

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012453.D
 Acq On : 02 Feb 2023 13:38
 Operator : KP/MD
 Sample : VY0202SBL07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL07

Quant Time: Feb 03 03:11:12 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)

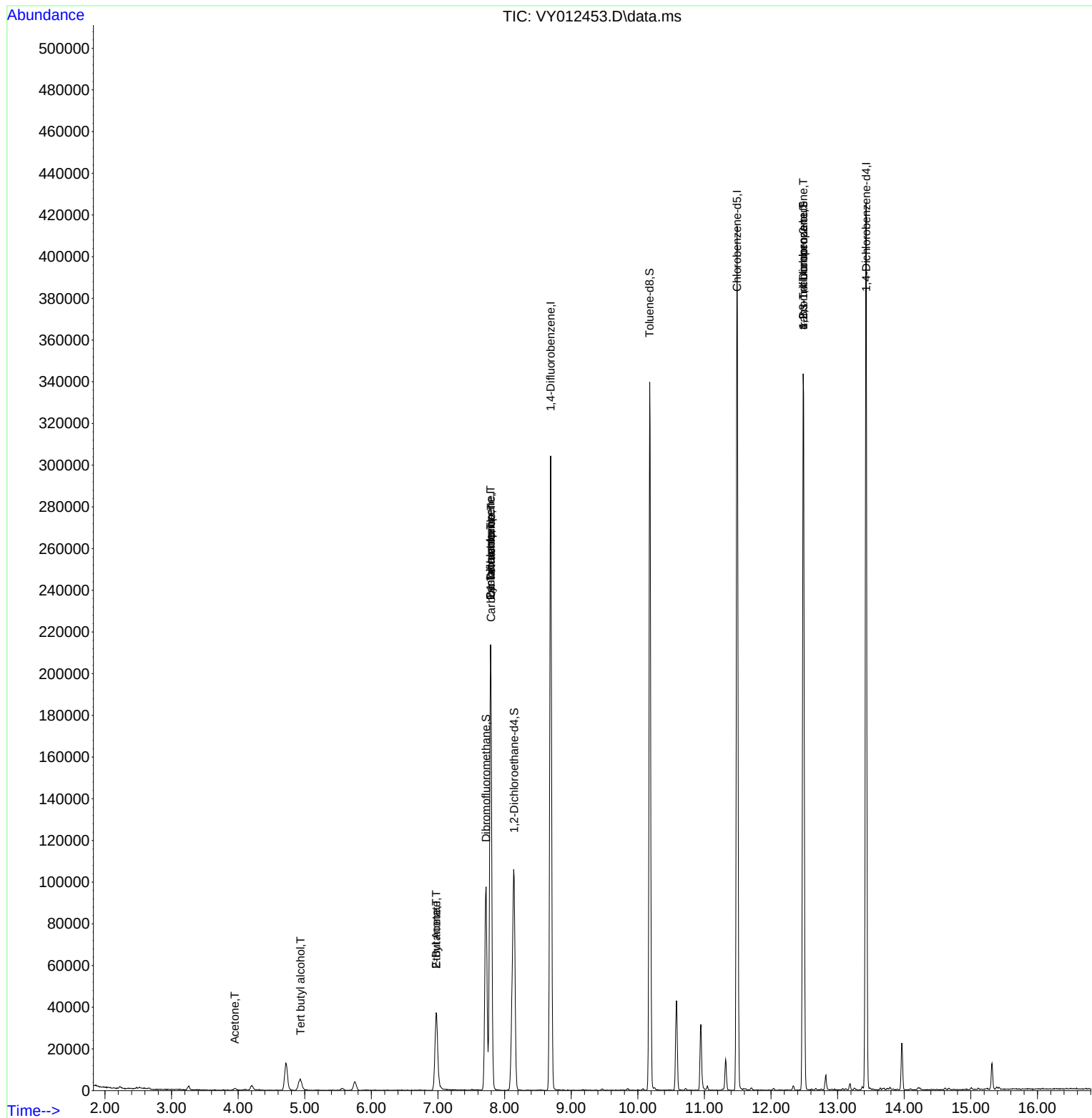
Internal Standards						
1) Pentafluorobenzene	7.789	168	170024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69991	49.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.260%
35) Dibromofluoromethane	7.722	113	67881	48.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.179	98	225835	46.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.483	95	83284	42.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	5432	21.212	ug/l #	74
16) Acetone	3.948	43	1581	3.339	ug/l #	81
20) Methylene Chloride	4.722	84	10841	Below Cal		90
25) 2-Butanone	6.972	43	1741	3.331	ug/l #	70
31) Cyclohexane	7.789	56	2858	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11562	4.868	ug/l #	50
37) Ethyl Acetate	6.972	43	1741	1.663	ug/l #	1
38) Carbon Tetrachloride	7.795	117	16155	5.267	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	43830	42.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43830	86.701	ug/l #	13

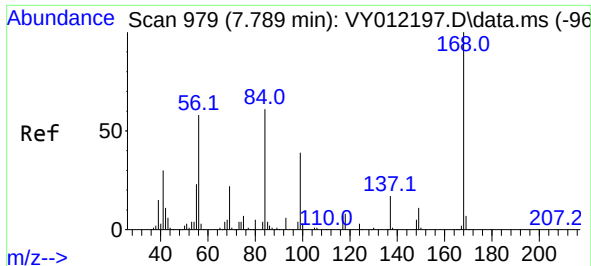
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
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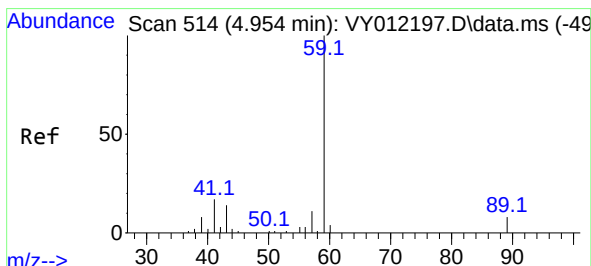
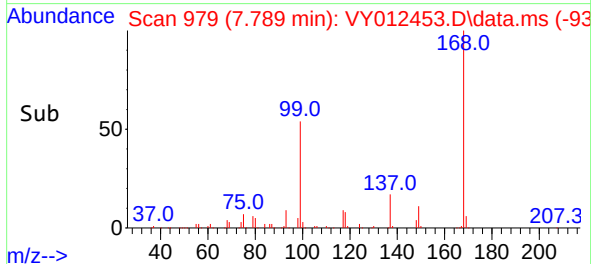
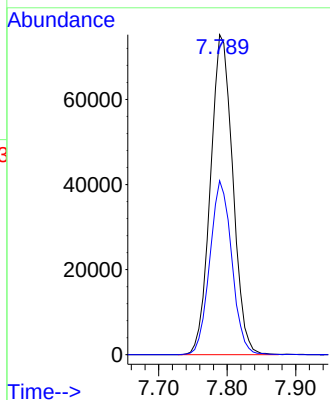
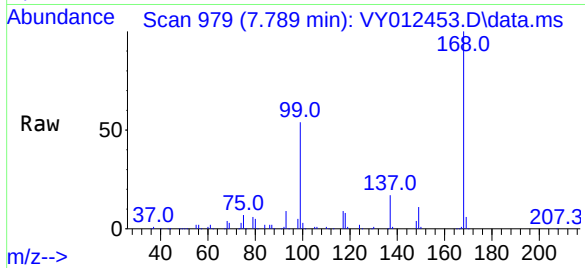




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

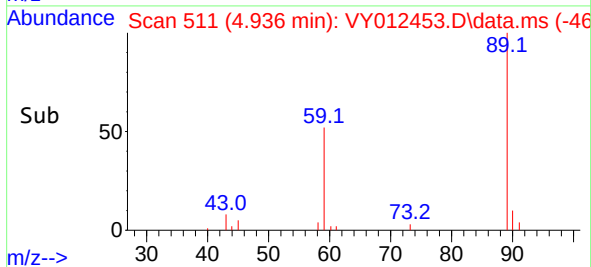
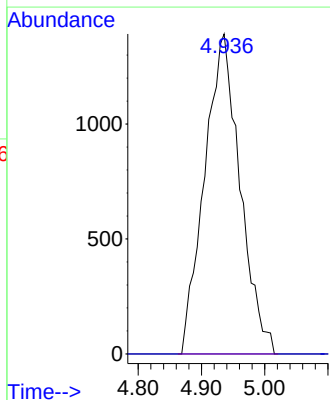
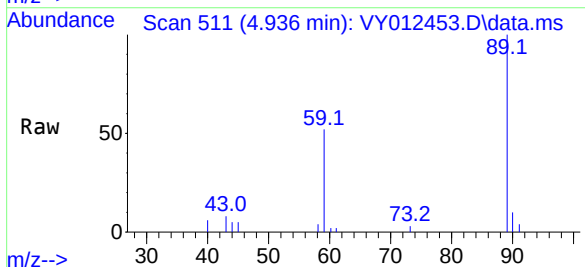
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL07

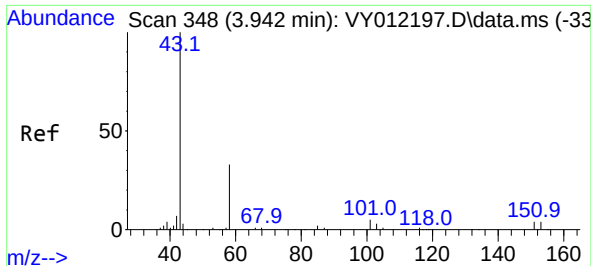
Tgt Ion:168 Resp: 170024
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#11
Tert butyl alcohol
Concen: 21.212 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Tgt Ion: 59 Resp: 5432
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

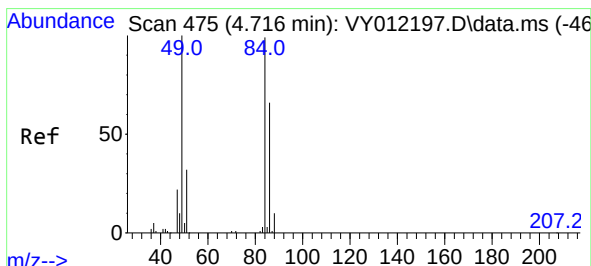
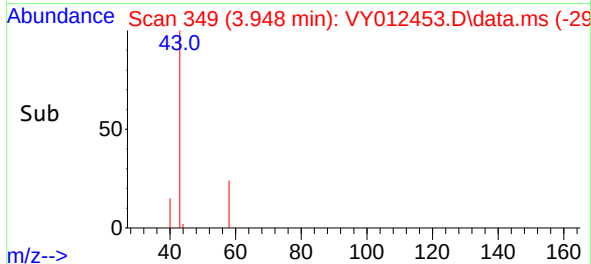
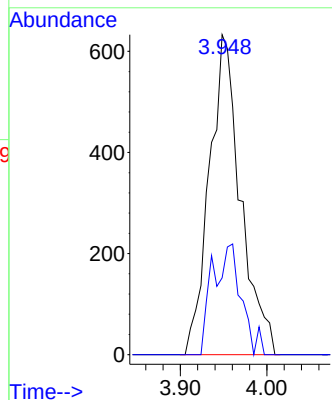
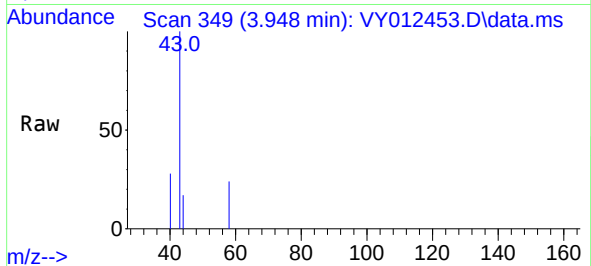




#16
Acetone
Concen: 3.339 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

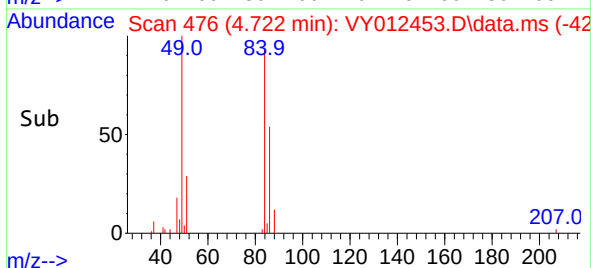
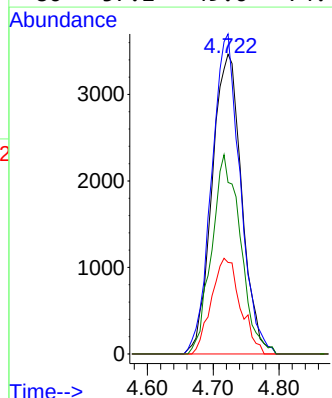
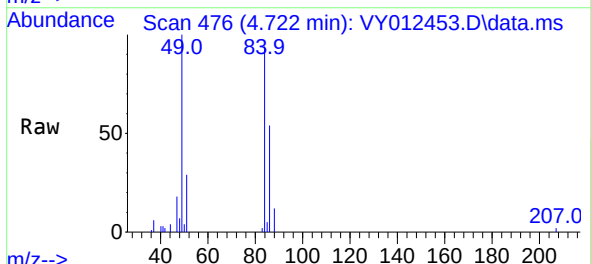
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL07

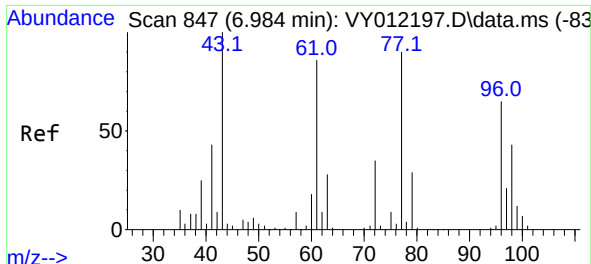
Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 24.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Tgt Ion: 84 Resp: 10841
Ion Ratio Lower Upper
84 100
49 106.8 95.4 143.2
51 30.5 29.9 44.9
86 57.2 49.6 74.4





#25

2-Butanone

Concen: 3.331 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012453.D

Acq: 02 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

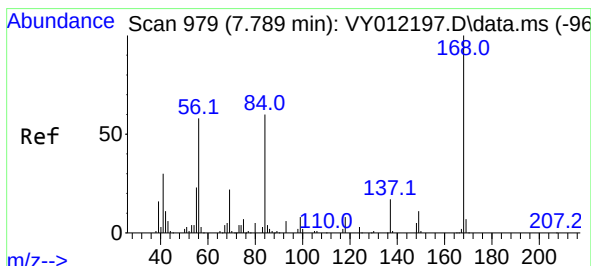
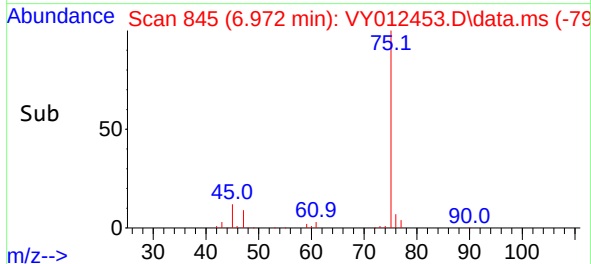
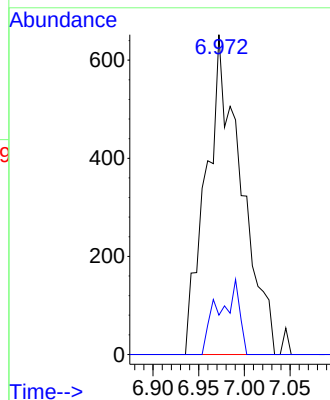
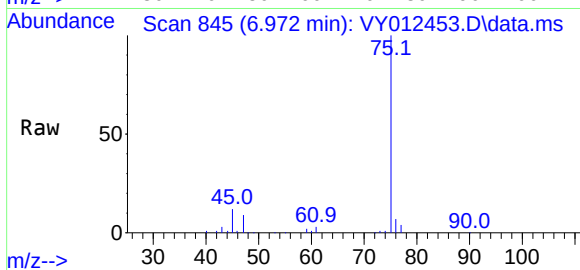
VY0202SBL07

Tgt Ion: 43 Resp: 1741

Ion Ratio Lower Upper

43 100

72 12.3 22.6 34.0#



#31

Cyclohexane

Concen: 1.153 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012453.D

Acq: 02 Feb 2023 13:38

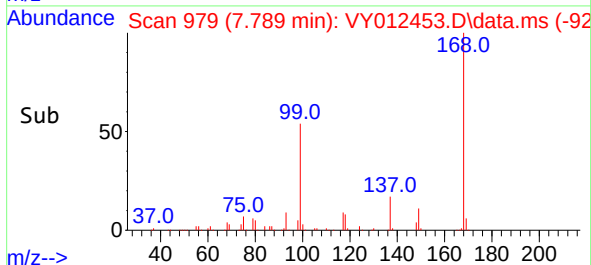
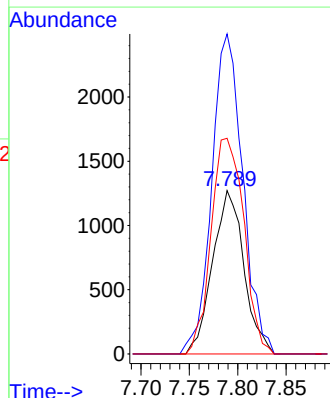
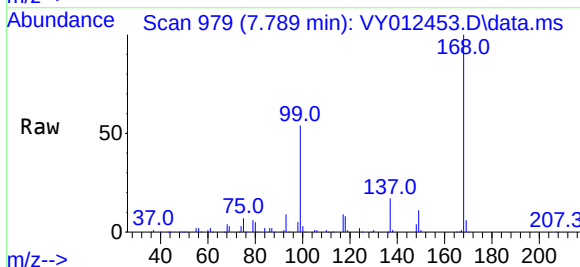
Tgt Ion: 56 Resp: 2858

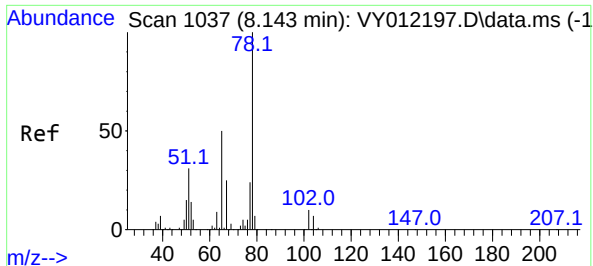
Ion Ratio Lower Upper

56 100

69 195.8 29.2 43.8#

84 132.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 49.635 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012453.D

Acq: 02 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

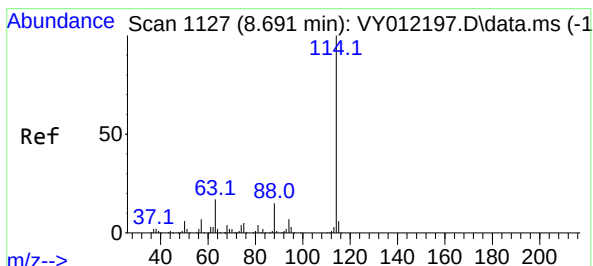
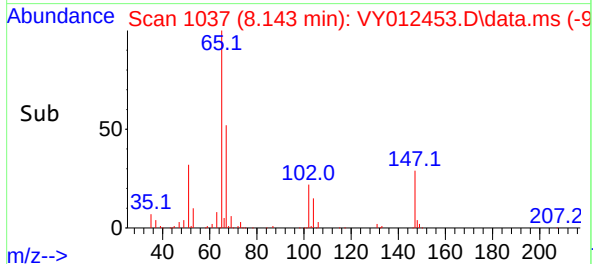
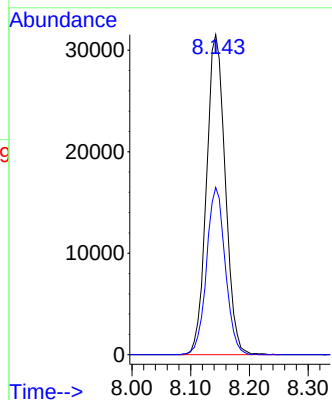
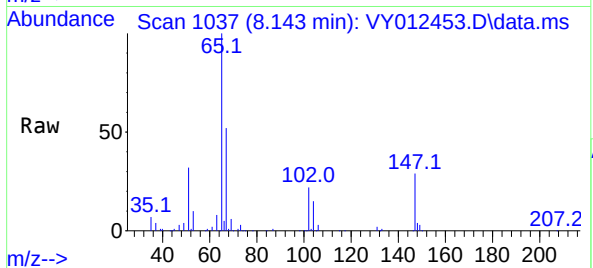
VY0202SBL07

Tgt Ion: 65 Resp: 69991

Ion Ratio Lower Upper

65 100

67 52.1 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: VY012453.D

Acq: 02 Feb 2023 13:38

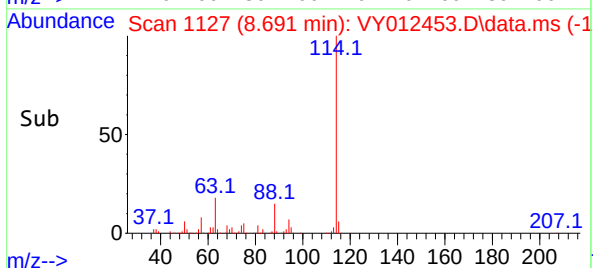
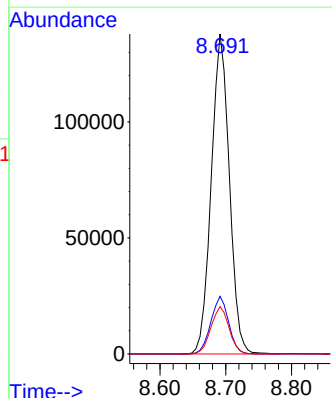
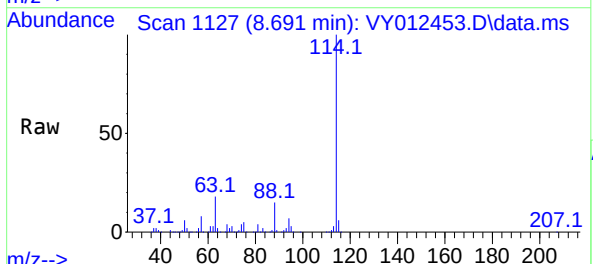
Tgt Ion: 114 Resp: 263914

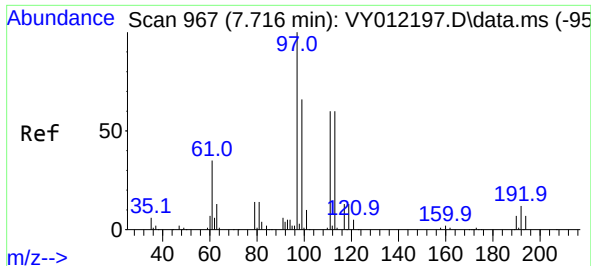
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 14.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.576 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012453.D

Acq: 02 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL07

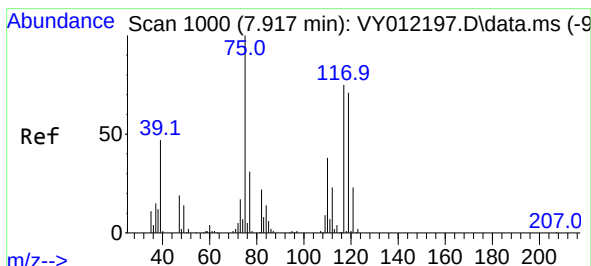
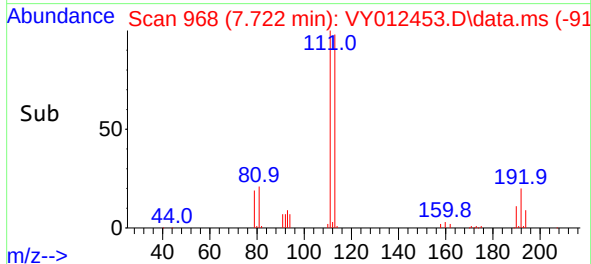
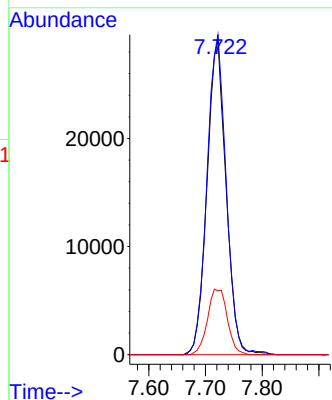
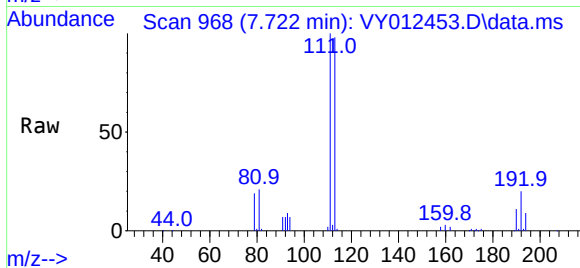
Tgt Ion:113 Resp: 67881

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.7 16.0 24.0



#36

1,1-Dichloropropene

Concen: 4.868 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY012453.D

Acq: 02 Feb 2023 13:38

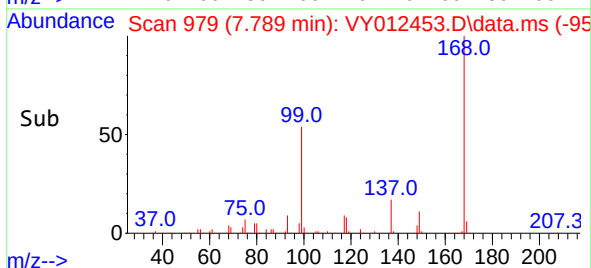
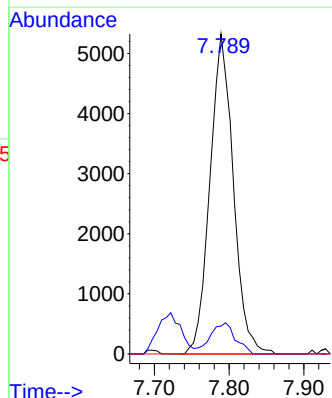
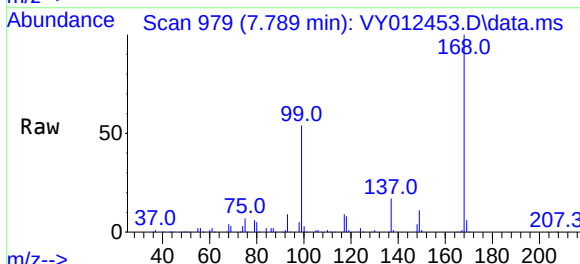
Tgt Ion: 75 Resp: 11562

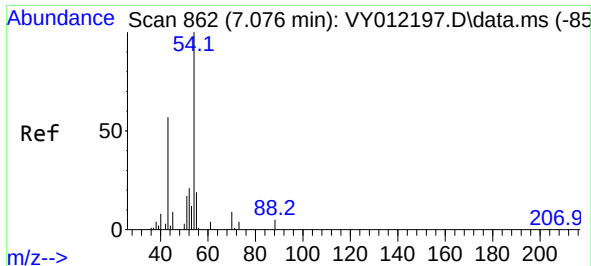
Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.1#

77 0.0 25.1 37.7#

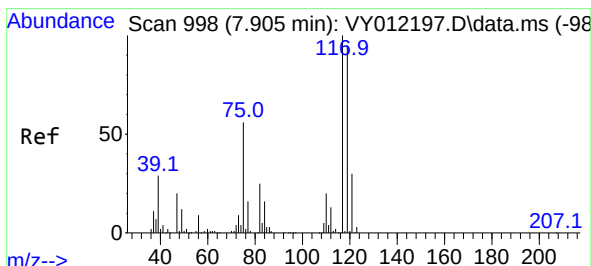
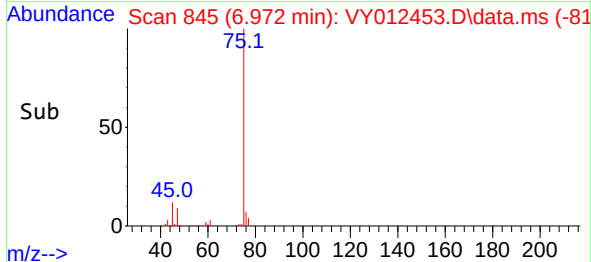
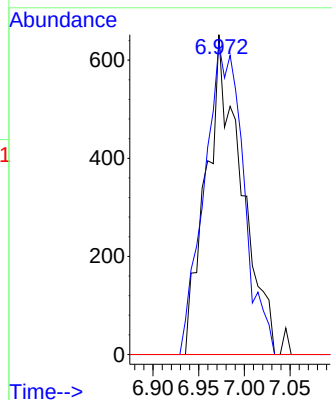
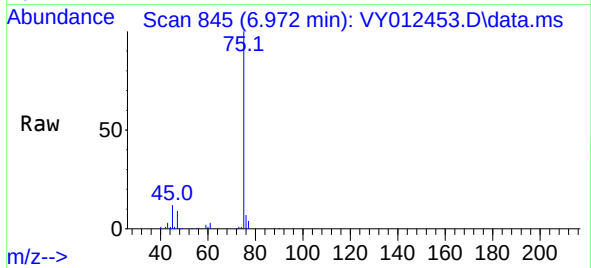




#37
Ethyl Acetate
Concen: 1.663 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.104 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

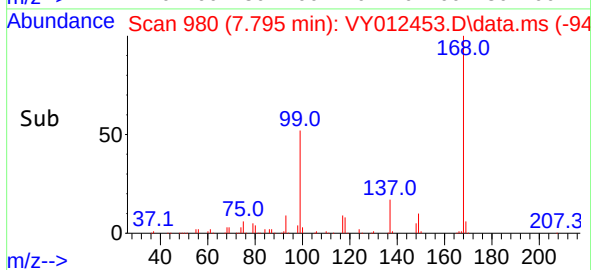
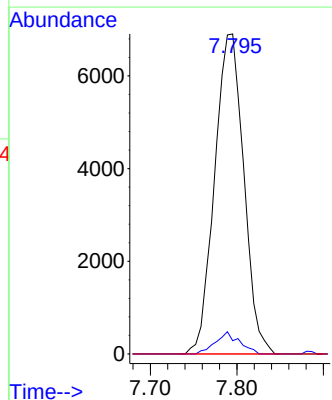
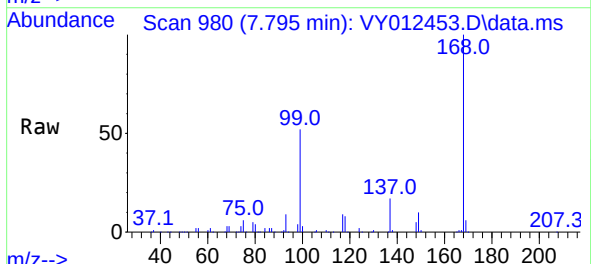
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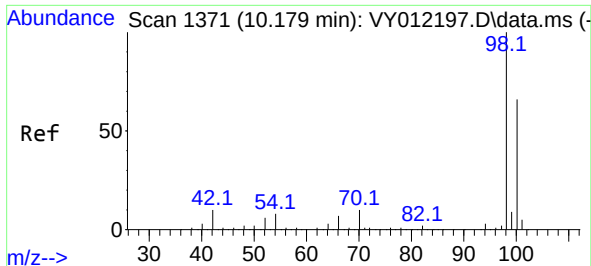
Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
61 107.9 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.267 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Tgt Ion: 117 Resp: 16155
Ion Ratio Lower Upper
117 100
119 4.1 73.8 110.8#
121 0.0 25.2 37.8#

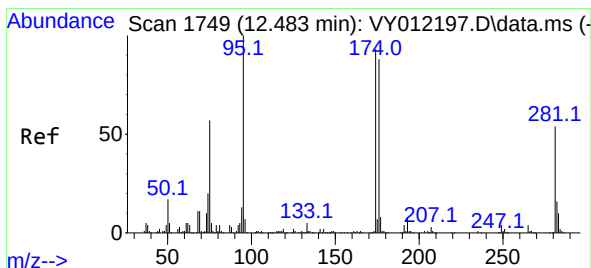
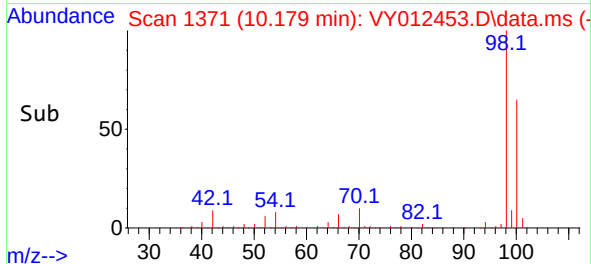
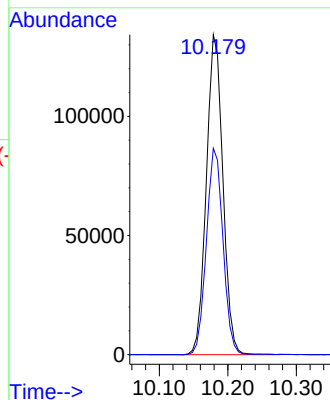
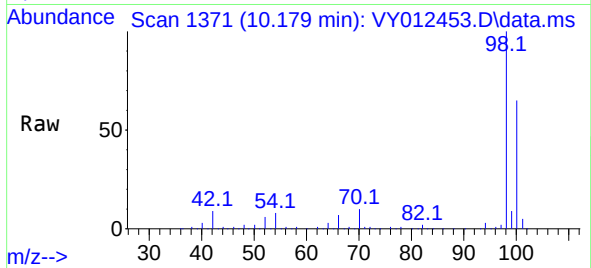




#50
Toluene-d8
Concen: 46.324 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

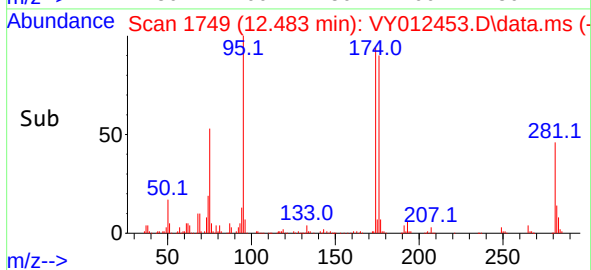
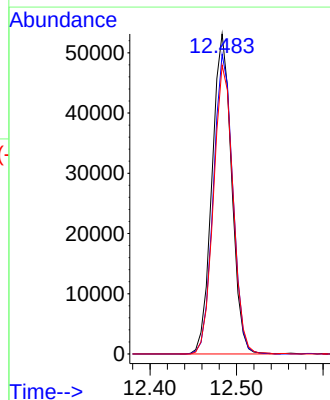
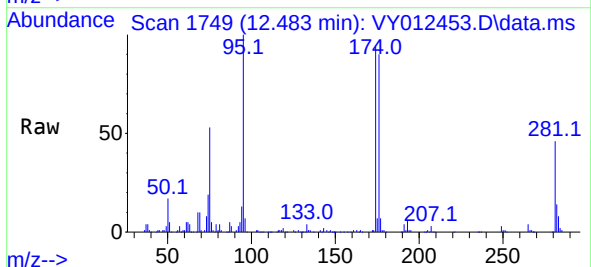
Instrument :
MSVOA_Y
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VY0202SBL07

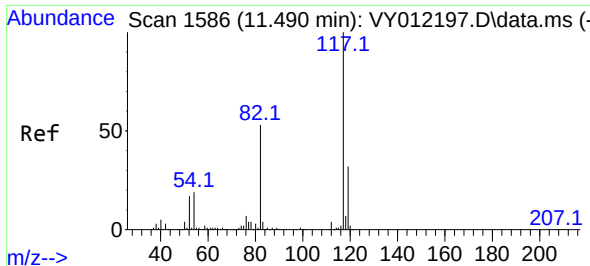
Tgt Ion: 98 Resp: 225835
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Tgt Ion: 95 Resp: 83284
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 90.1 0.0 167.6

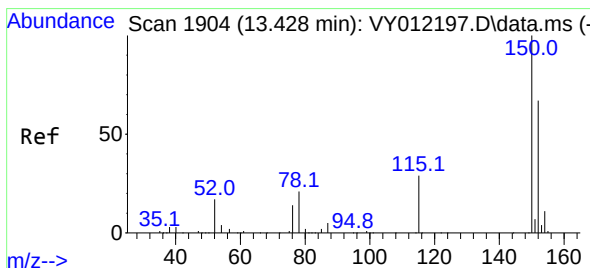
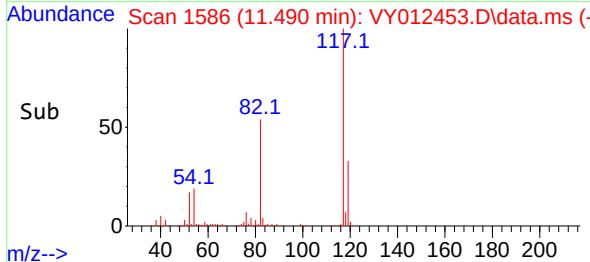
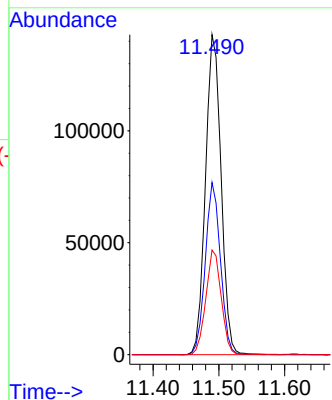
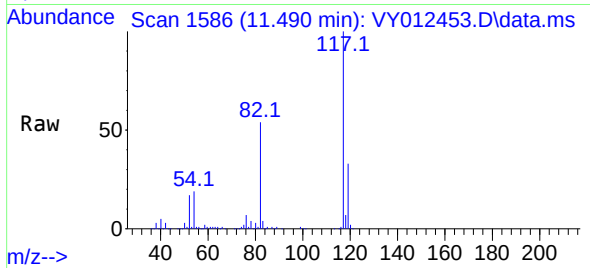




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

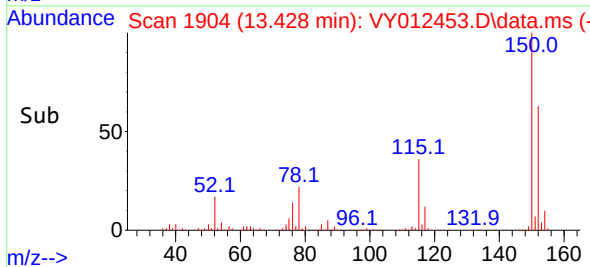
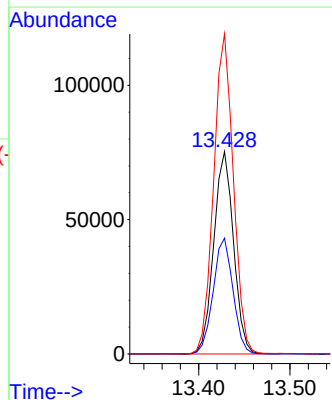
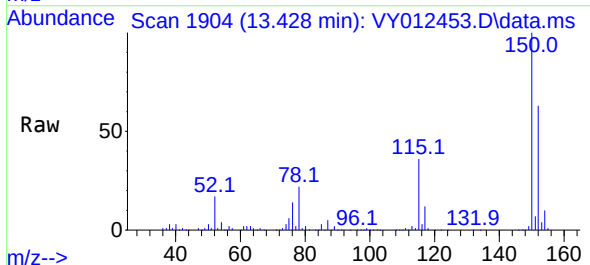
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL07

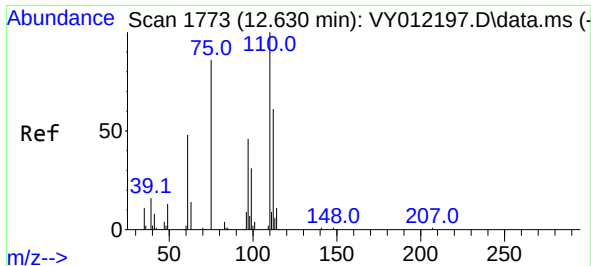
Tgt Ion:117 Resp: 235917
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Tgt Ion:152 Resp: 113276
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 157.7 0.0 342.6

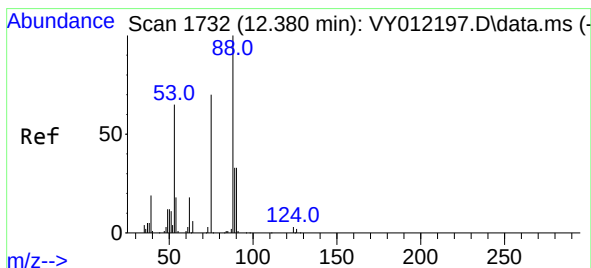
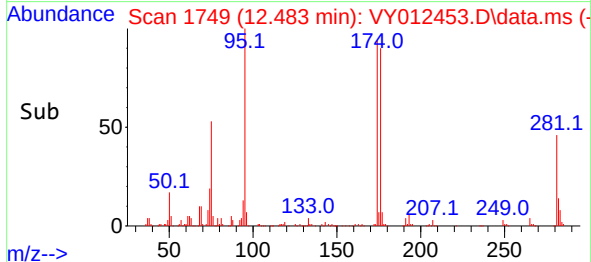
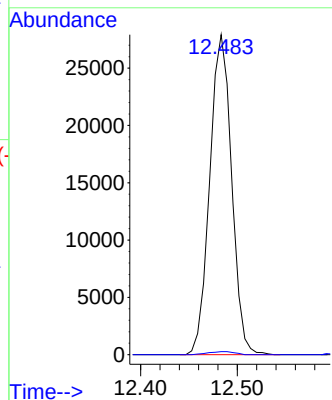
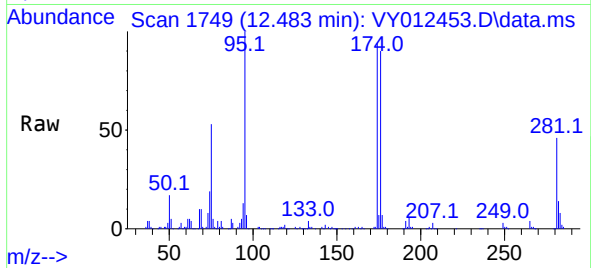




#76
1,2,3-Trichloropropane
Concen: 42.079 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL07

Tgt Ion: 75 Resp: 43830
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012453.D
Acq: 02 Feb 2023 13:38

Tgt Ion: 75 Resp: 43830
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.4 37.0 55.4#

