

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014884.D
 Acq On : 27 Jul 2023 15:55
 Operator : SY/MD
 Sample : 03756-06
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:19 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	144458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	253043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	243836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91570	55.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.710	113	78955	49.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.173	98	299521	50.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.477	95	109364	48.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.060%

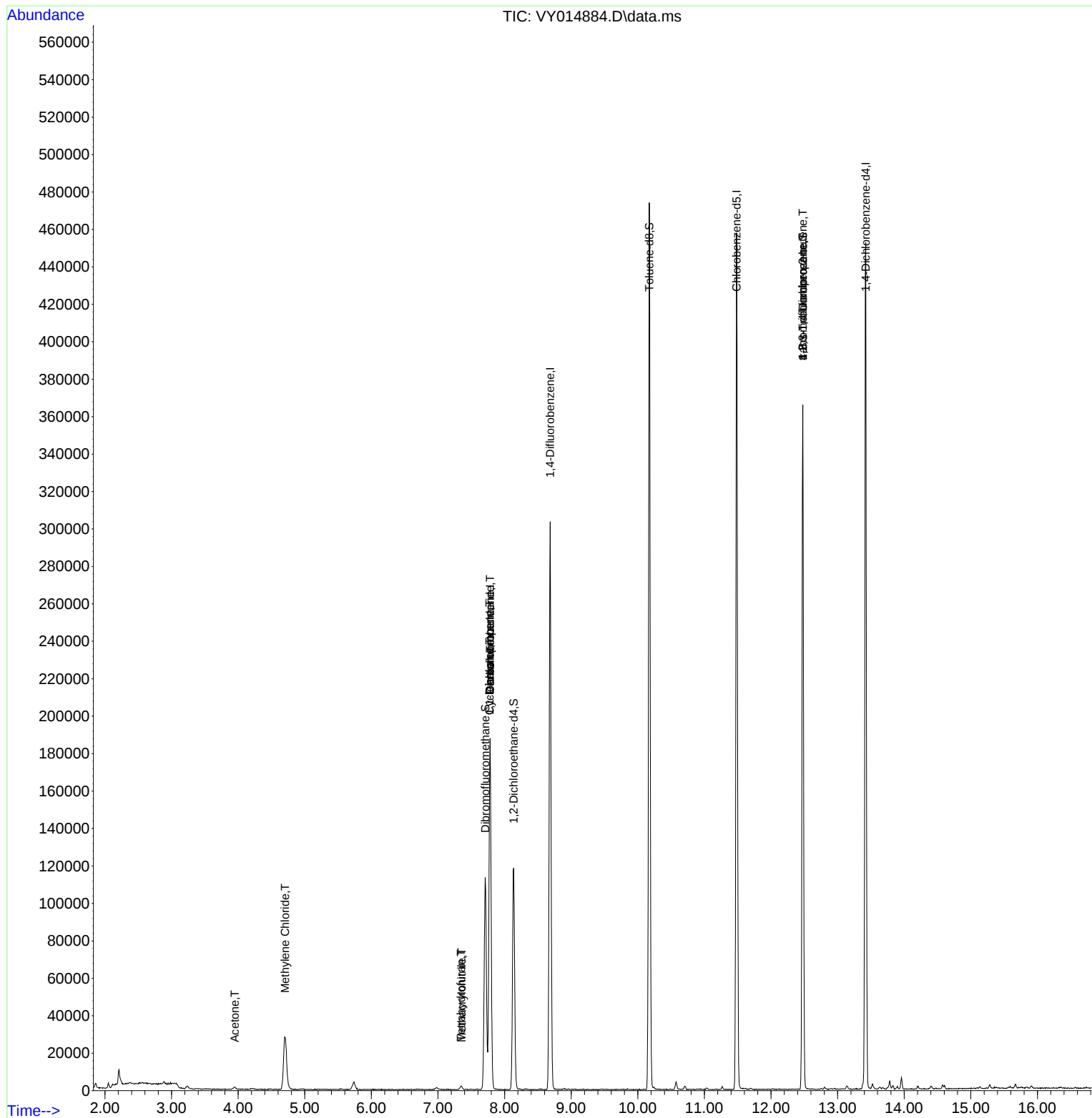
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	274	Below Cal	#	89
16) Acetone	3.948	43	1718	3.293	ug/l #	85
20) Methylene Chloride	4.704	84	22087	9.624	ug/l	89
29) Tetrahydrofuran	7.344	42	1380	2.937	ug/l	93
31) Cyclohexane	7.777	56	3141	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11056	4.590	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14571	5.722	ug/l #	18
41) Methacrylonitrile	7.356	41	1013	1.187	ug/l #	37
76) 1,2,3-Trichloropropane	12.477	75	58041	39.855	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58041	77.166	ug/l #	10

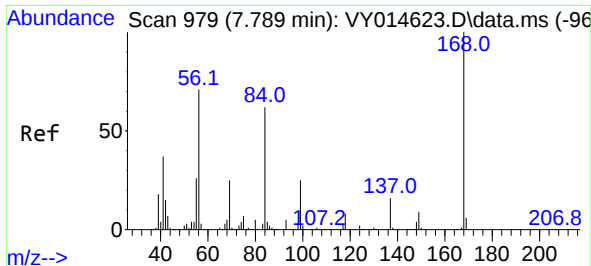
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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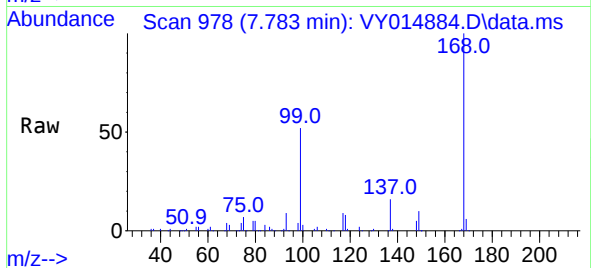
Quant Time: Jul 28 02:38:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



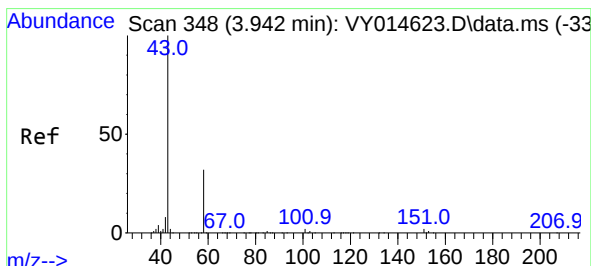
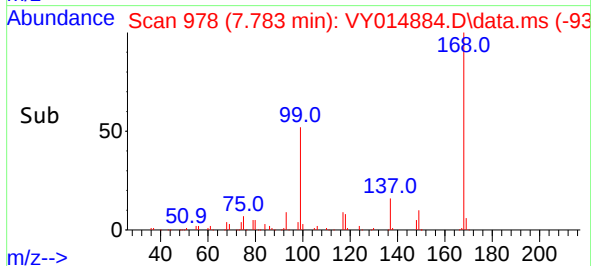
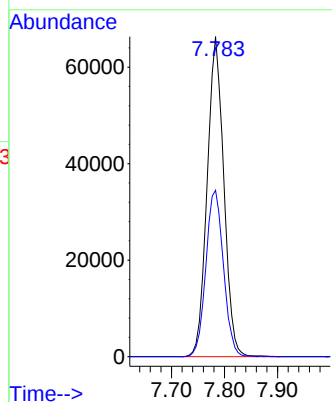


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

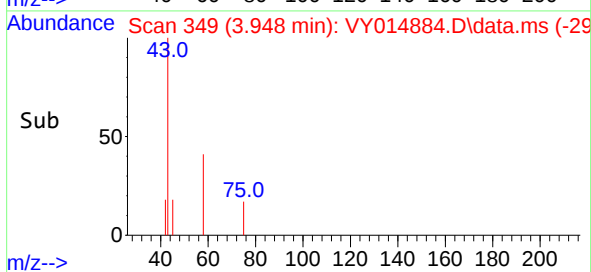
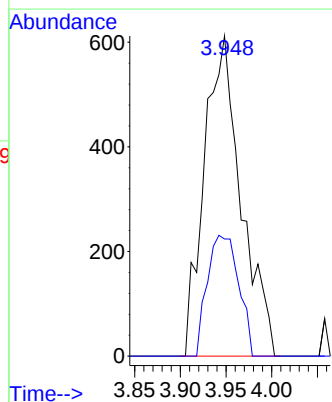
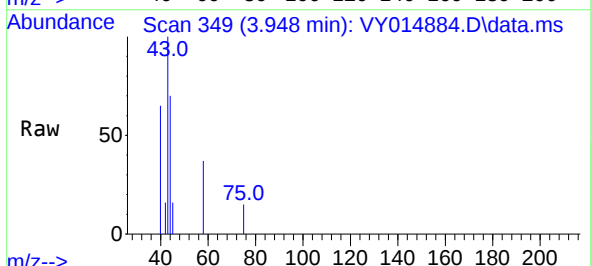


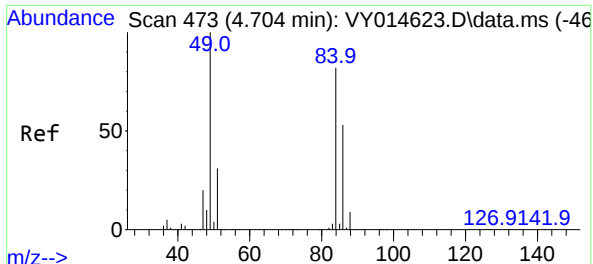
Tgt Ion:168 Resp: 144458
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 3.293 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

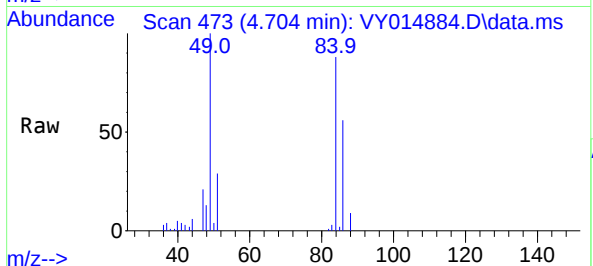
Tgt Ion: 43 Resp: 1718
Ion Ratio Lower Upper
43 100
58 36.6 22.7 34.1#





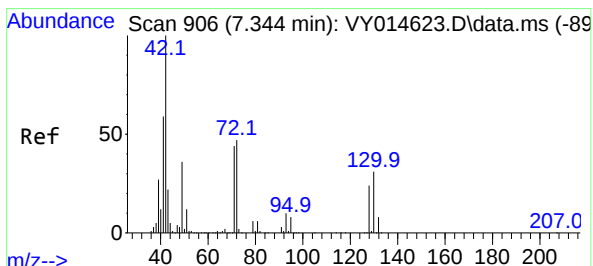
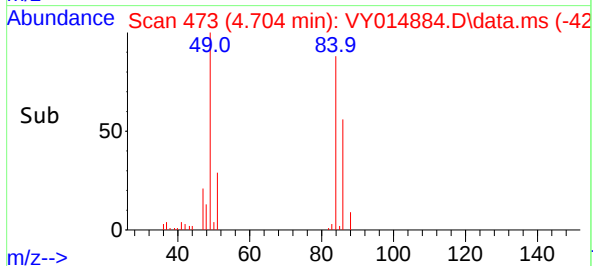
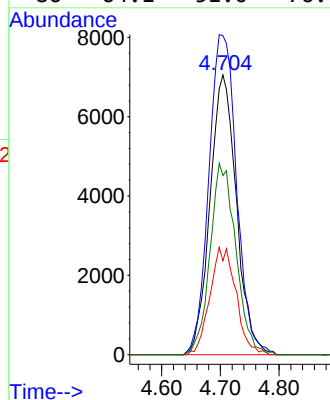
#20
Methylene Chloride
Concen: 9.624 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 22087

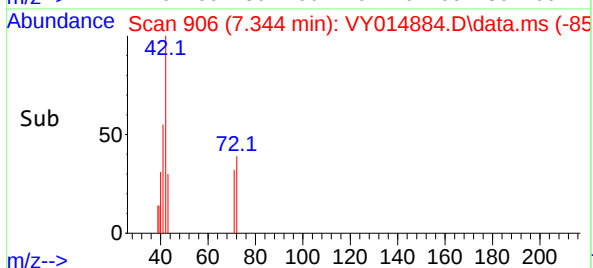
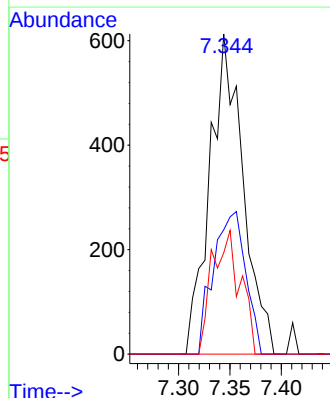
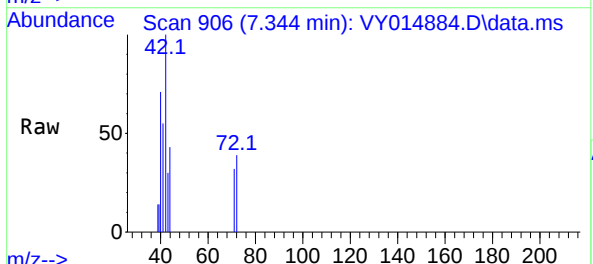
Ion	Ratio	Lower	Upper
84	100		
49	114.1	106.9	160.3
51	33.6	33.2	49.8
86	64.1	51.0	76.6

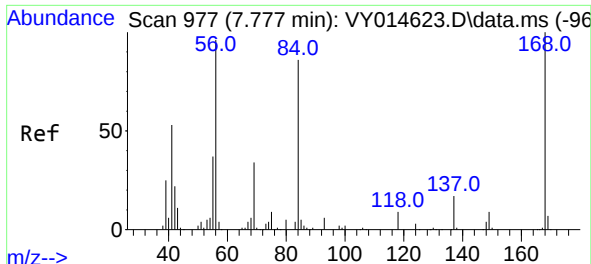


#29
Tetrahydrofuran
Concen: 2.937 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion: 42 Resp: 1380

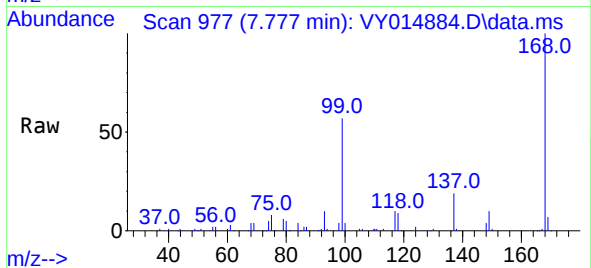
Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.8	49.2
71	32.6	31.0	46.4



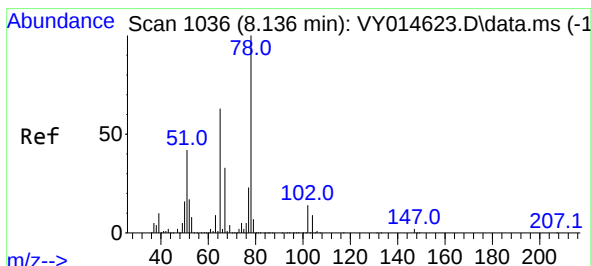
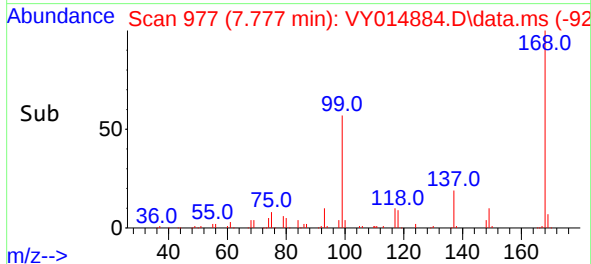
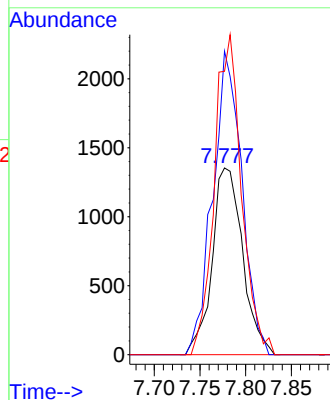


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

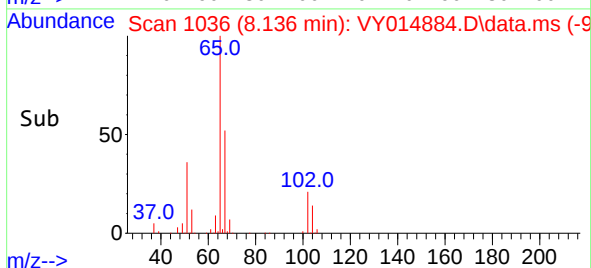
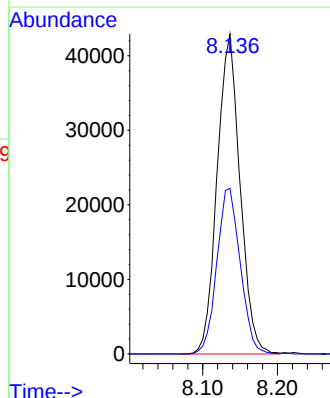
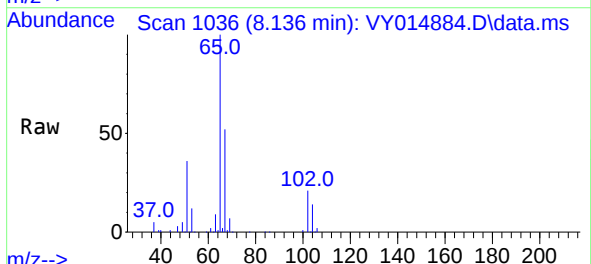


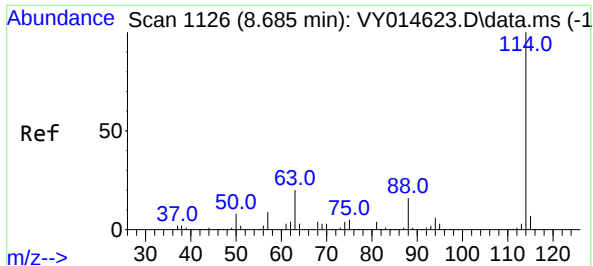
Tgt Ion: 56 Resp: 3141
Ion Ratio Lower Upper
56 100
69 162.6 27.8 41.6#
84 151.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.627 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion: 65 Resp: 91570
Ion Ratio Lower Upper
65 100
67 52.9 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: VY014884.D

Acq: 27 Jul 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

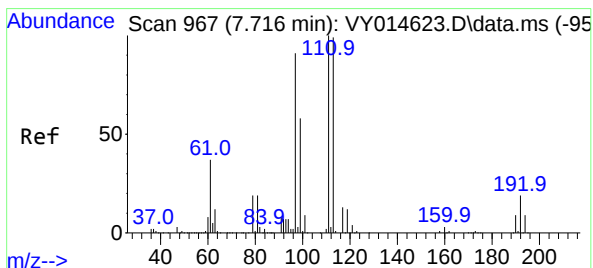
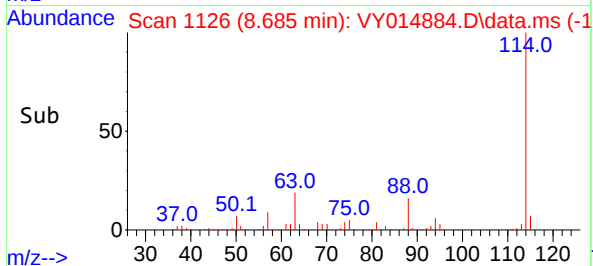
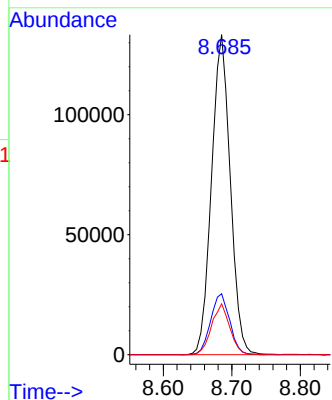
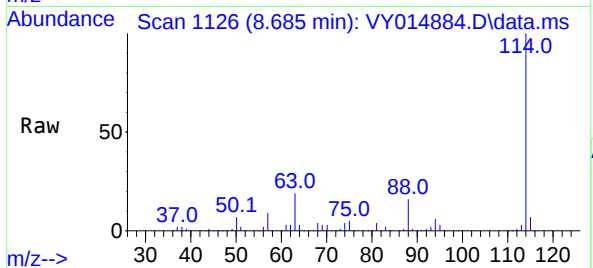
Tgt Ion:114 Resp: 253043

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.016 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014884.D

Acq: 27 Jul 2023 15:55

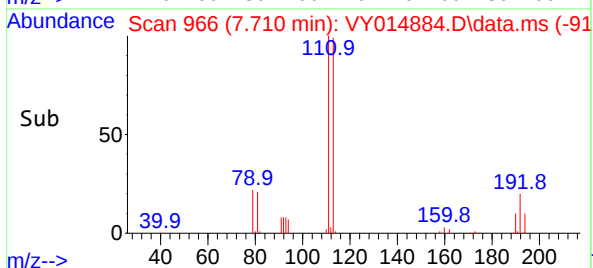
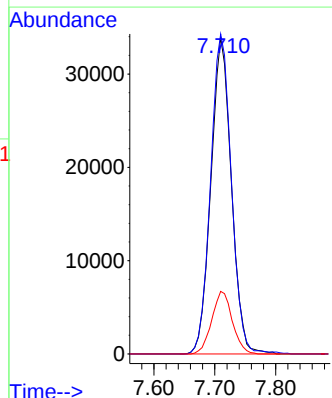
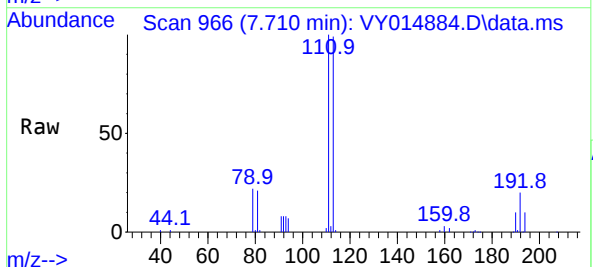
Tgt Ion:113 Resp: 78955

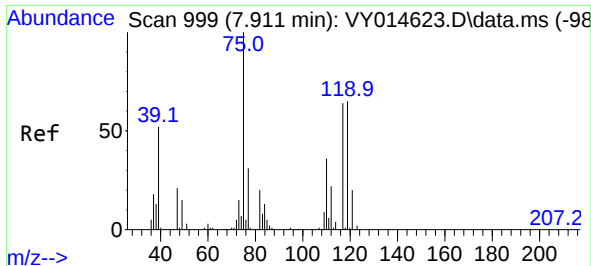
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

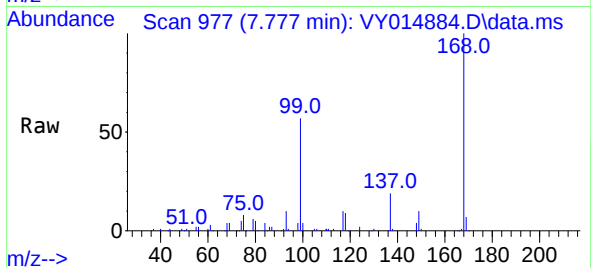
192 19.9 16.9 25.3



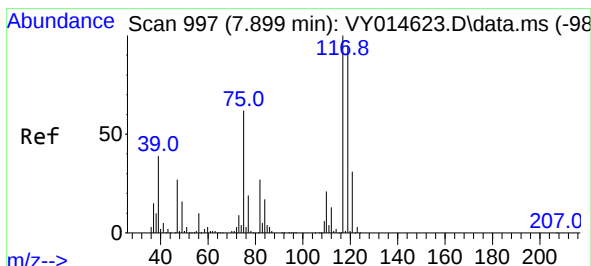
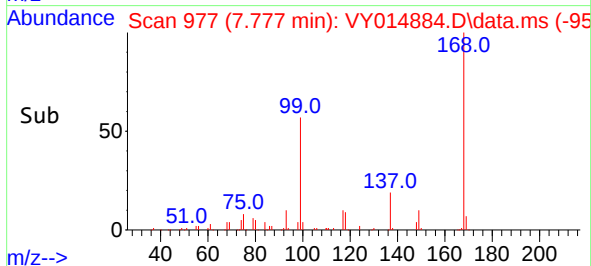
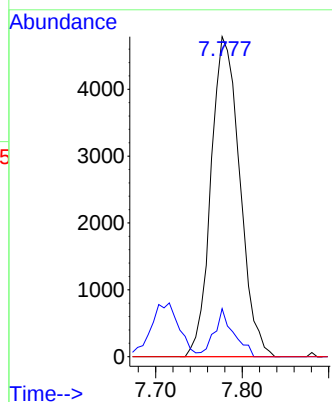


#36
1,1-Dichloropropene
Concen: 4.590 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

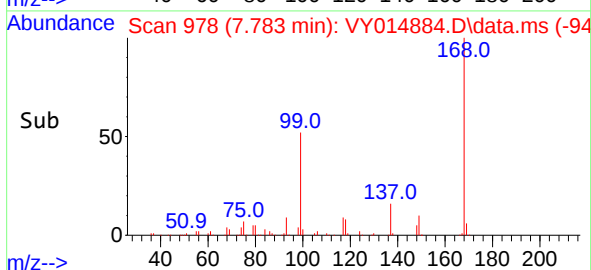
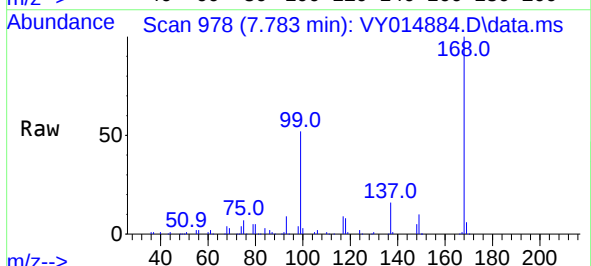
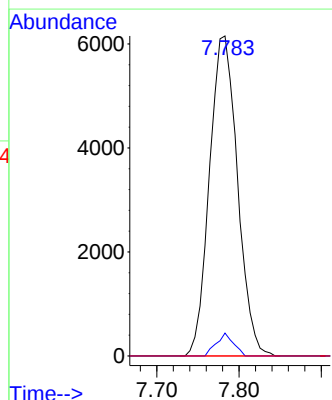


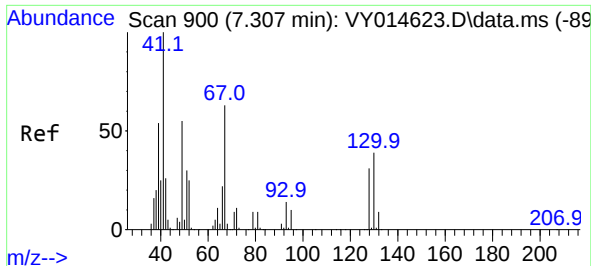
Tgt Ion: 75 Resp: 11056
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

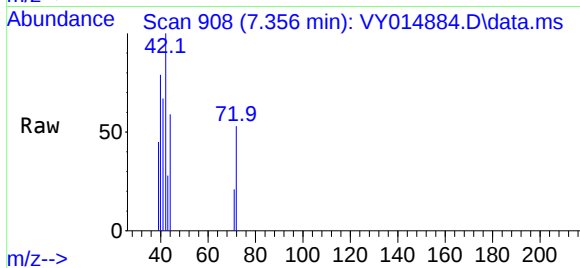
Tgt Ion: 117 Resp: 14571
Ion Ratio Lower Upper
117 100
119 7.1 76.4 114.6#
121 0.0 25.8 38.6#



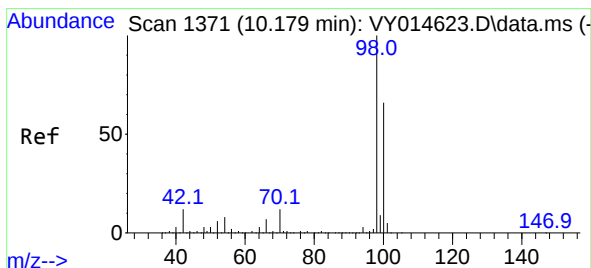
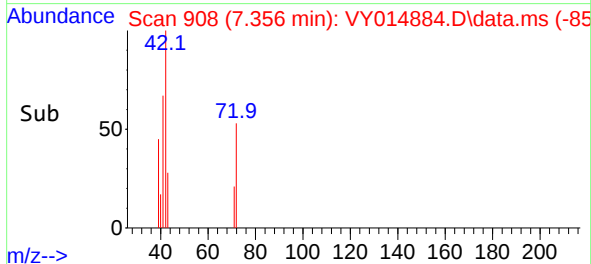
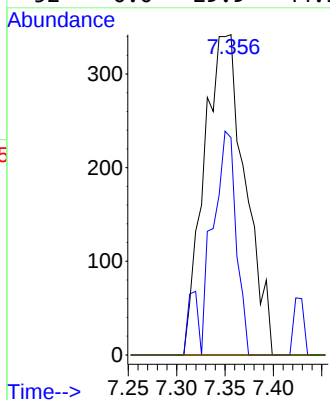


#41
Methacrylonitrile
Concen: 1.187 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.049 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

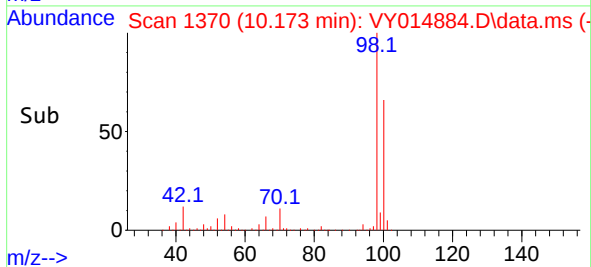
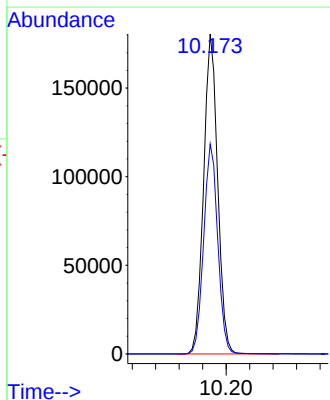
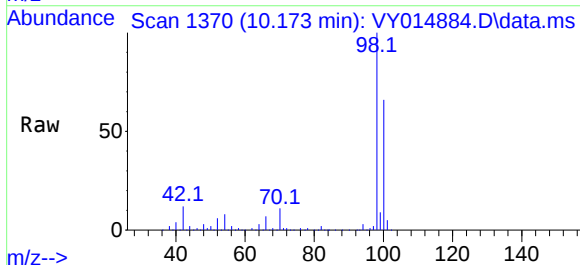


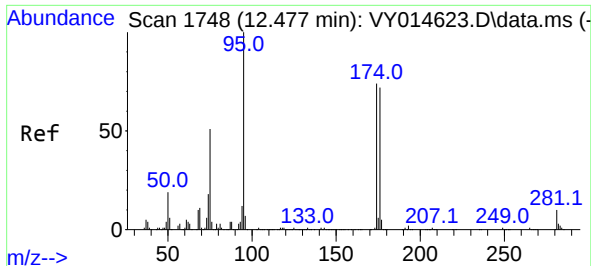
Tgt Ion: 41 Resp: 1013
Ion Ratio Lower Upper
41 100
39 43.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#50
Toluene-d8
Concen: 50.435 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

Tgt Ion: 98 Resp: 299521
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

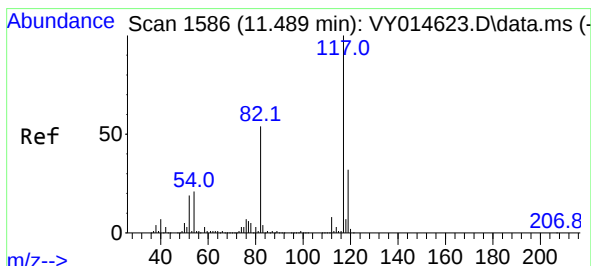
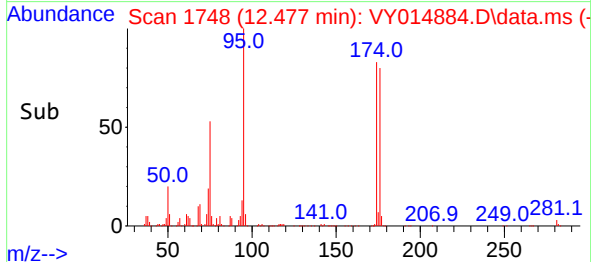
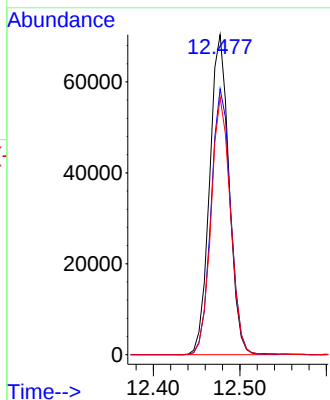
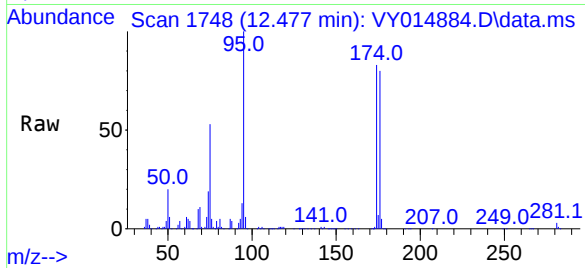




#62
4-Bromofluorobenzene
Concen: 48.027 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

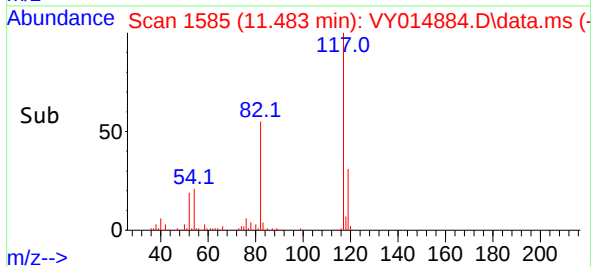
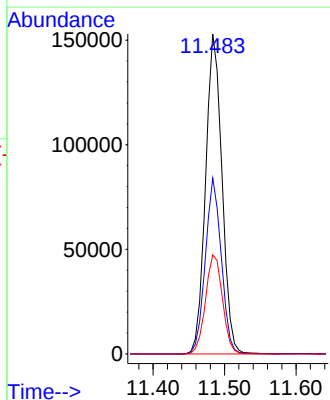
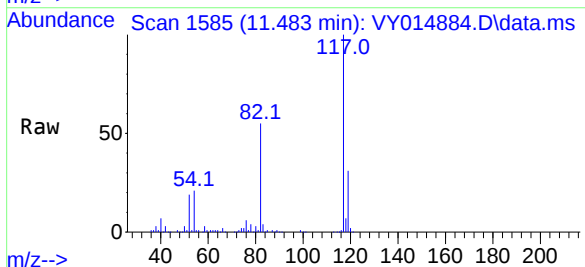
Instrument :
MSVOA_Y
ClientSampleId :

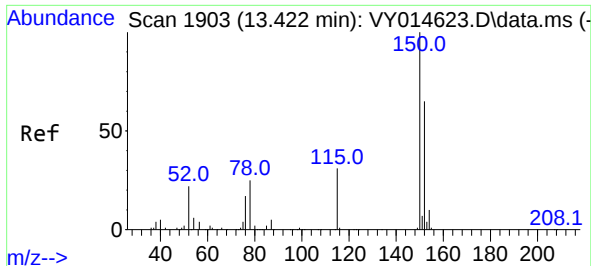
Tgt Ion: 95 Resp: 109364
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014884.D
Acq: 27 Jul 2023 15:55

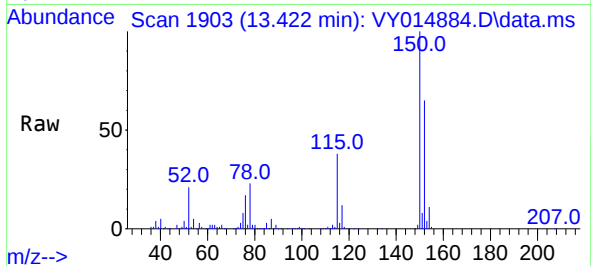
Tgt Ion: 117 Resp: 243836
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 30.9 26.3 39.5



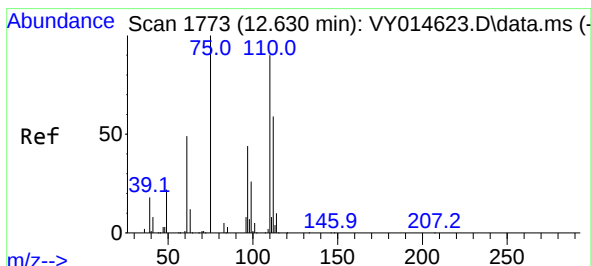
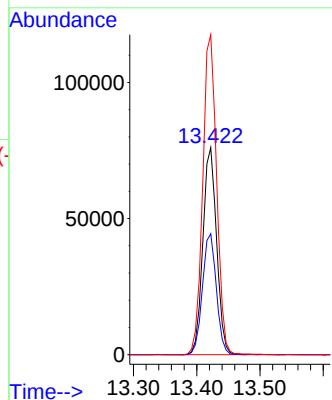
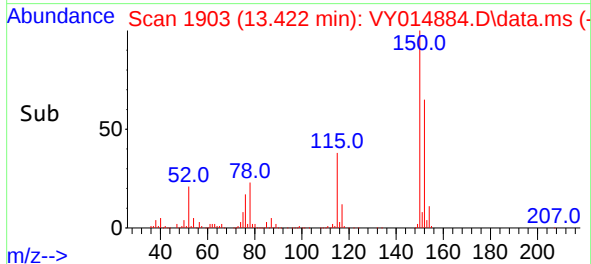


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014884.D
 Acq: 27 Jul 2023 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

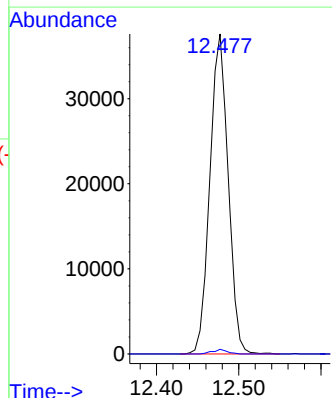
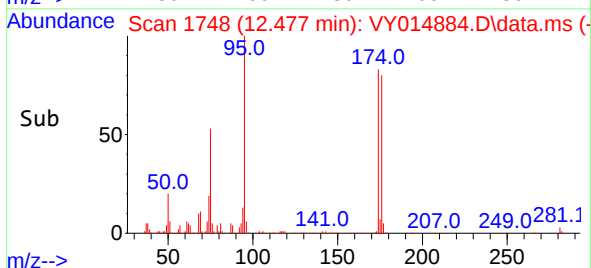
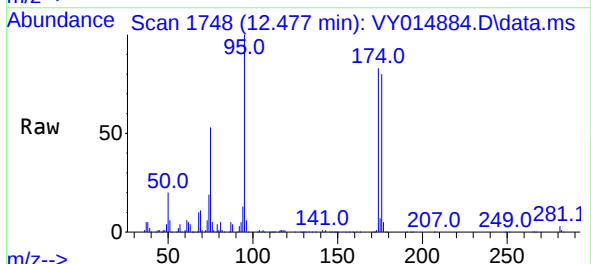


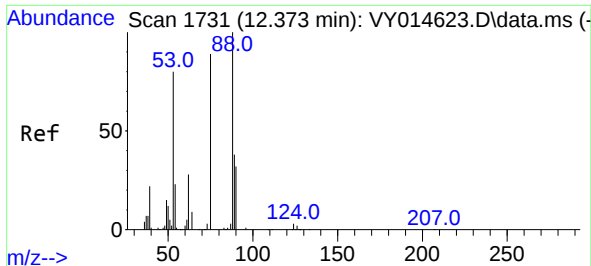
Tgt Ion:152 Resp: 115308
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.5
 150 156.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 39.855 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014884.D
 Acq: 27 Jul 2023 15:55

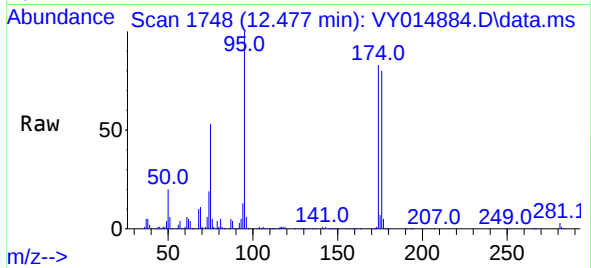
Tgt Ion: 75 Resp: 58041
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.166 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014884.D
 Acq: 27 Jul 2023 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58041
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

