

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076877.D
 Acq On : 31 Jul 2023 16:27
 Operator : KP/SY
 Sample : 03833-02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 82ND-1

Quant Time: Aug 01 02:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

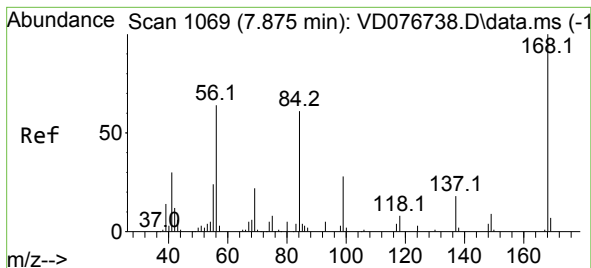
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	183886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	349748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	332063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93206	50.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.804	113	113772	51.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.540%	
50) Toluene-d8	10.269	98	430600	54.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.575	95	125426	49.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.620%	
Target Compounds						Qvalue
16) Acetone	4.022	43	3978	9.094	ug/l #	71
20) Methylene Chloride	4.799	84	32359	2.675	ug/l	93
31) Cyclohexane	7.881	56	3781	1.403	ug/l #	54
36) 1,1-Dichloropropene	7.869	75	14533	5.060	ug/l #	47
38) Carbon Tetrachloride	7.869	117	17806	6.475	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	67169	47.635	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	67169	101.379	ug/l #	17

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

Quant Time: Aug 01 02:12:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076877.D

Acq: 31 Jul 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

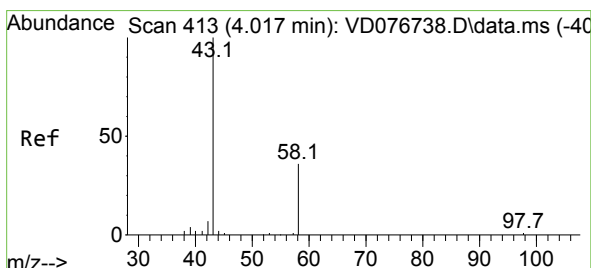
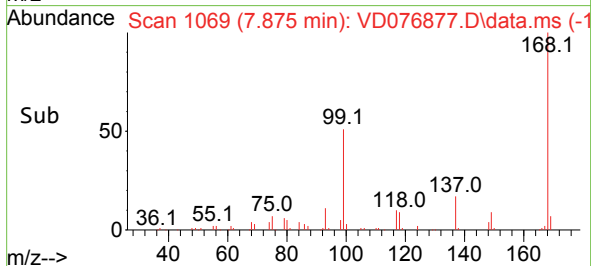
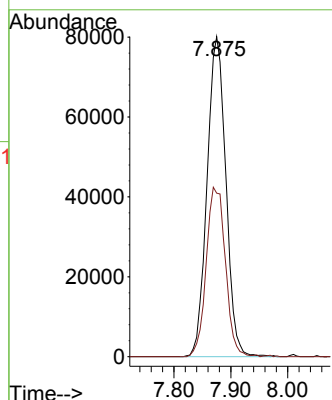
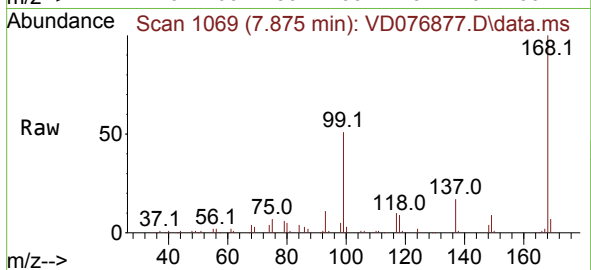
82ND-1

Tgt Ion:168 Resp: 183886

Ion Ratio Lower Upper

168 100

99 51.1 36.7 55.1



#16

Acetone

Concen: 9.094 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076877.D

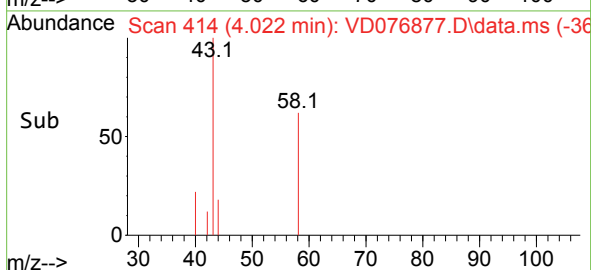
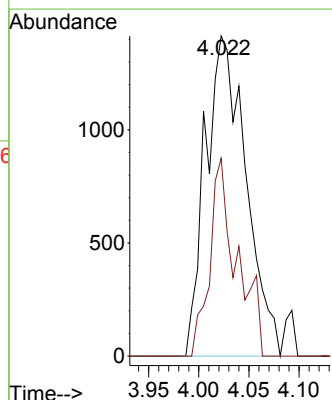
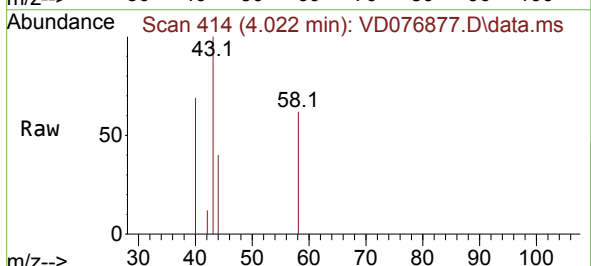
Acq: 31 Jul 2023 16:27

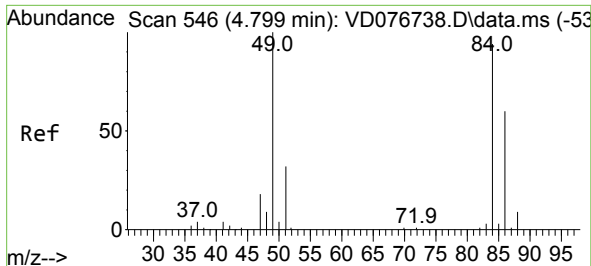
Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

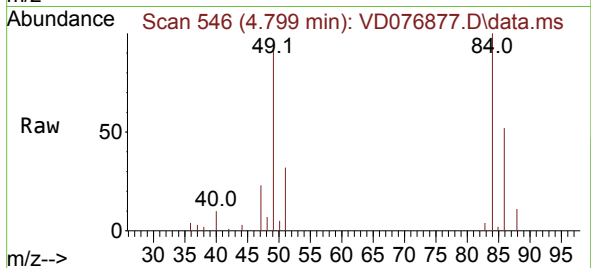
58 61.8 34.7 52.1#



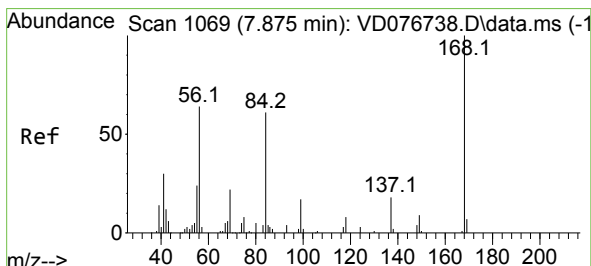
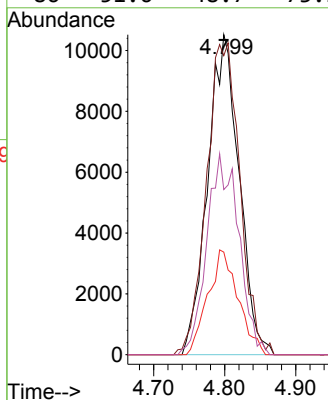
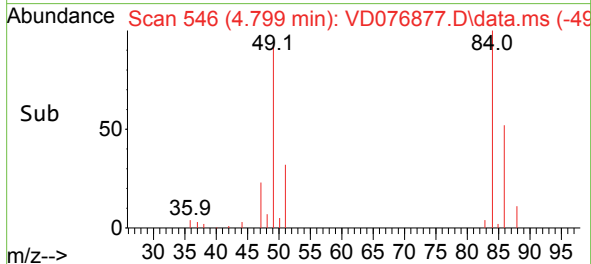


#20
Methylene Chloride
Concen: 2.675 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076877.D
Acq: 31 Jul 2023 16:27

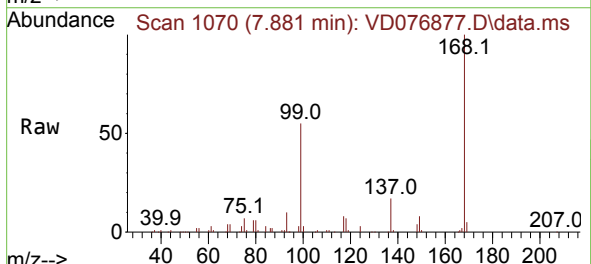
Instrument :
MSVOA_D
ClientSampleId :
82ND-1



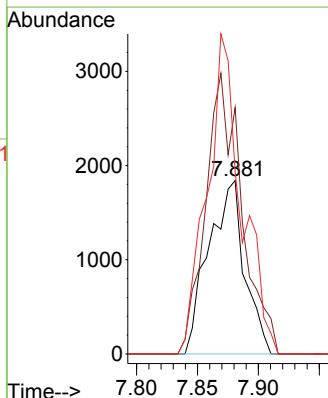
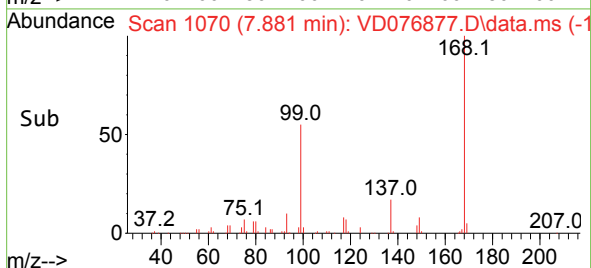
Tgt Ion: 84	Resp: 32359		
Ion	Ratio	Lower	Upper
84	100		
49	93.4	71.4	107.2
51	32.1	24.5	36.7
86	51.6	48.7	73.1

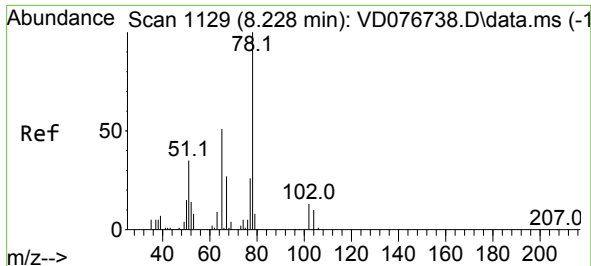


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076877.D
Acq: 31 Jul 2023 16:27



Tgt Ion: 56	Resp: 3781		
Ion Ratio	Lower	Upper	
56	100		
69	142.0	28.6	43.0#
84	105.0	84.8	127.2





#33

1,2-Dichloroethane-d4

Concen: 50.889 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076877.D

Acq: 31 Jul 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

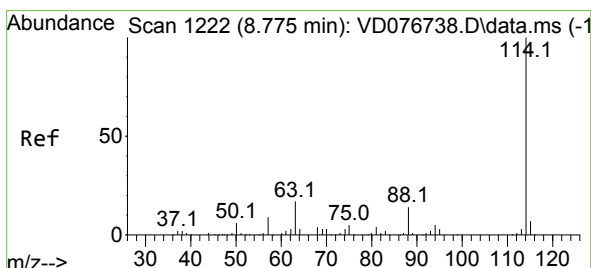
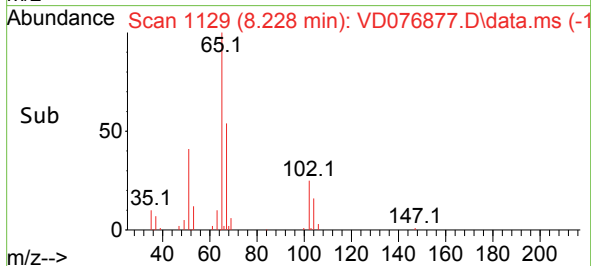
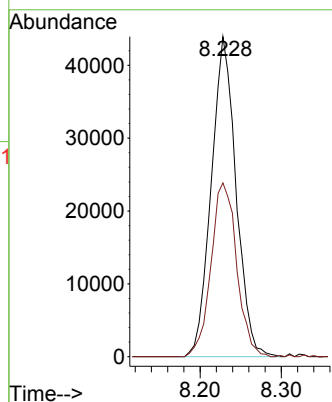
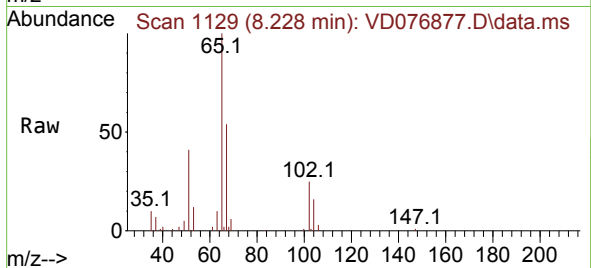
82ND-1

Tgt Ion: 65 Resp: 93206

Ion Ratio Lower Upper

65 100

67 56.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076877.D

Acq: 31 Jul 2023 16:27

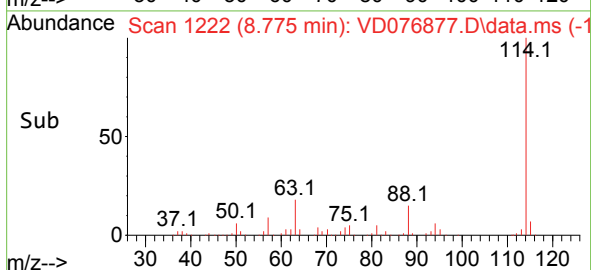
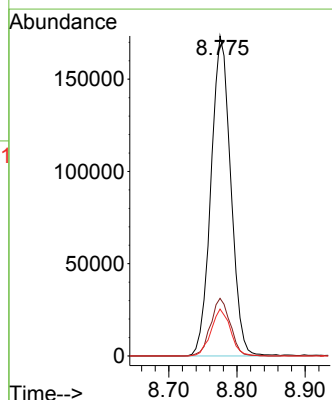
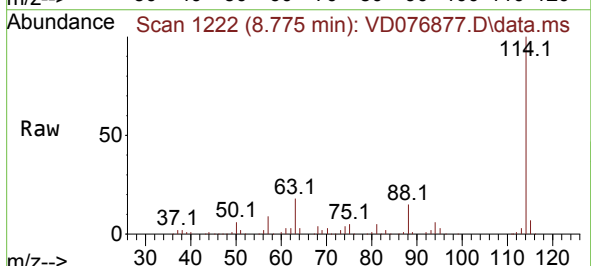
Tgt Ion: 114 Resp: 349748

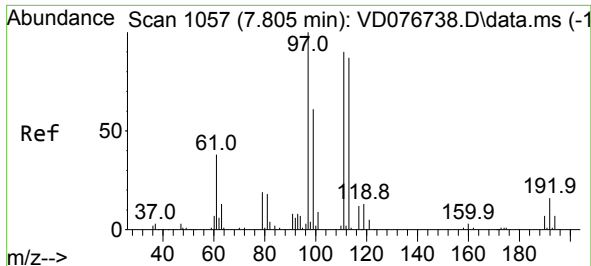
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.765 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076877.D

Acq: 31 Jul 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

82ND-1

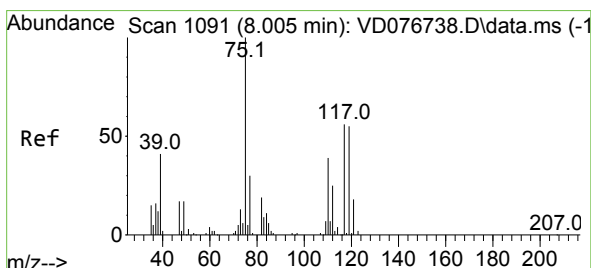
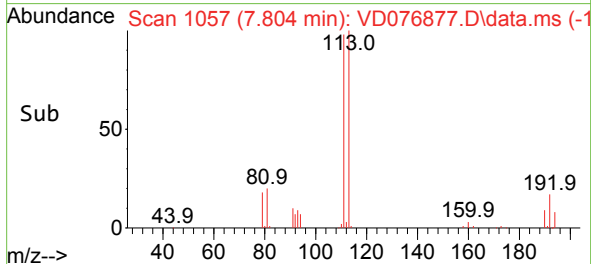
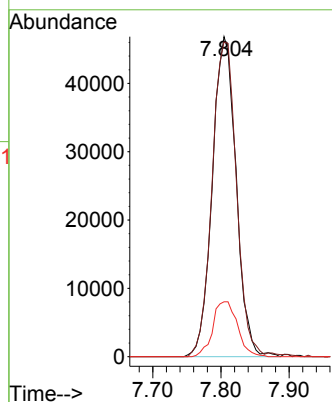
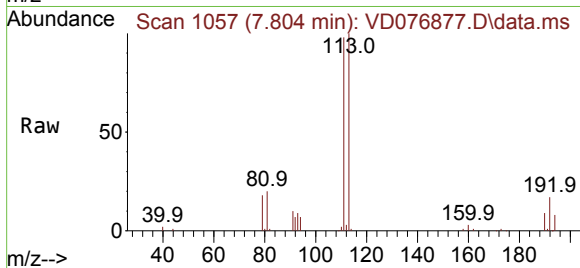
Tgt Ion:113 Resp: 113772

Ion Ratio Lower Upper

113 100

111 101.4 84.7 127.1

192 17.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076877.D

Acq: 31 Jul 2023 16:27

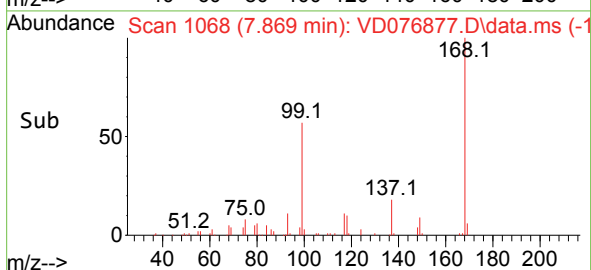
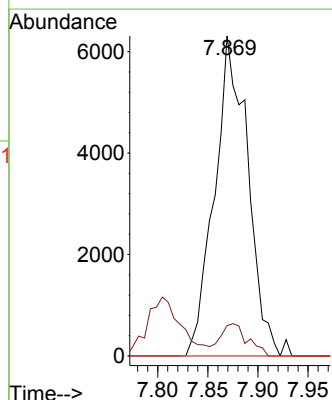
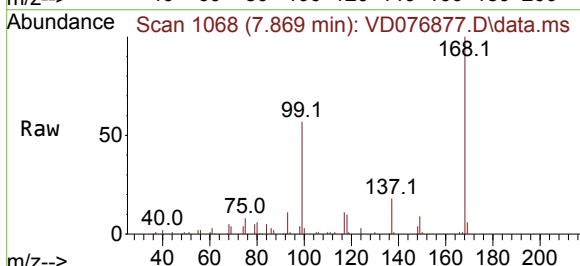
Tgt Ion: 75 Resp: 14533

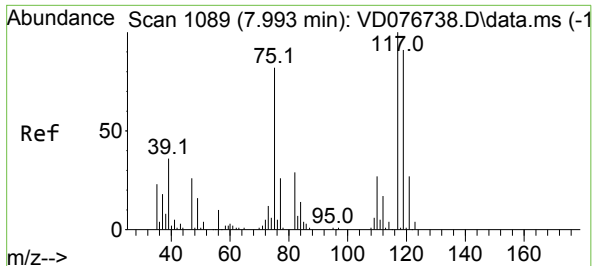
Ion Ratio Lower Upper

75 100

110 8.3 19.9 59.6#

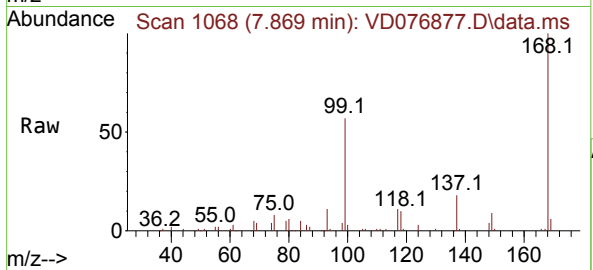
77 0.0 24.7 37.1#



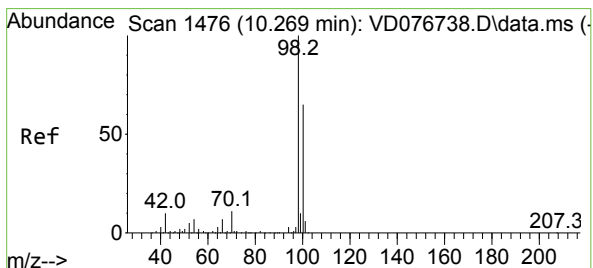
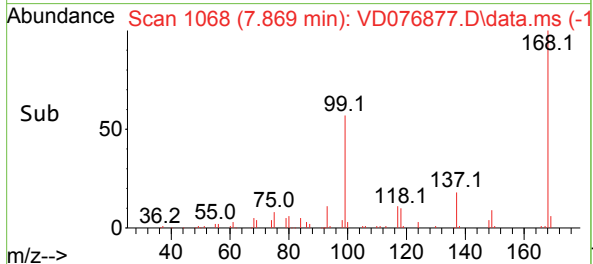
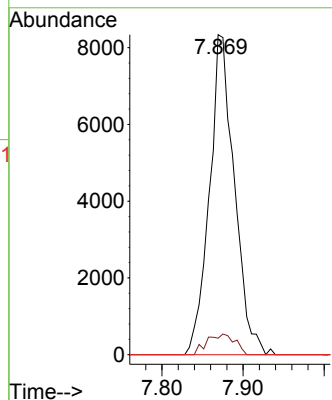


#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076877.D
Acq: 31 Jul 2023 16:27

Instrument :
MSVOA_D
ClientSampleId :
82ND-1

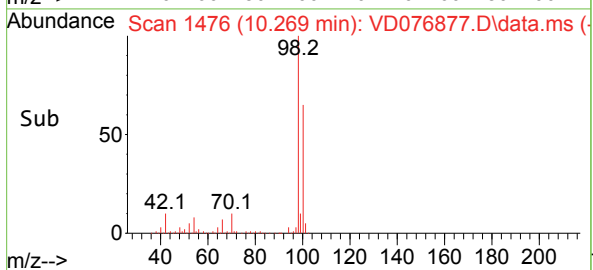
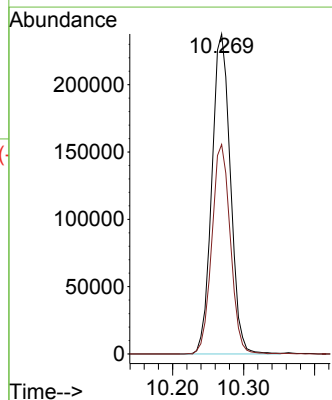
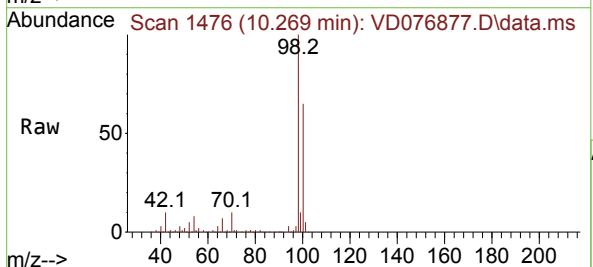


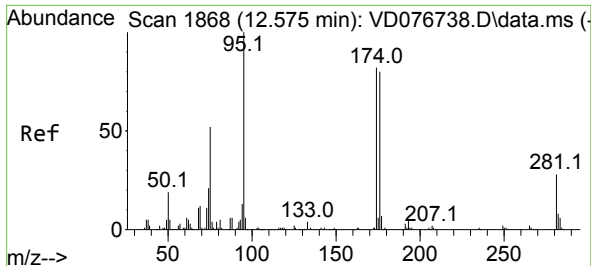
Tgt Ion:117 Resp: 17806
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.766 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076877.D
Acq: 31 Jul 2023 16:27

Tgt Ion: 98 Resp: 430600
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

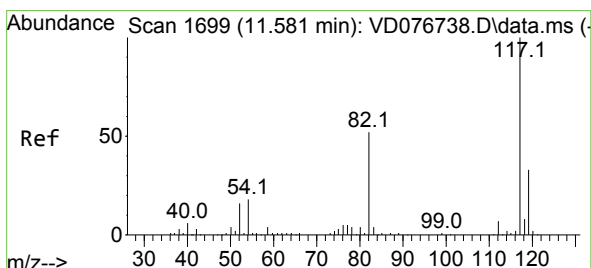
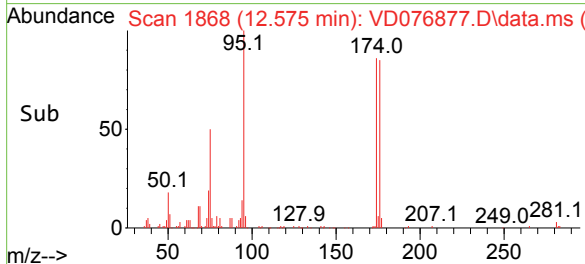
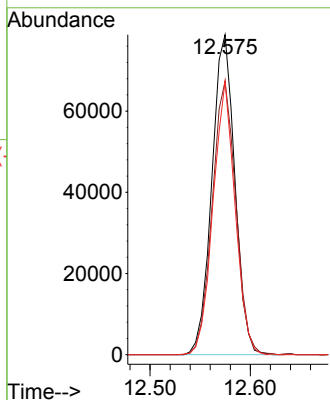
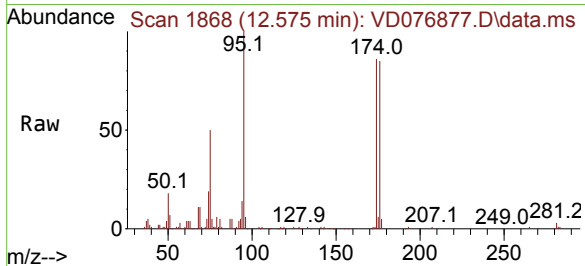




#62
4-Bromofluorobenzene
Concen: 49.312 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076877.D
Acq: 31 Jul 2023 16:27

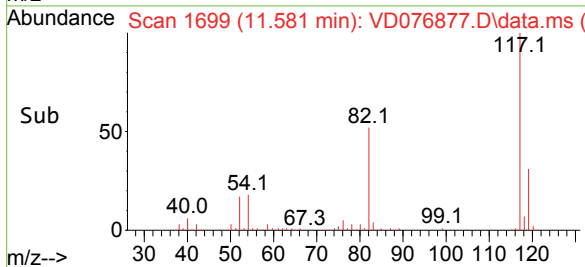
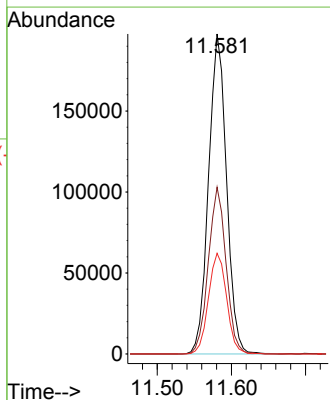
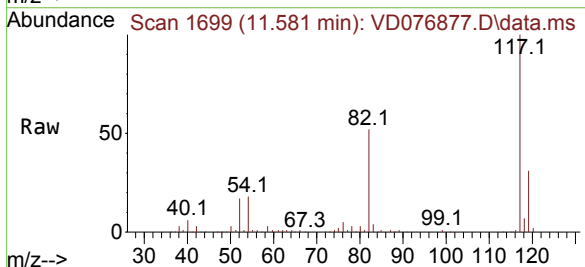
Instrument :
MSVOA_D
ClientSampleId :
82ND-1

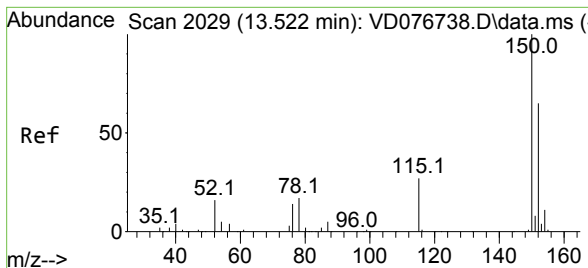
Tgt Ion: 95 Resp: 125426
Ion Ratio Lower Upper
95 100
174 87.9 0.0 201.8
176 82.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076877.D
Acq: 31 Jul 2023 16:27

Tgt Ion: 117 Resp: 332063
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 31.5 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD076877.D

Acq: 31 Jul 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

82ND-1

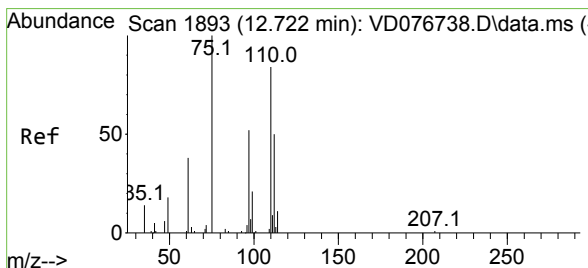
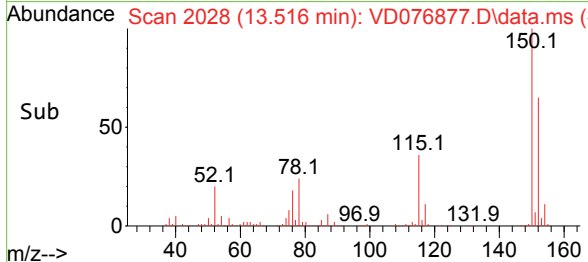
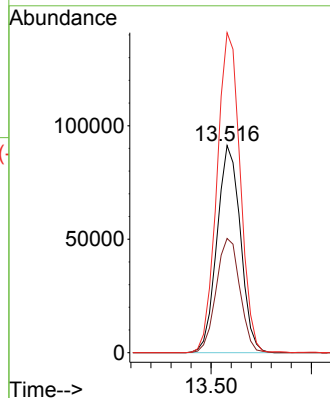
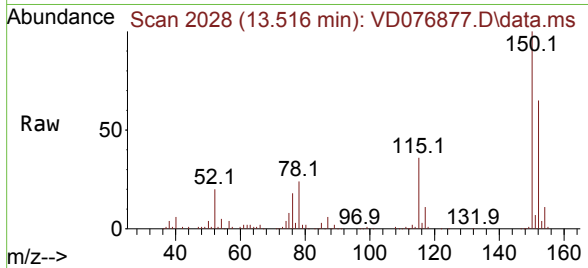
Tgt Ion:152 Resp: 148276

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 153.4 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 47.635 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076877.D

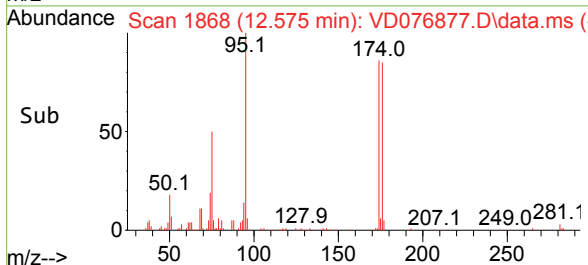
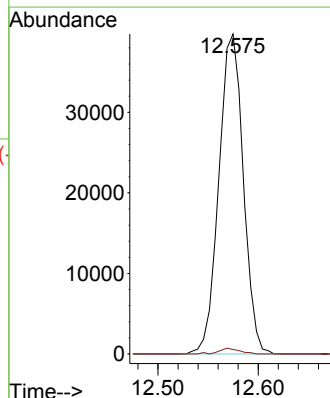
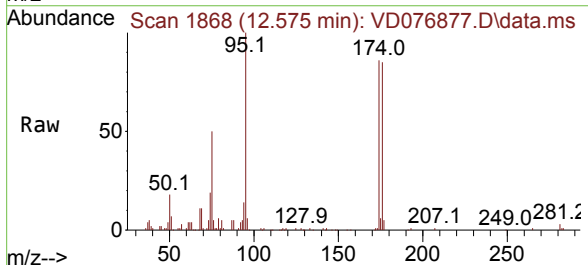
Acq: 31 Jul 2023 16:27

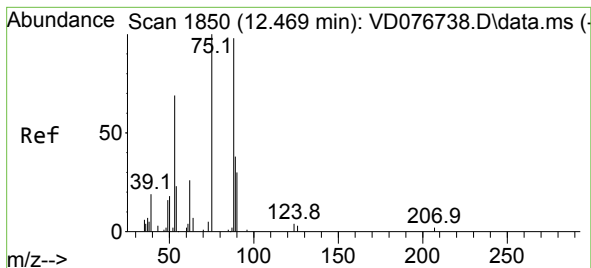
Tgt Ion: 75 Resp: 67169

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.379 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076877.D
 Acq: 31 Jul 2023 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 82ND-1

Tgt Ion: 75 Resp: 67169
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

