

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014862.D
 Acq On : 26 Jul 2023 20:12
 Operator : SY/MD
 Sample : 03686-06
 Misc : 2.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 01:13:32 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)

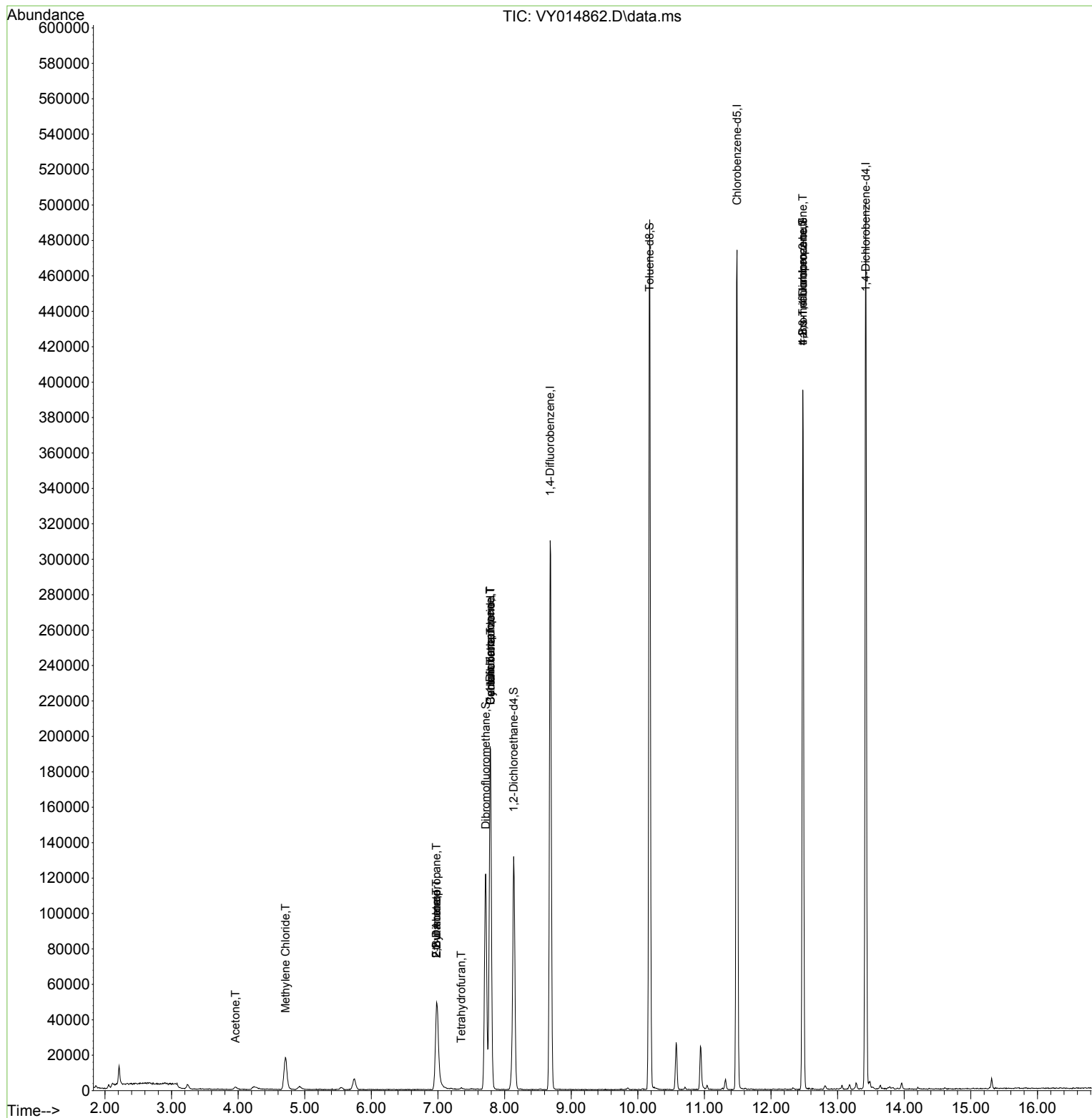
Internal Standards						
1) Pentafluorobenzene	7.789	168	151239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97266	56.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.880%	
35) Dibromofluoromethane	7.715	113	84988	49.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.178	98	319563	50.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.477	95	119470	49.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	926	Below Cal	#	89
16) Acetone	3.960	43	2889	5.290	ug/l	94
20) Methylene Chloride	4.710	84	14313	4.199	ug/l #	86
25) 2-Butanone	6.978	43	3450	4.318	ug/l	91
26) 2,2-Dichloropropane	6.978	77	3976	1.356	ug/l #	54
29) Tetrahydrofuran	7.350	42	506	1.028	ug/l #	49
31) Cyclohexane	7.789	56	3341	1.168	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	12180	4.766	ug/l #	50
37) Ethyl Acetate	6.978	43	3450	1.961	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15023	5.561	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63949	40.890	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63949	79.171	ug/l #	11

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

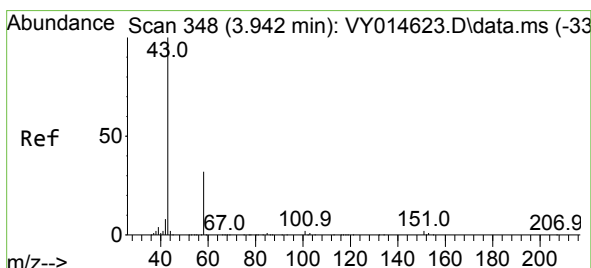
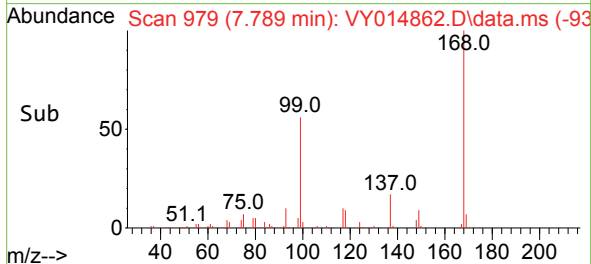
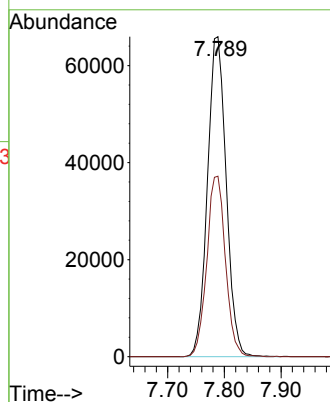
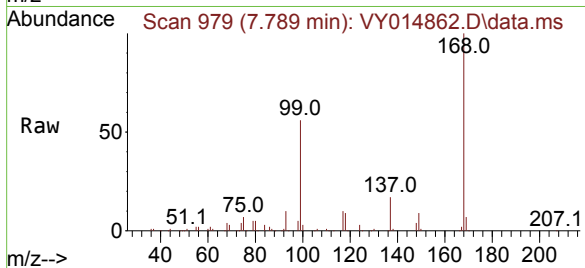




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

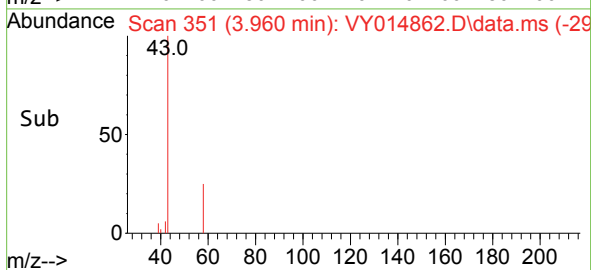
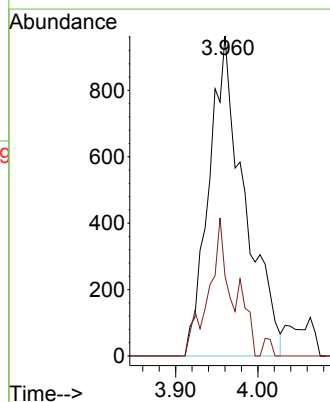
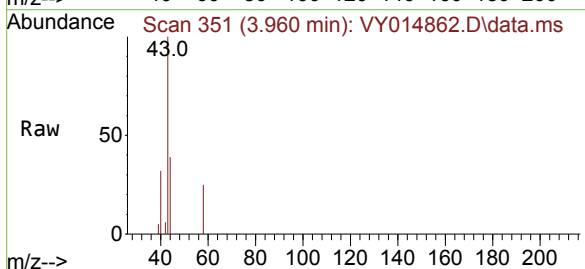
Instrument :
MSVOA_Y
ClientSampleId :

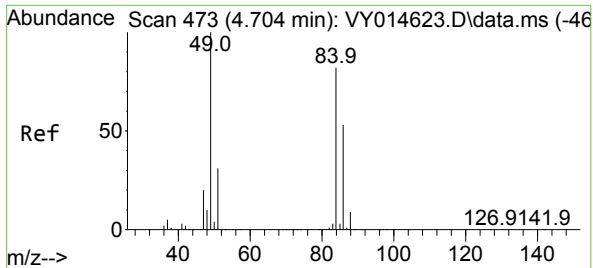
Tgt Ion:168 Resp: 151239
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 5.290 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

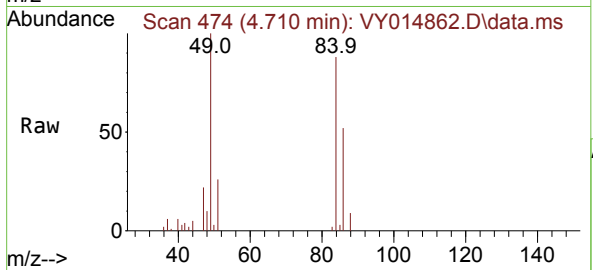
Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
58 25.0 22.7 34.1



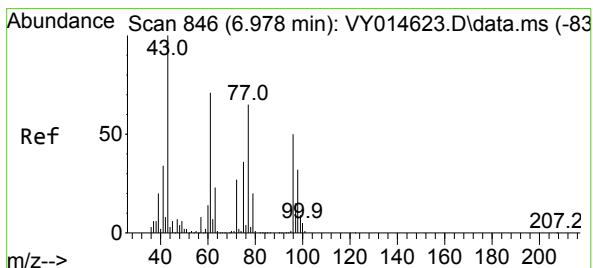
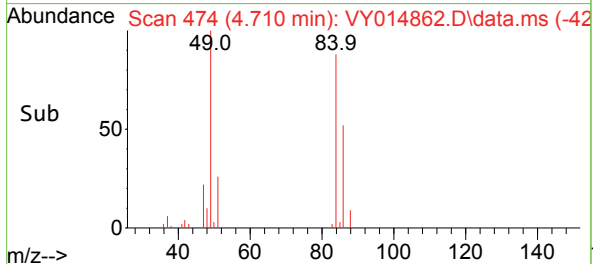
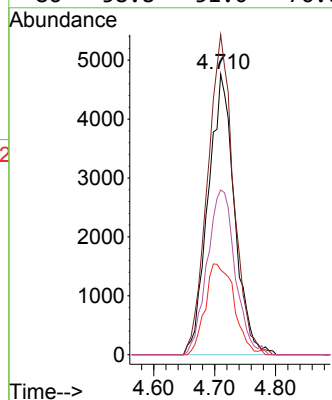


#20
Methylene Chloride
Concen: 4.199 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :

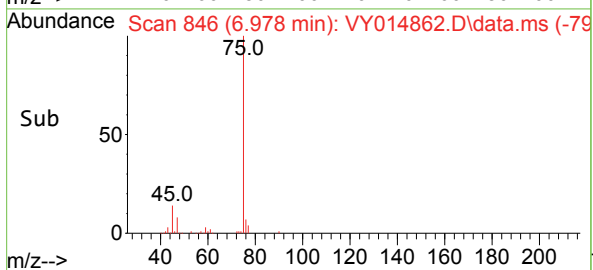
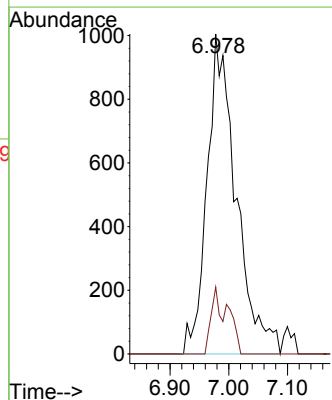
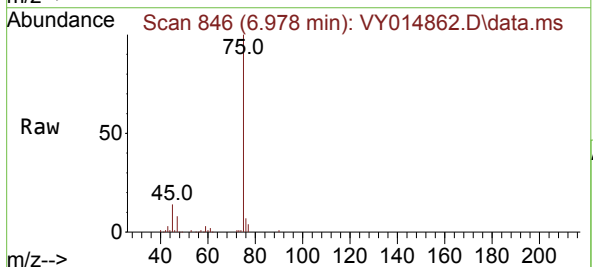


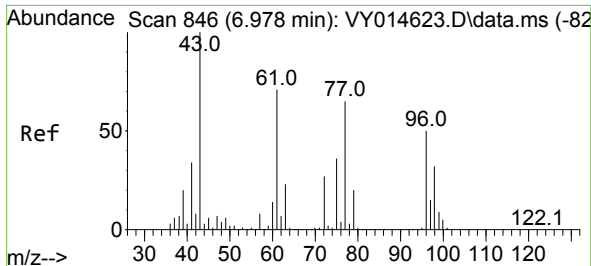
Tgt Ion:	84	Resp:	14313
Ion	Ratio	Lower	Upper
84	100		
49	114.1	106.9	160.3
51	30.2	33.2	49.8#
86	58.8	51.0	76.6



#25
2-Butanone
Concen: 4.318 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion:	43	Resp:	3450
Ion	Ratio	Lower	Upper
43	100		
72	20.9	20.5	30.7

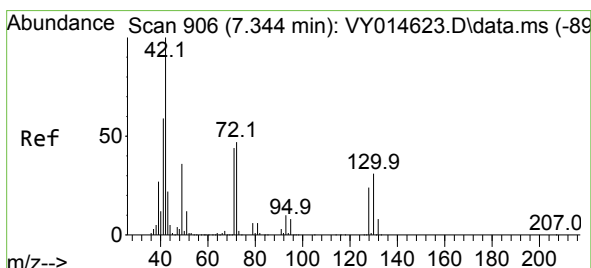
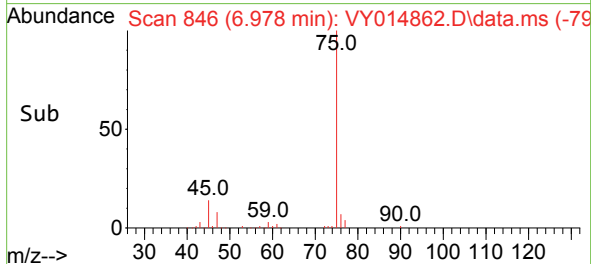
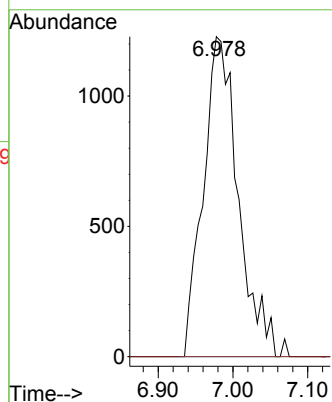
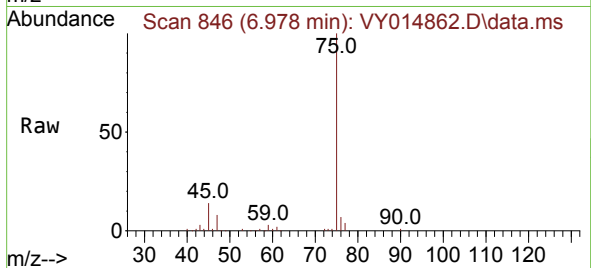




#26
2,2-Dichloropropane
Concen: 1.356 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

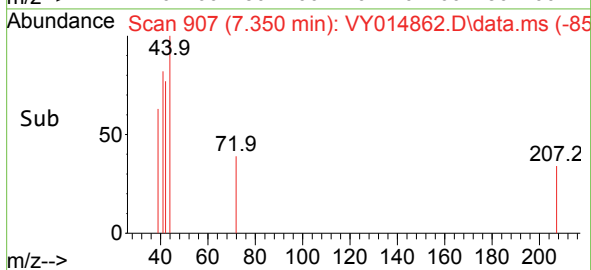
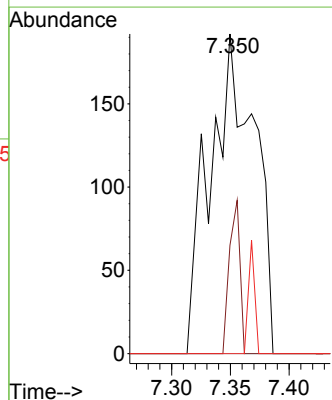
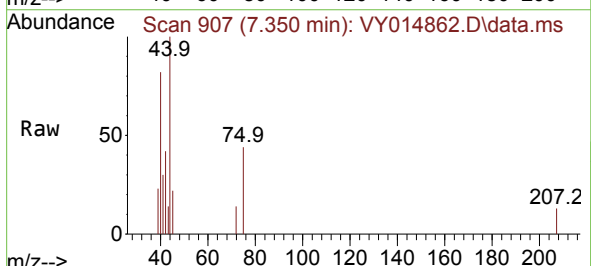
Instrument :
MSVOA_Y
ClientSampleId :

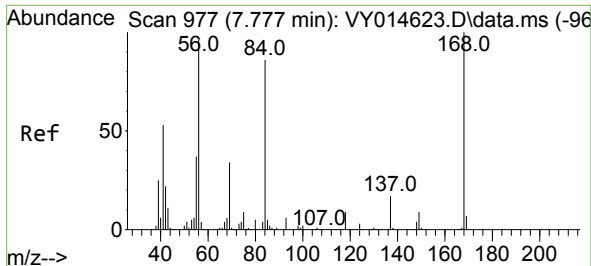
Tgt Ion: 77 Resp: 3976
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#29
Tetrahydrofuran
Concen: 1.028 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

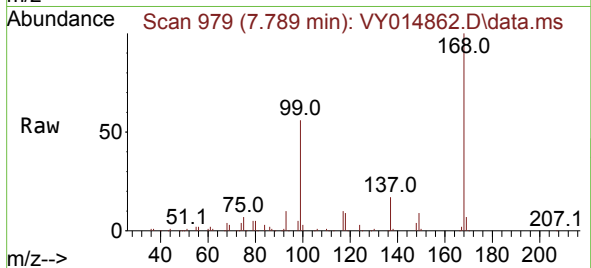
Tgt Ion: 42 Resp: 506
Ion Ratio Lower Upper
42 100
72 11.3 32.8 49.2#
71 4.9 31.0 46.4#



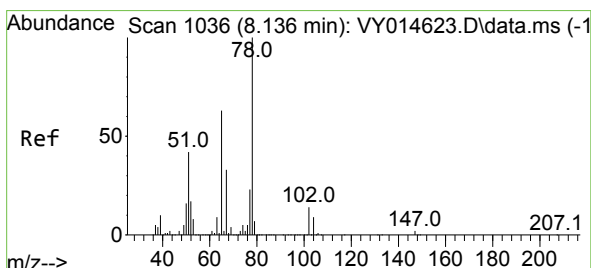
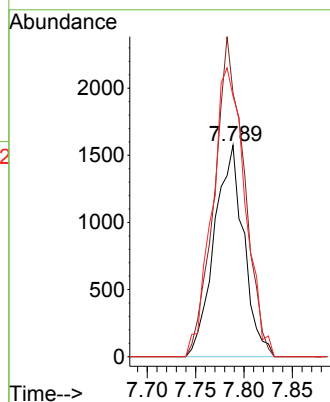
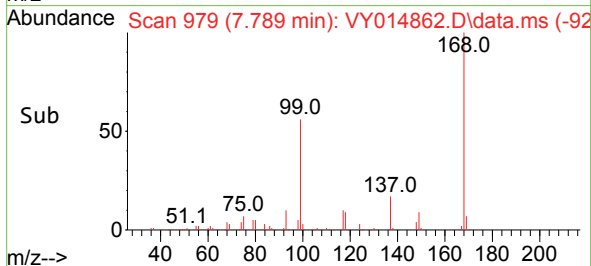


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :

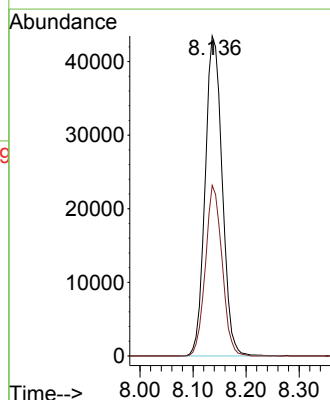
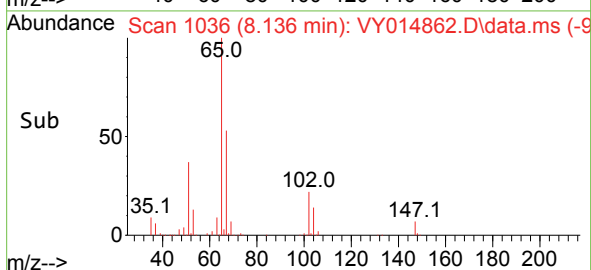
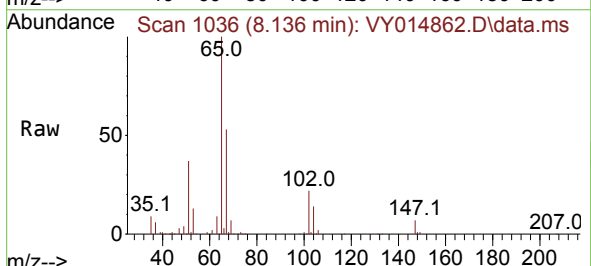


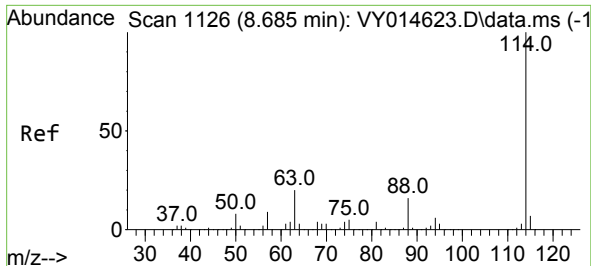
Tgt Ion: 56 Resp: 3341
Ion Ratio Lower Upper
56 100
69 124.9 27.8 41.6#
84 123.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.438 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion: 65 Resp: 97266
Ion Ratio Lower Upper
65 100
67 51.9 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: VY014862.D

Acq: 26 Jul 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

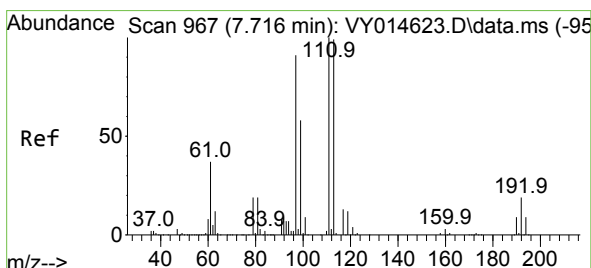
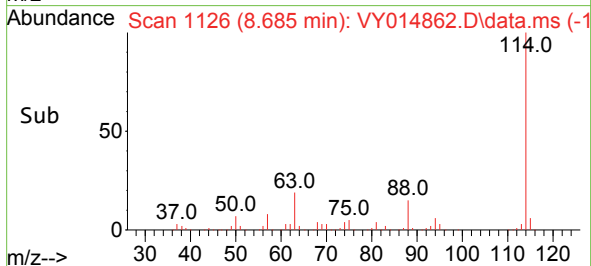
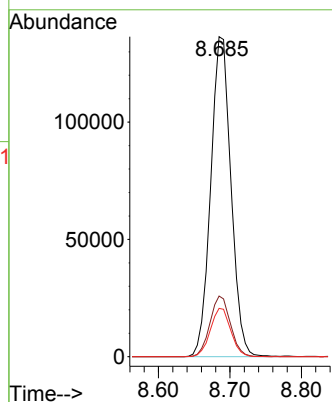
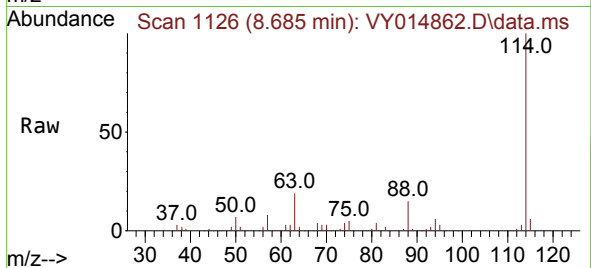
Tgt Ion:114 Resp: 268436

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014862.D

Acq: 26 Jul 2023 20:12

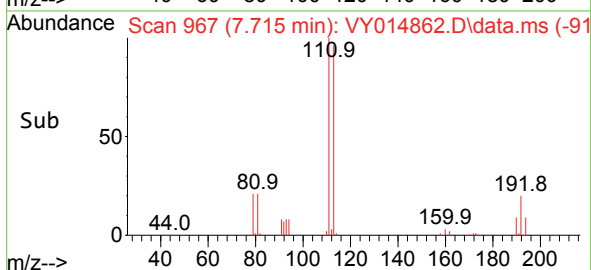
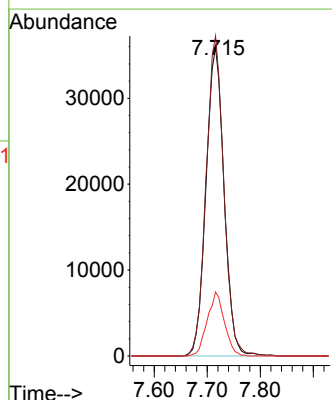
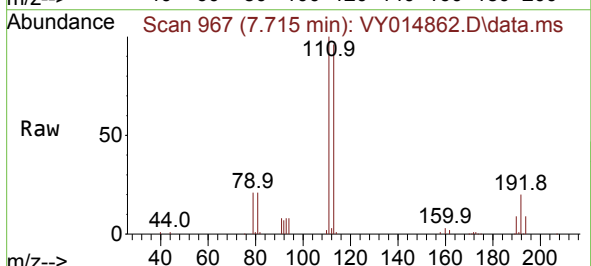
Tgt Ion:113 Resp: 84988

Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

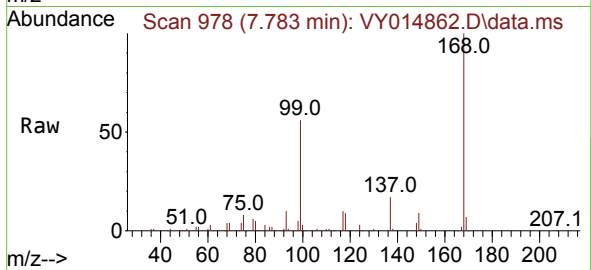
192 19.7 16.9 25.3



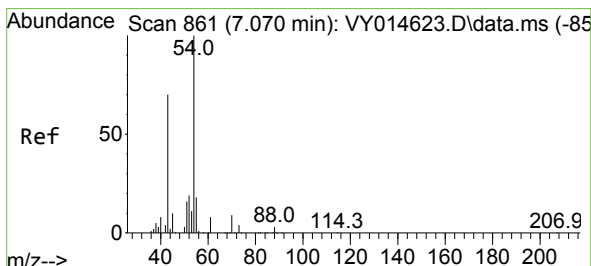
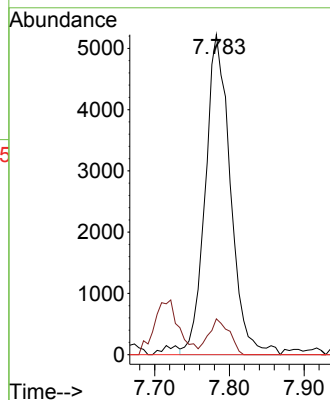
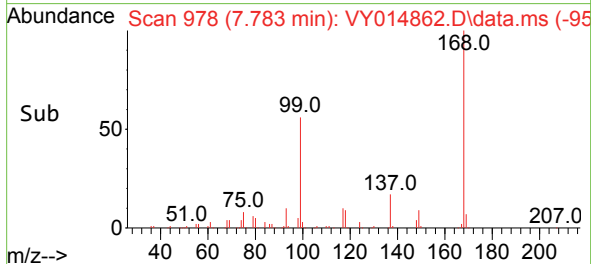


#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

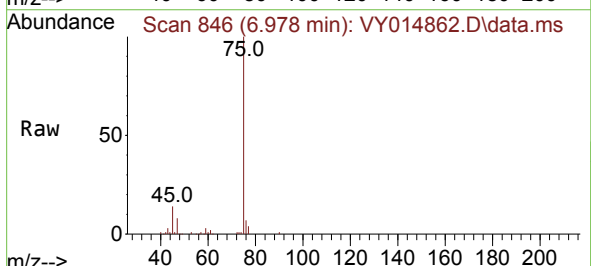
Instrument :
MSVOA_Y
ClientSampleId :



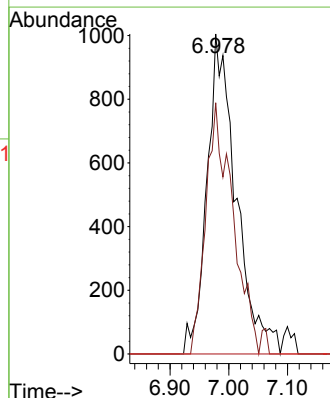
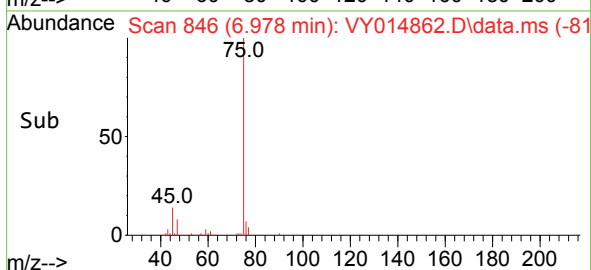
Tgt Ion: 75 Resp: 12180
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#

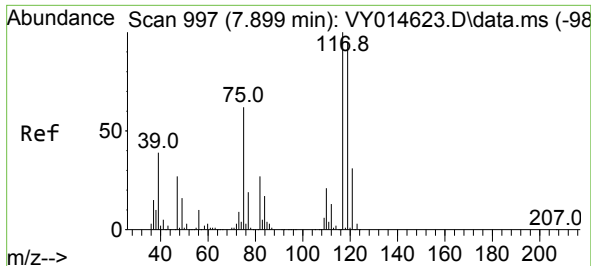


#37
Ethyl Acetate
Concen: 1.961 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12



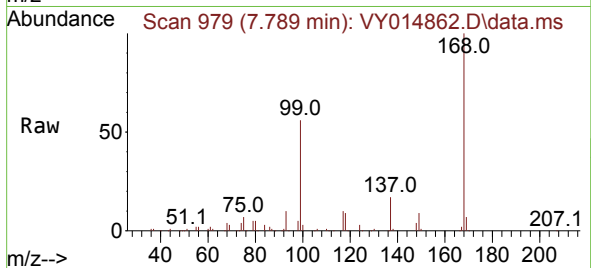
Tgt Ion: 43 Resp: 3450
Ion Ratio Lower Upper
43 100
61 73.1 10.1 15.1#
70 0.0 7.1 10.7#



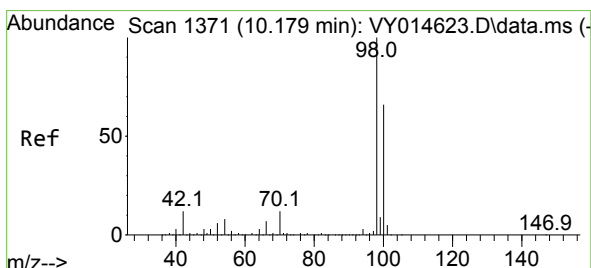
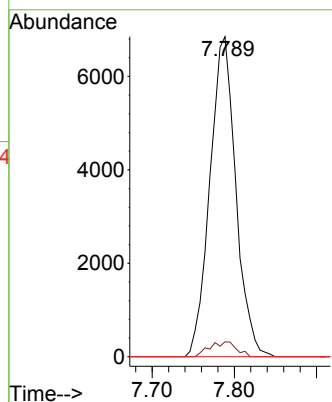
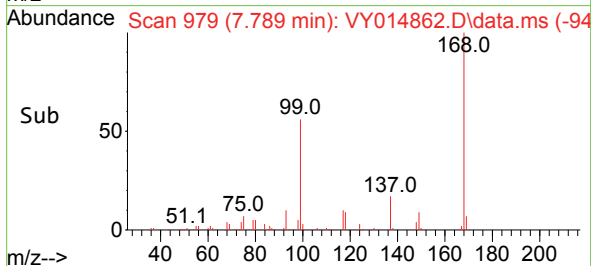


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :

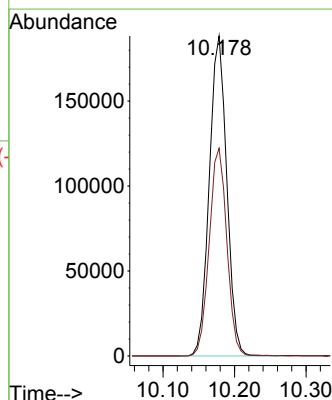
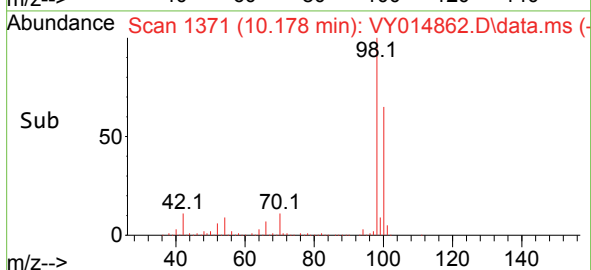
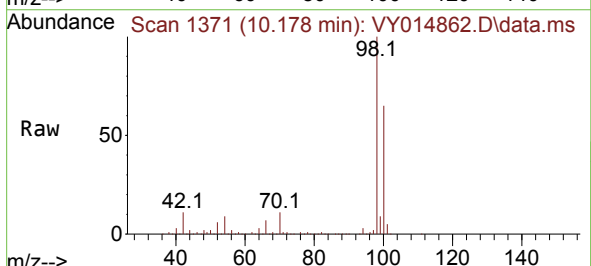


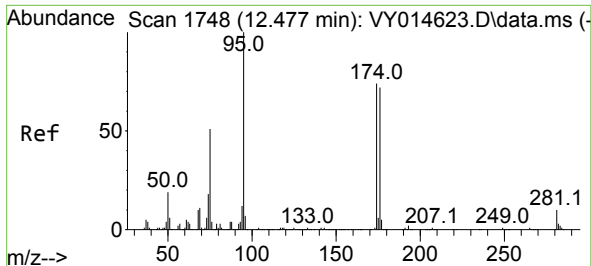
Tgt Ion:117 Resp: 15023
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.724 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion: 98 Resp: 319563
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

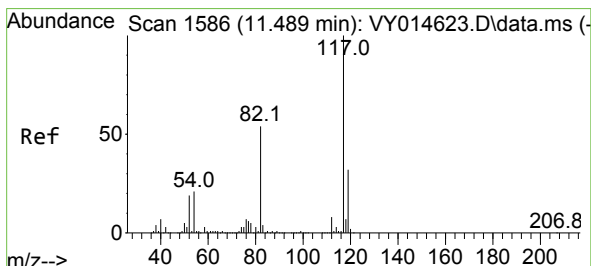
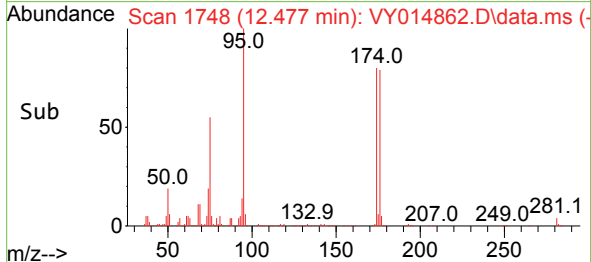
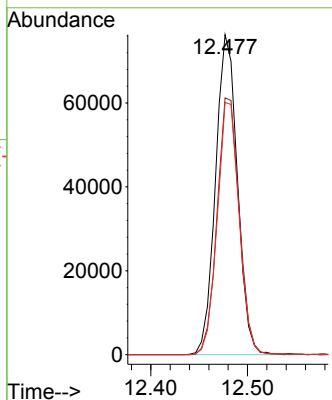
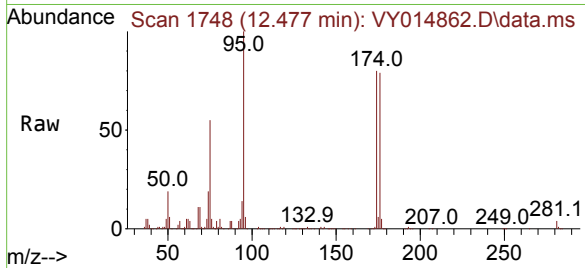




#62
4-Bromofluorobenzene
Concen: 49.457 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

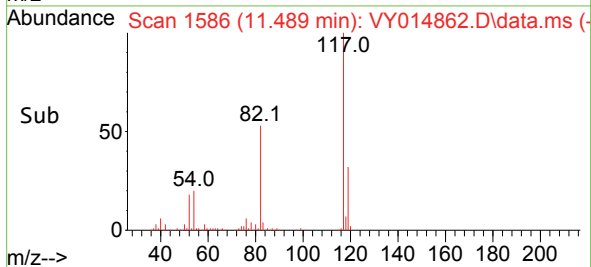
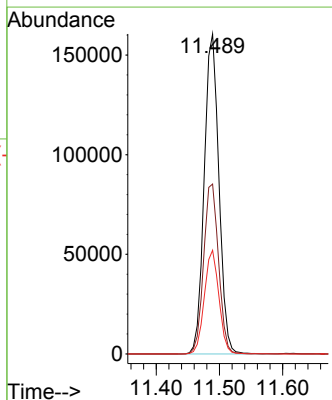
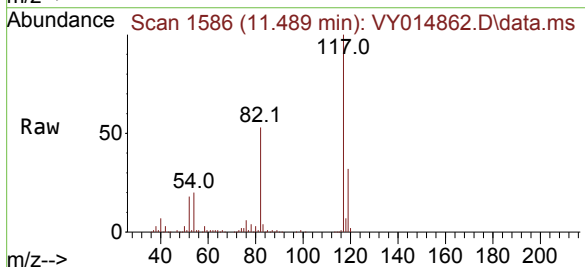
Instrument :
MSVOA_Y
ClientSampleId :

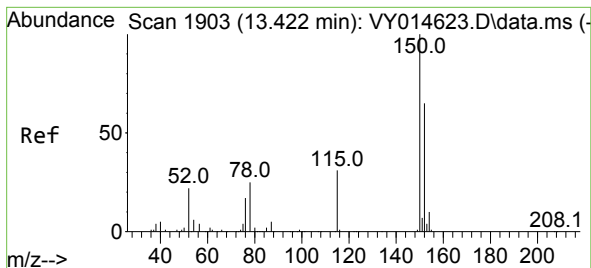
Tgt Ion: 95 Resp: 119470
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 78.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion: 117 Resp: 259650
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 26.3 39.5

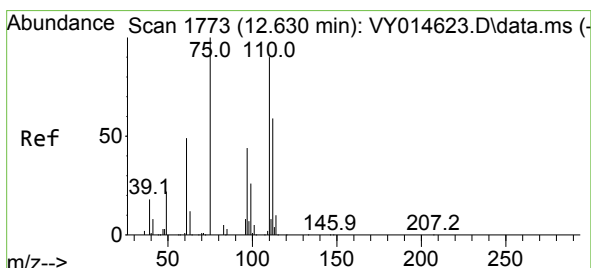
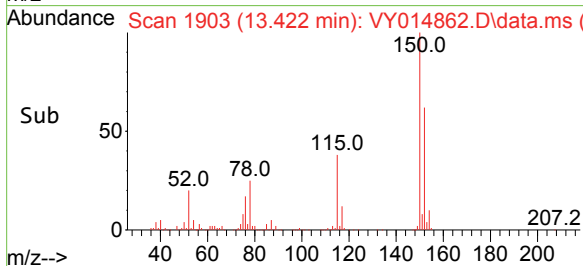
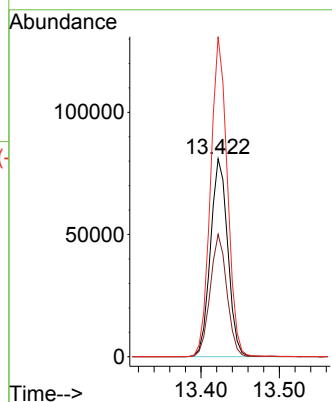
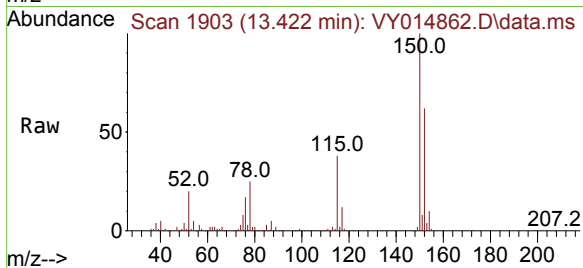




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014862.D
 Acq: 26 Jul 2023 20:12

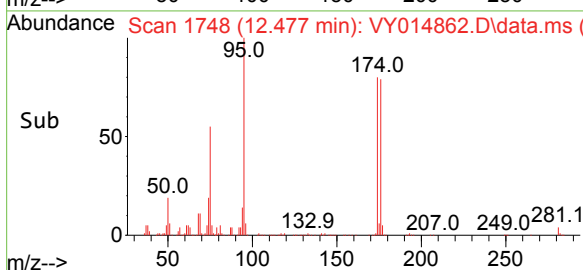
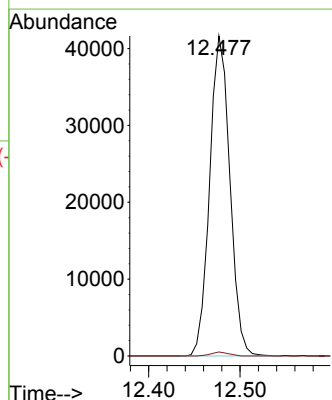
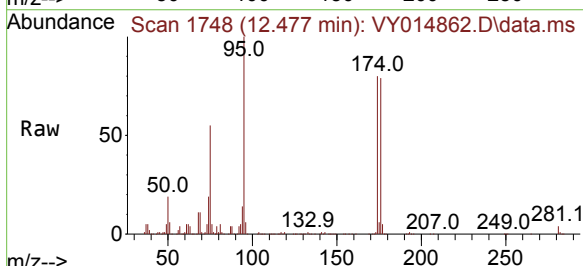
Instrument :
 MSVOA_Y
 ClientSampleId :

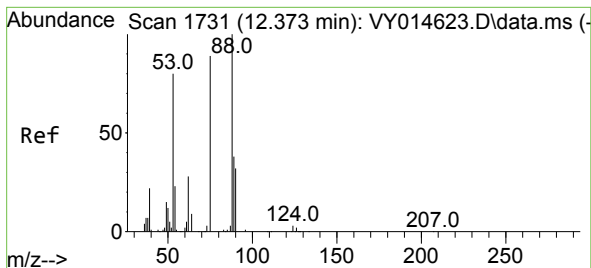
Tgt Ion:152 Resp: 123828
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.8 86.5
 150 157.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.890 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014862.D
 Acq: 26 Jul 2023 20:12

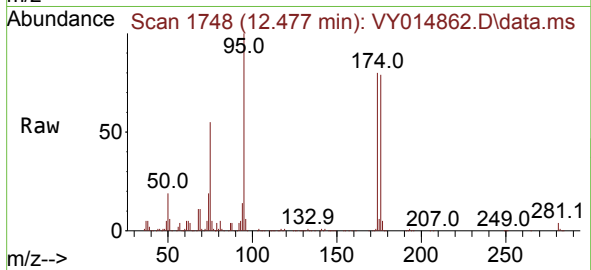
Tgt Ion: 75 Resp: 63949
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.171 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014862.D
 Acq: 26 Jul 2023 20:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63949
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

