

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014070.D
 Acq On : 07 Jun 2023 19:13
 Operator : KP/MD
 Sample : 03044-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.0-7.0RE

Quant Time: Jun 08 02:34:56 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)

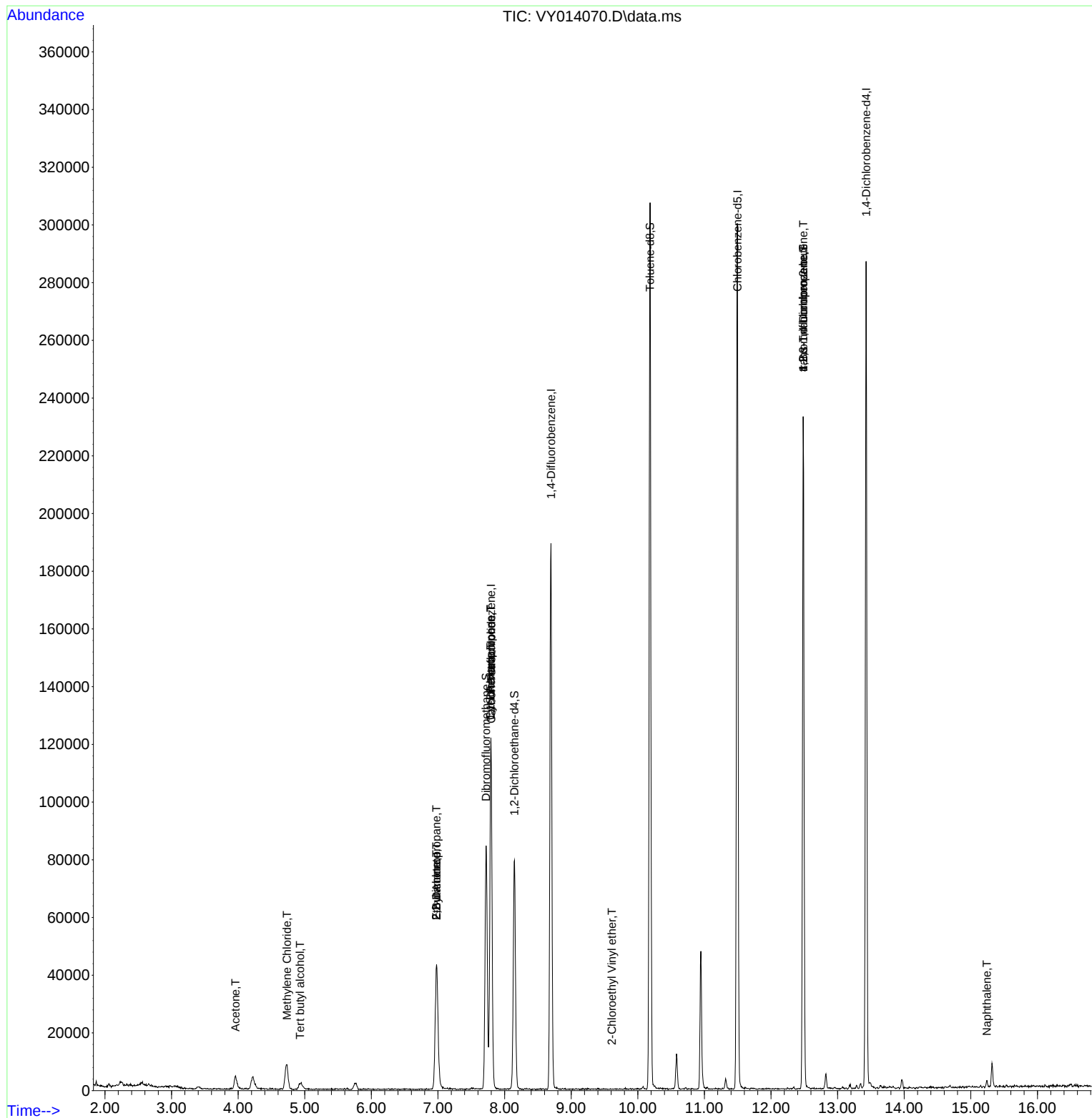
Internal Standards						
1) Pentafluorobenzene	7.795	168	93539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158163	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	165261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	65384	52.804	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.600%	
35) Dibromofluoromethane	7.721	113	57350	57.057	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.120%	
50) Toluene-d8	10.184	98	198189	51.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.483	95	63916	48.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	1741	6.841	ug/l #	92
16) Acetone	3.960	43	8217	19.396	ug/l	100
20) Methylene Chloride	4.734	84	6670	1.985	ug/l #	87
25) 2-Butanone	6.978	43	2536	4.805	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	2870	1.675	ug/l #	54
31) Cyclohexane	7.789	56	2265	1.519	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	7355	5.136	ug/l #	51
37) Ethyl Acetate	6.978	43	2536	2.031	ug/l #	1
38) Carbon Tetrachloride	7.801	117	9688	6.037	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.611	63	18	23.130	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	33570	33.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33570	71.608	ug/l #	11
95) Naphthalene	15.238	128	1831	4.370	ug/l #	89

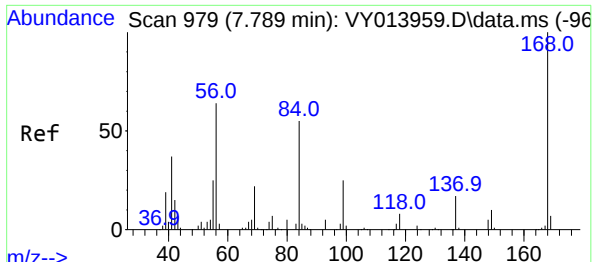
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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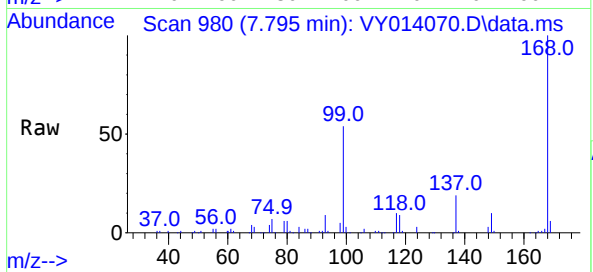
Quant Time: Jun 08 02:34:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
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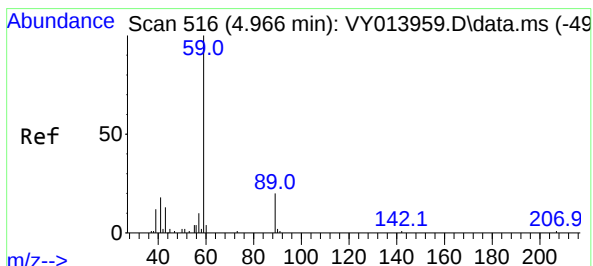
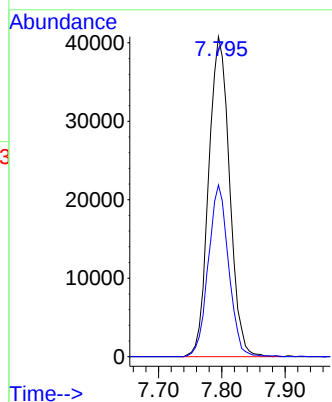
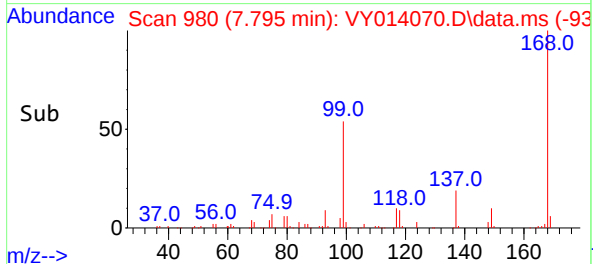


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

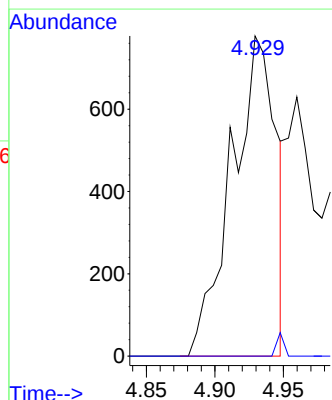
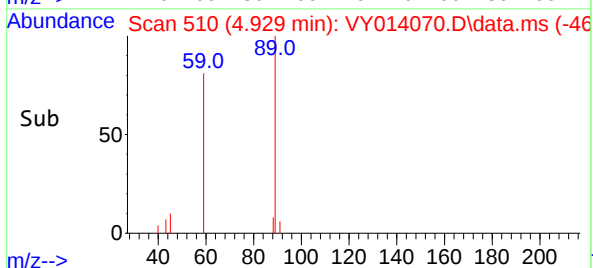
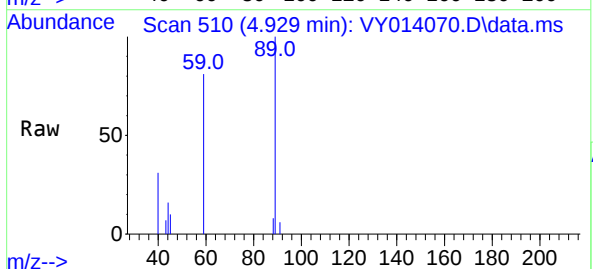


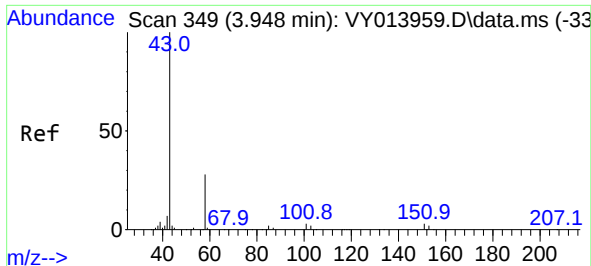
Tgt Ion:168 Resp: 93539
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.841 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 59 Resp: 1741
Ion Ratio Lower Upper
59 100
57 1.2 3.0 4.4#

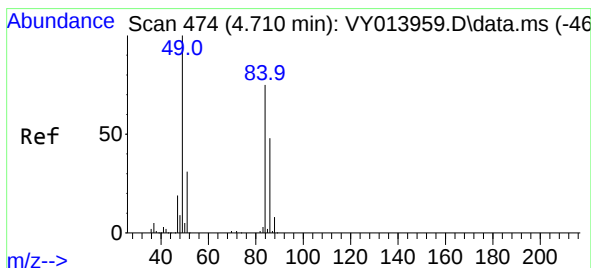
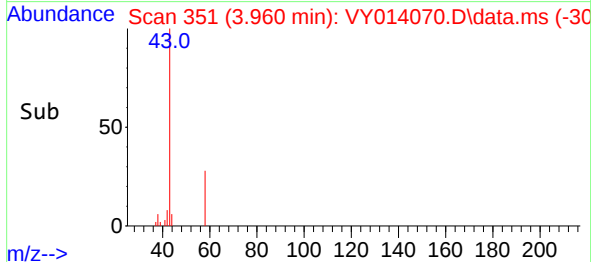
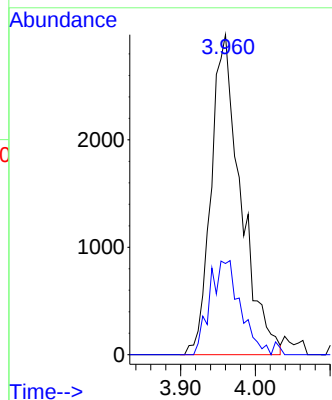
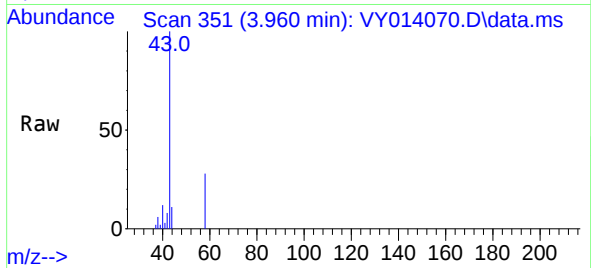




#16
Acetone
Concen: 19.396 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

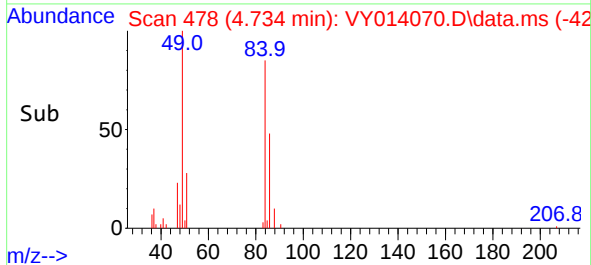
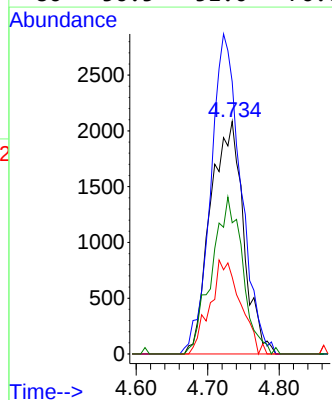
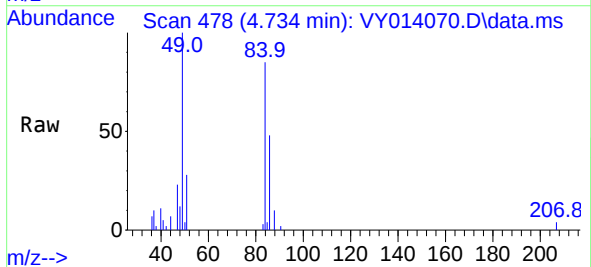
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

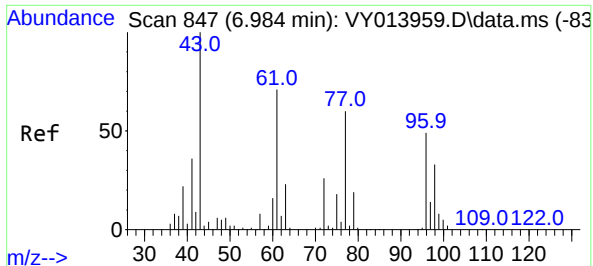
Tgt Ion: 43 Resp: 8217
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1



#20
Methylene Chloride
Concen: 1.985 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.024 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 84 Resp: 6670
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 33.0 33.2 49.8#
86 56.5 51.0 76.6





#25

2-Butanone

Concen: 4.805 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.007 min

Lab File: VY014070.D

Acq: 07 Jun 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

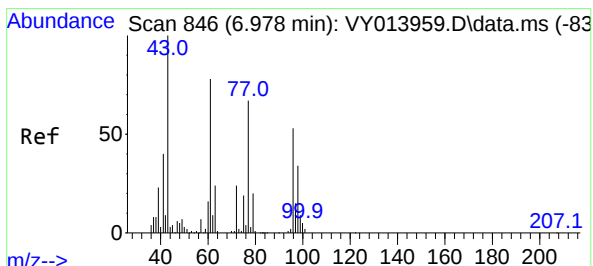
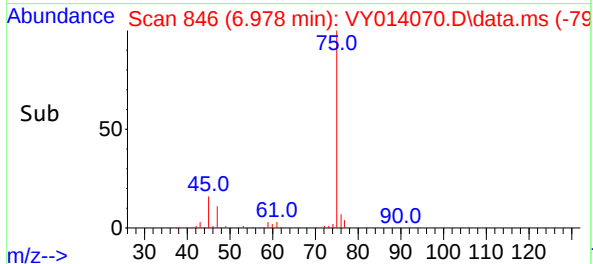
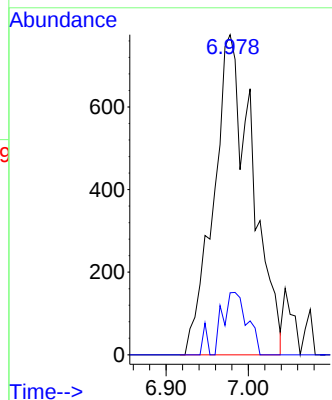
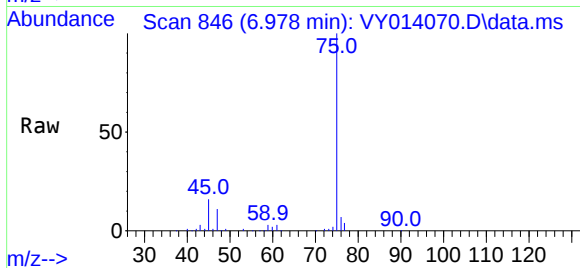
SB-04-5.0-7.0RE

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

43 100

72 19.4 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.675 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014070.D

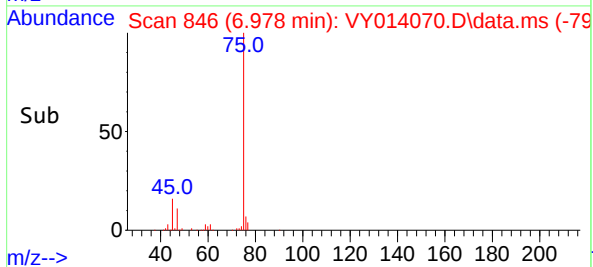
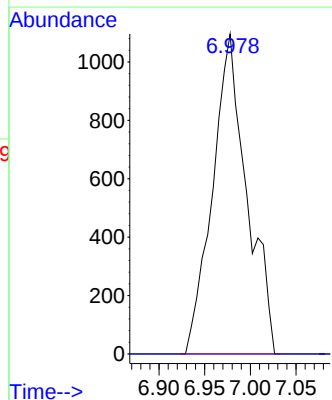
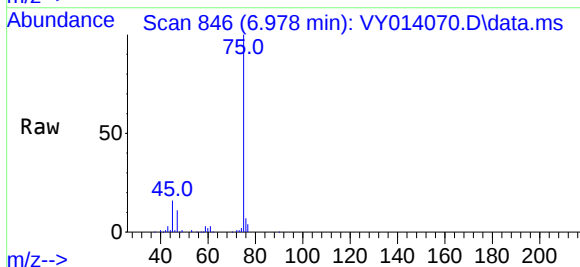
Acq: 07 Jun 2023 19:13

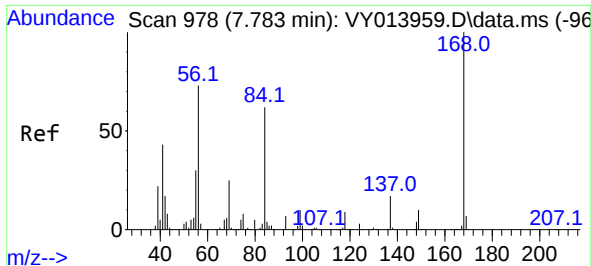
Tgt Ion: 77 Resp: 2870

Ion Ratio Lower Upper

77 100

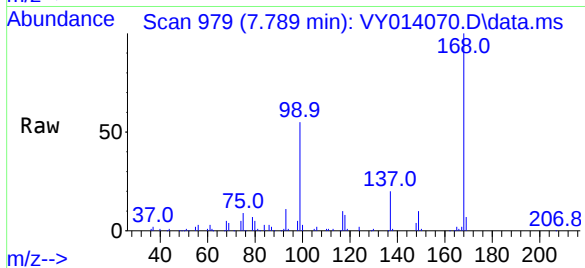
97 0.0 10.9 32.9#



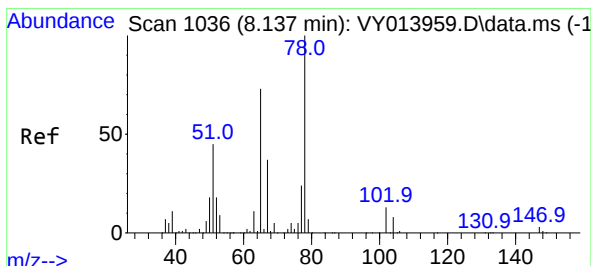
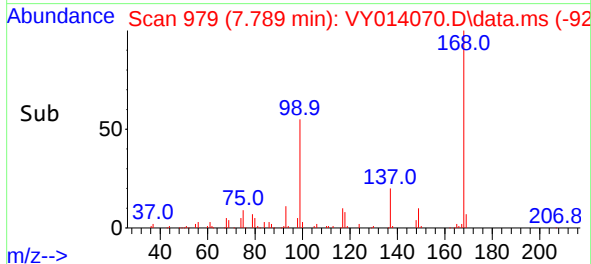
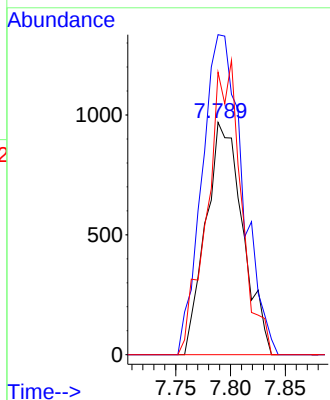


#31
Cyclohexane
Concen: 1.519 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

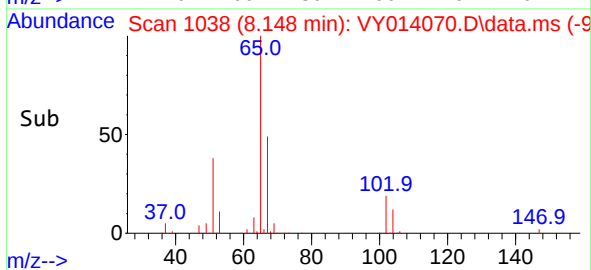
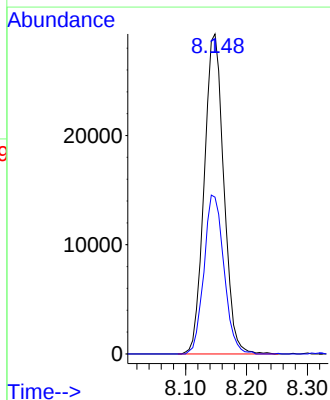
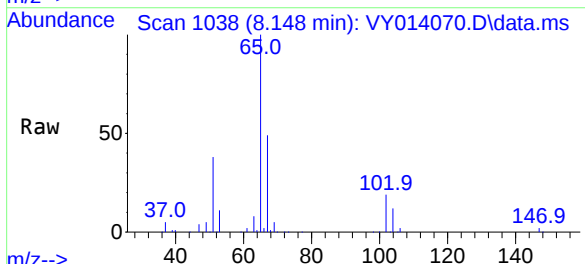


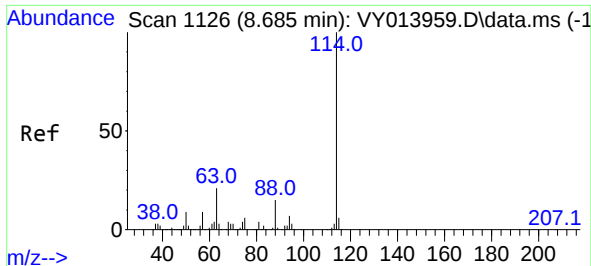
Tgt Ion: 56 Resp: 2265
Ion Ratio Lower Upper
56 100
69 137.8 27.8 41.6#
84 121.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.804 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 65 Resp: 65384
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

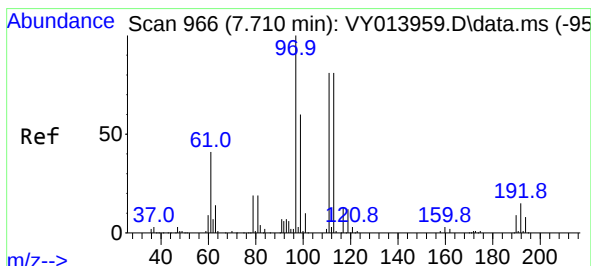
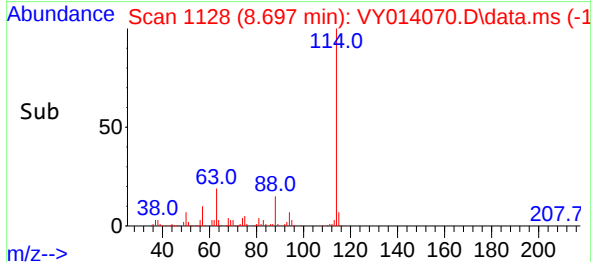
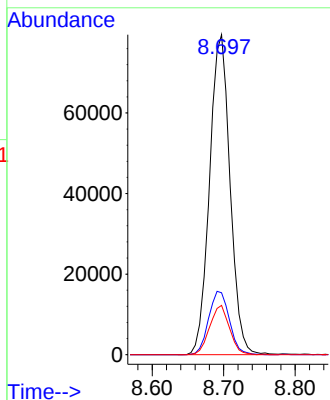
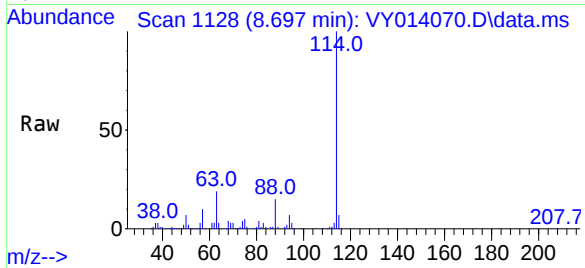




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

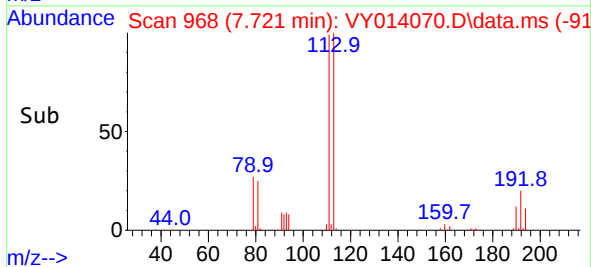
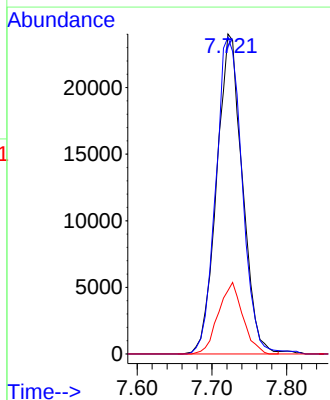
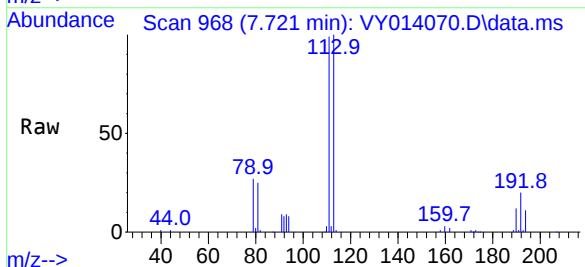
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

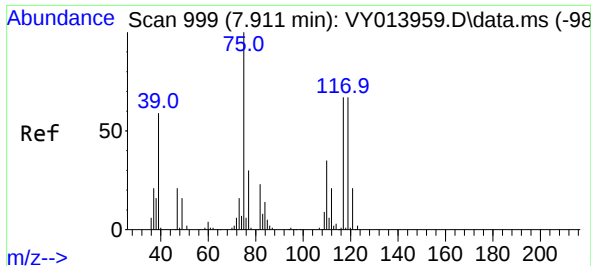
Tgt Ion:114 Resp: 158163
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.057 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion:113 Resp: 57350
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.2 16.9 25.3

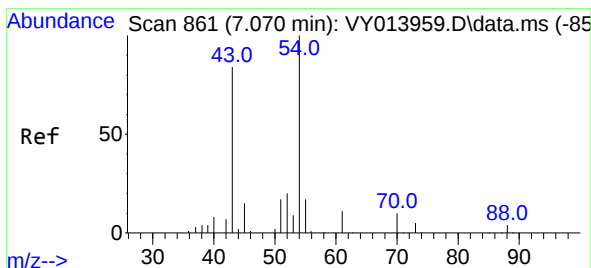
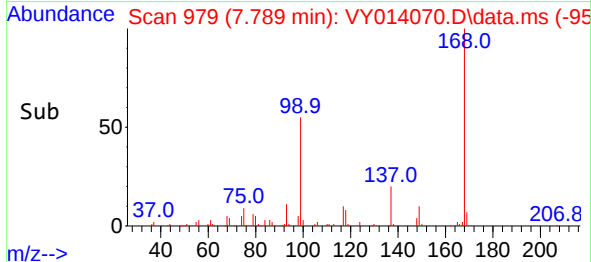
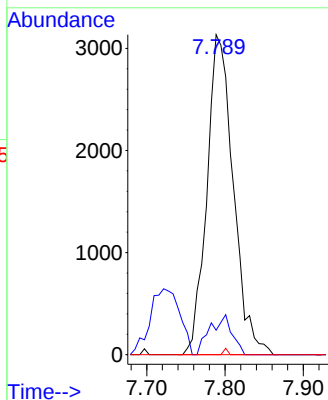
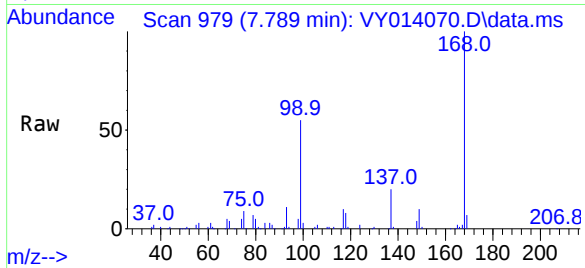




#36
1,1-Dichloropropene
Concen: 5.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

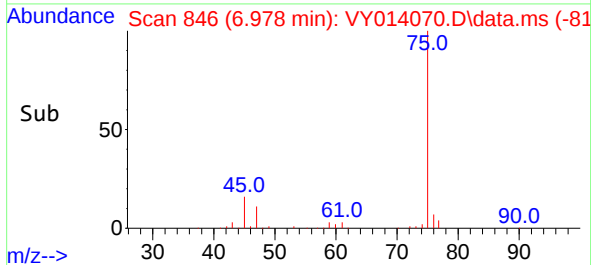
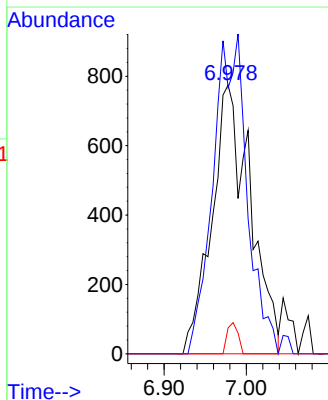
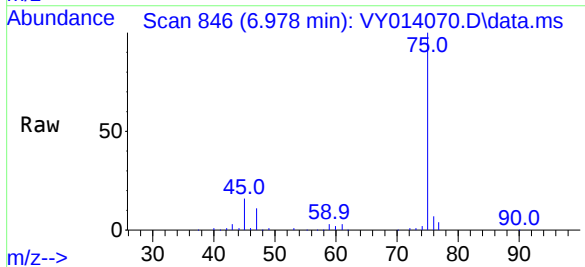
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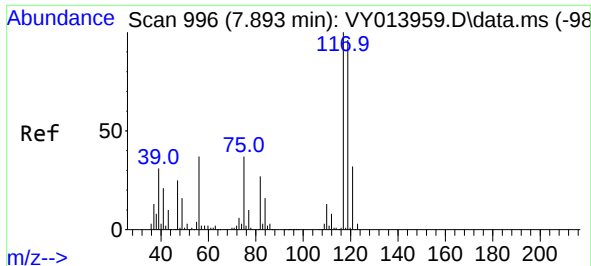
Tgt Ion: 75 Resp: 7355
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.3 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.031 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
61 103.9 10.1 15.1#
70 3.2 7.1 10.7#

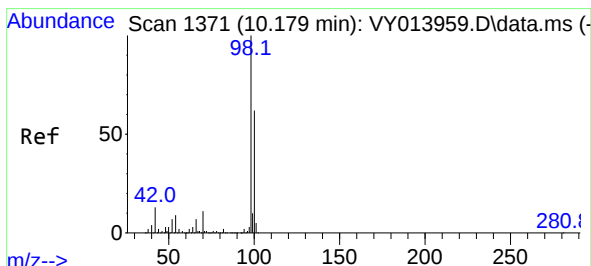
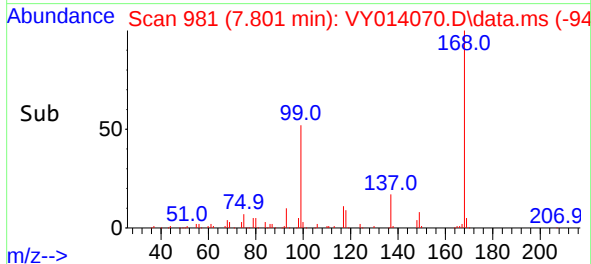
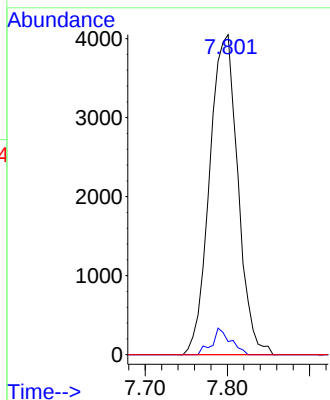
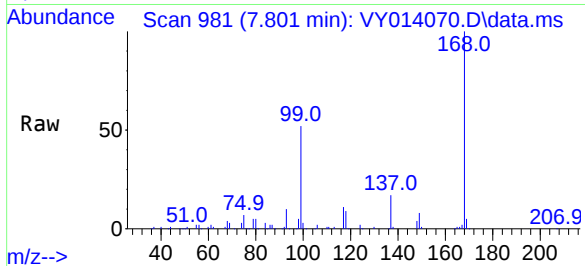




#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.092 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

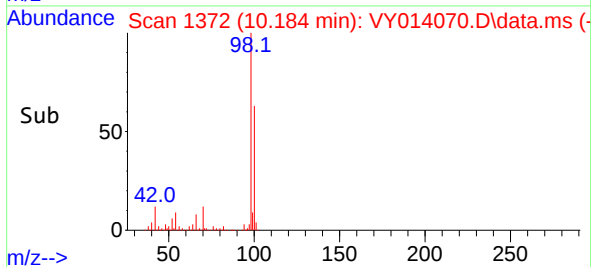
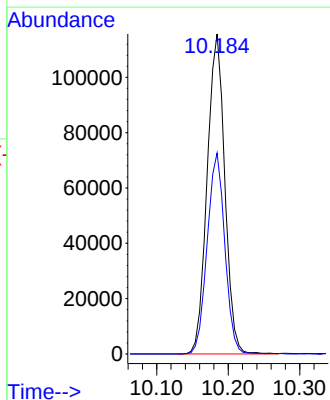
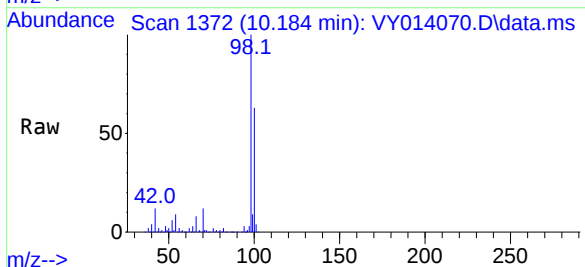
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

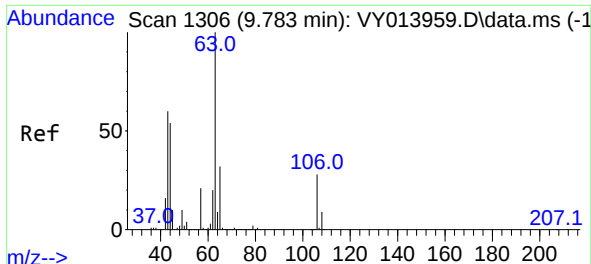
Tgt Ion:117 Resp: 9688
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.692 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 98 Resp: 198189
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

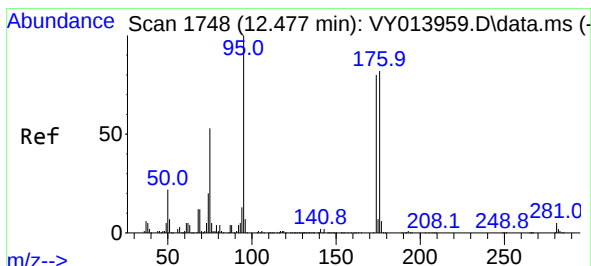
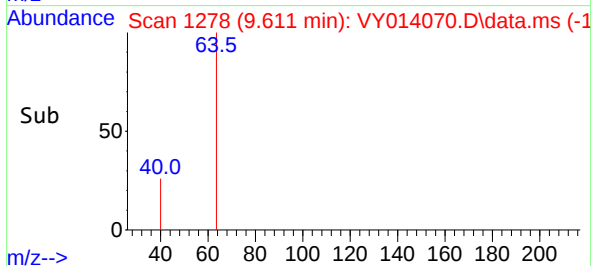
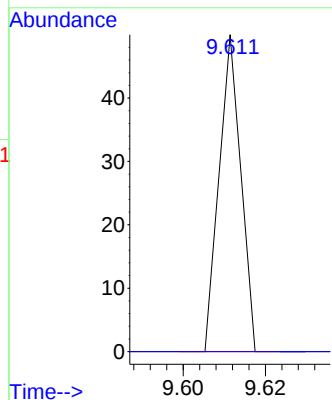
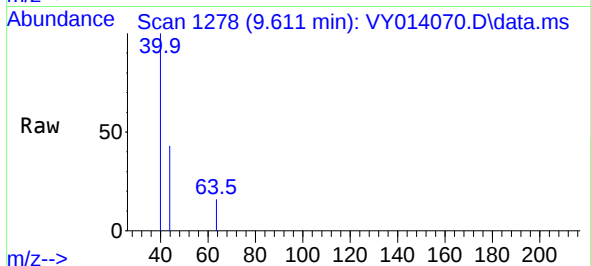




#58
2-Chloroethyl Vinyl ether
Concen: 23.130 ug/l
RT: 9.611 min Scan# 11
Delta R.T. -0.172 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

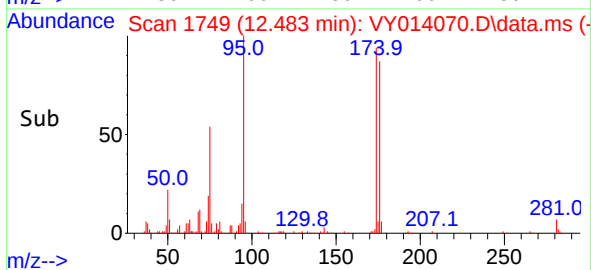
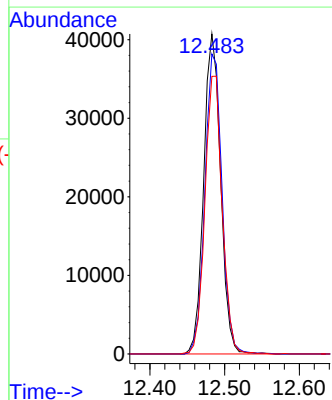
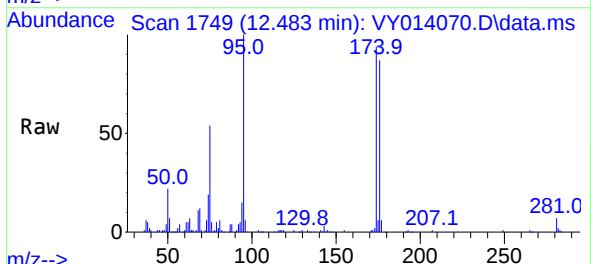
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

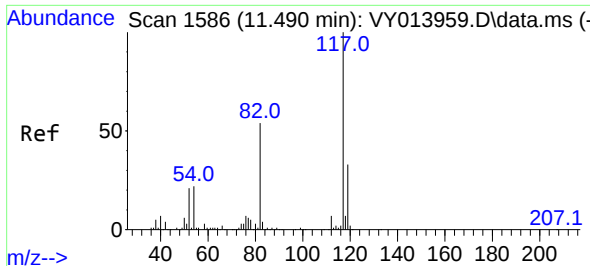
Tgt Ion: 63 Resp: 18
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion: 95 Resp: 63916
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 88.9 0.0 173.8

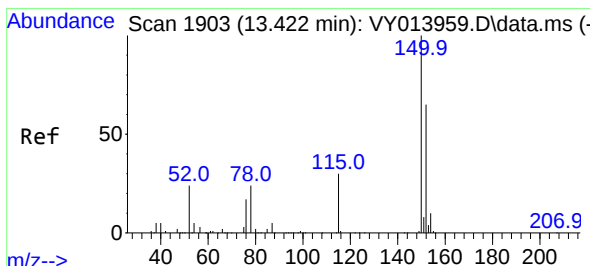
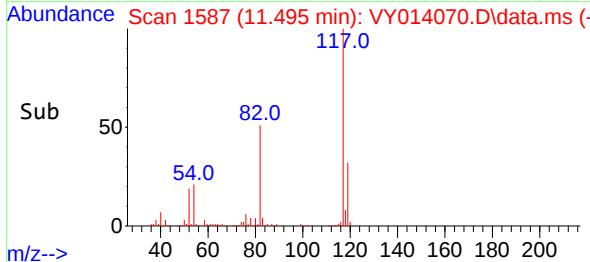
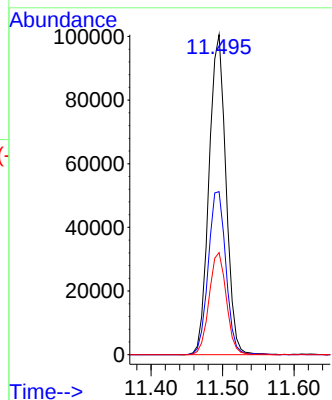
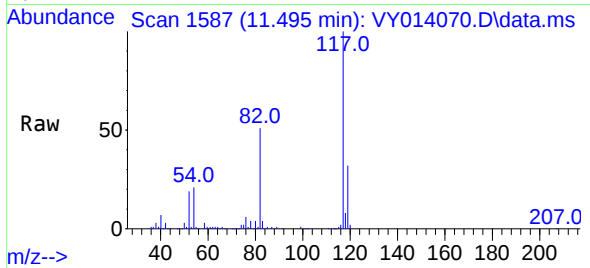




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

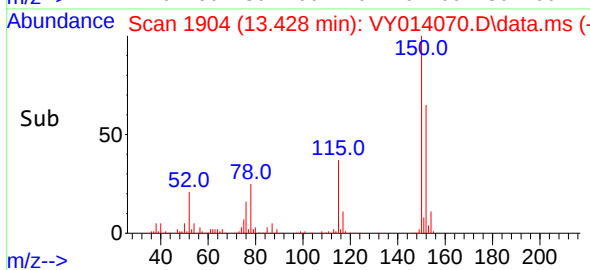
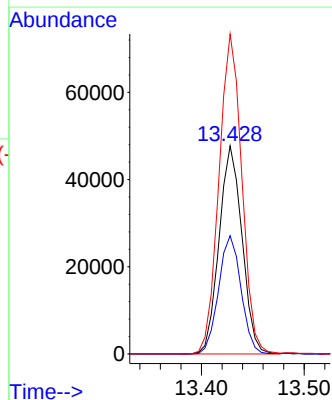
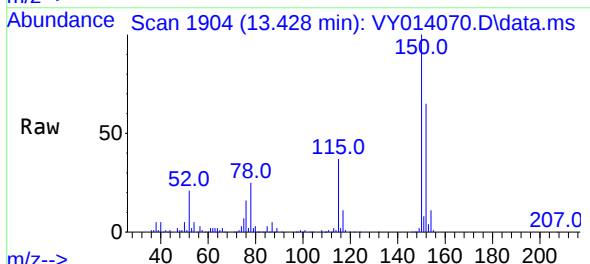
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

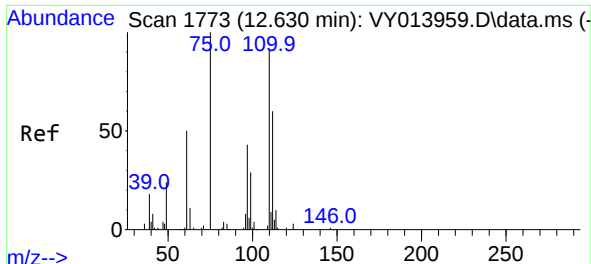
Tgt Ion:117 Resp: 165261
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Tgt Ion:152 Resp: 73907
Ion Ratio Lower Upper
152 100
115 55.6 28.8 86.5
150 153.6 0.0 348.8

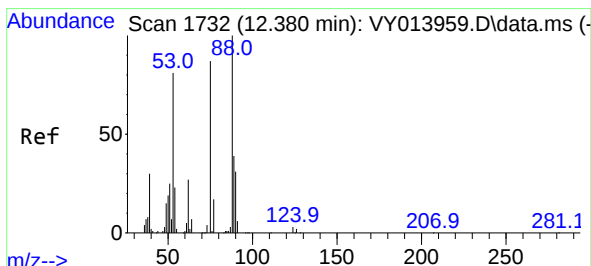
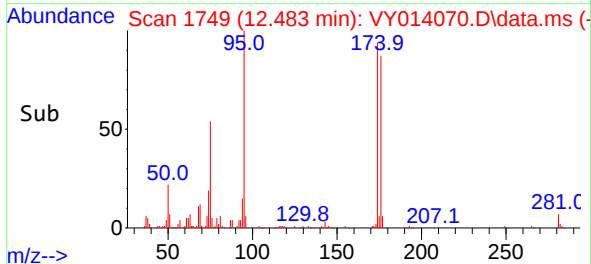
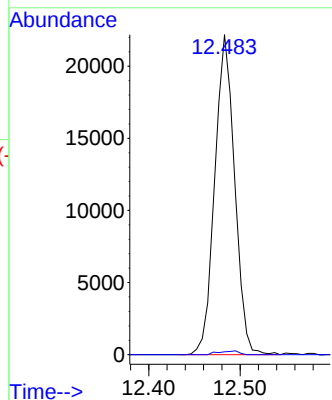
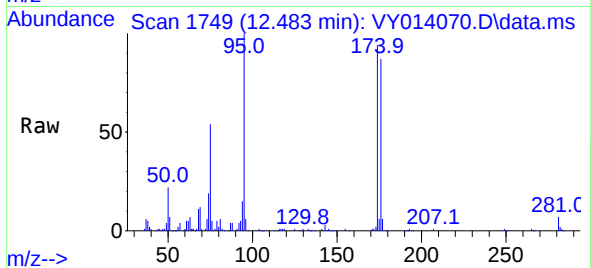




#76
1,2,3-Trichloropropane
Concen: 33.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

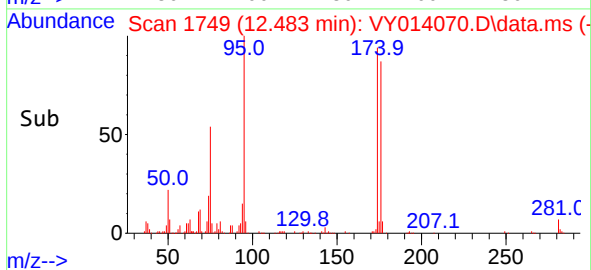
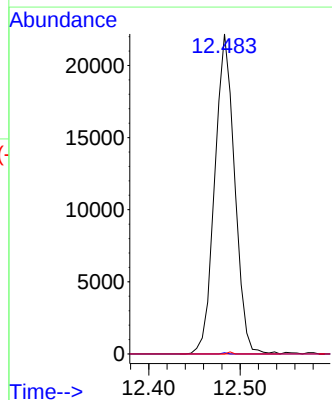
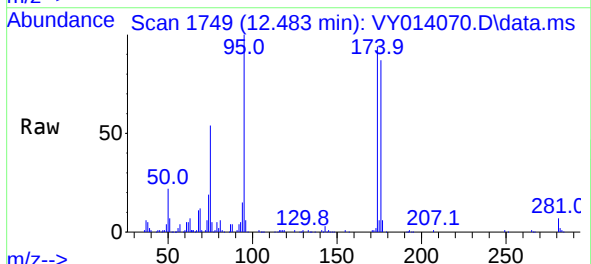
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE

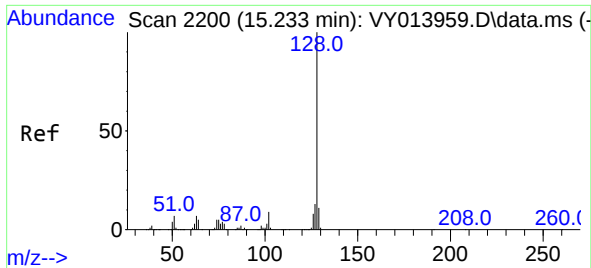
Tgt Ion: 75 Resp: 33570
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

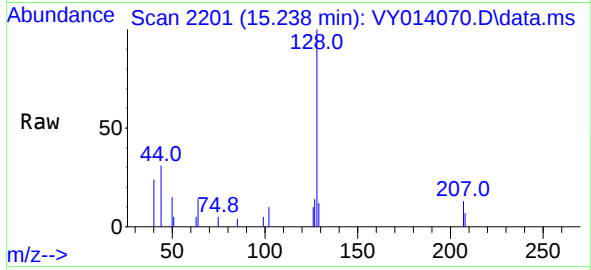
Tgt Ion: 75 Resp: 33570
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.2 37.4 56.0#





#95
Naphthalene
Concen: 4.370 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.005 min
Lab File: VY014070.D
Acq: 07 Jun 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.0-7.0RE



Tgt Ion:	128	Resp:	1831
Ion	Ratio	Lower	Upper
128	100		
127	20.5	10.8	16.2#
129	12.2	8.6	13.0

