

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076496.D
 Acq On : 20 Jun 2023 17:17
 Operator : KP/SY
 Sample : 03289-19
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Jun 21 06:48:47 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)

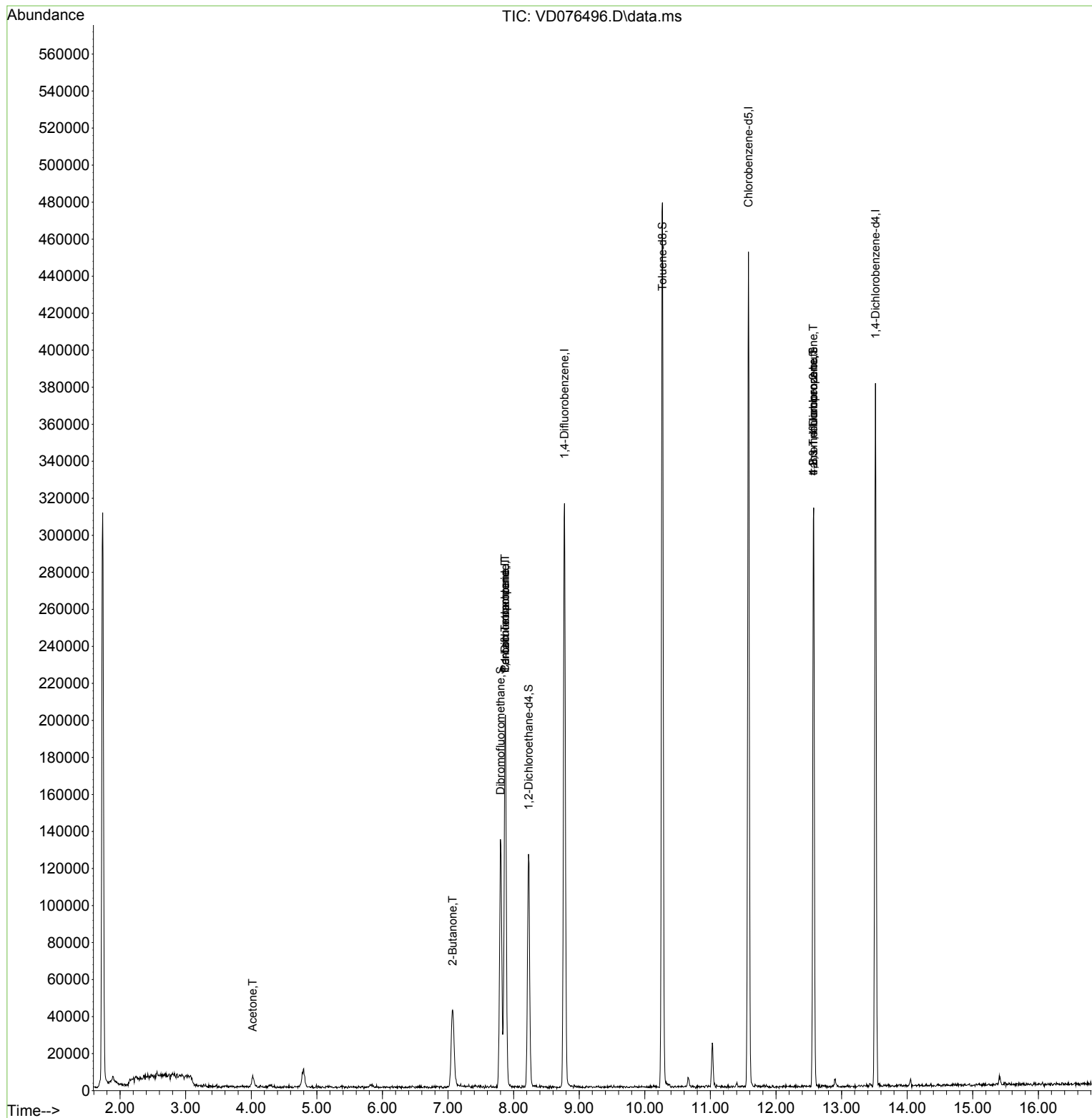
Internal Standards						
1) Pentafluorobenzene	7.869	168	159909	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	281569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93832	58.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.140%
35) Dibromofluoromethane	7.799	113	93454	55.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.269	98	336247	53.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.569	95	90835	44.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.240%
Target Compounds						
						Qvalue
16) Acetone	4.023	43	8509	22.319	ug/l	95
20) Methylene Chloride	4.799	84	6623	Below Cal	#	73
25) 2-Butanone	7.069	43	2791	4.733	ug/l	# 70
28) Bromochloromethane	7.422	49	118	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	12465	5.321	ug/l	# 48
38) Carbon Tetrachloride	7.869	117	16545	7.902	ug/l	# 16
76) 1,2,3-Trichloropropane	12.569	75	48271	49.182	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	48271	107.769	ug/l	# 17

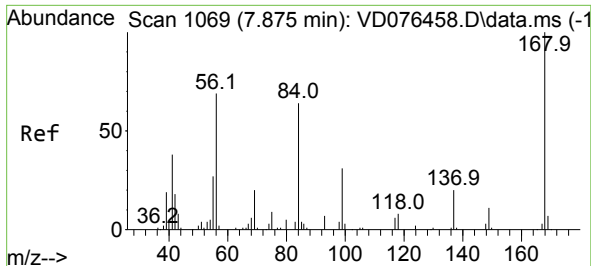
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
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SB-07-0-2.0

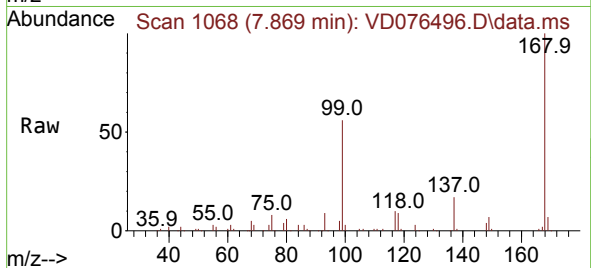
Quant Time: Jun 21 06:48:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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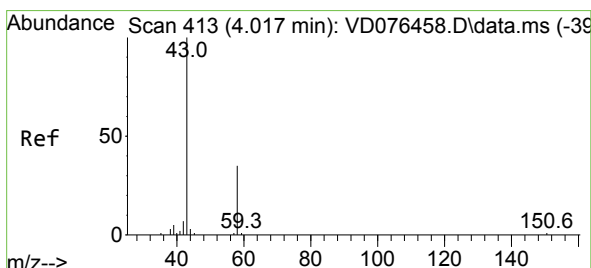
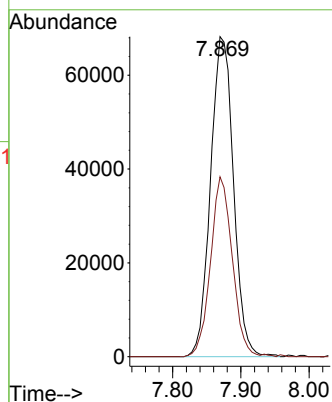
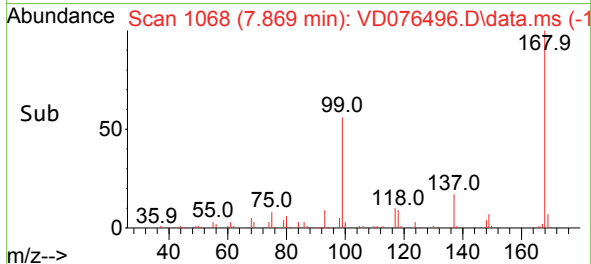


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

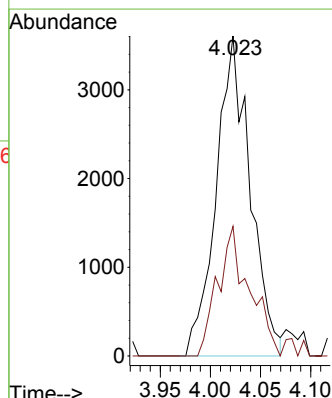
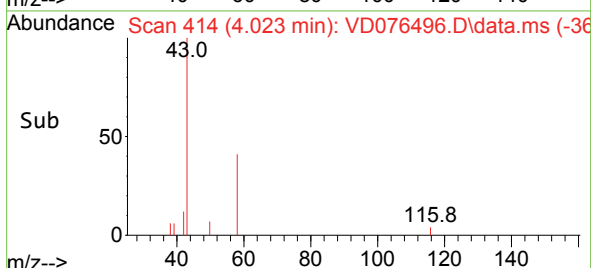
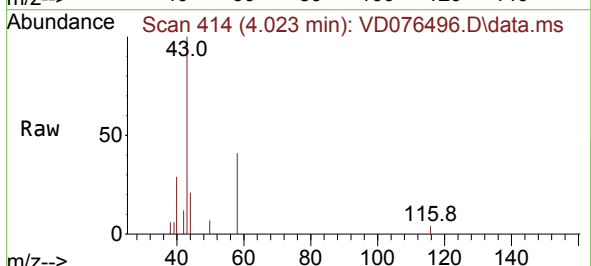


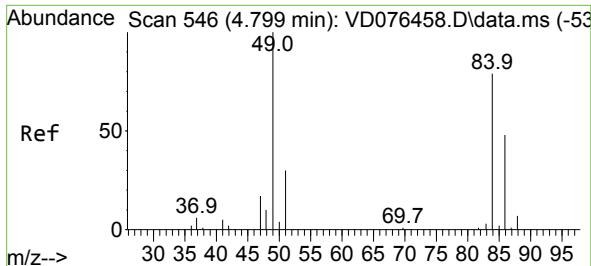
Tgt Ion:168 Resp: 159909
Ion Ratio Lower Upper
168 100
99 56.2 36.7 55.1#



#16
Acetone
Concen: 22.319 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

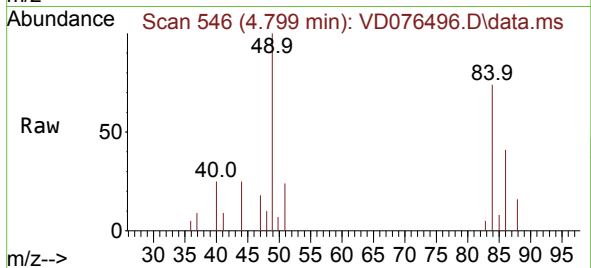
Tgt Ion: 43 Resp: 8509
Ion Ratio Lower Upper
43 100
58 40.5 34.7 52.1





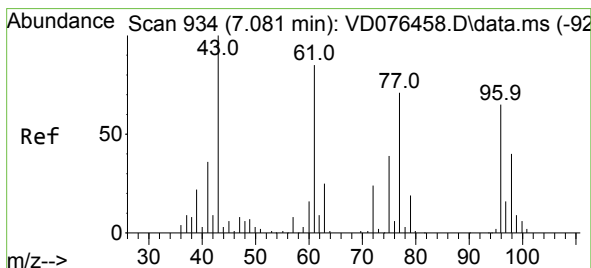
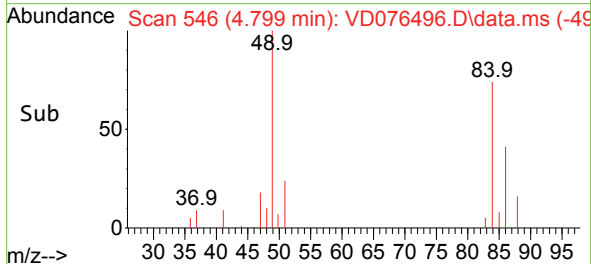
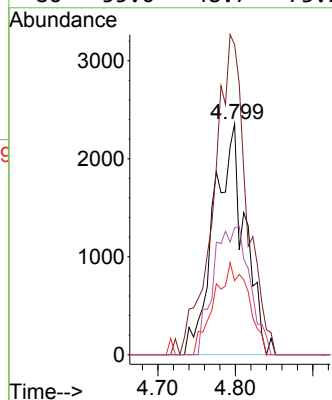
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0



Tgt Ion: 84 Resp: 6623

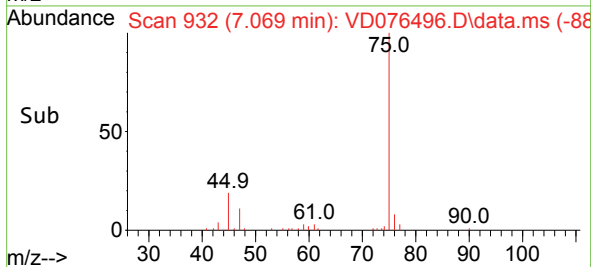
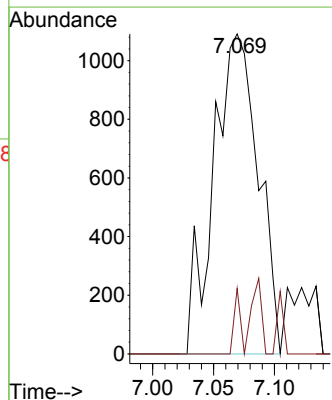
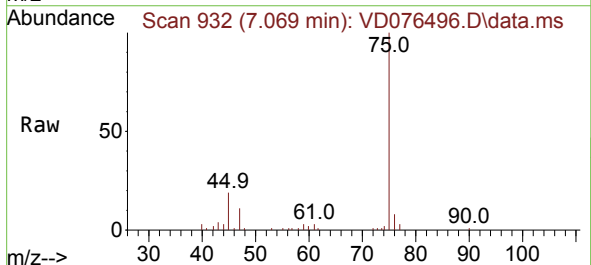
Ion	Ratio	Lower	Upper
84	100		
49	134.5	71.4	107.2#
51	32.1	24.5	36.7
86	55.0	48.7	73.1

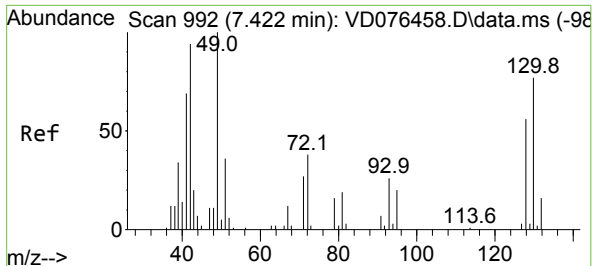


#25
2-Butanone
Concen: 4.733 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Tgt Ion: 43 Resp: 2791

Ion	Ratio	Lower	Upper
43	100		
72	20.4	30.7	46.1#

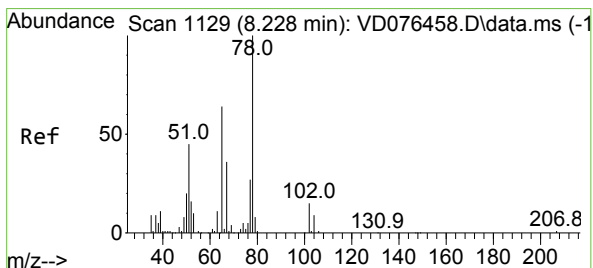
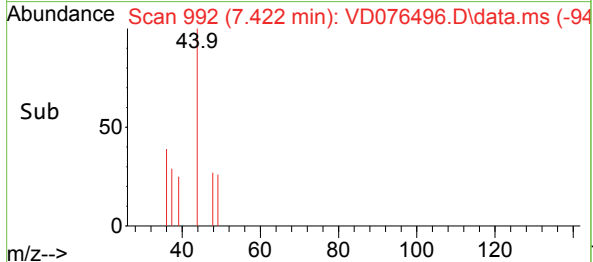
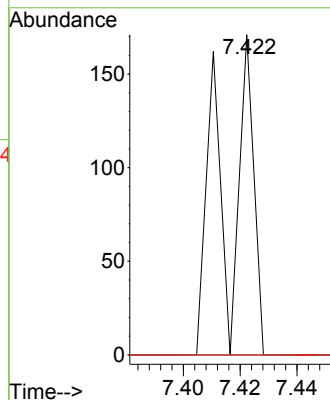
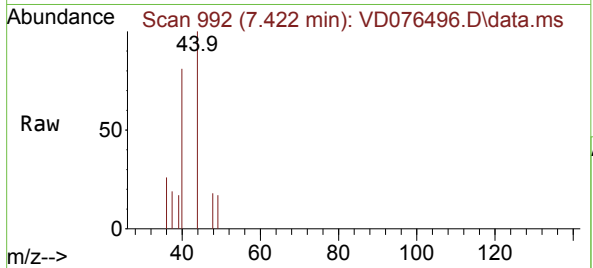




#28
Bromochloromethane
Concen: Below Cal
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

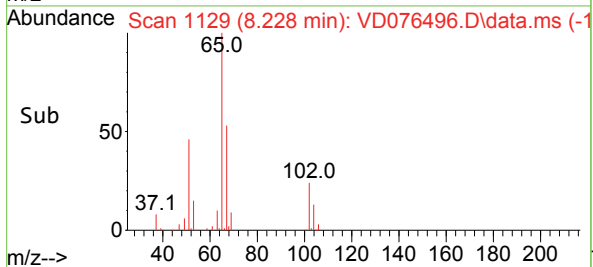
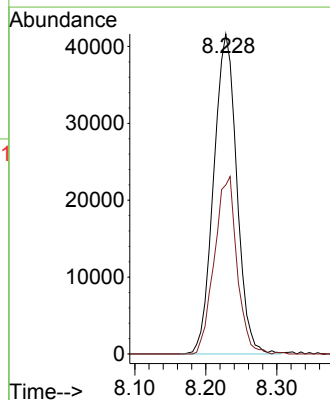
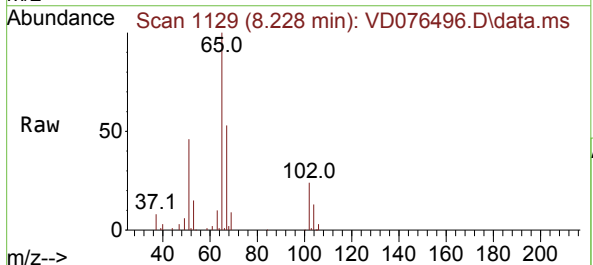
Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

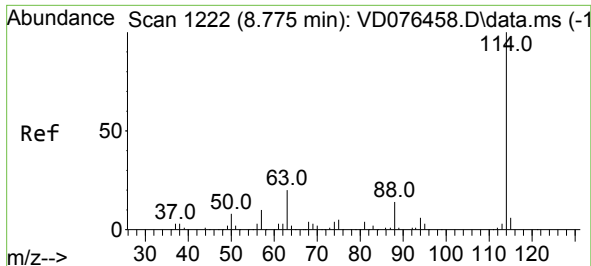
Tgt Ion: 49 Resp: 118
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 58.566 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Tgt Ion: 65 Resp: 93832
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-07-0-2.0

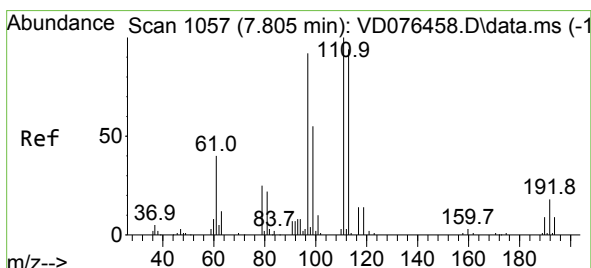
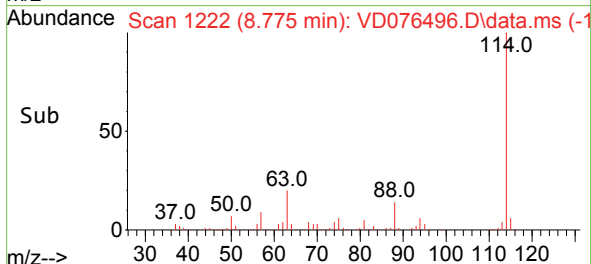
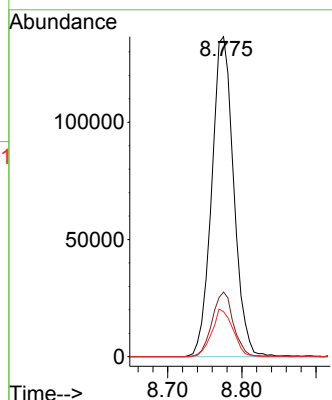
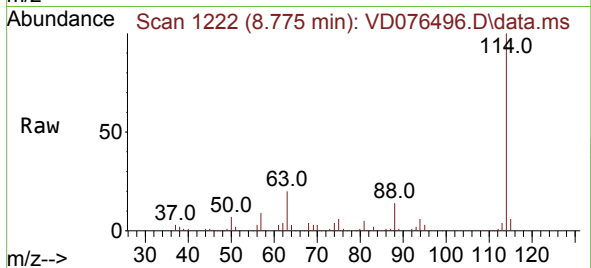
Tgt Ion:114 Resp: 281569

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 55.870 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

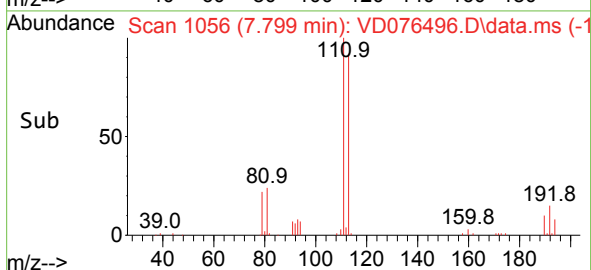
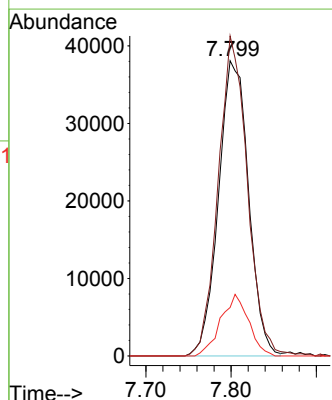
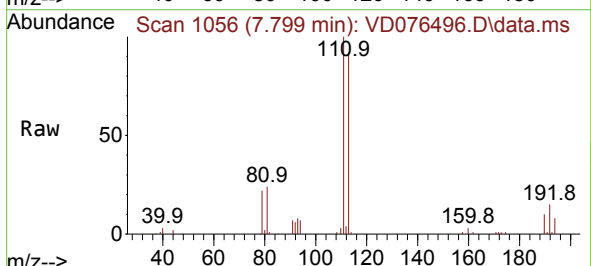
Tgt Ion:113 Resp: 93454

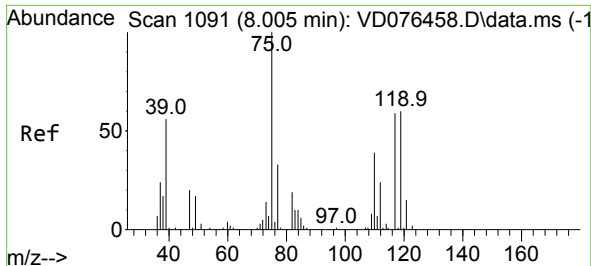
Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 19.4 16.8 25.2

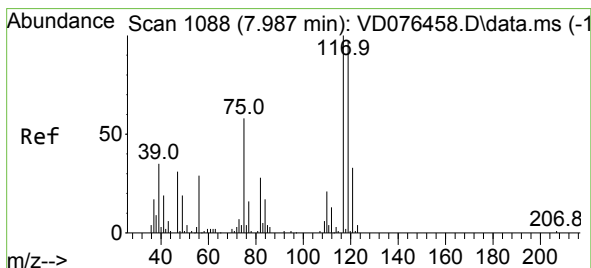
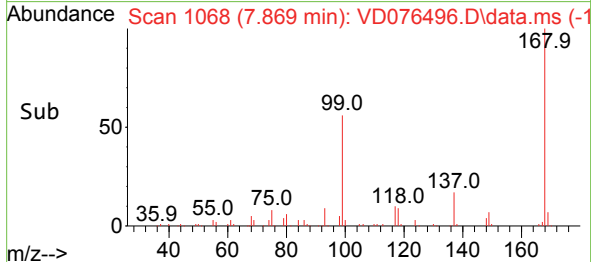
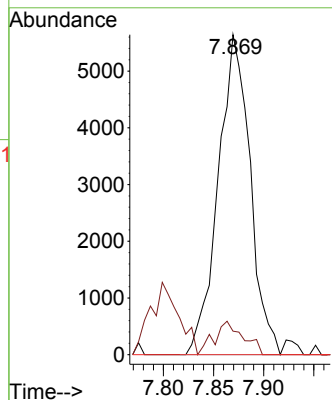
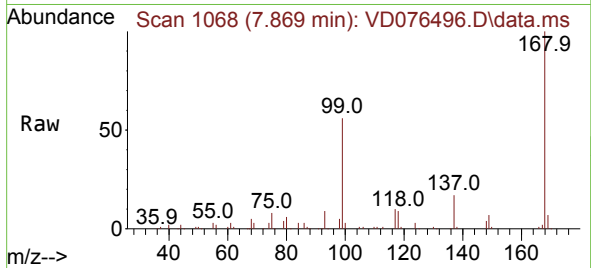




#36
1,1-Dichloropropene
Concen: 5.321 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

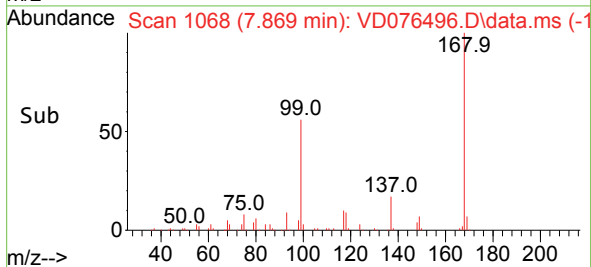
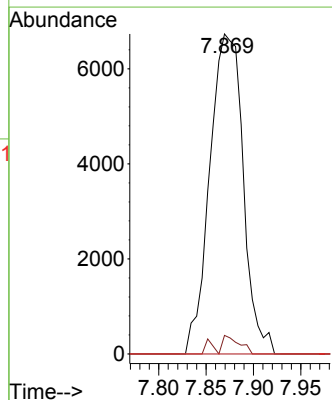
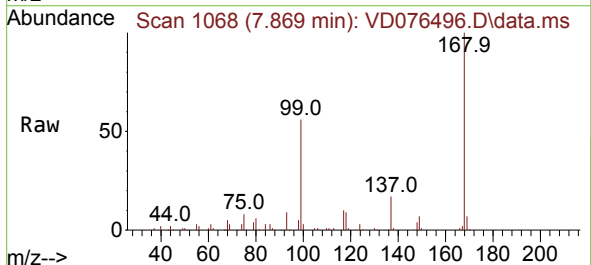
Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

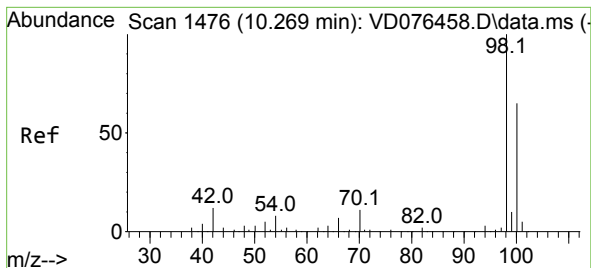
Tgt Ion: 75 Resp: 12465
Ion Ratio Lower Upper
75 100
110 9.5 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.902 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Tgt Ion: 117 Resp: 16545
Ion Ratio Lower Upper
117 100
119 5.8 78.0 117.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 53.005 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

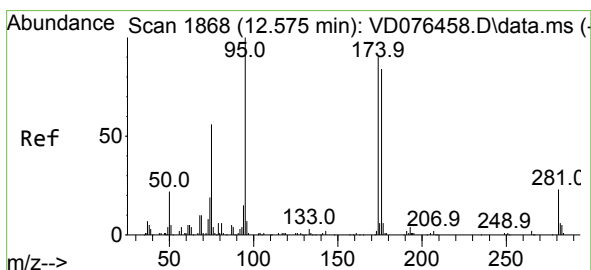
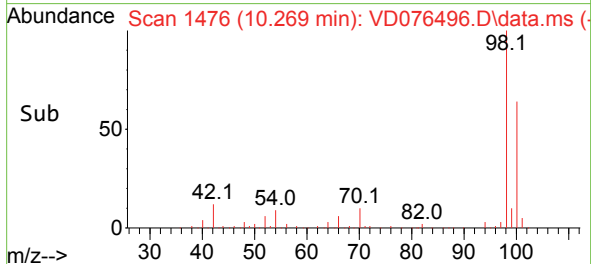
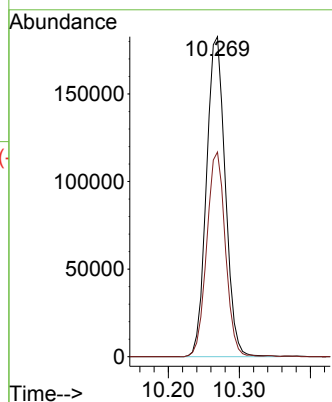
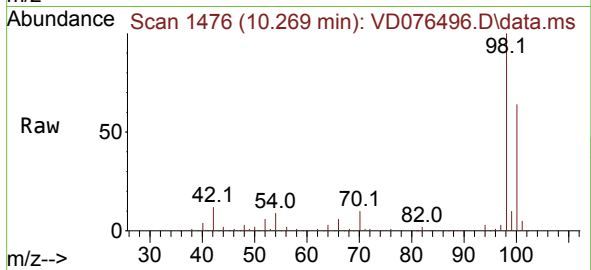
SB-07-0-2.0

Tgt Ion: 98 Resp: 336247

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.120 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076496.D

Acq: 20 Jun 2023 17:17

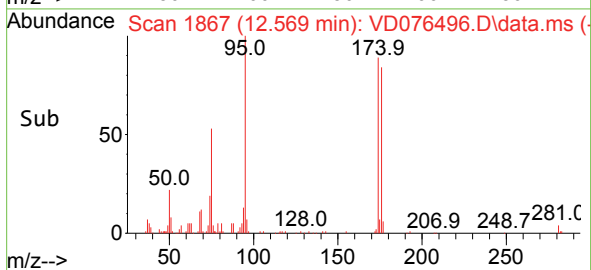
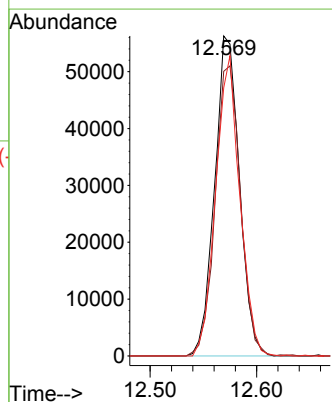
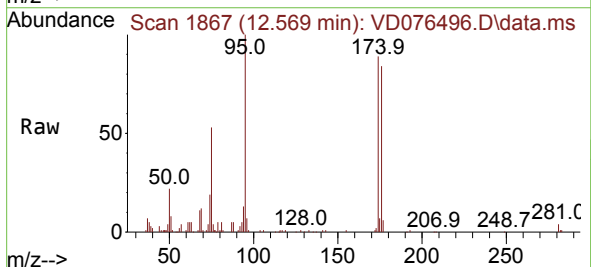
Tgt Ion: 95 Resp: 90835

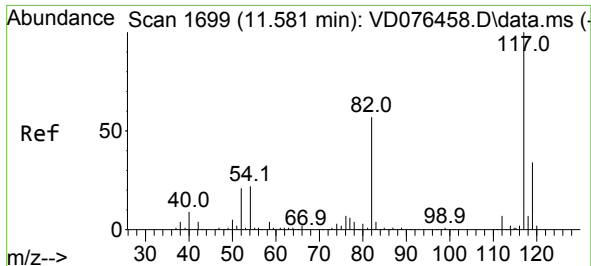
Ion Ratio Lower Upper

95 100

174 92.4 0.0 201.8

176 91.3 0.0 191.8

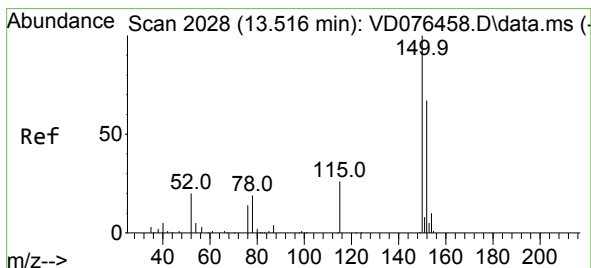
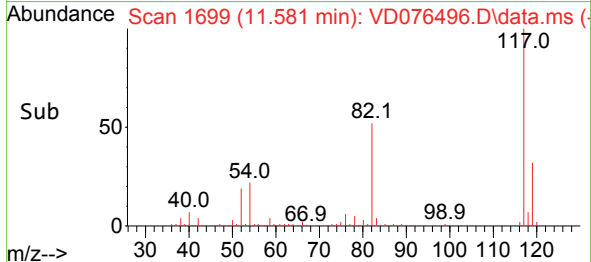
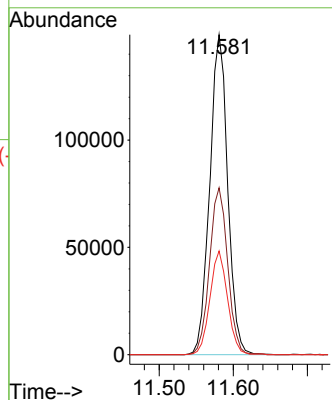
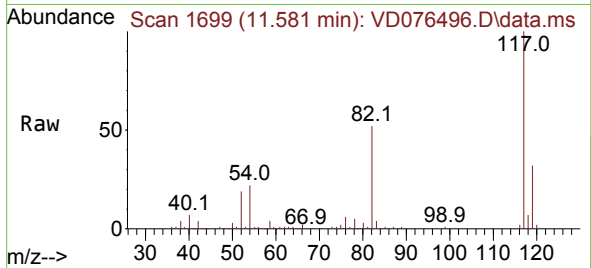




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

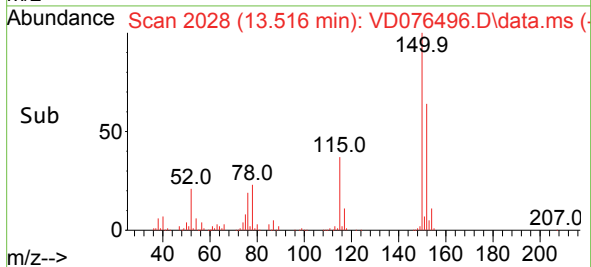
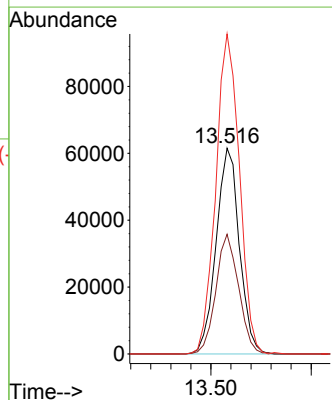
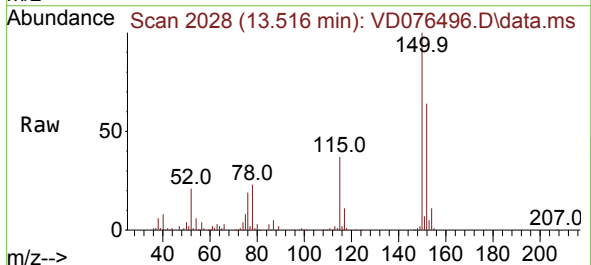
Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

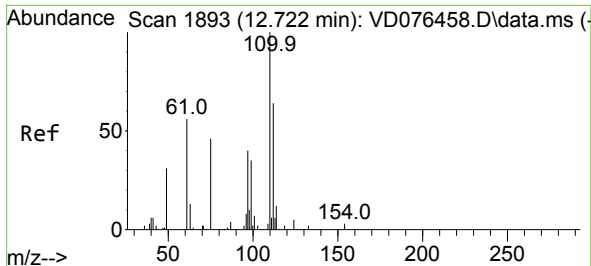
Tgt Ion:117 Resp: 250794
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Tgt Ion:152 Resp: 98892
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 158.3 0.0 353.6

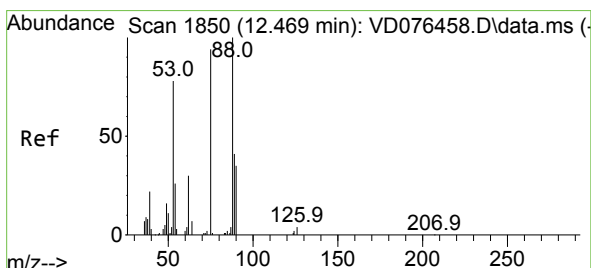
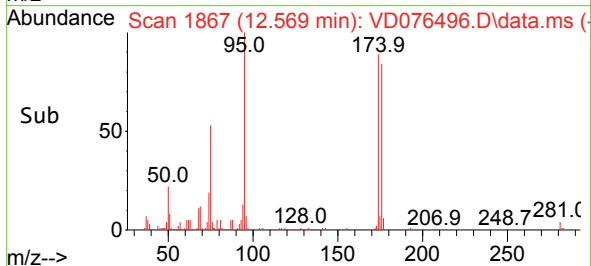
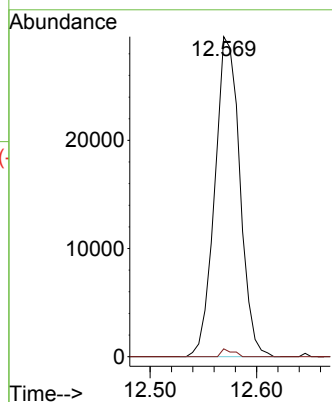
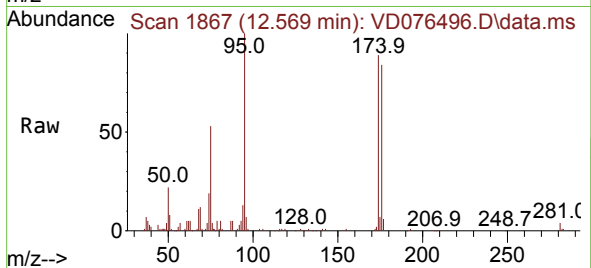




#76
1,2,3-Trichloropropane
Concen: 49.182 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

Tgt Ion: 75 Resp: 48271
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.769 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076496.D
Acq: 20 Jun 2023 17:17

Tgt Ion: 75 Resp: 48271
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

