

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014847.D
 Acq On : 26 Jul 2023 14:19
 Operator : SY/MD
 Sample : 03717-01
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 14:37:37 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)

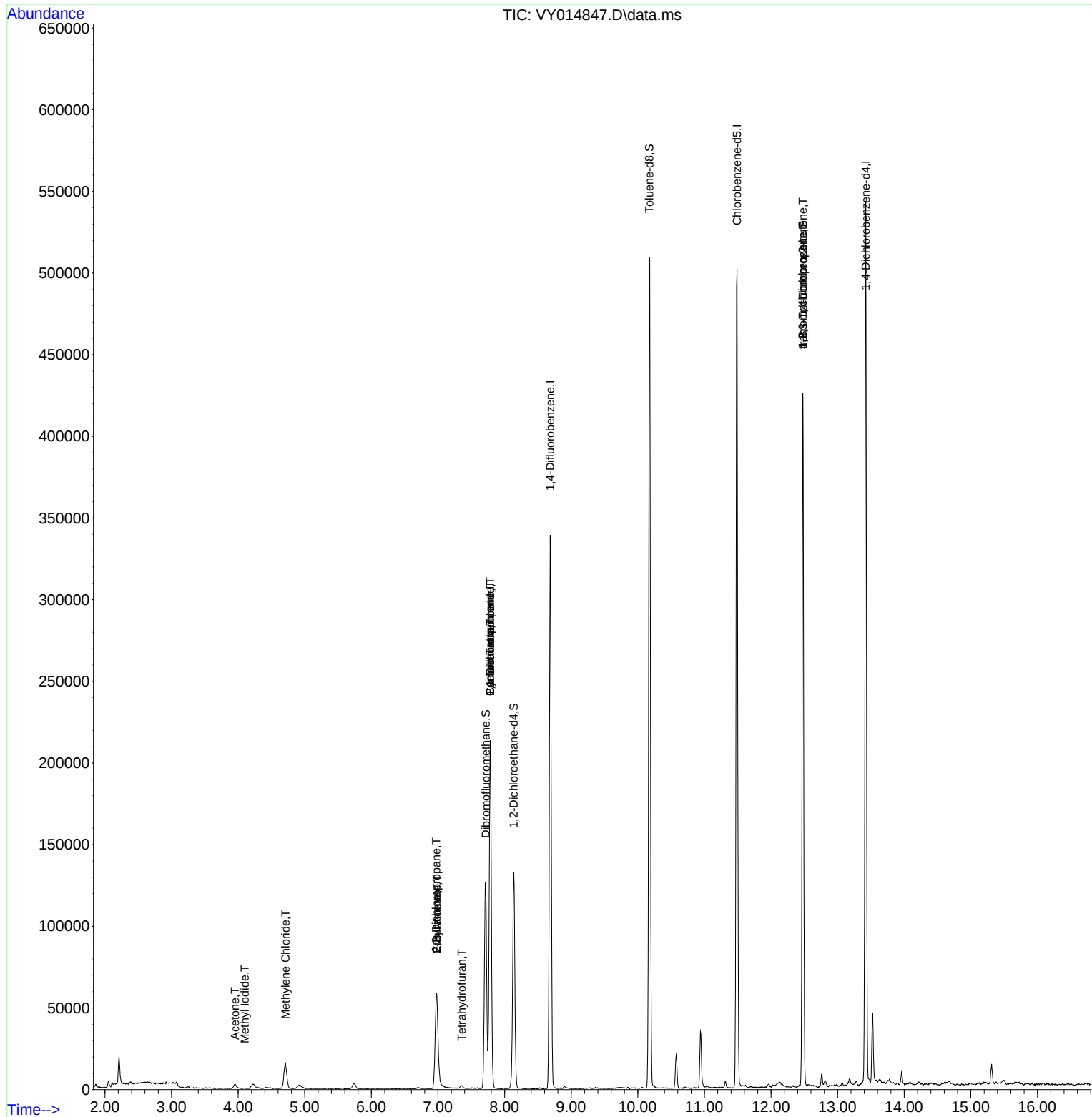
Internal Standards						
1) Pentafluorobenzene	7.783	168	162930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103128	55.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.100%	
35) Dibromofluoromethane	7.716	113	91860	50.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.800%	
50) Toluene-d8	10.173	98	343072	51.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.477	95	129055	50.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.180%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	177	2.462	ug/l #	73
11) Tert butyl alcohol	4.936	59	3097	Below Cal	#	91
16) Acetone	3.954	43	4845	8.235	ug/l	94
20) Methylene Chloride	4.710	84	11607	2.021	ug/l	93
25) 2-Butanone	6.984	43	7041	8.180	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	4354	1.379	ug/l #	54
29) Tetrahydrofuran	7.356	42	1378	2.600	ug/l	96
31) Cyclohexane	7.783	56	3545	1.150	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	13095	4.804	ug/l #	50
37) Ethyl Acetate	6.984	43	7041	3.752	ug/l #	52
38) Carbon Tetrachloride	7.783	117	16430	5.702	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	67584	39.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67584	77.427	ug/l #	10

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

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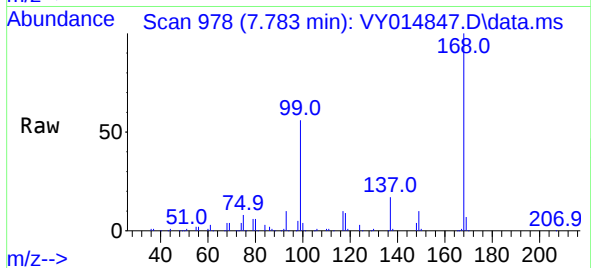
Quant Time: Jul 26 14:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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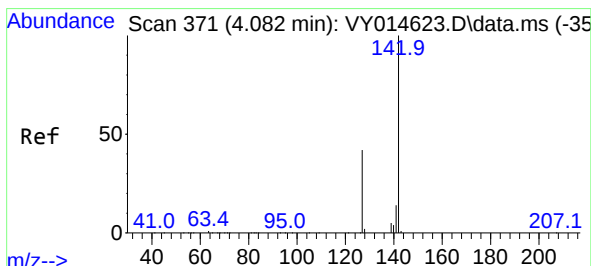
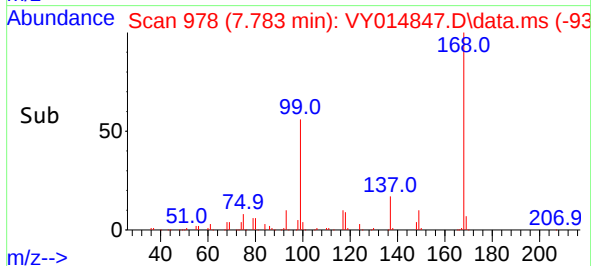
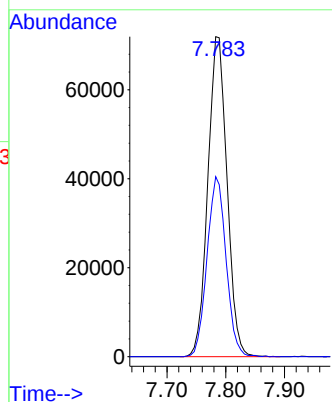


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :

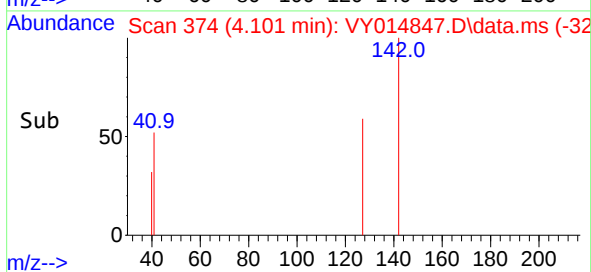
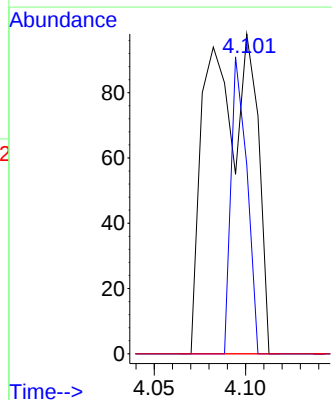
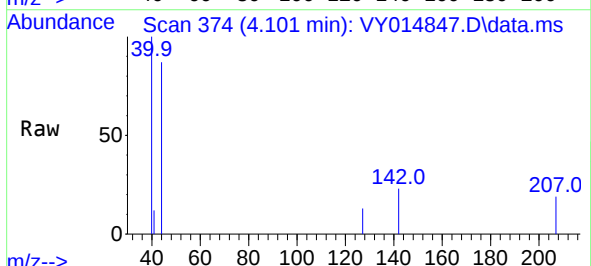


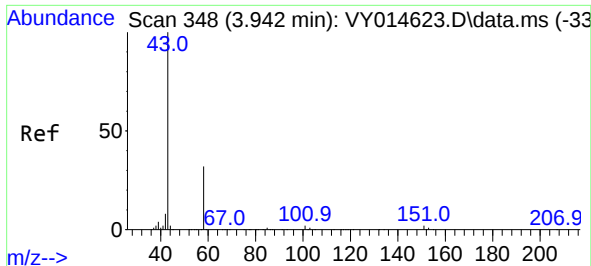
Tgt Ion:168 Resp: 162930
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#10
Methyl Iodide
Concen: 2.462 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion:142 Resp: 177
Ion Ratio Lower Upper
142 100
127 31.1 37.6 56.4#
141 0.0 11.8 17.8#

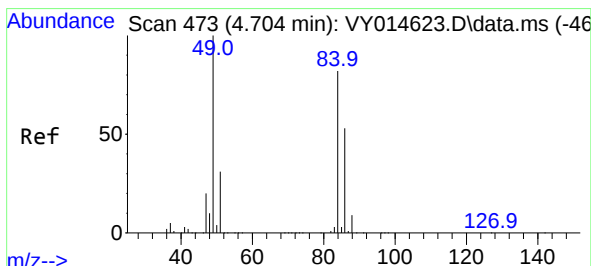
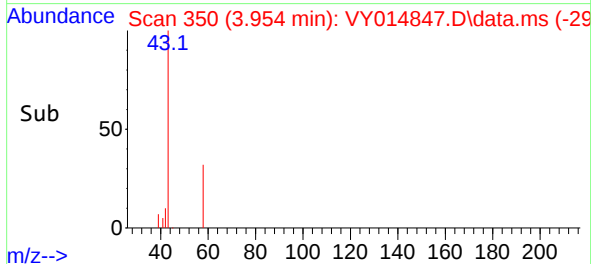
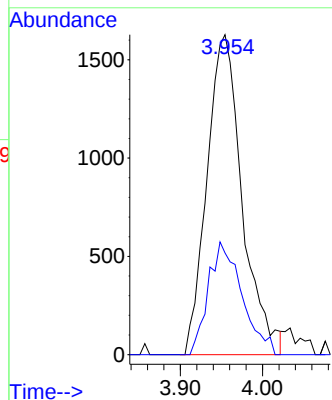
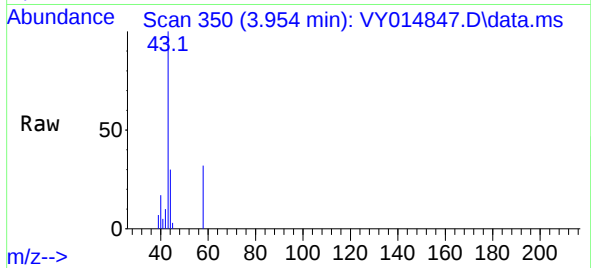




#16
Acetone
Concen: 8.235 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

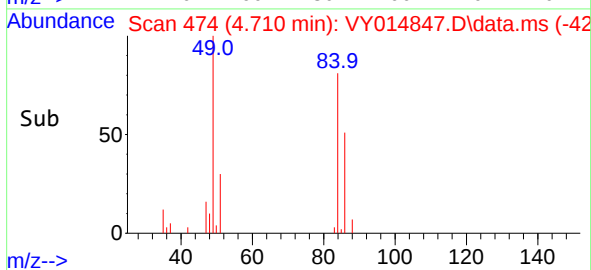
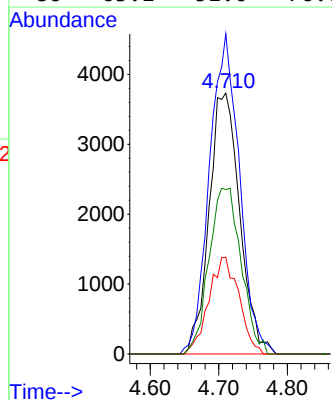
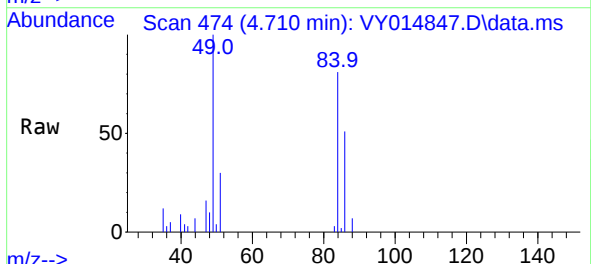
Instrument :
MSVOA_Y
ClientSampleId :

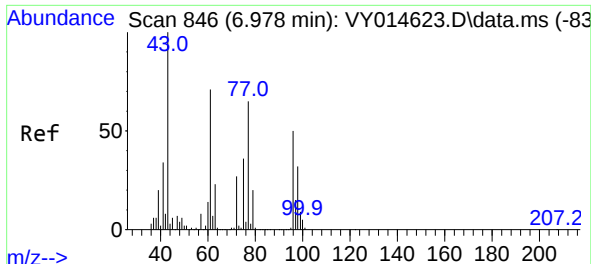
Tgt Ion: 43 Resp: 4845
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1



#20
Methylene Chloride
Concen: 2.021 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion: 84 Resp: 11607
Ion Ratio Lower Upper
84 100
49 122.7 106.9 160.3
51 37.1 33.2 49.8
86 63.1 51.0 76.6





#25

2-Butanone

Concen: 8.180 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

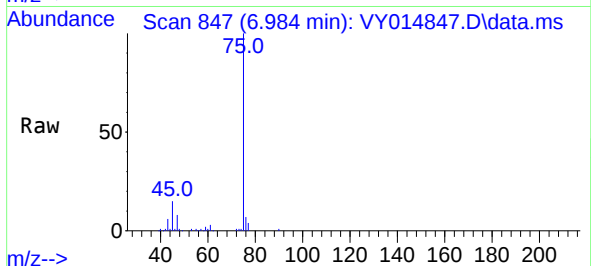
Lab File: VY014847.D

Acq: 26 Jul 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

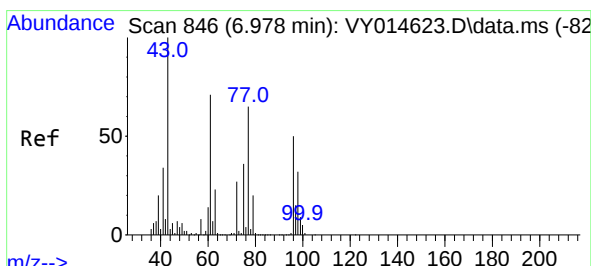
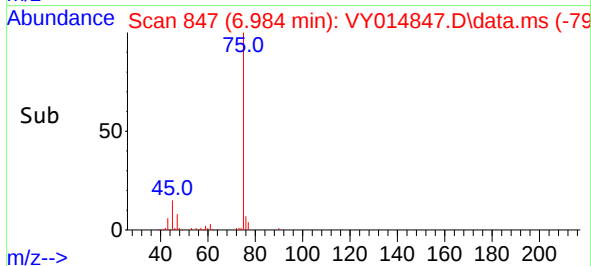
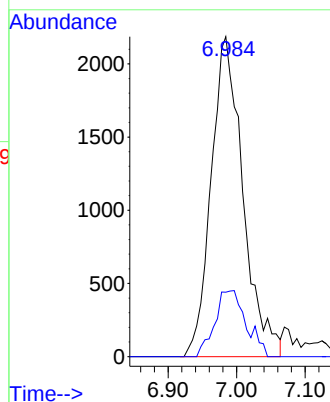


Tgt Ion: 43 Resp: 7041

Ion Ratio Lower Upper

43 100

72 20.1 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.379 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014847.D

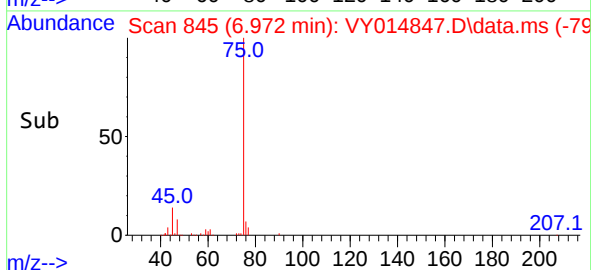
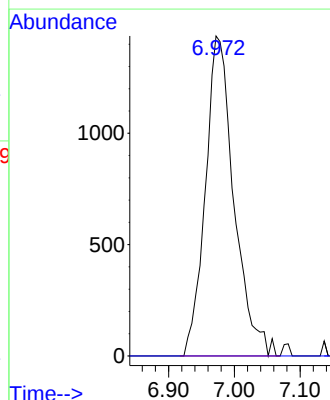
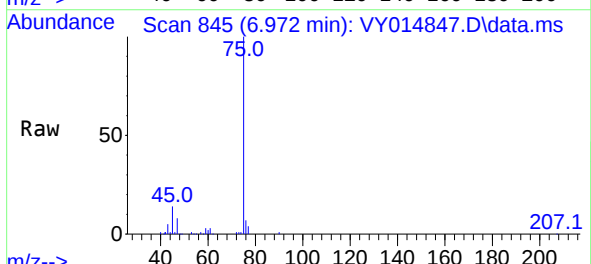
Acq: 26 Jul 2023 14:19

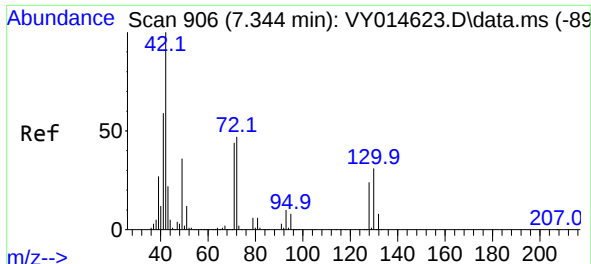
Tgt Ion: 77 Resp: 4354

Ion Ratio Lower Upper

77 100

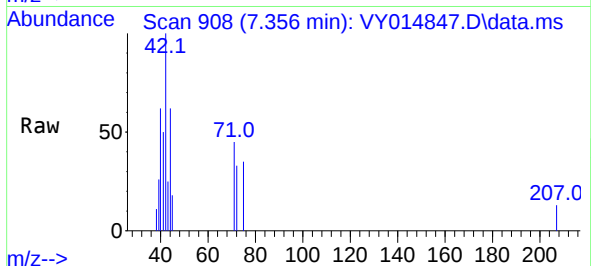
97 0.0 10.9 32.9#





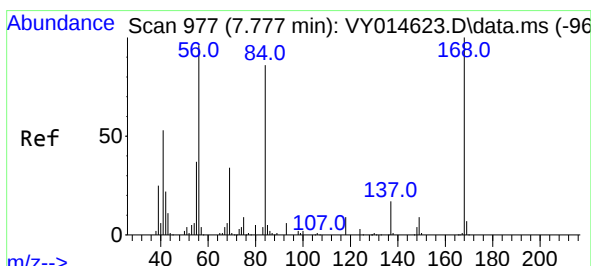
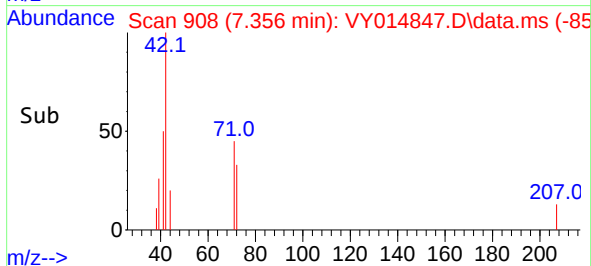
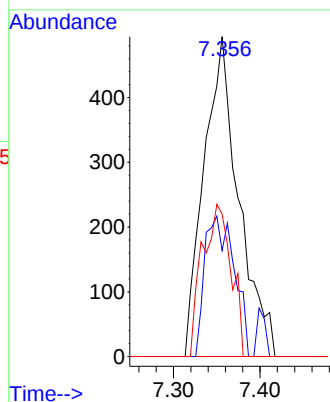
#29
Tetrahydrofuran
Concen: 2.600 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 42 Resp: 1378

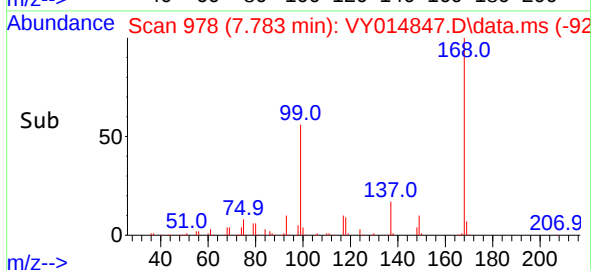
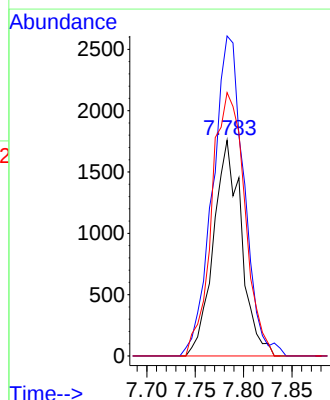
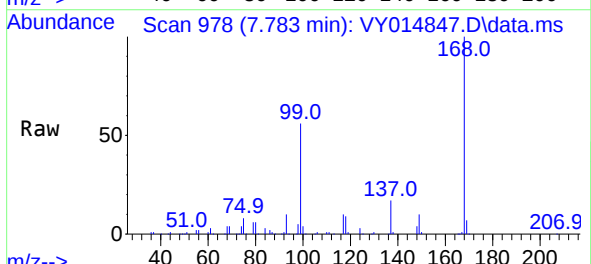
Ion	Ratio	Lower	Upper
42	100		
72	37.2	32.8	49.2
71	39.4	31.0	46.4

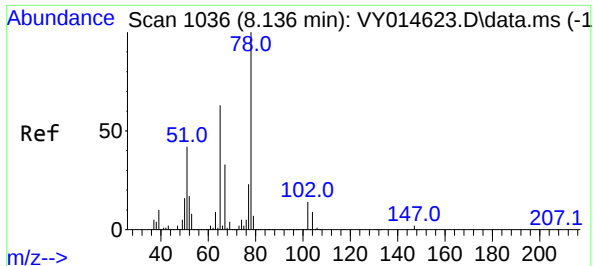


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion: 56 Resp: 3545

Ion	Ratio	Lower	Upper
56	100		
69	148.3	27.8	41.6#
84	122.1	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.545 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014847.D

Acq: 26 Jul 2023 14:19

Instrument :

MSVOA_Y

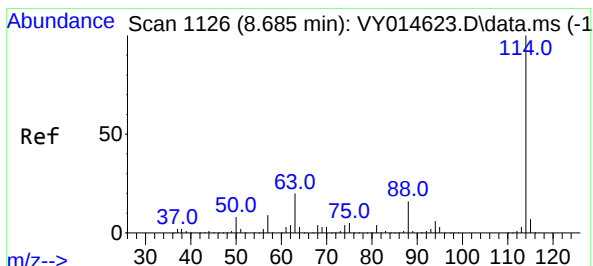
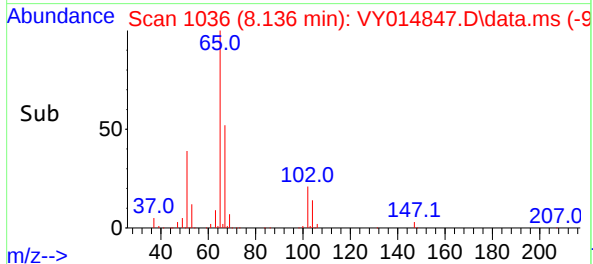
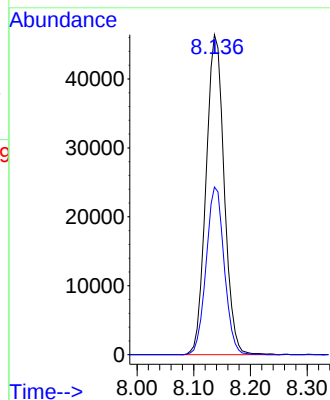
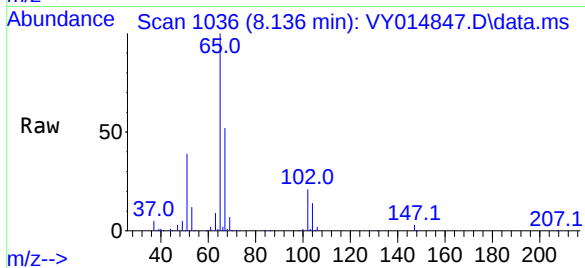
ClientSampleId :

Tgt Ion: 65 Resp: 103128

Ion Ratio Lower Upper

65 100

67 52.3 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: VY014847.D

Acq: 26 Jul 2023 14:19

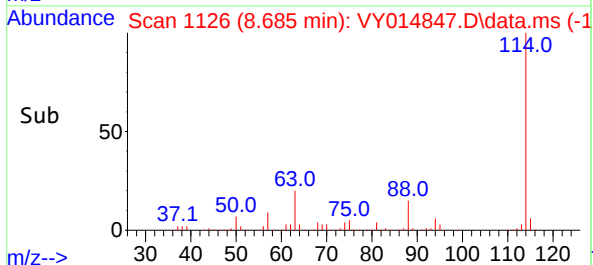
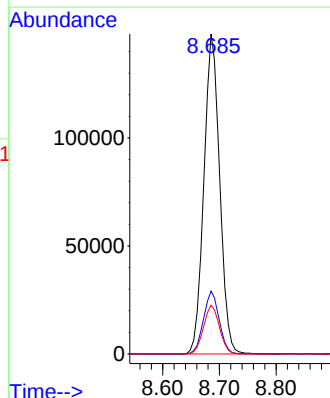
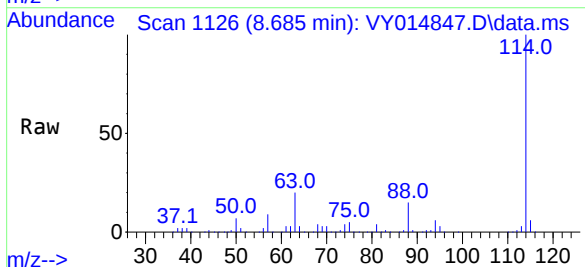
Tgt Ion: 114 Resp: 286310

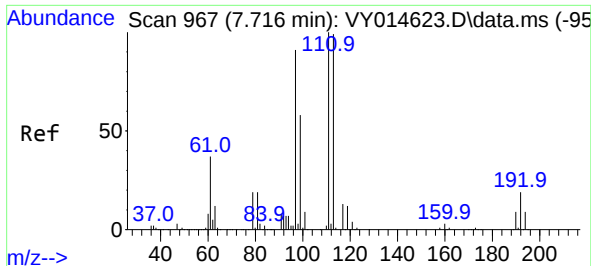
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

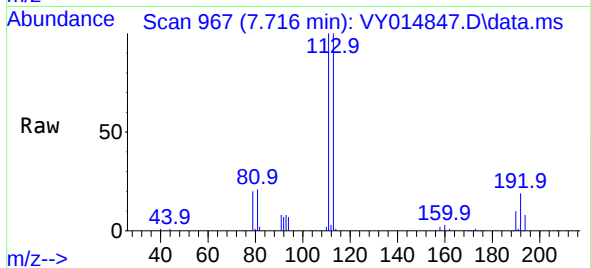
88 15.3 0.0 30.6



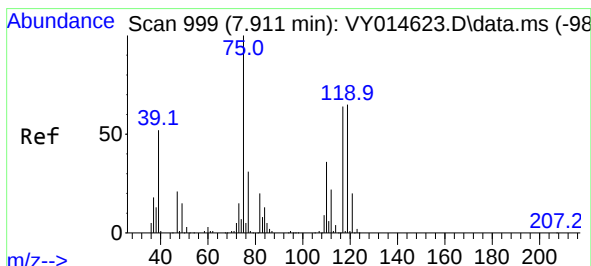
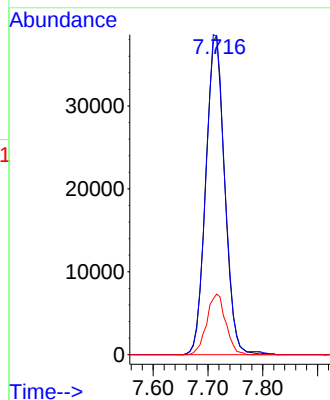
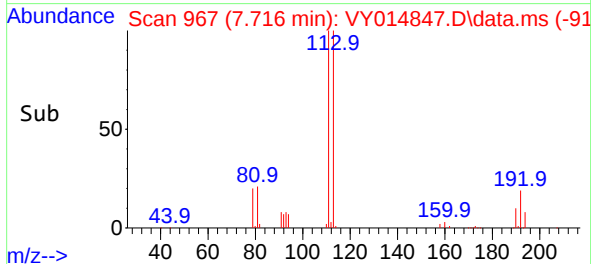


#35
Dibromofluoromethane
Concen: 50.401 ug/l
RT: 7.716 min Scan# 918
Delta R.T. -0.000 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

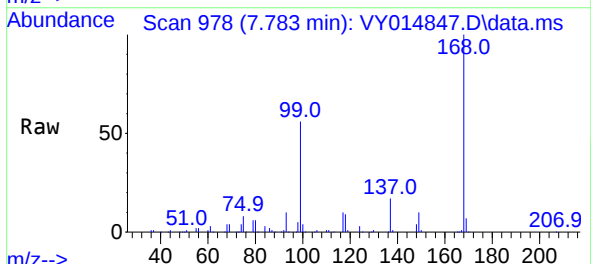
Instrument :
MSVOA_Y
ClientSampleId :



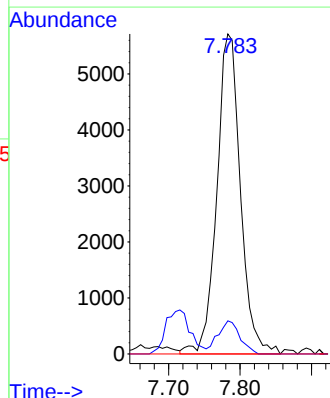
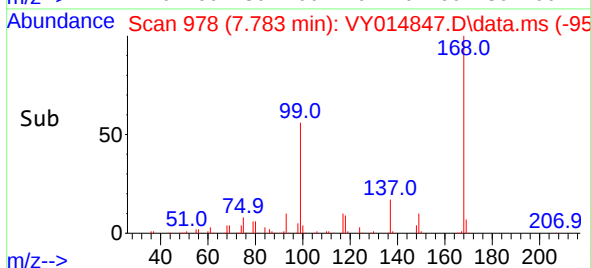
Tgt Ion:113 Resp: 91860
Ion Ratio Lower Upper
113 100
111 100.2 81.3 121.9
192 19.1 16.9 25.3

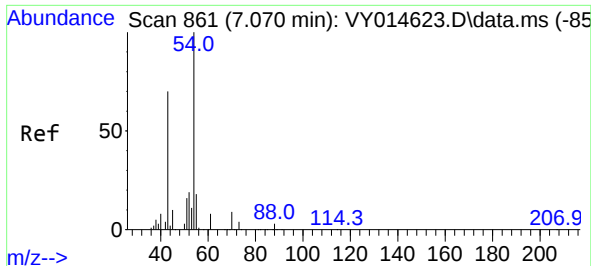


#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19



Tgt Ion: 75 Resp: 13095
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.752 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

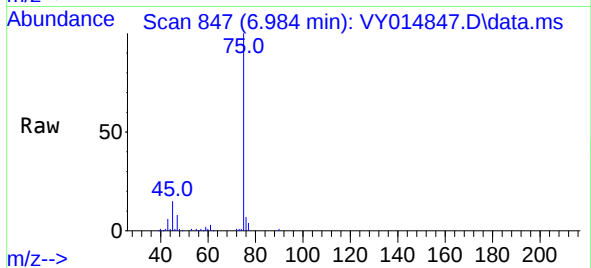
Lab File: VY014847.D

Acq: 26 Jul 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :



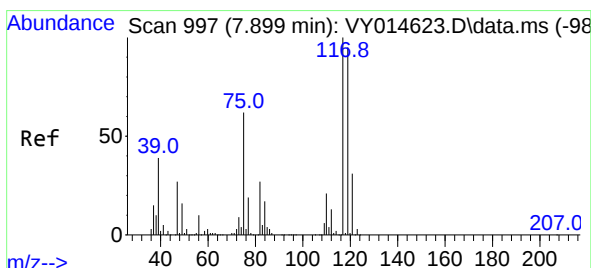
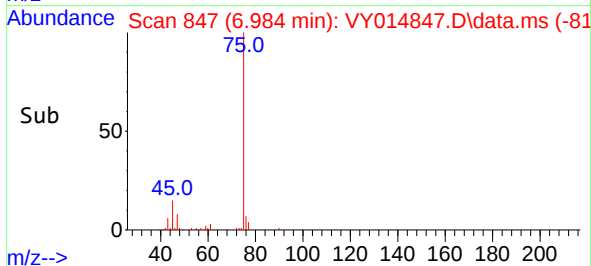
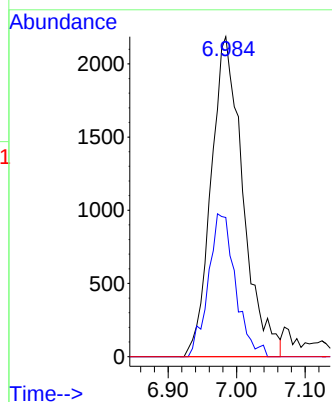
Tgt Ion: 43 Resp: 7041

Ion Ratio Lower Upper

43 100

61 38.1 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.702 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY014847.D

Acq: 26 Jul 2023 14:19

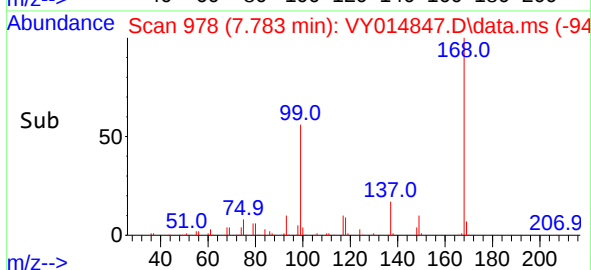
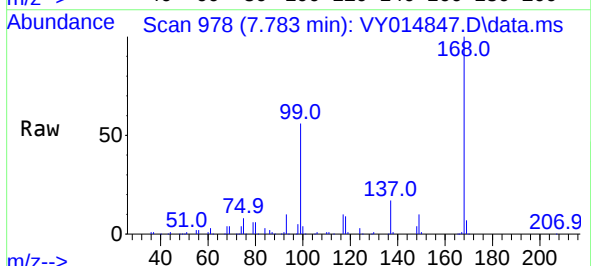
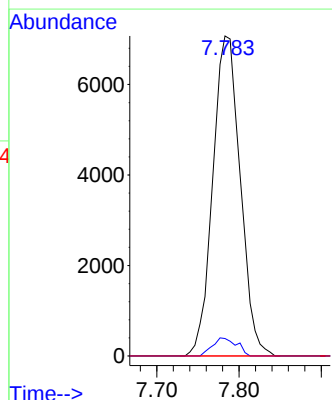
Tgt Ion: 117 Resp: 16430

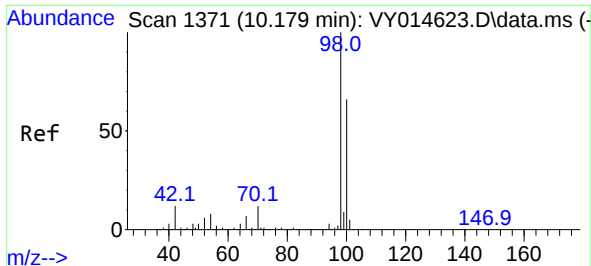
Ion Ratio Lower Upper

117 100

119 5.5 76.4 114.6#

121 0.0 25.8 38.6#

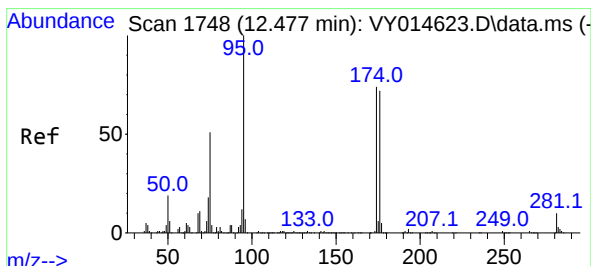
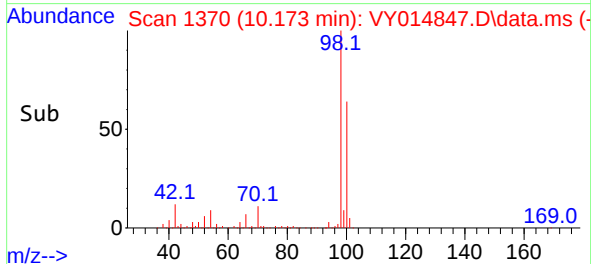
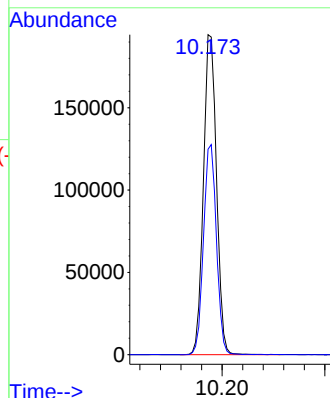
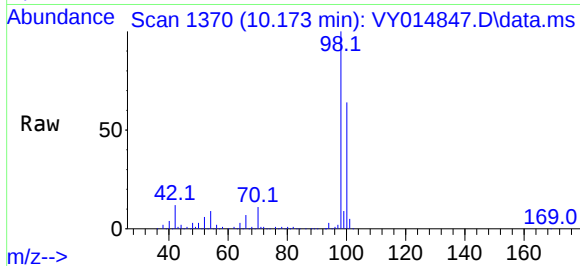




#50
Toluene-d8
Concen: 51.056 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

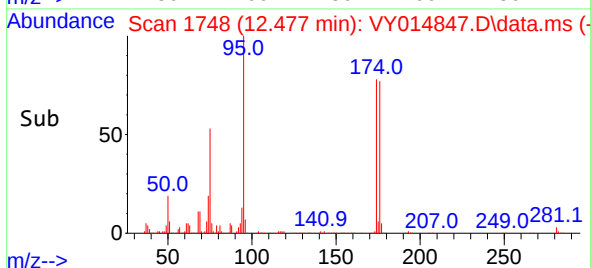
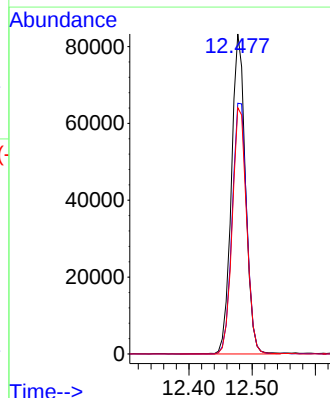
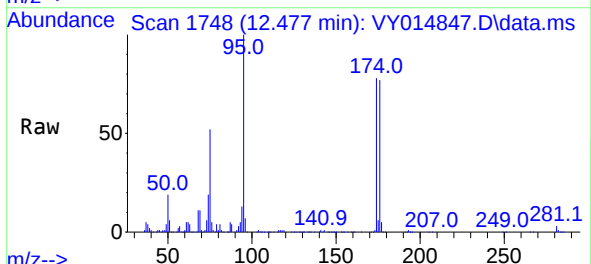
Instrument :
MSVOA_Y
ClientSampleId :

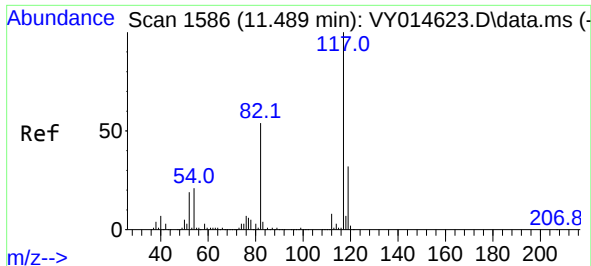
Tgt Ion: 98 Resp: 343072
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

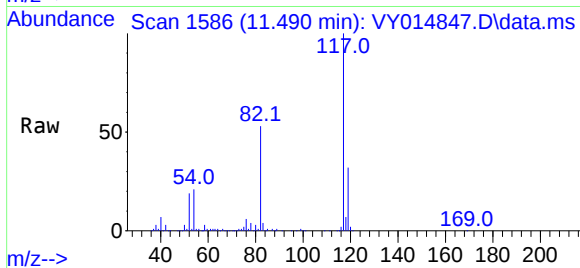
Tgt Ion: 95 Resp: 129055
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 78.3 0.0 173.8



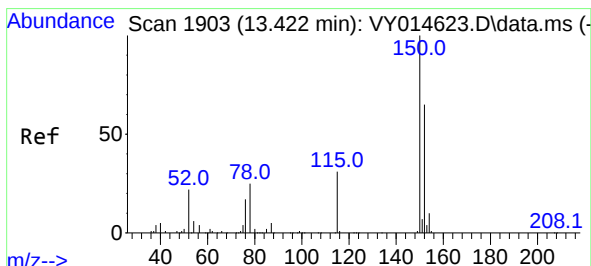
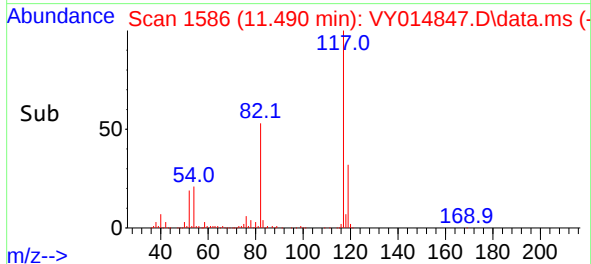
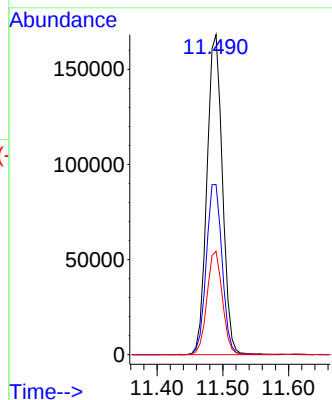


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :

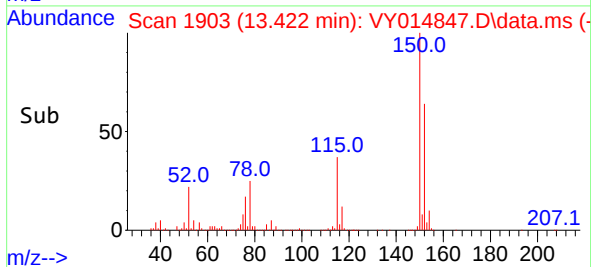
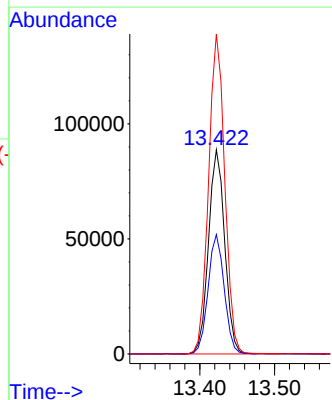
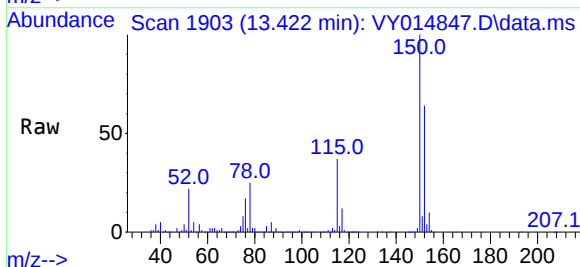


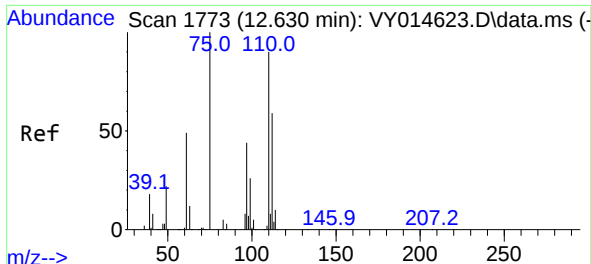
Tgt Ion:117 Resp: 275591
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion:152 Resp: 133815
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 156.0 0.0 348.8

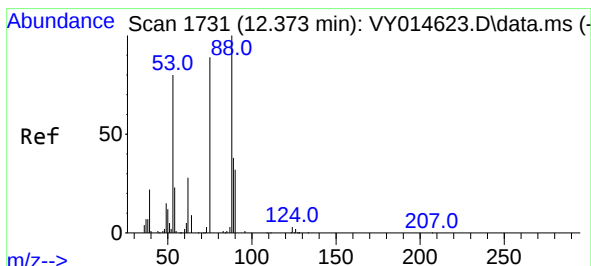
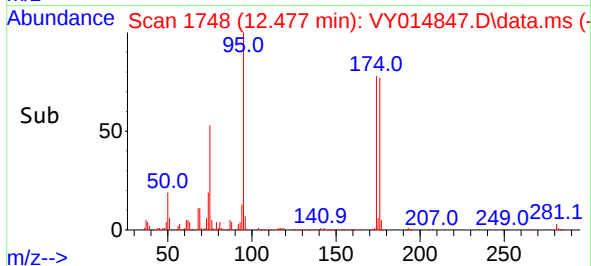
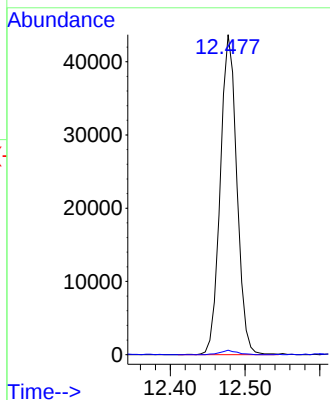
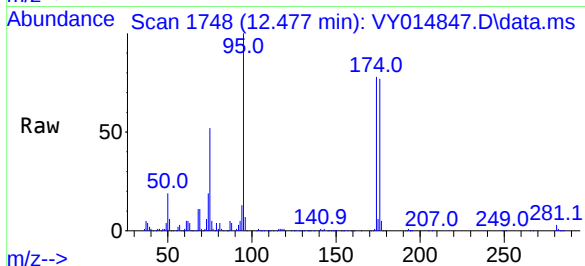




#76
1,2,3-Trichloropropane
Concen: 39.989 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67584
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.427 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014847.D
Acq: 26 Jul 2023 14:19

Tgt Ion: 75 Resp: 67584
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

