

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080123\
 Data File : VY014922.D
 Acq On : 01 Aug 2023 11:08
 Operator : SY/MD
 Sample : VY0801SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBL01

Quant Time: Aug 02 01:54:34 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	227620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	401551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181814	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	148226	57.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.716	113	126520	49.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.179	98	476496	50.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.477	95	175877	48.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.340%

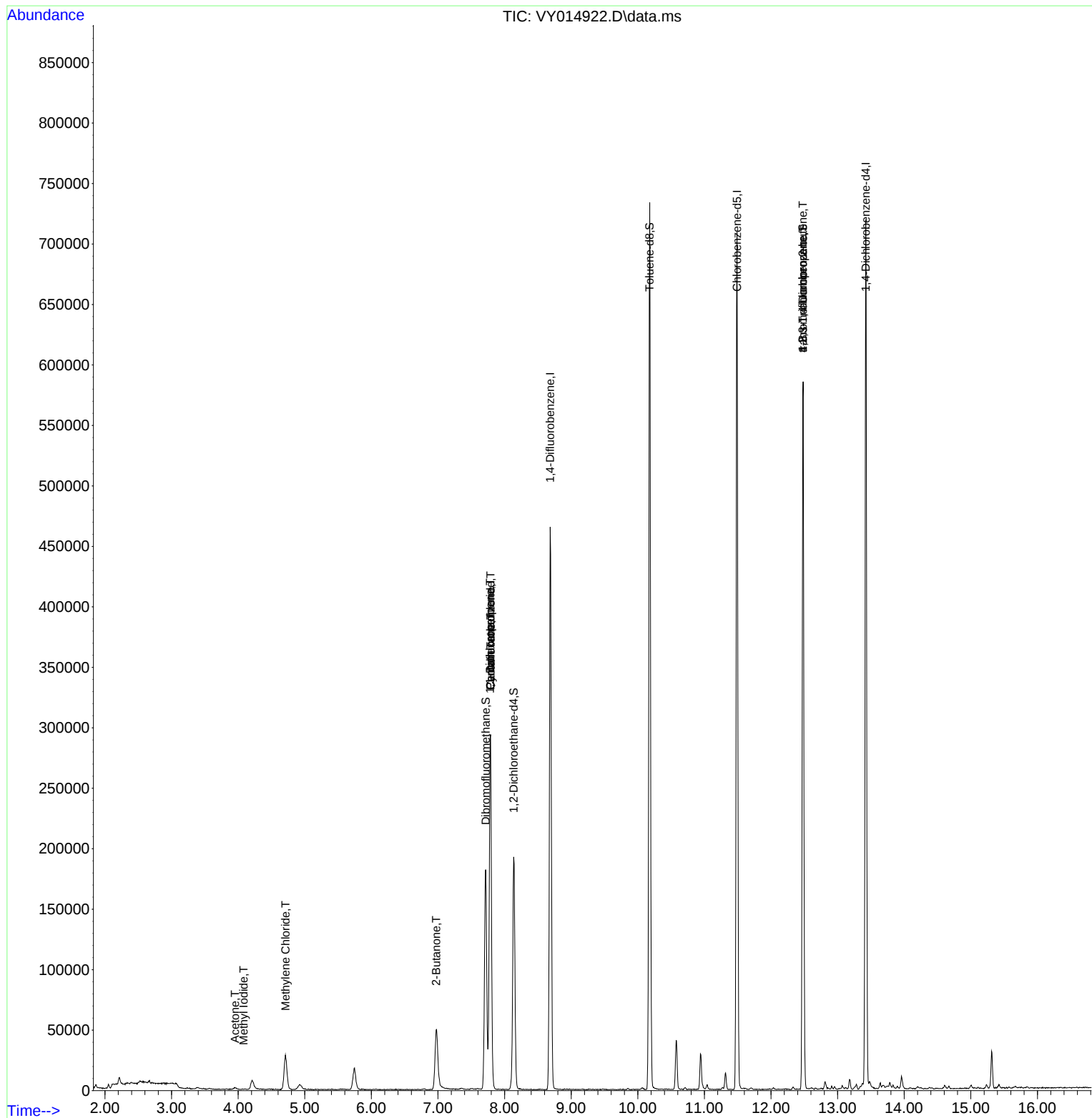
Target Compounds					Qvalue	
10) Methyl Iodide	4.082	142	286	2.477	ug/l #	81
11) Tert butyl alcohol	4.918	59	3514	Below Cal	#	89
16) Acetone	3.954	43	2456	2.988	ug/l	98
20) Methylene Chloride	4.710	84	21129	4.031	ug/l	95
25) 2-Butanone	6.972	43	3099	2.577	ug/l #	76
31) Cyclohexane	7.789	56	5133	1.192	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	18570	4.858	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22228	5.501	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	93761	40.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	93761	79.058	ug/l #	11

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

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ClientSampleId :
VY0801SBL01

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Quant Title : SW846 8260
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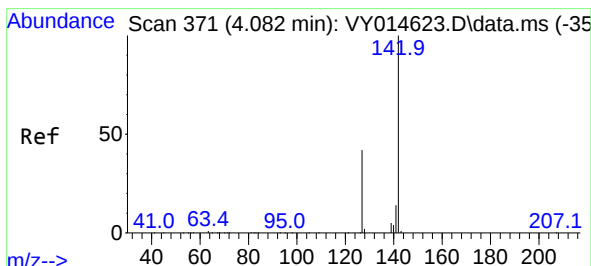
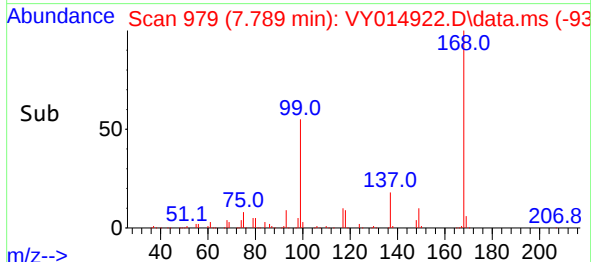
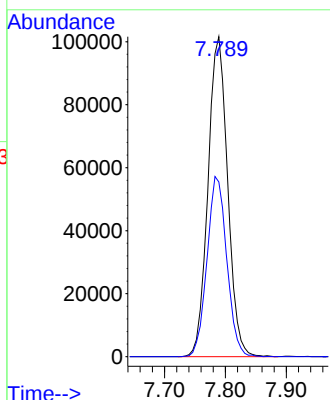
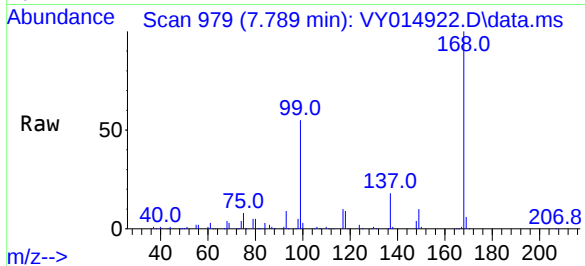




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

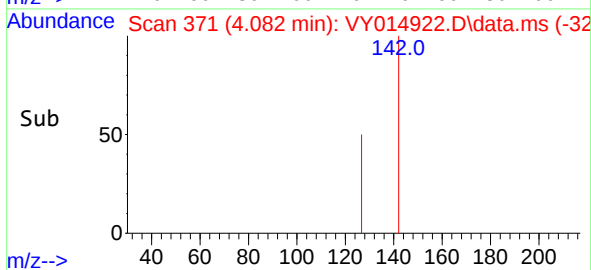
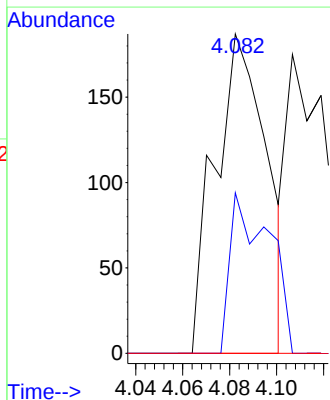
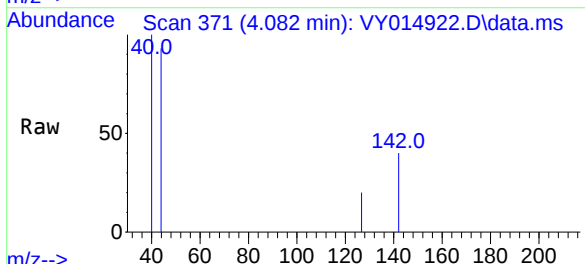
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

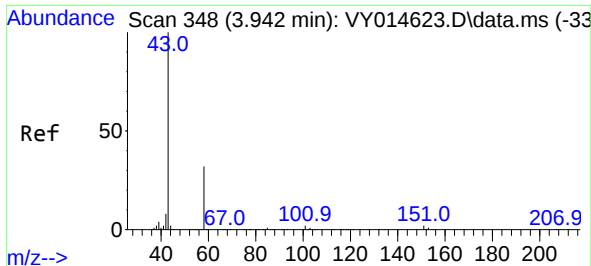
Tgt Ion:168 Resp: 227620
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.477 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Tgt Ion:142 Resp: 286
Ion Ratio Lower Upper
142 100
127 38.1 37.6 56.4
141 0.0 11.8 17.8#

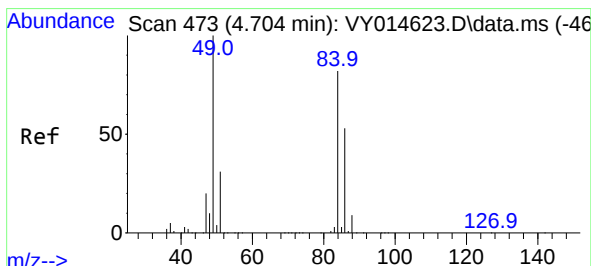
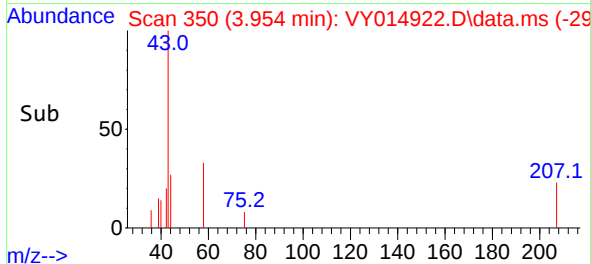
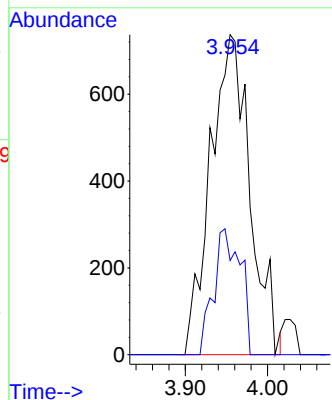
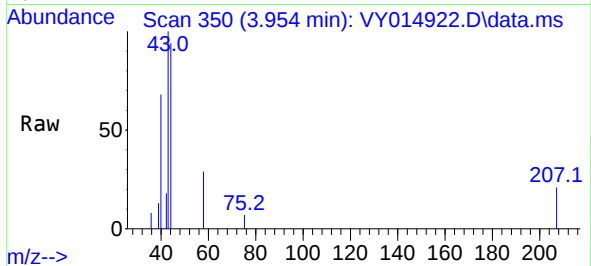




#16
Acetone
Concen: 2.988 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

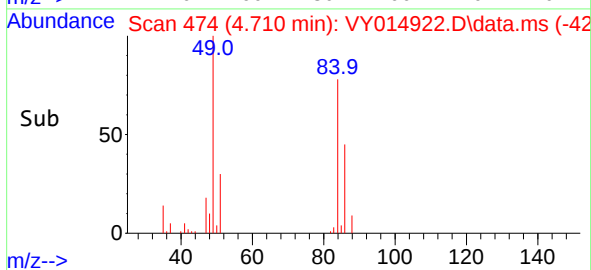
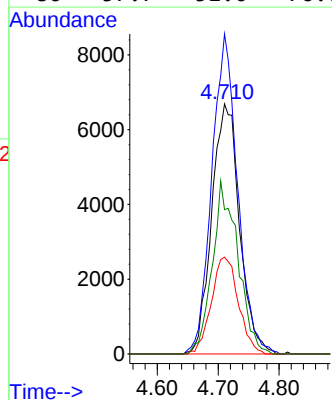
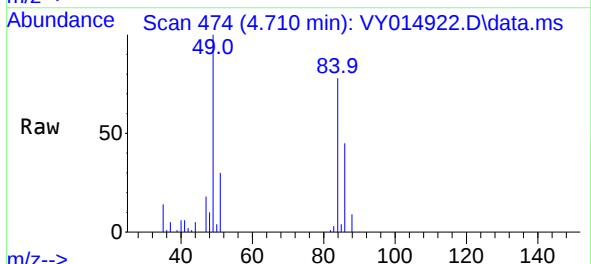
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

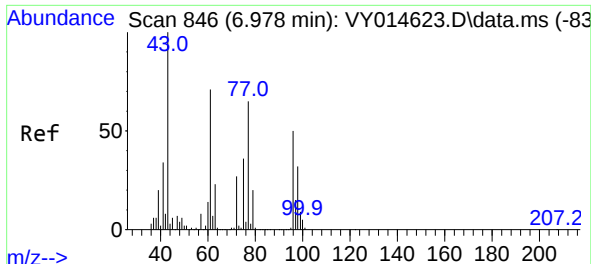
Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1



#20
Methylene Chloride
Concen: 4.031 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Tgt Ion: 84 Resp: 21129
Ion Ratio Lower Upper
84 100
49 128.0 106.9 160.3
51 38.7 33.2 49.8
86 57.7 51.0 76.6

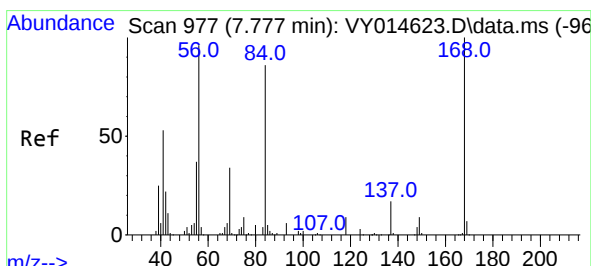
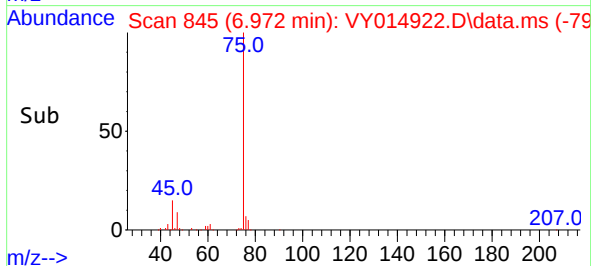
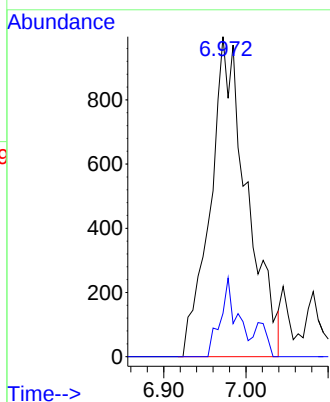
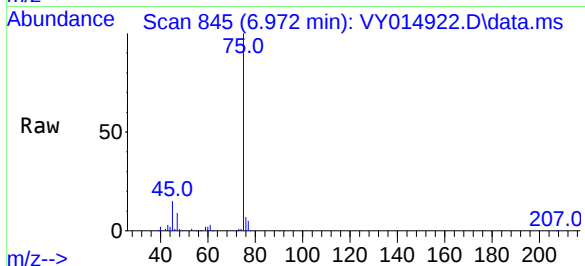




#25
2-Butanone
Concen: 2.577 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

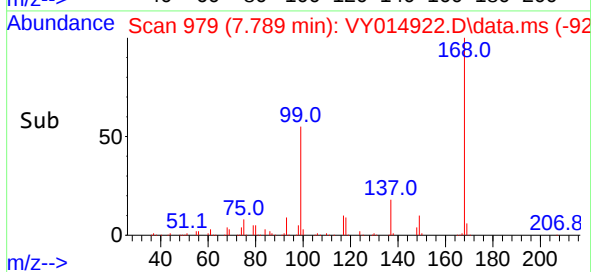
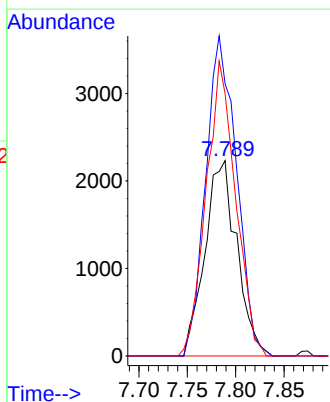
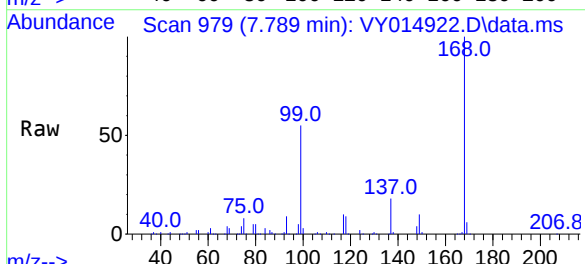
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

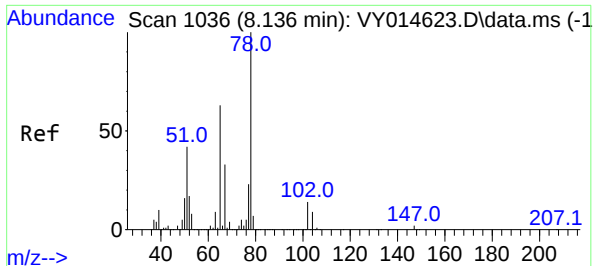
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
72 13.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Tgt Ion: 56 Resp: 5133
Ion Ratio Lower Upper
56 100
69 139.3 27.8 41.6#
84 134.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.146 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014922.D

Acq: 01 Aug 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

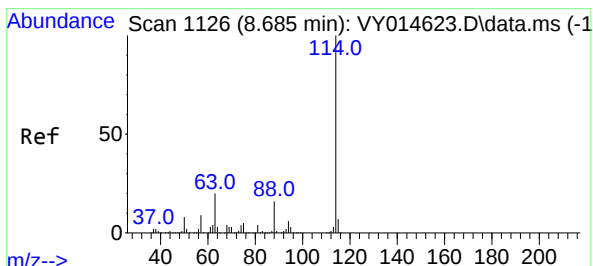
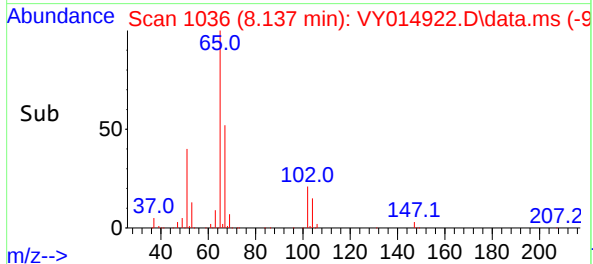
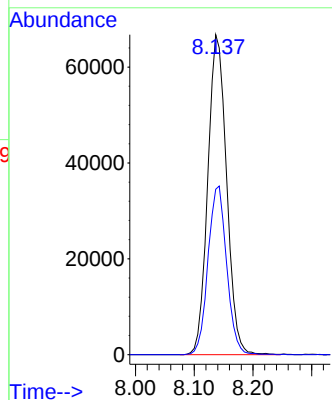
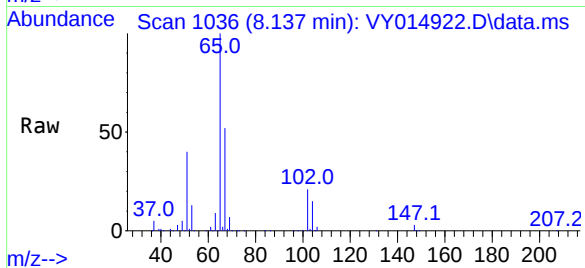
VY0801SBL01

Tgt Ion: 65 Resp: 148226

Ion Ratio Lower Upper

65 100

67 52.2 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: VY014922.D

Acq: 01 Aug 2023 11:08

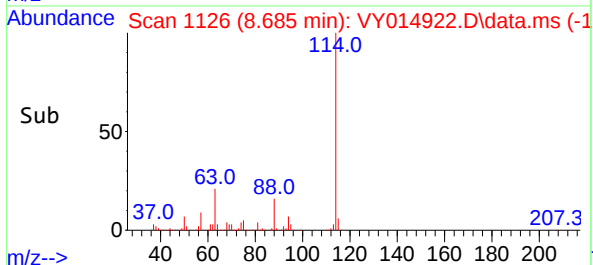
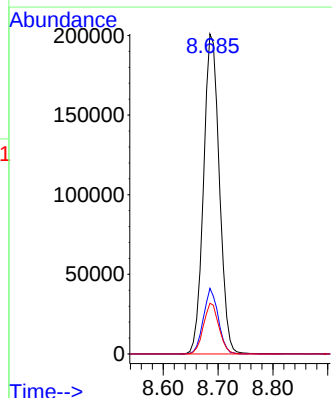
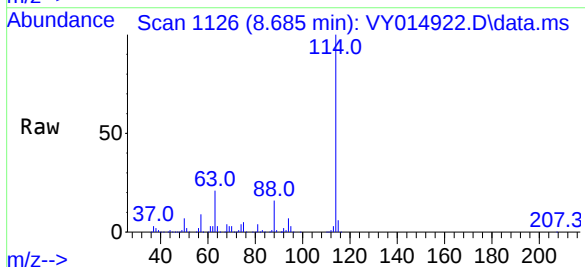
Tgt Ion: 114 Resp: 401551

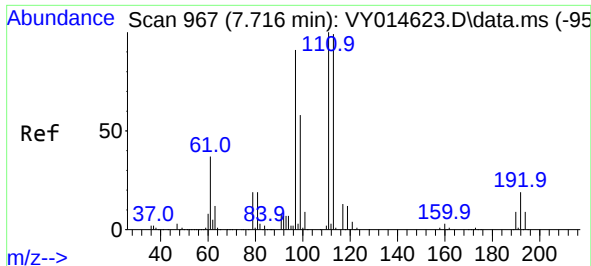
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.9 0.0 30.6

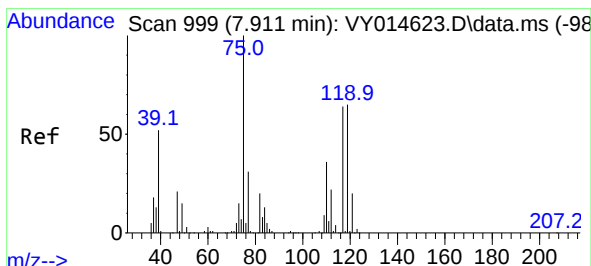
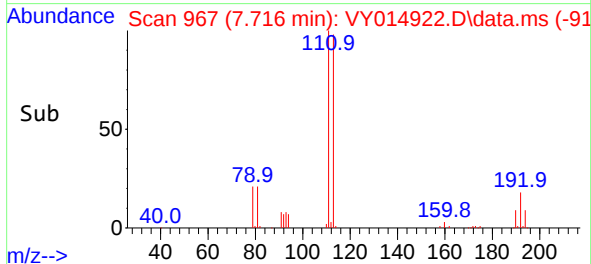
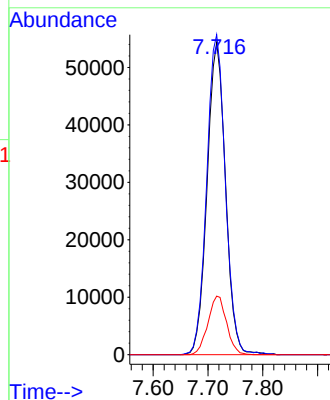
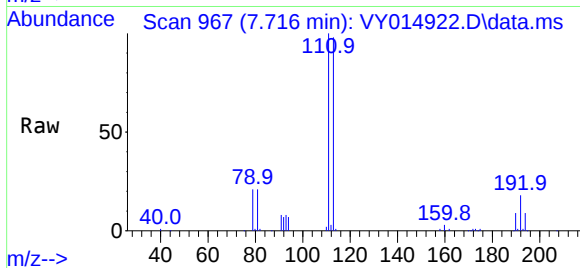




#35
Dibromofluoromethane
Concen: 49.496 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

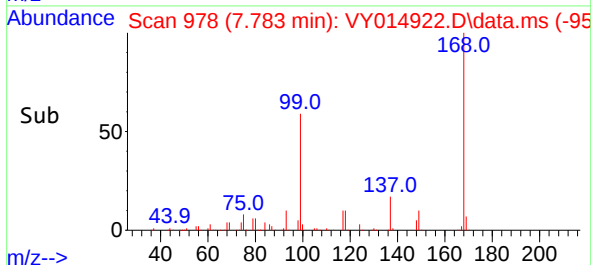
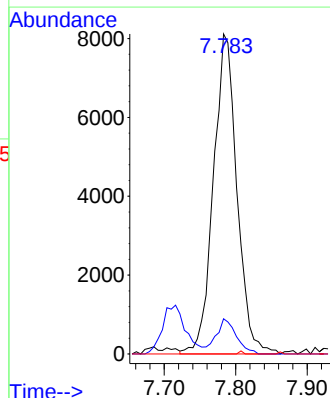
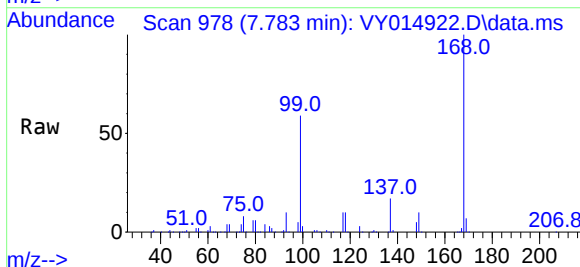
Instrument :
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ClientSampleId :
VY0801SBL01

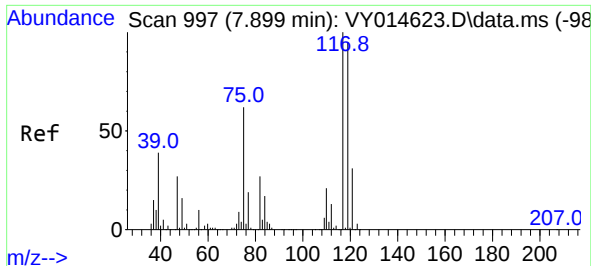
Tgt Ion:113 Resp: 126520
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Tgt Ion: 75 Resp: 18570
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#

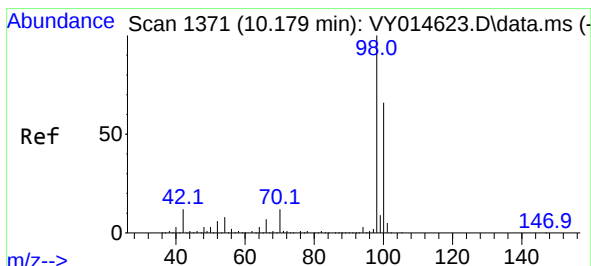
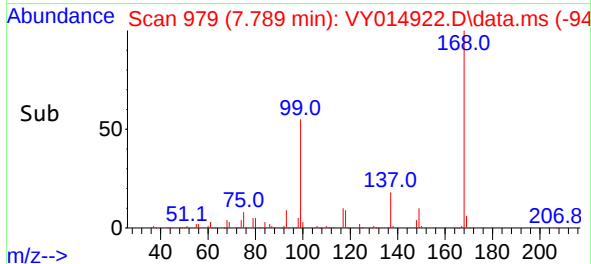
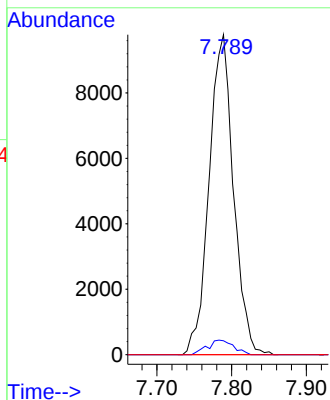
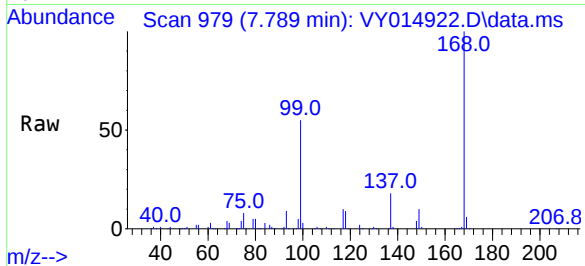




#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

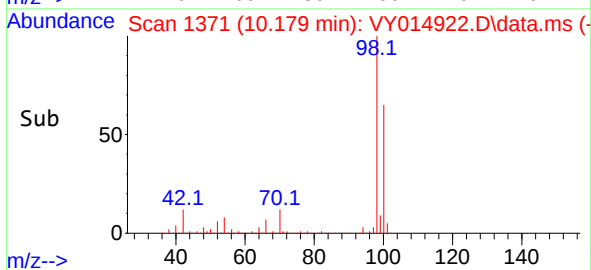
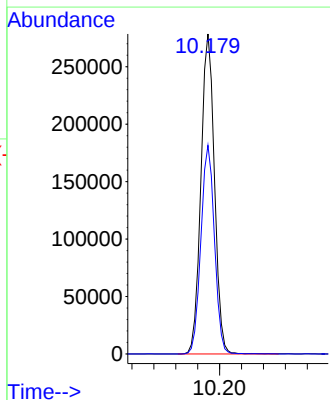
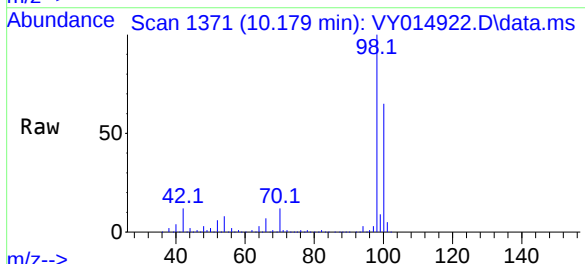
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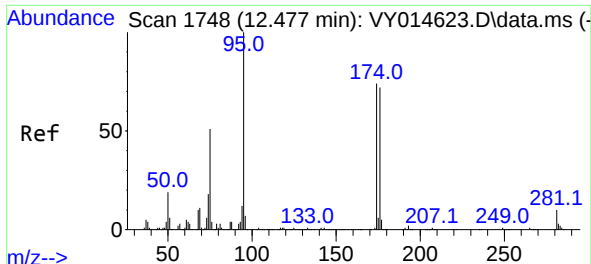
Tgt Ion:117 Resp: 22228
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.562 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Tgt Ion: 98 Resp: 476496
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

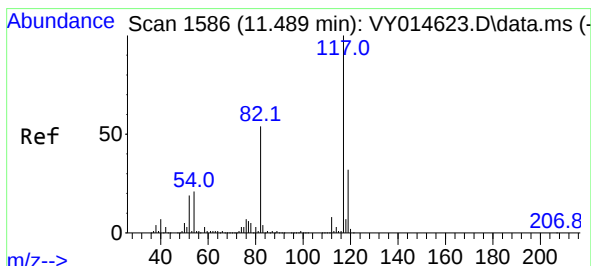
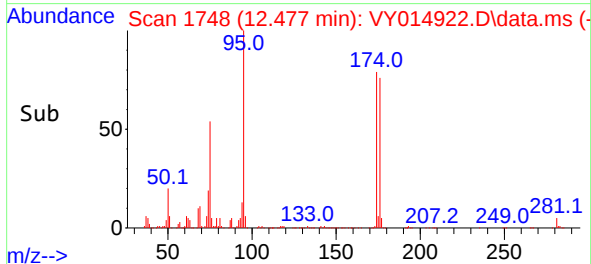
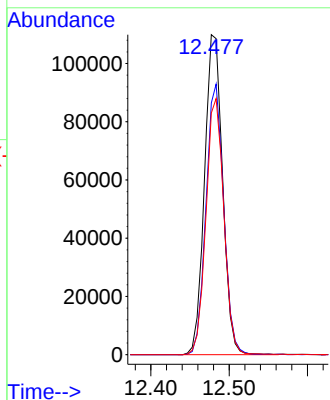
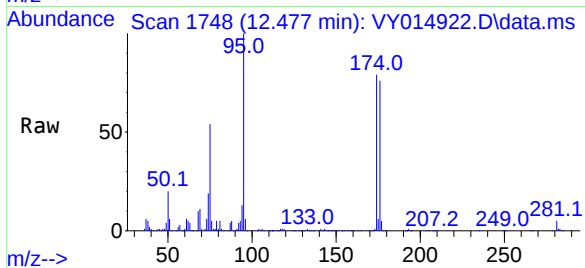




#62
4-Bromofluorobenzene
Concen: 48.672 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

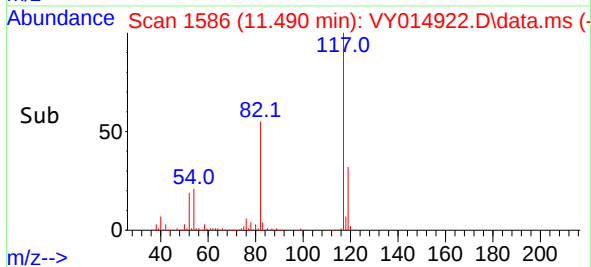
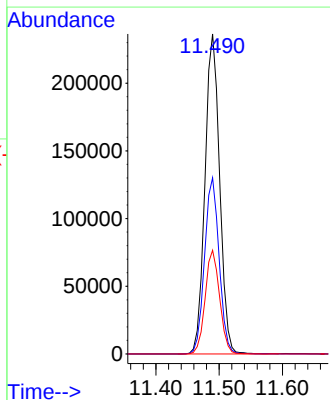
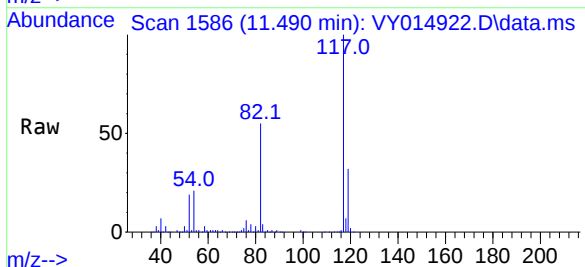
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

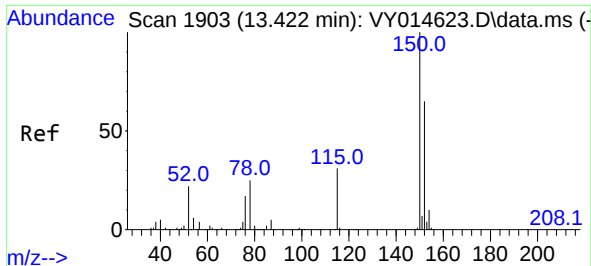
Tgt Ion: 95 Resp: 175877
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 79.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Tgt Ion: 117 Resp: 381704
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.4 26.3 39.5

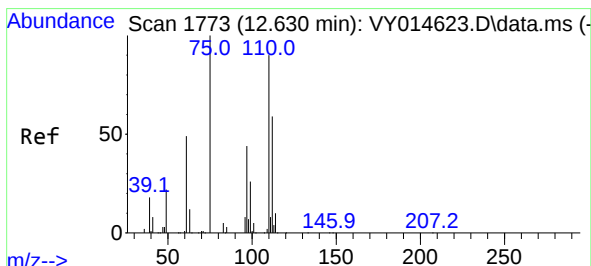
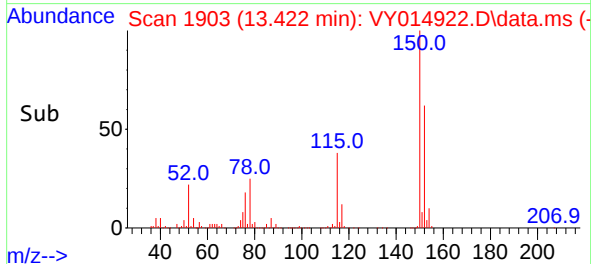
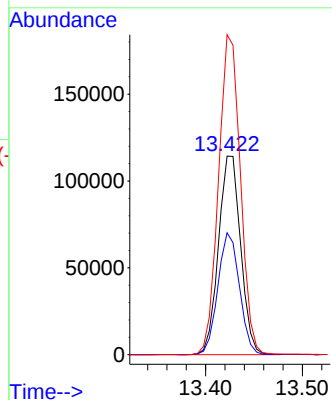
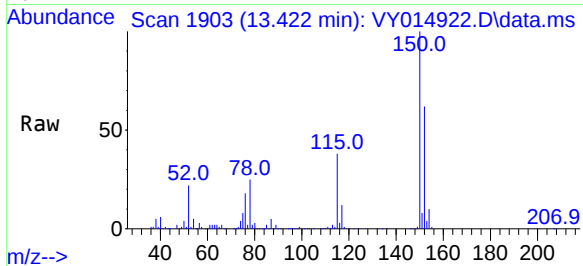




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

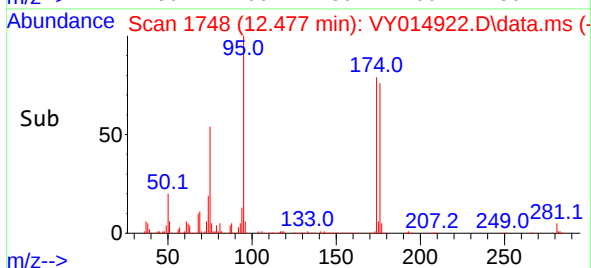
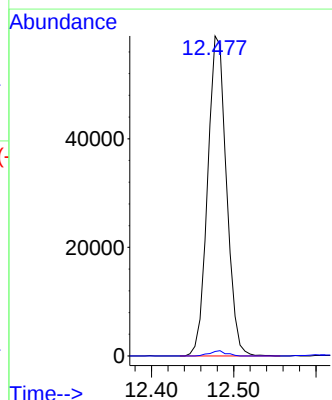
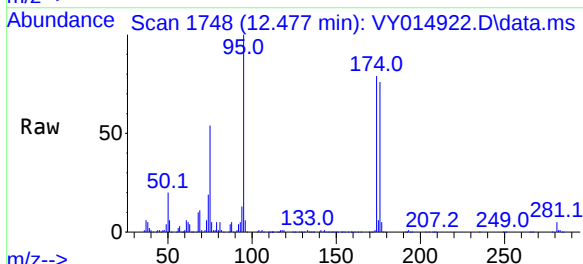
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

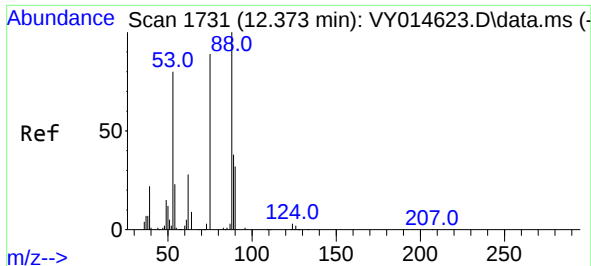
Tgt Ion:152 Resp: 181814
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 159.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

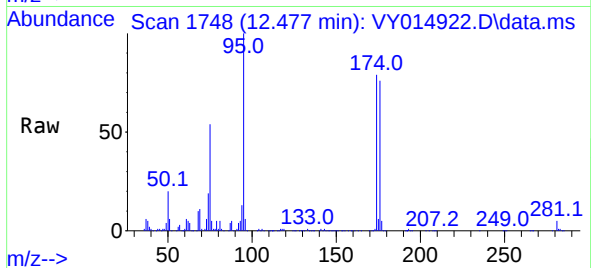
Tgt Ion: 75 Resp: 93761
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.058 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014922.D
Acq: 01 Aug 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01



Tgt Ion: 75 Resp: 93761
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

