

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012346.D
 Acq On : 24 Jan 2023 16:49
 Operator : KP/MD
 Sample : 01260-22
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:32:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

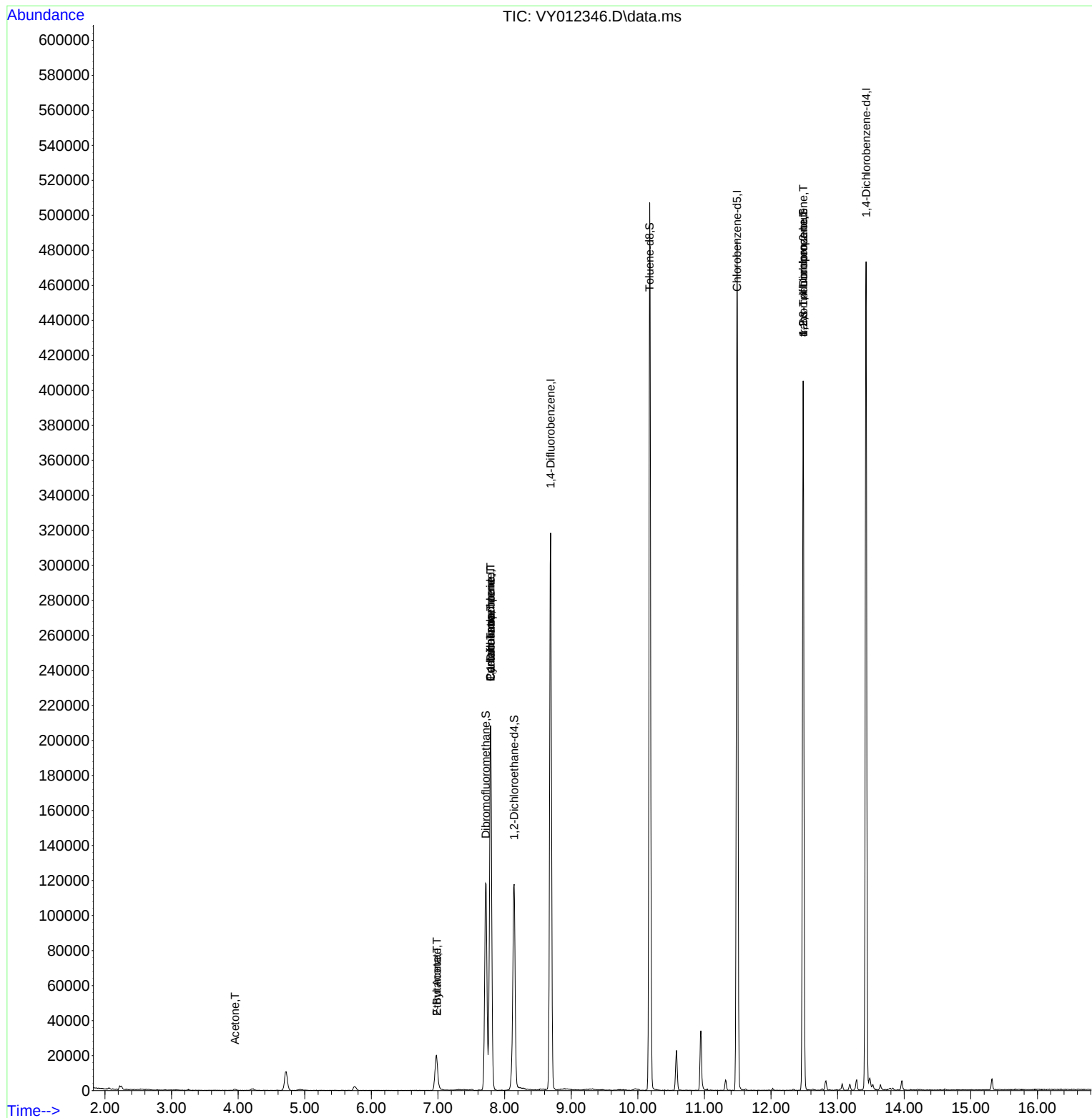
Internal Standards						
1) Pentafluorobenzene	7.789	168	164128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98001	73.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.840%	
35) Dibromofluoromethane	7.716	113	80945	54.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.160%	
50) Toluene-d8	10.179	98	335854	66.818	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.640%	
62) 4-Bromofluorobenzene	12.483	95	109950	52.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	641	Below Cal	#	74
16) Acetone	3.954	43	1237	2.707	ug/l	100
20) Methylene Chloride	4.716	84	8945	Below Cal	#	82
25) 2-Butanone	6.984	43	1164	2.307	ug/l	96
31) Cyclohexane	7.789	56	2876	1.202	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	10947	4.343	ug/l #	52
37) Ethyl Acetate	6.984	43	1164	1.048	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16264	4.996	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	60802	51.635	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60802	106.391	ug/l #	13

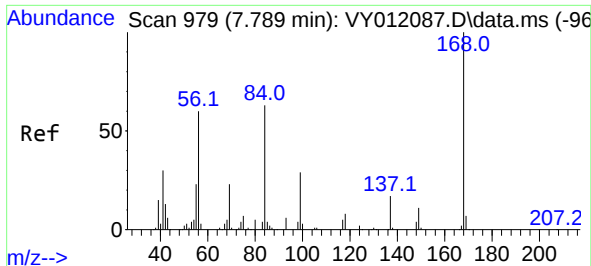
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

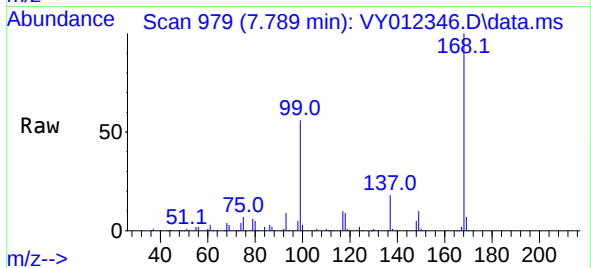
Quant Time: Jan 25 01:32:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



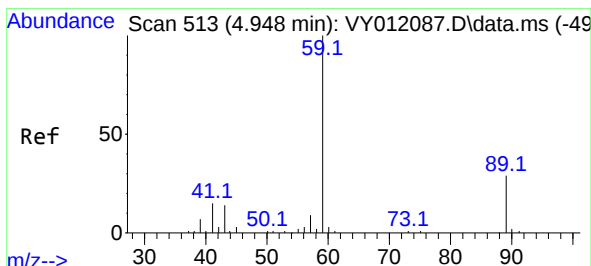
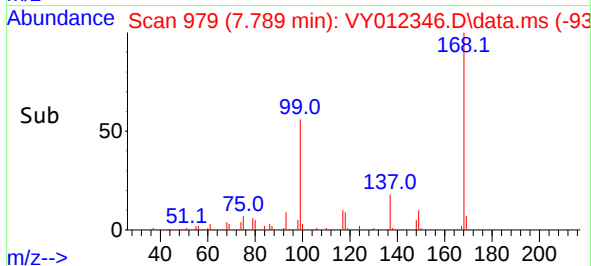
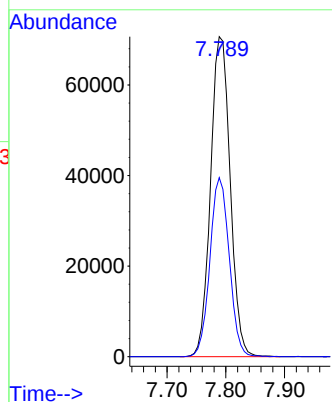


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :

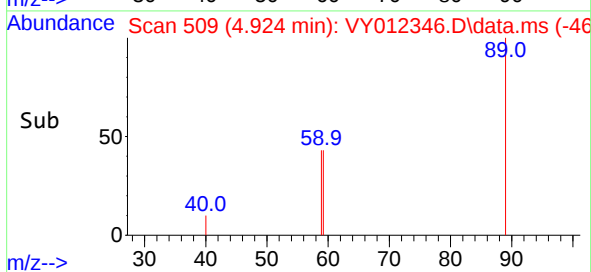
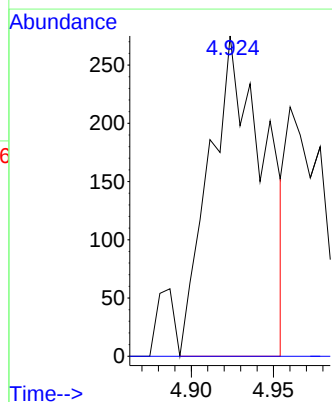
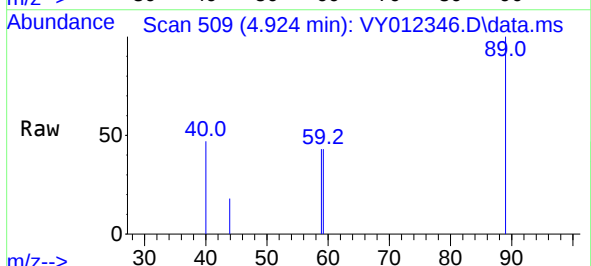


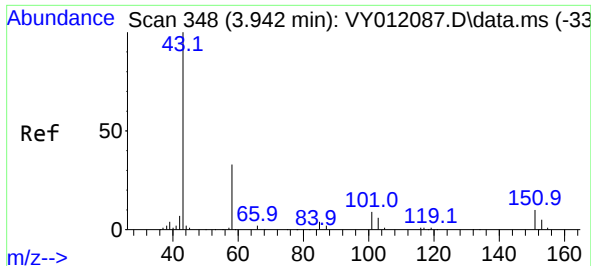
Tgt Ion:168 Resp: 164128
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Tgt Ion: 59 Resp: 641
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

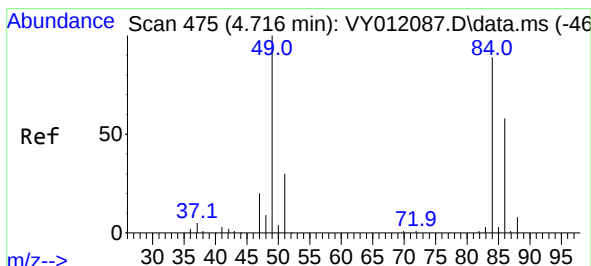
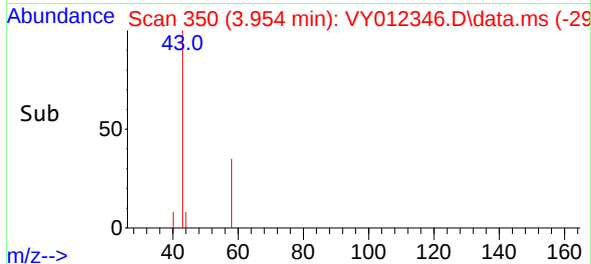
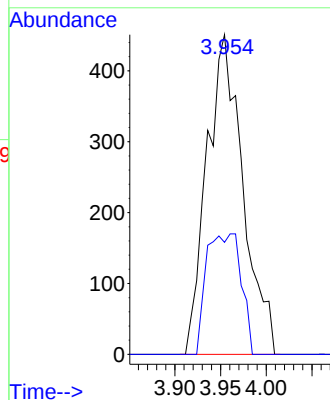
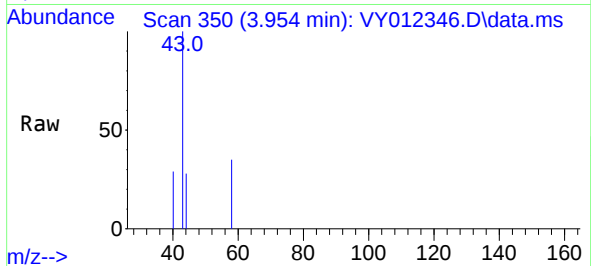




#16
Acetone
Concen: 2.707 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

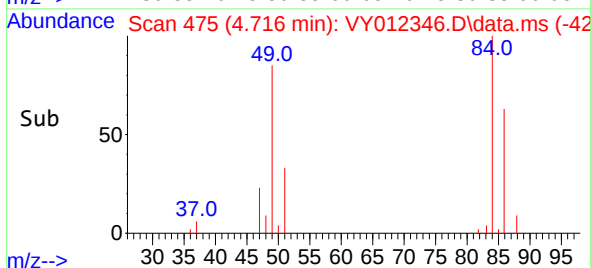
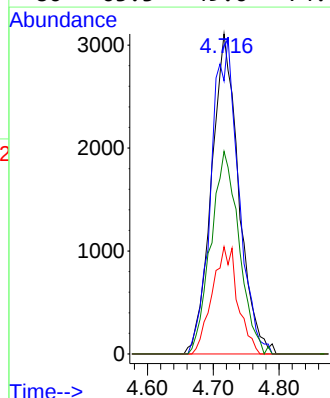
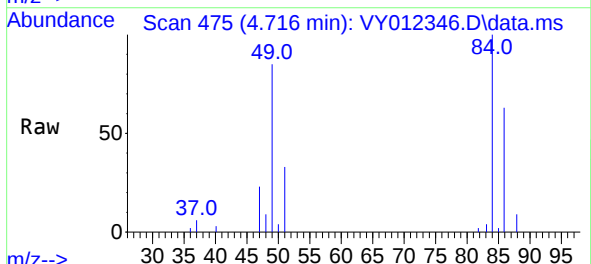
Instrument :
MSVOA_Y
ClientSampleId :

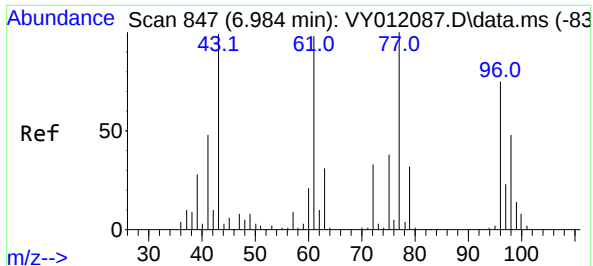
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 35.0 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Tgt Ion: 84 Resp: 8945
Ion Ratio Lower Upper
84 100
49 85.4 95.4 143.2#
51 33.5 29.9 44.9
86 63.3 49.6 74.4

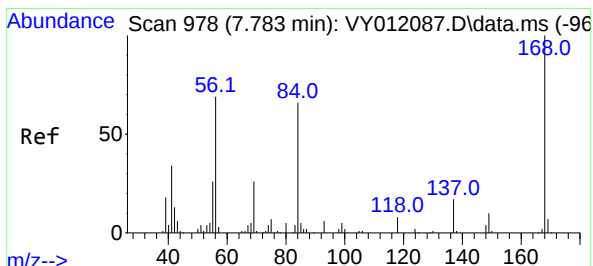
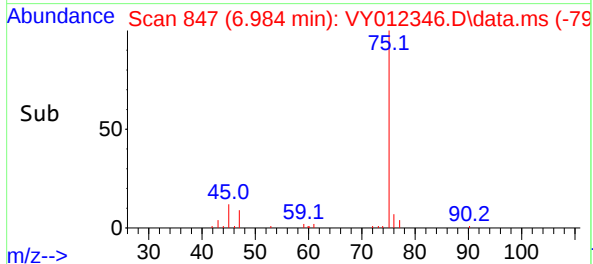
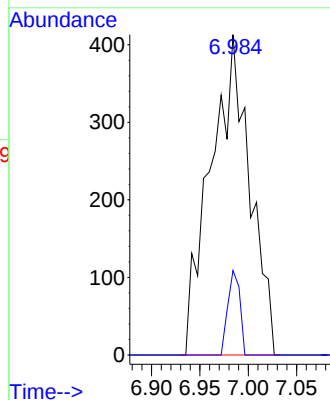
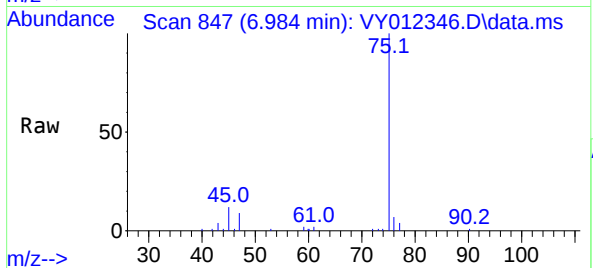




#25
2-Butanone
Concen: 2.307 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

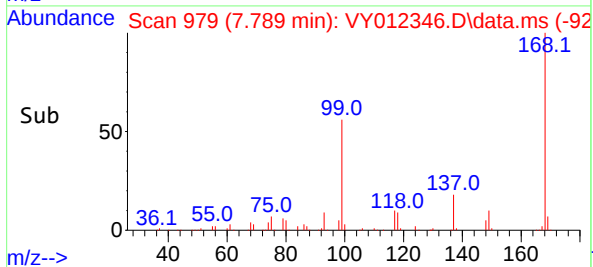
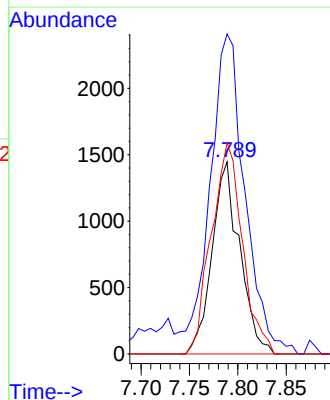
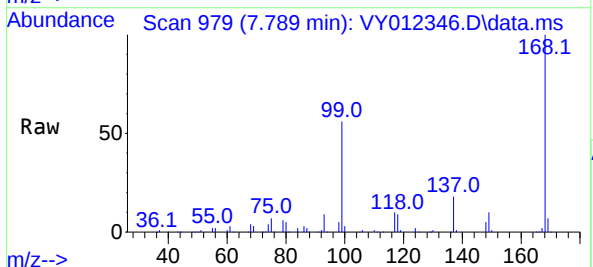
Instrument :
MSVOA_Y
ClientSampleId :

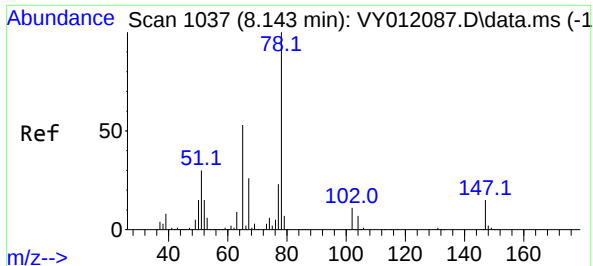
Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
72 26.4 22.6 34.0



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Tgt Ion: 56 Resp: 2876
Ion Ratio Lower Upper
56 100
69 159.8 29.2 43.8#
84 110.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 73.917 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012346.D

Acq: 24 Jan 2023 16:49

Instrument :

MSVOA_Y

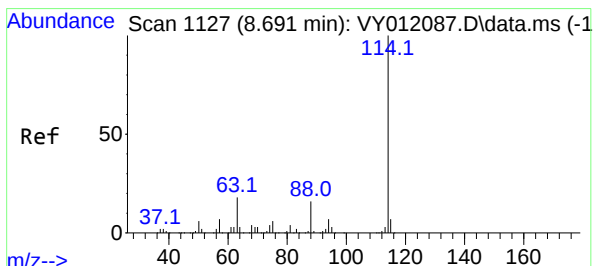
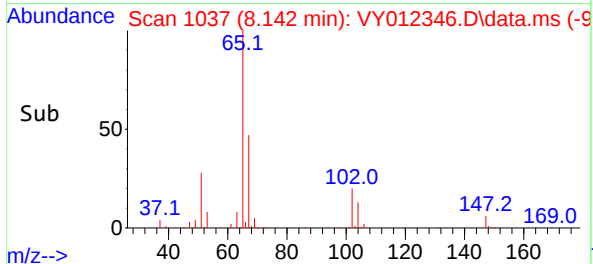
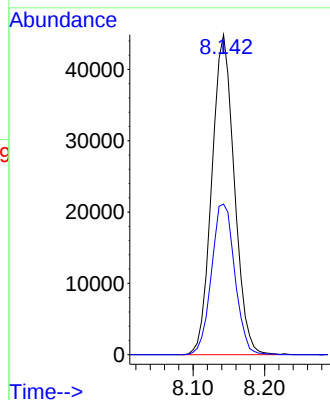
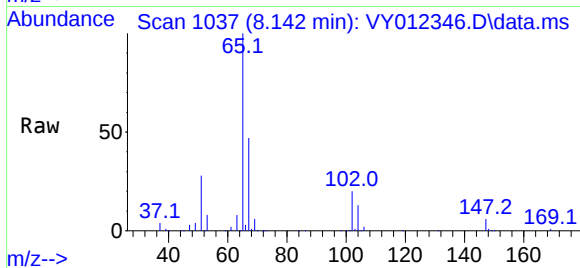
ClientSampleId :

Tgt Ion: 65 Resp: 98001

Ion Ratio Lower Upper

65 100

67 48.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012346.D

Acq: 24 Jan 2023 16:49

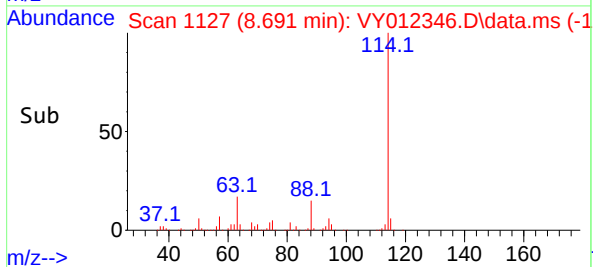
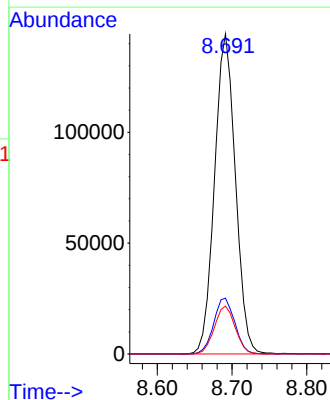
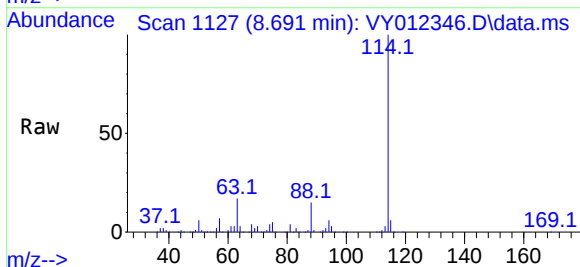
Tgt Ion: 114 Resp: 280082

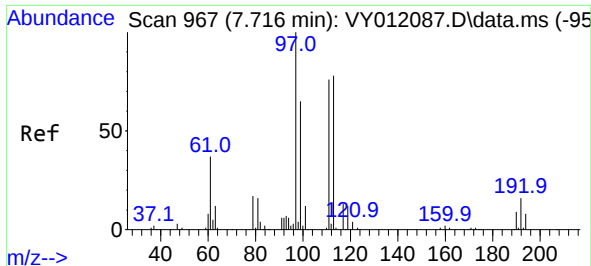
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

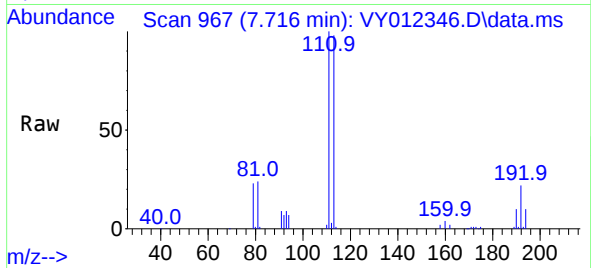
88 15.0 0.0 32.2



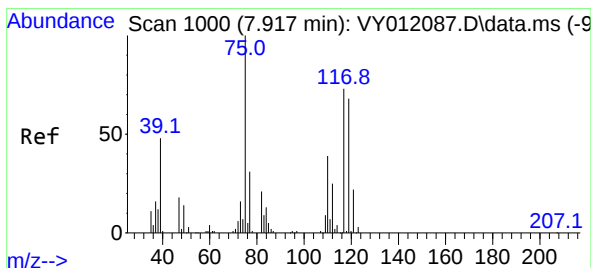
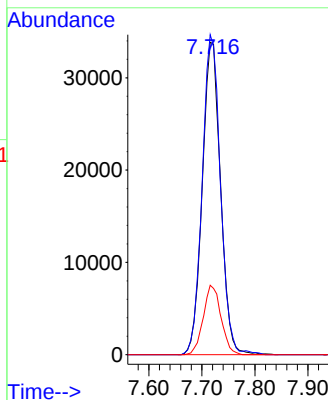
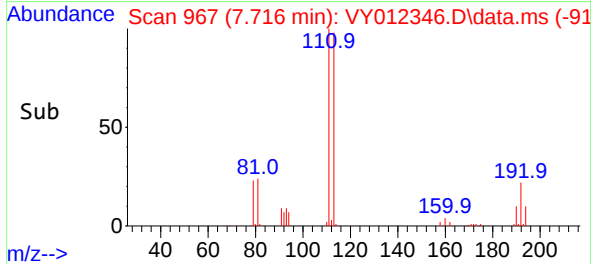


#35
Dibromofluoromethane
Concen: 54.581 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :

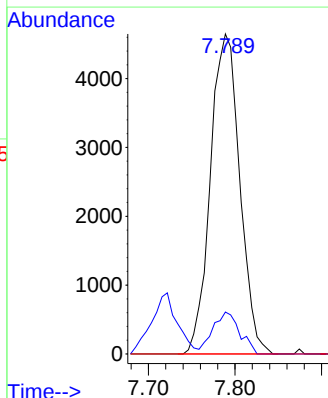
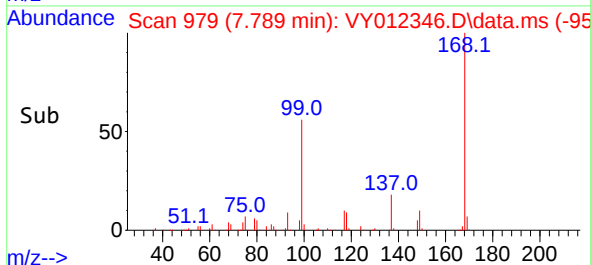
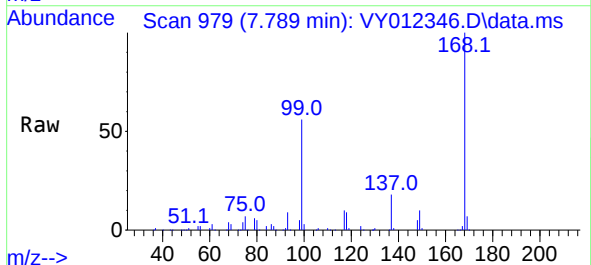


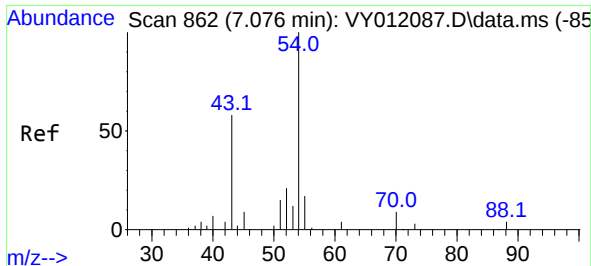
Tgt Ion:113 Resp: 80945
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Tgt Ion: 75 Resp: 10947
Ion Ratio Lower Upper
75 100
110 11.9 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.048 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY012346.D

Acq: 24 Jan 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

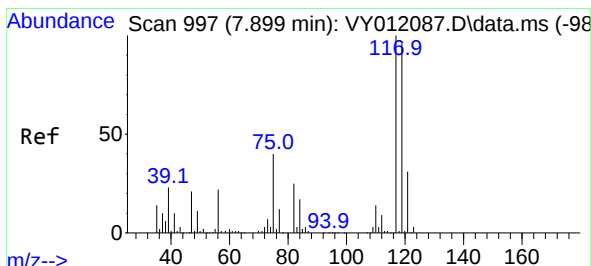
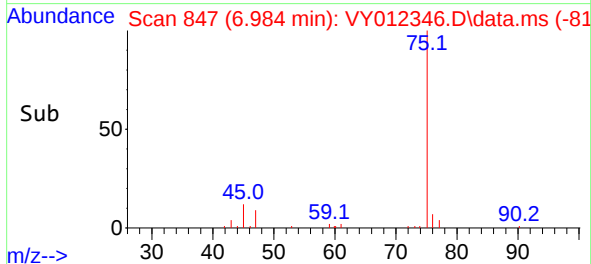
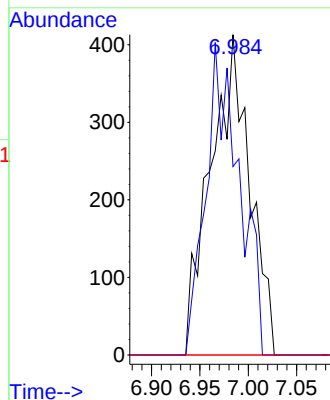
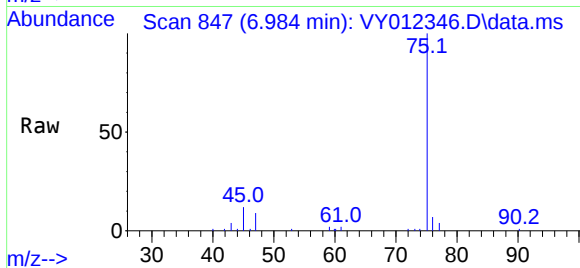
Tgt Ion: 43 Resp: 1164

Ion Ratio Lower Upper

43 100

61 82.9 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 4.996 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012346.D

Acq: 24 Jan 2023 16:49

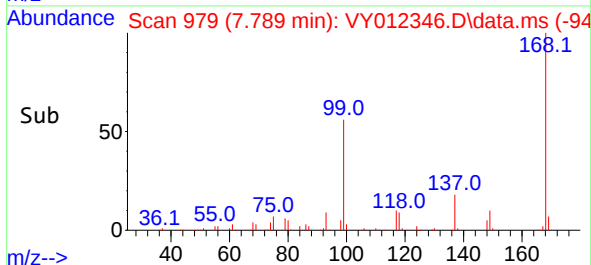
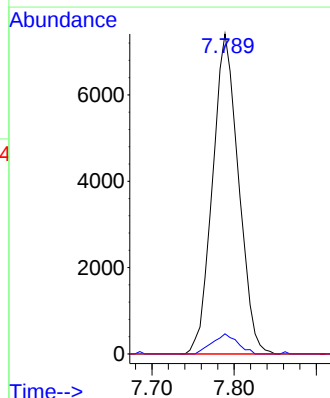
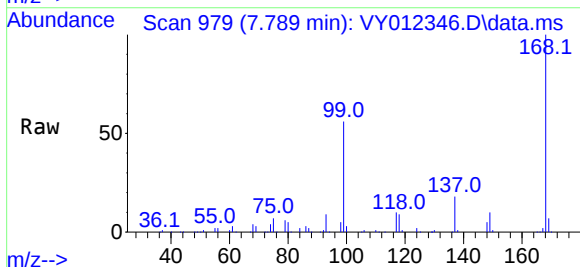
Tgt Ion: 117 Resp: 16264

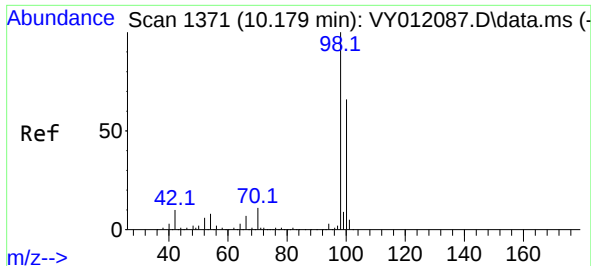
Ion Ratio Lower Upper

117 100

119 6.3 73.8 110.8#

121 0.0 25.2 37.8#

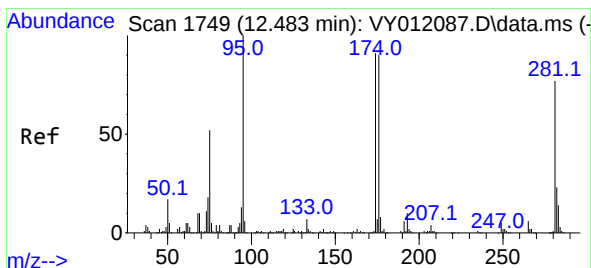
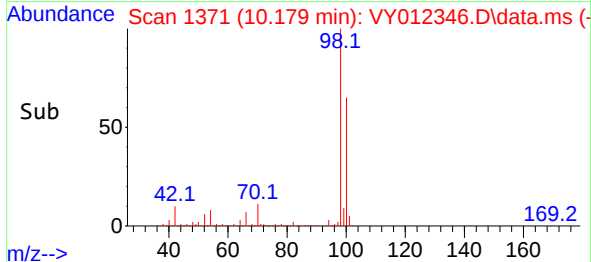
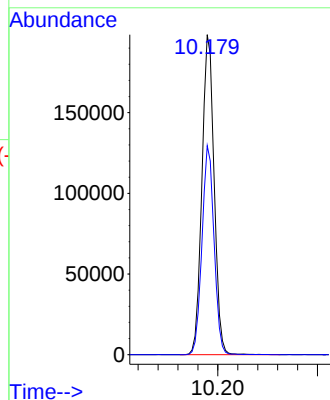
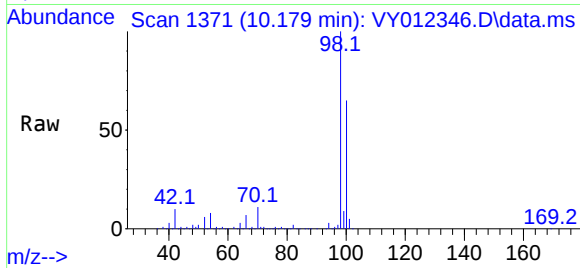




#50
Toluene-d8
Concen: 66.818 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

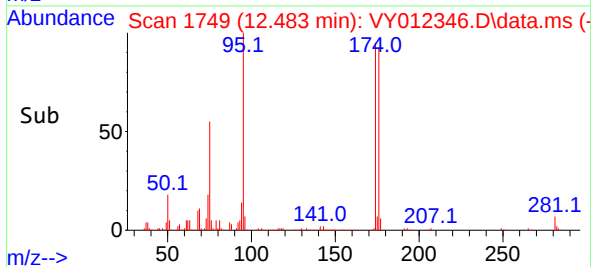
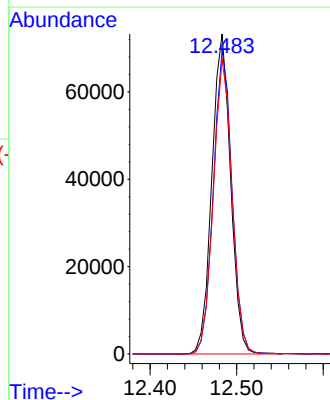
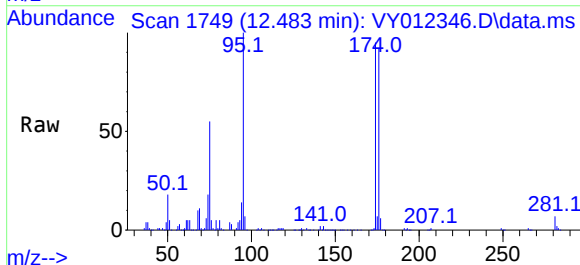
Instrument :
MSVOA_Y
ClientSampleId :

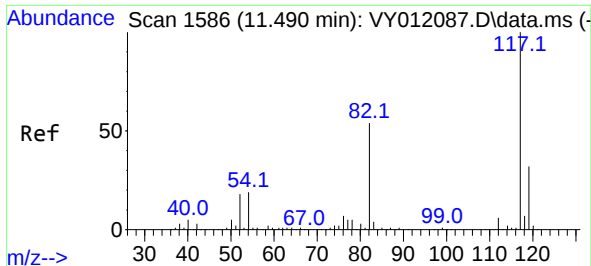
Tgt Ion: 98 Resp: 335854
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

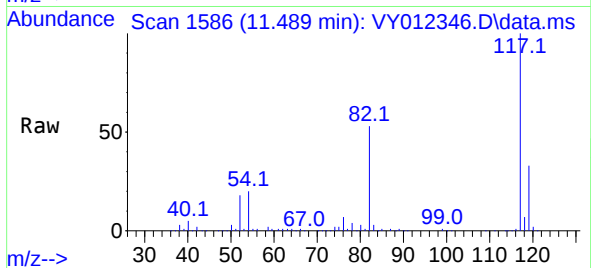
Tgt Ion: 95 Resp: 109950
Ion Ratio Lower Upper
95 100
174 94.7 0.0 172.0
176 92.0 0.0 167.6



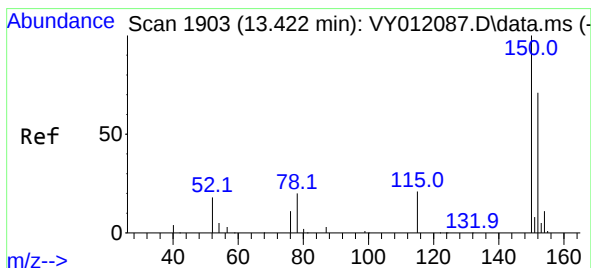
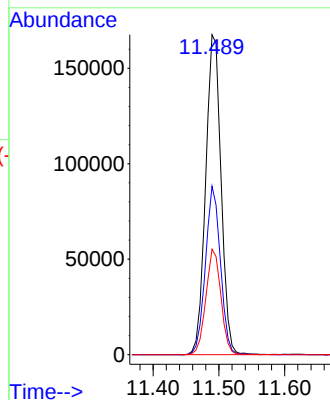
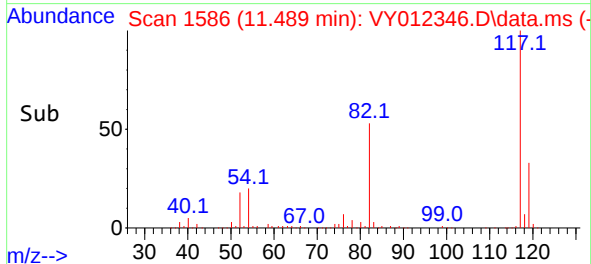


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :

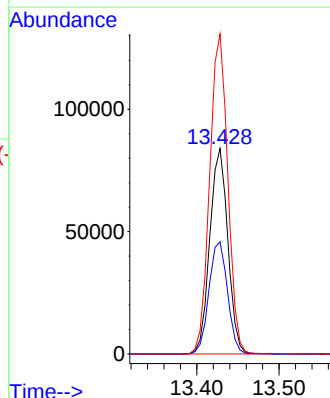
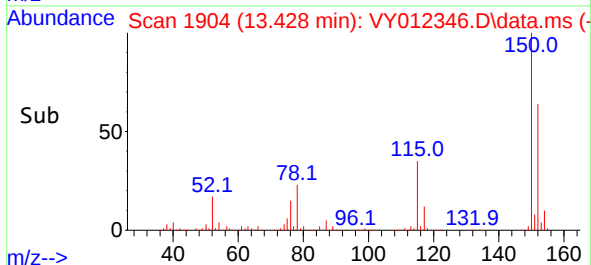
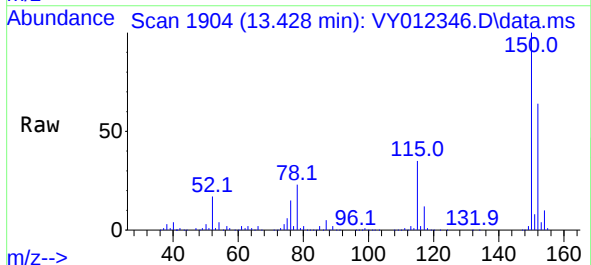


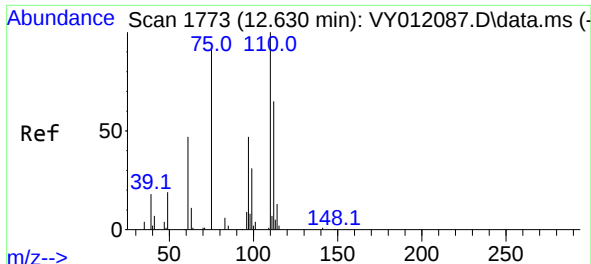
Tgt Ion:117 Resp: 273543
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Tgt Ion:152 Resp: 128057
Ion Ratio Lower Upper
152 100
115 56.1 29.1 87.3
150 156.4 0.0 342.6

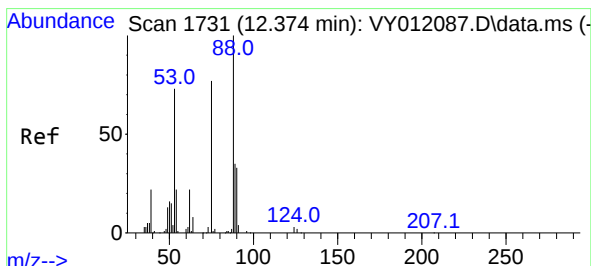
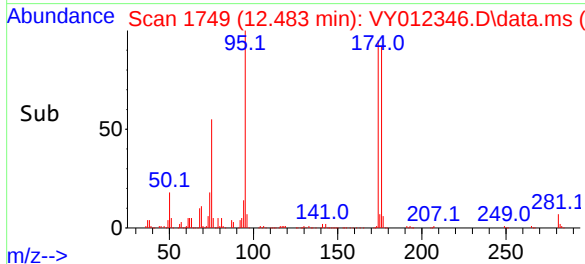
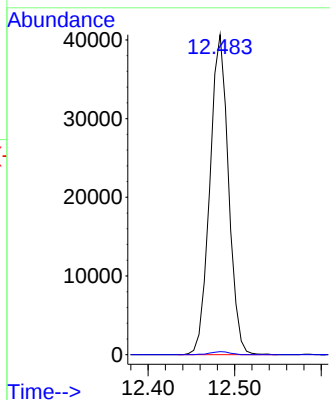
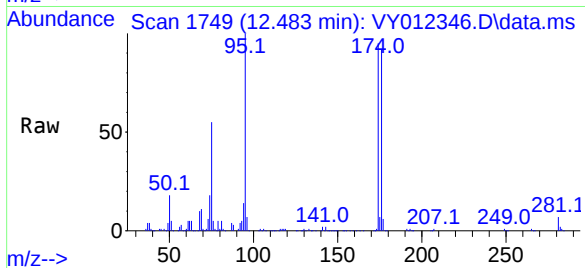




#76
1,2,3-Trichloropropane
Concen: 51.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60802
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.391 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012346.D
Acq: 24 Jan 2023 16:49

Tgt Ion: 75 Resp: 60802
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

