

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075474.D
 Acq On : 08 Mar 2023 17:30
 Operator : KP/SY
 Sample : 01837-02
 Misc : 12.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-23-4.5-030723

Quant Time: Mar 09 02:17:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

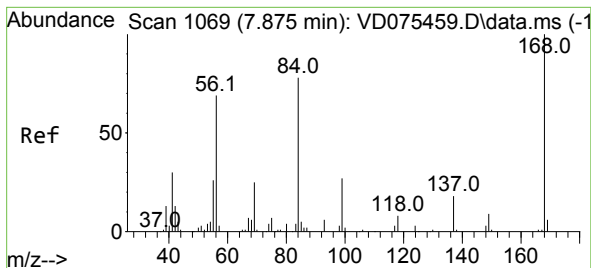
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	451661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	901226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	832091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	352914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	165748	57.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.580%
35) Dibromofluoromethane	7.810	113	257687	49.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.269	98	1049093	55.480	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.960%
62) 4-Bromofluorobenzene	12.575	95	295616	51.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.400%
Target Compounds						
						Qvalue
3) Chloromethane	2.146	50	468	Below Cal	#	40
16) Acetone	4.022	43	3732	5.130	ug/l	96
20) Methylene Chloride	4.799	84	24880	Below Cal	#	70
31) Cyclohexane	7.881	56	8656	1.194	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	33490	3.798	ug/l	# 49
38) Carbon Tetrachloride	7.881	117	42527	5.207	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.275	43	2673	1.203	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	148724	53.195	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	148724	110.353	ug/l	# 5

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

Quant Time: Mar 09 02:17:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 08 12:19:57 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD075474.D

Acq: 08 Mar 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

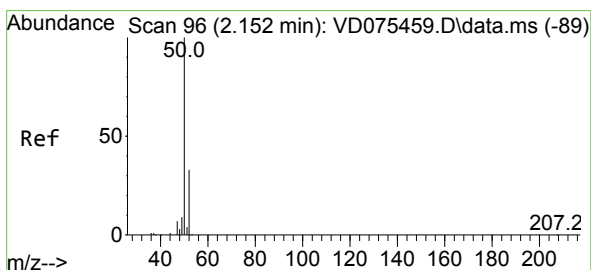
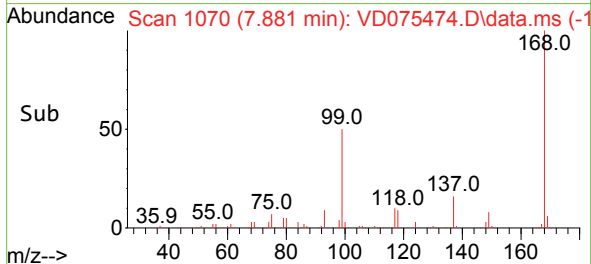
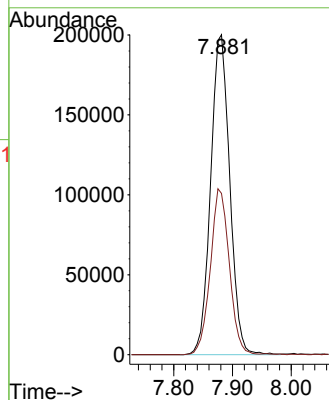
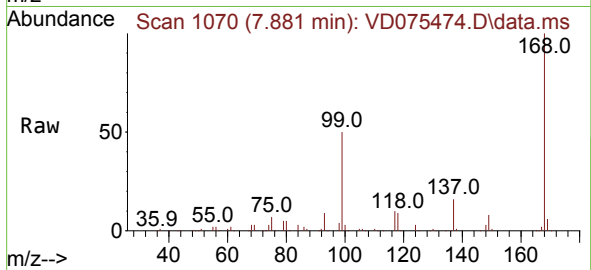
CB-23-4.5-030723

Tgt Ion:168 Resp: 451661

Ion Ratio Lower Upper

168 100

99 50.4 43.8 65.6



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 95

Delta R.T. -0.006 min

Lab File: VD075474.D

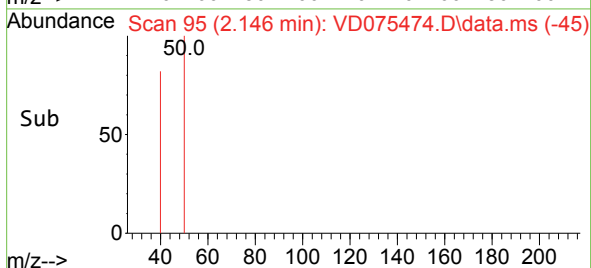
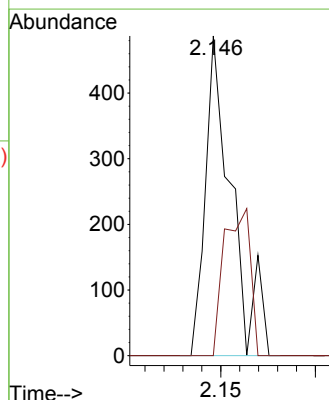
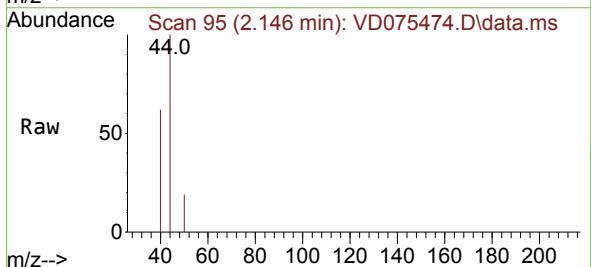
Acq: 08 Mar 2023 17:30

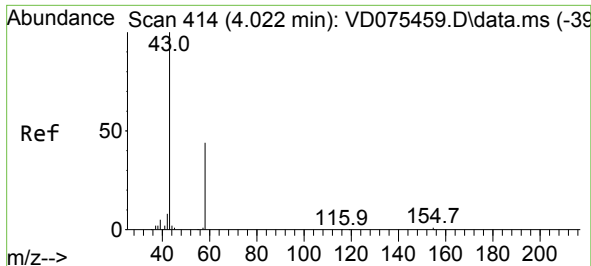
Tgt Ion: 50 Resp: 468

Ion Ratio Lower Upper

50 100

52 0.0 27.8 41.8#

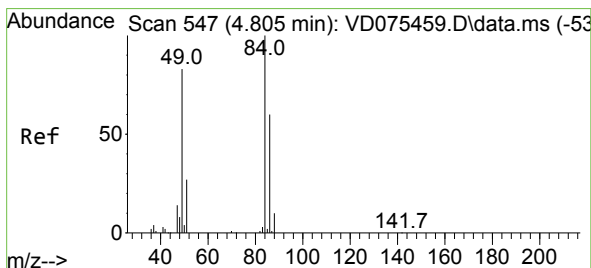
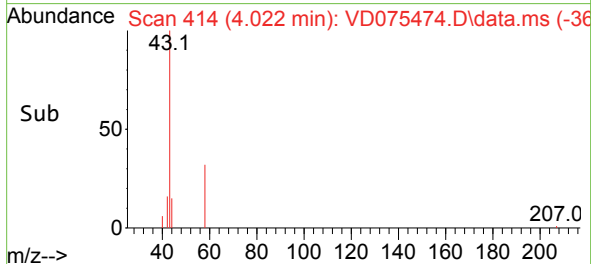
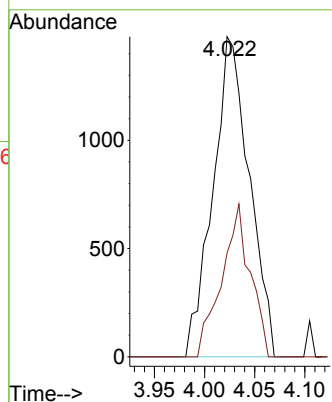
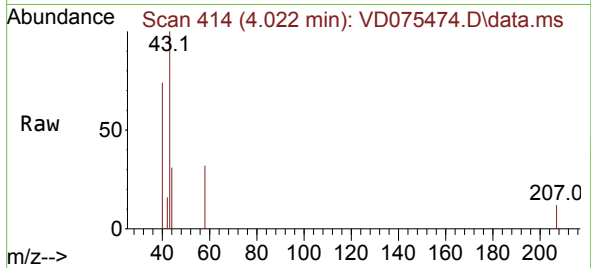




#16
Acetone
Concen: 5.130 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

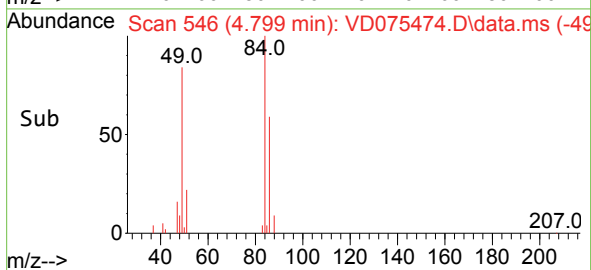
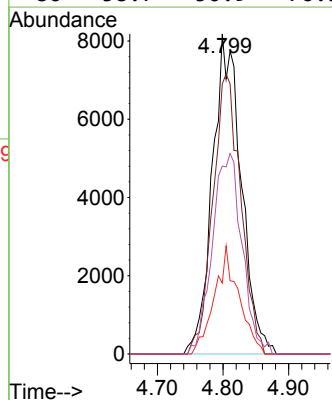
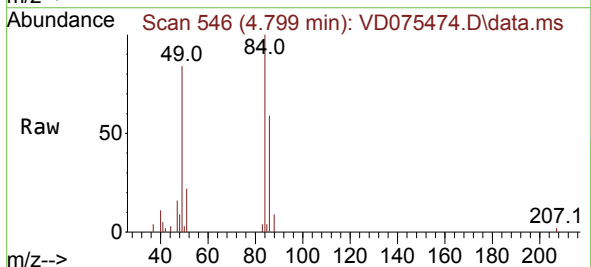
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

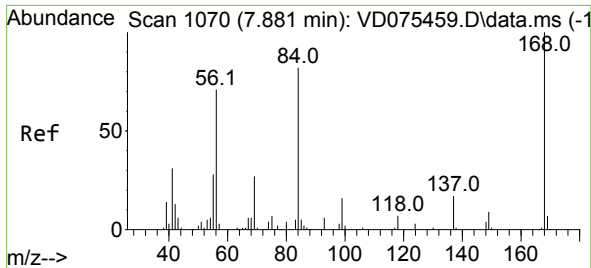
Tgt Ion: 43 Resp: 3732
Ion Ratio Lower Upper
43 100
58 32.5 24.4 36.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 84 Resp: 24880
Ion Ratio Lower Upper
84 100
49 84.4 106.4 159.6#
51 22.1 32.4 48.6#
86 58.7 50.9 76.3

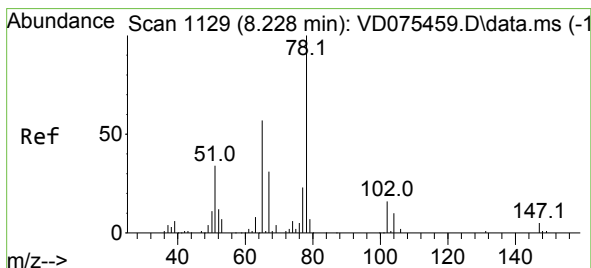
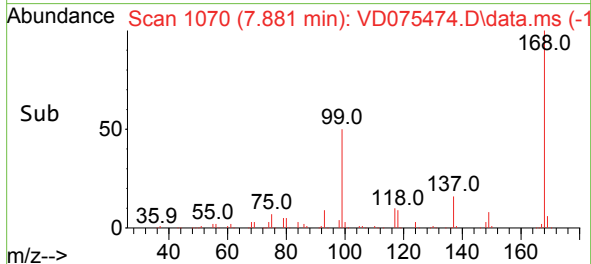
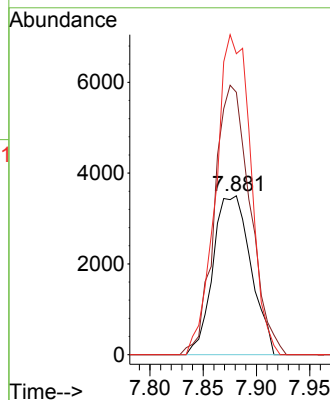
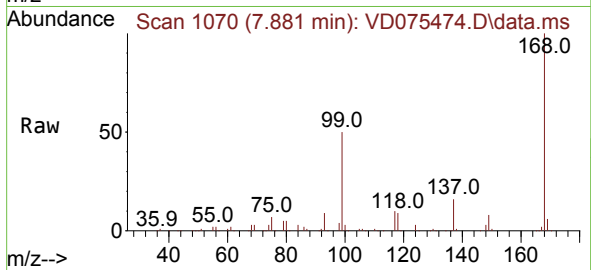




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

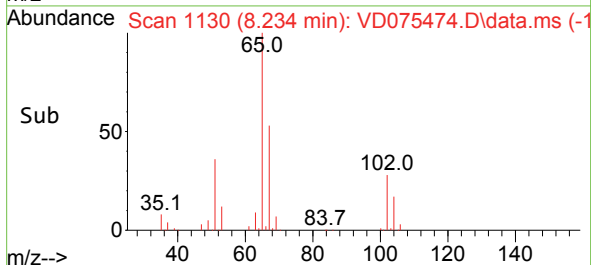
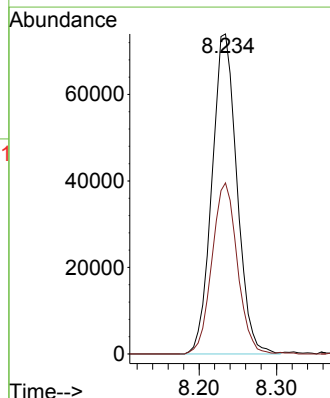
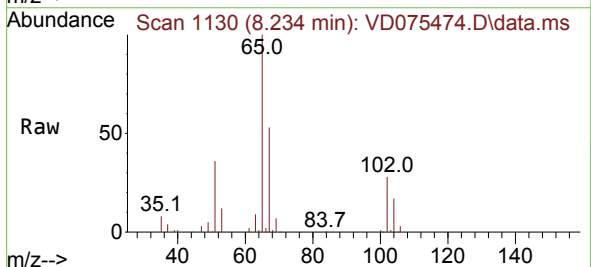
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

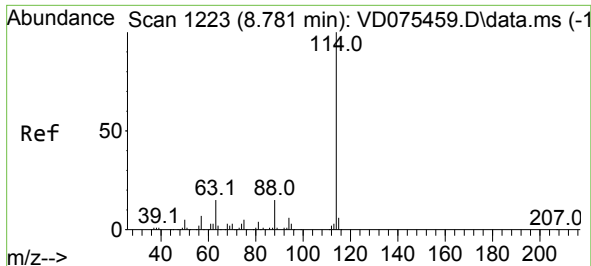
Tgt Ion: 56 Resp: 8656
Ion Ratio Lower Upper
56 100
69 165.2 25.5 38.3#
84 189.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 57.786 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 65 Resp: 165748
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.2

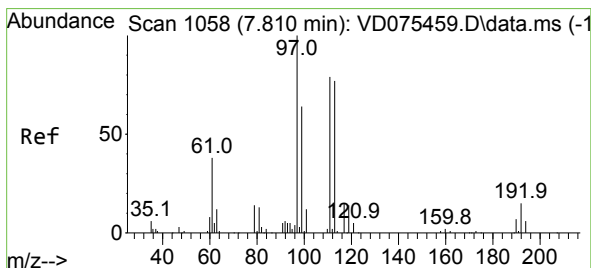
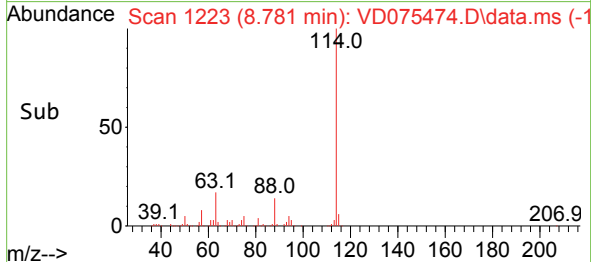
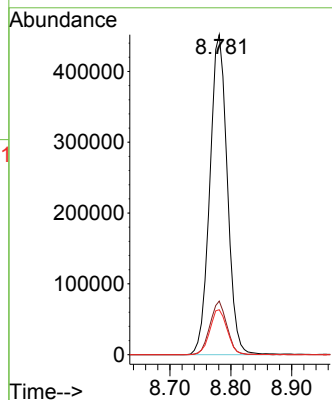
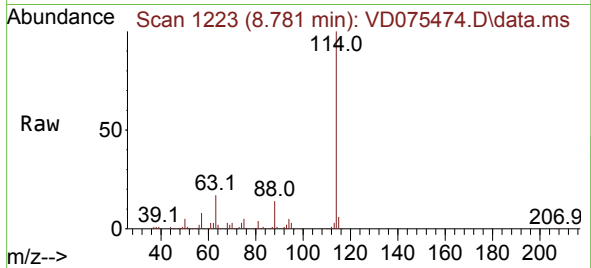




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

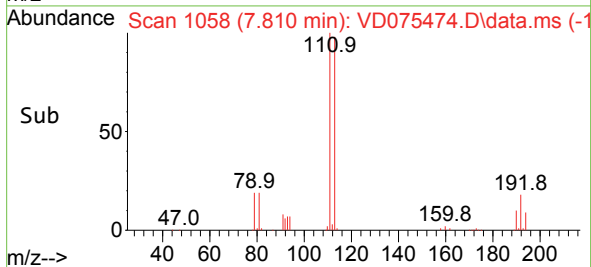
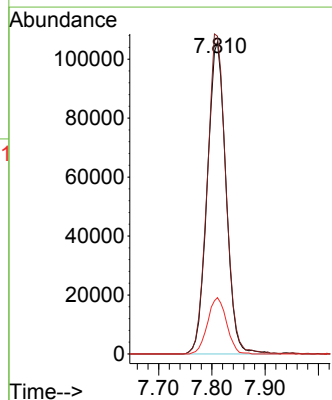
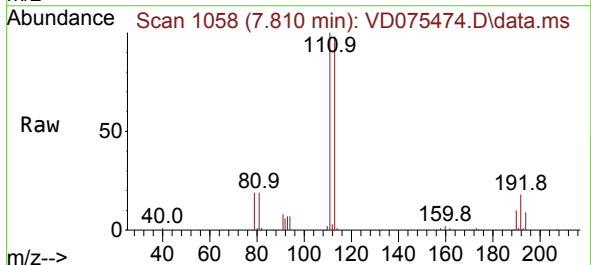
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

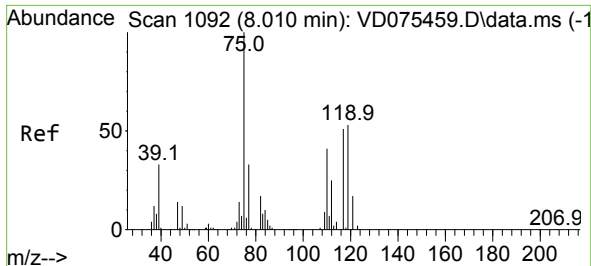
Tgt Ion:114 Resp: 901226
Ion Ratio Lower Upper
114 100
63 16.7 0.0 41.6
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion:113 Resp: 257687
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.4 15.2 22.8

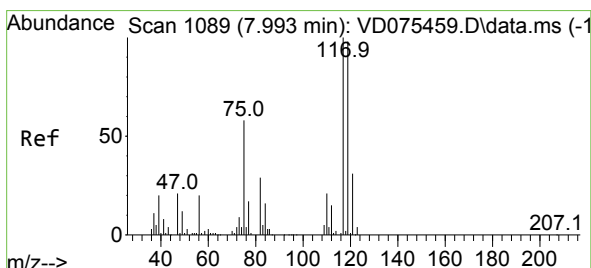
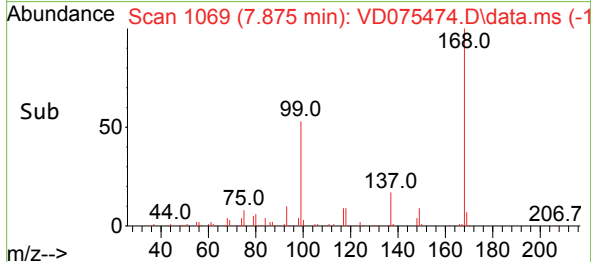
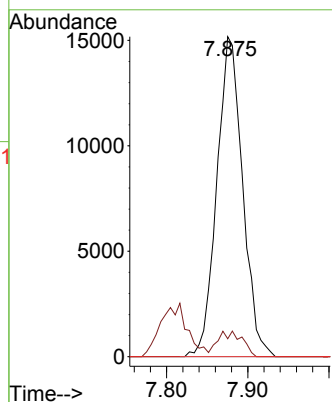
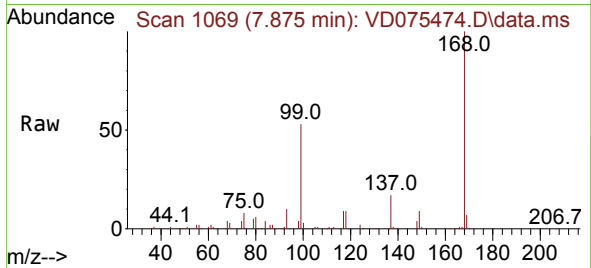




#36
1,1-Dichloropropene
Concen: 3.798 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

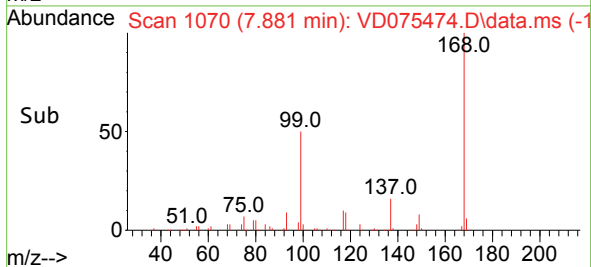
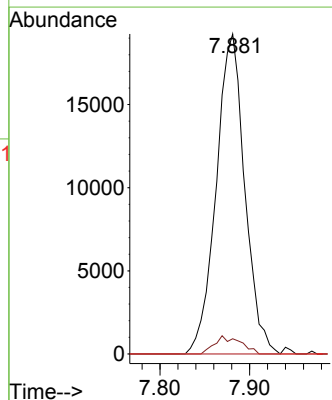
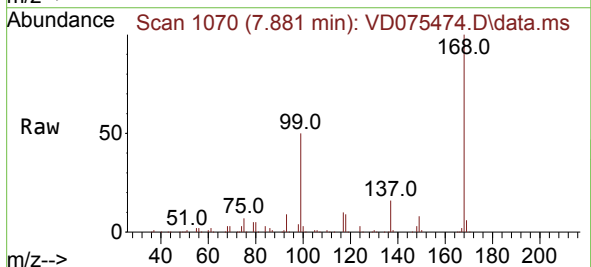
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

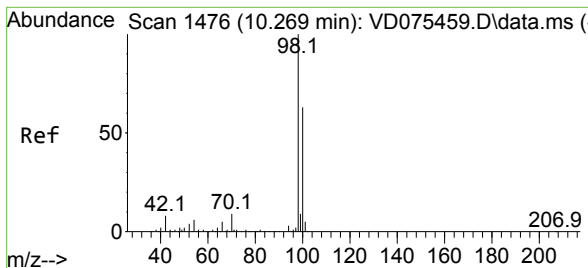
Tgt Ion: 75 Resp: 33490
Ion Ratio Lower Upper
75 100
110 7.5 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.207 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 117 Resp: 42527
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.9 38.9#

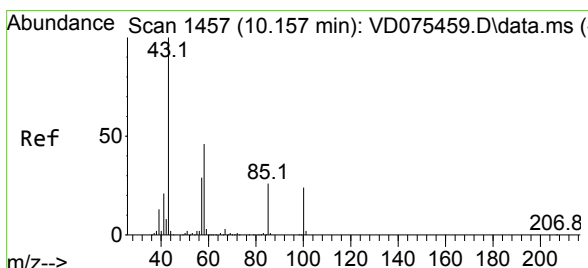
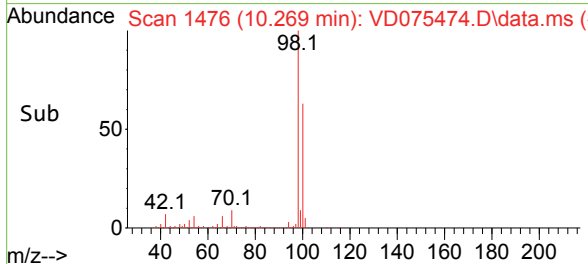
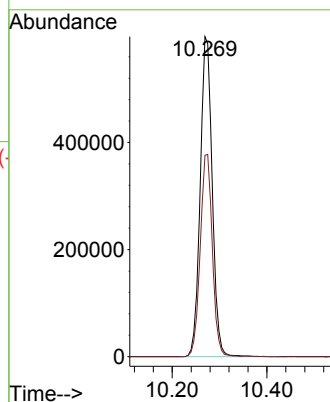
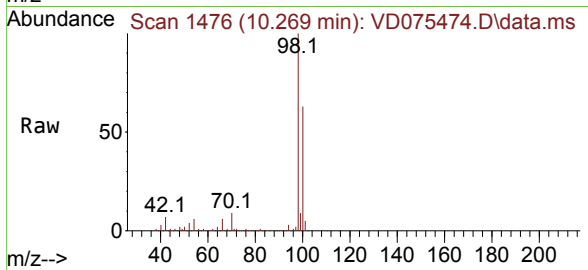




#50
Toluene-d8
Concen: 55.480 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

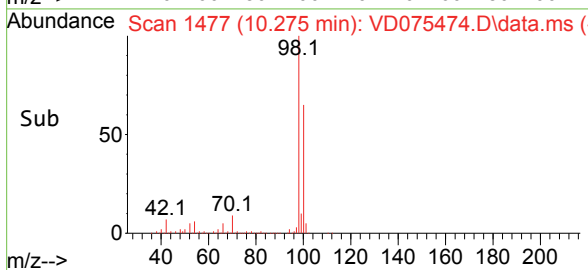
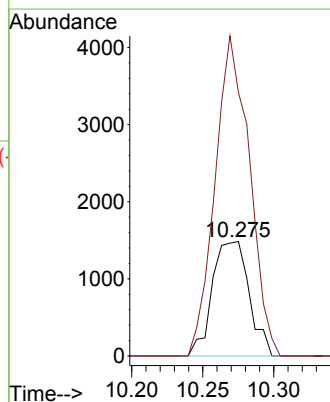
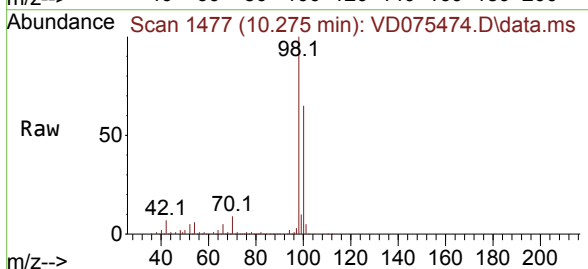
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

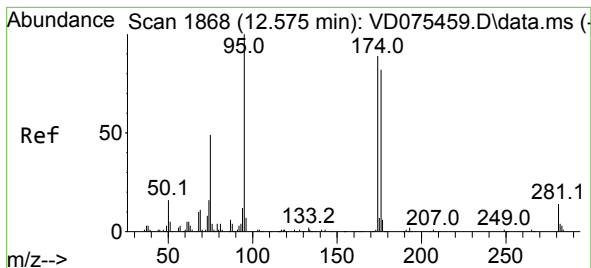
Tgt Ion: 98 Resp: 1049093
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.203 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 43 Resp: 2673
Ion Ratio Lower Upper
43 100
58 261.9 29.5 44.3#

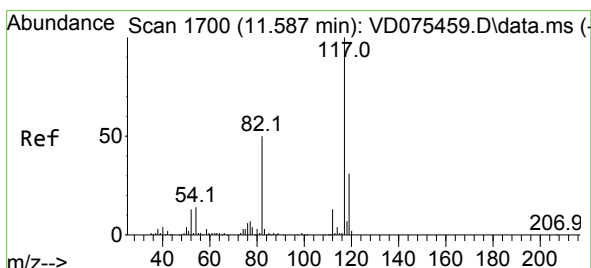
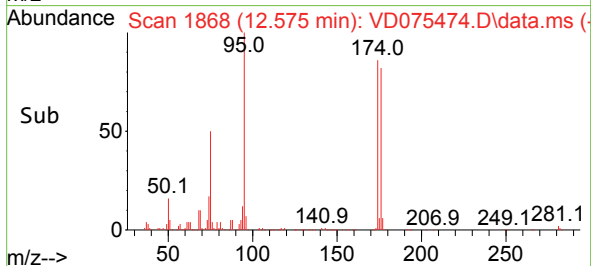
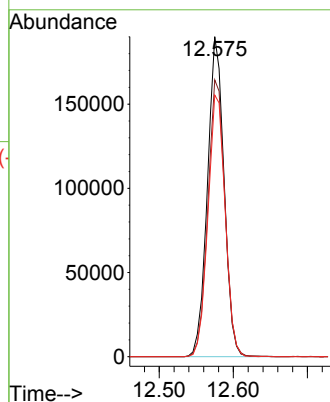
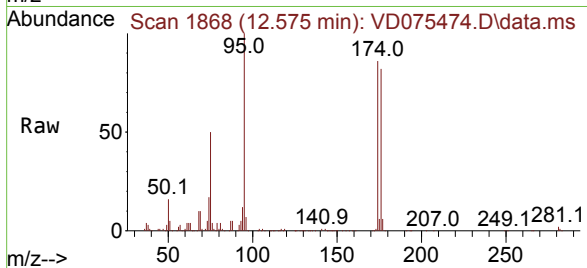




#62
4-Bromofluorobenzene
Concen: 51.698 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

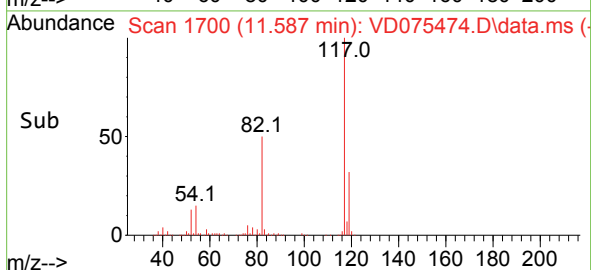
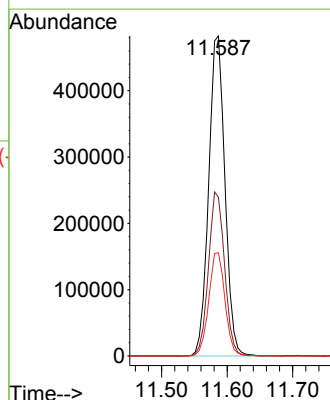
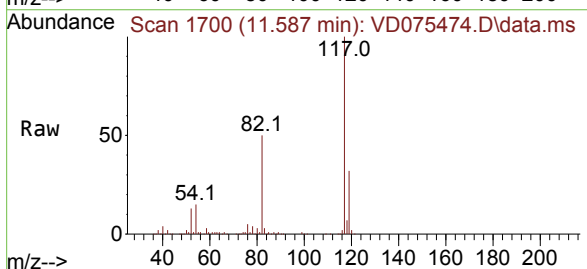
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

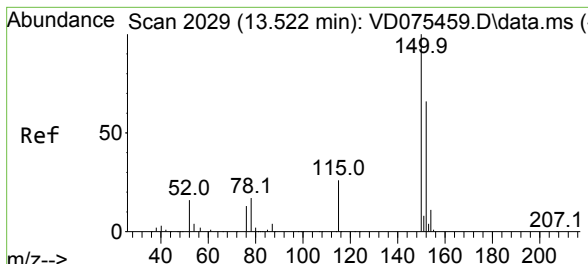
Tgt Ion: 95 Resp: 295616
Ion Ratio Lower Upper
95 100
174 89.2 0.0 164.0
176 84.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 117 Resp: 832091
Ion Ratio Lower Upper
117 100
82 49.6 44.0 66.0
119 32.3 25.1 37.7

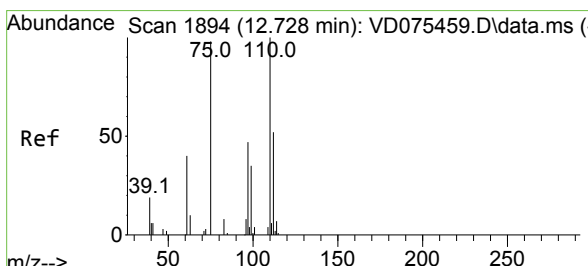
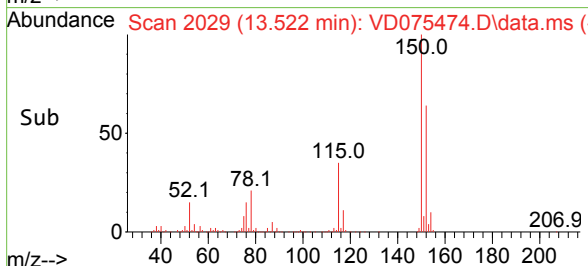
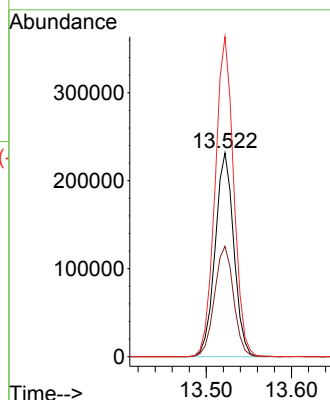
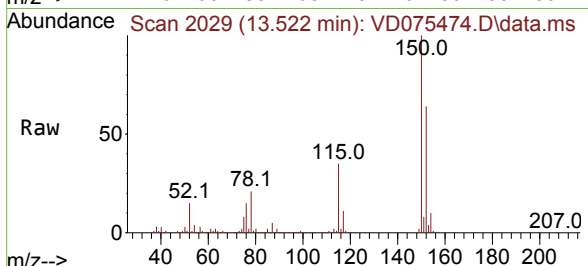




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075474.D
 Acq: 08 Mar 2023 17:30

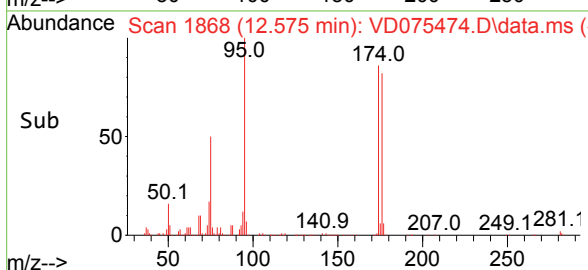
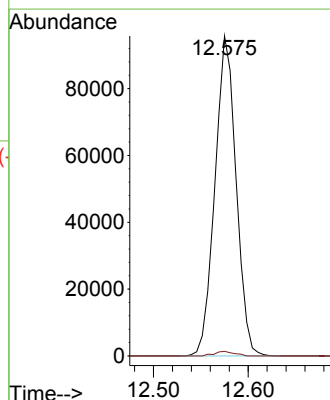
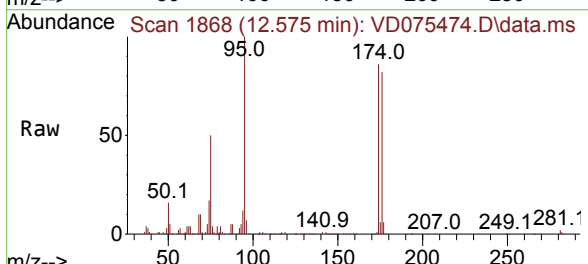
Instrument :
 MSVOA_D
 ClientSampleId :
 CB-23-4.5-030723

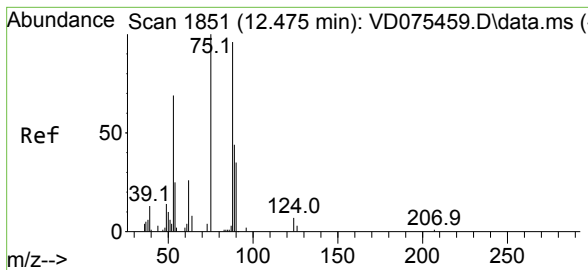
Tgt Ion:	152	Resp:	352914
Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.1	90.3
150	156.6	0.0	364.8



#76
 1,2,3-Trichloropropane
 Concen: 53.195 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075474.D
 Acq: 08 Mar 2023 17:30

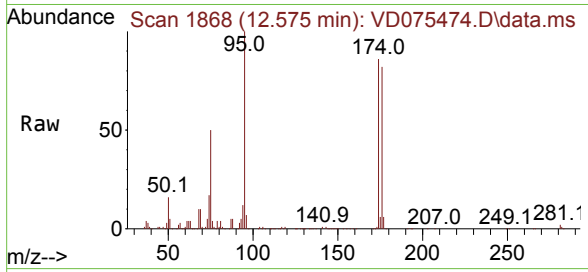
Tgt Ion:	75	Resp:	148724
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.353 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075474.D
 Acq: 08 Mar 2023 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-23-4.5-030723



Tgt Ion: 75 Resp: 148724
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

