

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013795.D
 Acq On : 18 May 2023 12:42
 Operator : KP/MD
 Sample : 02812-17
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WG-0516-B1-0-2

Quant Time: May 19 03:21:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

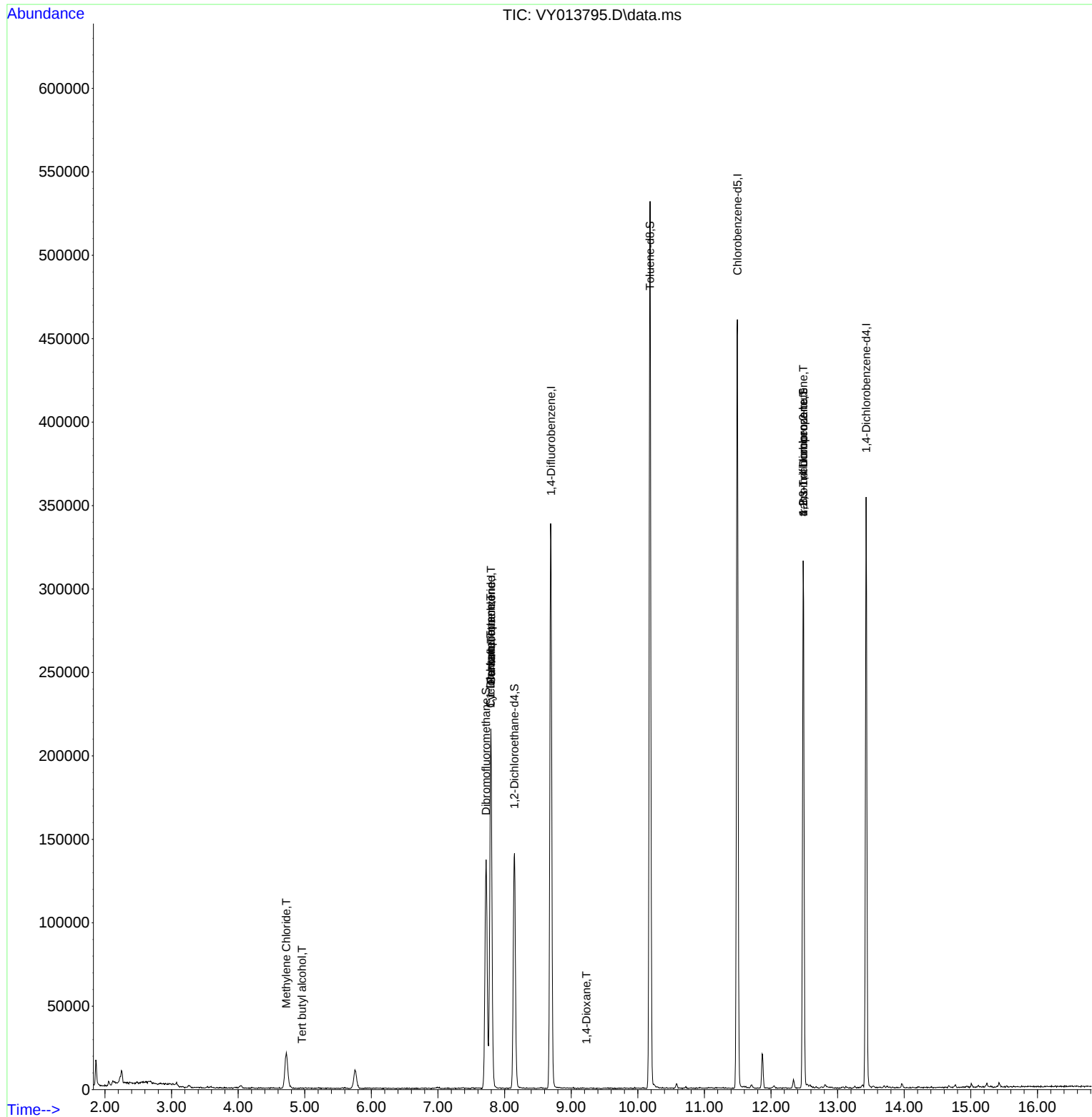
Internal Standards						
1) Pentafluorobenzene	7.795	168	162063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115235	61.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.420%	
35) Dibromofluoromethane	7.722	113	95454	53.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.185	98	336096	49.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.483	95	91952	40.859	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	225	1.475	ug/l #	95
20) Methylene Chloride	4.722	84	14747	2.821	ug/l	94
31) Cyclohexane	7.789	56	4132	1.531	ug/l #	13
36) 1,1-Dichloropropene	7.789	75	12647	5.122	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16329	6.268	ug/l #	15
49) 1,4-Dioxane	9.228	88	27	1.992	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	50315	48.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50315	107.542	ug/l #	12

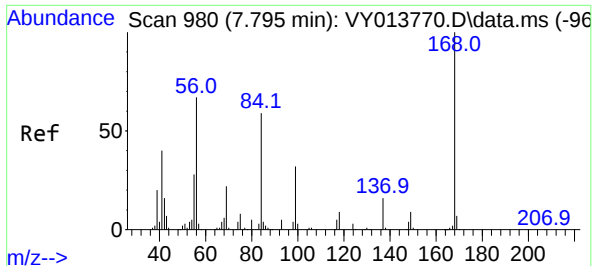
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

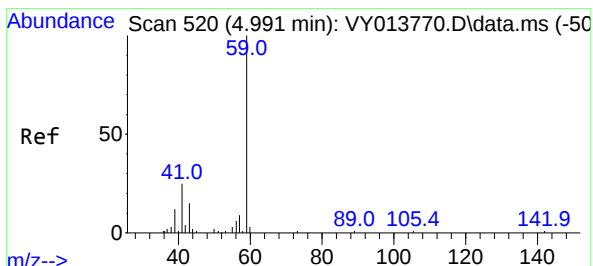
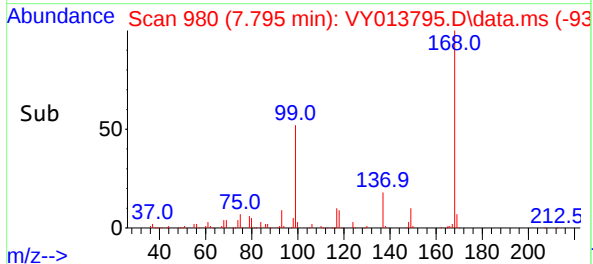
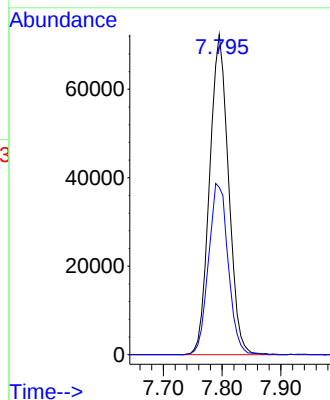
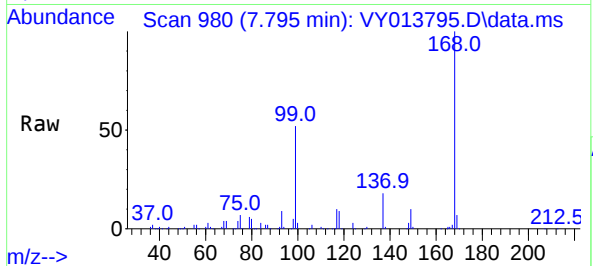




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

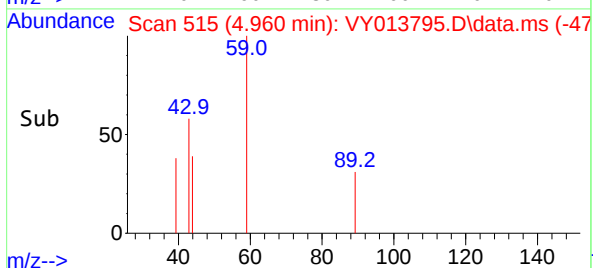
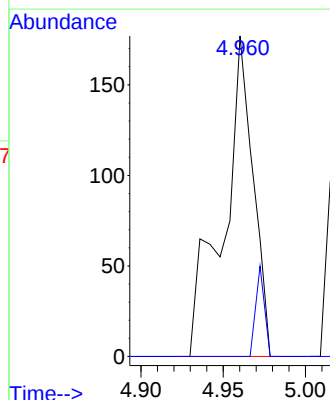
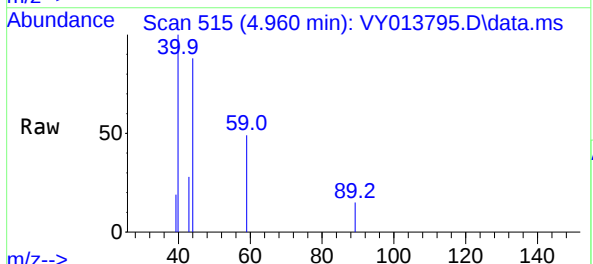
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B1-0-2

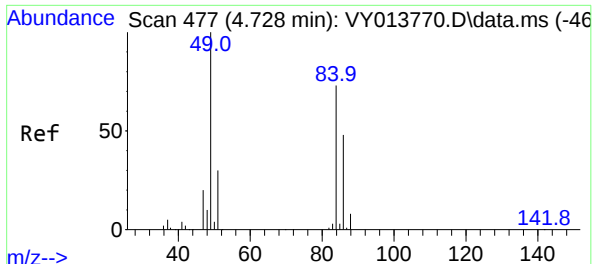
Tgt Ion:168 Resp: 162063
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#11
Tert butyl alcohol
Concen: 1.475 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

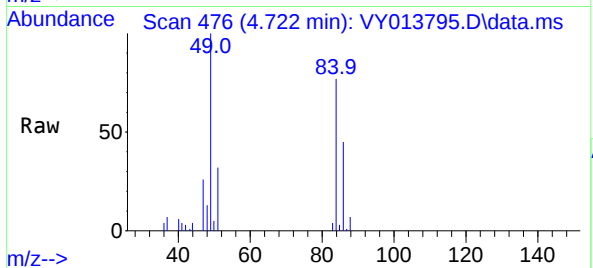
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 8.0 8.0 12.0#





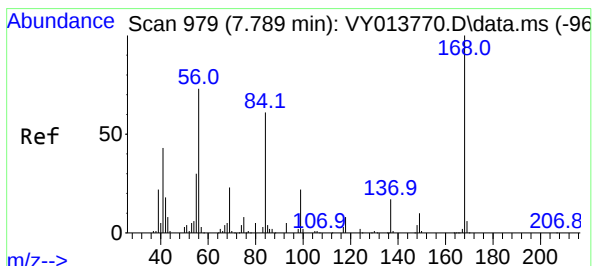
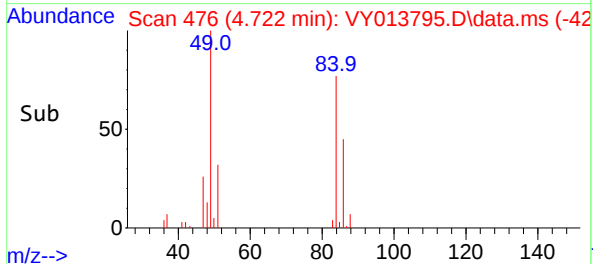
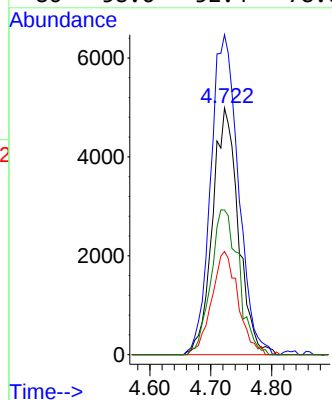
#20
Methylene Chloride
Concen: 2.821 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B1-0-2



Tgt Ion: 84 Resp: 14747

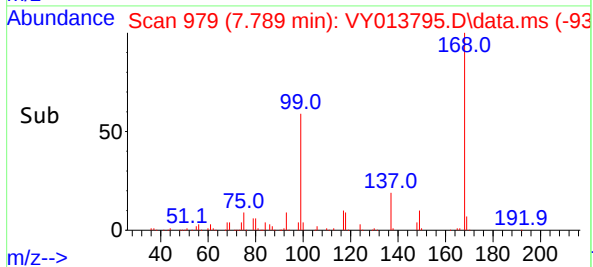
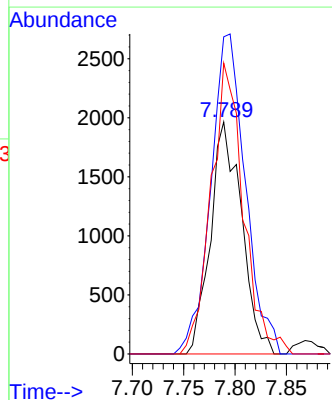
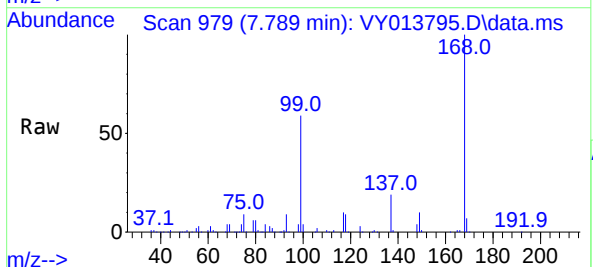
Ion	Ratio	Lower	Upper
84	100		
49	129.7	109.4	164.0
51	41.8	32.8	49.2
86	58.6	52.4	78.6

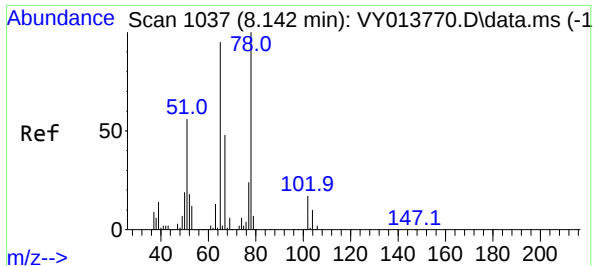


#31
Cyclohexane
Concen: 1.531 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Tgt Ion: 56 Resp: 4132

Ion	Ratio	Lower	Upper
56	100		
69	136.7	25.8	38.6#
84	125.3	65.8	98.6#





#33

1,2-Dichloroethane-d4

Concen: 61.210 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013795.D

Acq: 18 May 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

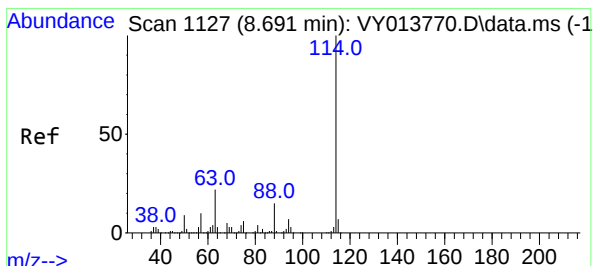
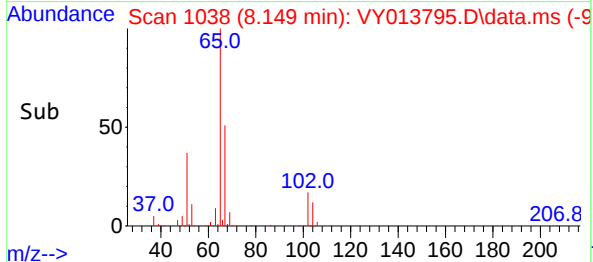
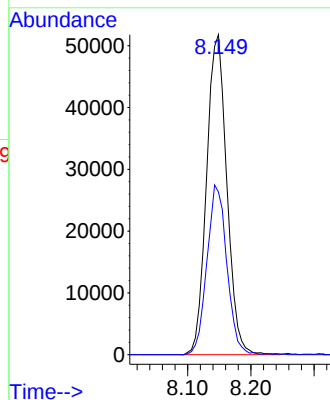
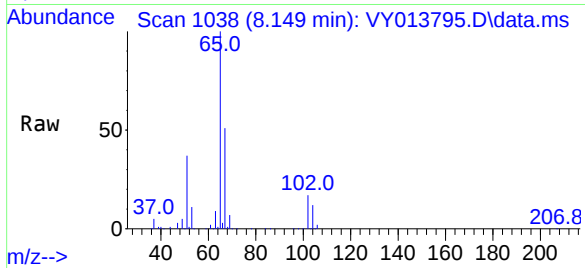
WG-0516-B1-0-2

Tgt Ion: 65 Resp: 115235

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013795.D

Acq: 18 May 2023 12:42

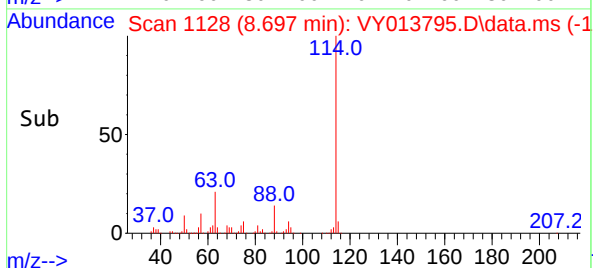
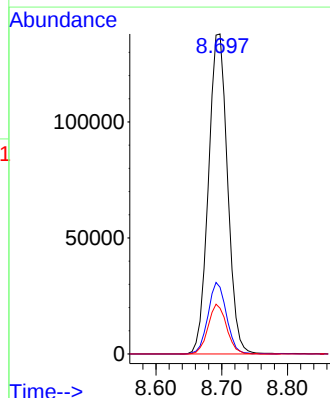
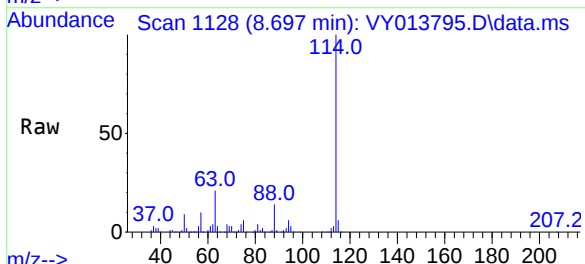
Tgt Ion: 114 Resp: 278695

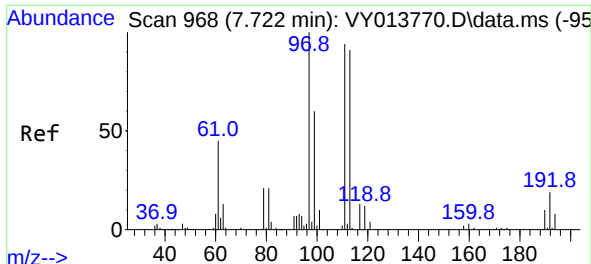
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 14.3 0.0 30.8

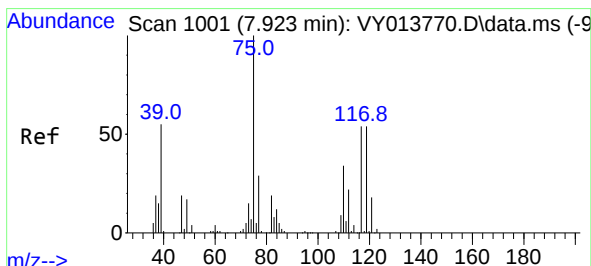
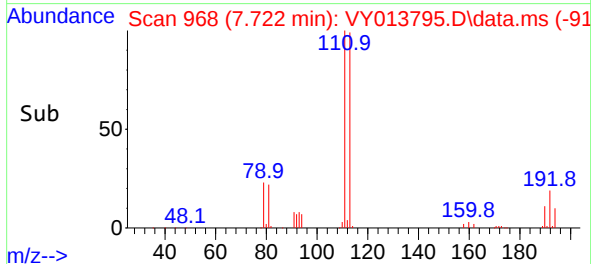
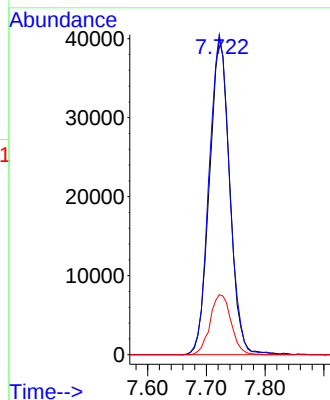
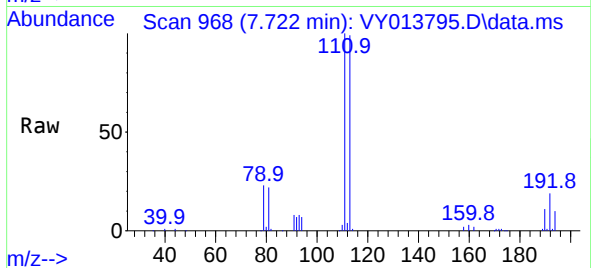




#35
Dibromofluoromethane
Concen: 53.411 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

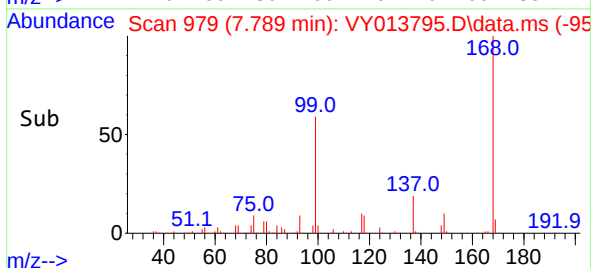
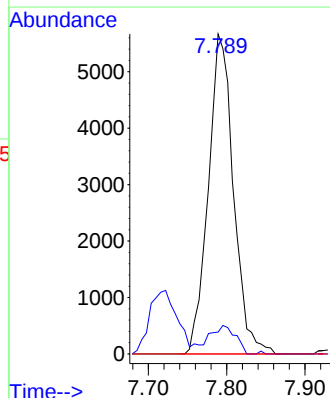
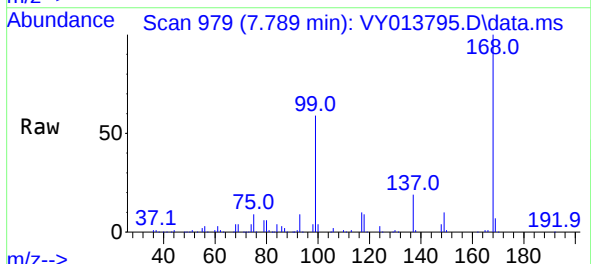
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B1-0-2

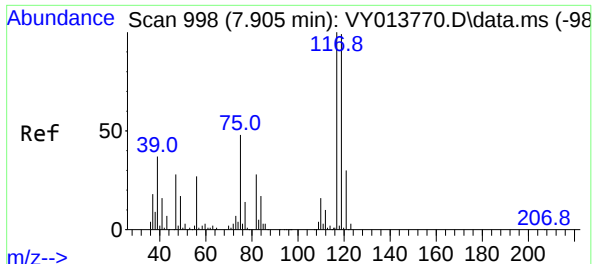
Tgt Ion:113 Resp: 95454
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 19.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Tgt Ion: 75 Resp: 12647
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 24.6 36.8#

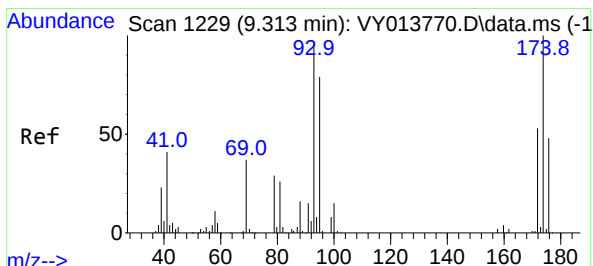
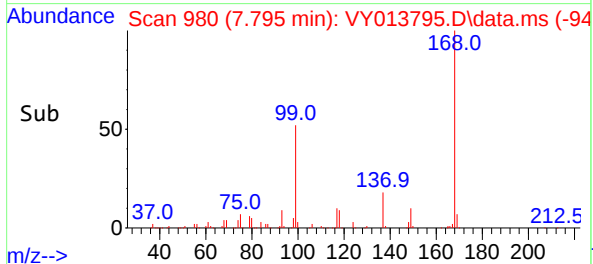
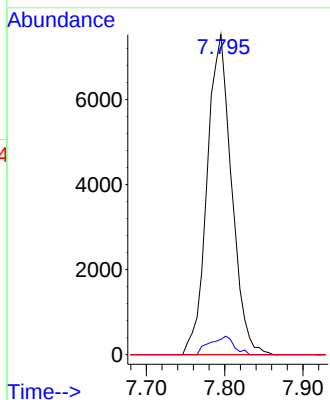
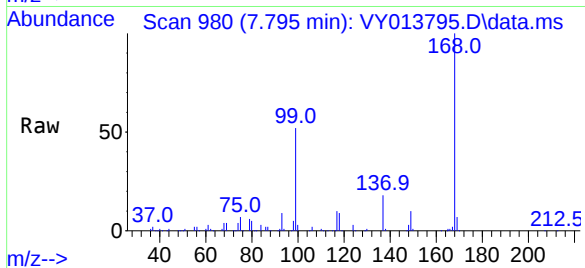




#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

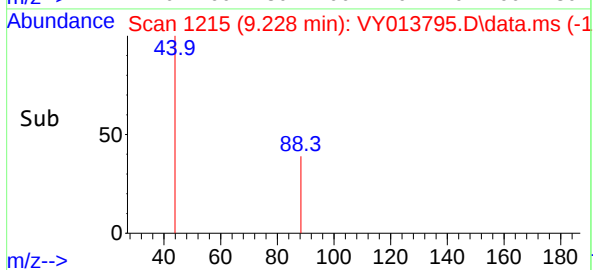
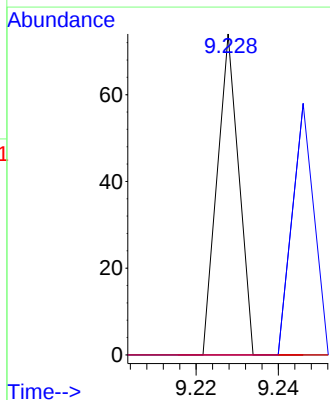
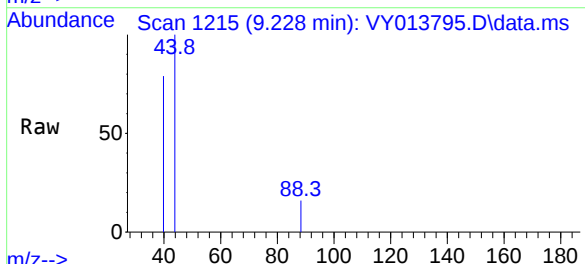
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B1-0-2

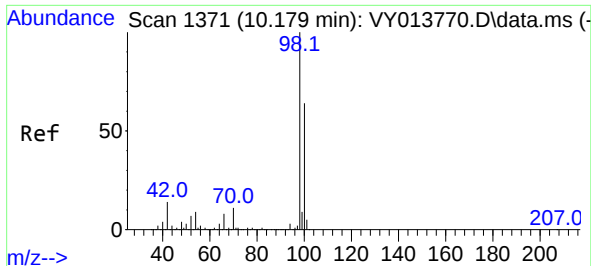
Tgt Ion:117 Resp: 16329
Ion Ratio Lower Upper
117 100
119 4.8 79.0 118.6#
121 0.0 24.1 36.1#



#49
1,4-Dioxane
Concen: 1.992 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.085 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 77.8 26.1 39.1#
58 0.0 62.2 93.2#

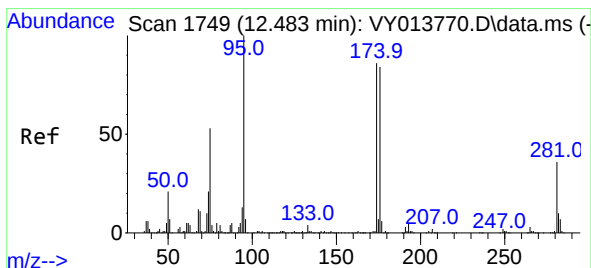
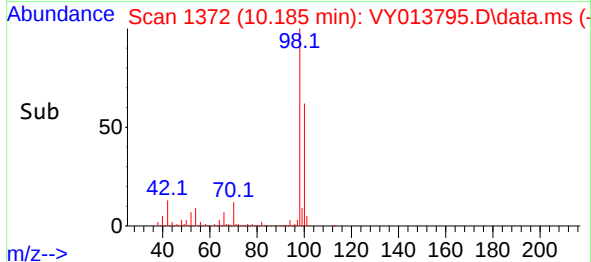
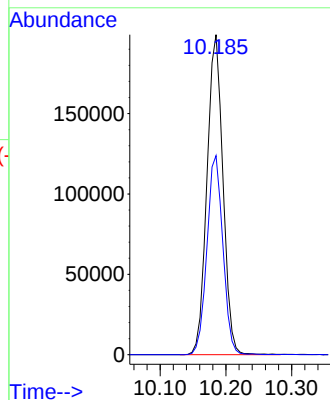
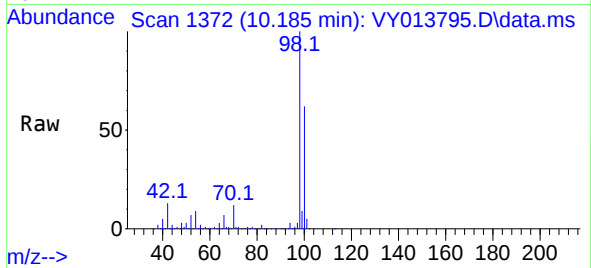




#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

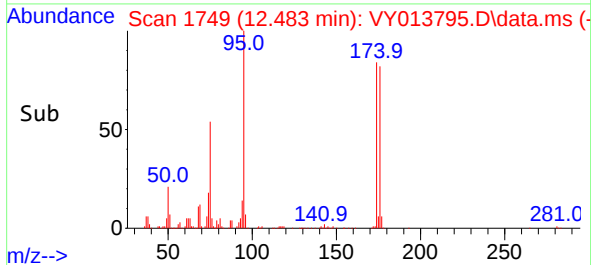
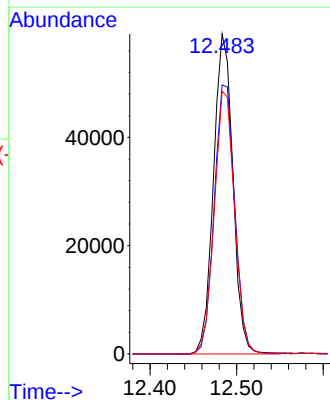
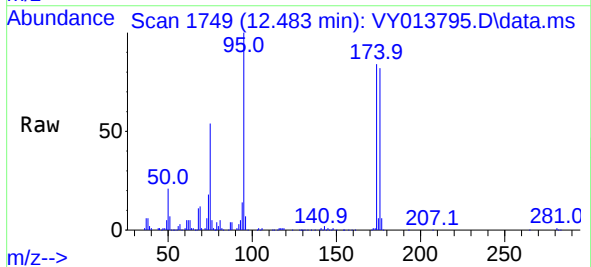
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WG-0516-B1-0-2

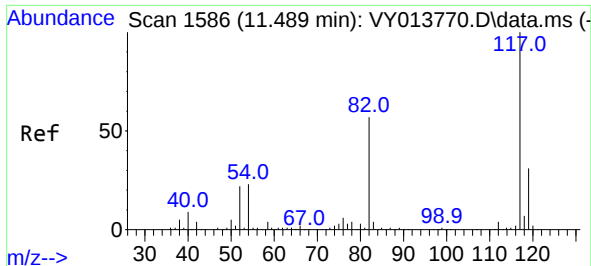
Tgt Ion: 98 Resp: 336096
Ion Ratio Lower Upper
98 100
100 62.1 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 40.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Tgt Ion: 95 Resp: 91952
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.8
176 85.9 0.0 165.2

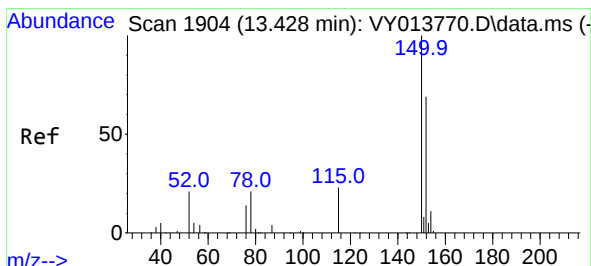
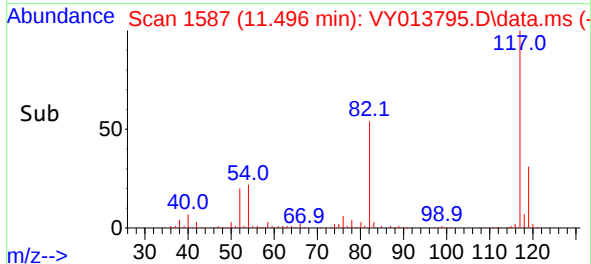
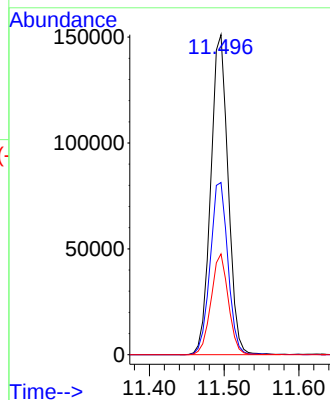
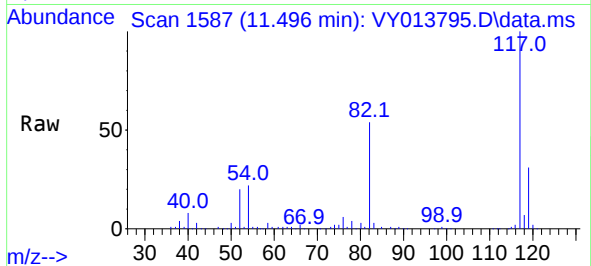




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

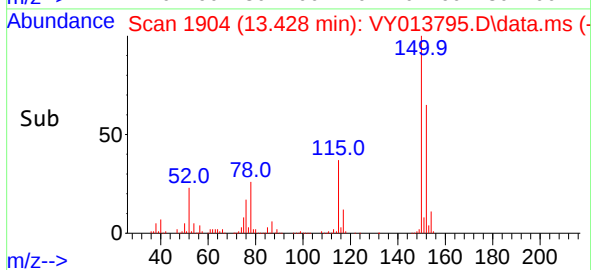
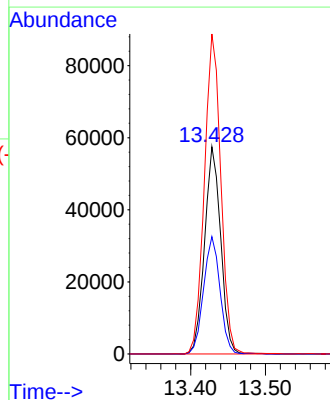
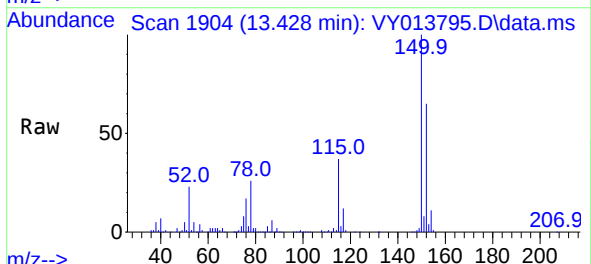
Instrument :
MSVOA_Y
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WG-0516-B1-0-2

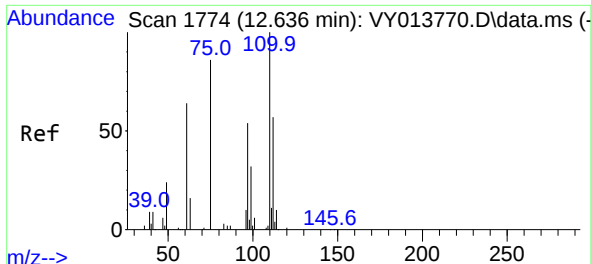
Tgt Ion:117 Resp: 243729
Ion Ratio Lower Upper
117 100
82 53.8 45.5 68.3
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Tgt Ion:152 Resp: 86067
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.5
150 157.7 0.0 347.0

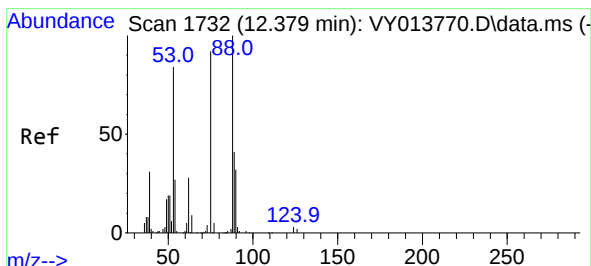
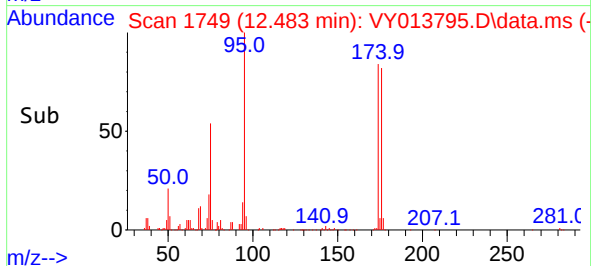
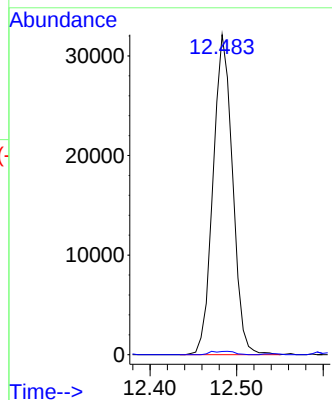
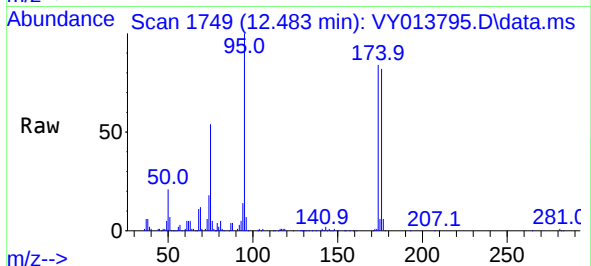




#76
1,2,3-Trichloropropane
Concen: 48.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B1-0-2

Tgt Ion: 75 Resp: 50315
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013795.D
Acq: 18 May 2023 12:42

Tgt Ion: 75 Resp: 50315
Ion Ratio Lower Upper
75 100
53 0.3 75.3 112.9#
89 0.1 35.4 53.2#

