

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012434.D
 Acq On : 01 Feb 2023 11:56
 Operator : KP/MD
 Sample : VY0201SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBL01

Quant Time: Feb 01 23:02:26 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	168562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	260736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71256	51.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.160%
35) Dibromofluoromethane	7.722	113	65195	47.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.179	98	218555	45.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.560%
62) 4-Bromofluorobenzene	12.483	95	81721	41.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.980%

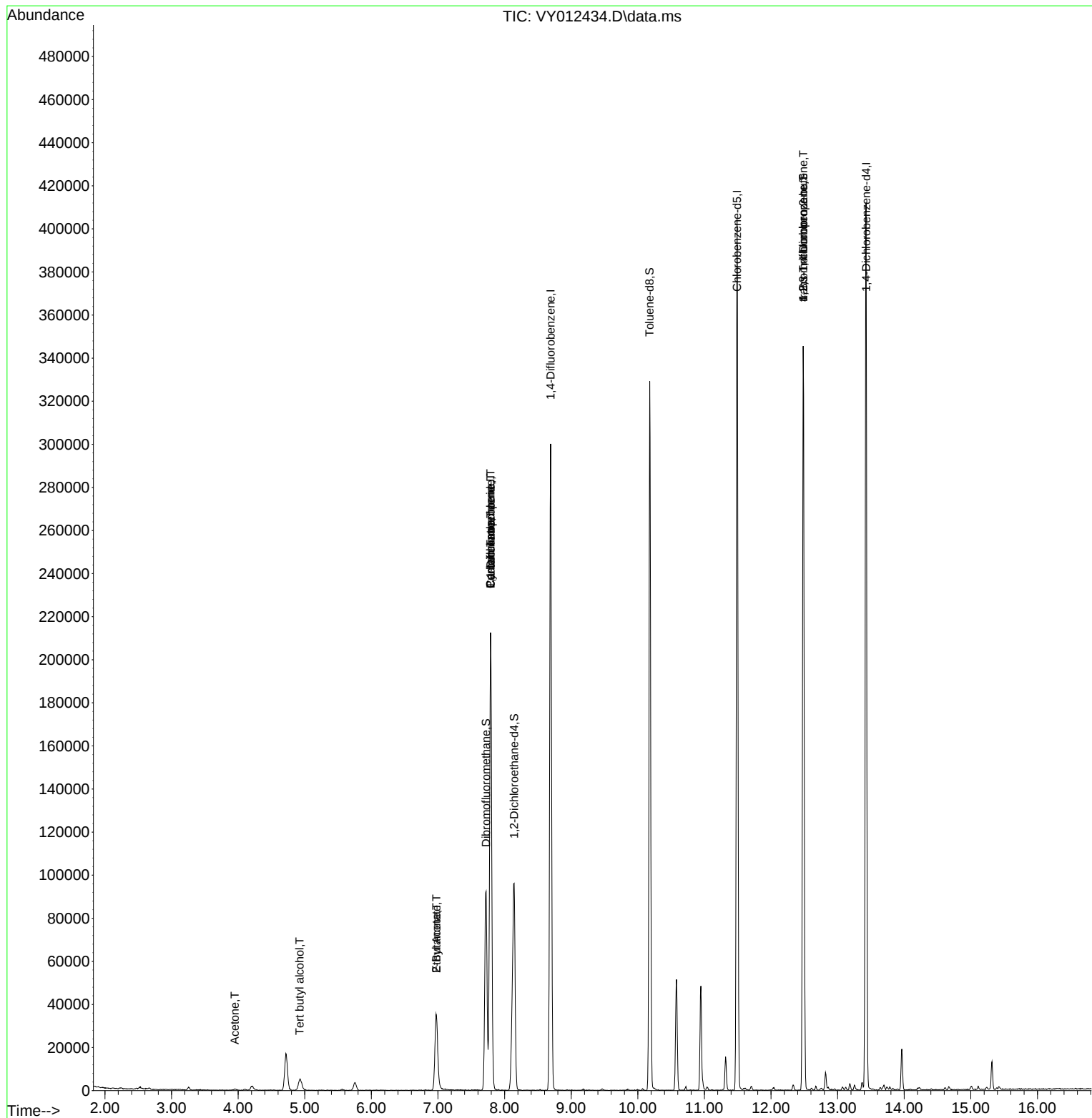
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	5181	19.916	ug/l	# 74
16) Acetone	3.948	43	1085	2.312	ug/l	# 87
20) Methylene Chloride	4.716	84	13653	Below Cal		90
25) 2-Butanone	6.978	43	1694	3.269	ug/l	99
31) Cyclohexane	7.789	56	2987	1.215	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	11351	4.838	ug/l	# 51
37) Ethyl Acetate	6.978	43	1694	1.638	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	16690	5.508	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	42624	40.655	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	42624	83.767	ug/l	# 13

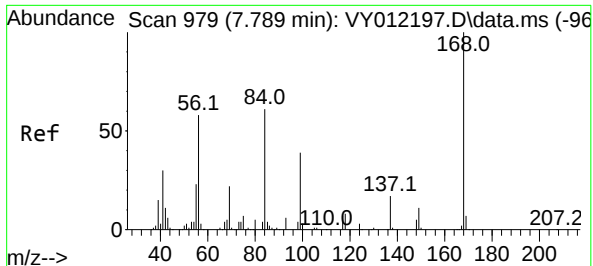
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012434.D
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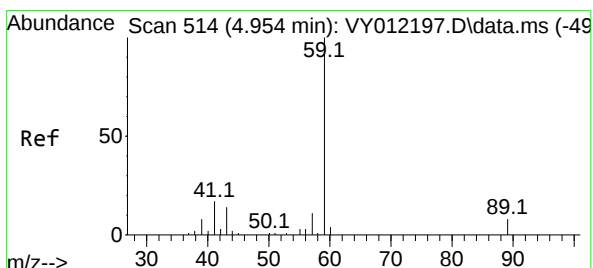
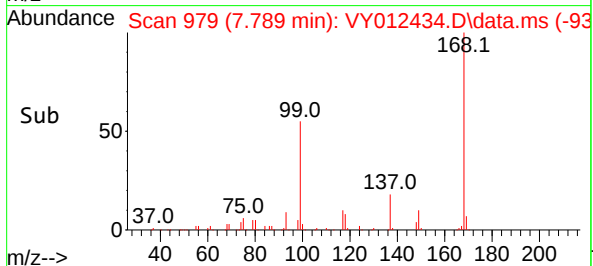
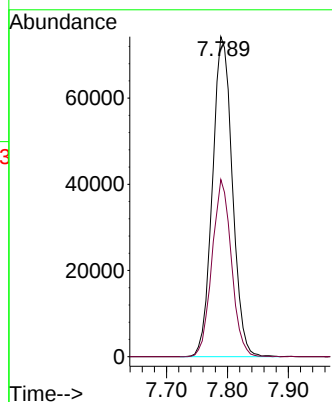
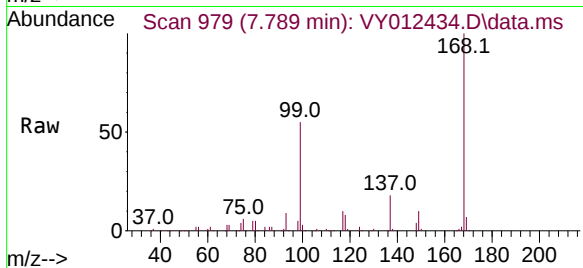




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

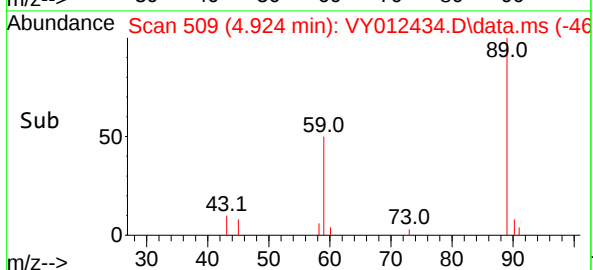
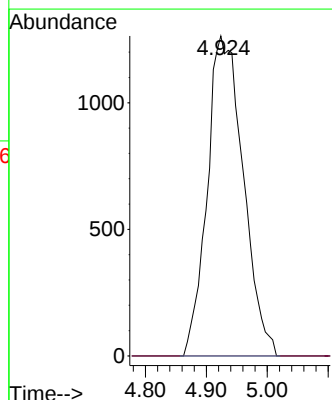
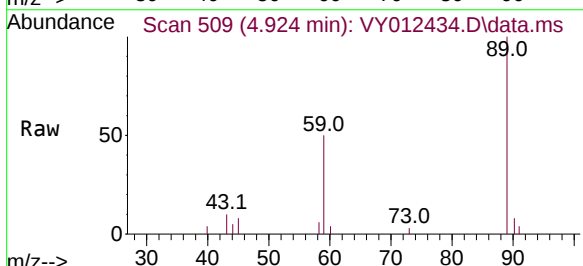
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBL01

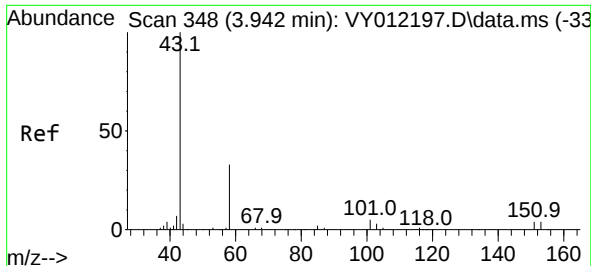
Tgt Ion:168 Resp: 168562
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#11
Tert butyl alcohol
Concen: 19.916 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 59 Resp: 5181
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

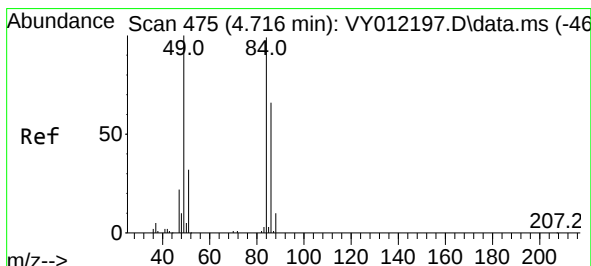
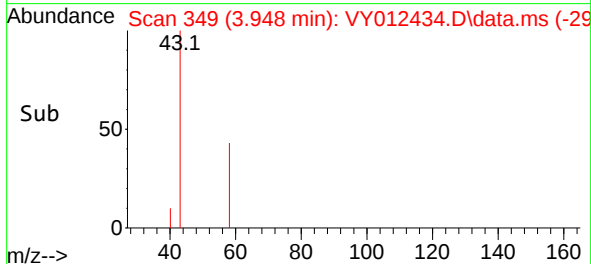
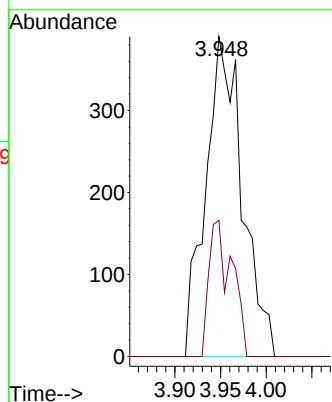
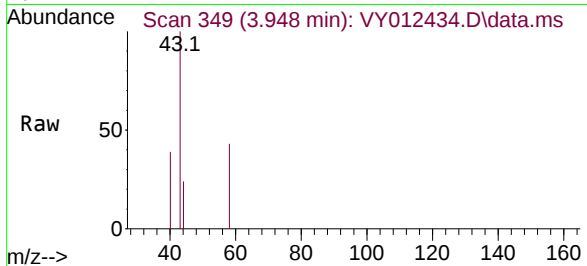




#16
Acetone
Concen: 2.312 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

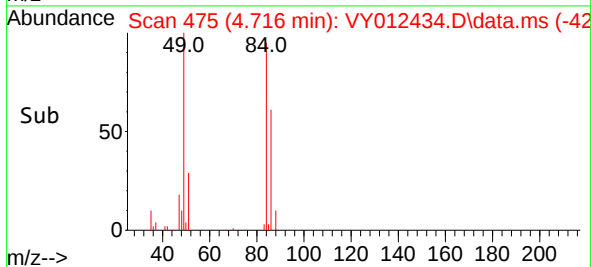
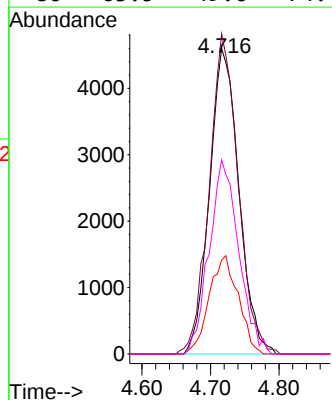
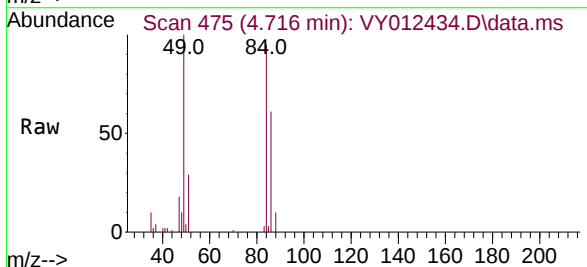
Instrument :
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ClientSampleId :
VY0201SBL01

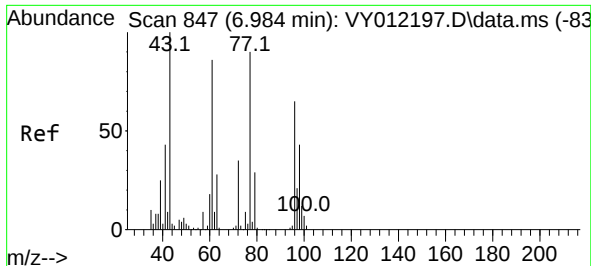
Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
58 42.6 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 84 Resp: 13653
Ion Ratio Lower Upper
84 100
49 104.7 95.4 143.2
51 30.7 29.9 44.9
86 63.5 49.6 74.4

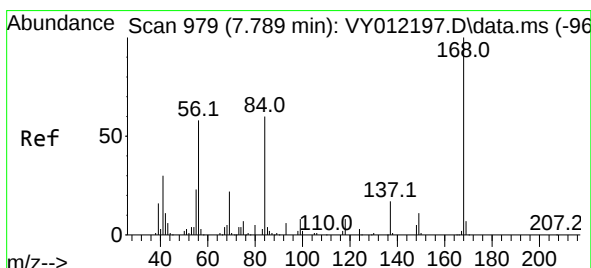
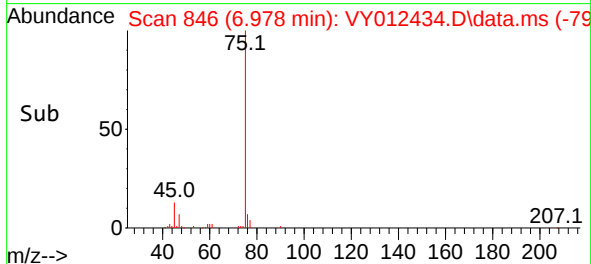
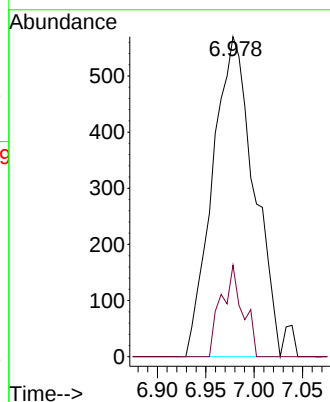
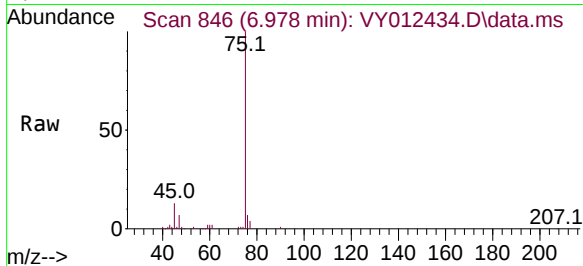




#25
2-Butanone
Concen: 3.269 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

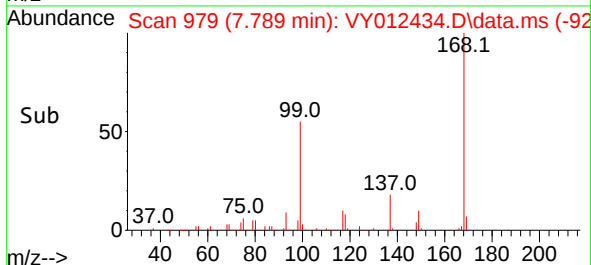
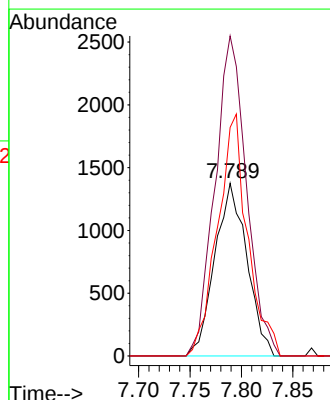
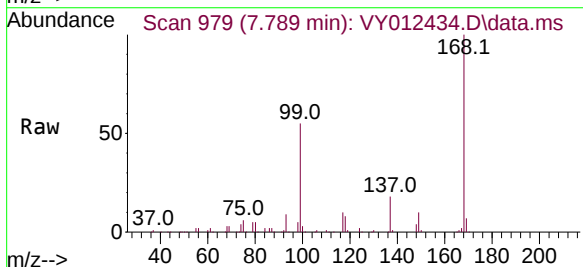
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBL01

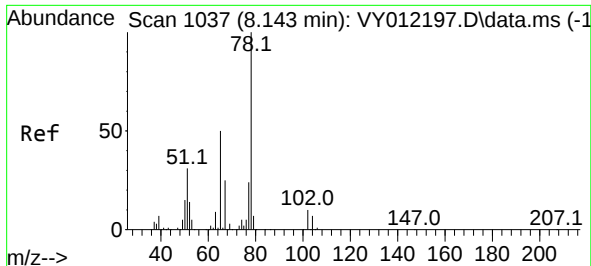
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
72 28.6 22.6 34.0



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 56 Resp: 2987
Ion Ratio Lower Upper
56 100
69 185.2 29.2 43.8#
84 132.3 72.6 108.8#

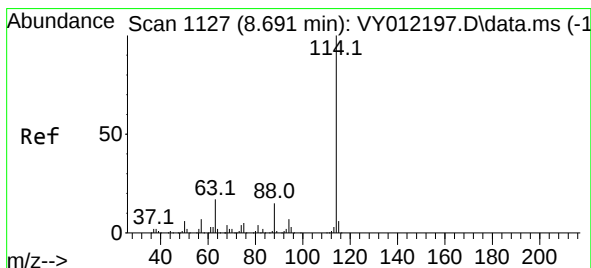
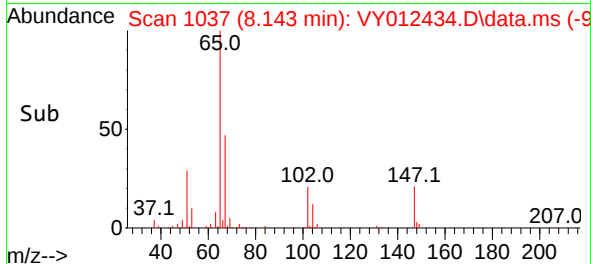
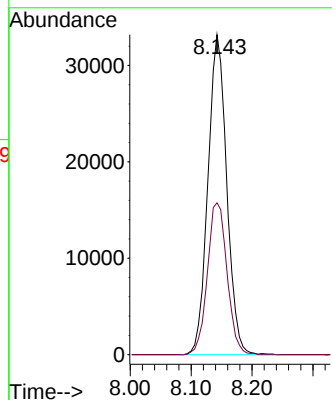
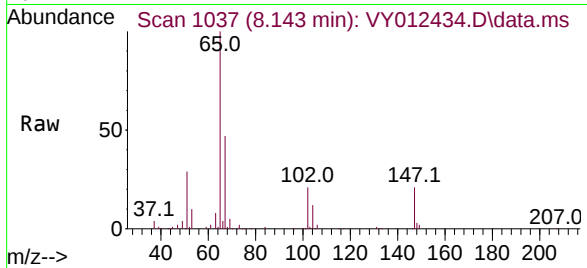




#33
 1,2-Dichloroethane-d4
 Concen: 51.085 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012434.D
 Acq: 01 Feb 2023 11:56

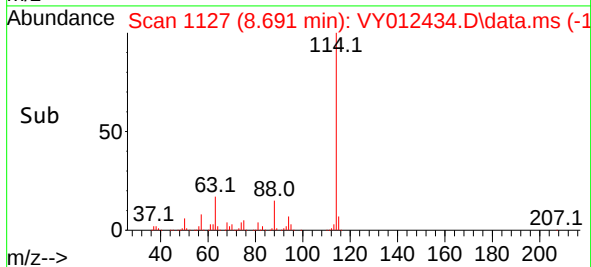
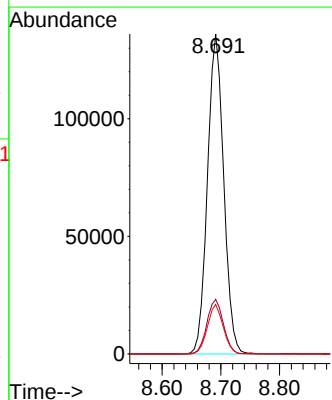
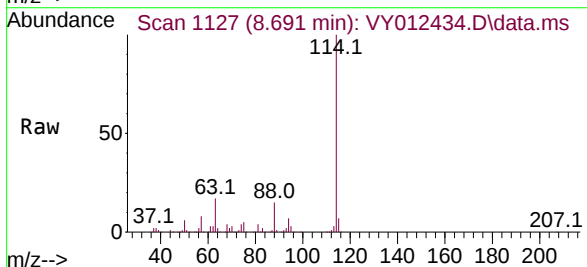
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBL01

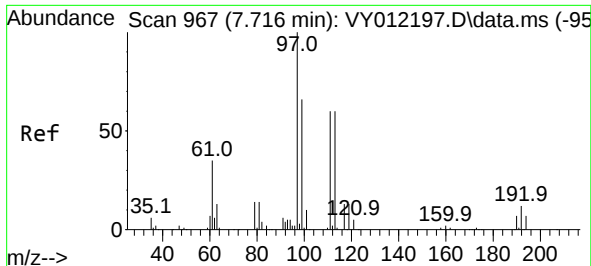
Tgt Ion: 65 Resp: 71256
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012434.D
 Acq: 01 Feb 2023 11:56

Tgt Ion:114 Resp: 260736
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.6
 88 15.5 0.0 32.2

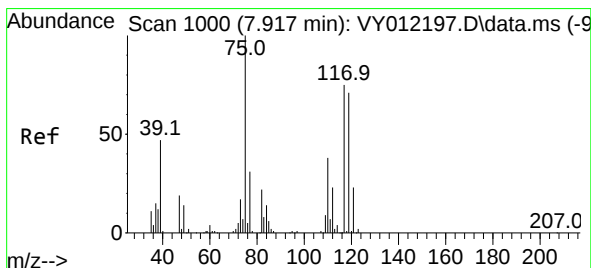
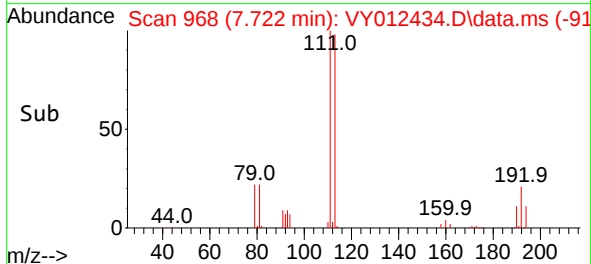
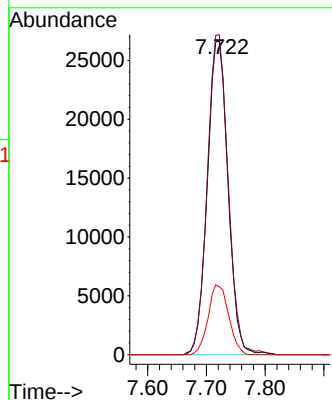
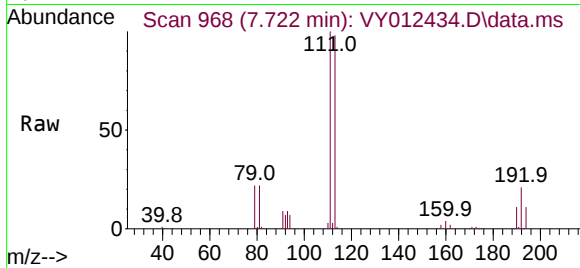




#35
Dibromofluoromethane
Concen: 47.222 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

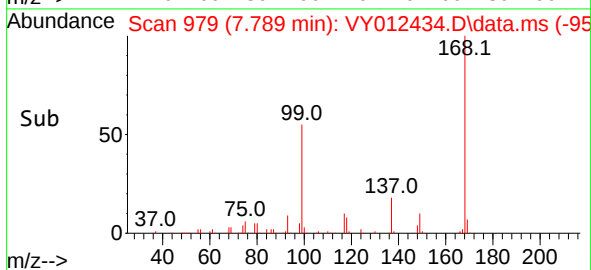
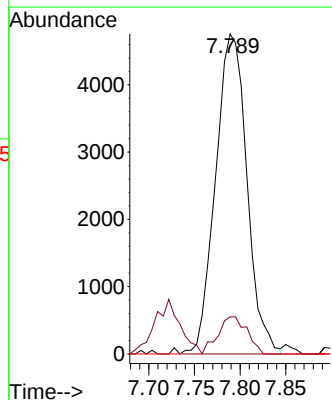
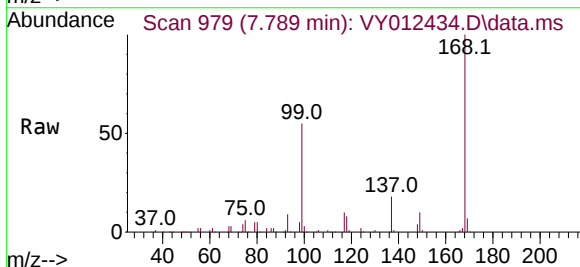
Instrument :
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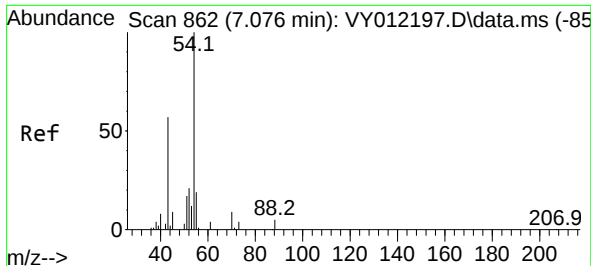
Tgt Ion:113 Resp: 65195
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 22.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 75 Resp: 11351
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.638 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY012434.D

Acq: 01 Feb 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBL01

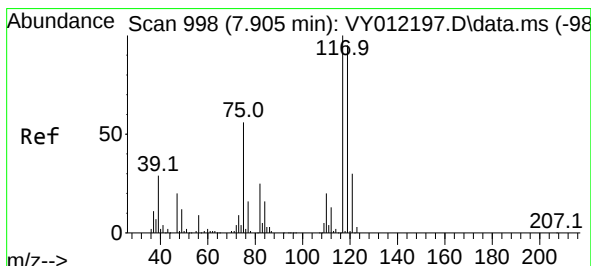
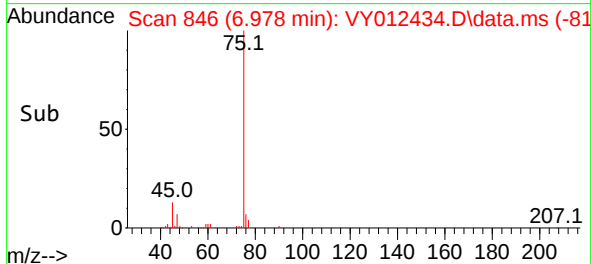
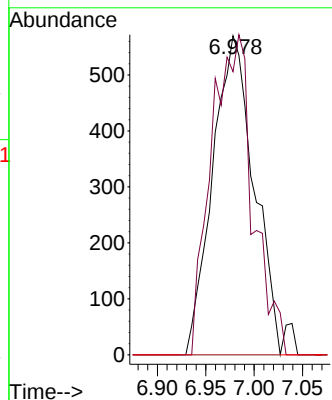
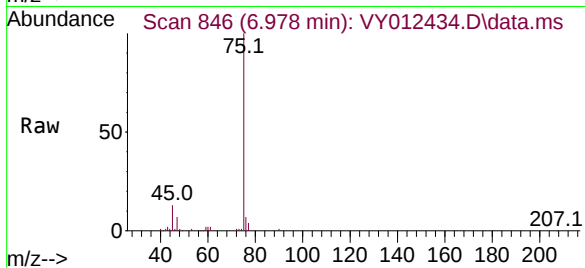
Tgt Ion: 43 Resp: 1694

Ion Ratio Lower Upper

43 100

61 101.2 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.508 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012434.D

Acq: 01 Feb 2023 11:56

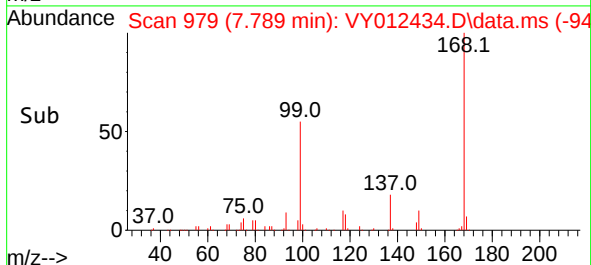
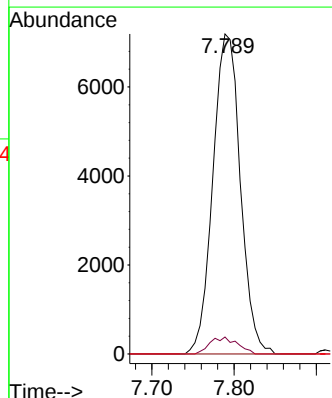
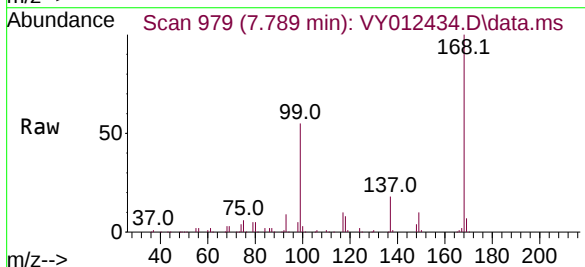
Tgt Ion: 117 Resp: 16690

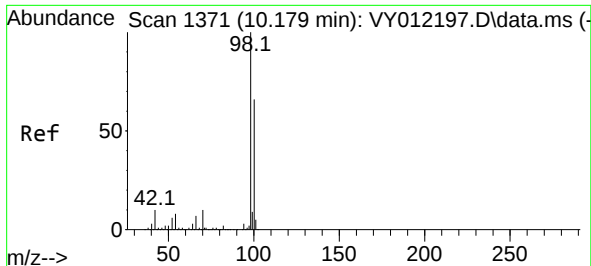
Ion Ratio Lower Upper

117 100

119 5.3 73.8 110.8#

121 0.0 25.2 37.8#

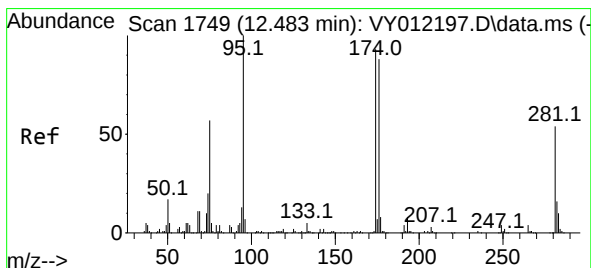
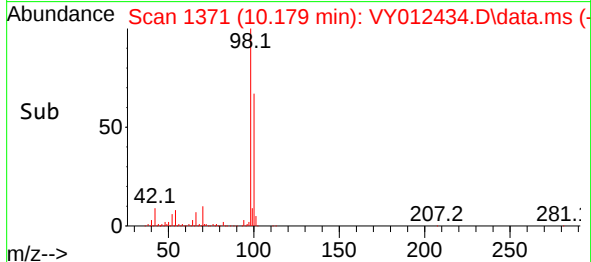
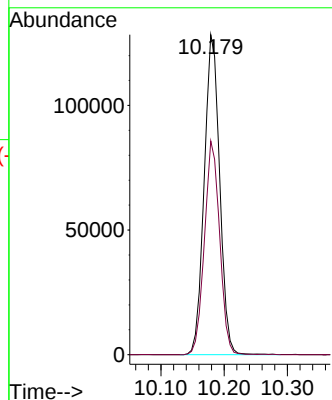
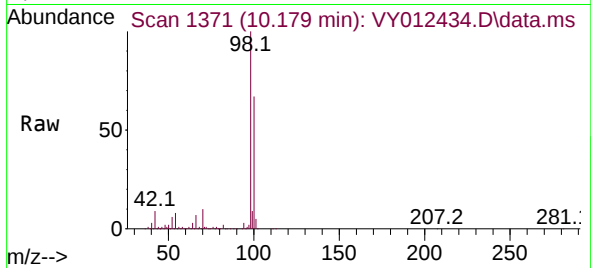




#50
Toluene-d8
Concen: 45.280 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

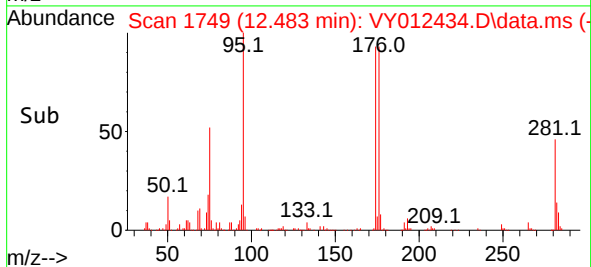
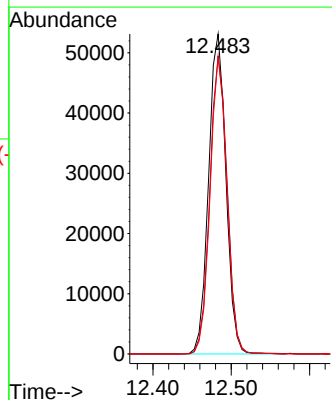
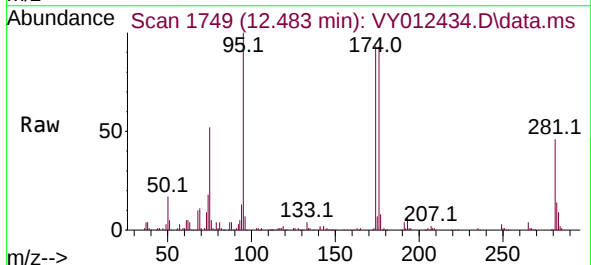
Instrument :
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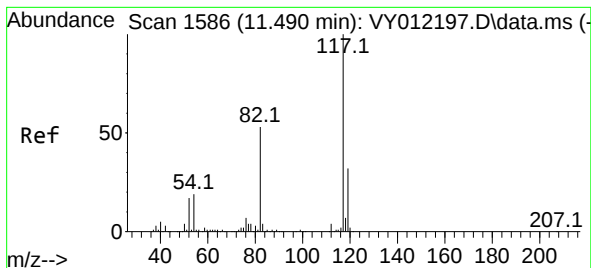
Tgt Ion: 98 Resp: 218555
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 95 Resp: 81721
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.4 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: VY012434.D

Acq: 01 Feb 2023 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBL01

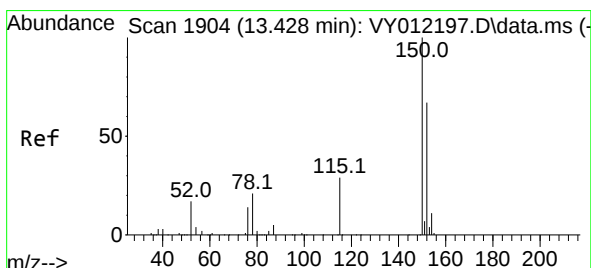
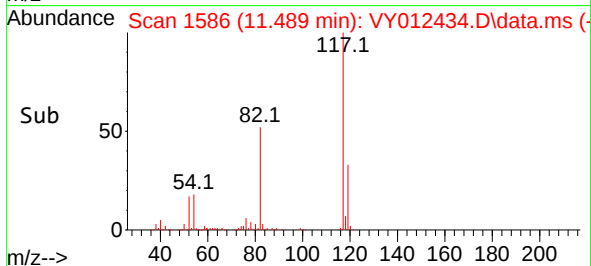
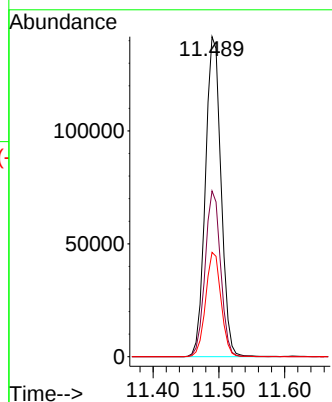
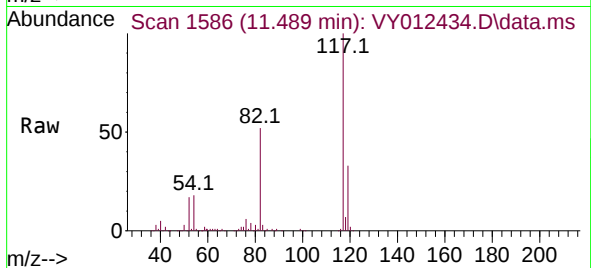
Tgt Ion:117 Resp: 234510

Ion Ratio Lower Upper

117 100

82 51.8 44.8 67.2

119 32.6 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: VY012434.D

Acq: 01 Feb 2023 11:56

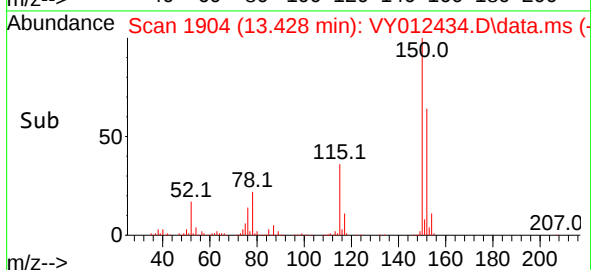
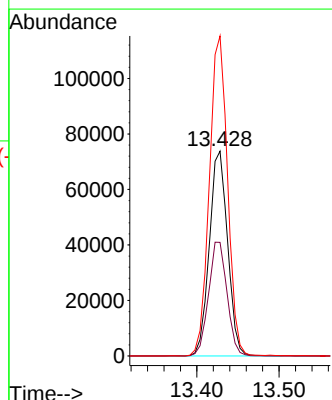
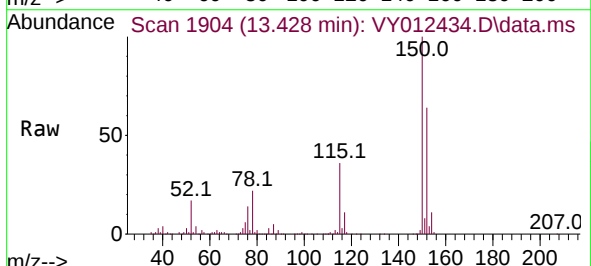
Tgt Ion:152 Resp: 114018

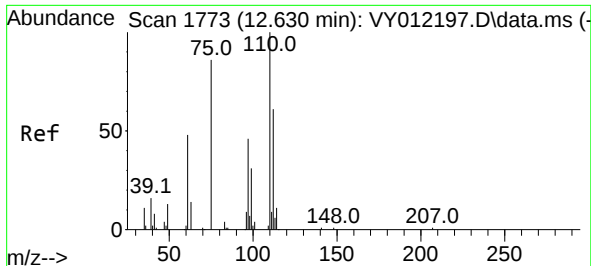
Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 155.5 0.0 342.6

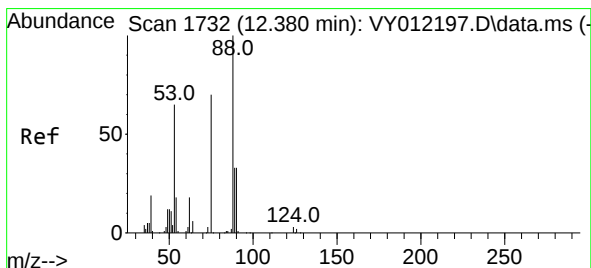
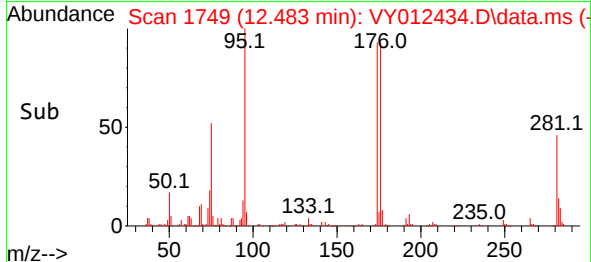
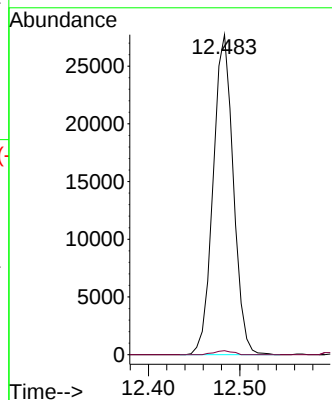
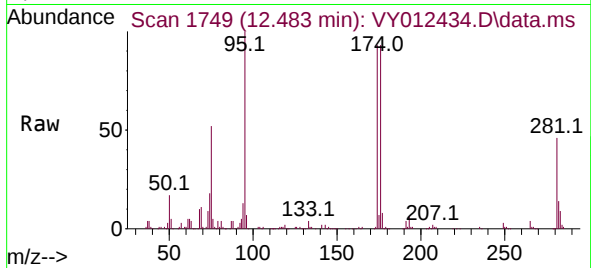




#76
1,2,3-Trichloropropane
Concen: 40.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBL01

Tgt Ion: 75 Resp: 42624
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012434.D
Acq: 01 Feb 2023 11:56

Tgt Ion: 75 Resp: 42624
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.5 37.0 55.4#

