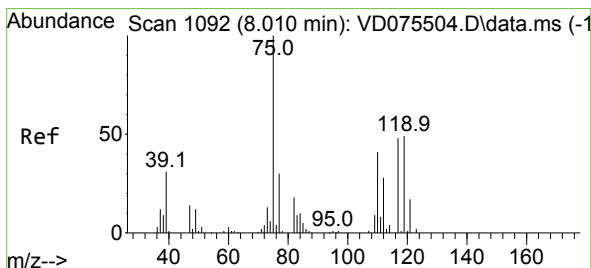
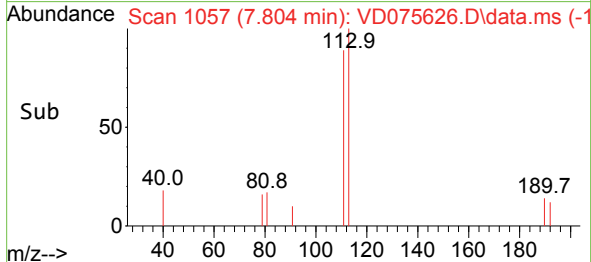
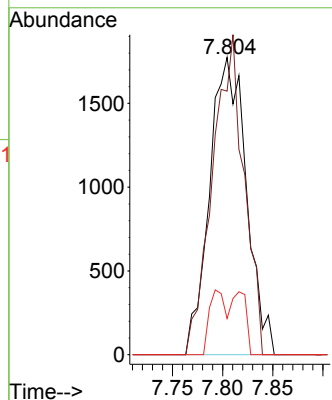
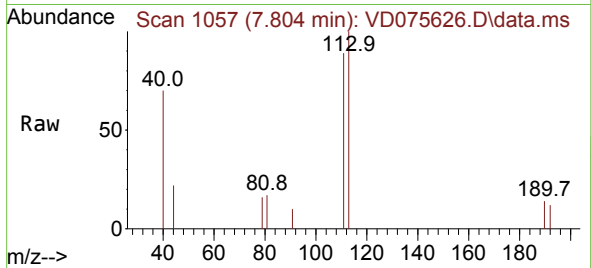




#35
Dibromofluoromethane
Concen: 92.013 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

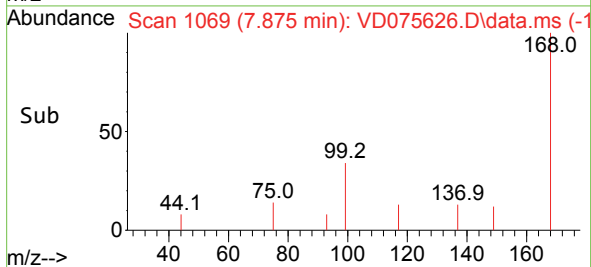
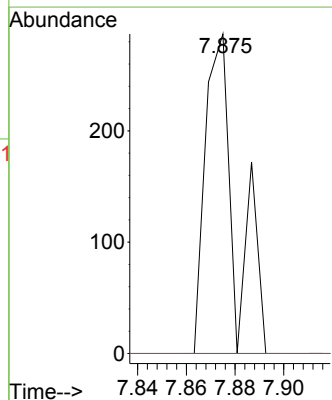
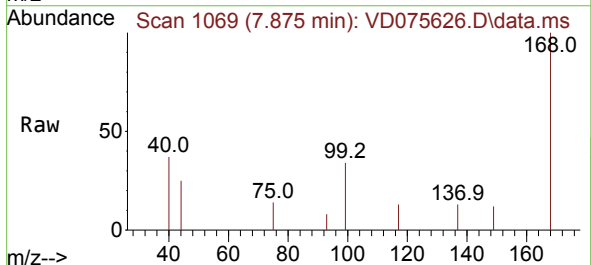
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

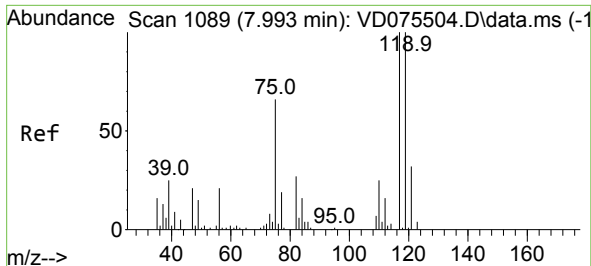
Tgt Ion:113 Resp: 4527
Ion Ratio Lower Upper
113 100
111 91.8 81.4 122.0
192 8.3 15.2 22.8#



#36
1,1-Dichloropropene
Concen: 3.947 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

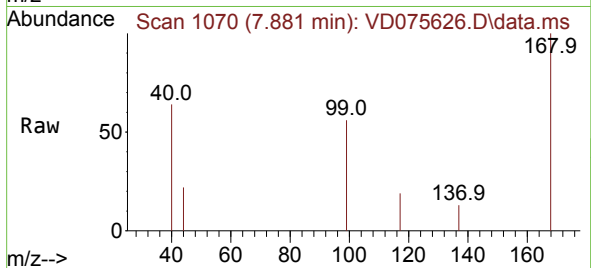
Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



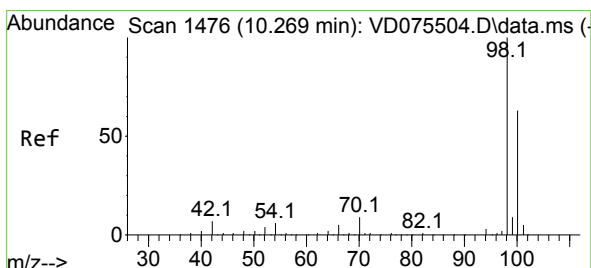
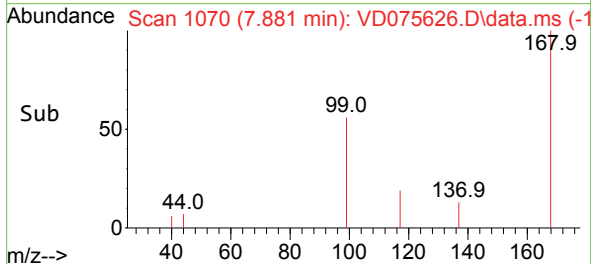
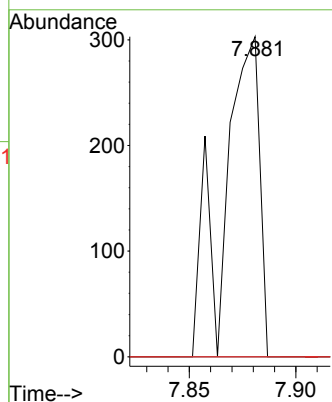


#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

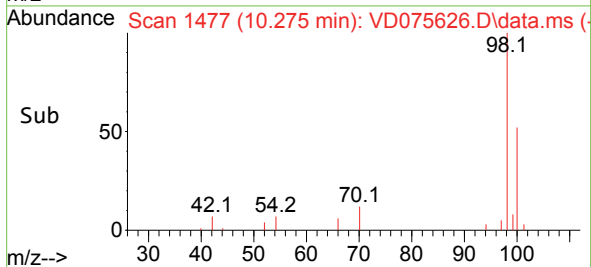
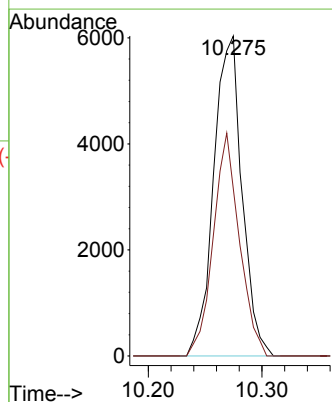
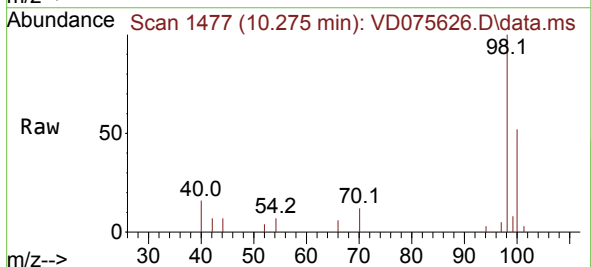


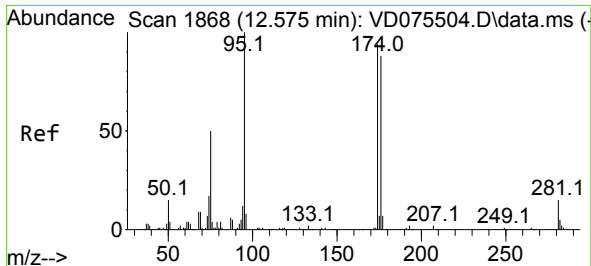
Tgt Ion:117 Resp: 355
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 54.146 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

Tgt Ion: 98 Resp: 10449
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

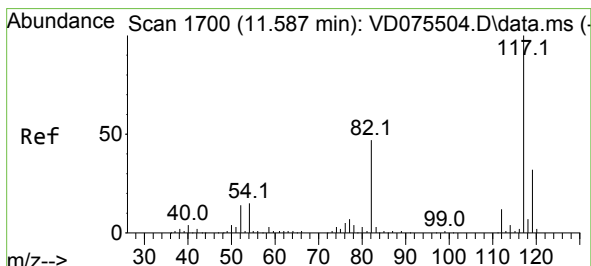
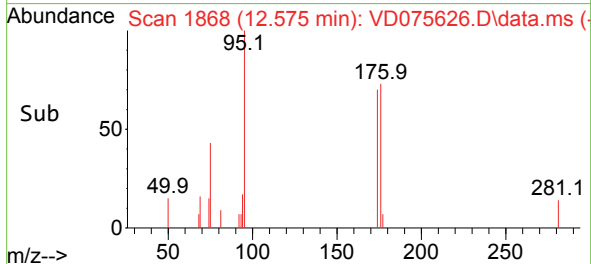
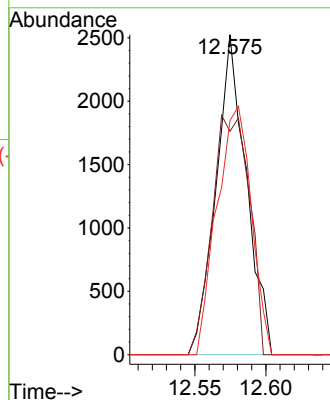
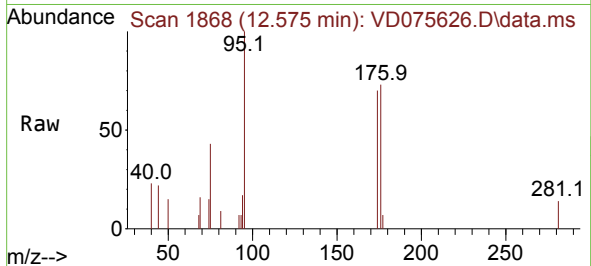




#62
4-Bromofluorobenzene
Concen: 62.934 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

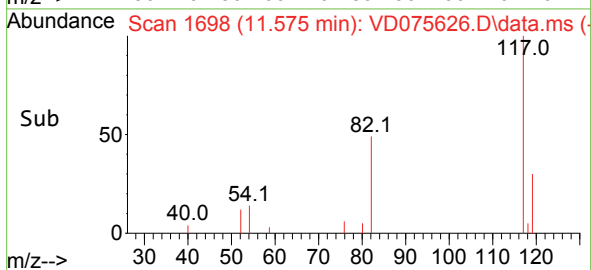
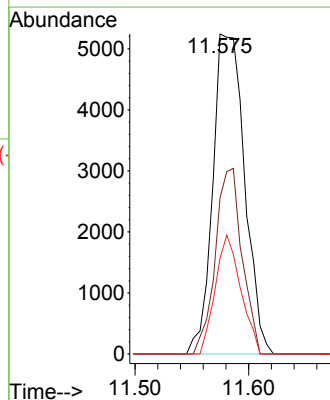
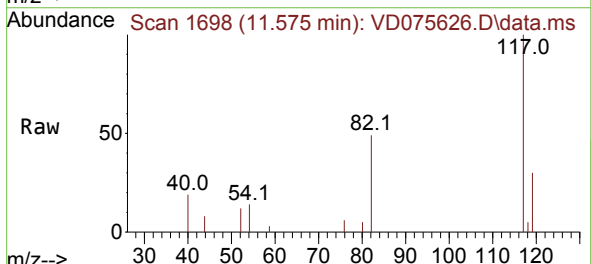
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

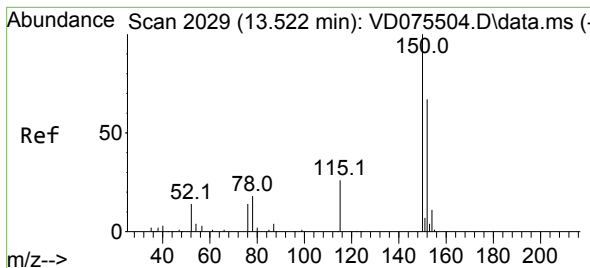
Tgt Ion:	95	Resp:	3746
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	164.0
176	88.1	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.012 min
Lab File: VD075626.D
Acq: 11 Apr 2023 18:08

Tgt Ion:	117	Resp:	10194
Ion	Ratio	Lower	Upper
117	100		
82	48.8	44.0	66.0
119	29.9	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075626.D

Acq: 11 Apr 2023 18:08

Instrument :

MSVOA_D

ClientSampleId :

SP-1A

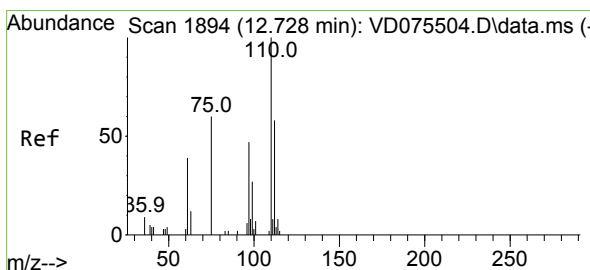
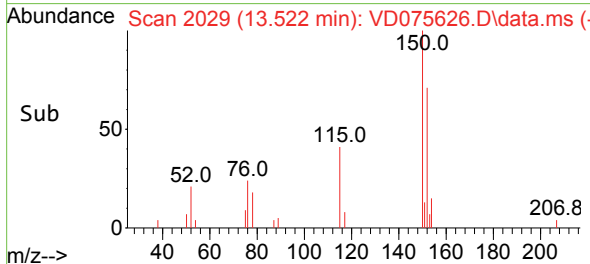
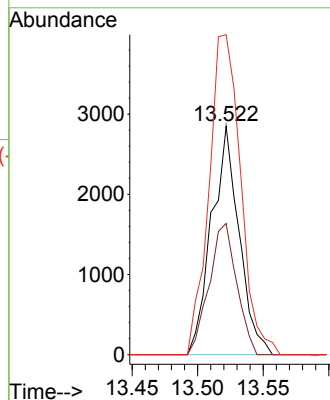
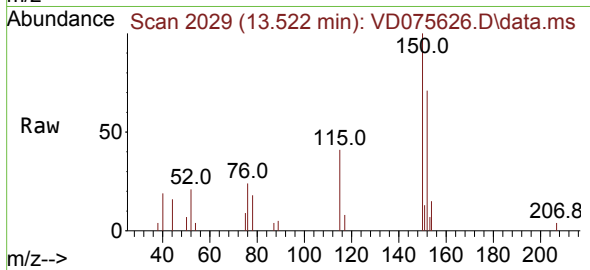
Tgt Ion:152 Resp: 4156

Ion Ratio Lower Upper

152 100

115 57.6 30.1 90.3

150 161.3 0.0 364.8



#76

1,2,3-Trichloropropane

Concen: 52.267 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075626.D

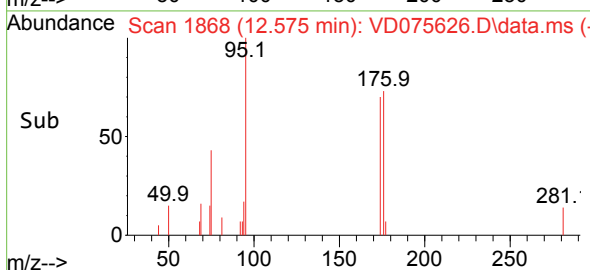
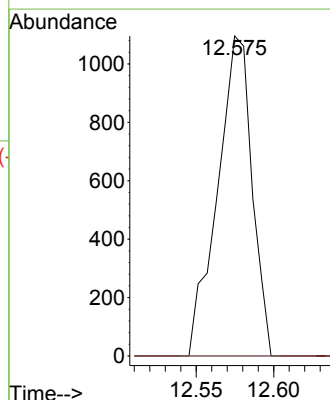
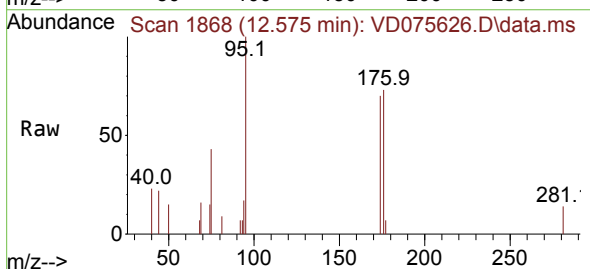
Acq: 11 Apr 2023 18:08

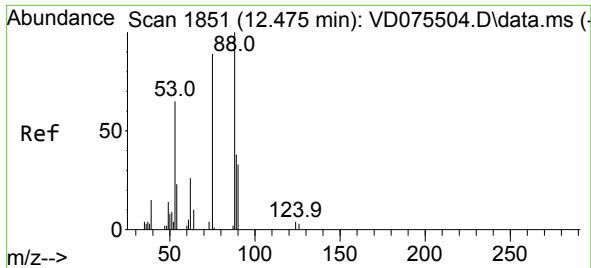
Tgt Ion: 75 Resp: 1700

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.789 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075626.D
 Acq: 11 Apr 2023 18:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Tgt Ion: 75 Resp: 1700
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

