

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014449.D
 Acq On : 27 Jun 2023 11:41
 Operator : KP/MD
 Sample : VY0627SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBL01

Quant Time: Jun 27 16:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

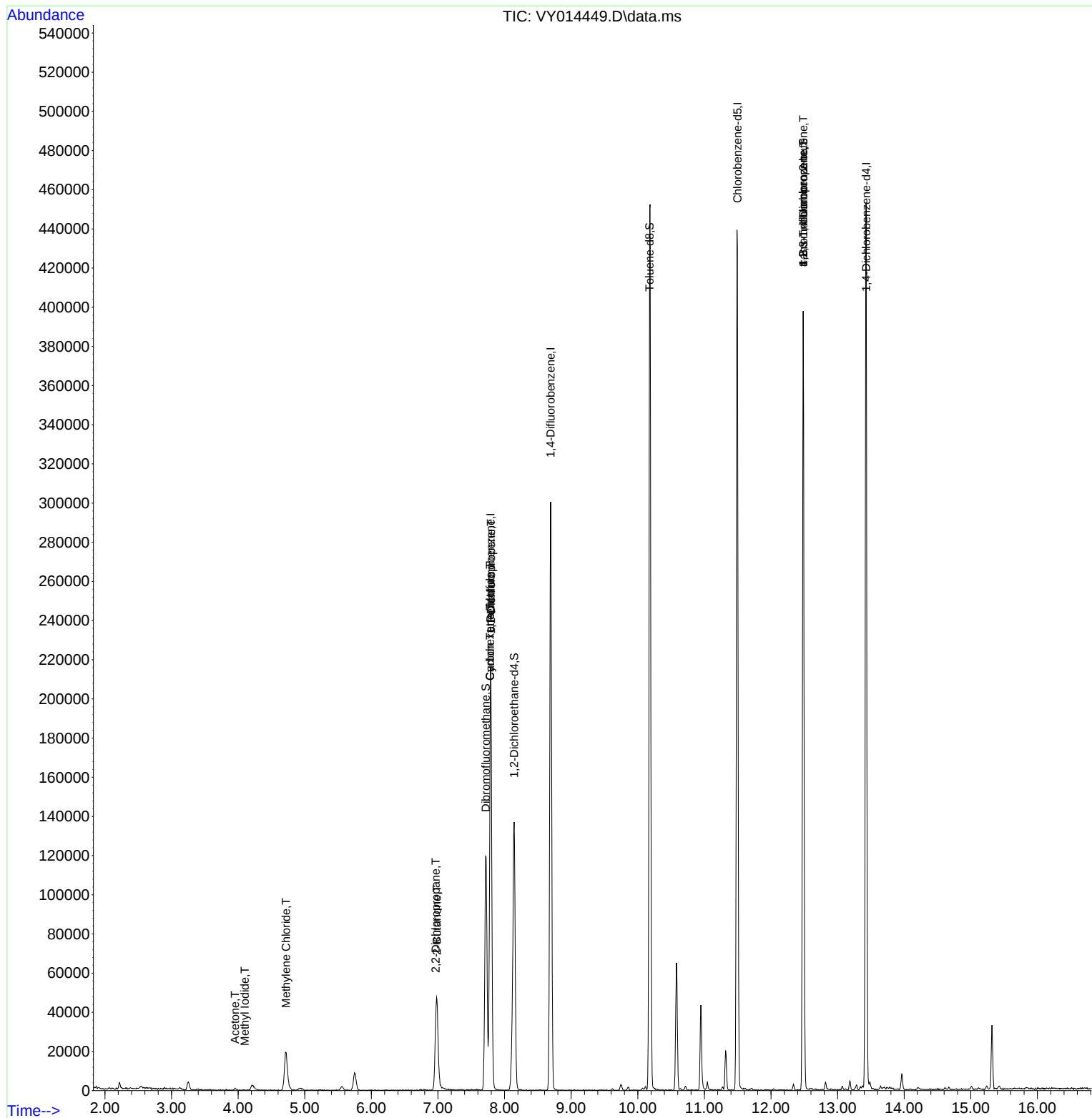
Internal Standards						
1) Pentafluorobenzene	7.789	168	170728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113714	53.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.300%			
35) Dibromofluoromethane	7.716	113	78815	49.890	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.780%			
50) Toluene-d8	10.179	98	302014	48.093	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.483	95	100486	44.821	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.640%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	161	2.947	ug/l #	76
11) Tert butyl alcohol	4.936	59	1014	Below Cal	#	89
16) Acetone	3.954	43	1286	1.928	ug/l #	22
20) Methylene Chloride	4.716	84	14920	2.462	ug/l #	86
25) 2-Butanone	6.984	43	2555	3.075	ug/l #	67
26) 2,2-Dichloropropane	6.966	77	3577	1.141	ug/l #	54
31) Cyclohexane	7.783	56	3296	1.259	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	11714	4.812	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16465	5.375	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	58303	38.890	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58303	88.539	ug/l #	11

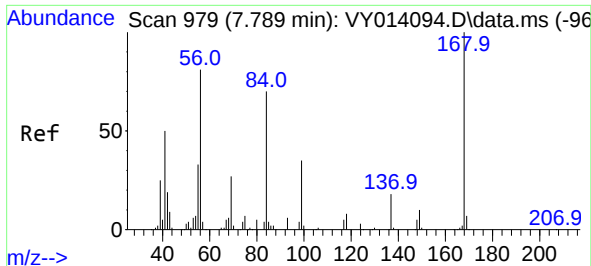
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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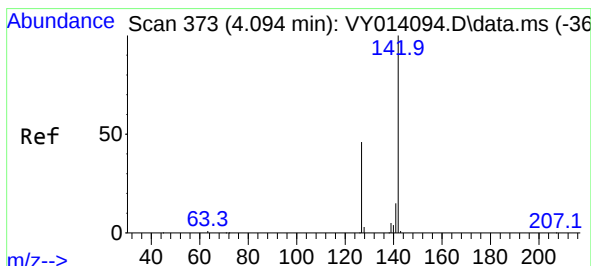
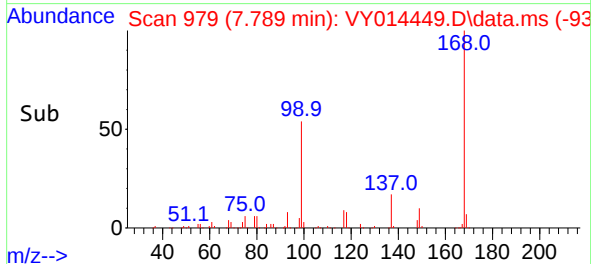
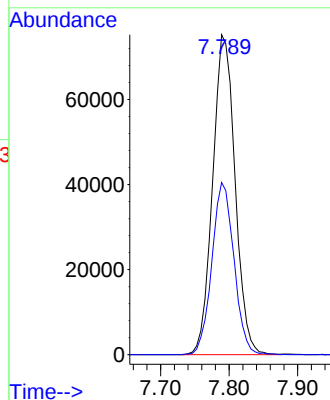
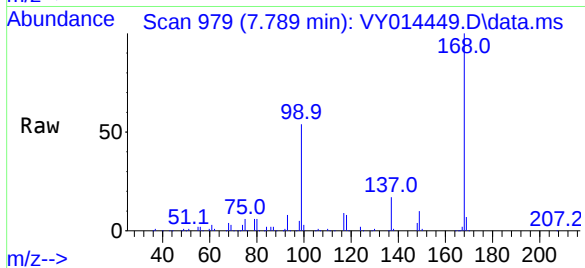




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

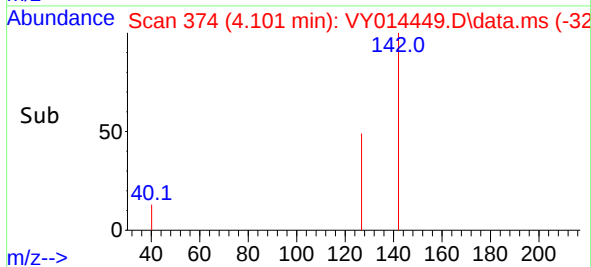
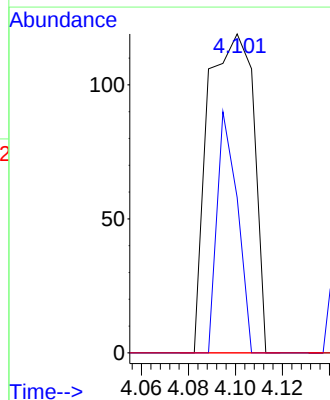
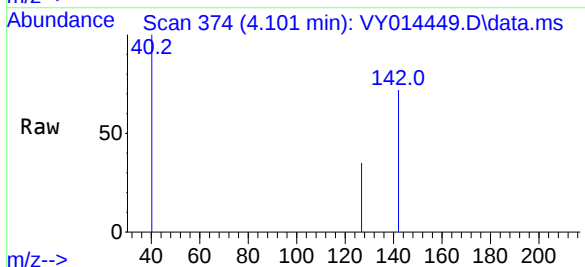
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

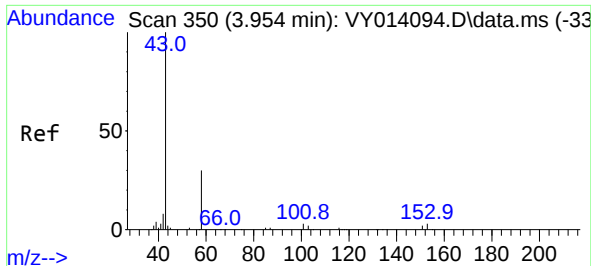
Tgt Ion:168 Resp: 170728
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.947 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion:142 Resp: 161
Ion Ratio Lower Upper
142 100
127 33.5 37.6 56.4#
141 0.0 11.8 17.8#

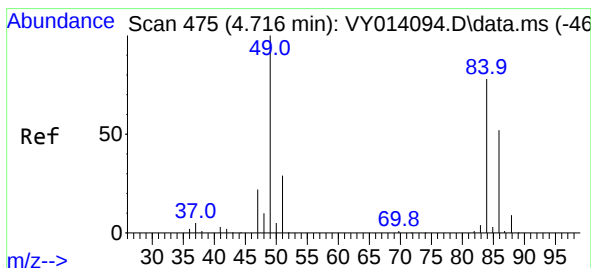
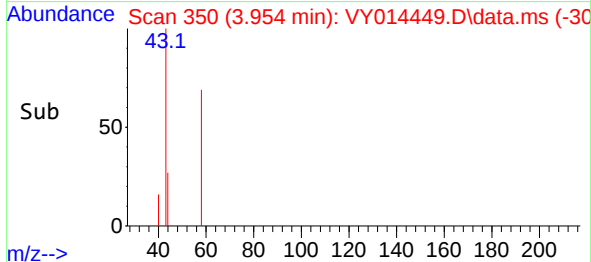
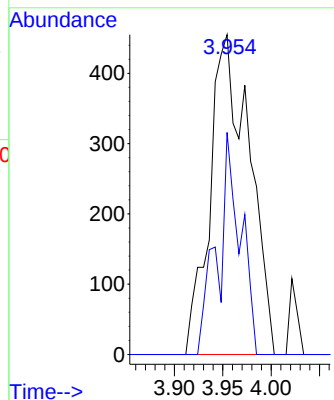
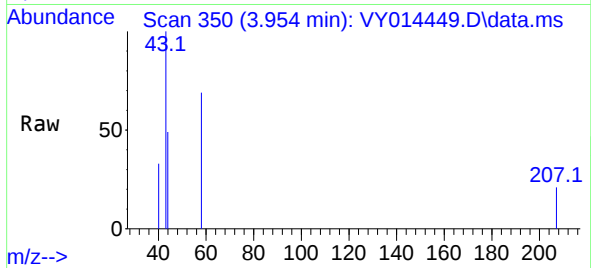




#16
Acetone
Concen: 1.928 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

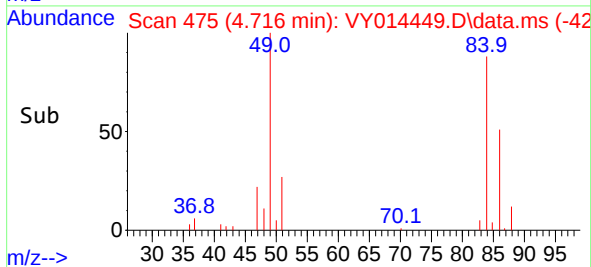
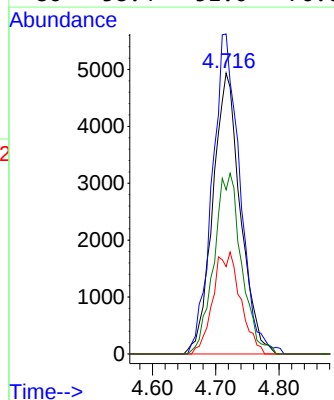
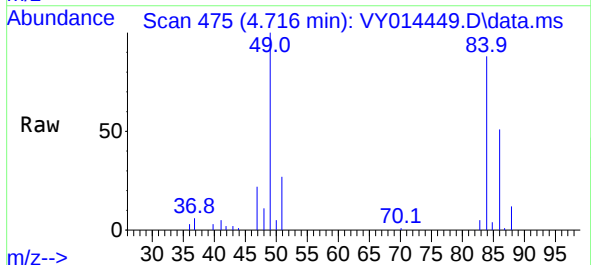
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

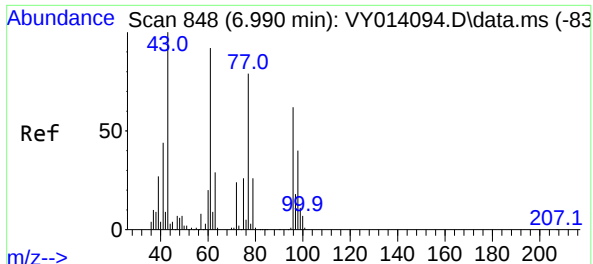
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 69.5 22.7 34.1#



#20
Methylene Chloride
Concen: 2.462 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion: 84 Resp: 14920
Ion Ratio Lower Upper
84 100
49 113.9 106.9 160.3
51 31.1 33.2 49.8#
86 58.4 51.0 76.6

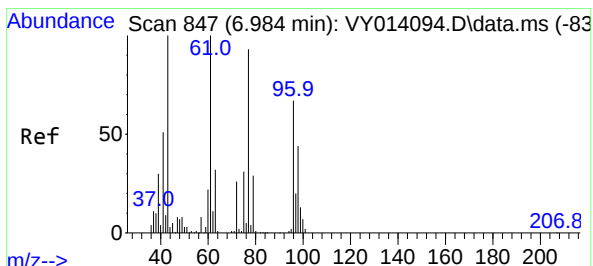
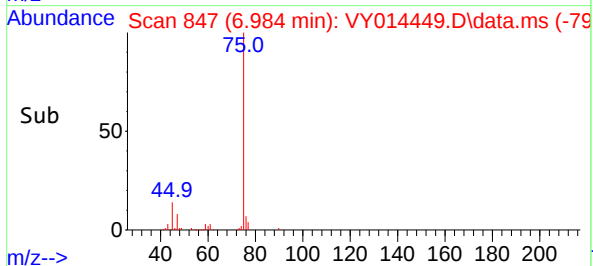
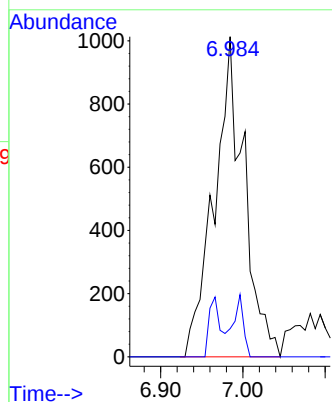
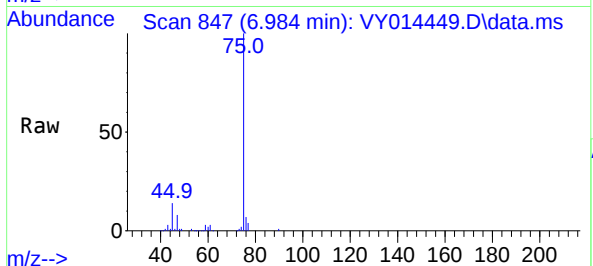




#25
2-Butanone
Concen: 3.075 ug/l
RT: 6.984 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

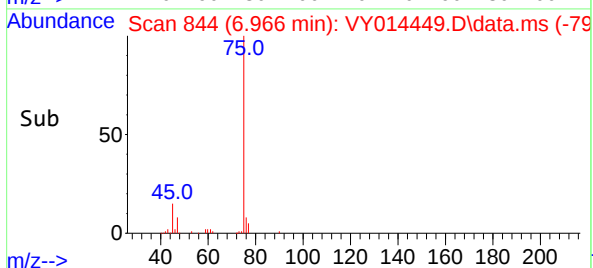
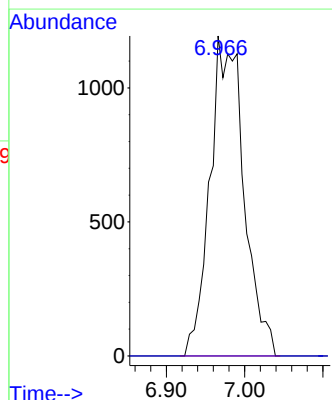
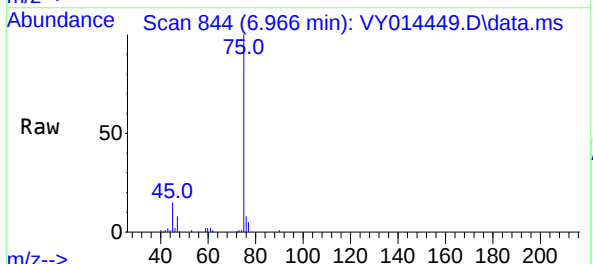
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

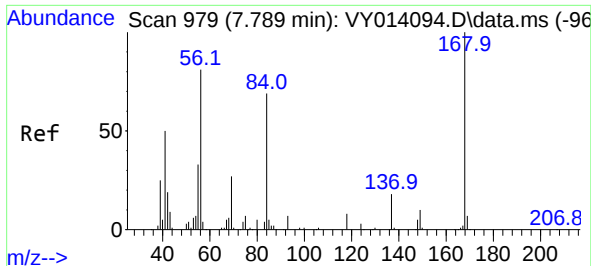
Tgt Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
72 8.8 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.141 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

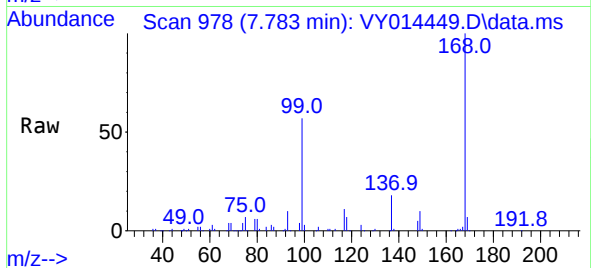
Tgt Ion: 77 Resp: 3577
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



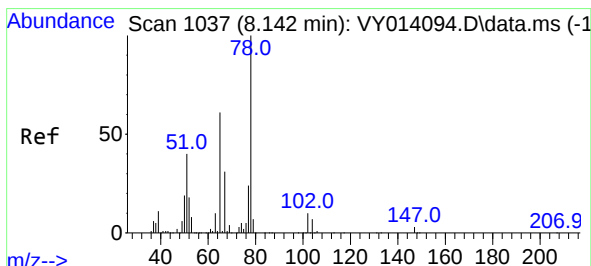
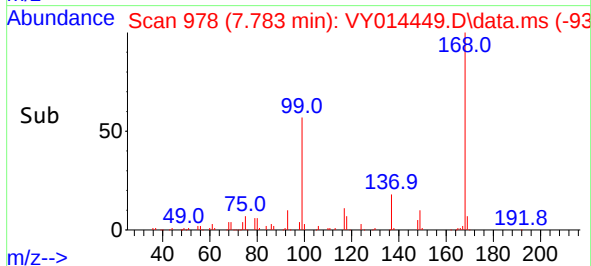
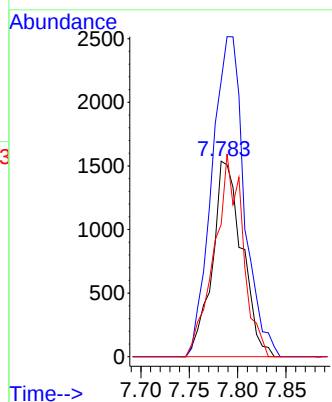


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

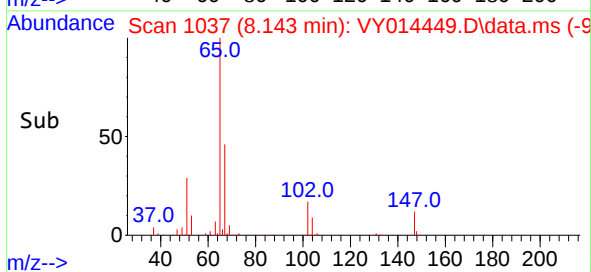
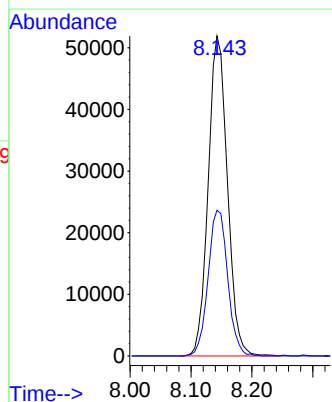
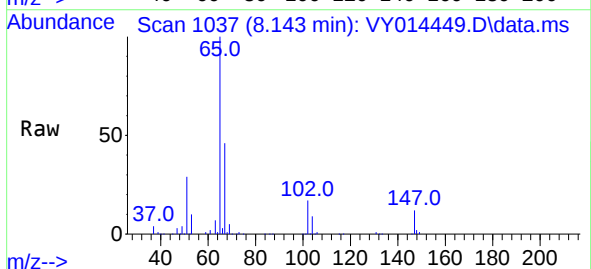


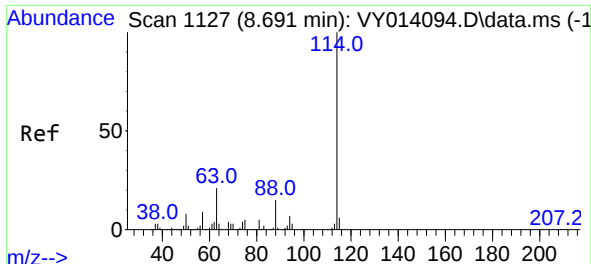
Tgt Ion: 56 Resp: 3296
Ion Ratio Lower Upper
56 100
69 141.0 27.8 41.6#
84 67.6 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 53.645 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion: 65 Resp: 113714
Ion Ratio Lower Upper
65 100
67 46.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBL01

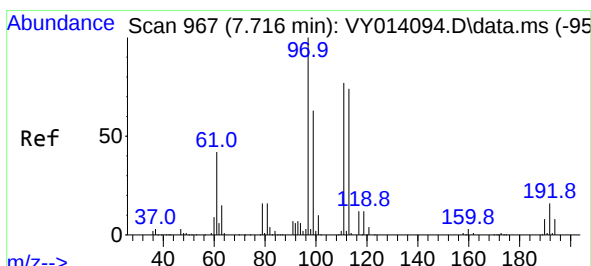
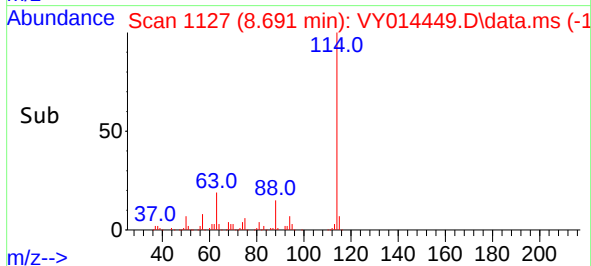
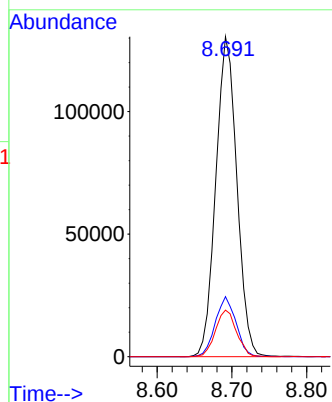
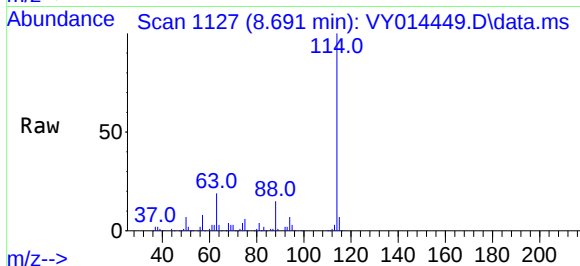
Tgt Ion:114 Resp: 255702

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.890 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

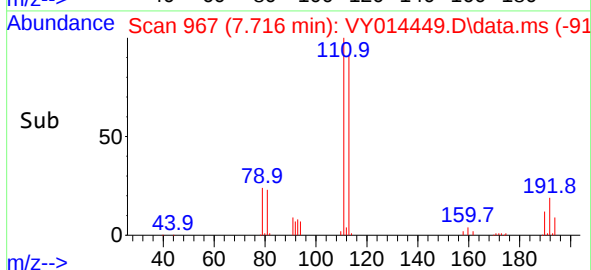
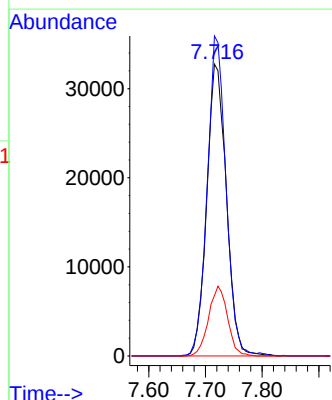
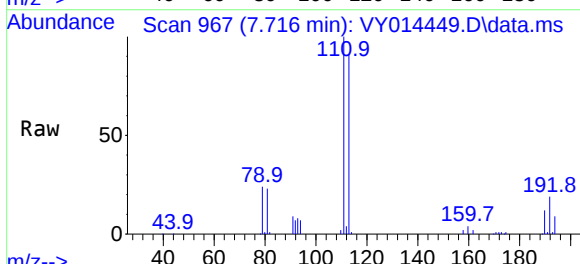
Tgt Ion:113 Resp: 78815

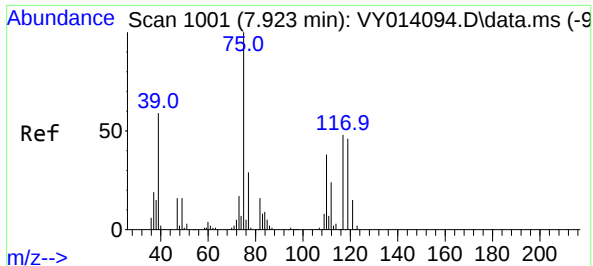
Ion Ratio Lower Upper

113 100

111 104.4 81.3 121.9

192 23.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBL01

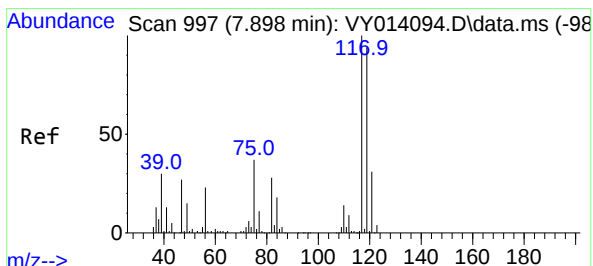
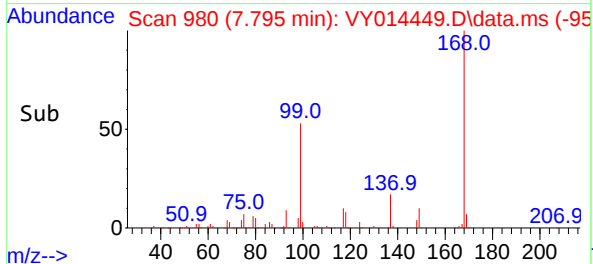
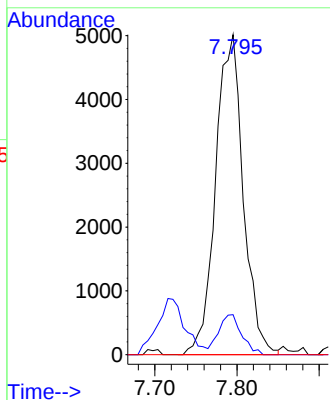
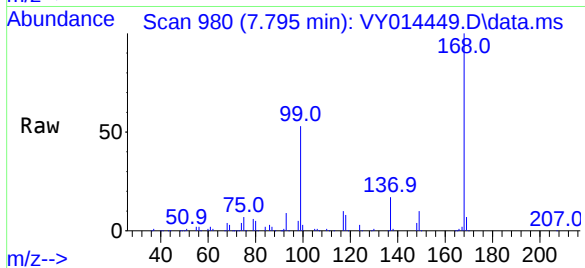
Tgt Ion: 75 Resp: 11714

Ion Ratio Lower Upper

75 100

110 10.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.375 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

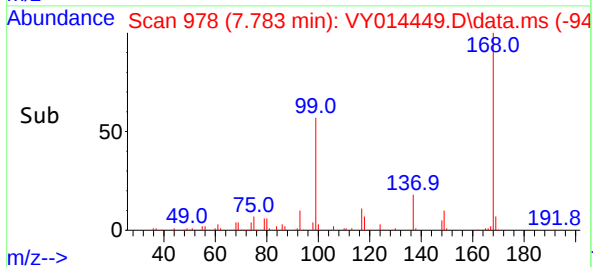
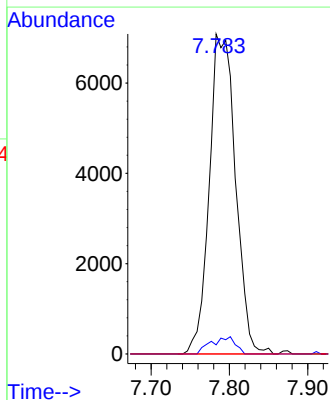
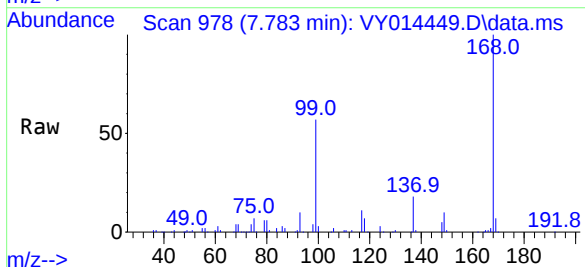
Tgt Ion: 117 Resp: 16465

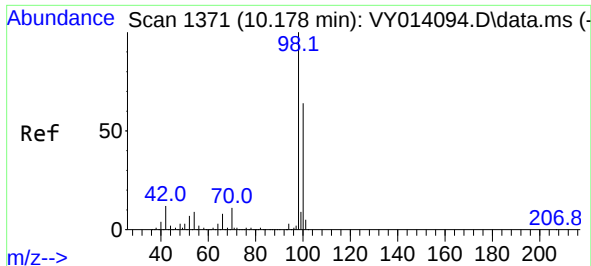
Ion Ratio Lower Upper

117 100

119 2.8 76.4 114.6#

121 0.0 25.8 38.6#

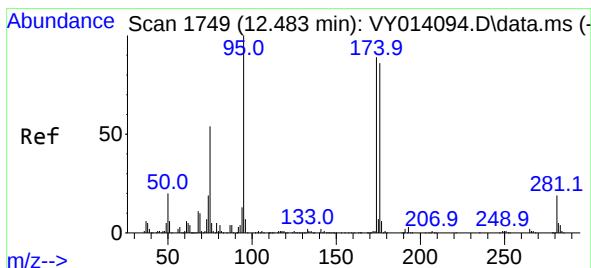
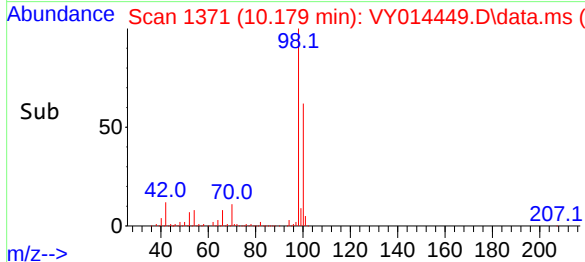
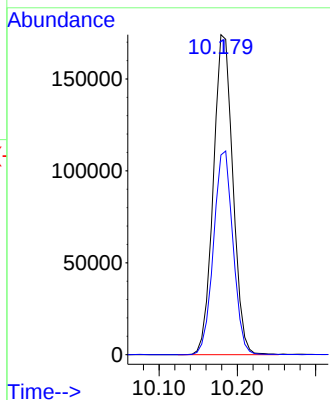
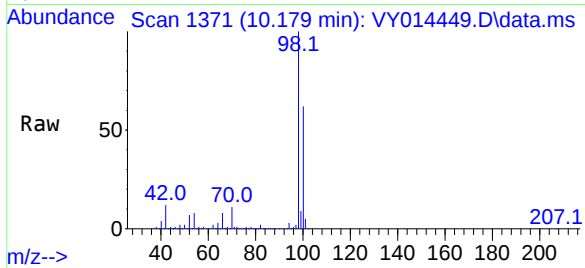




#50
Toluene-d8
Concen: 48.093 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

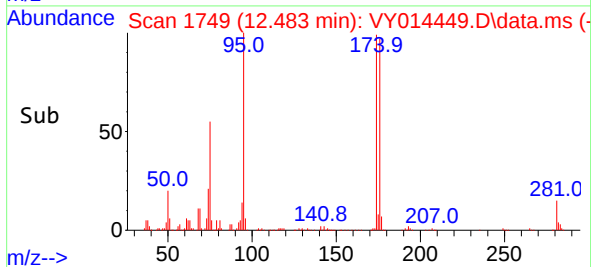
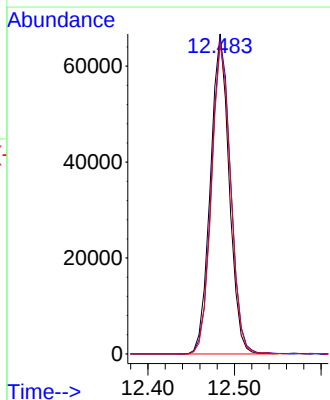
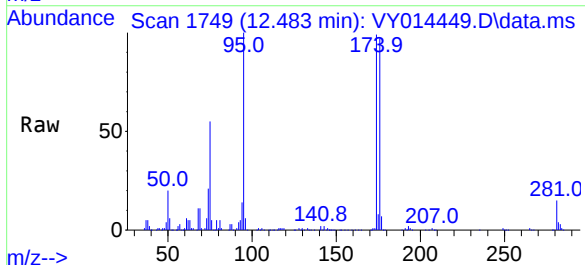
Instrument :
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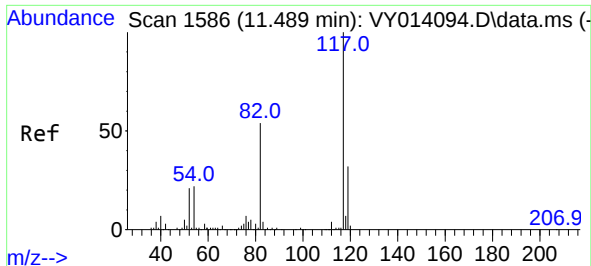
Tgt Ion: 98 Resp: 302014
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion: 95 Resp: 100486
Ion Ratio Lower Upper
95 100
174 101.0 0.0 178.2
176 98.3 0.0 173.8

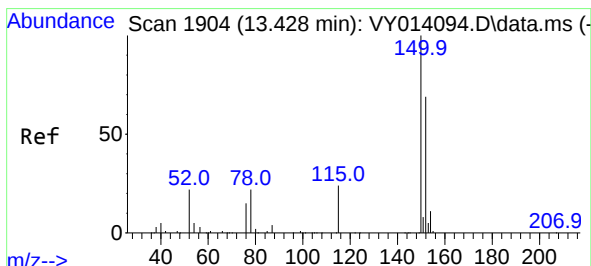
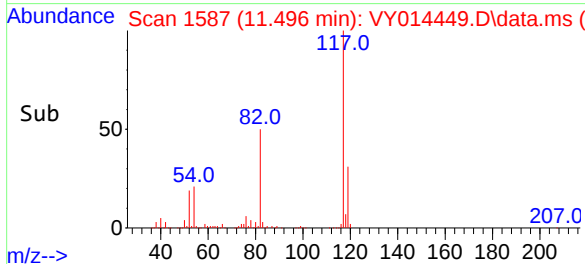
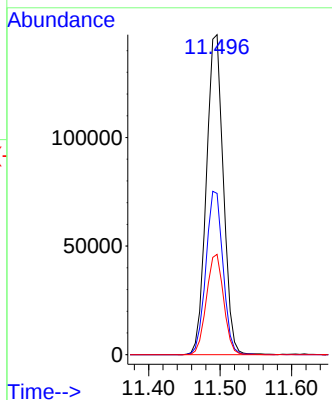
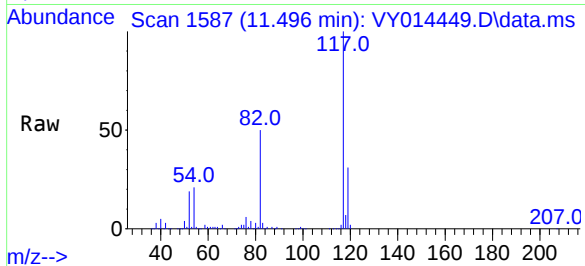




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

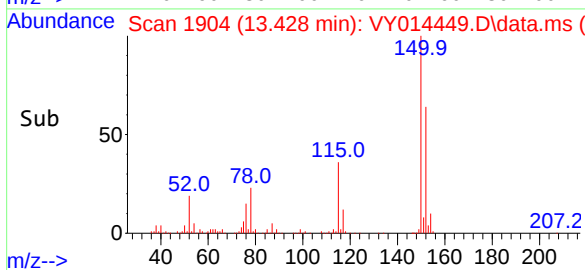
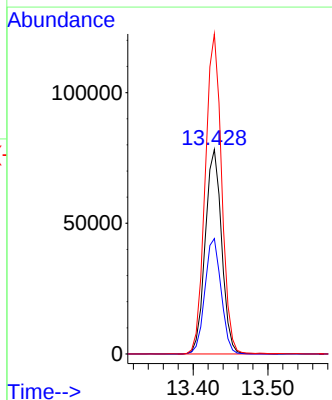
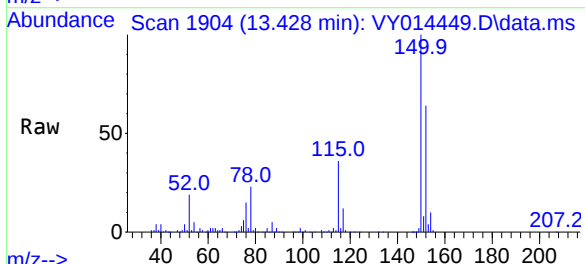
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

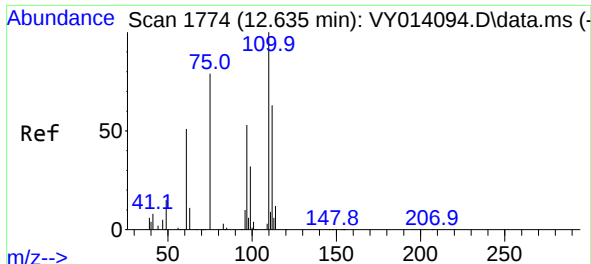
Tgt Ion:117 Resp: 243062
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion:152 Resp: 119512
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 156.4 0.0 348.8

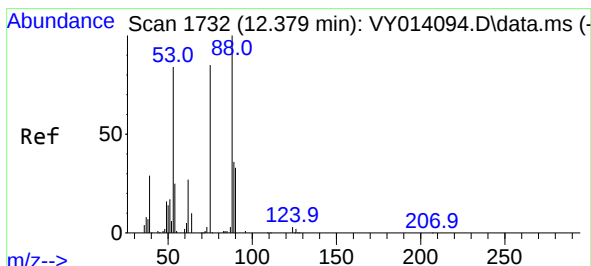
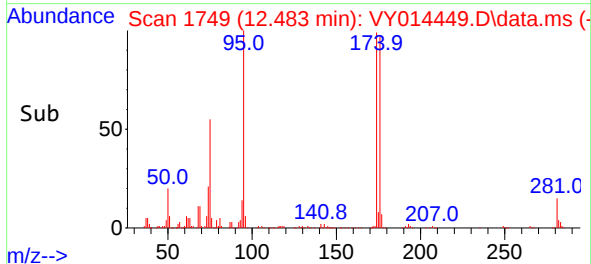
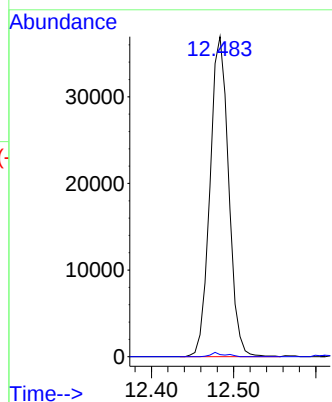
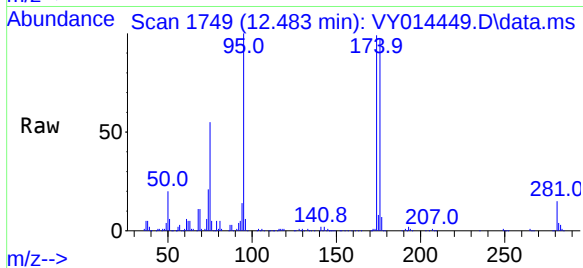




#76
1,2,3-Trichloropropane
Concen: 38.890 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

Tgt Ion: 75 Resp: 58303
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.539 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion: 75 Resp: 58303
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.3 37.4 56.0#

