

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014880.D
 Acq On : 27 Jul 2023 14:19
 Operator : SY/MD
 Sample : 03686-17
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:46 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)

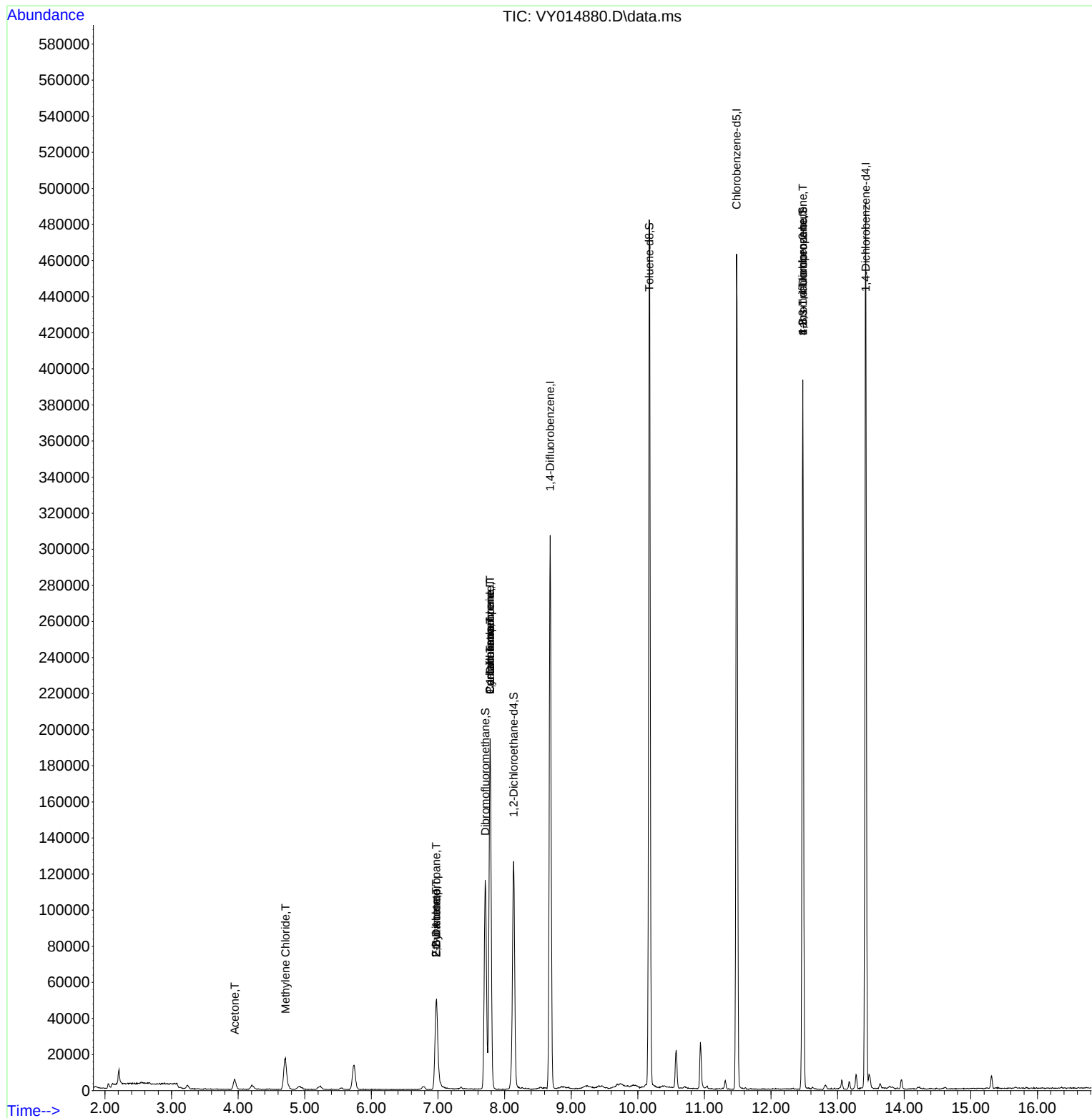
Internal Standards						
1) Pentafluorobenzene	7.783	168	147492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	250051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94827	56.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.840%	
35) Dibromofluoromethane	7.710	113	82400	49.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.760%	
50) Toluene-d8	10.173	98	308629	50.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.477	95	116570	49.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	1427	Below Cal	#	89
16) Acetone	3.948	43	9987	18.751	ug/l	96
20) Methylene Chloride	4.710	84	12964	3.572	ug/l	91
25) 2-Butanone	6.972	43	3197	4.103	ug/l #	70
26) 2,2-Dichloropropane	6.972	77	3859	1.350	ug/l #	54
31) Cyclohexane	7.783	56	3293	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12117	4.855	ug/l #	50
37) Ethyl Acetate	6.972	43	3197	1.861	ug/l #	2
38) Carbon Tetrachloride	7.783	117	14784	5.604	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	61041	39.608	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61041	76.689	ug/l #	11

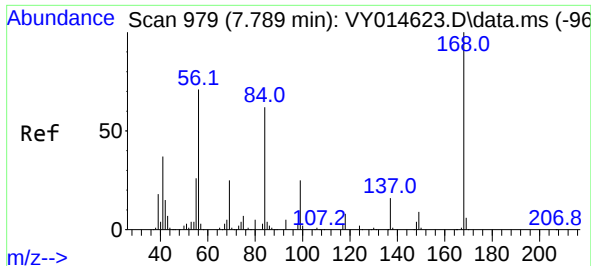
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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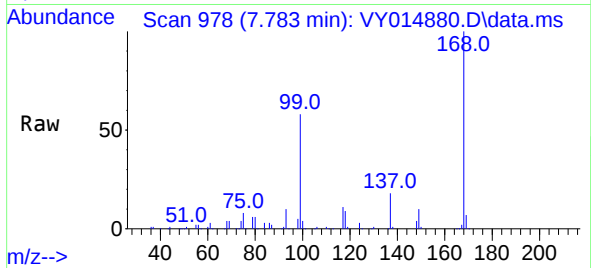
Quant Time: Jul 28 02:37:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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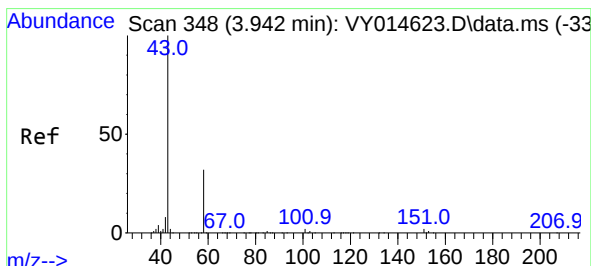
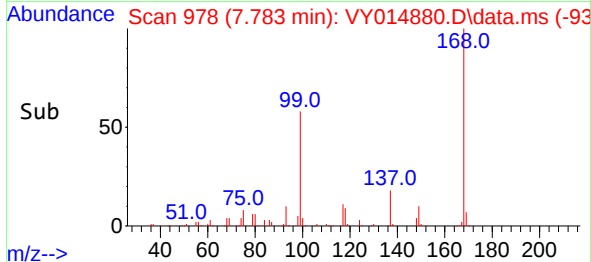
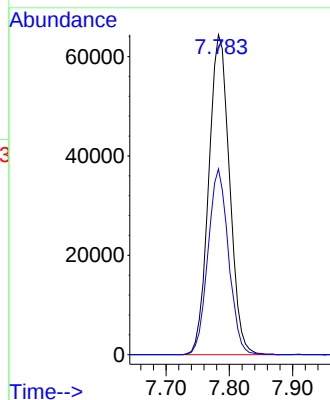


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :

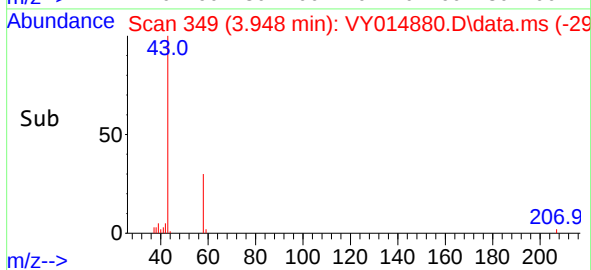
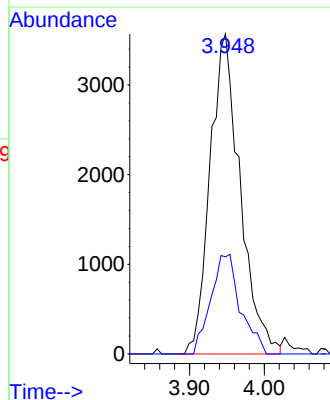
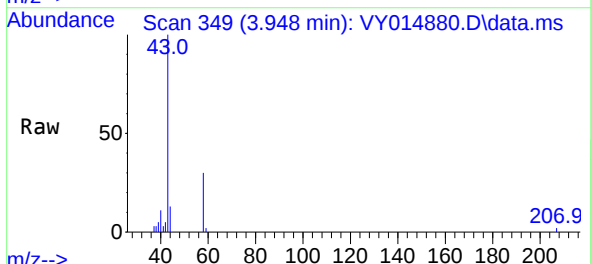


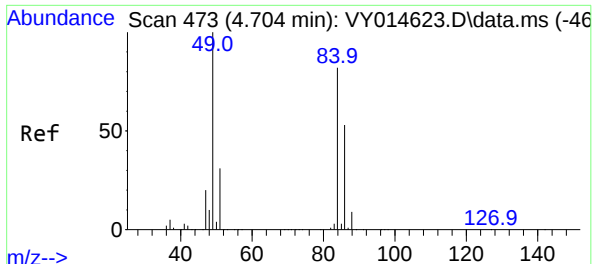
Tgt Ion:168 Resp: 147492
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#16
Acetone
Concen: 18.751 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

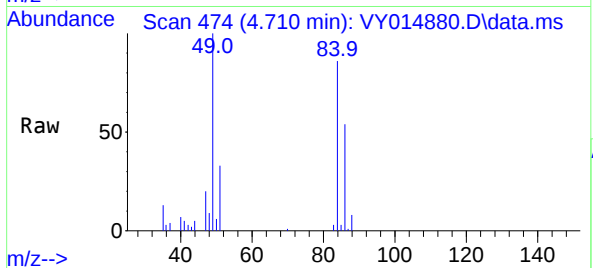
Tgt Ion: 43 Resp: 9987
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1





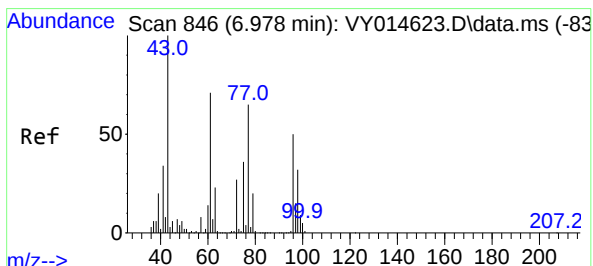
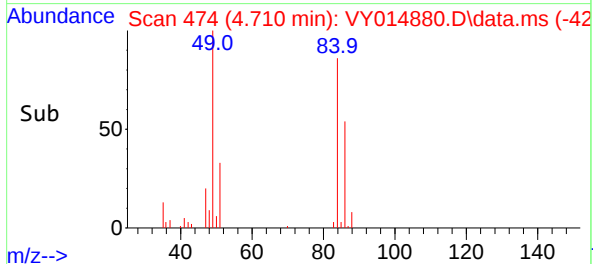
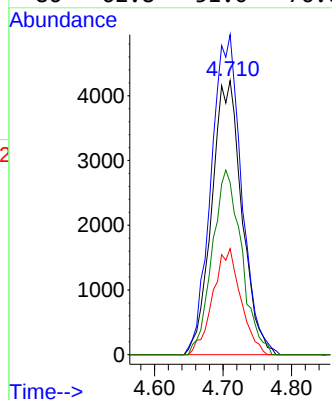
#20
Methylene Chloride
Concen: 3.572 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12964

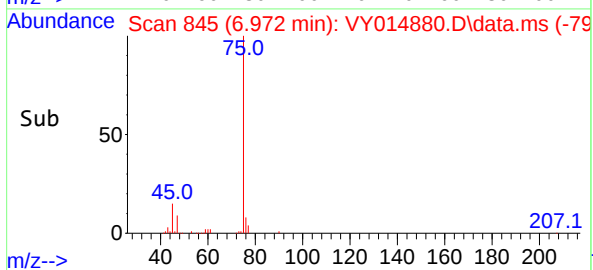
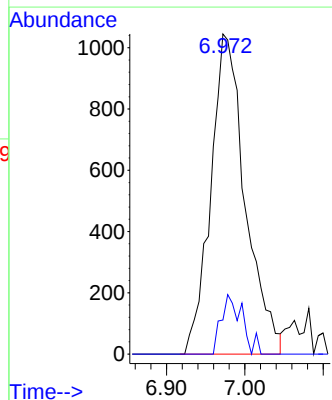
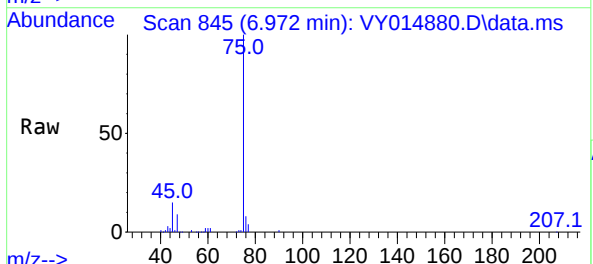
Ion	Ratio	Lower	Upper
84	100		
49	116.8	106.9	160.3
51	38.7	33.2	49.8
86	62.8	51.0	76.6

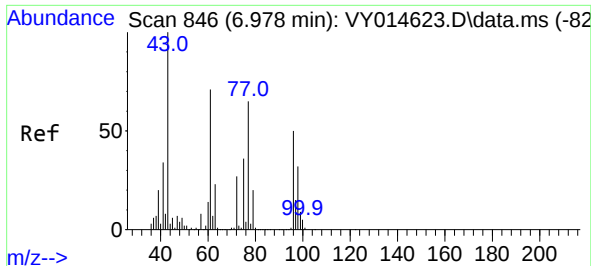


#25
2-Butanone
Concen: 4.103 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Tgt Ion: 43 Resp: 3197

Ion	Ratio	Lower	Upper
43	100		
72	10.6	20.5	30.7#

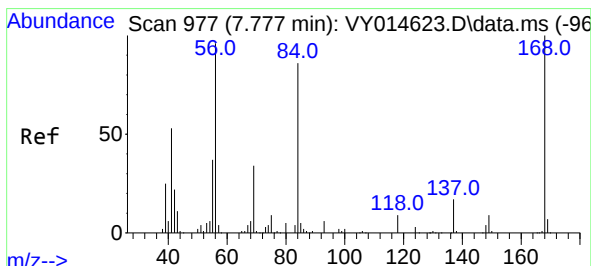
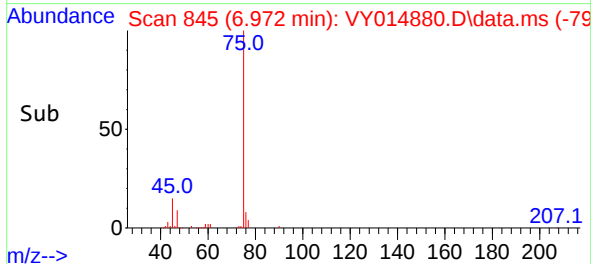
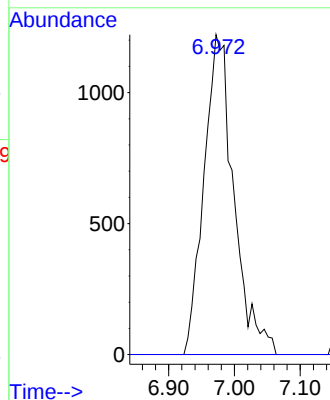
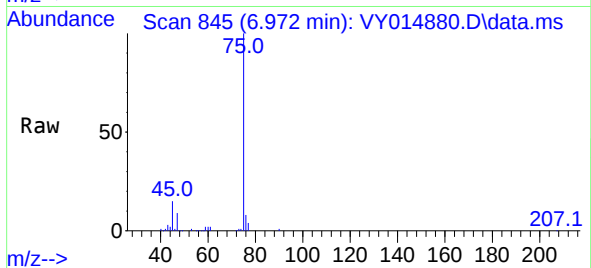




#26
2,2-Dichloropropane
Concen: 1.350 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

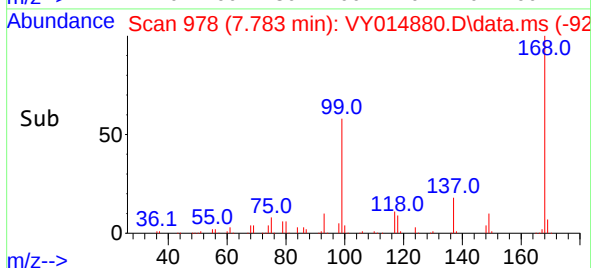
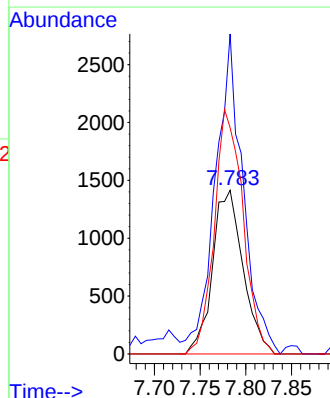
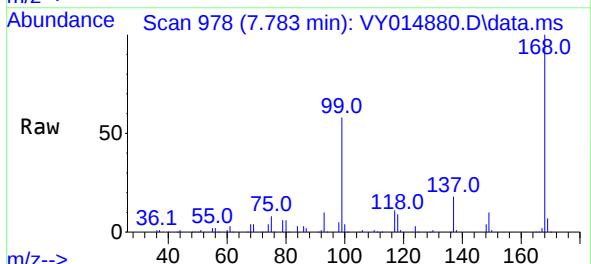
Instrument :
MSVOA_Y
ClientSampleId :

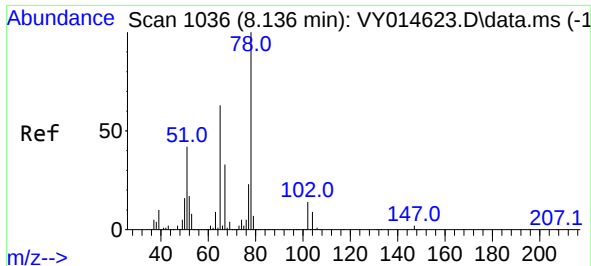
Tgt Ion: 77 Resp: 3859
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Tgt Ion: 56 Resp: 3293
Ion Ratio Lower Upper
56 100
69 195.4 27.8 41.6#
84 138.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.420 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014880.D

Acq: 27 Jul 2023 14:19

Instrument :

MSVOA_Y

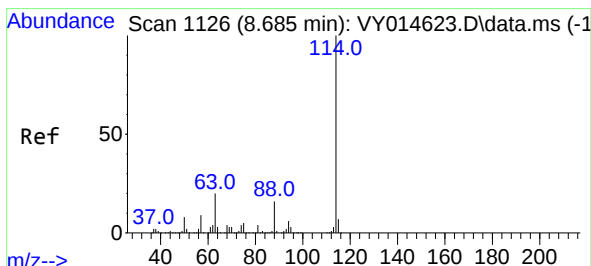
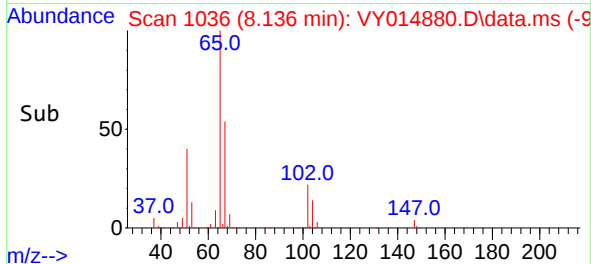
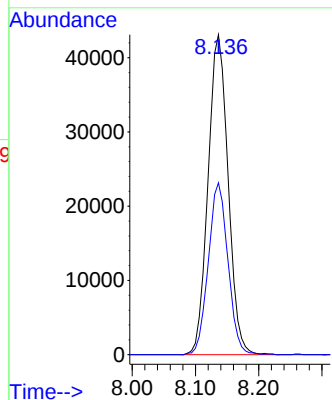
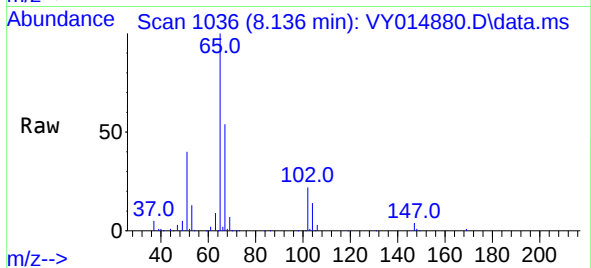
ClientSampleId :

Tgt Ion: 65 Resp: 94827

Ion Ratio Lower Upper

65 100

67 52.7 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: VY014880.D

Acq: 27 Jul 2023 14:19

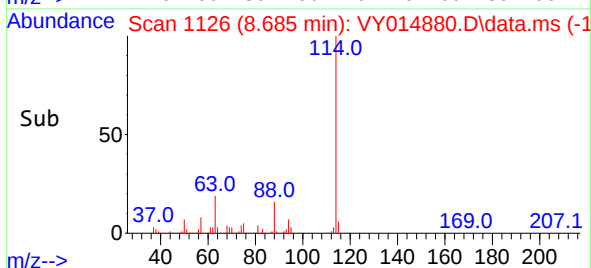
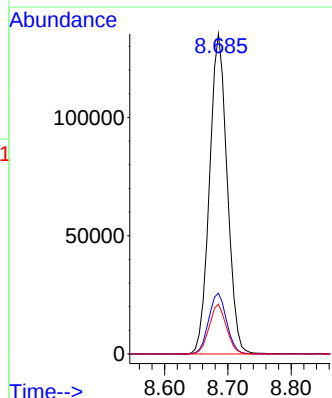
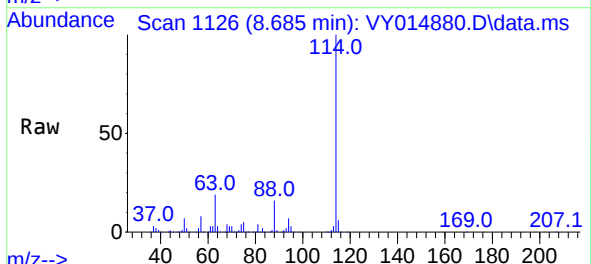
Tgt Ion: 114 Resp: 262148

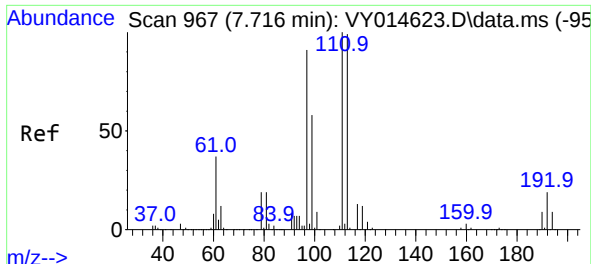
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

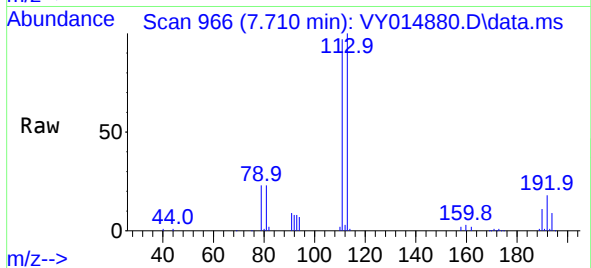
88 15.6 0.0 30.6



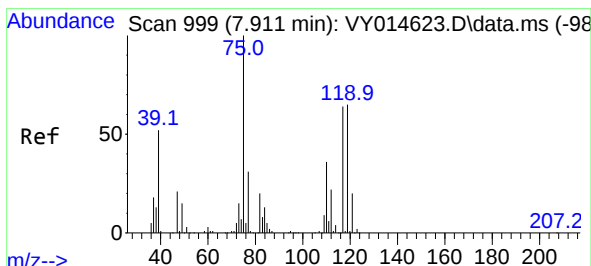
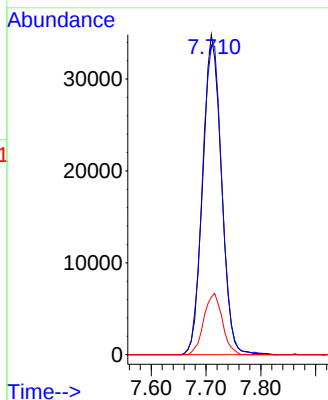
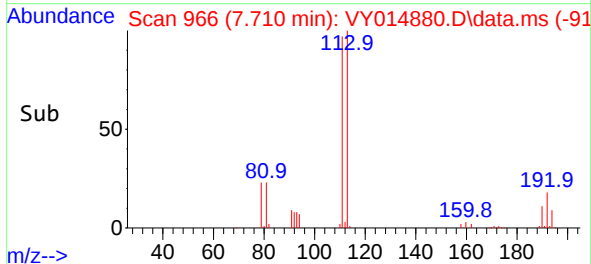


#35
Dibromofluoromethane
Concen: 49.378 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

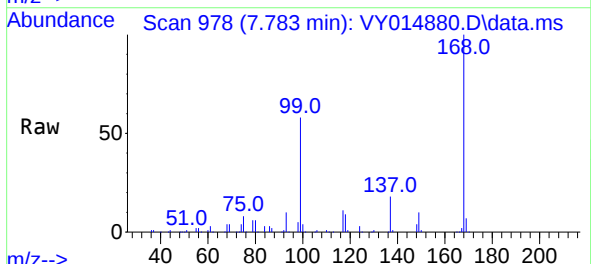
Instrument :
MSVOA_Y
ClientSampleId :



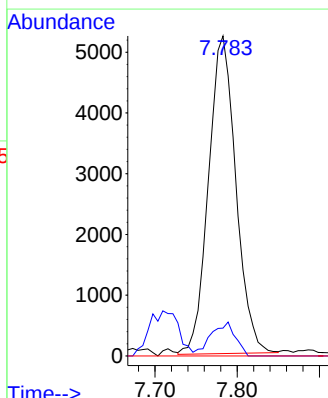
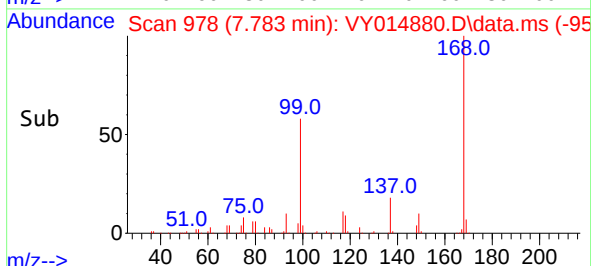
Tgt Ion:113 Resp: 82400
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.0 16.9 25.3

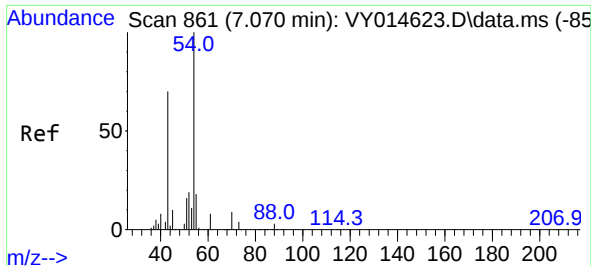


#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19



Tgt Ion: 75 Resp: 12117
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.861 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

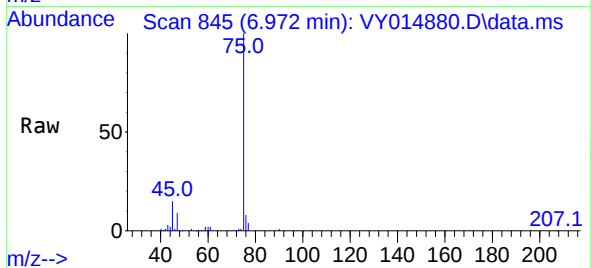
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Acq: 27 Jul 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :



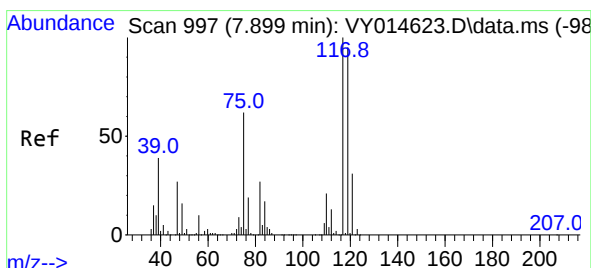
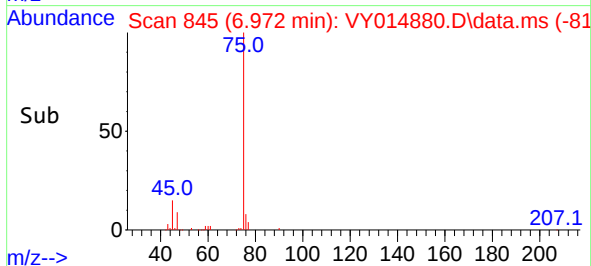
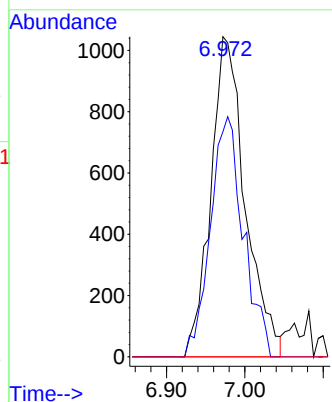
Tgt Ion: 43 Resp: 3197

Ion Ratio Lower Upper

43 100

61 71.5 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.604 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY014880.D

Acq: 27 Jul 2023 14:19

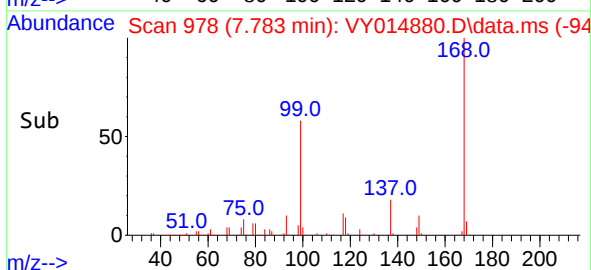
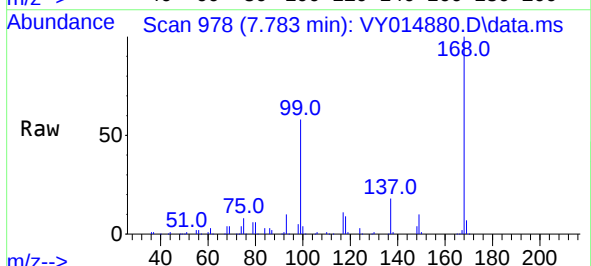
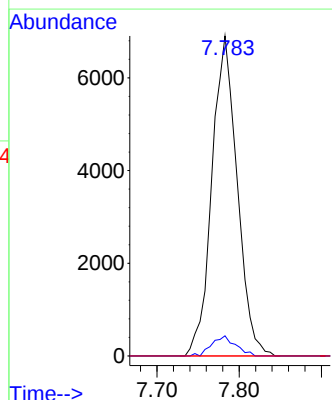
Tgt Ion: 117 Resp: 14784

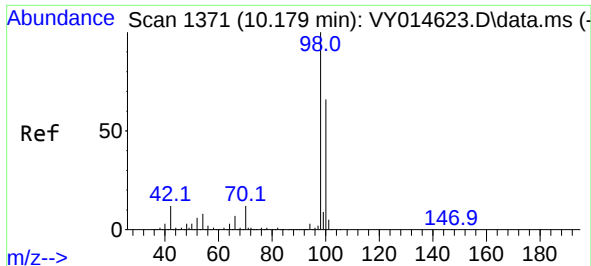
Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

121 0.0 25.8 38.6#

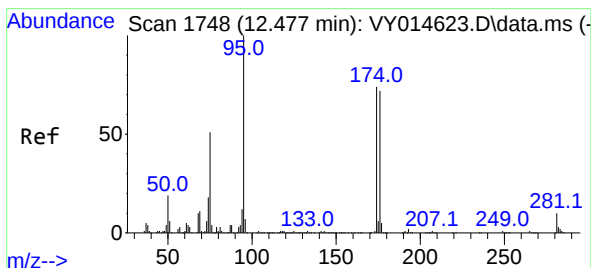
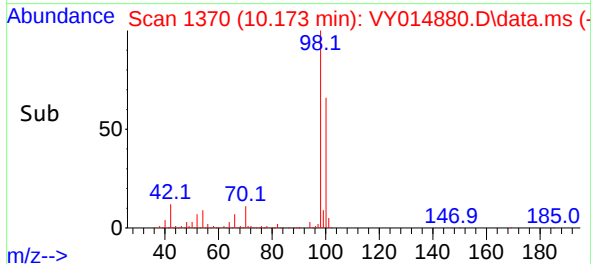
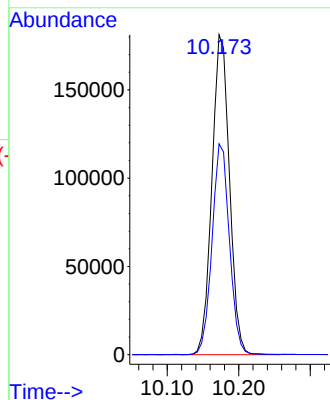
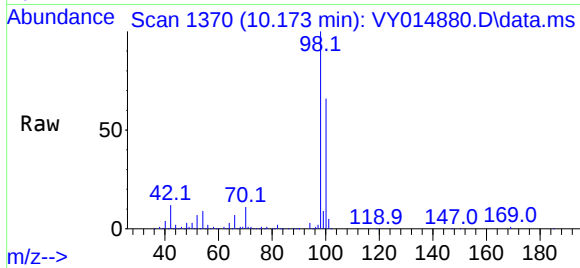




#50
Toluene-d8
Concen: 50.164 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

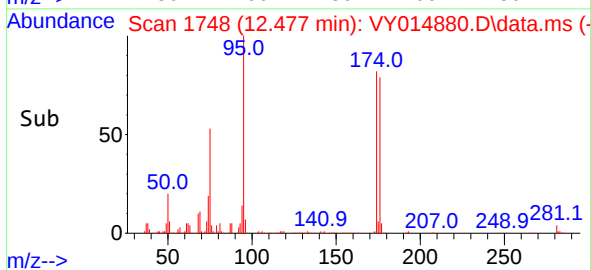
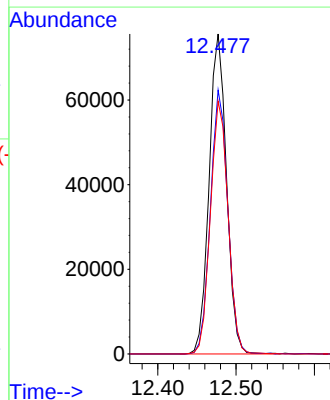
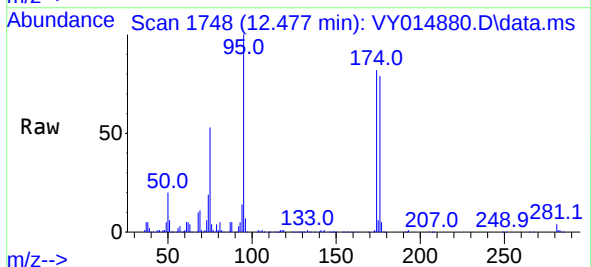
Instrument :
MSVOA_Y
ClientSampleId :

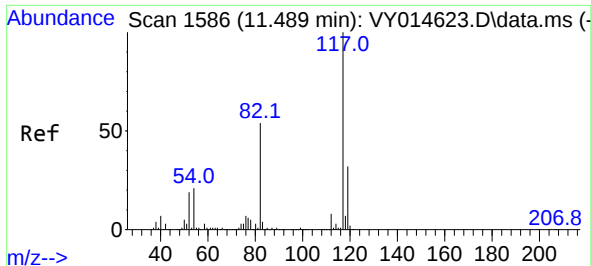
Tgt Ion: 98 Resp: 308629
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

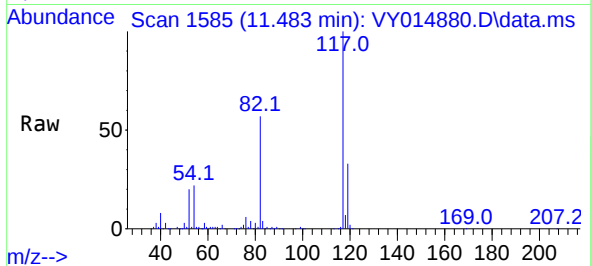
Tgt Ion: 95 Resp: 116570
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 80.1 0.0 173.8



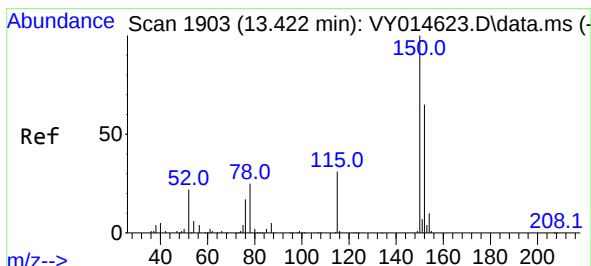
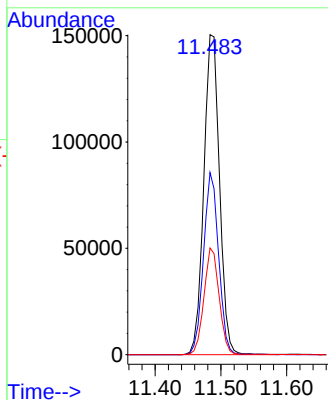
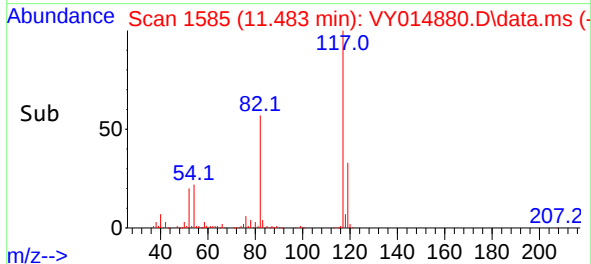


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

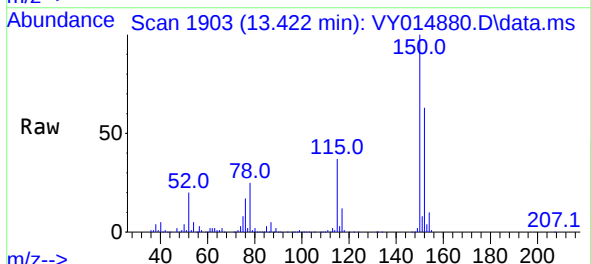
Instrument :
MSVOA_Y
ClientSampleId :



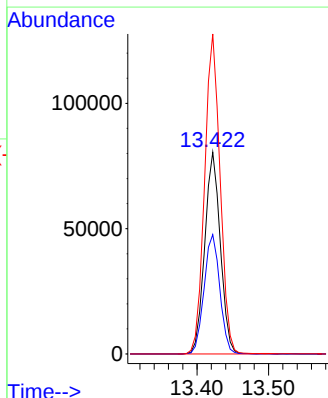
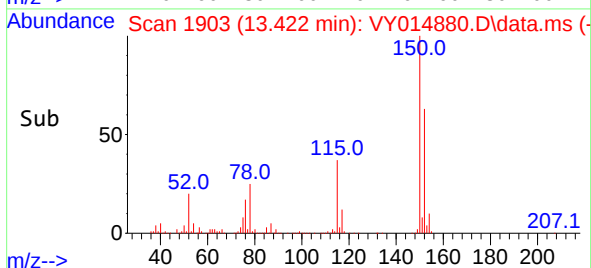
Tgt Ion:117 Resp: 250051
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.0
119 33.3 26.3 39.5

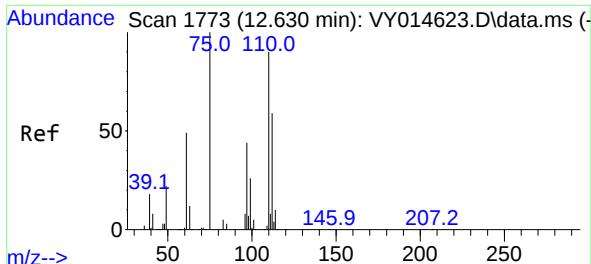


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19



Tgt Ion:152 Resp: 122023
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 157.3 0.0 348.8

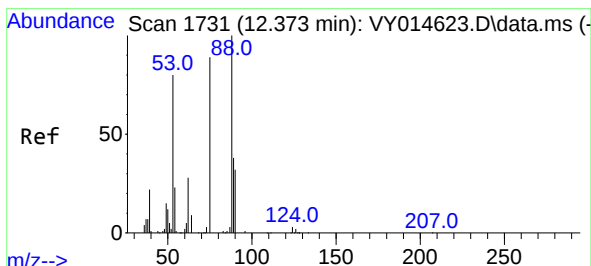
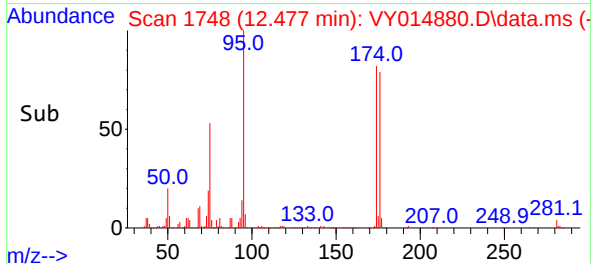
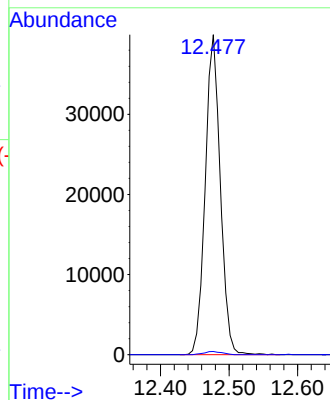
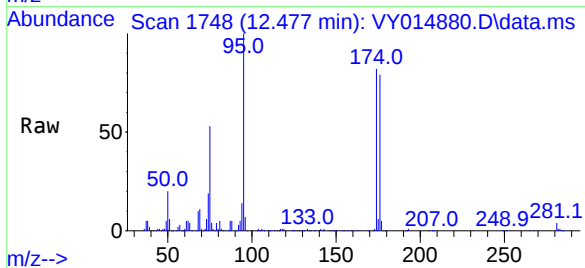




#76
1,2,3-Trichloropropane
Concen: 39.608 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61041
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Tgt Ion: 75 Resp: 61041
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

