

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014774.D
 Acq On : 24 Jul 2023 15:54
 Operator : SY/MD
 Sample : 03706-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P21ARE

Quant Time: Jul 24 16:11:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

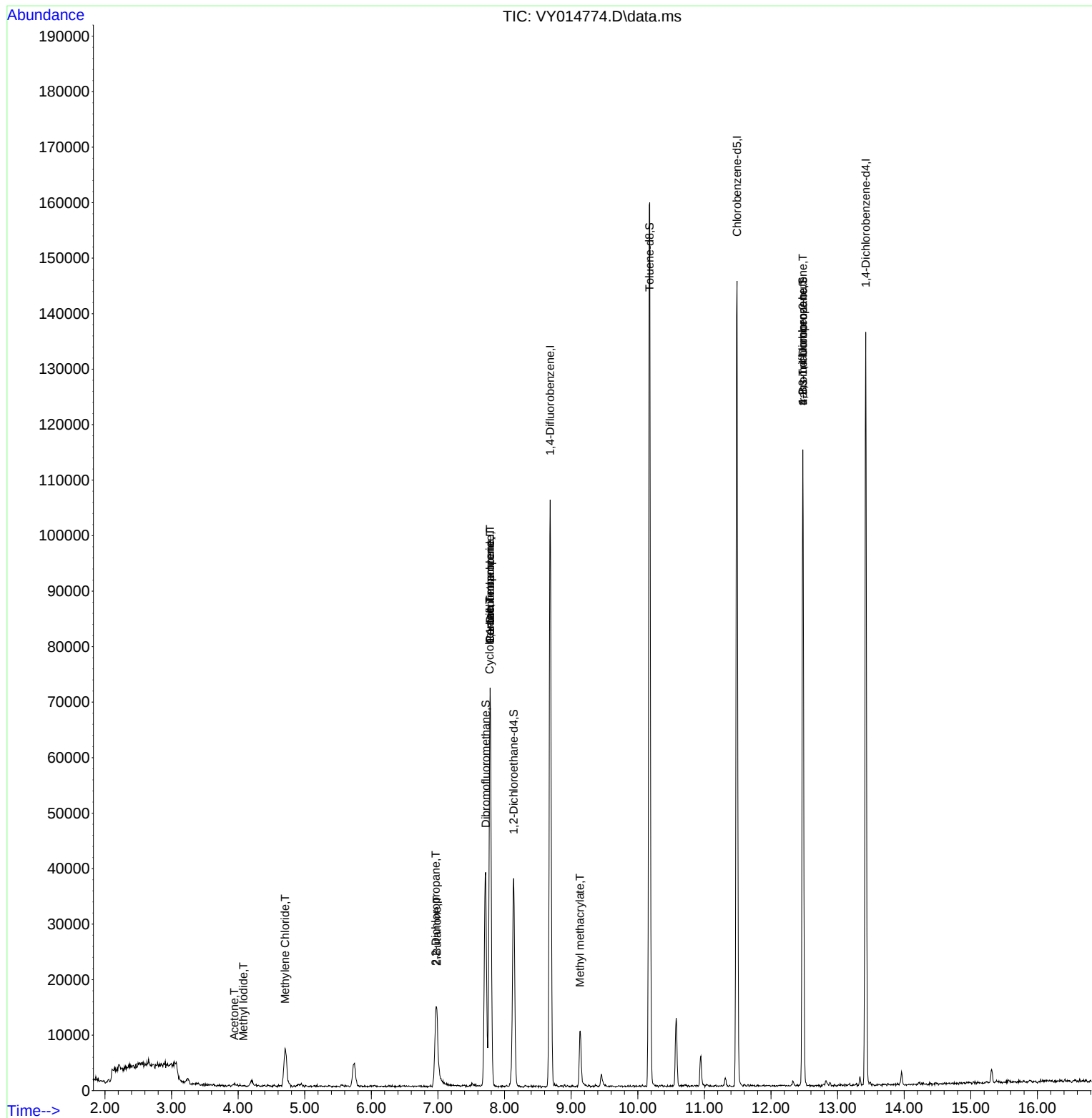
Internal Standards						
1) Pentafluorobenzene	7.783	168	55852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	80864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	28908	45.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.716	113	28036	47.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.179	98	106883	49.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.477	95	35433	42.806	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.076	142	92	2.510	ug/l #	38
11) Tert butyl alcohol	4.960	59	757	Below Cal	#	89
16) Acetone	3.942	43	557	2.762	ug/l #	46
20) Methylene Chloride	4.704	84	5332	4.276	ug/l #	85
25) 2-Butanone	6.984	43	1133	3.840	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	1293	1.194	ug/l #	54
31) Cyclohexane	7.777	56	1237	1.171	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	4251	4.855	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5467	5.906	ug/l #	17
48) Methyl methacrylate	9.130	41	1732	3.352	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	18986	43.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18986	84.756	ug/l #	10

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

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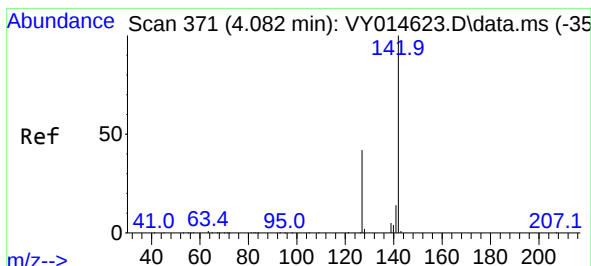
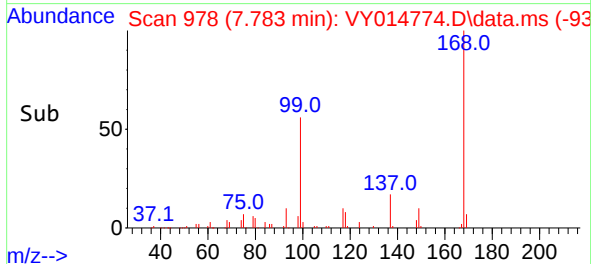
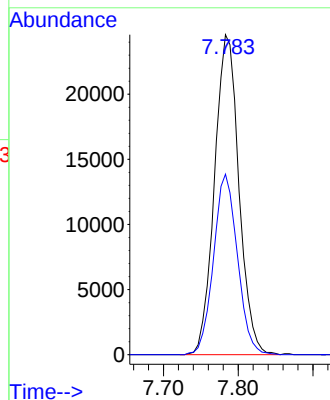
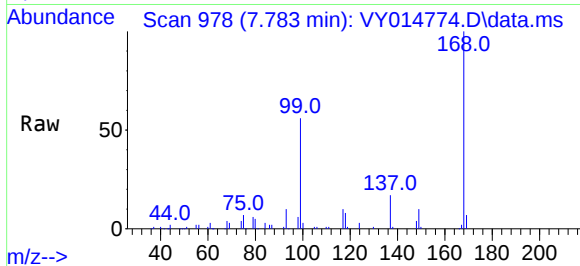




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

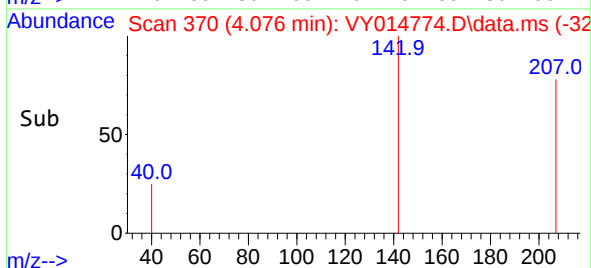
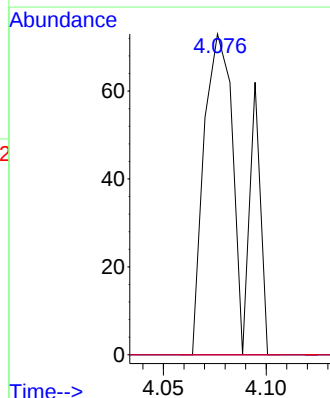
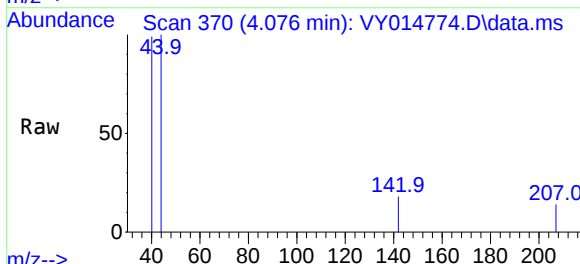
Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE

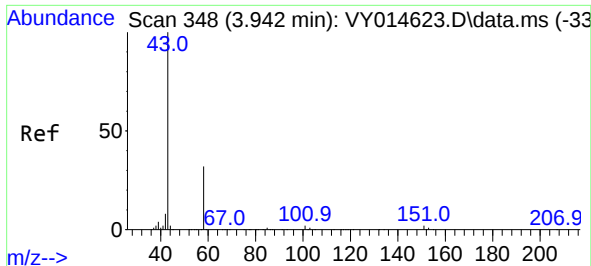
Tgt Ion:168 Resp: 55852
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.510 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

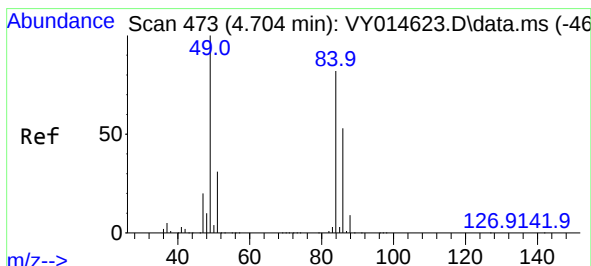
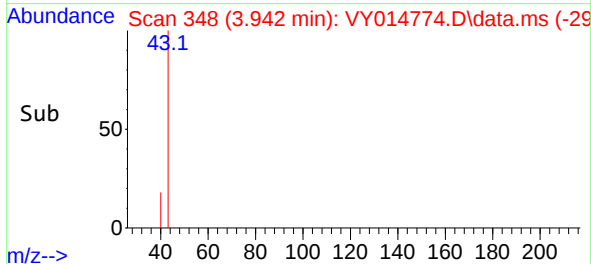
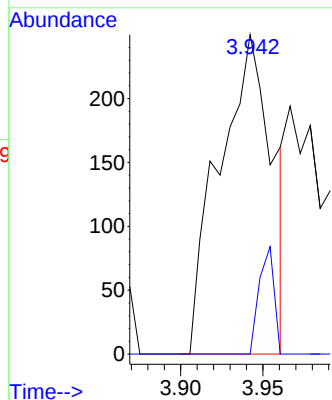
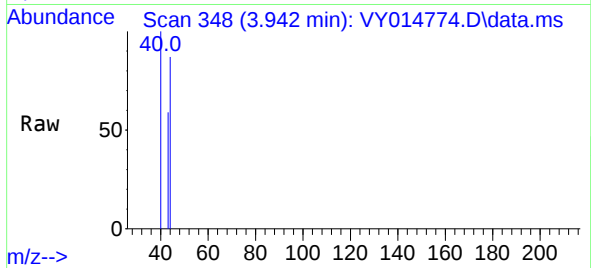




#16
Acetone
Concen: 2.762 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

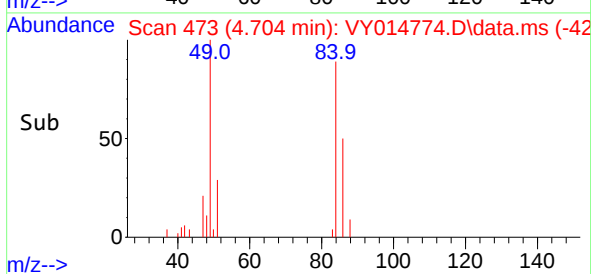
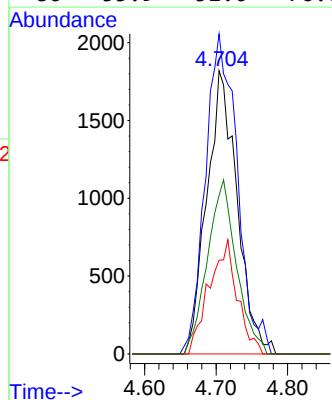
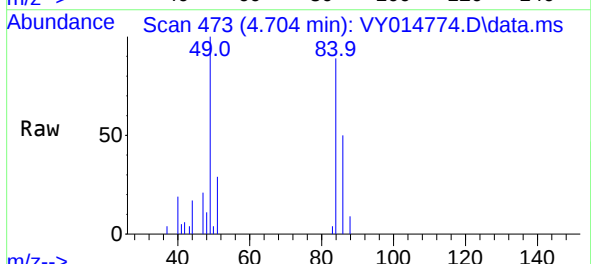
Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE

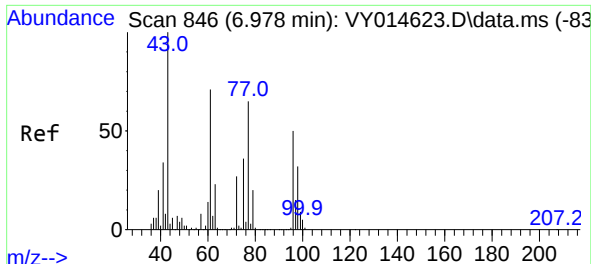
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 4.276 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Tgt Ion: 84 Resp: 5332
Ion Ratio Lower Upper
84 100
49 113.0 106.9 160.3
51 33.1 33.2 49.8#
86 55.9 51.0 76.6

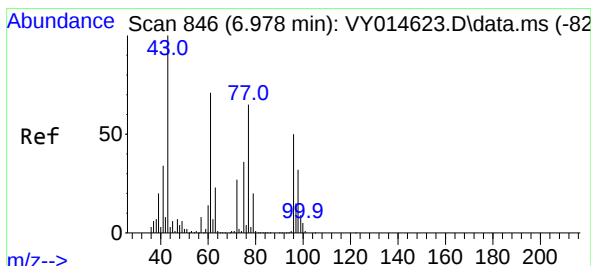
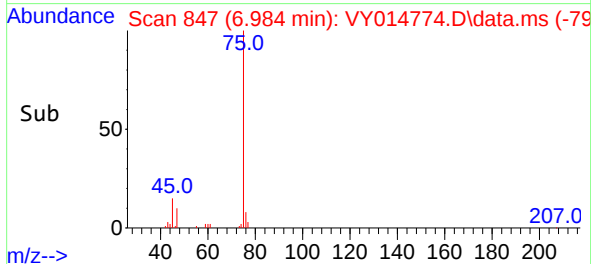
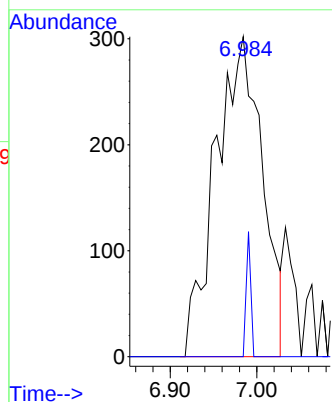
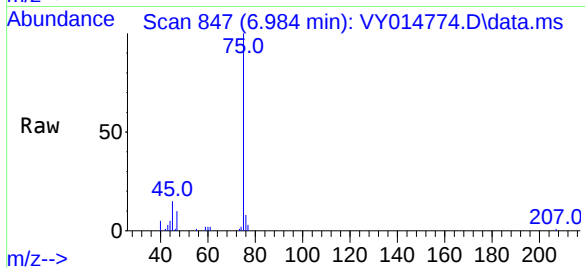




#25
2-Butanone
Concen: 3.840 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

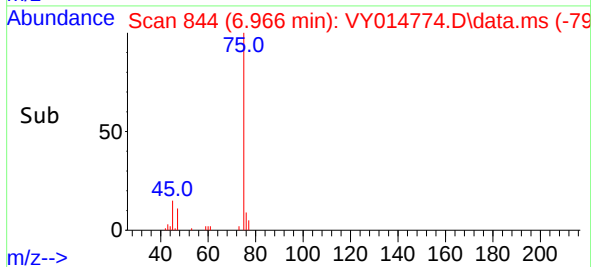
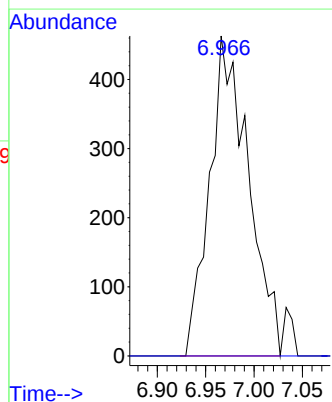
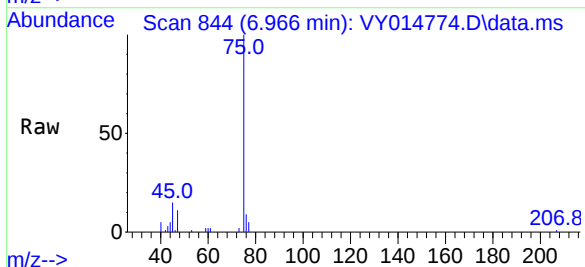
Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE

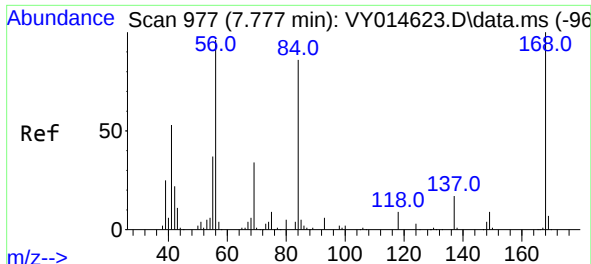
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.194 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

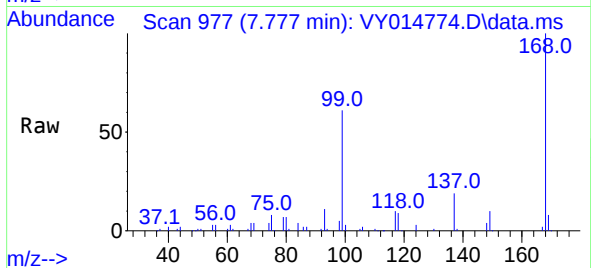
Tgt Ion: 77 Resp: 1293
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





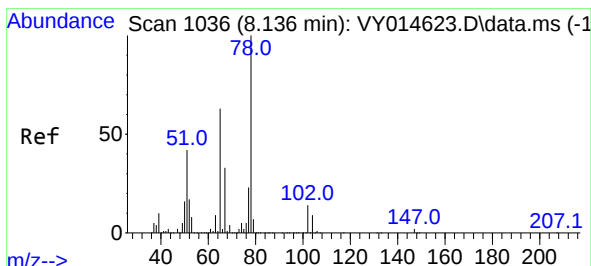
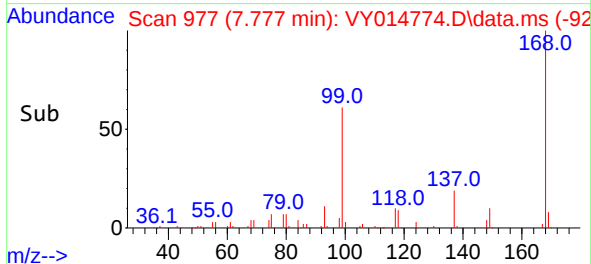
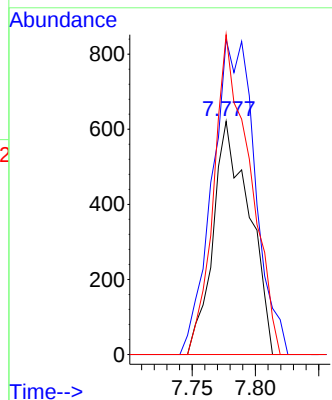
#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE



Tgt Ion: 56 Resp: 1237

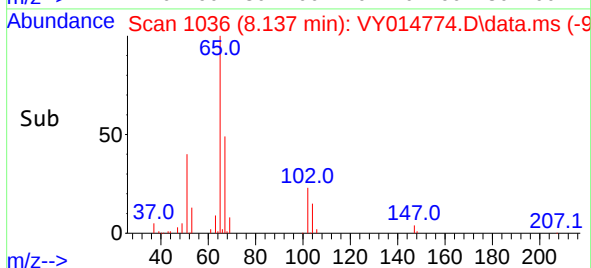
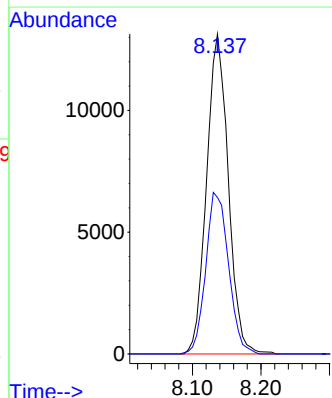
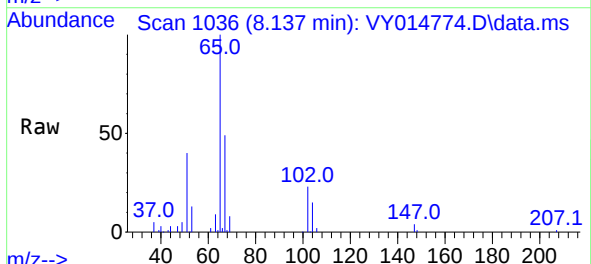
Ion	Ratio	Lower	Upper
56	100		
69	135.3	27.8	41.6#
84	137.2	66.4	99.6#

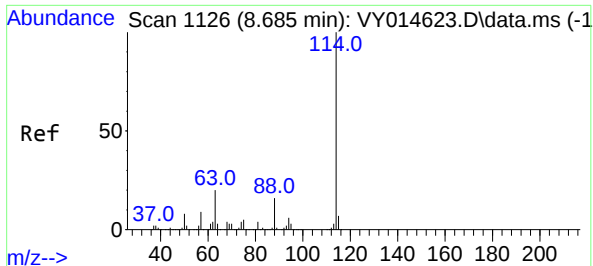


#33
1,2-Dichloroethane-d4
Concen: 45.420 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Tgt Ion: 65 Resp: 28908

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014774.D

Acq: 24 Jul 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

B-P21ARE

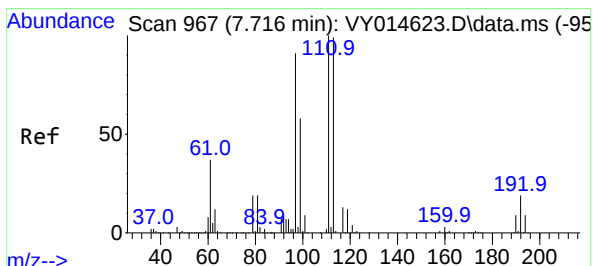
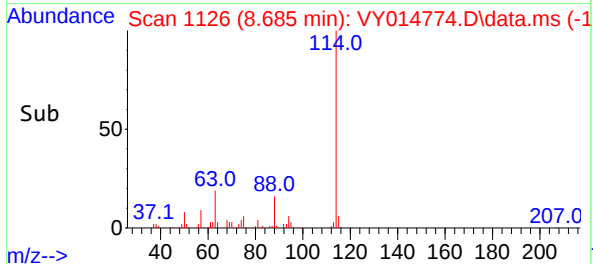
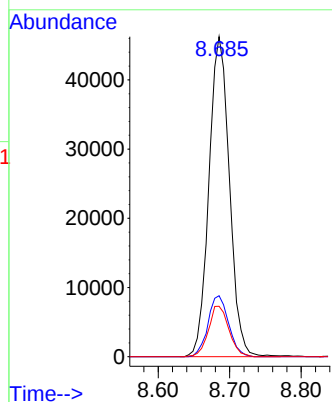
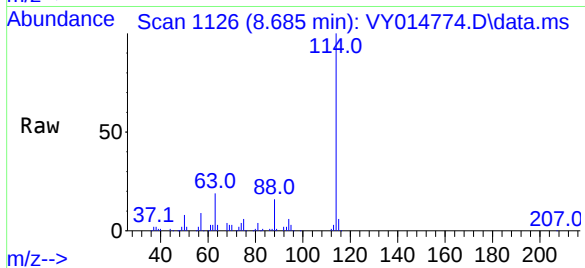
Tgt Ion:114 Resp: 91983

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.880 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014774.D

Acq: 24 Jul 2023 15:54

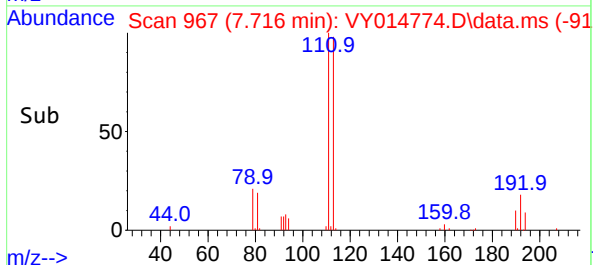
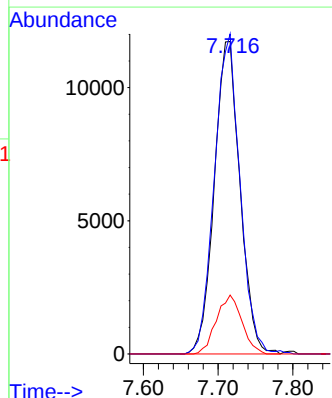
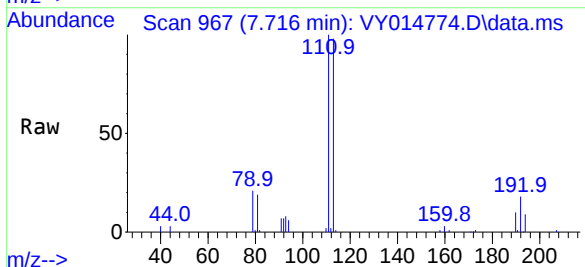
Tgt Ion:113 Resp: 28036

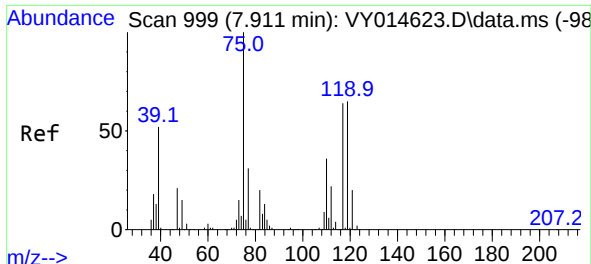
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 18.7 16.9 25.3

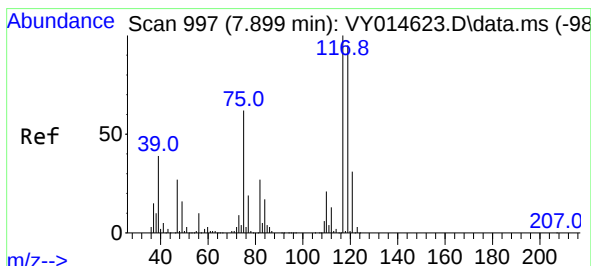
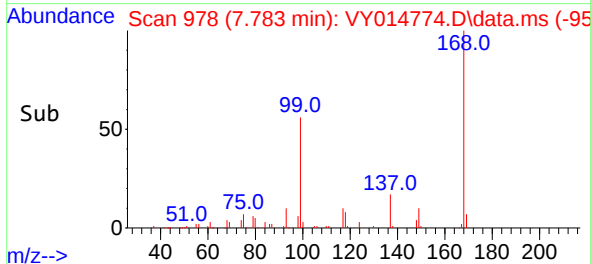
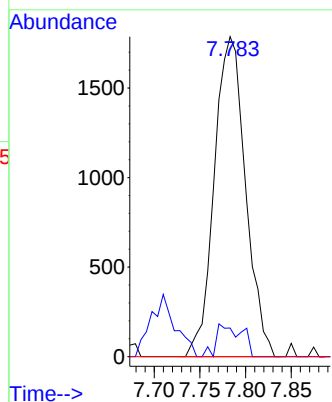
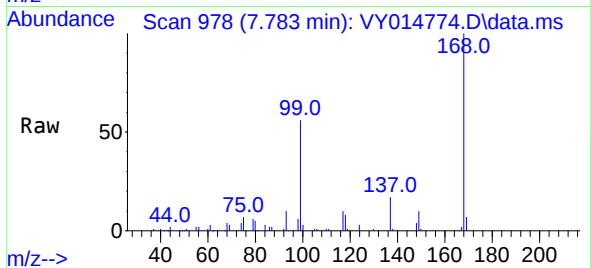




#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

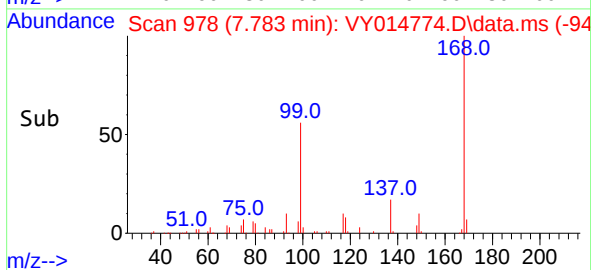
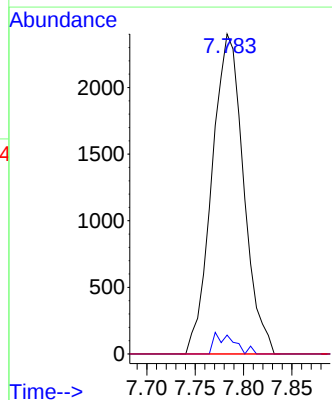
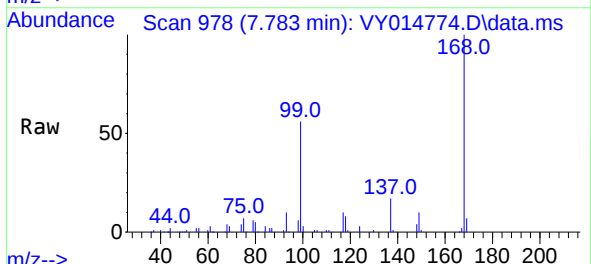
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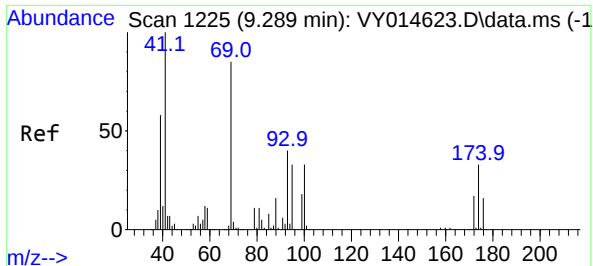
Tgt Ion: 75 Resp: 4251
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Tgt Ion: 117 Resp: 5467
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#





#48

Methyl methacrylate

Concen: 3.352 ug/l

RT: 9.130 min Scan# 1199

Delta R.T. -0.159 min

Lab File: VY014774.D

Acq: 24 Jul 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

B-P21ARE

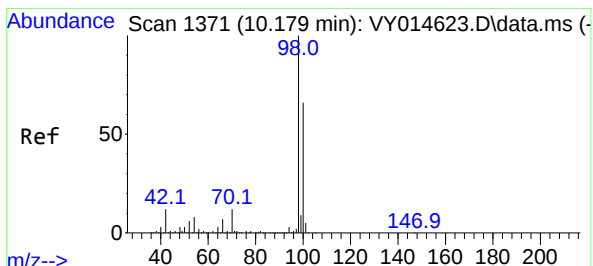
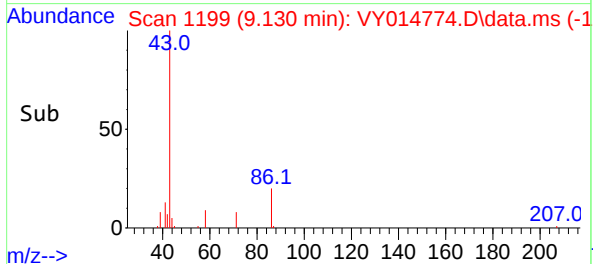
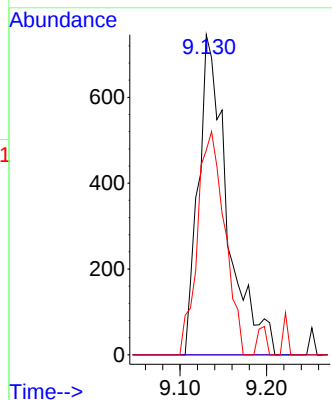
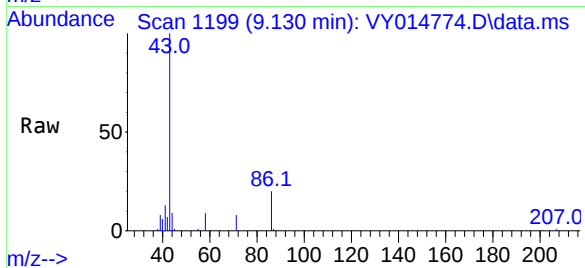
Tgt Ion: 41 Resp: 1732

Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 65.6 50.8 76.2



#50

Toluene-d8

Concen: 49.511 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014774.D

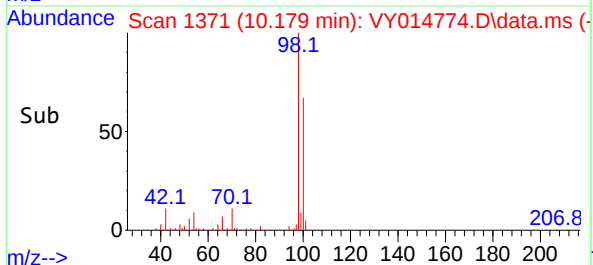
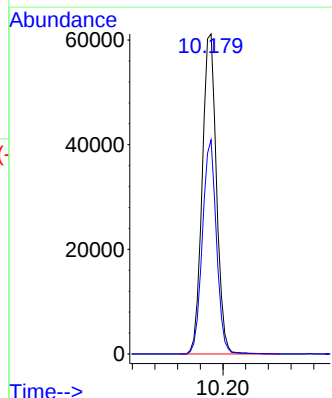
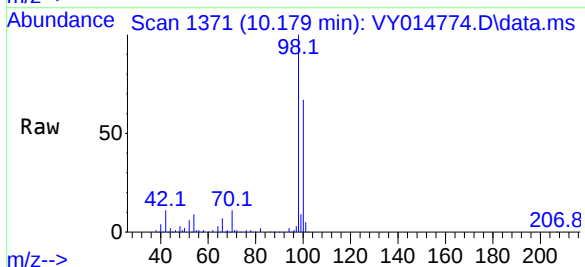
Acq: 24 Jul 2023 15:54

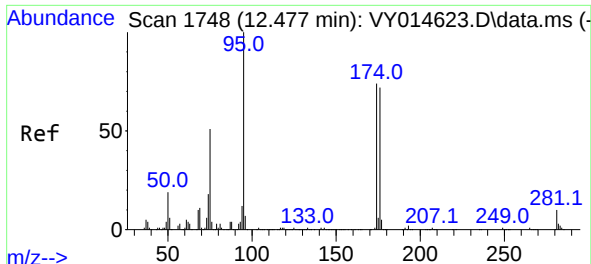
Tgt Ion: 98 Resp: 106883

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

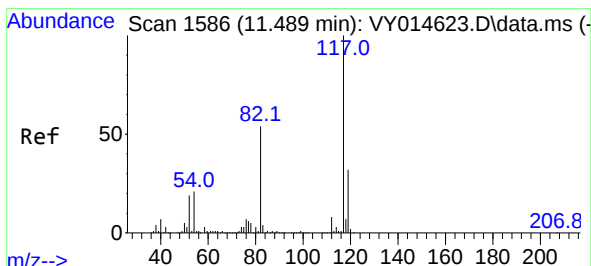
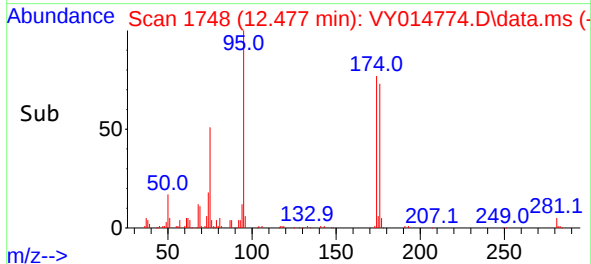
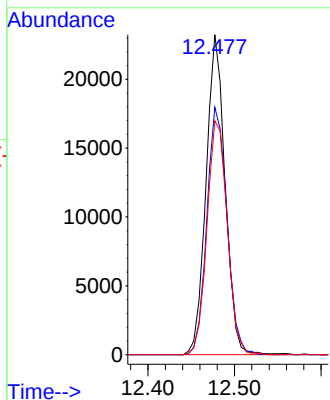
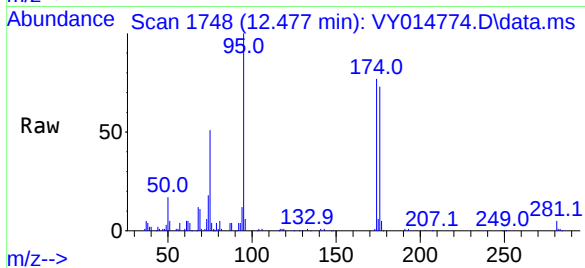




#62
4-Bromofluorobenzene
Concen: 42.806 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

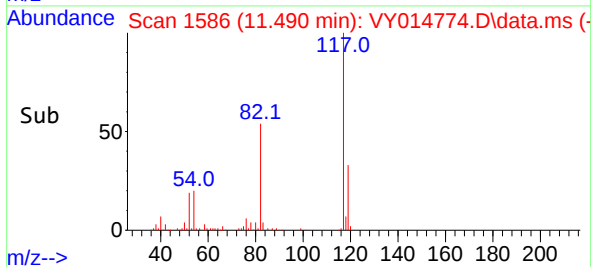
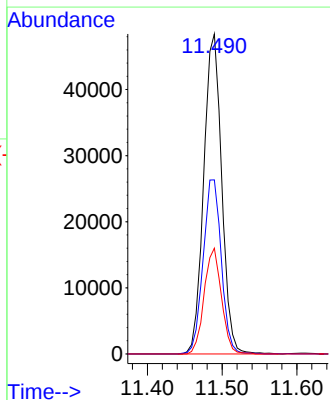
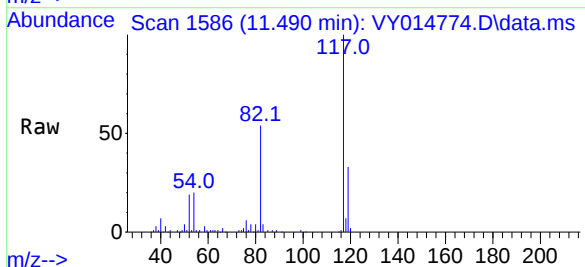
Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE

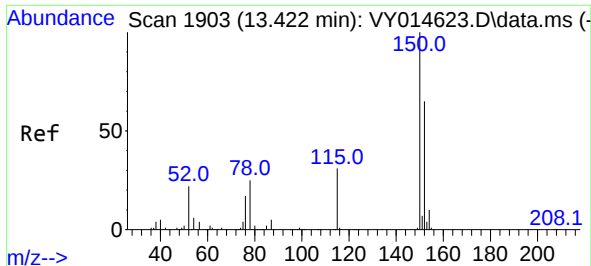
Tgt Ion:	95	Resp:	35433
Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	178.2
176	78.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Tgt Ion:	117	Resp:	80864
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	33.1	26.3	39.5

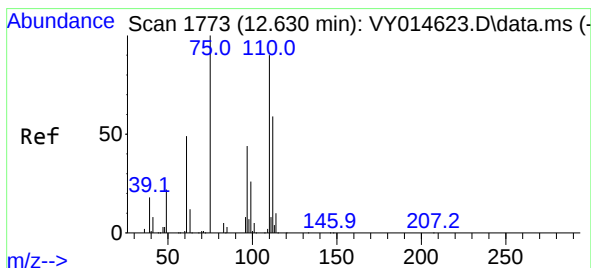
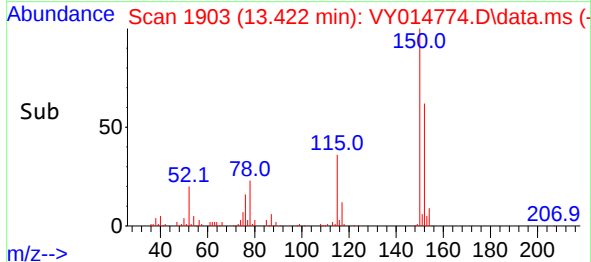
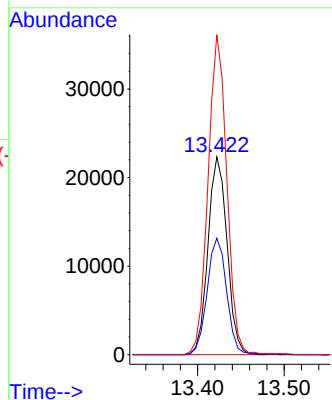
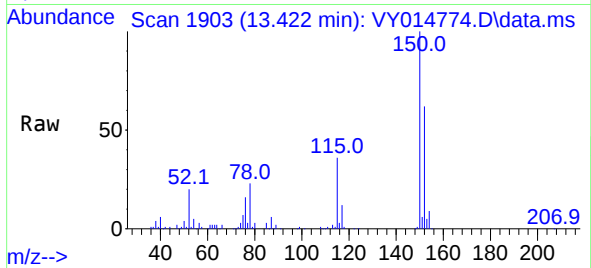




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

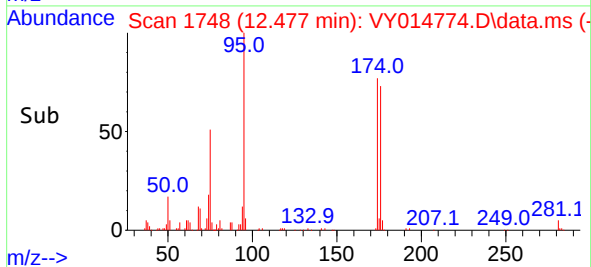
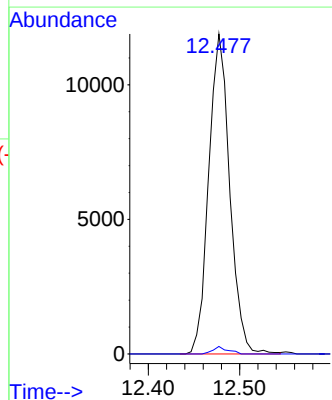
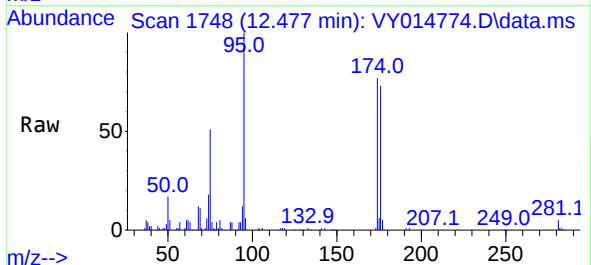
Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE

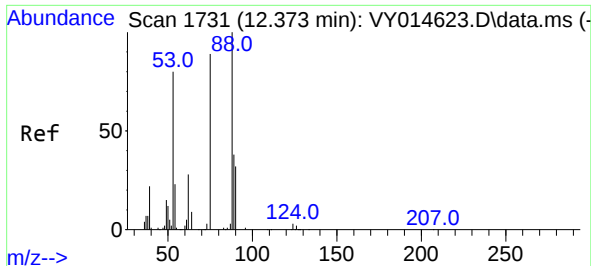
Tgt Ion:152 Resp: 34341
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.5
150 158.4 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 43.775 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

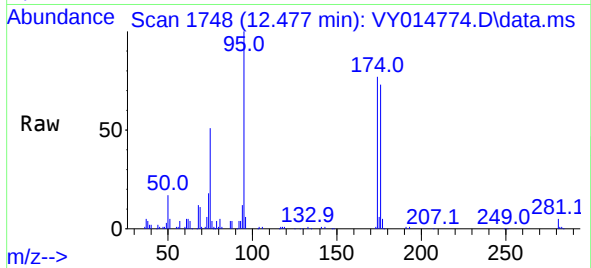
Tgt Ion: 75 Resp: 18986
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.756 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014774.D
Acq: 24 Jul 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :
B-P21ARE



Tgt Ion: 75 Resp: 18986
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

