

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014068.D
 Acq On : 07 Jun 2023 18:26
 Operator : KP/MD
 Sample : 03044-06RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.0-7.0RE

Quant Time: Jun 08 02:34:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

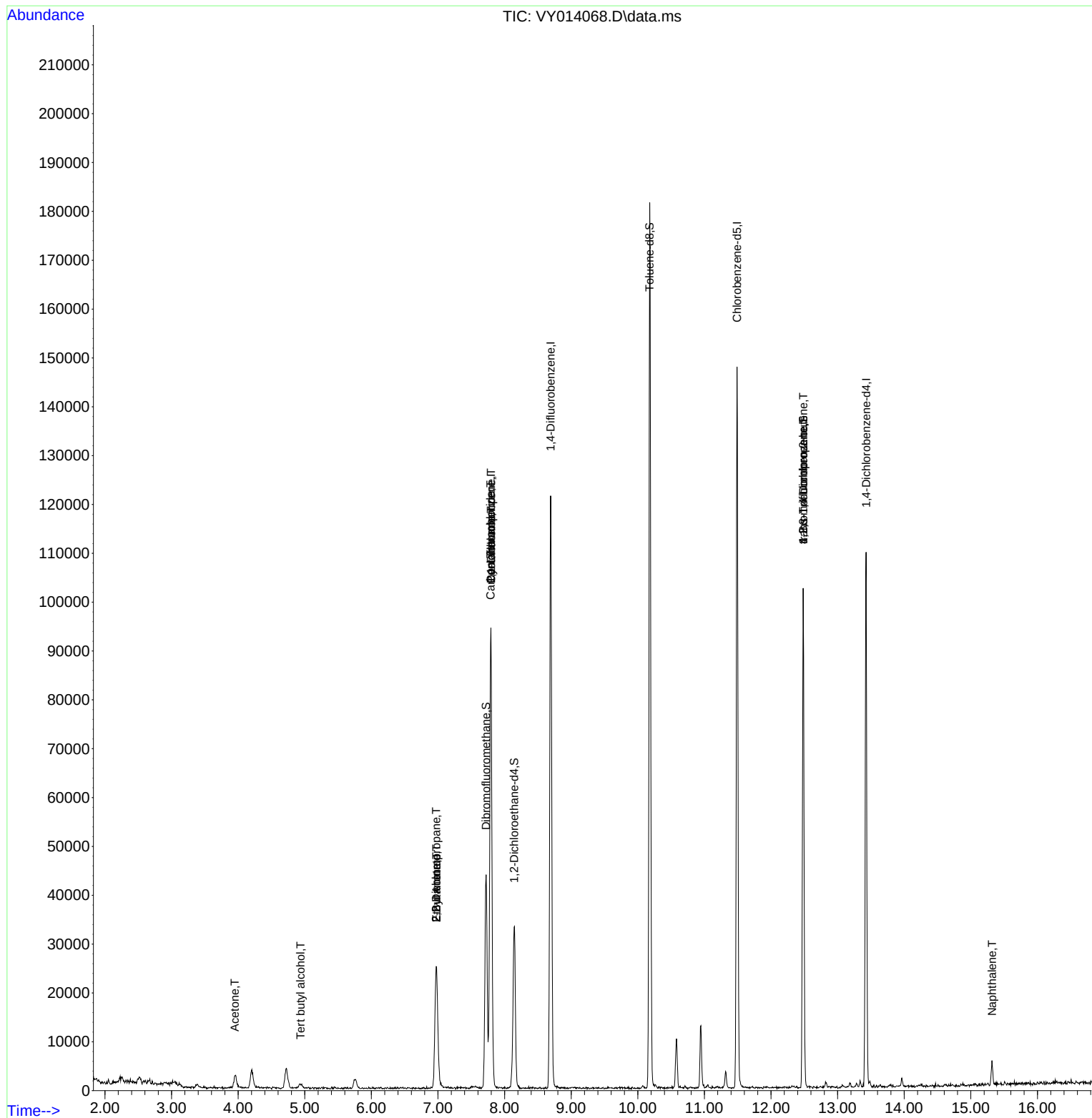
Internal Standards						
1) Pentafluorobenzene	7.795	168	73579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	102473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27972	28.718	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	57.440%		
35) Dibromofluoromethane	7.722	113	30344	46.595	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.200%		
50) Toluene-d8	10.179	98	119183	47.979	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.960%		
62) 4-Bromofluorobenzene	12.483	95	26211	30.951	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	61.900%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.936	59	1202	6.005	ug/l #	89
16) Acetone	3.948	43	5122	15.370	ug/l	97
20) Methylene Chloride	4.722	84	2657	Below Cal	#	86
25) 2-Butanone	6.978	43	1585	3.818	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	2030	1.506	ug/l #	54
31) Cyclohexane	7.795	56	1739	1.483	ug/l #	48
36) 1,1-Dichloropropene	7.795	75	5973	6.438	ug/l #	49
37) Ethyl Acetate	6.978	43	1585	1.959	ug/l #	1
38) Carbon Tetrachloride	7.789	117	7007	6.740	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	14024	36.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14024	76.842	ug/l #	11
95) Naphthalene	15.318	128	61	3.923	ug/l #	69

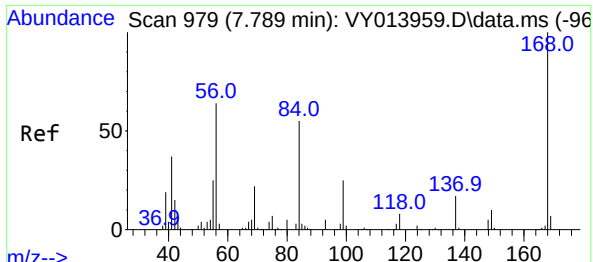
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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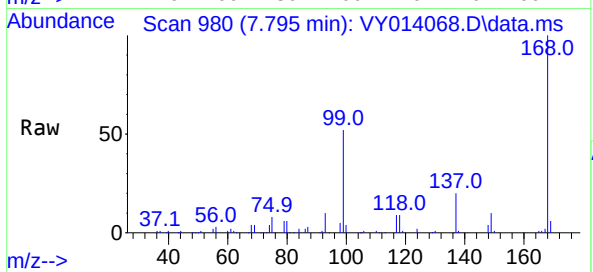
Quant Time: Jun 08 02:34:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
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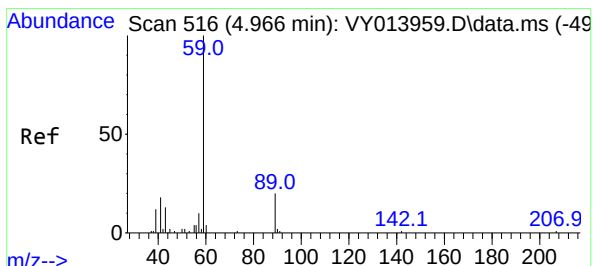
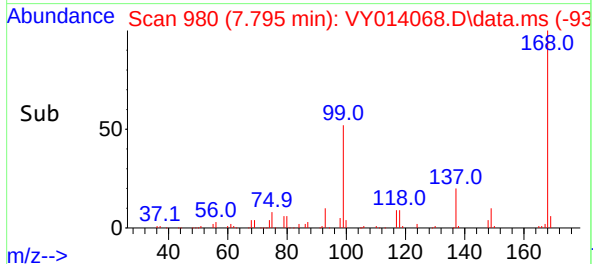
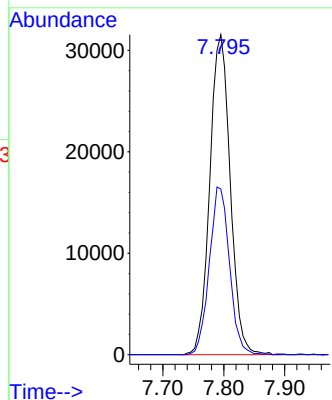


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

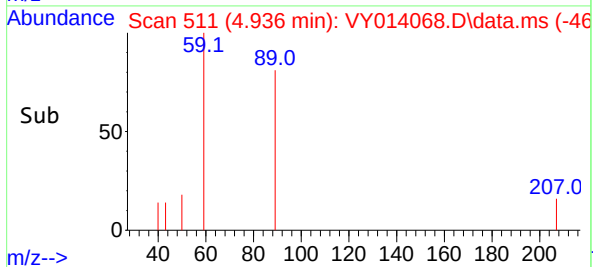
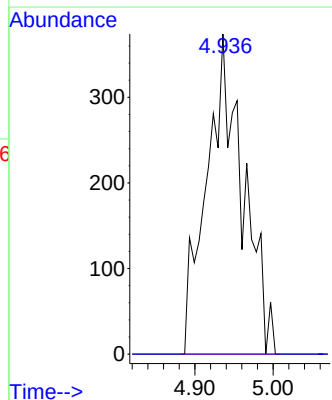
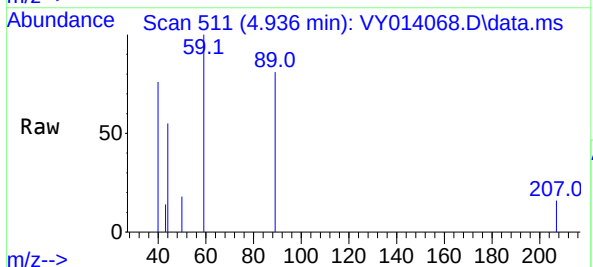


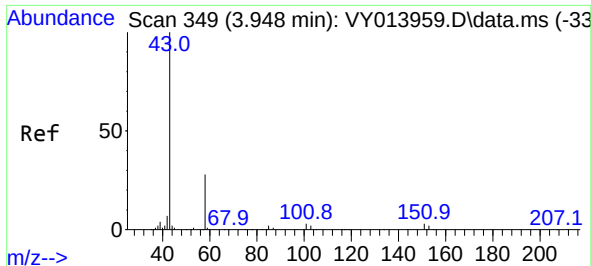
Tgt Ion:168 Resp: 73579
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.005 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 59 Resp: 1202
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

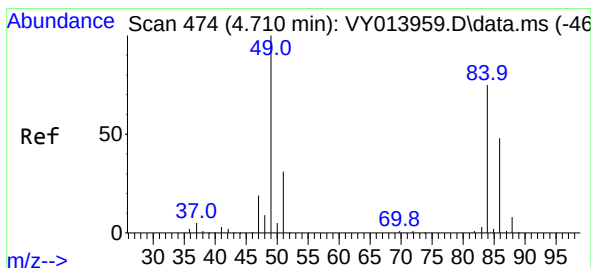
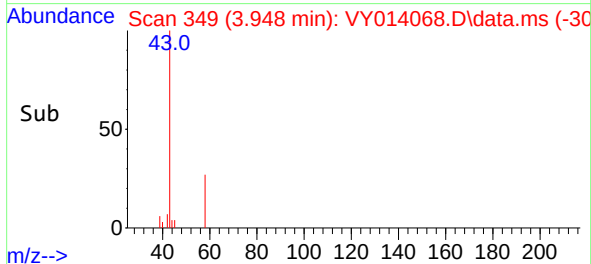
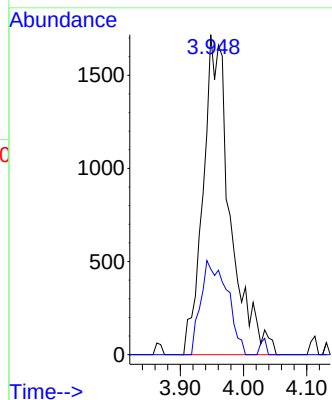
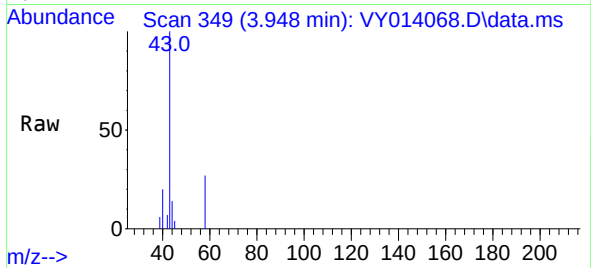




#16
Acetone
Concen: 15.370 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

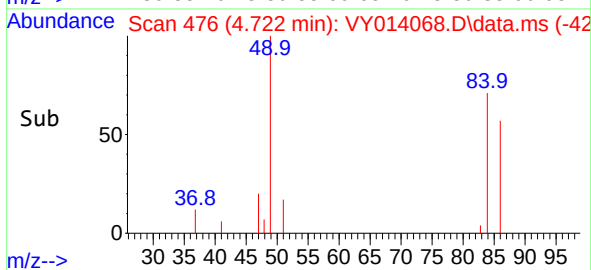
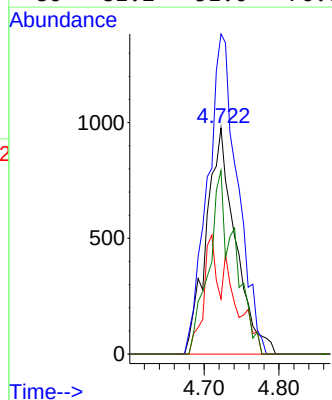
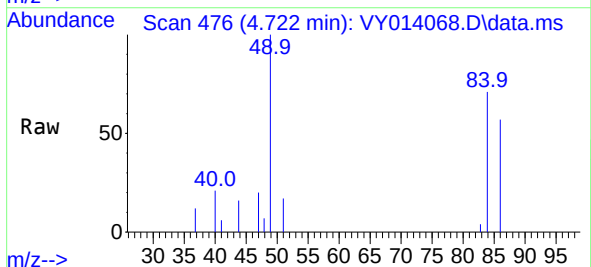
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

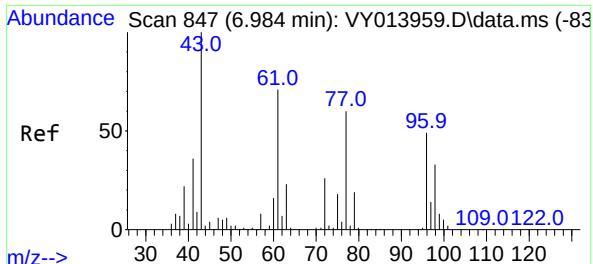
Tgt Ion: 43 Resp: 5122
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 84 Resp: 2657
Ion Ratio Lower Upper
84 100
49 141.6 106.9 160.3
51 24.4 33.2 49.8#
86 81.2 51.0 76.6#





#25

2-Butanone

Concen: 3.818 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014068.D

Acq: 07 Jun 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

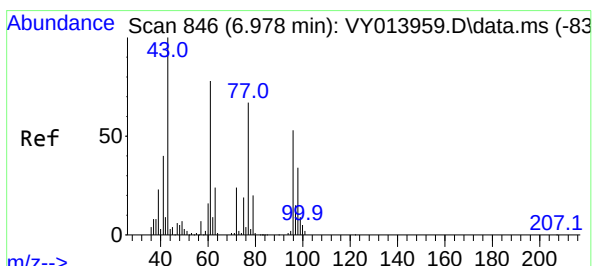
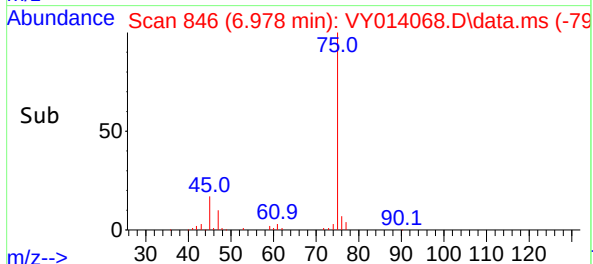
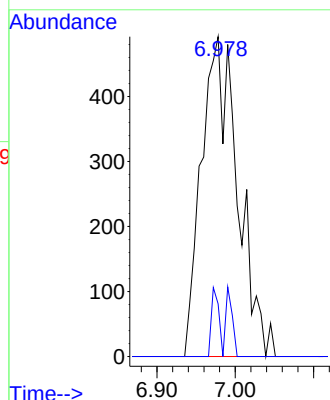
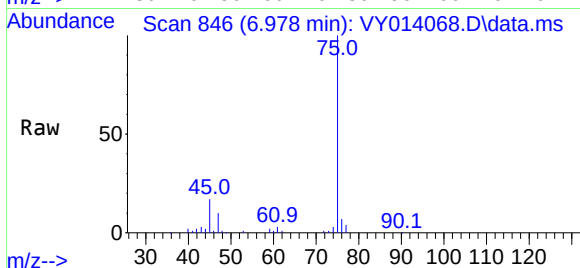
SB-03-5.0-7.0RE

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

43 100

72 16.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.506 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014068.D

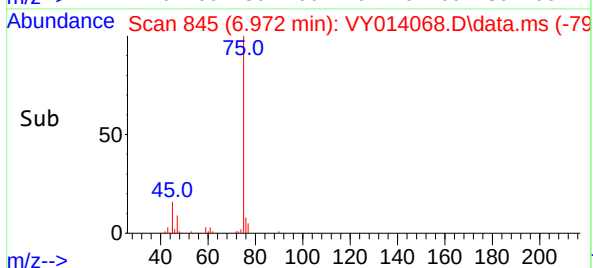
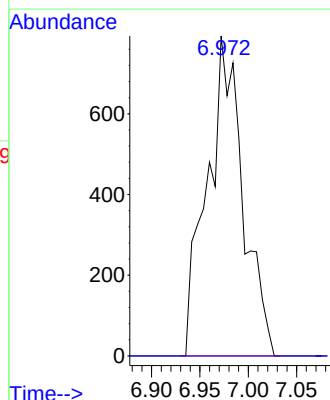
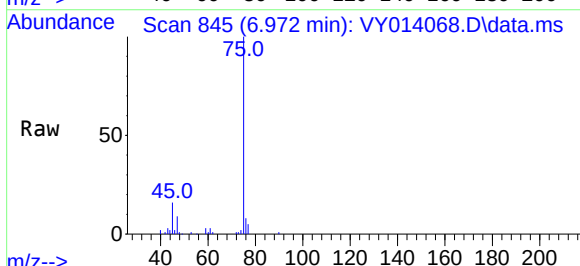
Acq: 07 Jun 2023 18:26

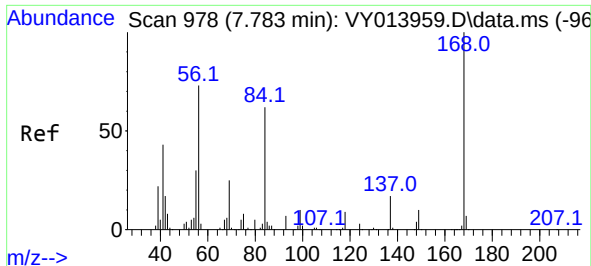
Tgt Ion: 77 Resp: 2030

Ion Ratio Lower Upper

77 100

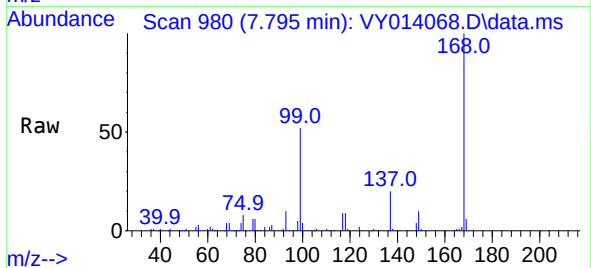
97 0.0 10.9 32.9#



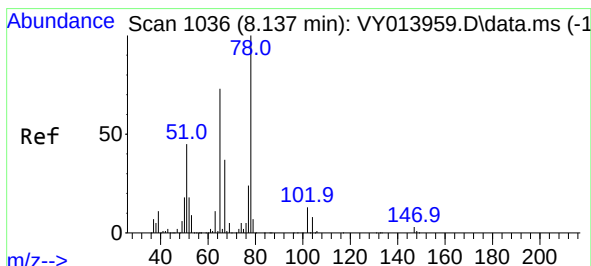
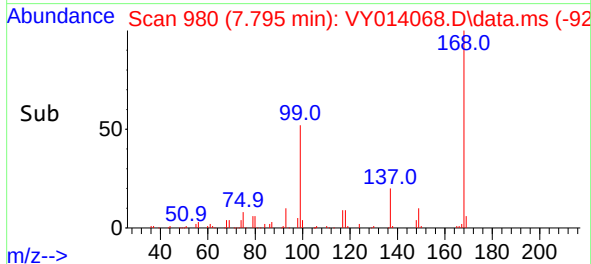
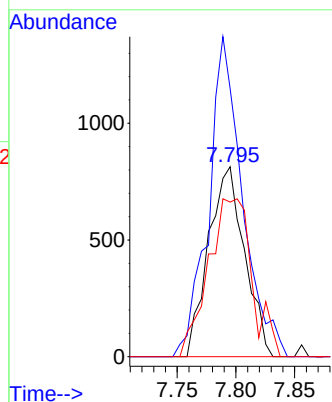


#31
Cyclohexane
Concen: 1.483 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

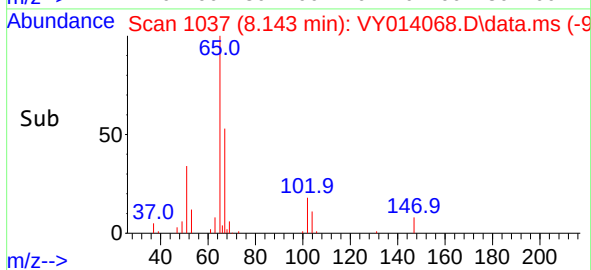
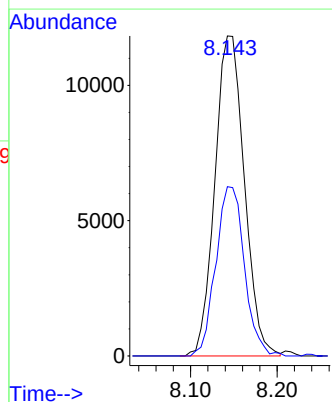
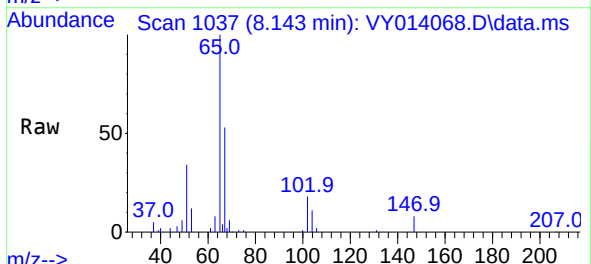


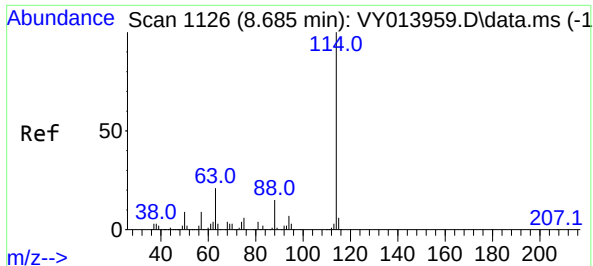
Tgt Ion: 56 Resp: 1739
Ion Ratio Lower Upper
56 100
69 134.6 27.8 41.6#
84 81.3 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 28.718 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 65 Resp: 27972
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014068.D

Acq: 07 Jun 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.0-7.0RE

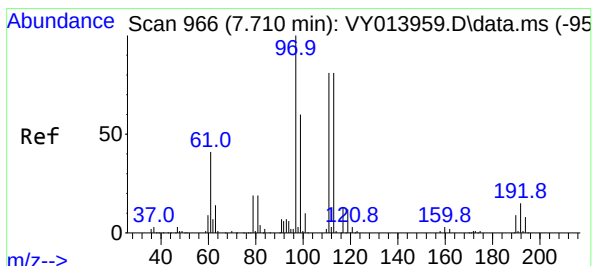
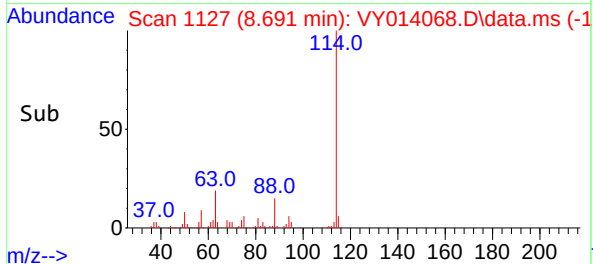
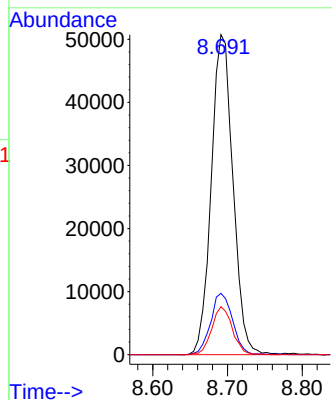
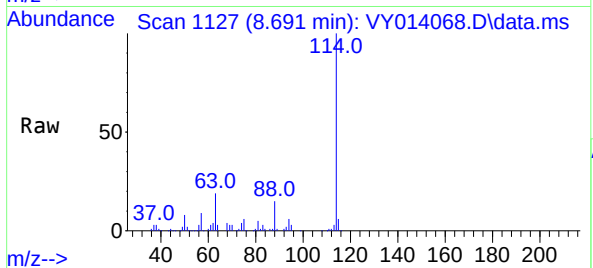
Tgt Ion:114 Resp: 102473

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.595 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014068.D

Acq: 07 Jun 2023 18:26

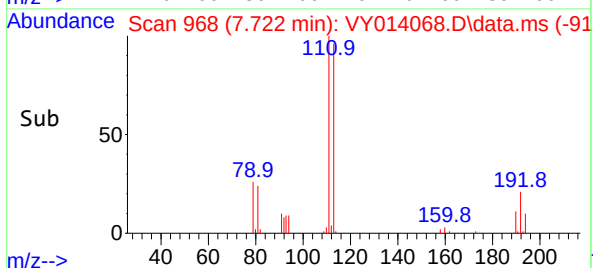
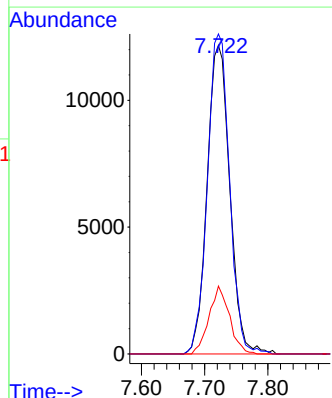
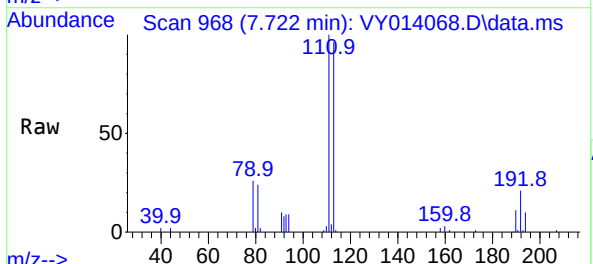
Tgt Ion:113 Resp: 30344

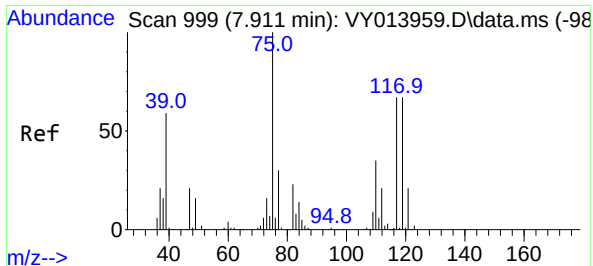
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 19.8 16.9 25.3

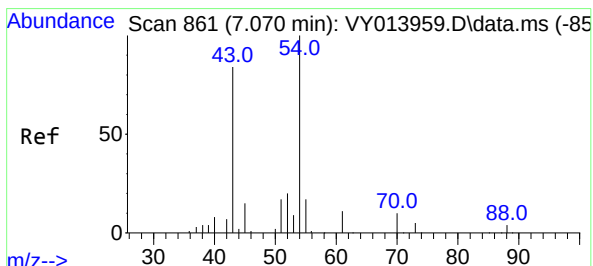
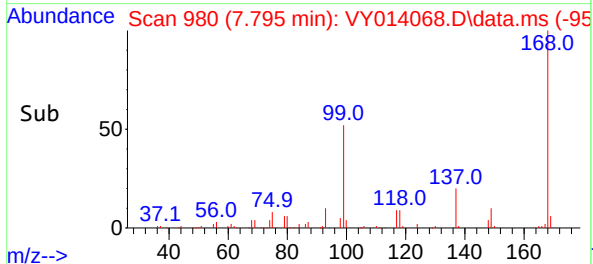
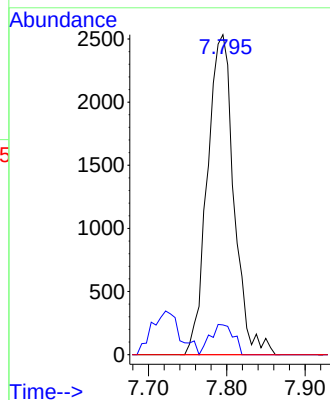
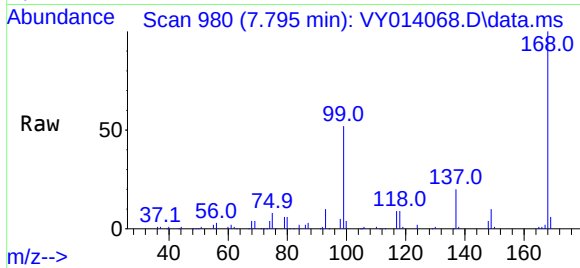




#36
1,1-Dichloropropene
Concen: 6.438 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

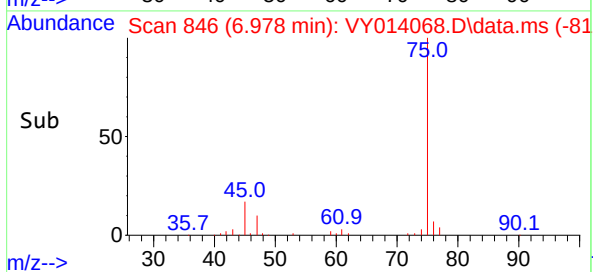
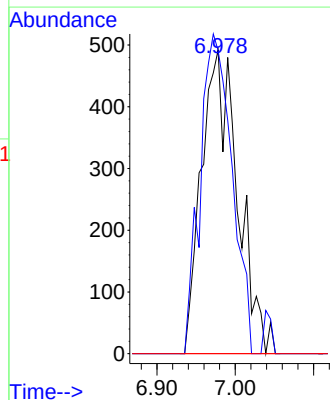
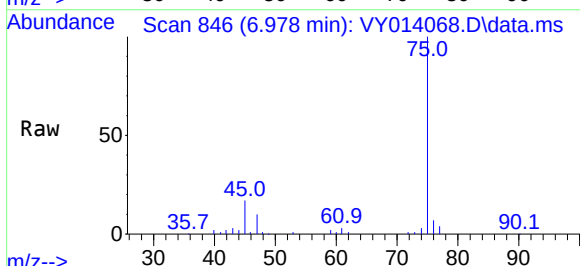
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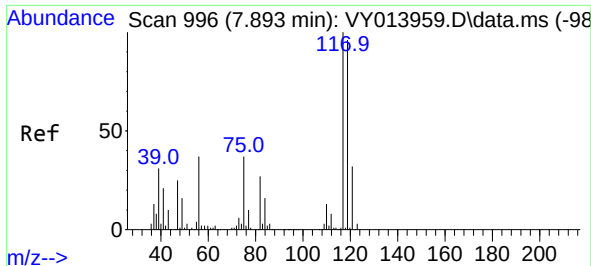
Tgt Ion: 75 Resp: 5973
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.959 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
61 92.2 10.1 15.1#
70 0.0 7.1 10.7#

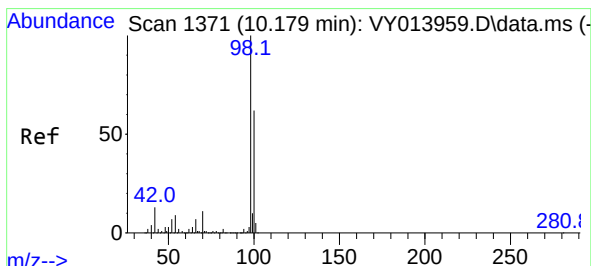
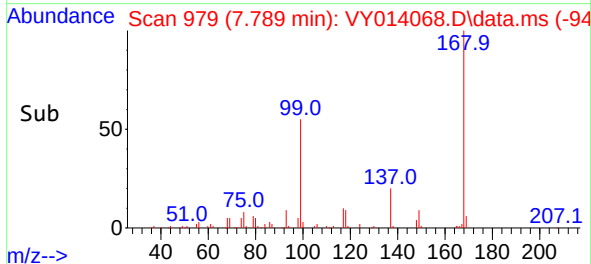
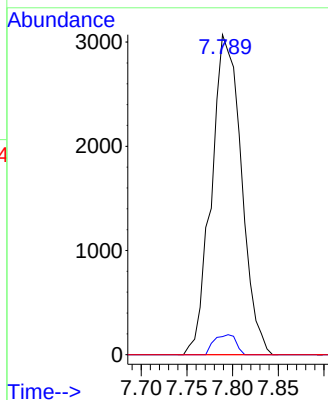
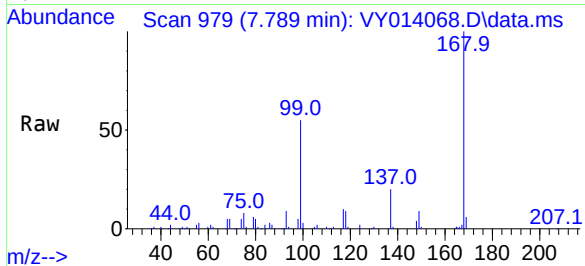




#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

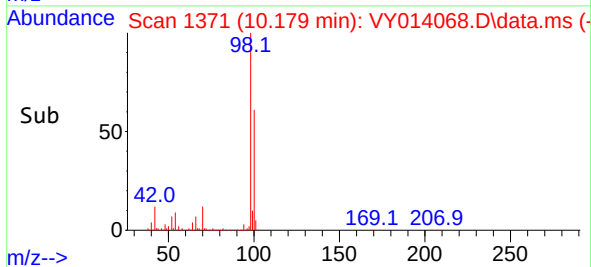
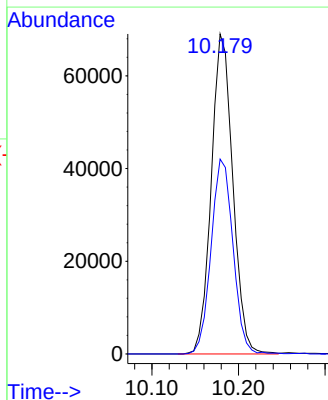
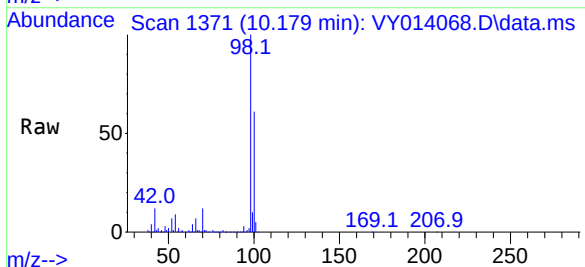
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

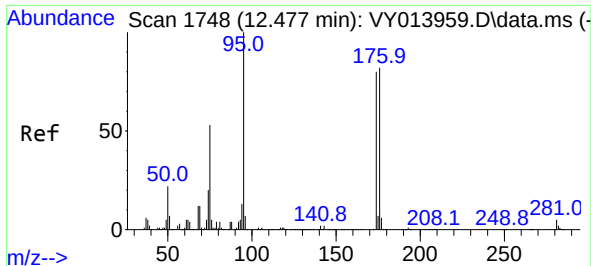
Tgt Ion:117 Resp: 7007
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.979 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 98 Resp: 119183
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

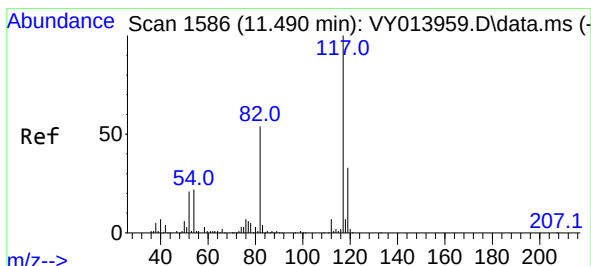
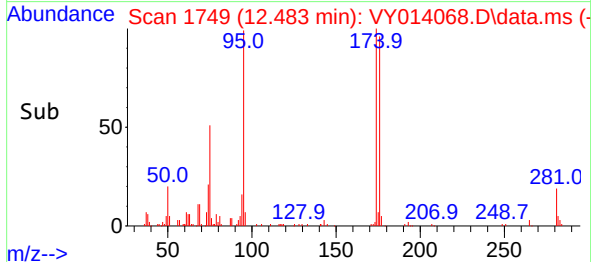
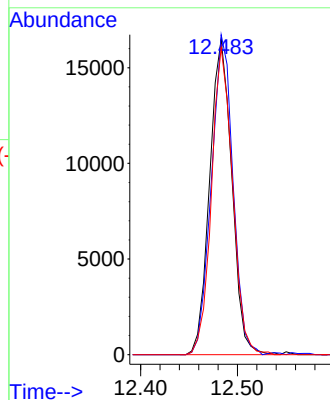
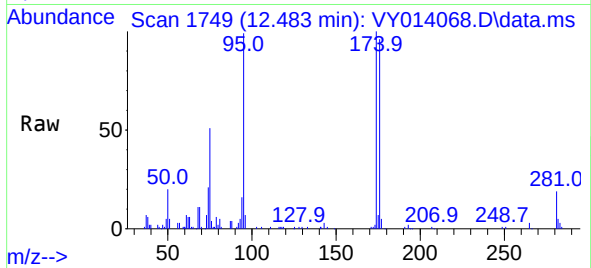




#62
4-Bromofluorobenzene
Concen: 30.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

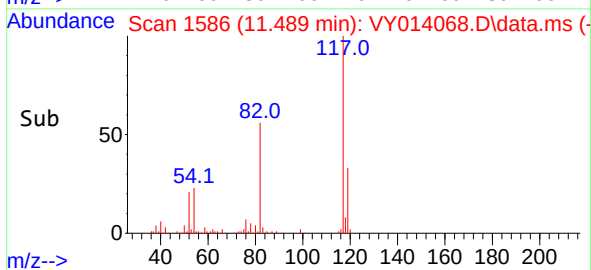
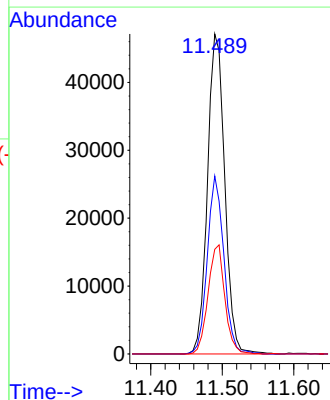
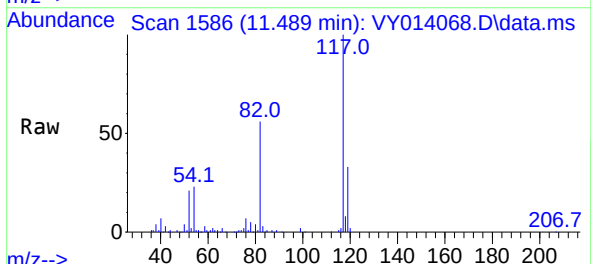
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

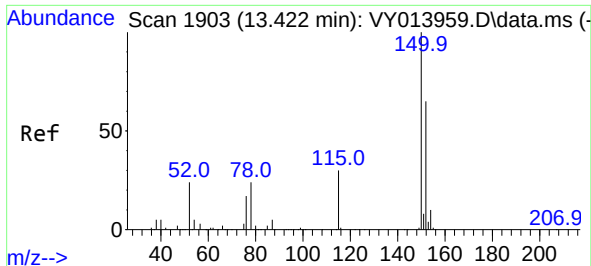
Tgt Ion:	95	Resp:	26211
Ion	Ratio	Lower	Upper
95	100		
174	99.1	0.0	178.2
176	92.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion:	117	Resp:	78940
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.4	65.0
119	32.7	26.3	39.5

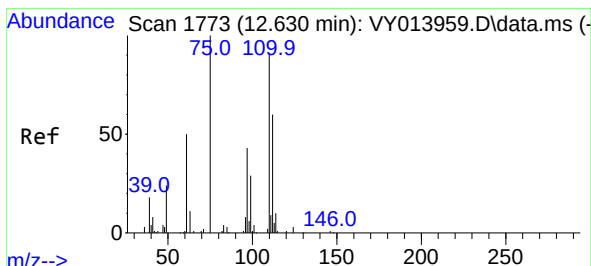
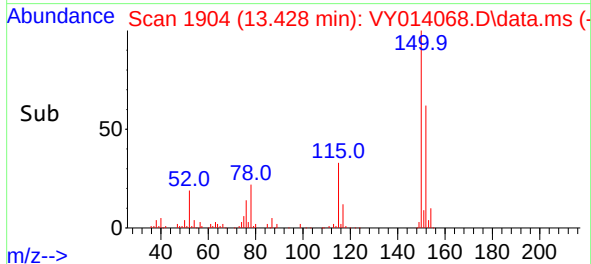
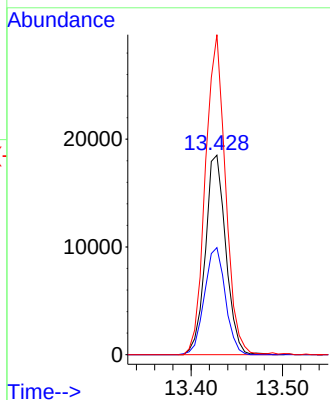
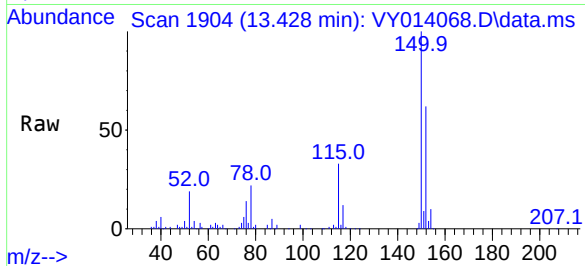




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

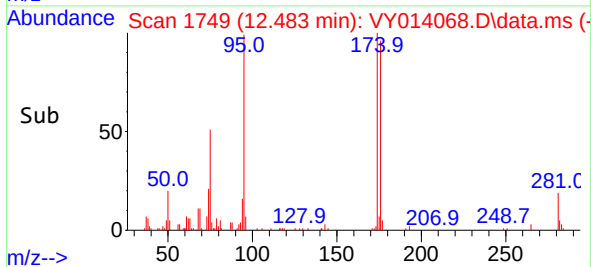
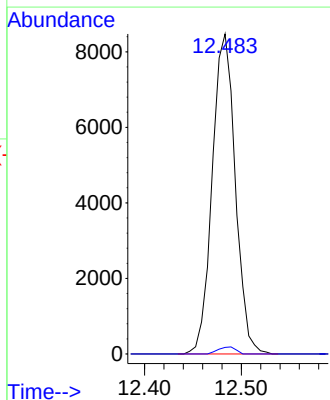
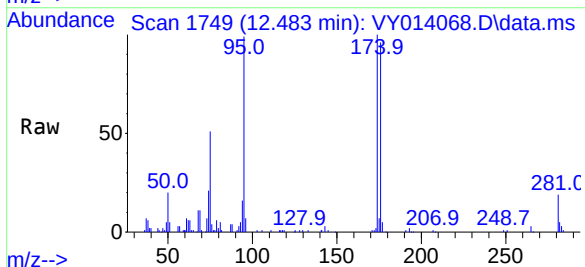
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

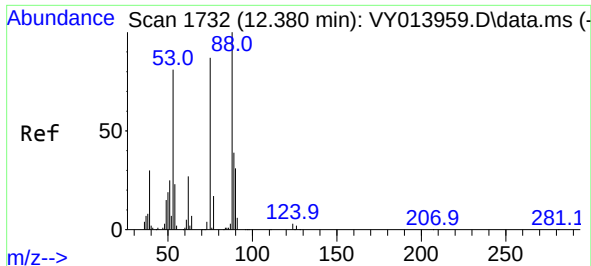
Tgt Ion:152 Resp: 28772
Ion Ratio Lower Upper
152 100
115 54.9 28.8 86.5
150 157.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 75 Resp: 14024
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

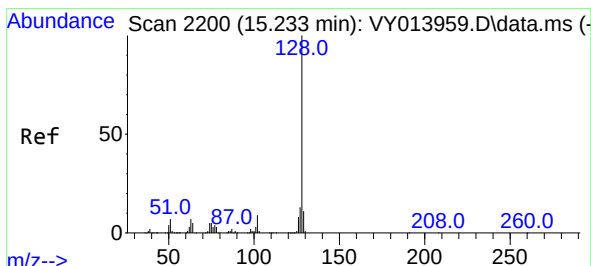
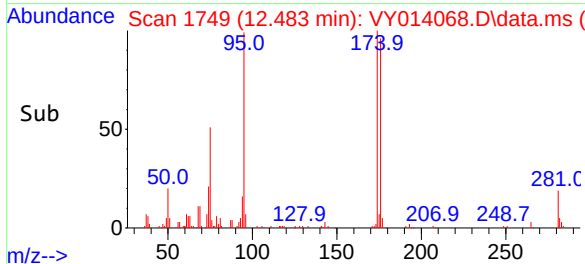
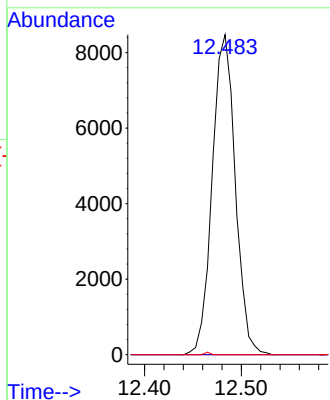
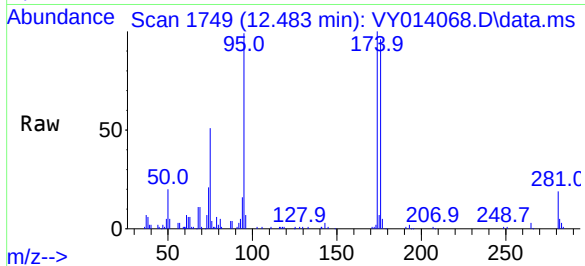




#81
trans-1,4-Dichloro-2-butene
Concen: 76.842 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

Tgt Ion: 75 Resp: 14024
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 3.923 ug/l
RT: 15.318 min Scan# 2214
Delta R.T. 0.085 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion:128 Resp: 61
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

