

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014943.D
 Acq On : 02 Aug 2023 20:02
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 03 04:32:44 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)

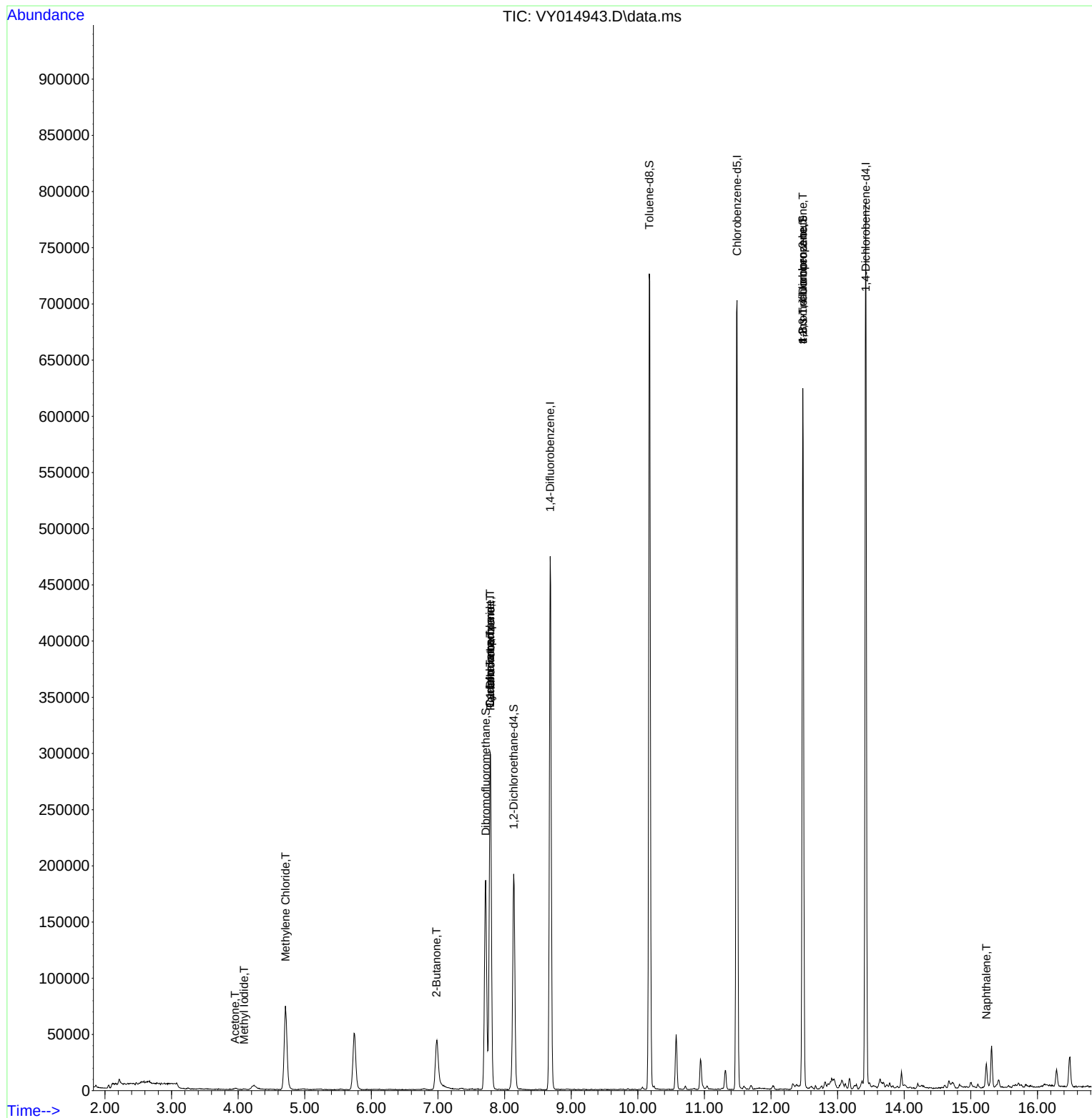
Internal Standards						
1) Pentafluorobenzene	7.789	168	231732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	406480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147240	55.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.716	113	128665	49.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.173	98	484484	50.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.477	95	182661	49.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	821	2.672	ug/l #	91
11) Tert butyl alcohol	4.960	59	1283	Below Cal	#	96
16) Acetone	3.954	43	2223	2.657	ug/l	93
20) Methylene Chloride	4.710	84	53369	16.831	ug/l	90
25) 2-Butanone	6.978	43	2825	2.308	ug/l #	80
31) Cyclohexane	7.783	56	4994	1.139	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	18623	4.813	ug/l #	50
38) Carbon Tetrachloride	7.783	117	22964	5.614	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	97870	40.174	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	97870	77.784	ug/l #	11
95) Naphthalene	15.233	128	17900	1.969	ug/l	99

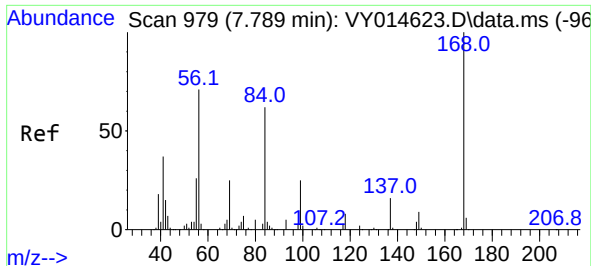
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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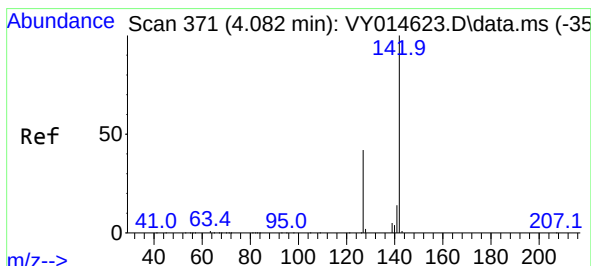
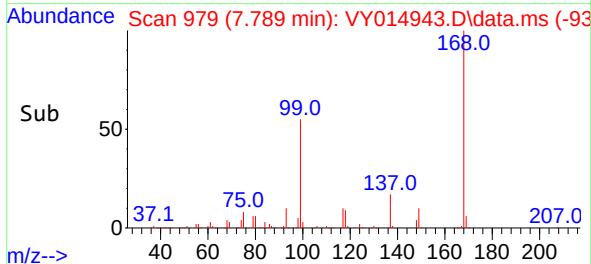
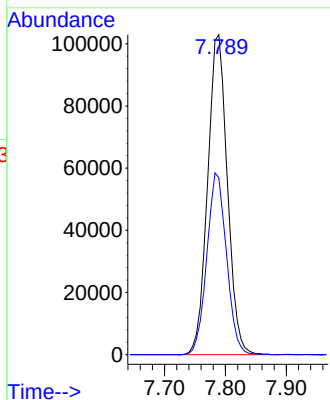
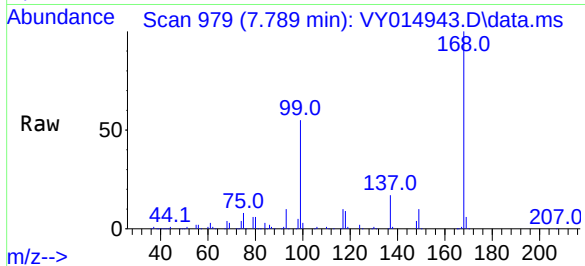




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

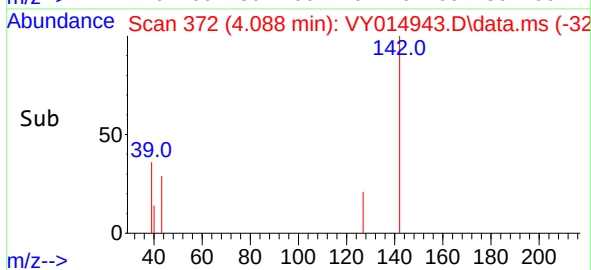
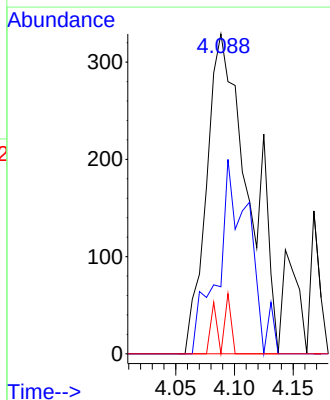
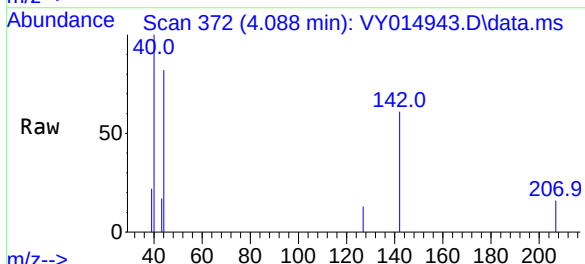
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

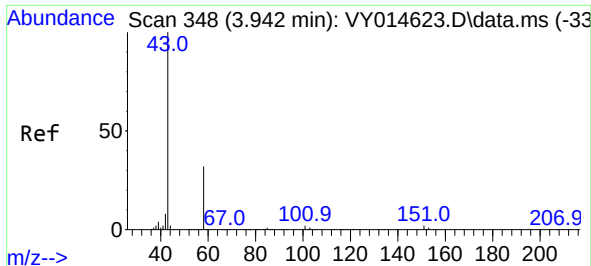
Tgt Ion:168 Resp: 231732
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.672 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Tgt Ion:142 Resp: 821
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 2.3 11.8 17.8#

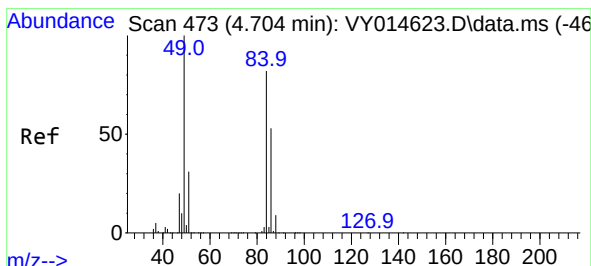
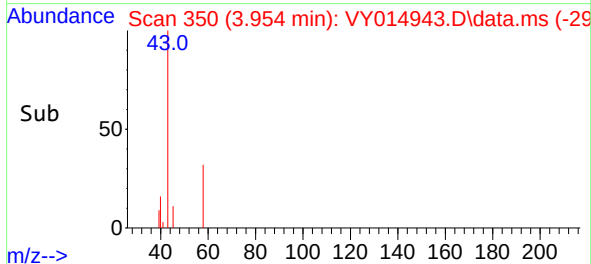
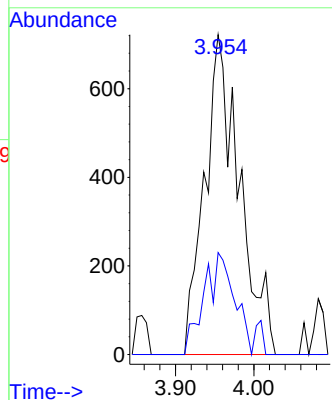
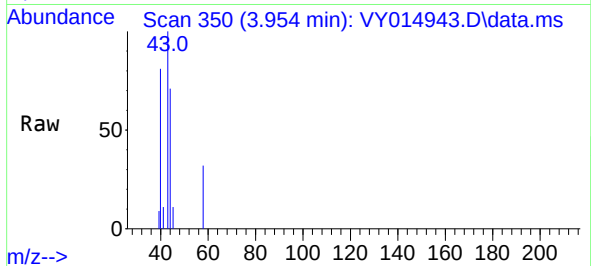




#16
Acetone
Concen: 2.657 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

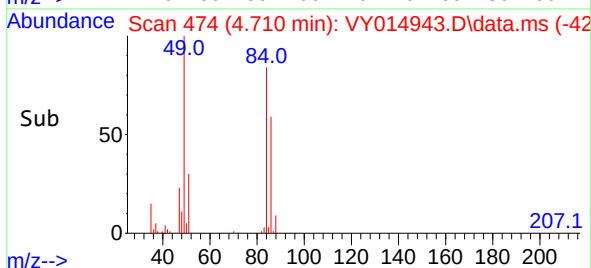
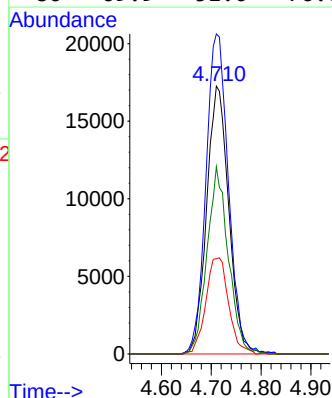
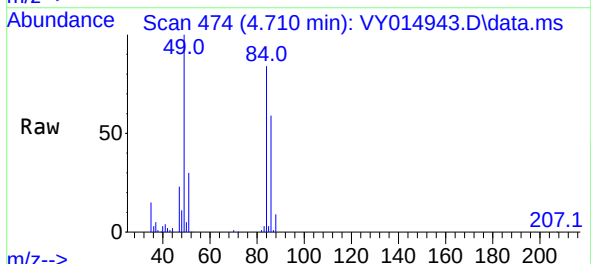
Instrument :
MSVOA_Y
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VSTDCCC050EC

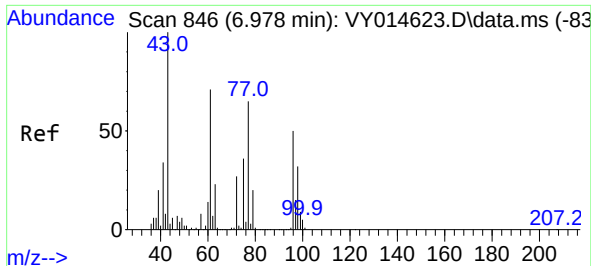
Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1



#20
Methylene Chloride
Concen: 16.831 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Tgt Ion: 84 Resp: 53369
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 35.5 33.2 49.8
86 69.9 51.0 76.6

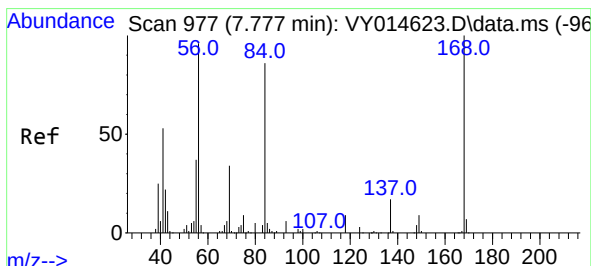
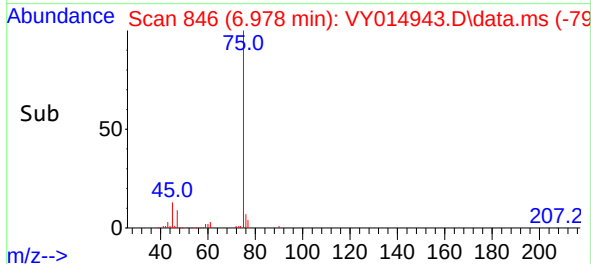
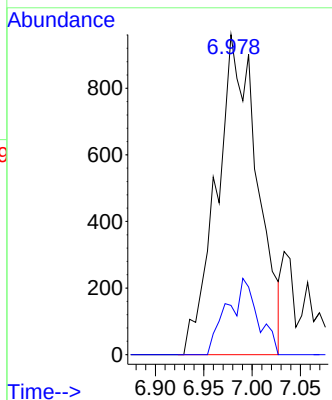
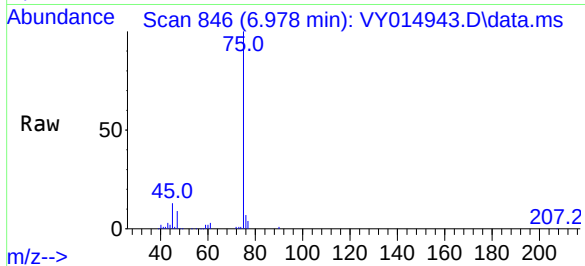




#25
2-Butanone
Concen: 2.308 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

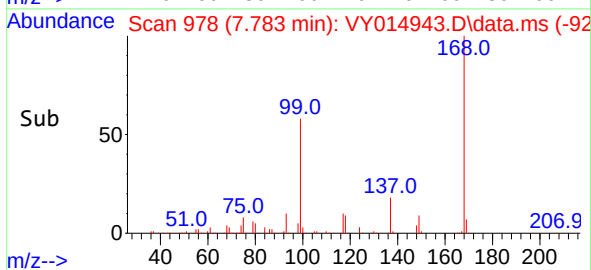
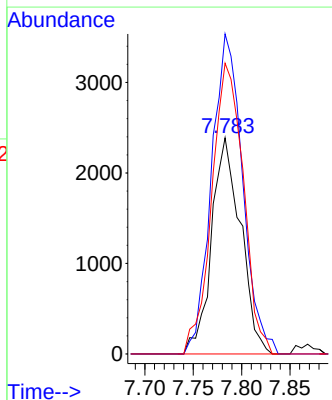
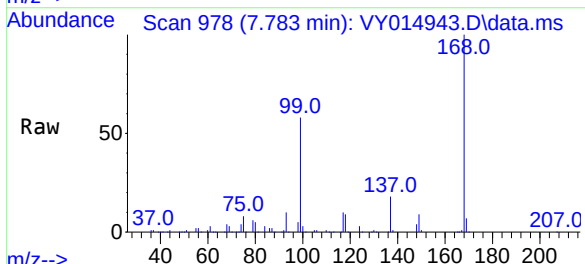
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

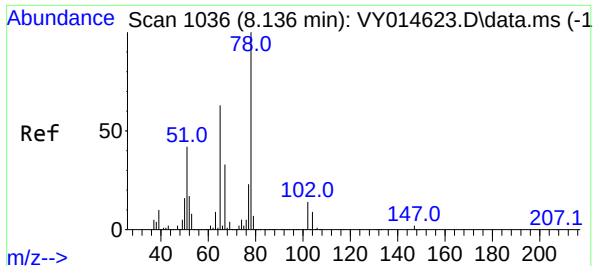
Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
72 15.4 20.5 30.7#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Tgt Ion: 56 Resp: 4994
Ion Ratio Lower Upper
56 100
69 148.0 27.8 41.6#
84 134.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.758 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014943.D

Acq: 02 Aug 2023 20:02

Instrument :

MSVOA_Y

ClientSampleId :

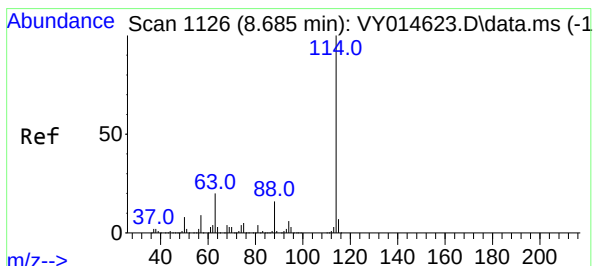
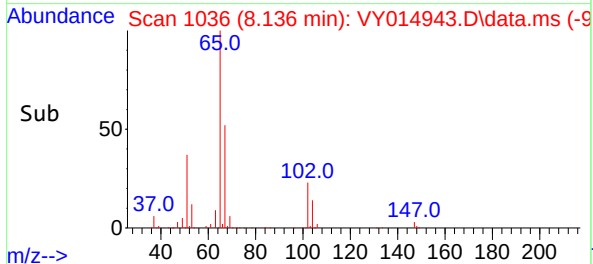
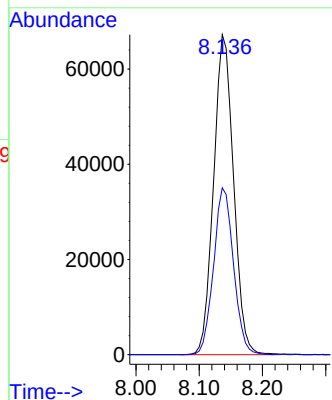
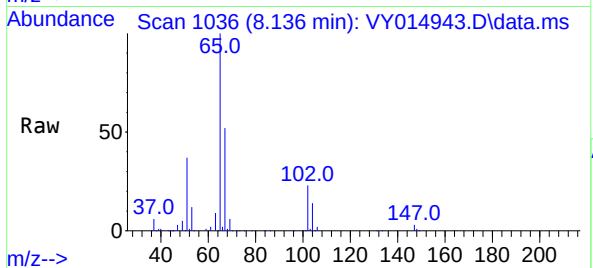
VSTDCCC050EC

Tgt Ion: 65 Resp: 147240

Ion Ratio Lower Upper

65 100

67 52.1 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: VY014943.D

Acq: 02 Aug 2023 20:02

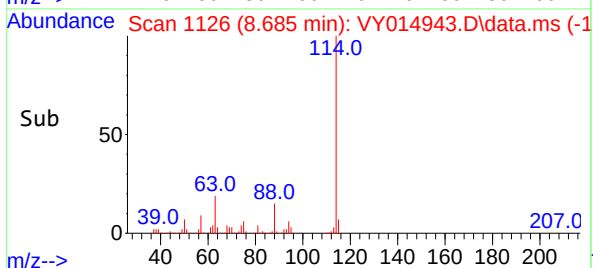
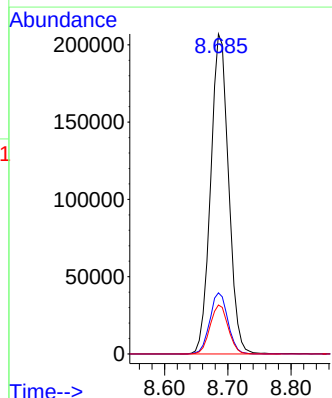
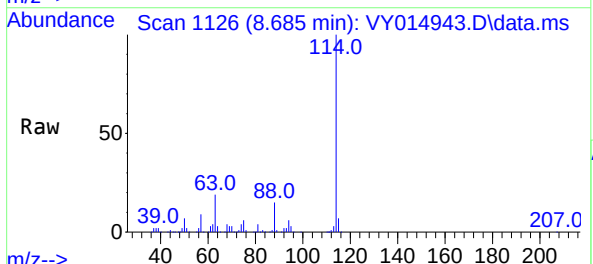
Tgt Ion: 114 Resp: 406480

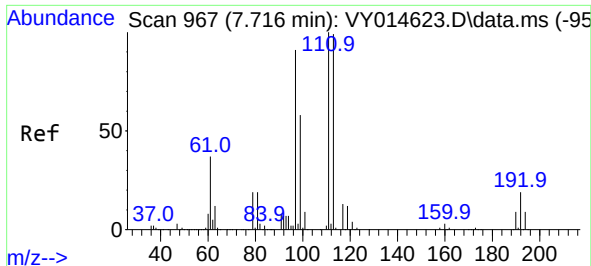
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6

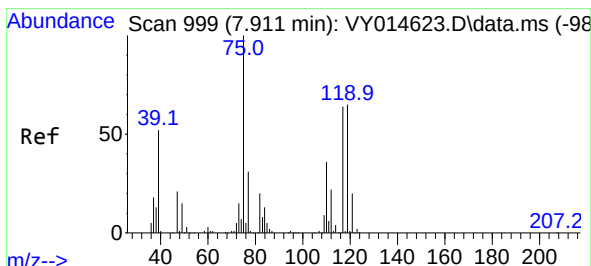
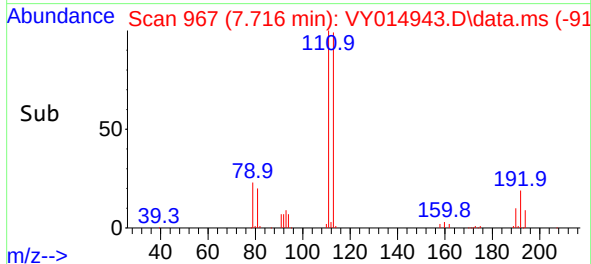
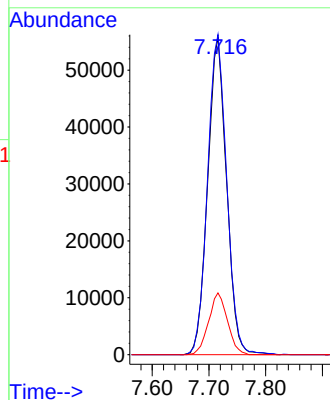
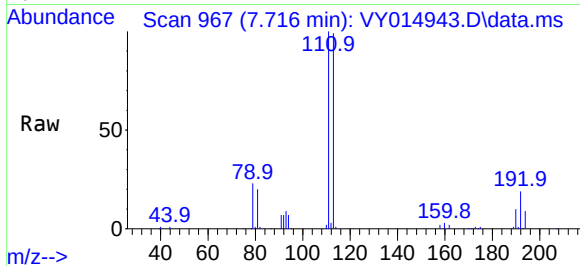




#35
Dibromofluoromethane
Concen: 49.725 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

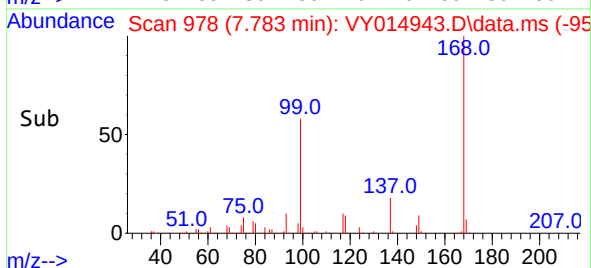
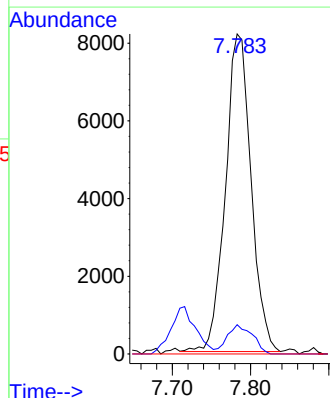
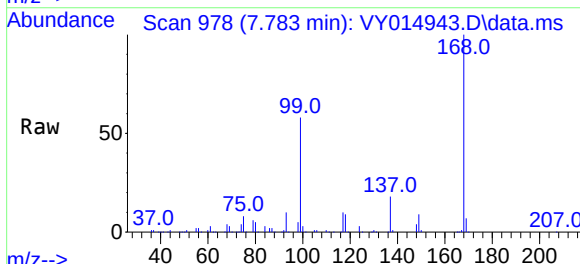
Instrument :
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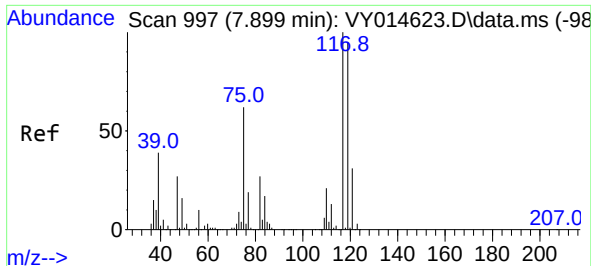
Tgt Ion:113 Resp: 128665
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

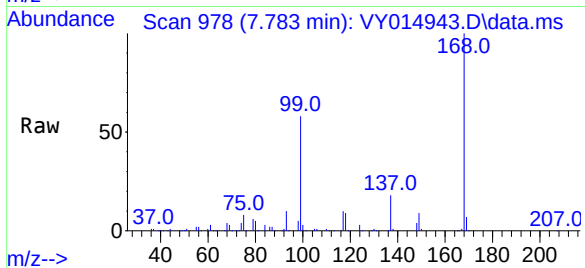
Tgt Ion: 75 Resp: 18623
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



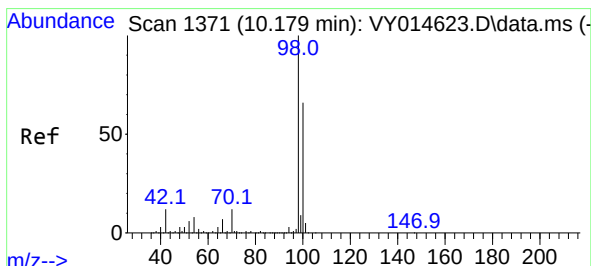
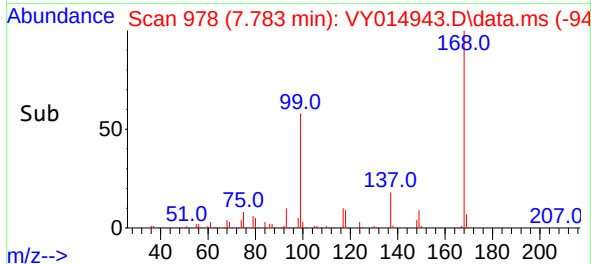
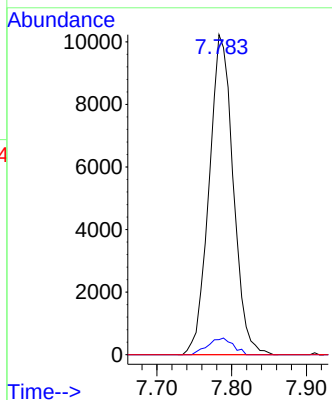


#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Instrument :
MSVOA_Y
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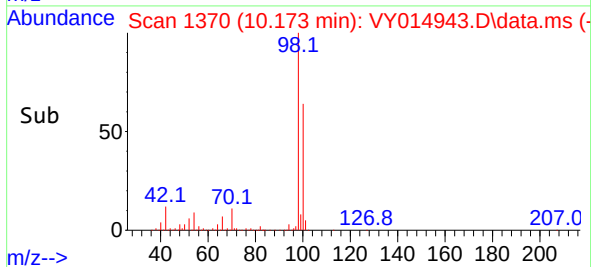
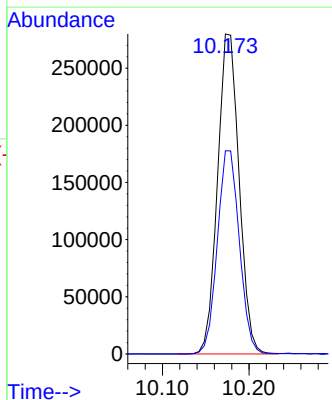
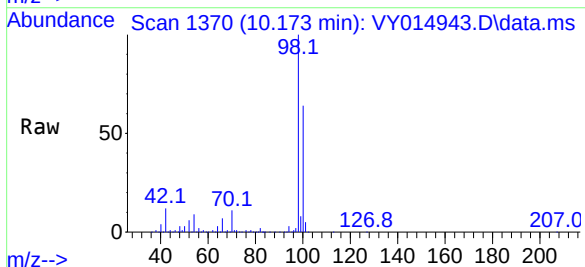


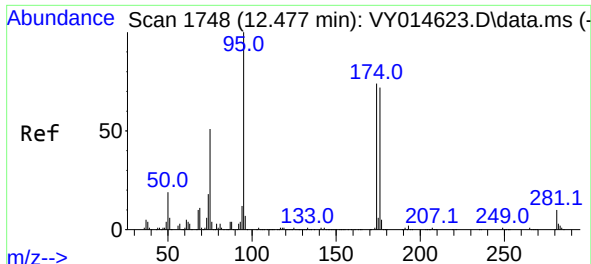
Tgt Ion:117 Resp: 22964
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.786 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Tgt Ion: 98 Resp: 484484
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

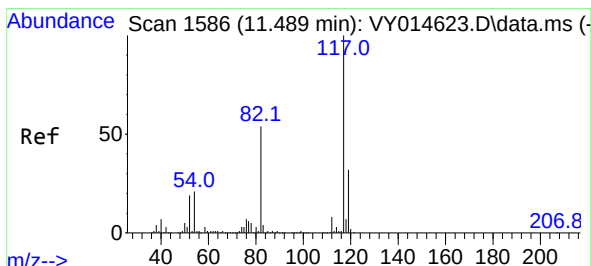
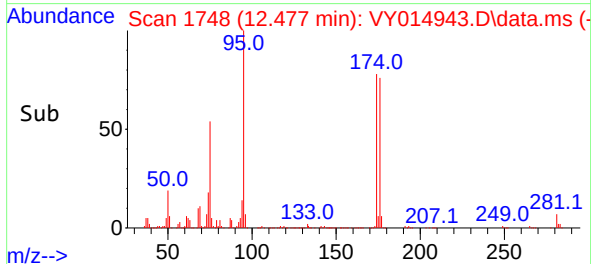
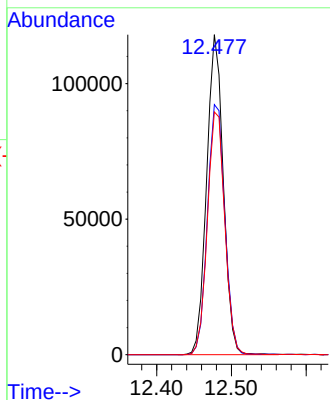
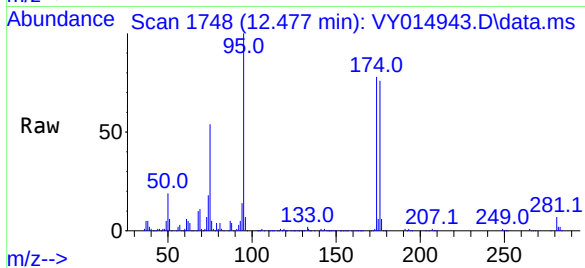




#62
4-Bromofluorobenzene
Concen: 49.936 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

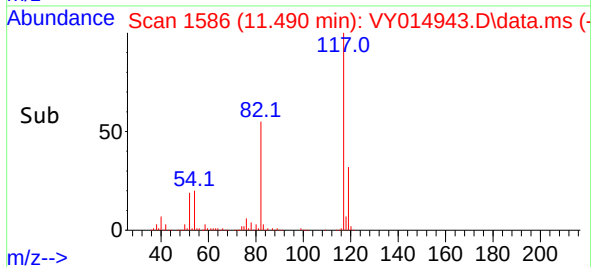
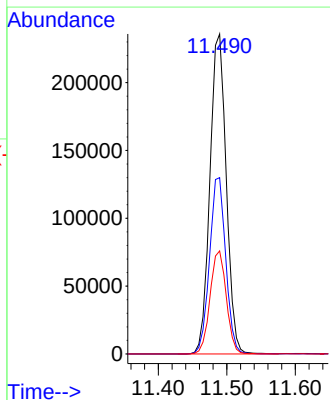
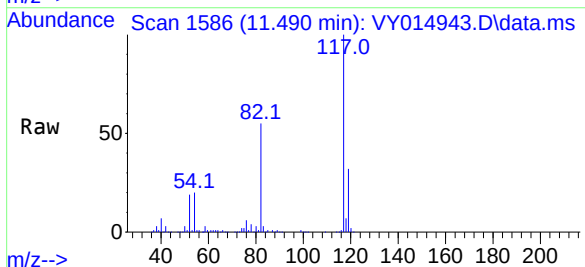
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

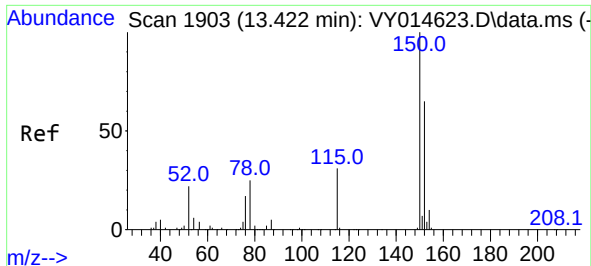
Tgt Ion: 95 Resp: 182661
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 79.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Tgt Ion: 117 Resp: 389961
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.2 26.3 39.5

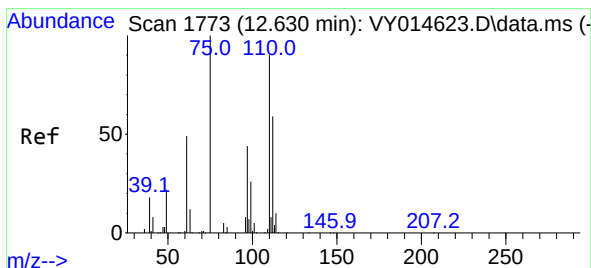
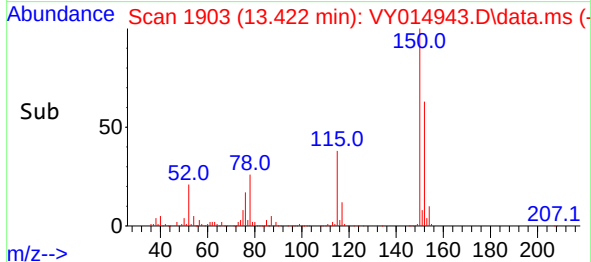
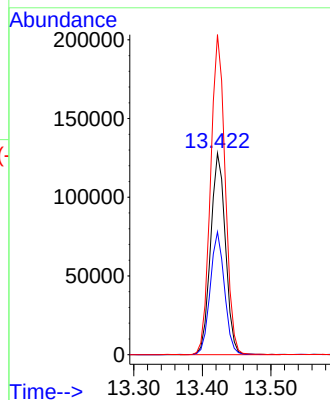
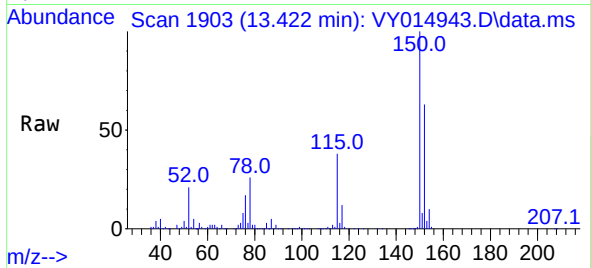




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014943.D
 Acq: 02 Aug 2023 20:02

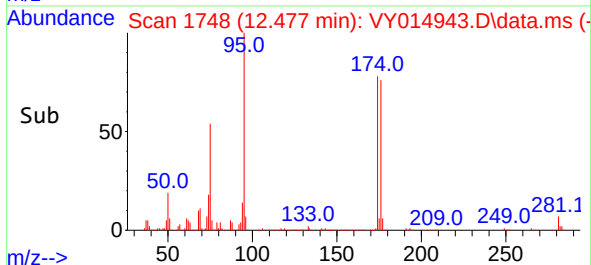
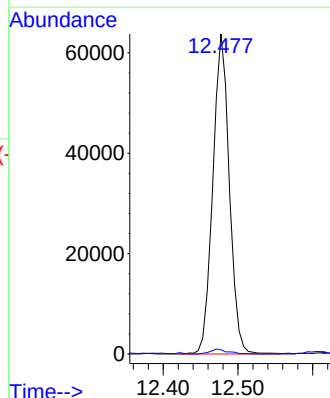
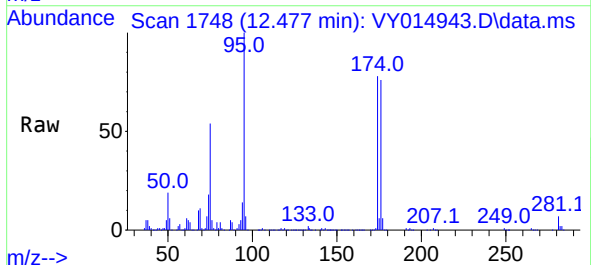
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

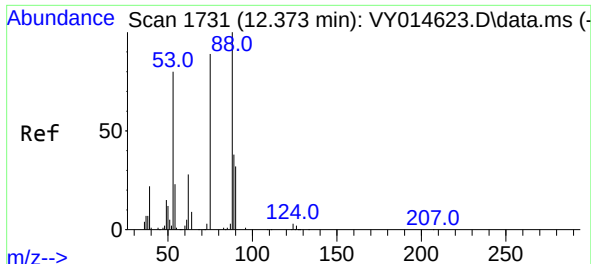
Tgt Ion:152 Resp: 192891
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 157.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.174 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014943.D
 Acq: 02 Aug 2023 20:02

Tgt Ion: 75 Resp: 97870
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

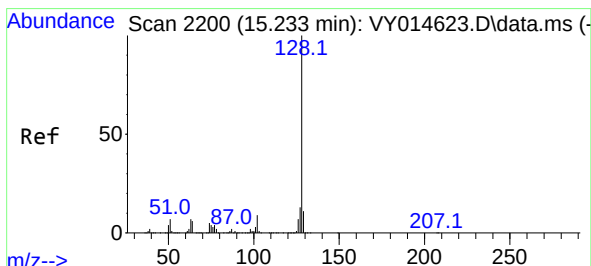
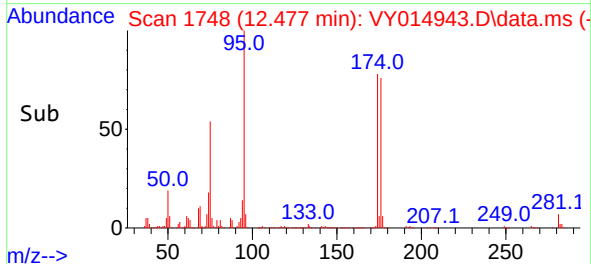
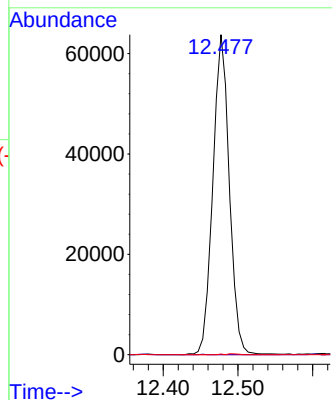
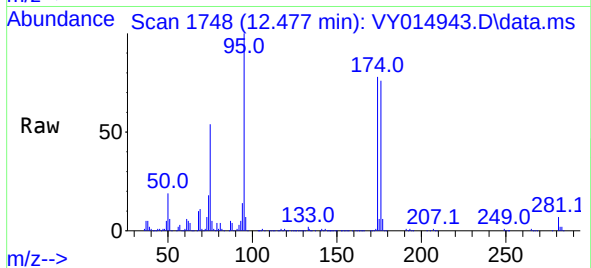




#81
trans-1,4-Dichloro-2-butene
Concen: 77.784 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 97870
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 1.969 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014943.D
Acq: 02 Aug 2023 20:02

Tgt Ion:128 Resp: 17900
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.7 8.6 13.0

