

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076487.D
 Acq On : 20 Jun 2023 12:46
 Operator : KP/SY
 Sample : 03289-16
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-12.0-14.0

Quant Time: Jun 21 06:45:01 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)

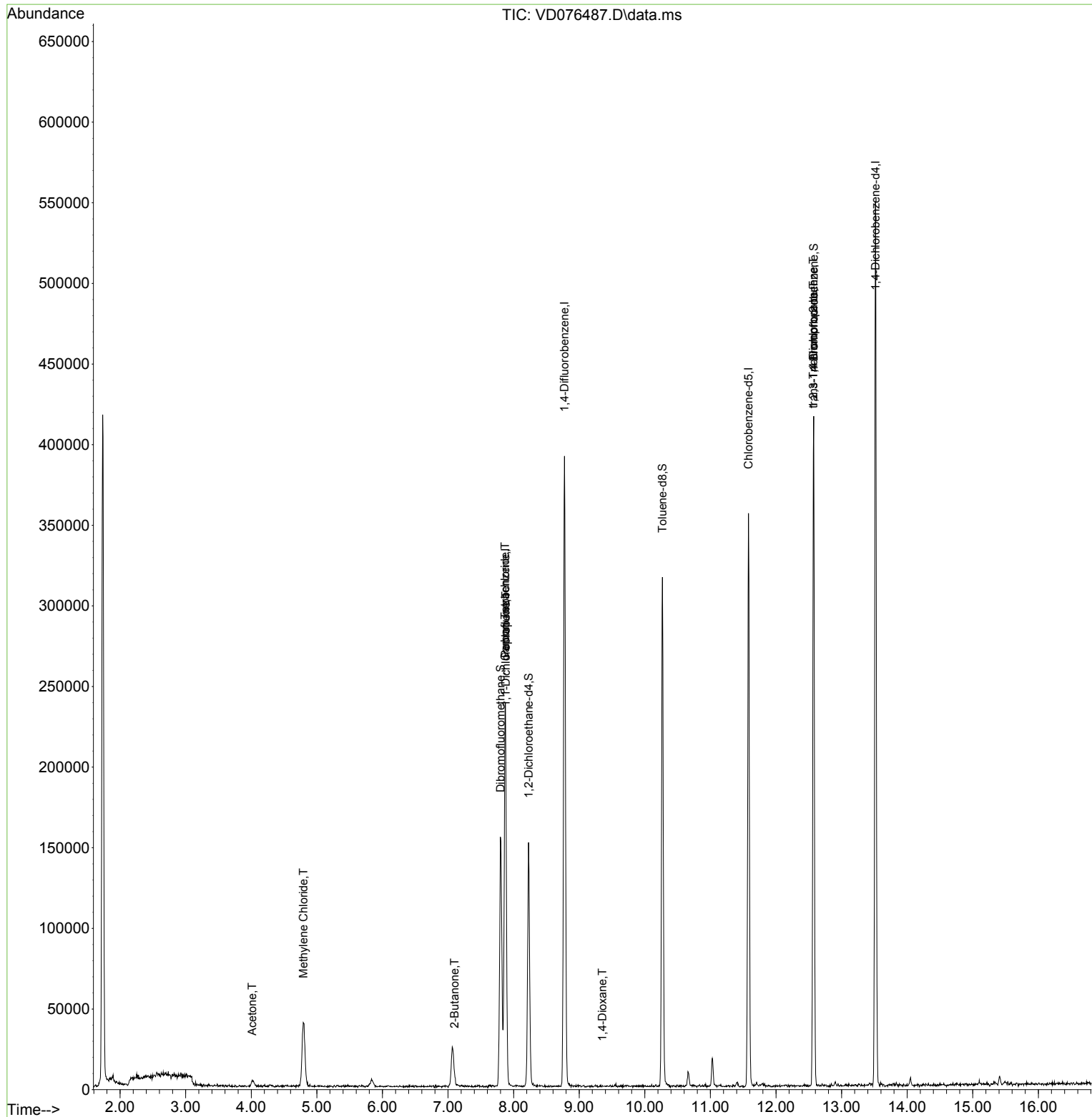
Internal Standards						
1) Pentafluorobenzene	7.875	168	191040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	346068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102098	53.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.799	113	107612	52.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.269	98	213802	27.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 54.840%#	
62) 4-Bromofluorobenzene	12.575	95	121441	47.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	6550	14.381	ug/l #	75
20) Methylene Chloride	4.793	84	30359	4.882	ug/l	91
25) 2-Butanone	7.099	43	1666	2.365	ug/l #	37
36) 1,1-Dichloropropene	7.881	75	14877	5.167	ug/l #	48
38) Carbon Tetrachloride	7.869	117	18010	6.999	ug/l #	15
49) 1,4-Dioxane	9.352	88	56	3.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	64438	46.030	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	64438	100.863	ug/l #	17

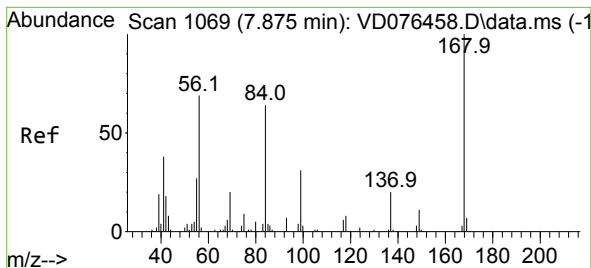
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076487.D

Acq: 20 Jun 2023 12:46

Instrument :

MSVOA_D

ClientSampleId :

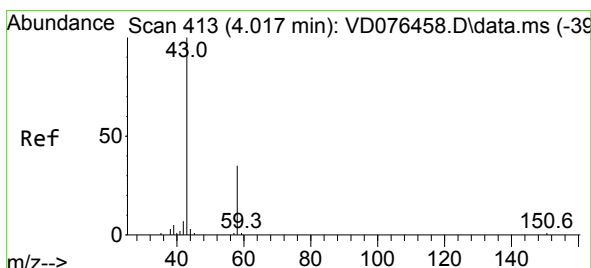
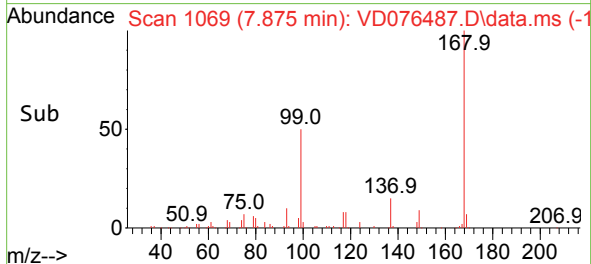
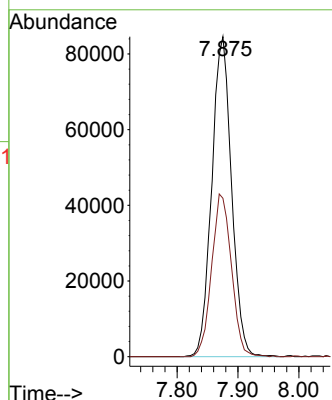
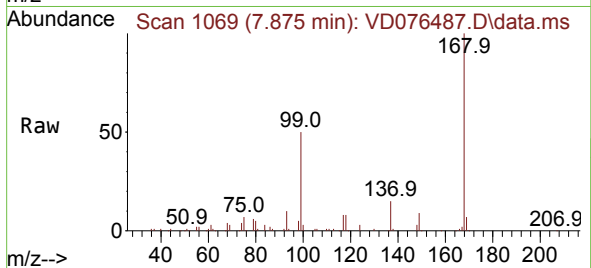
SB-06-12.0-14.0

Tgt Ion:168 Resp: 191040

Ion Ratio Lower Upper

168 100

99 49.5 36.7 55.1



#16

Acetone

Concen: 14.381 ug/l

RT: 4.017 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD076487.D

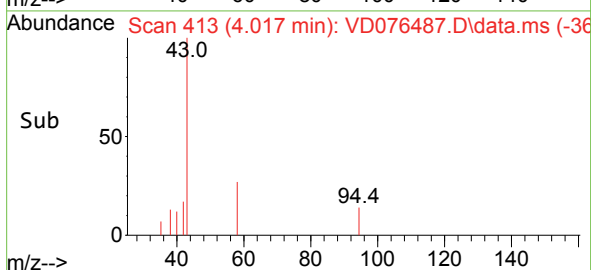
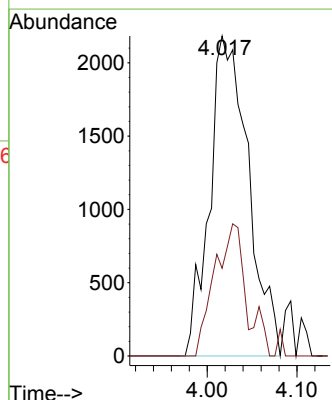
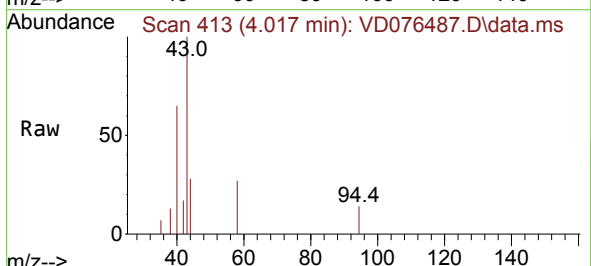
Acq: 20 Jun 2023 12:46

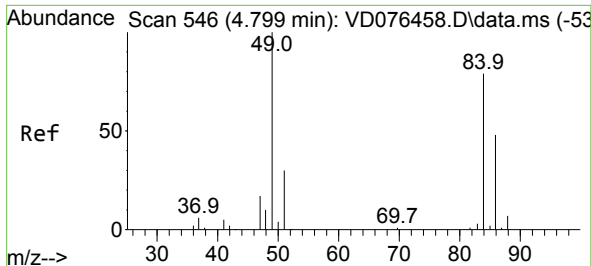
Tgt Ion: 43 Resp: 6550

Ion Ratio Lower Upper

43 100

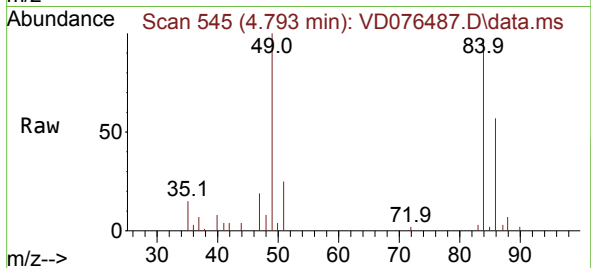
58 27.4 34.7 52.1#





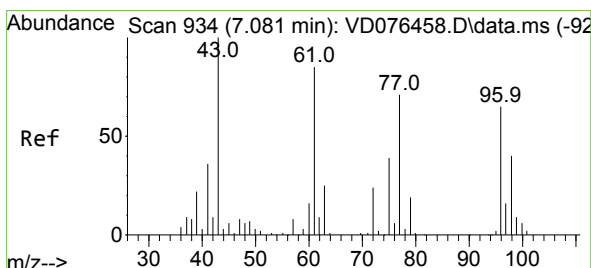
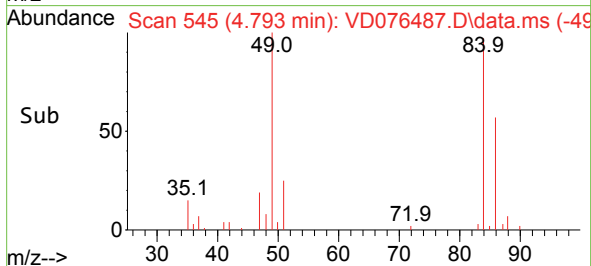
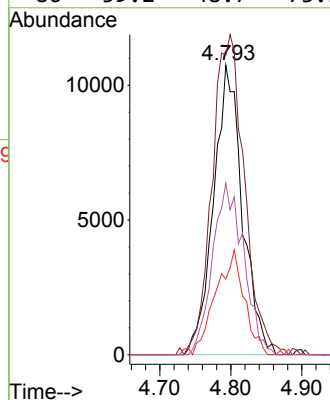
#20
Methylene Chloride
Concen: 4.882 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Instrument :
MSVOA_D
ClientSampleId :
SB-06-12.0-14.0



Tgt Ion: 84 Resp: 30359

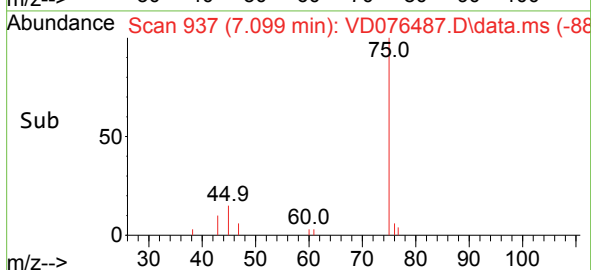
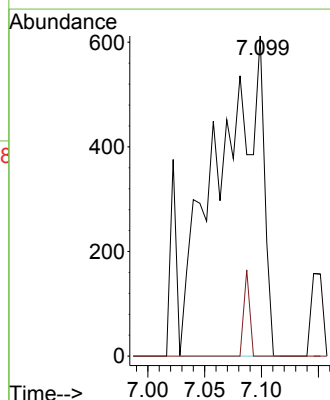
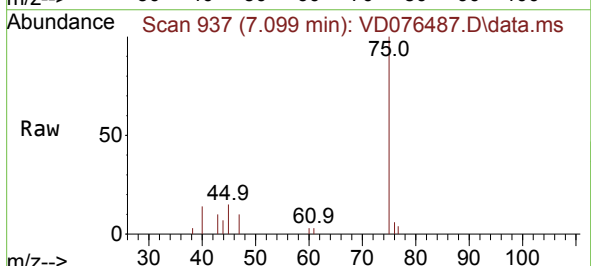
Ion	Ratio	Lower	Upper
84	100		
49	101.6	71.4	107.2
51	26.1	24.5	36.7
86	59.2	48.7	73.1

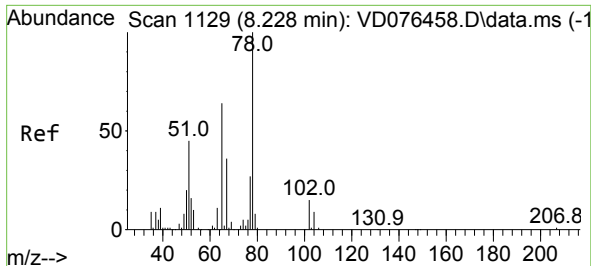


#25
2-Butanone
Concen: 2.365 ug/l
RT: 7.099 min Scan# 937
Delta R.T. 0.018 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Tgt Ion: 43 Resp: 1666

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#





#33

1,2-Dichloroethane-d4

Concen: 53.341 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076487.D

Acq: 20 Jun 2023 12:46

Instrument :

MSVOA_D

ClientSampleId :

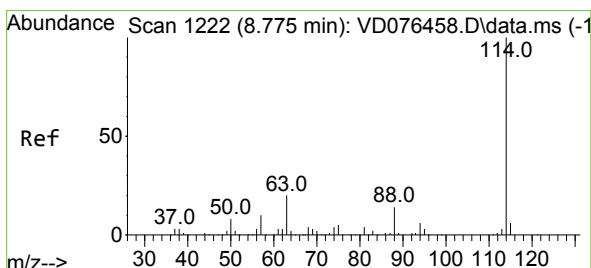
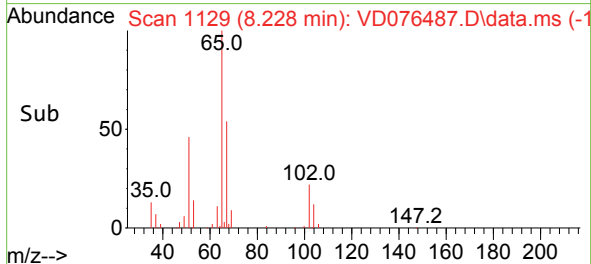
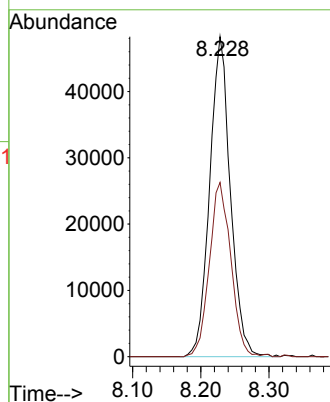
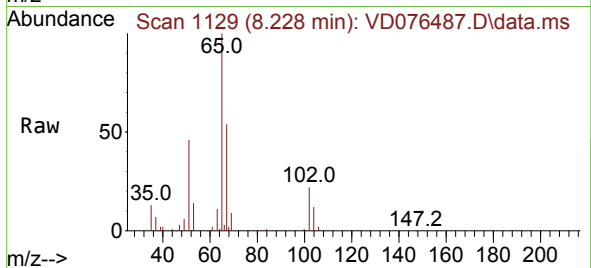
SB-06-12.0-14.0

Tgt Ion: 65 Resp: 102098

Ion Ratio Lower Upper

65 100

67 56.3 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: VD076487.D

Acq: 20 Jun 2023 12:46

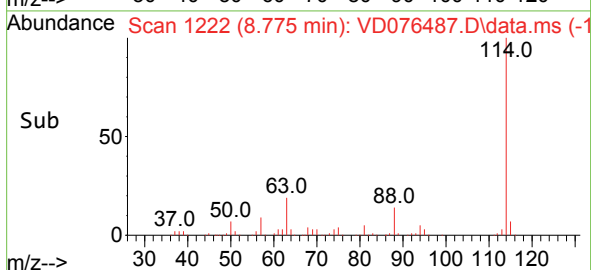
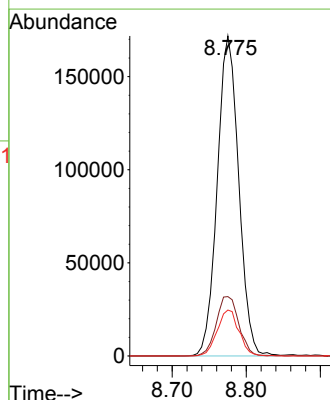
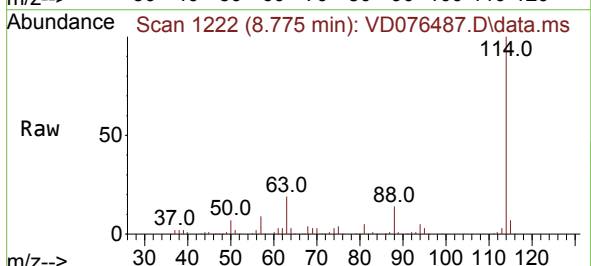
Tgt Ion: 114 Resp: 346068

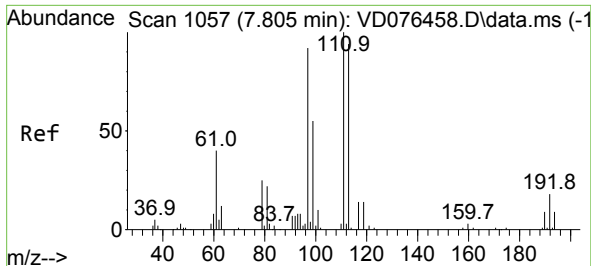
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

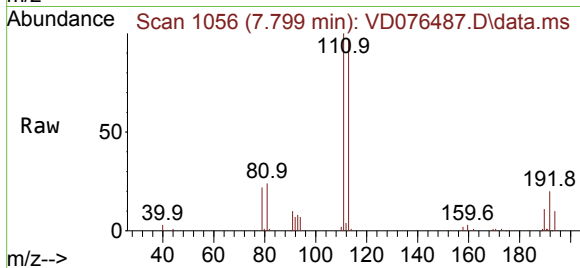
88 14.3 0.0 26.2



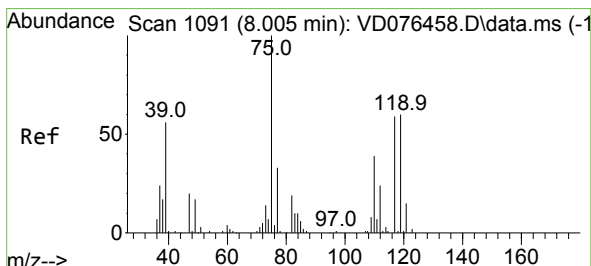
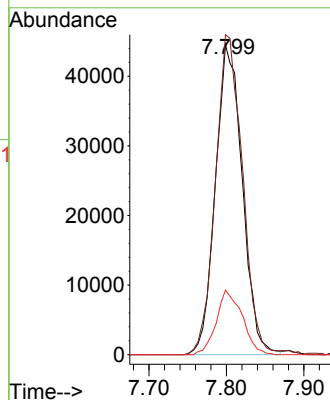
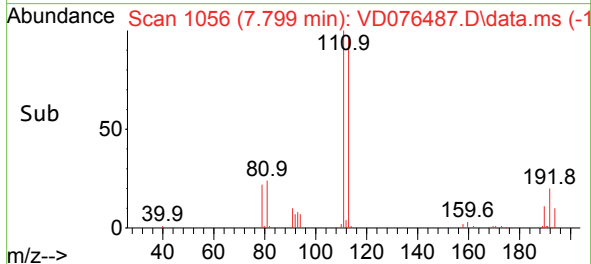


#35
 Dibromofluoromethane
 Concen: 52.344 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076487.D
 Acq: 20 Jun 2023 12:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-12.0-14.0

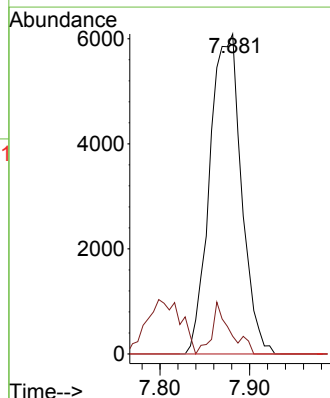
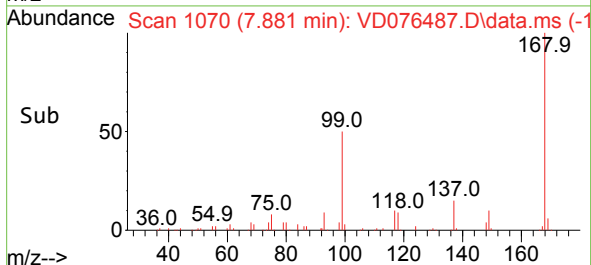
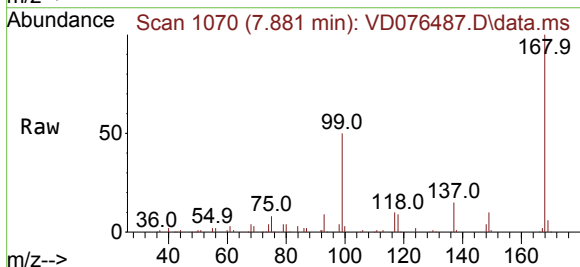


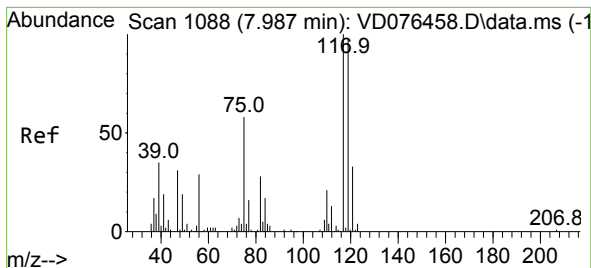
Tgt Ion:113 Resp: 107612
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.7 127.1
 192 20.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 5.167 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.124 min
 Lab File: VD076487.D
 Acq: 20 Jun 2023 12:46

Tgt Ion: 75 Resp: 14877
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.9 59.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.999 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD076487.D

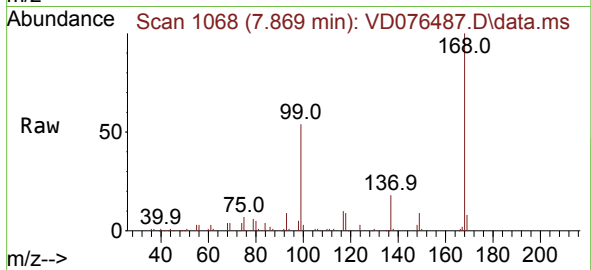
Acq: 20 Jun 2023 12:46

Instrument :

MSVOA_D

ClientSampleId :

SB-06-12.0-14.0



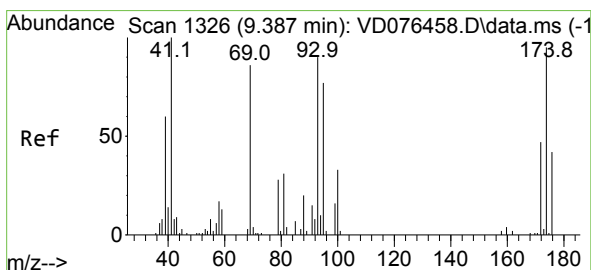
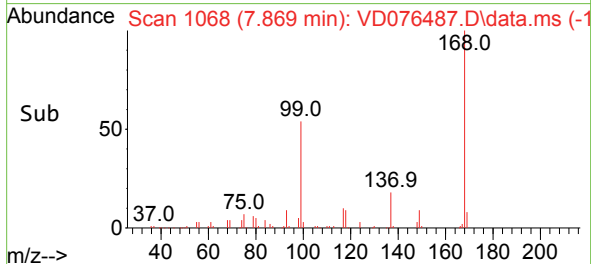
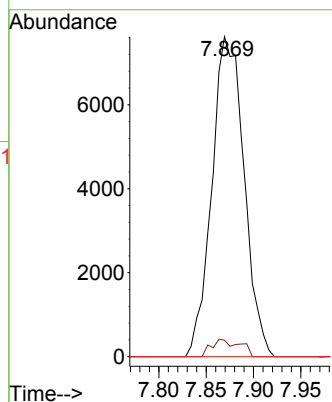
Tgt Ion:117 Resp: 18010

Ion Ratio Lower Upper

117 100

119 5.1 78.0 117.0#

121 0.0 24.2 36.2#



#49

1,4-Dioxane

Concen: 3.665 ug/l

RT: 9.352 min Scan# 1320

Delta R.T. -0.035 min

Lab File: VD076487.D

Acq: 20 Jun 2023 12:46

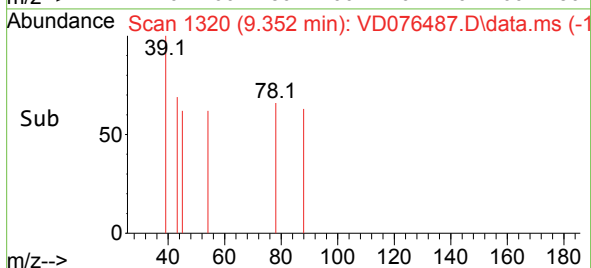
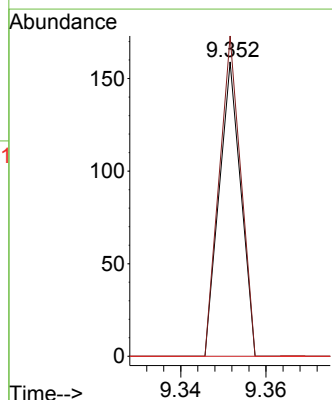
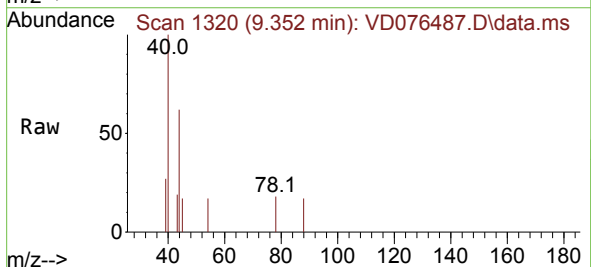
Tgt Ion: 88 Resp: 56

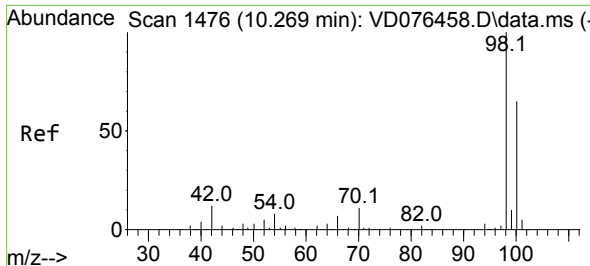
Ion Ratio Lower Upper

88 100

43 108.9 19.0 28.6#

58 0.0 43.5 65.3#

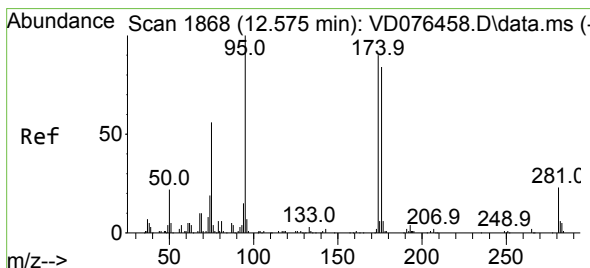
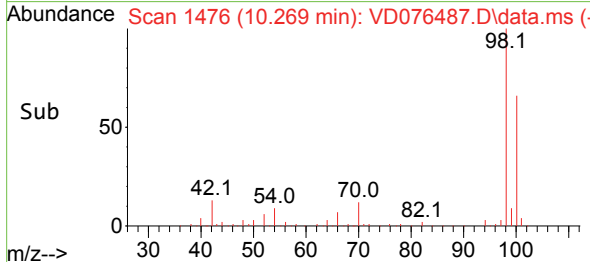
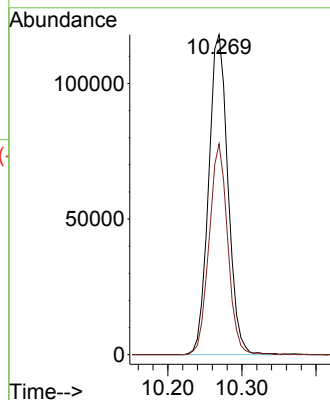
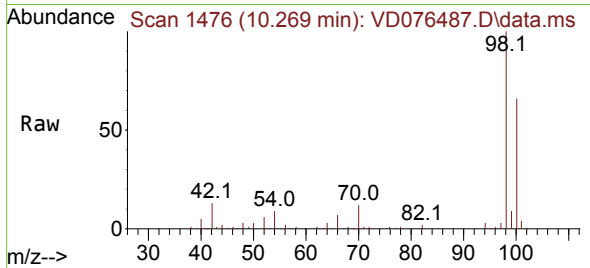




#50
Toluene-d8
Concen: 27.422 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

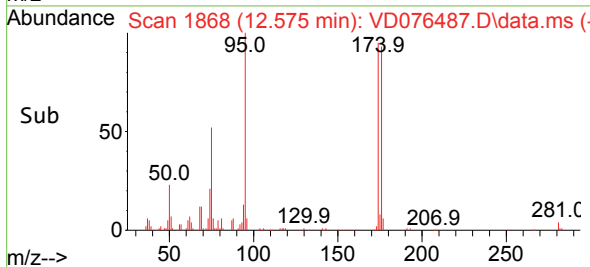
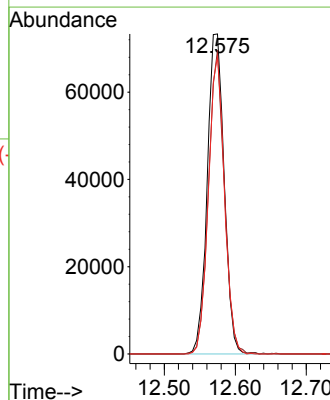
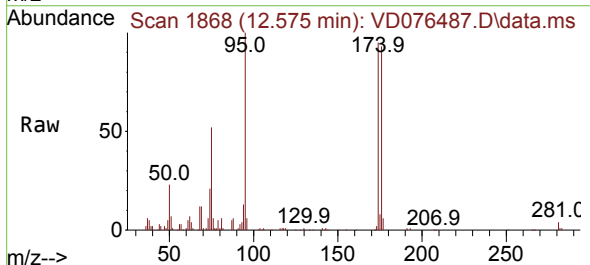
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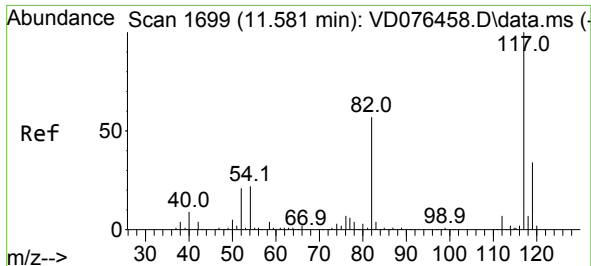
Tgt Ion: 98 Resp: 213802
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Tgt Ion: 95 Resp: 121441
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 88.4 0.0 191.8

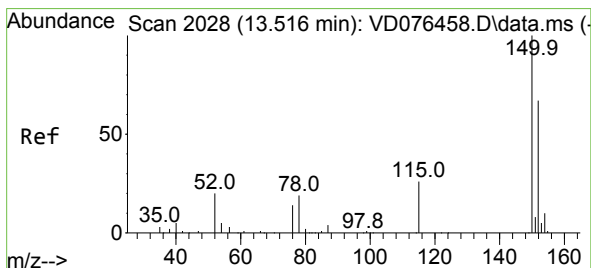
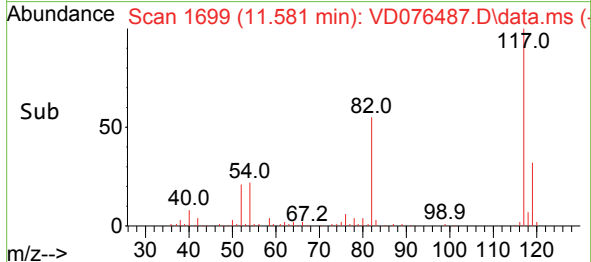
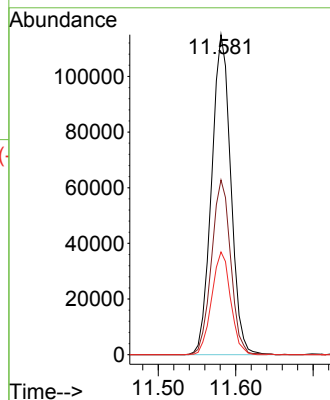
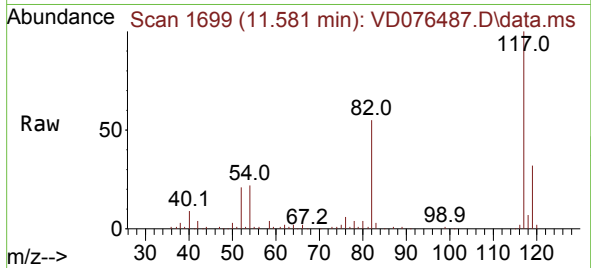




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

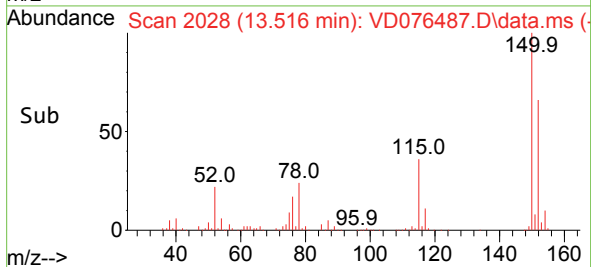
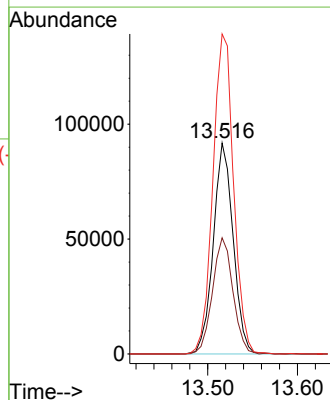
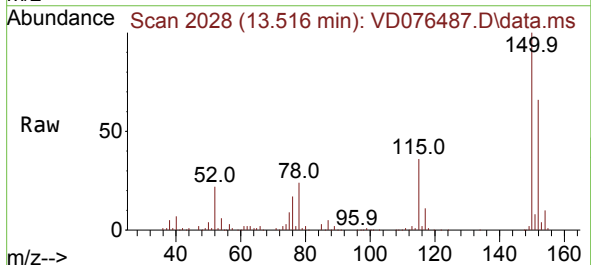
Instrument :
MSVOA_D
ClientSampleId :
SB-06-12.0-14.0

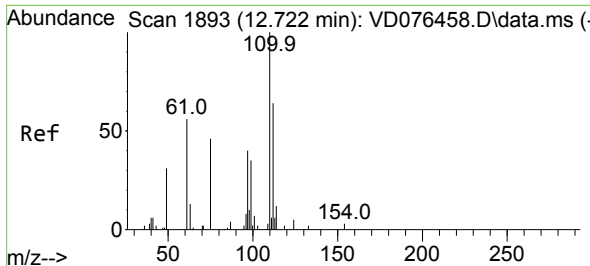
Tgt Ion:117 Resp: 198104
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Tgt Ion:152 Resp: 141052
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 157.8 0.0 353.6

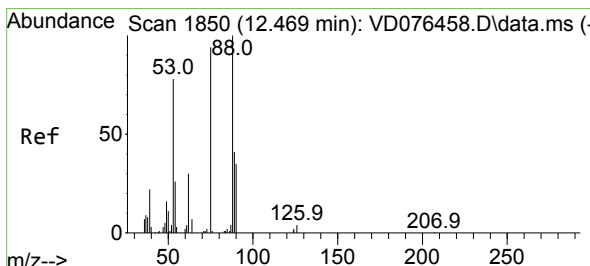
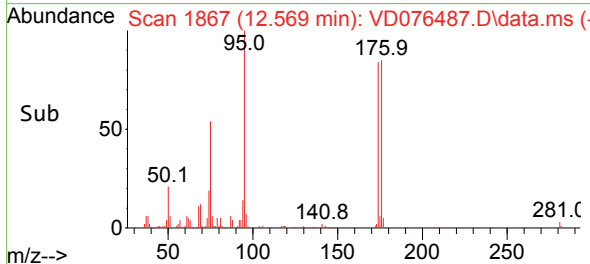
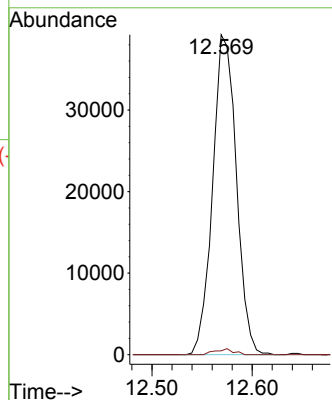
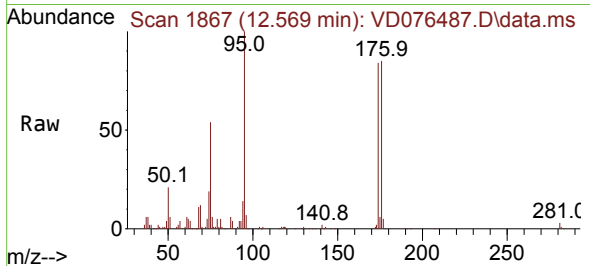




#76
1,2,3-Trichloropropane
Concen: 46.030 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Instrument :
MSVOA_D
ClientSampleId :
SB-06-12.0-14.0

Tgt Ion: 75 Resp: 64438
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.863 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Tgt Ion: 75 Resp: 64438
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

