

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076516.D
 Acq On : 21 Jun 2023 16:51
 Operator : KP/SY
 Sample : 03290-01
 Misc : 5.75G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Jun 22 02:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

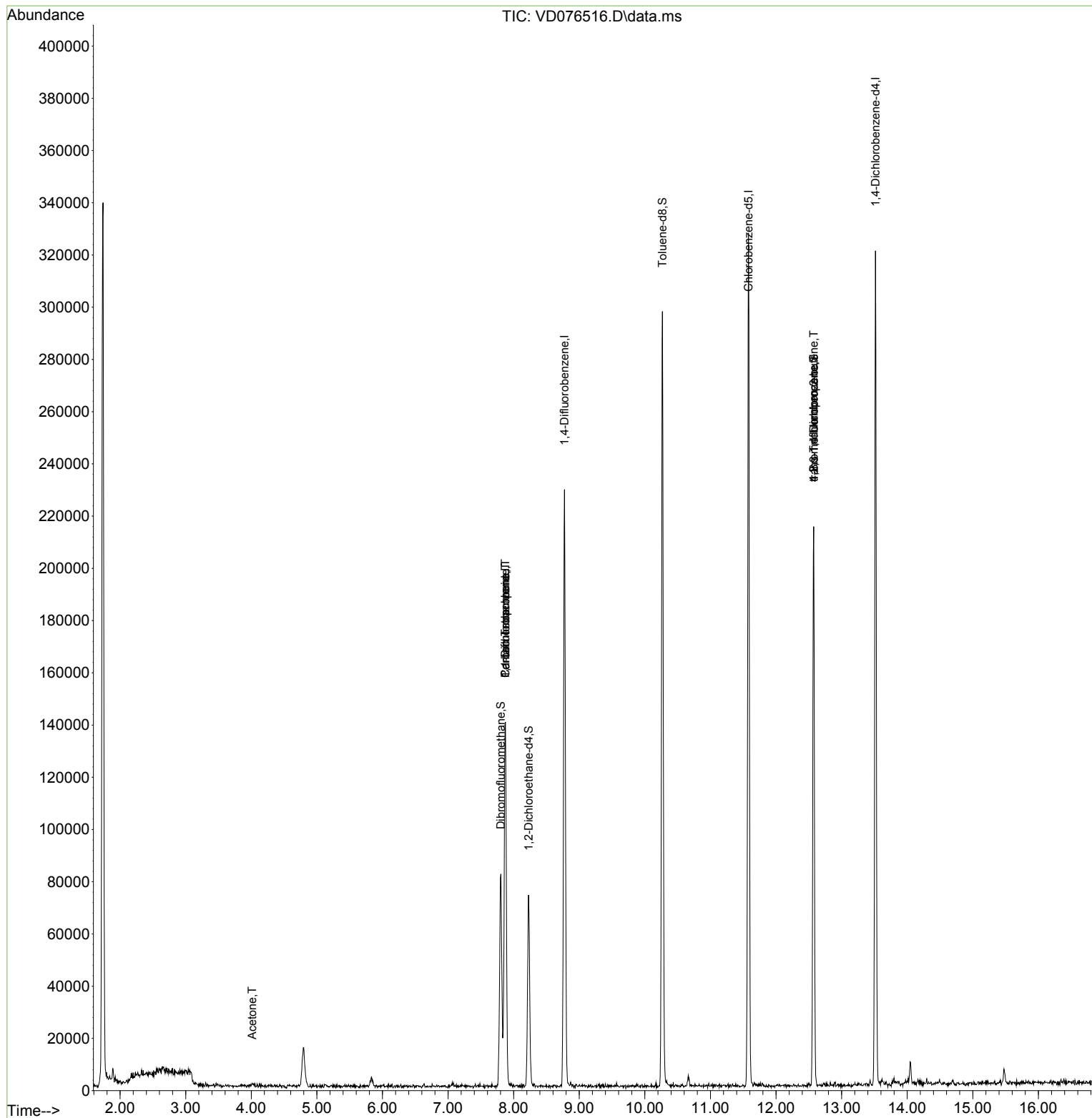
Internal Standards						
1) Pentafluorobenzene	7.875	168	112801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52867	46.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.560%
35) Dibromofluoromethane	7.804	113	57942	49.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.269	98	202570	45.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.575	95	63112	43.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.280%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	1478	5.496	ug/l #	32
20) Methylene Chloride	4.799	84	10008	Below Cal	#	79
28) Bromochloromethane	7.416	49	62	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	8604	5.229	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10611	7.215	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	34235	40.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34235	88.412	ug/l #	17

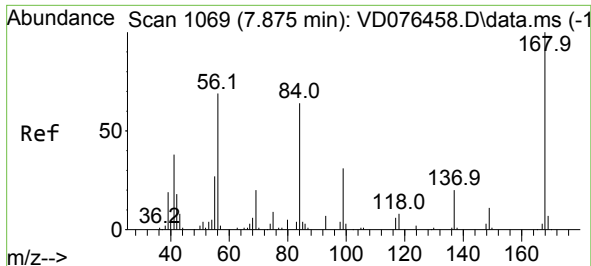
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
Data File : VD076516.D
Acq On : 21 Jun 2023 16:51
Operator : KP/SY
Sample : 03290-01
Misc : 5.75G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Quant Time: Jun 22 02:00:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

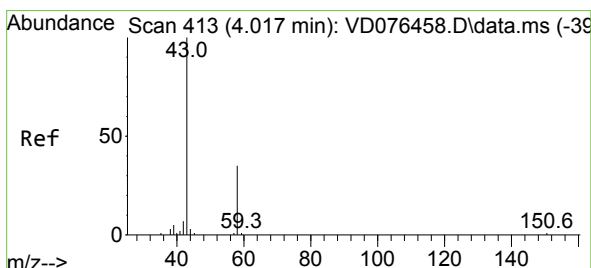
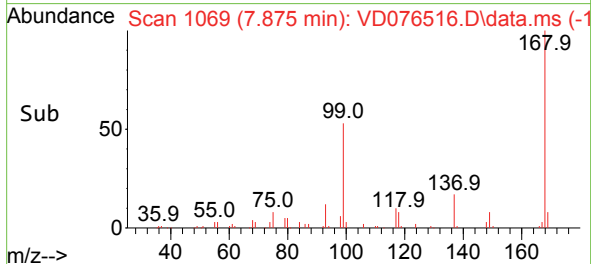
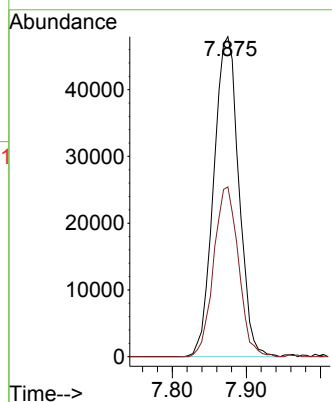
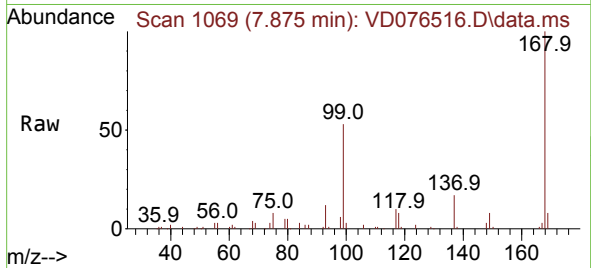




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076516.D
Acq: 21 Jun 2023 16:51

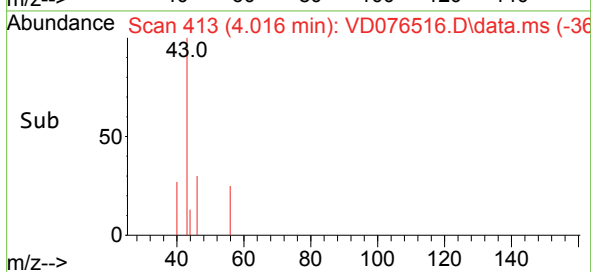
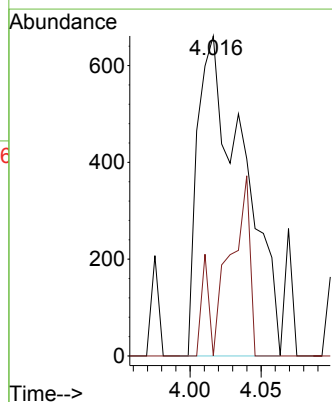
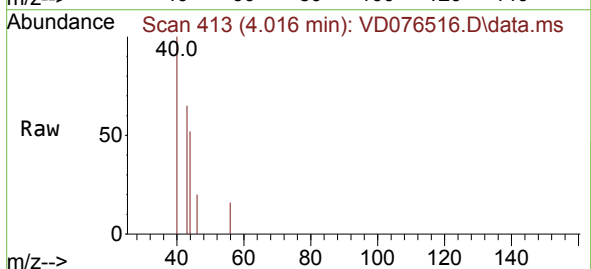
Instrument :
MSVOA_D
ClientSampleId :
SB-1

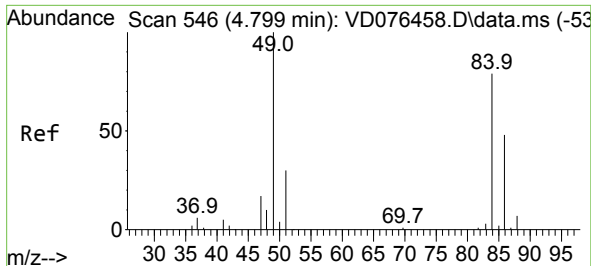
Tgt Ion:168 Resp: 112801
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#16
Acetone
Concen: 5.496 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076516.D
Acq: 21 Jun 2023 16:51

Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

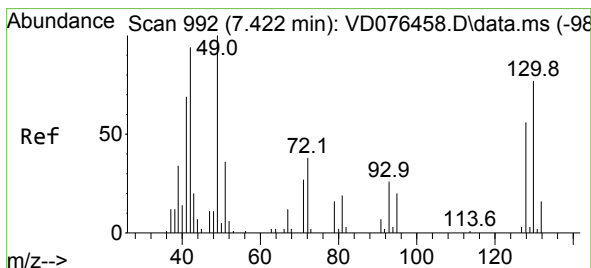
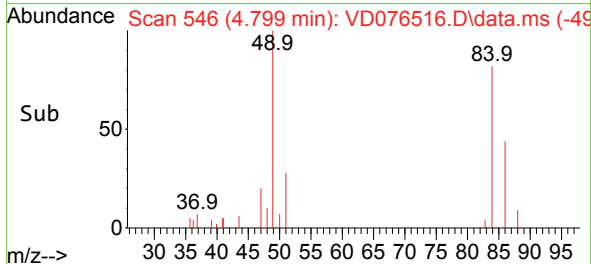
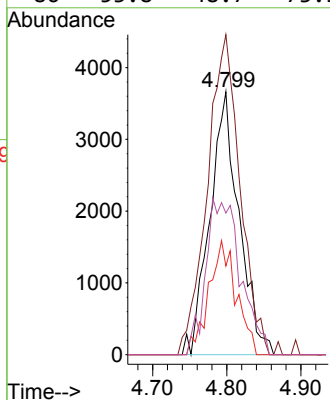
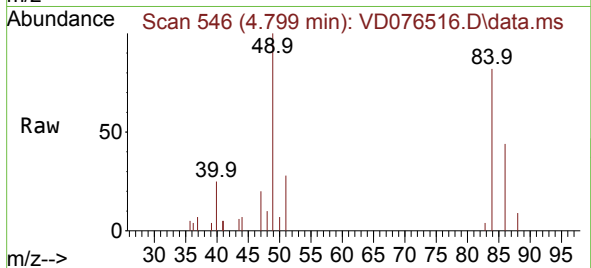




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076516.D
Acq: 21 Jun 2023 16:51

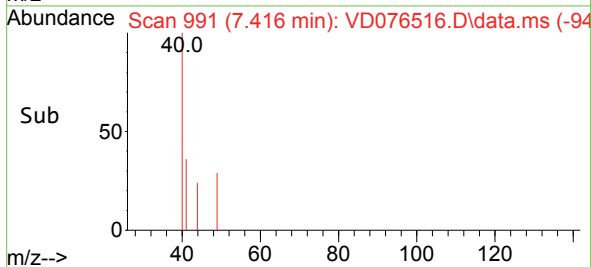
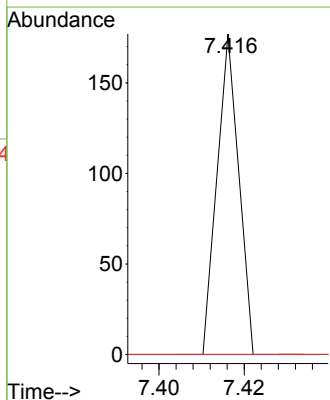
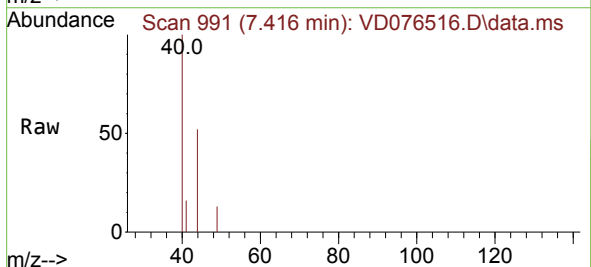
Instrument :
MSVOA_D
ClientSampleId :
SB-1

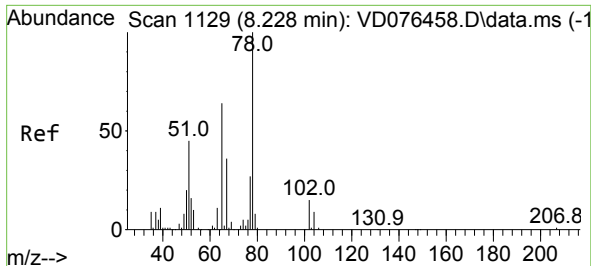
Tgt Ion:	84	Resp:	10008
Ion	Ratio	Lower	Upper
84	100		
49	121.7	71.4	107.2#
51	33.7	24.5	36.7
86	53.8	48.7	73.1



#28
Bromochloromethane
Concen: Below Cal
RT: 7.416 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD076516.D
Acq: 21 Jun 2023 16:51

Tgt Ion:	49	Resp:	62
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	0.0	83.2	124.8#





#33

1,2-Dichloroethane-d4

Concen: 46.778 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076516.D

Acq: 21 Jun 2023 16:51

Instrument :

MSVOA_D

ClientSampleId :

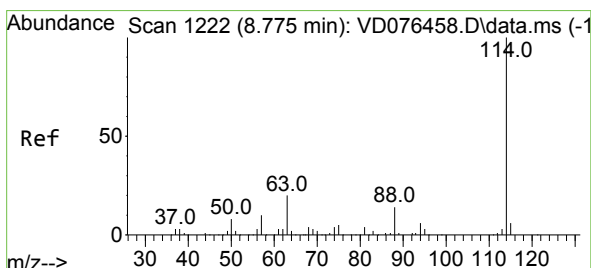
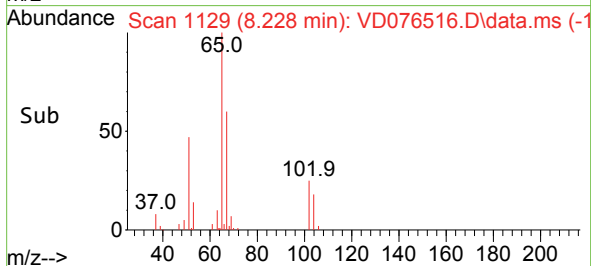
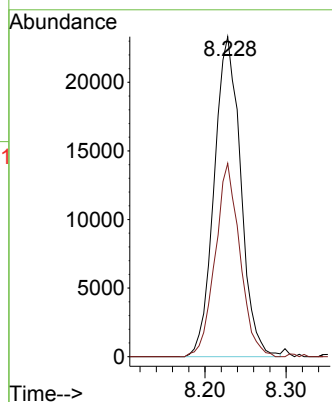
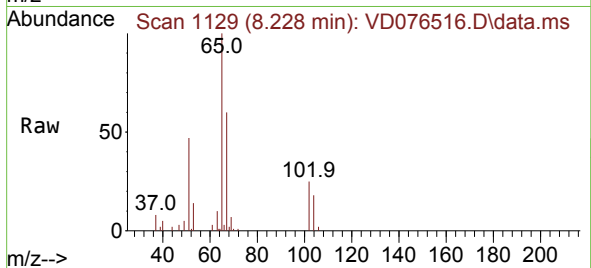
SB-1

Tgt Ion: 65 Resp: 52867

Ion Ratio Lower Upper

65 100

67 56.4 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: VD076516.D

Acq: 21 Jun 2023 16:51

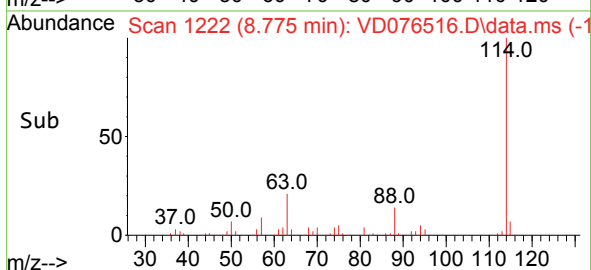
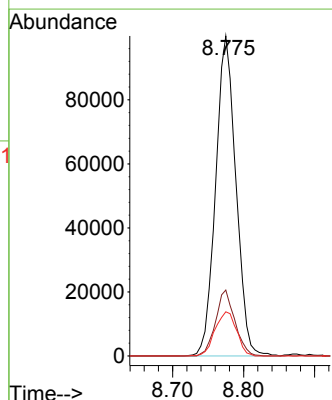
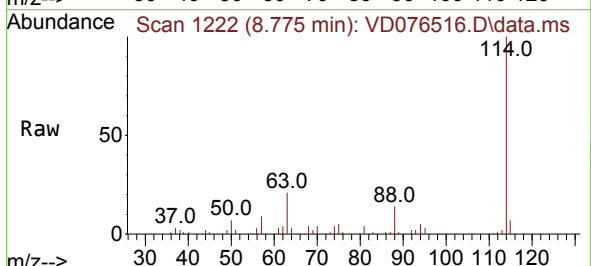
Tgt Ion: 114 Resp: 197791

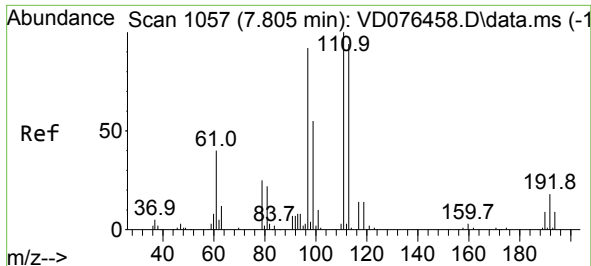
Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 13.8 0.0 26.2

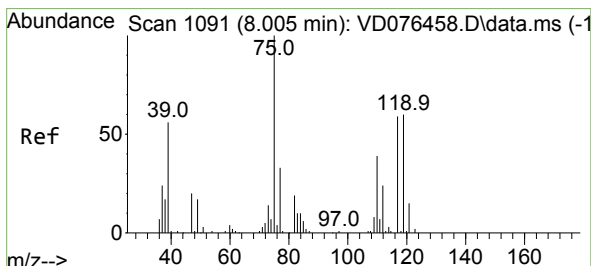
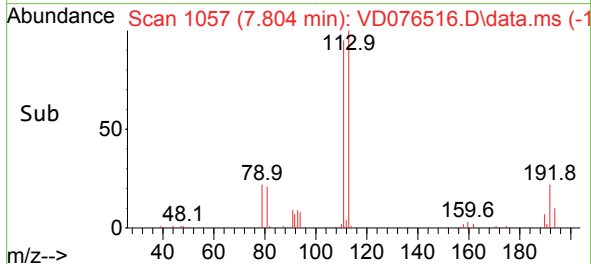
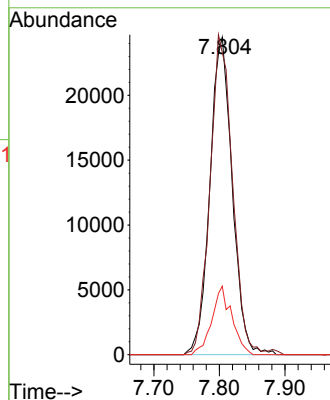
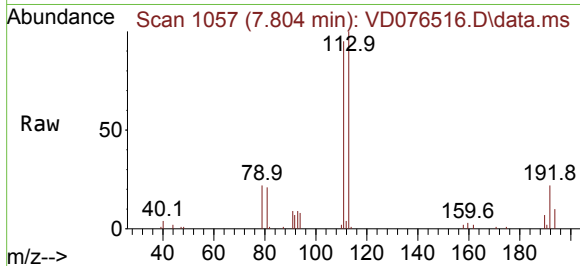




#35
 Dibromofluoromethane
 Concen: 49.312 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

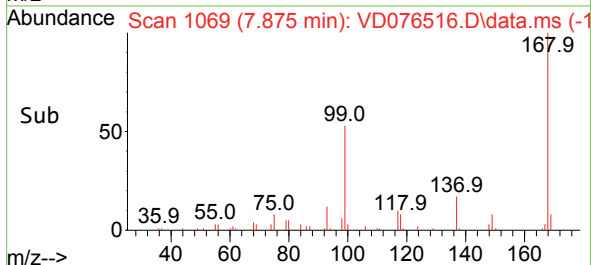
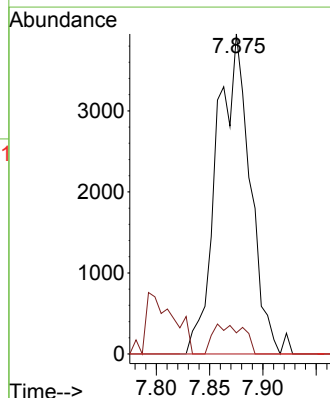
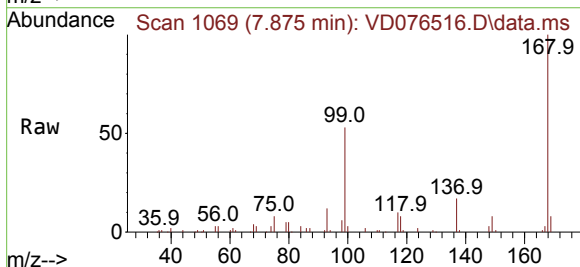
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

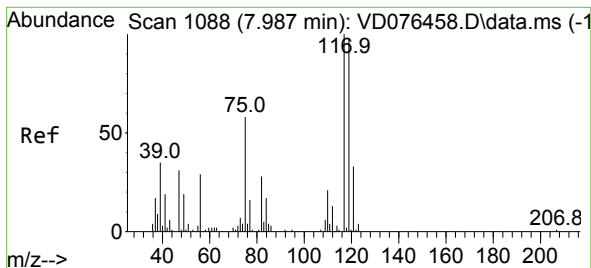
Tgt Ion:113	Resp:	57942
Ion	Ratio	Lower Upper
113	100	
111	101.2	84.7 127.1
192	19.4	16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 5.229 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.130 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

Tgt Ion: 75	Resp:	8604
Ion	Ratio	Lower Upper
75	100	
110	8.5	19.9 59.6#
77	0.0	24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.215 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076516.D

Acq: 21 Jun 2023 16:51

Instrument :

MSVOA_D

ClientSampleId :

SB-1

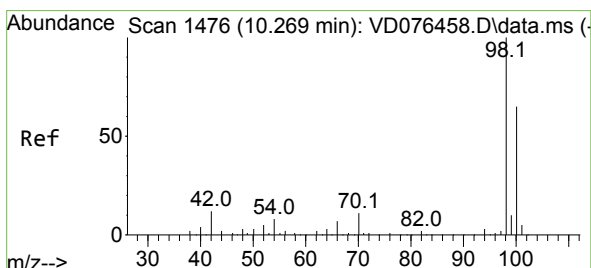
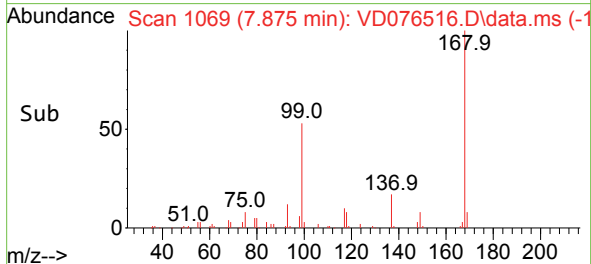
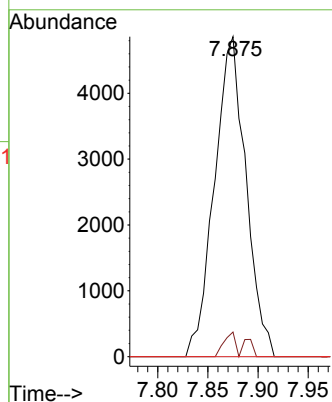
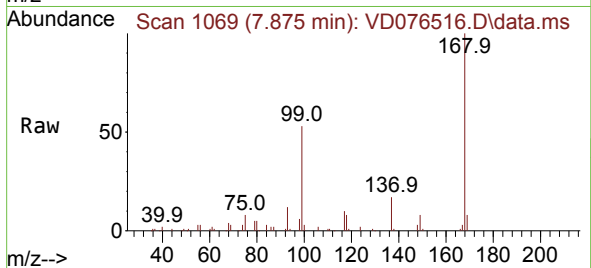
Tgt Ion:117 Resp: 10611

Ion Ratio Lower Upper

117 100

119 7.7 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 45.458 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076516.D

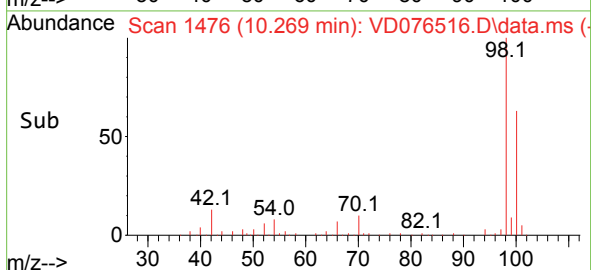
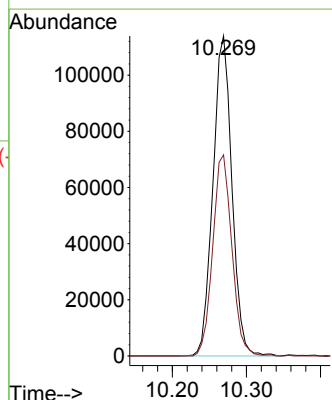
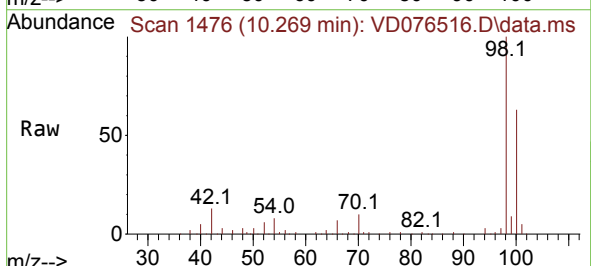
Acq: 21 Jun 2023 16:51

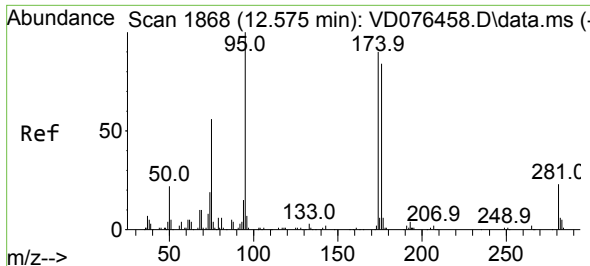
Tgt Ion: 98 Resp: 202570

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5

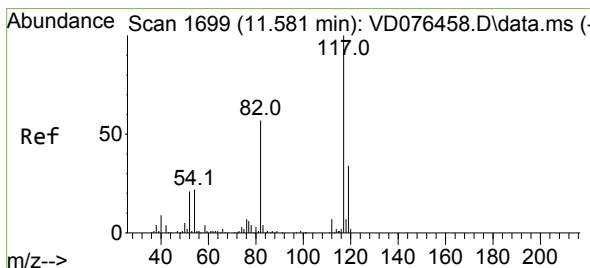
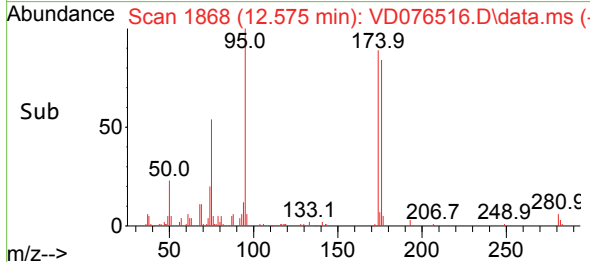
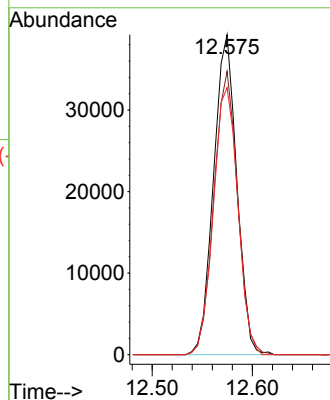
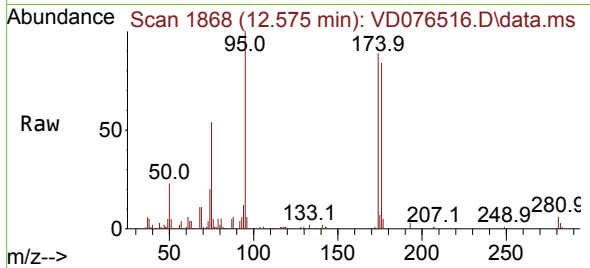




#62
4-Bromofluorobenzene
Concen: 43.639 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076516.D
Acq: 21 Jun 2023 16:51

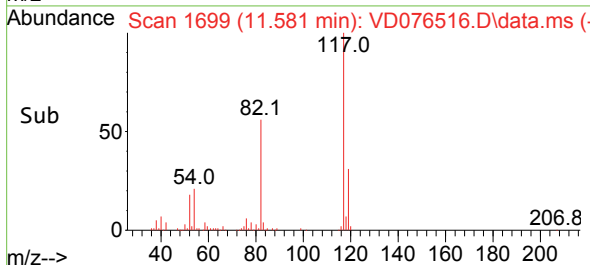
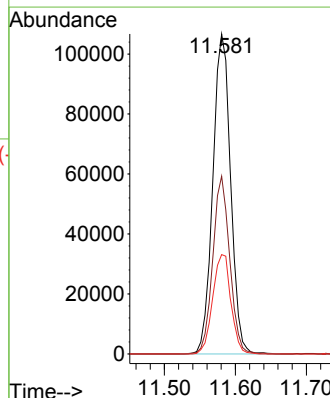
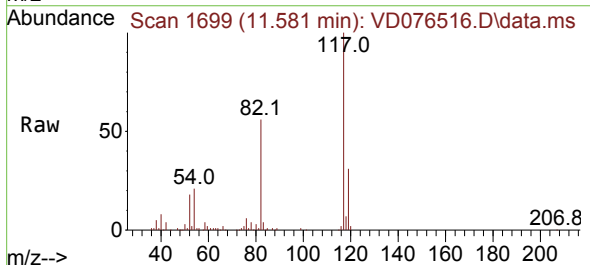
Instrument :
MSVOA_D
ClientSampleId :
SB-1

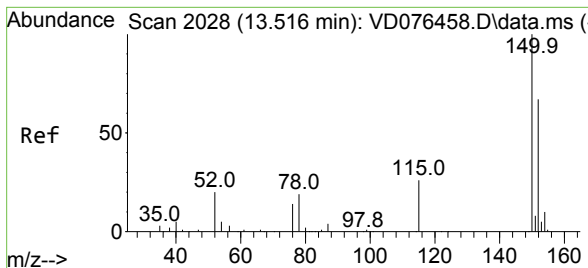
Tgt Ion: 95 Resp: 63112
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 87.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076516.D
Acq: 21 Jun 2023 16:51

Tgt Ion: 117 Resp: 185117
Ion Ratio Lower Upper
117 100
82 55.6 38.3 57.5
119 31.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076516.D

Acq: 21 Jun 2023 16:51

Instrument :

MSVOA_D

ClientSampleId :

SB-1

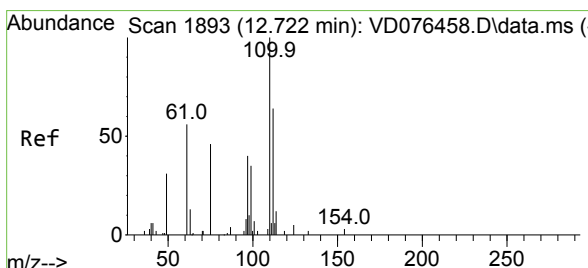
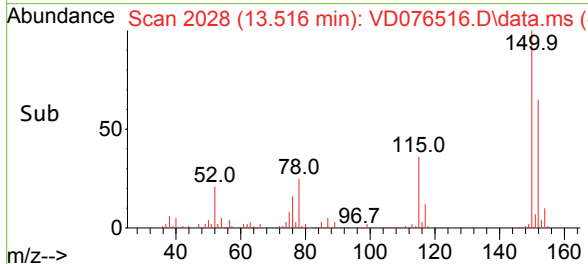
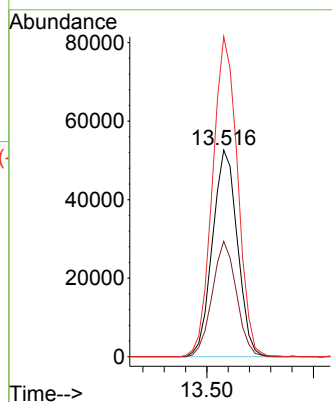
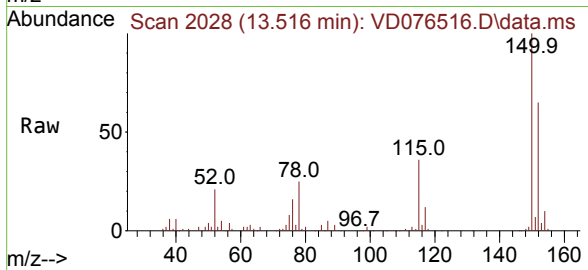
Tgt Ion:152 Resp: 85492

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 155.6 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 40.348 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076516.D

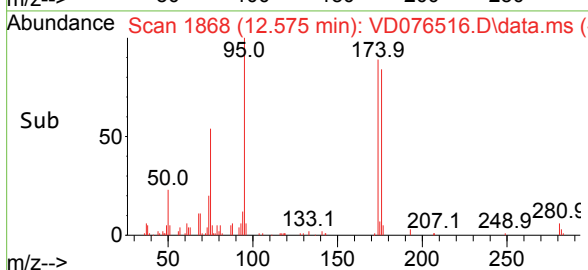
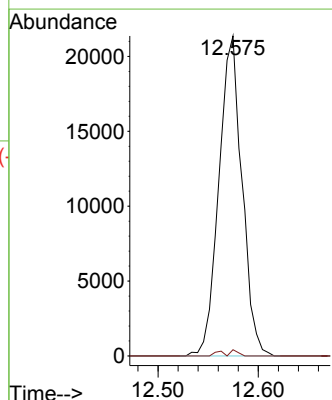
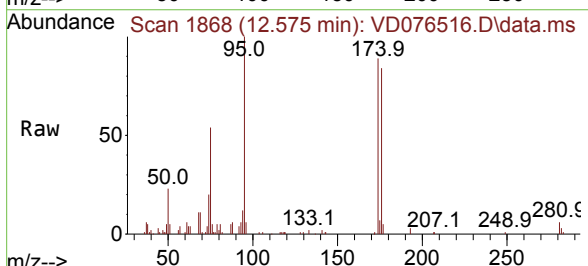
Acq: 21 Jun 2023 16:51

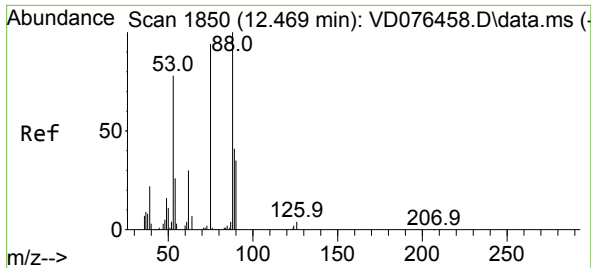
Tgt Ion: 75 Resp: 34235

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.412 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Tgt Ion: 75 Resp: 34235
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

