

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010975.D
 Acq On : 17 Oct 2022 17:22
 Operator : KP/MD
 Sample : VY1017SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBL01

Quant Time: Oct 18 01:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

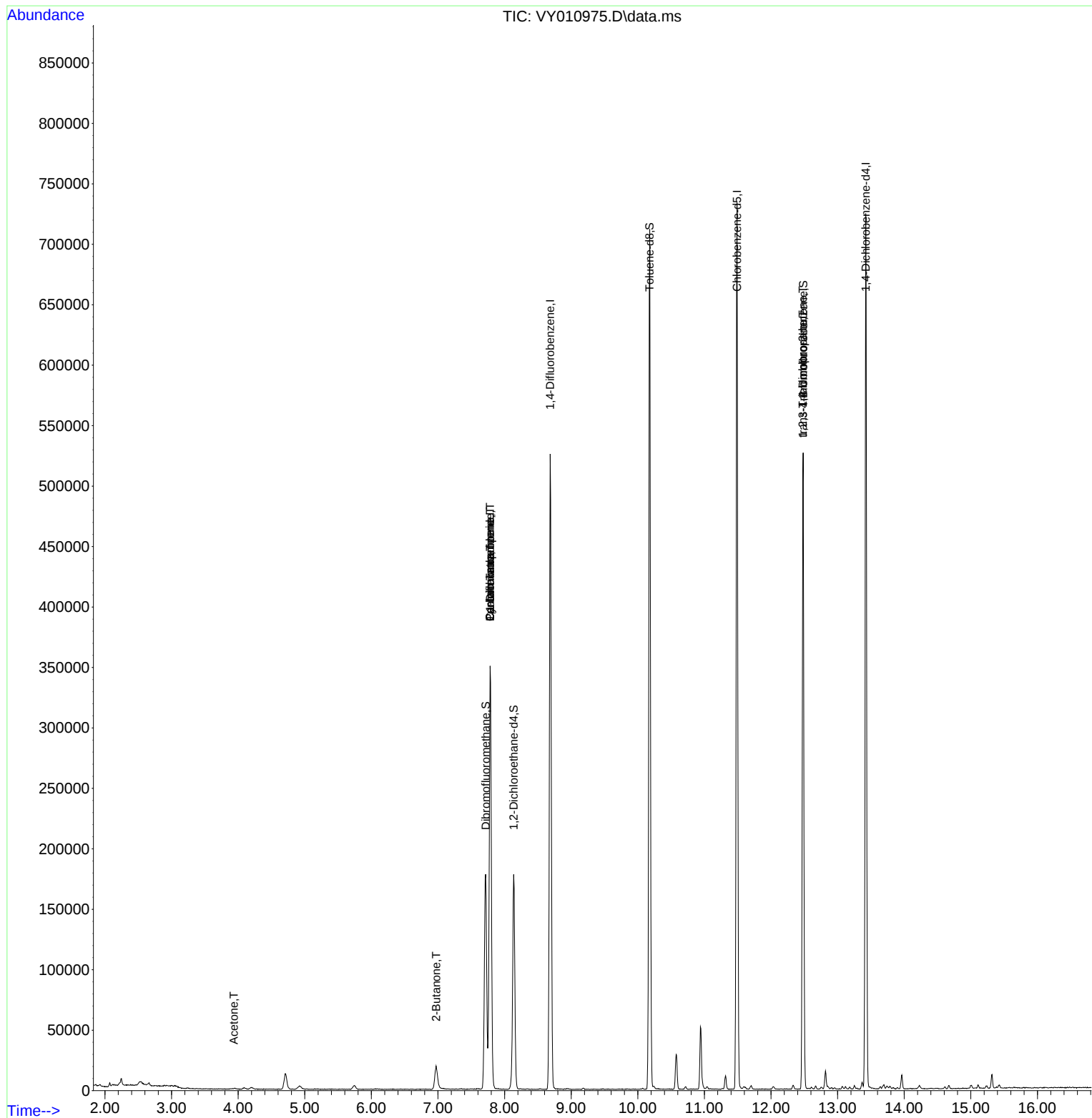
Internal Standards						
1) Pentafluorobenzene	7.783	168	271110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131582	52.689	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 105.380%		
35) Dibromofluoromethane	7.716	113	131064	51.679	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.360%		
50) Toluene-d8	10.179	98	469753	49.380	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 98.760%		
62) 4-Bromofluorobenzene	12.483	95	156814	46.308	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 92.620%		
Target Compounds						
11) Tert butyl alcohol	4.924	59	3013	Below Cal	#	77
16) Acetone	3.936	43	1216	1.677	ug/l	97
18) Methyl Acetate	4.466	43	48	Below Cal	#	56
20) Methylene Chloride	4.716	84	9760	Below Cal	#	77
25) 2-Butanone	6.972	43	1794	1.631	ug/l	100
31) Cyclohexane	7.783	56	5565	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20232	4.770	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26996	6.166	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	79526	37.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79526	81.347	ug/l #	7

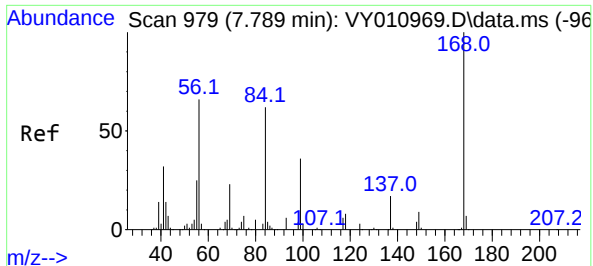
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 01:45:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

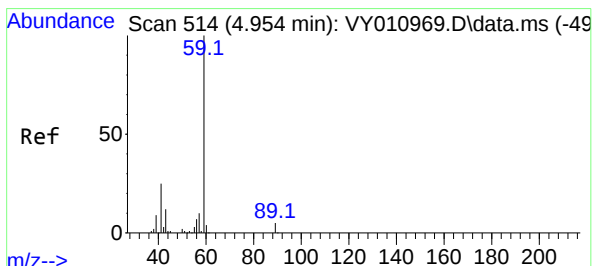
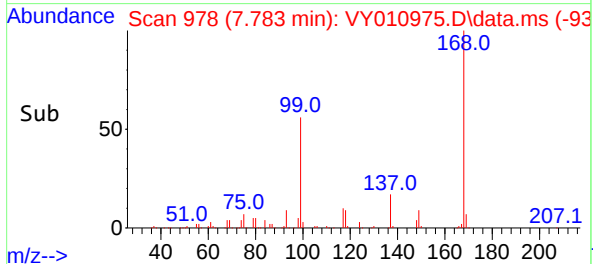
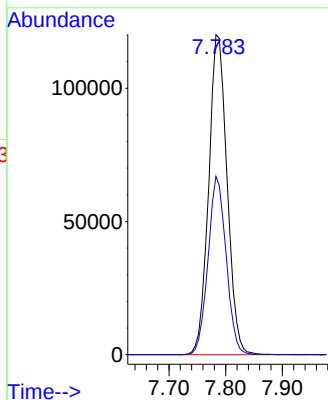
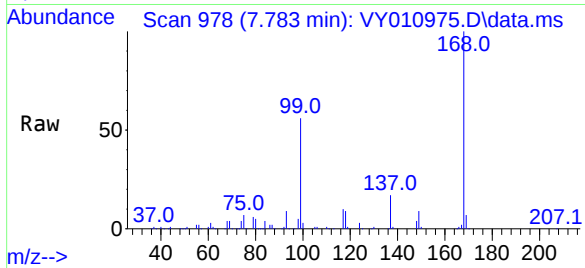




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

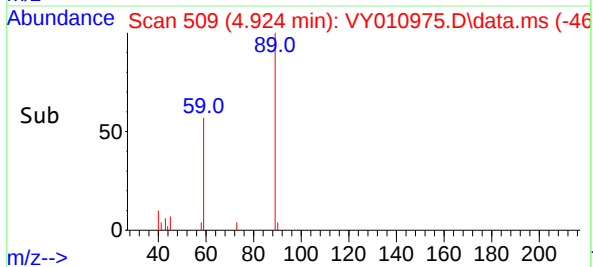
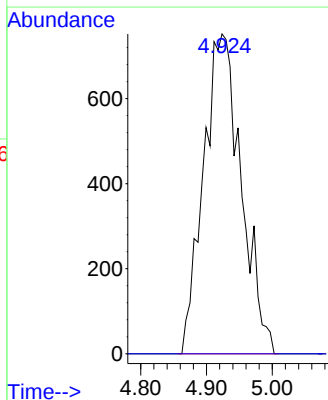
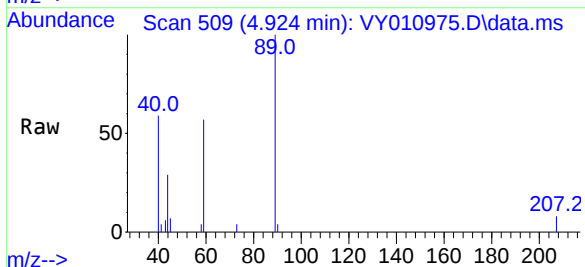
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

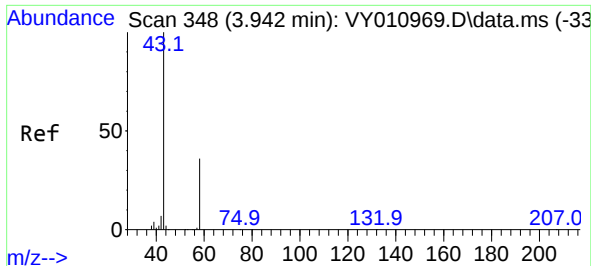
Tgt Ion:168 Resp: 271110
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion: 59 Resp: 3013
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

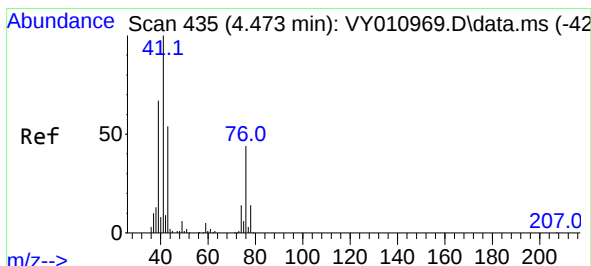
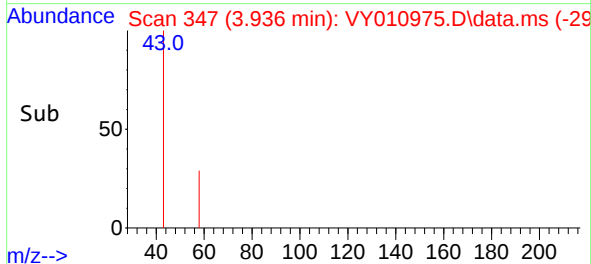
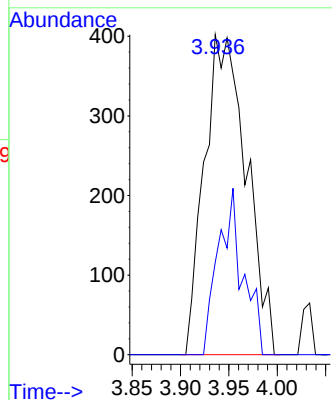
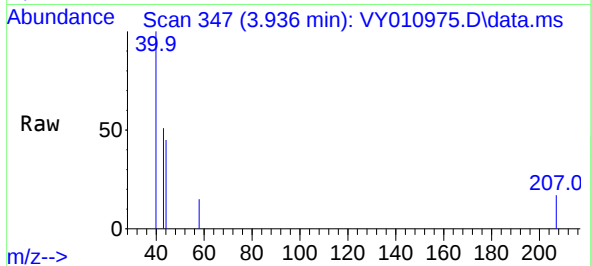




#16
Acetone
Concen: 1.677 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

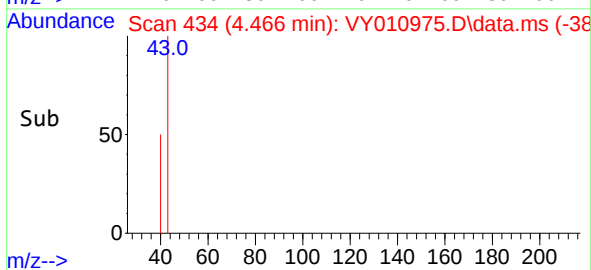
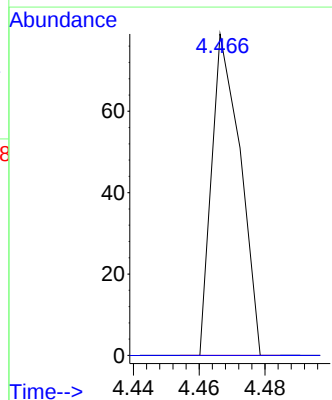
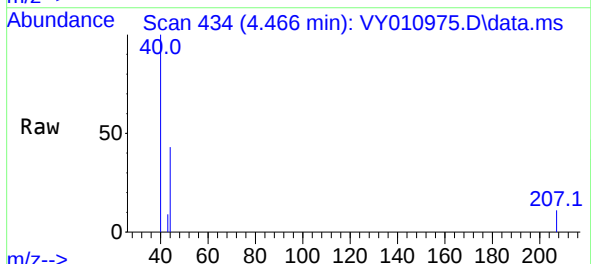
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

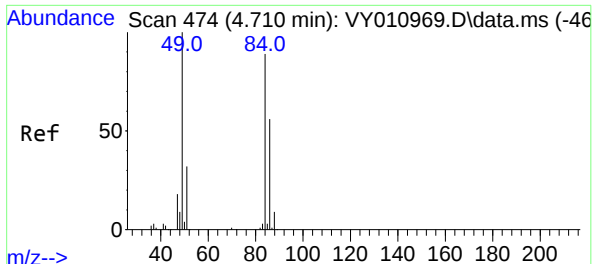
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

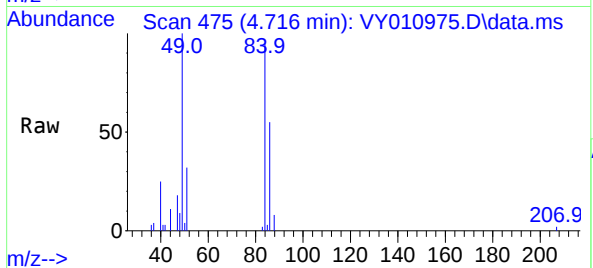
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



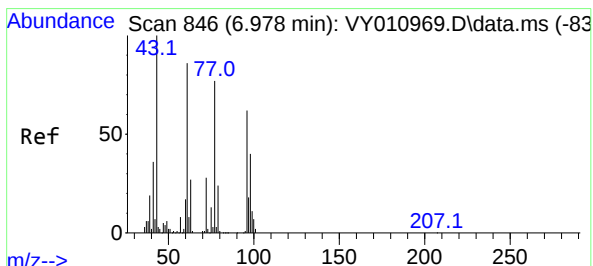
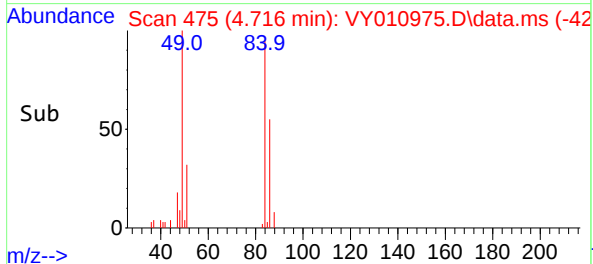
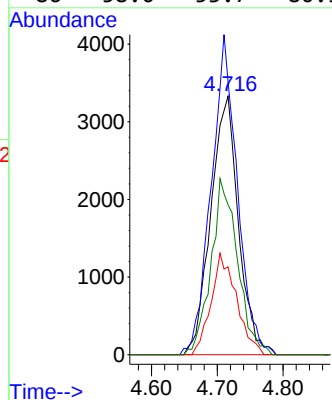


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

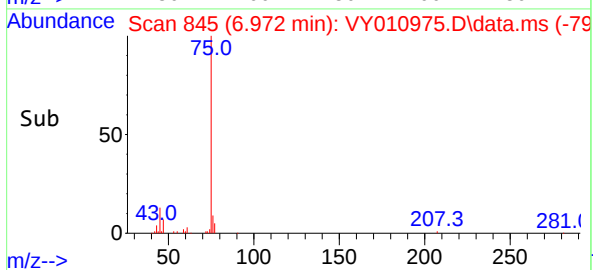
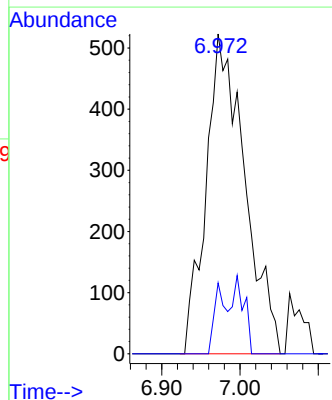
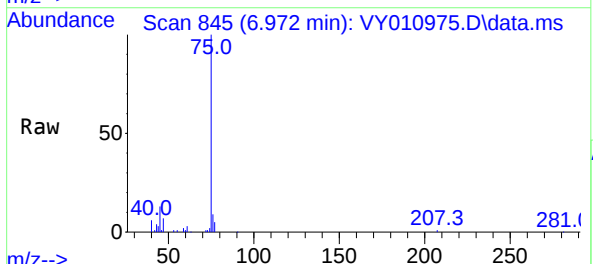


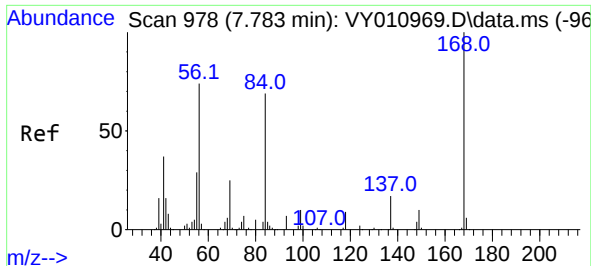
Tgt Ion: 84 Resp: 9760
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 34.0 35.3 52.9#
86 58.0 53.7 80.5



#25
2-Butanone
Concen: 1.631 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
72 22.2 17.7 26.5

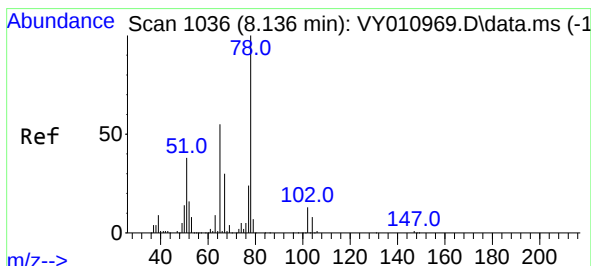
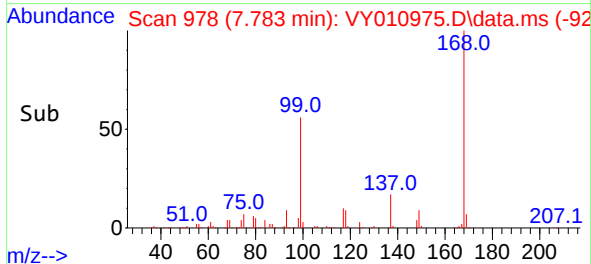
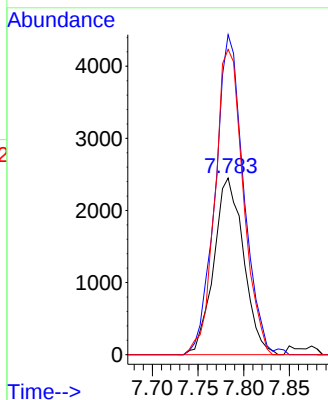
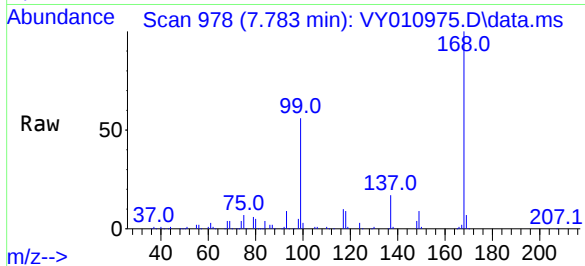




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

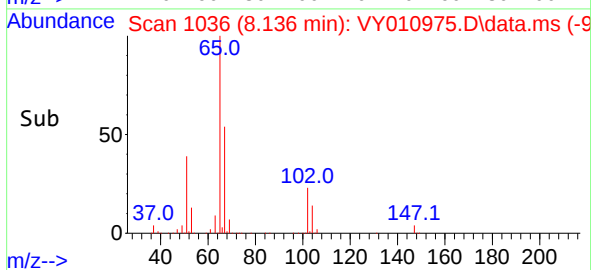
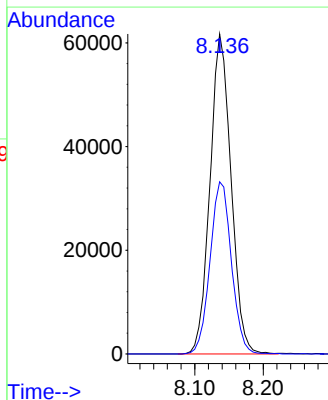
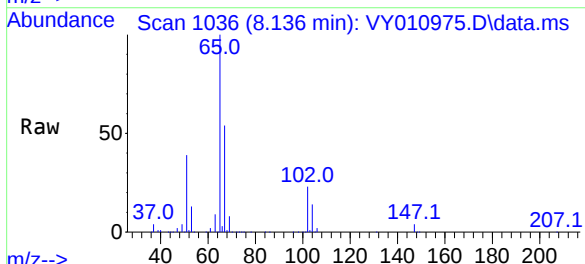
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

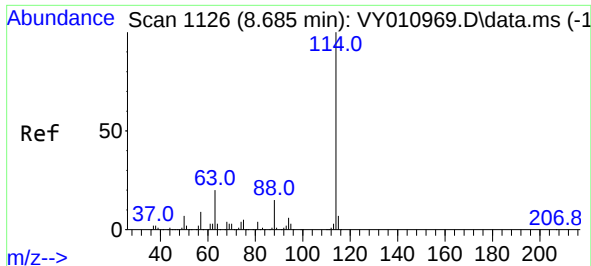
Tgt Ion: 56 Resp: 5565
Ion Ratio Lower Upper
56 100
69 181.1 26.7 40.1#
84 172.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.689 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion: 65 Resp: 131582
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010975.D

Acq: 17 Oct 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBL01

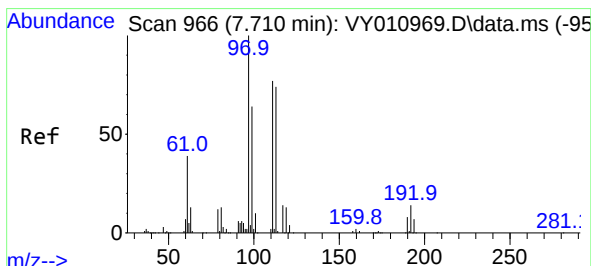
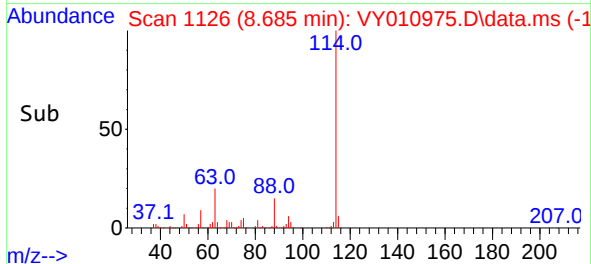
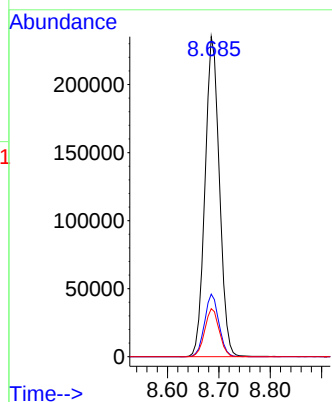
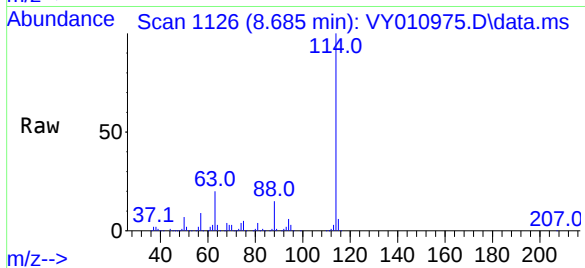
Tgt Ion:114 Resp: 455605

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.679 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010975.D

Acq: 17 Oct 2022 17:22

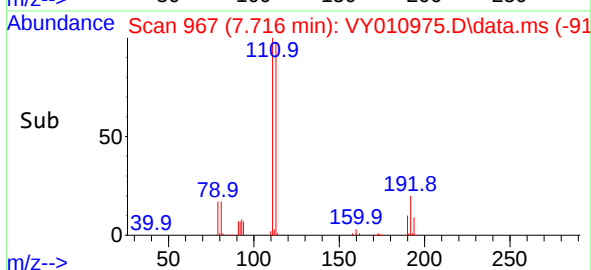
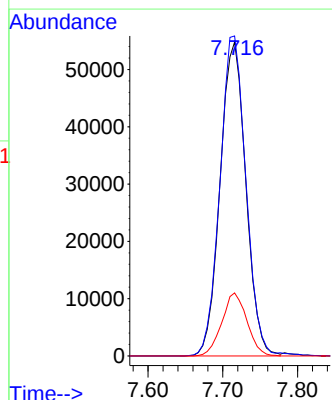
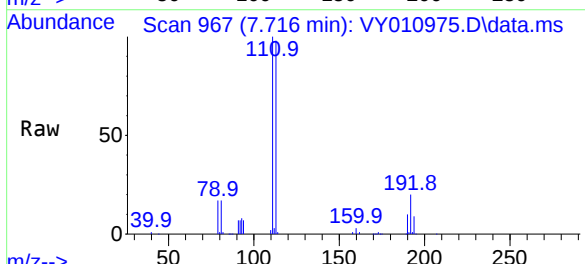
Tgt Ion:113 Resp: 131064

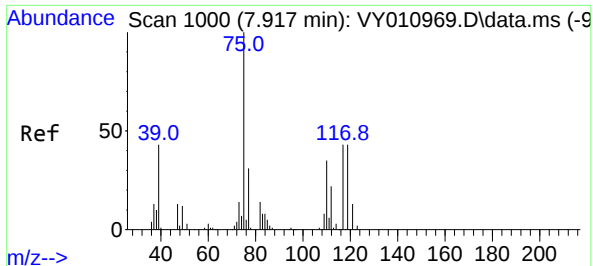
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.6 17.6 26.4

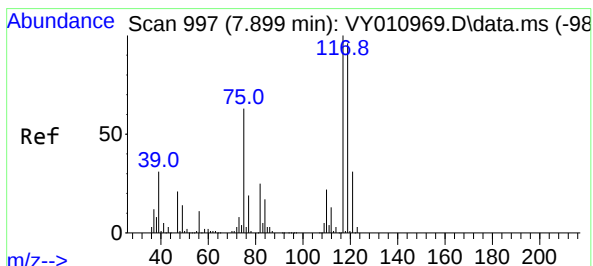
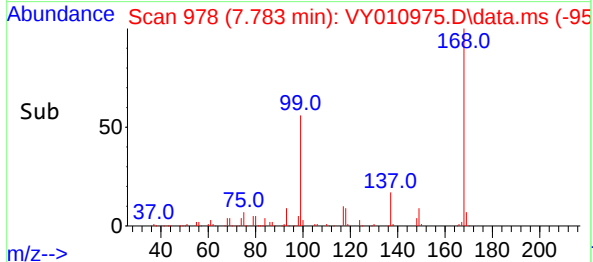
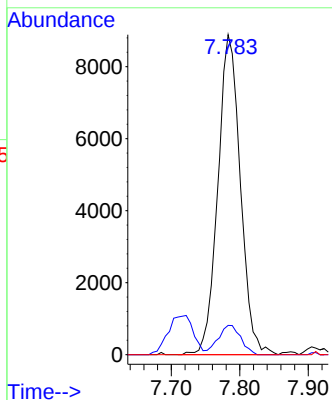
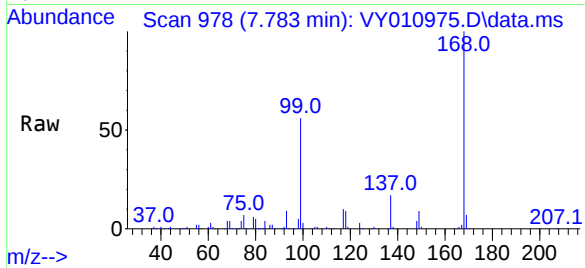




#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

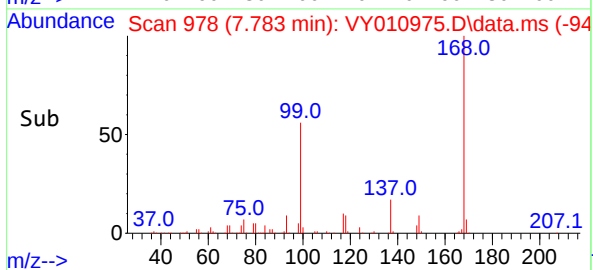
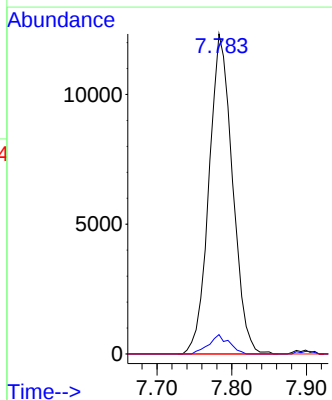
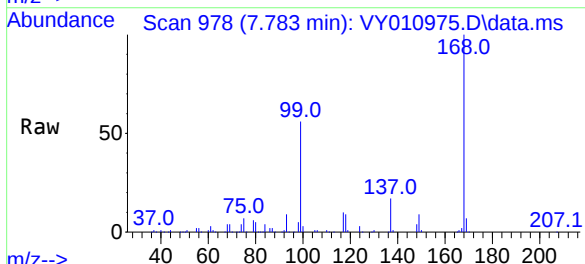
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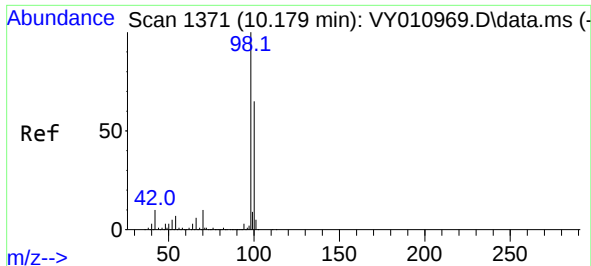
Tgt Ion: 75 Resp: 20232
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion: 117 Resp: 26996
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

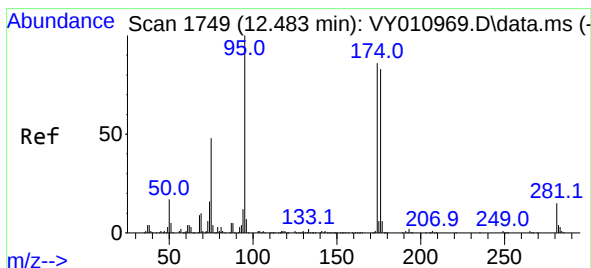
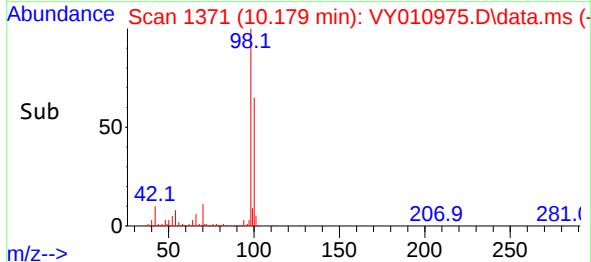
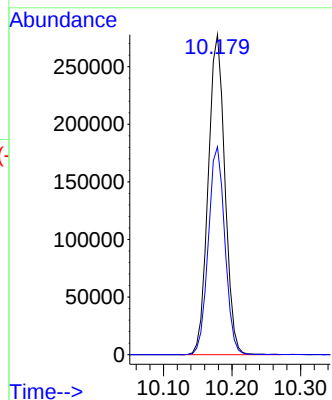
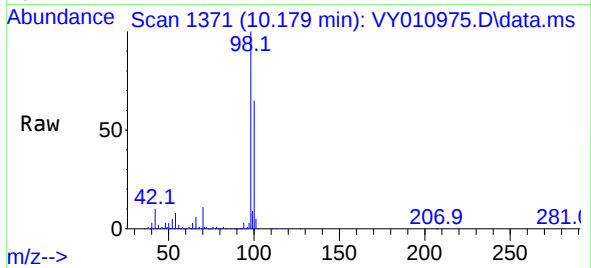




#50
Toluene-d8
Concen: 49.380 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

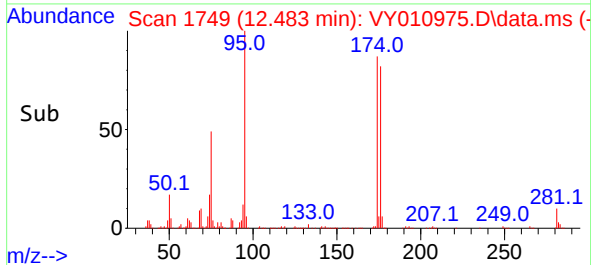
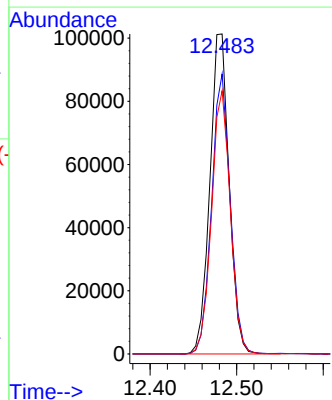
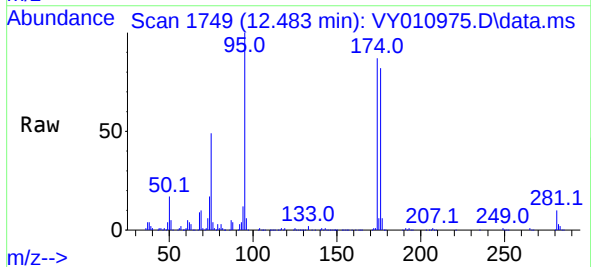
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

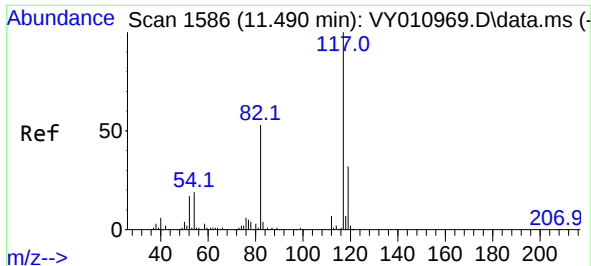
Tgt Ion: 98 Resp: 469753
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion: 95 Resp: 156814
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 79.9 0.0 175.8

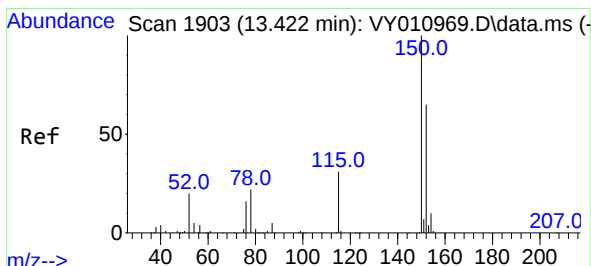
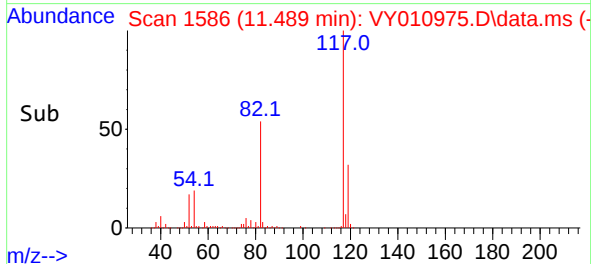
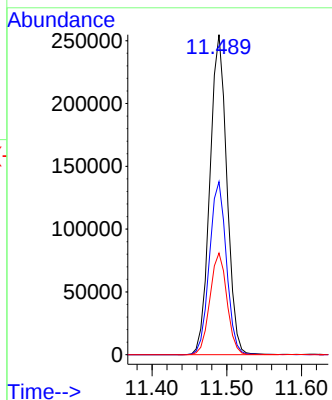
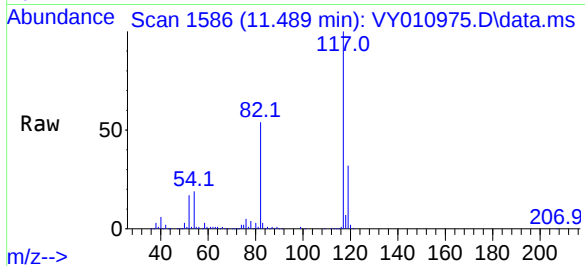




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

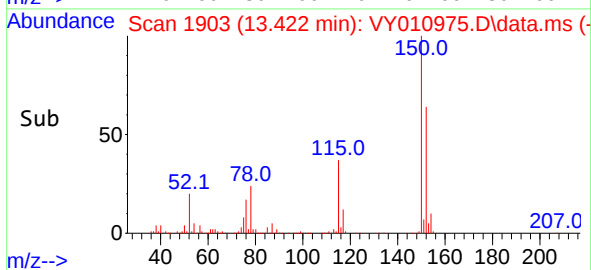
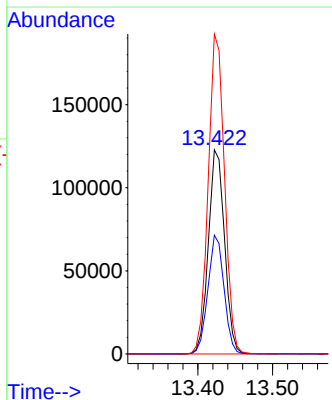
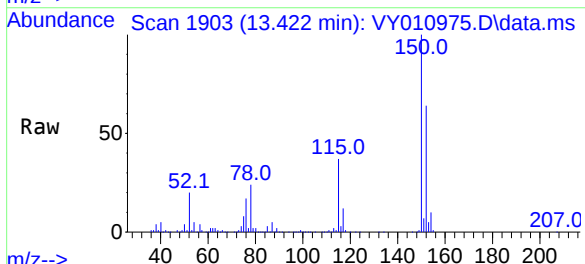
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

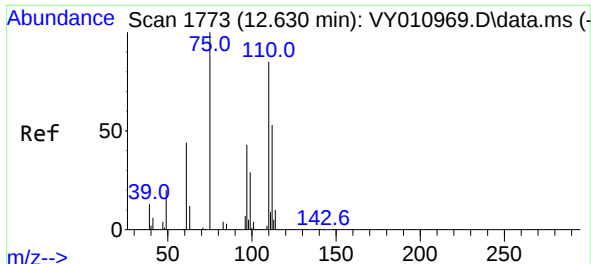
Tgt Ion:117 Resp: 403073
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion:152 Resp: 185196
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.8 0.0 347.6

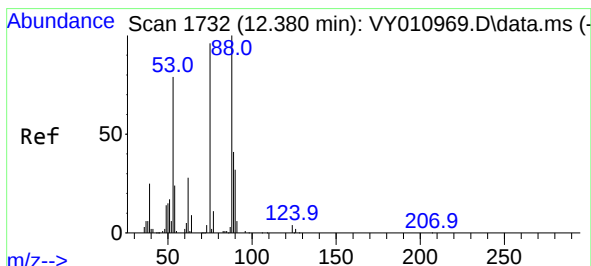
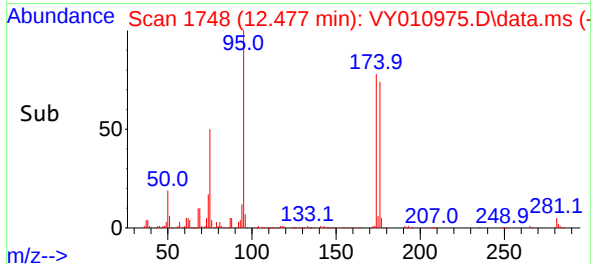
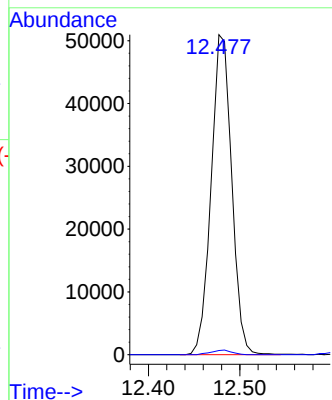
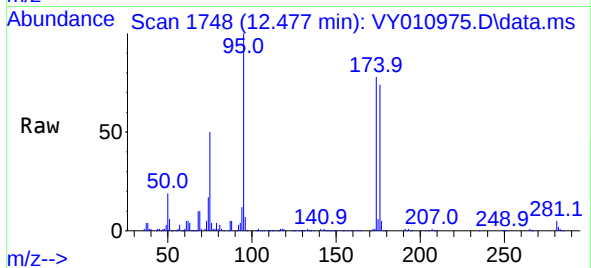




#76
1,2,3-Trichloropropane
Concen: 37.823 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

Tgt Ion: 75 Resp: 79526
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.347 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010975.D
Acq: 17 Oct 2022 17:22

Tgt Ion: 75 Resp: 79526
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

