

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019179.D
 Acq On : 21 Aug 2024 19:07
 Operator : SY/MD
 Sample : P3643-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:17:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

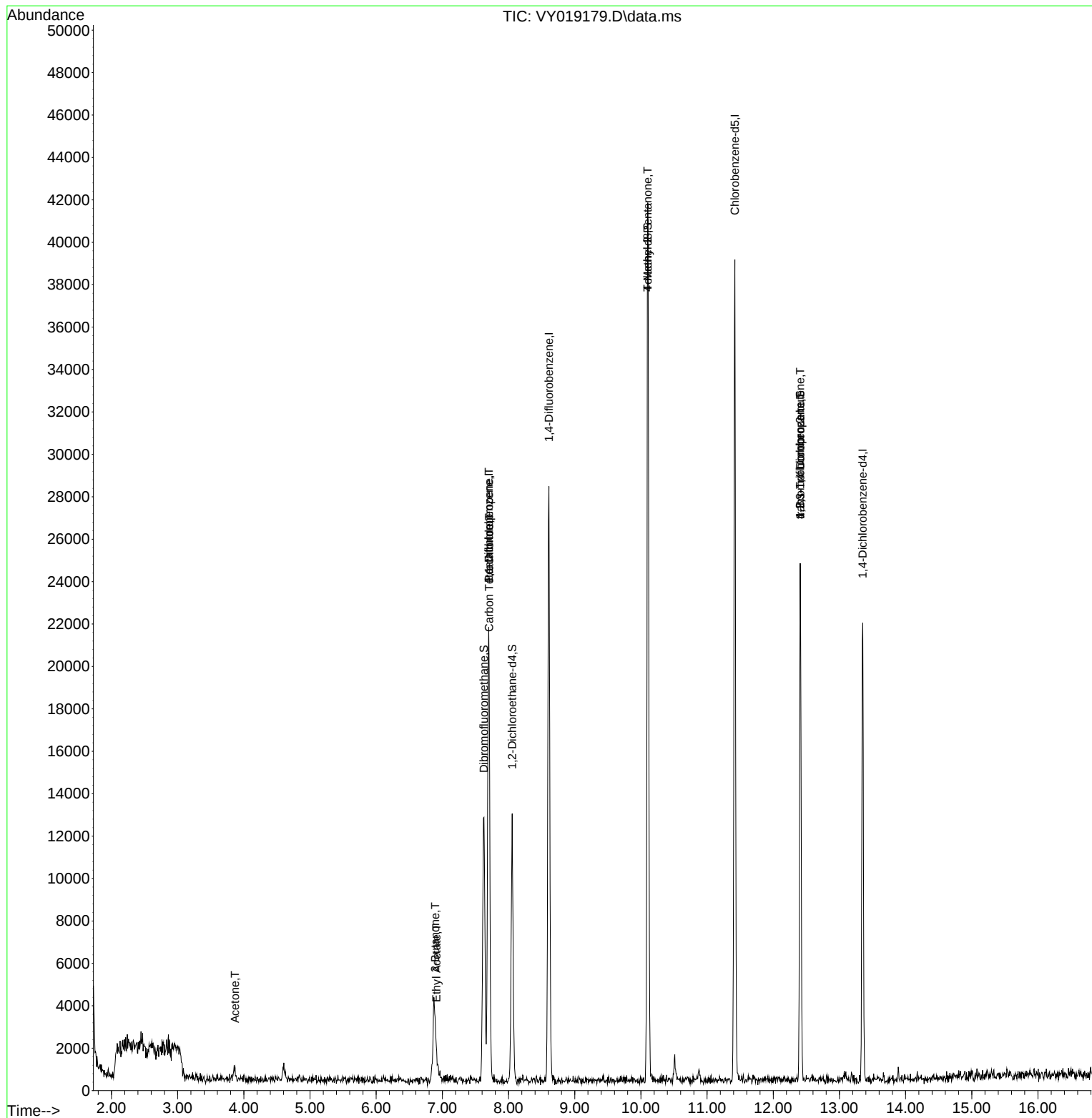
Internal Standards						
1) Pentafluorobenzene	7.701	168	16538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	24865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	21220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	5869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	8889	53.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.628	113	9184	56.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.980%	
50) Toluene-d8	10.103	98	27659	47.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.408	95	7215	36.174	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 72.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	304	Below Cal	#	46
11) Tert butyl alcohol	4.836	59	157	Below Cal	#	88
16) Acetone	3.866	43	809	26.314	ug/l #	74
20) Methylene Chloride	4.610	84	538	Below Cal	#	70
25) 2-Butanone	6.890	43	244	4.928	ug/l #	41
31) Cyclohexane	7.683	56	228	Below Cal	#	25
36) 1,1-Dichloropropene	7.701	75	1369	6.132	ug/l #	47
37) Ethyl Acetate	6.908	43	119	1.203	ug/l #	67
38) Carbon Tetrachloride	7.707	117	1882	7.274	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	122	1.149	ug/l #	50
76) 1,2,3-Trichloropropane	12.408	75	3886	67.140	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	3886	165.814	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019179.D
Acq On : 21 Aug 2024 19:07
Operator : SY/MD
Sample : P3643-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 22 01:17:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

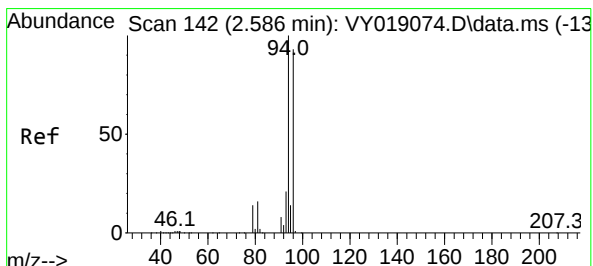
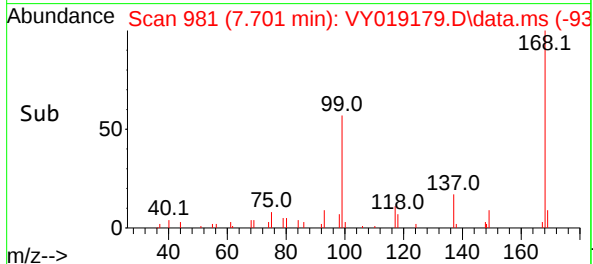
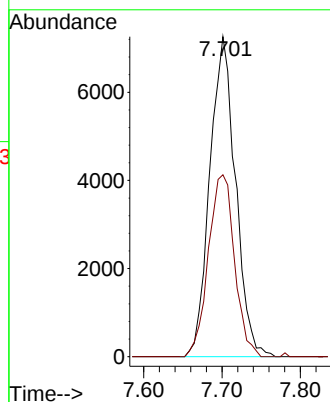
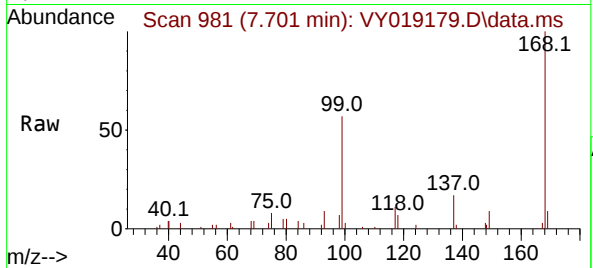




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

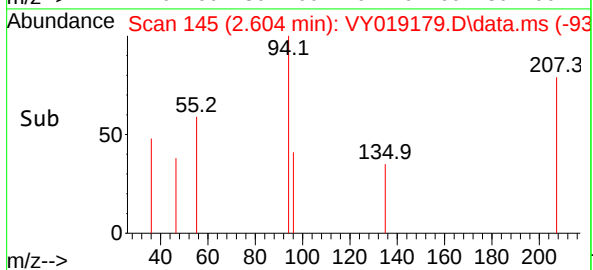
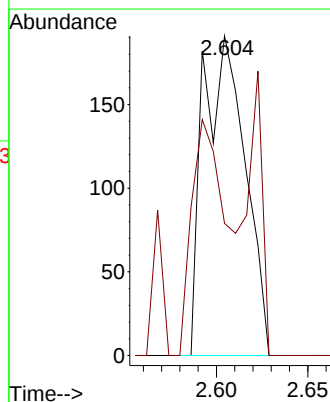
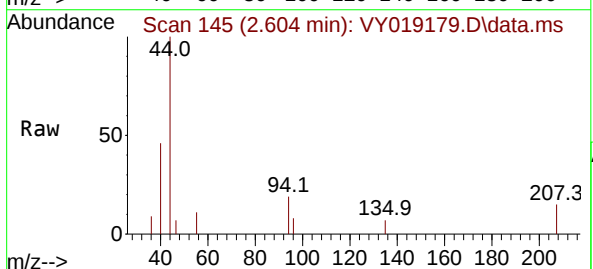
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 16538
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 41.4 74.1 111.1#

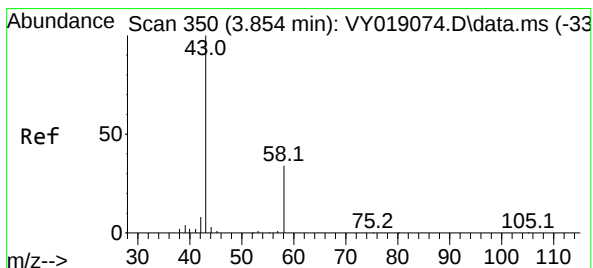
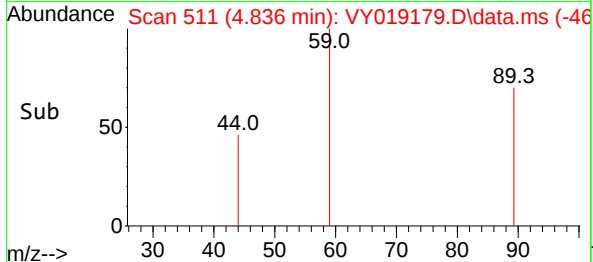
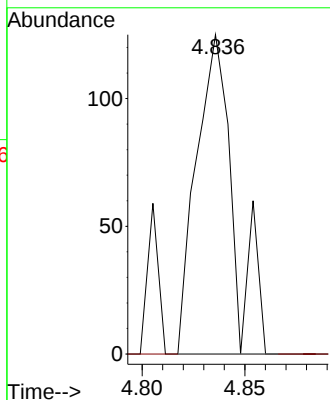
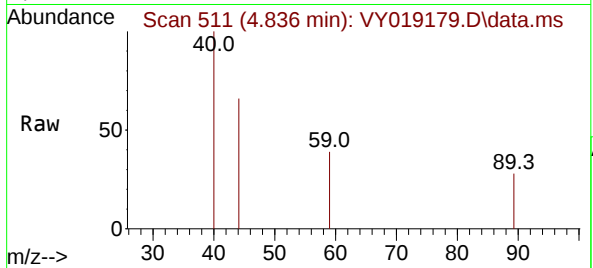




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

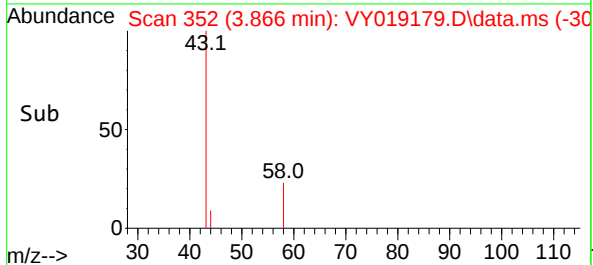
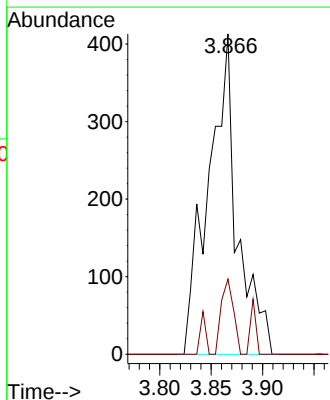
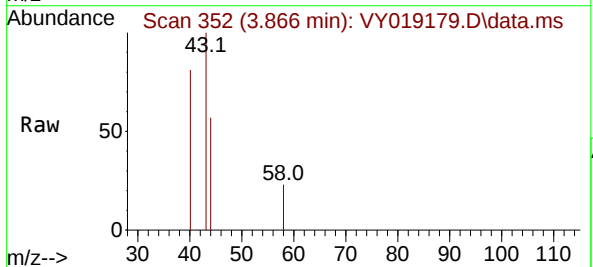
Instrument :
MSVOA_Y
ClientSampleId :

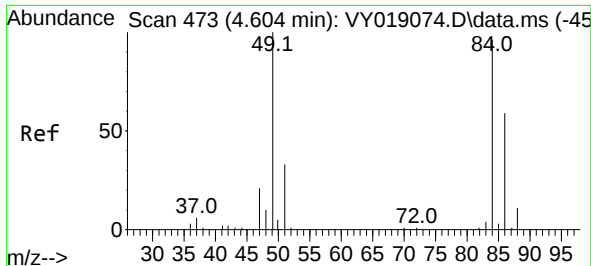
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 26.314 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

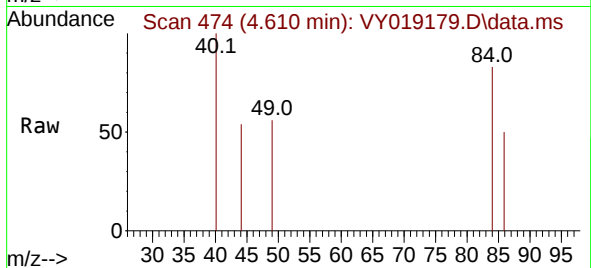
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 23.5 31.7 47.5#





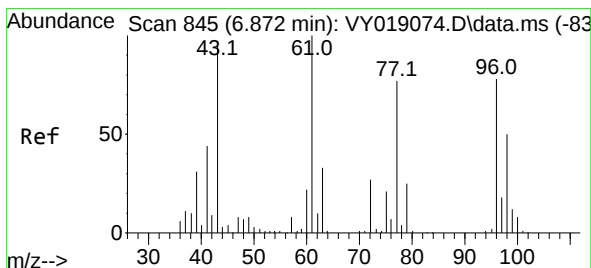
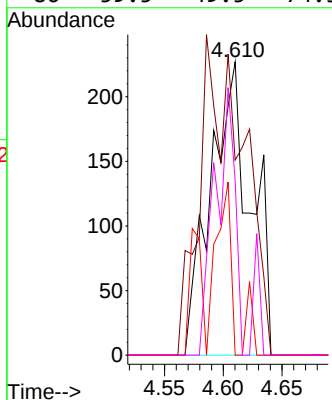
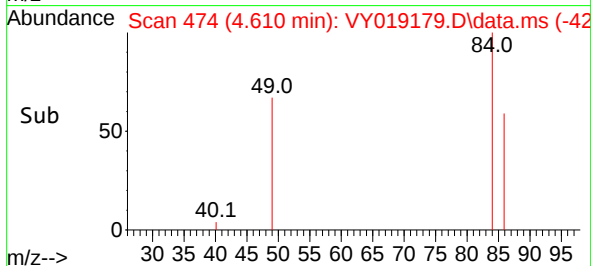
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 538

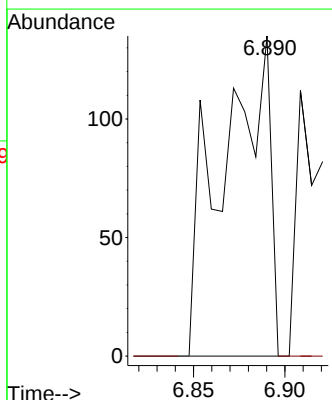
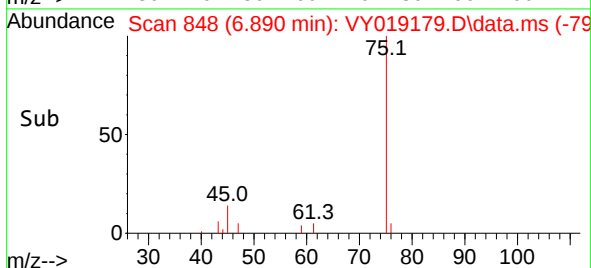
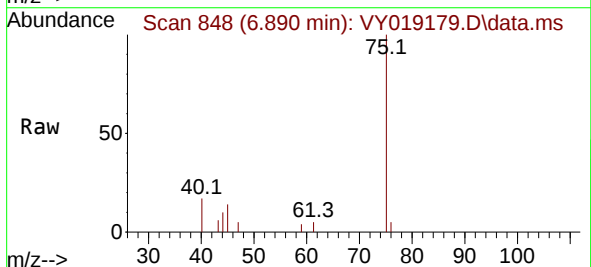
Ion	Ratio	Lower	Upper
84	100		
49	66.5	84.4	126.6#
51	0.0	26.0	39.0#
86	59.5	49.5	74.3

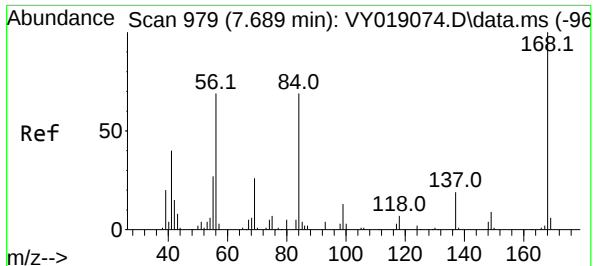


#25
2-Butanone
Concen: 4.928 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 43 Resp: 244

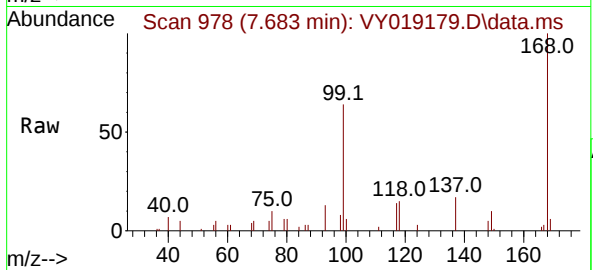
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



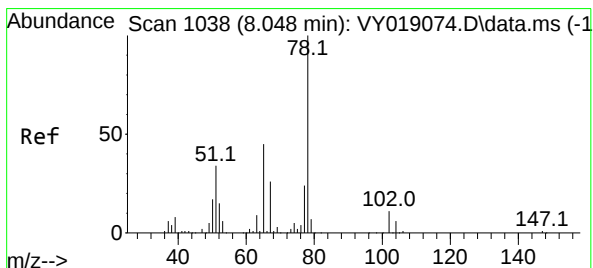
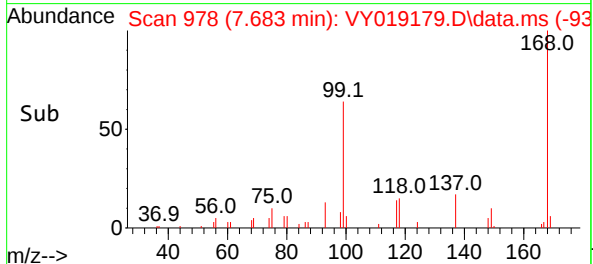
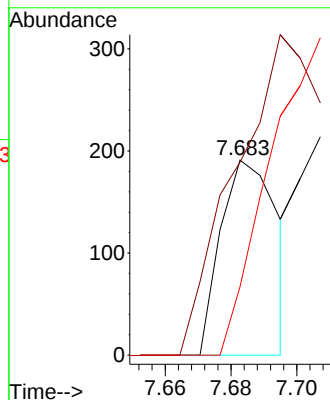


#31
Cyclohexane
Concen: Below Cal
RT: 7.683 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Instrument :
MSVOA_Y
ClientSampleId :

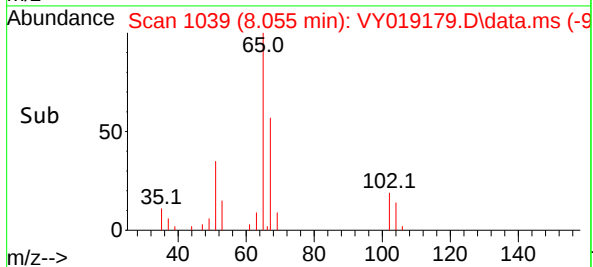
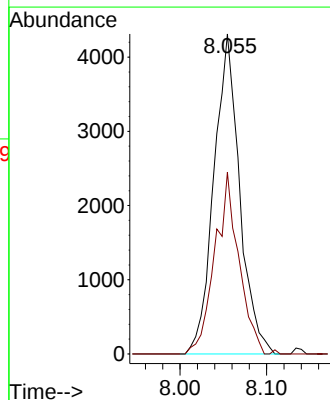
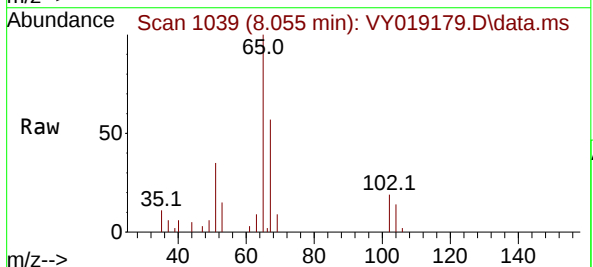


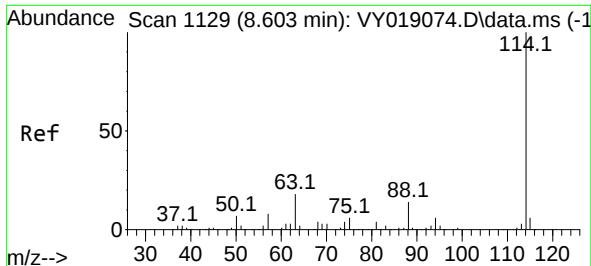
Tgt Ion: 56 Resp: 228
Ion Ratio Lower Upper
56 100
69 99.0 28.7 43.1#
84 35.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.619 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 65 Resp: 8889
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019179.D

Acq: 21 Aug 2024 19:07

Instrument :

MSVOA_Y

ClientSampleId :

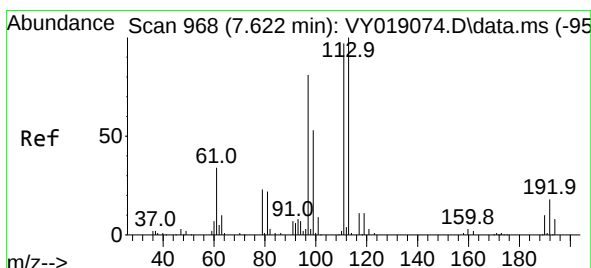
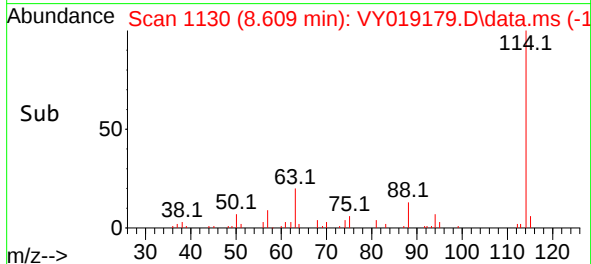
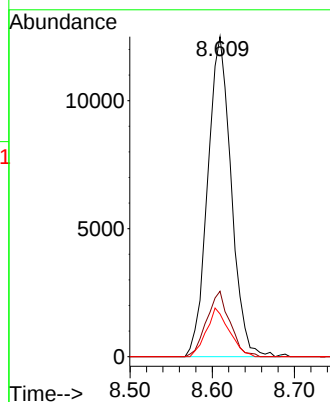
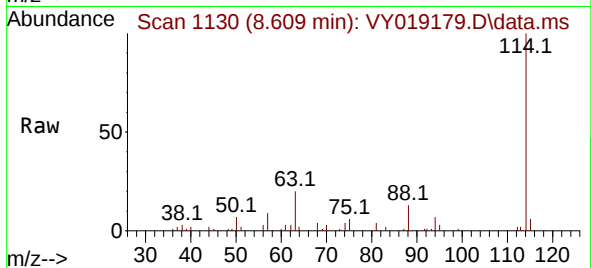
Tgt Ion:114 Resp: 24865

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.488 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019179.D

Acq: 21 Aug 2024 19:07

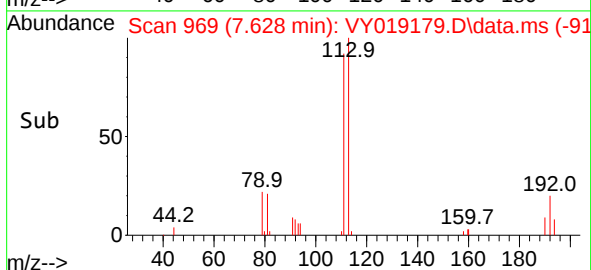
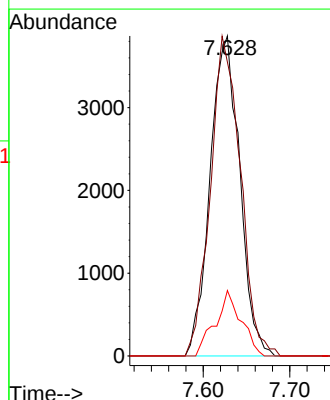
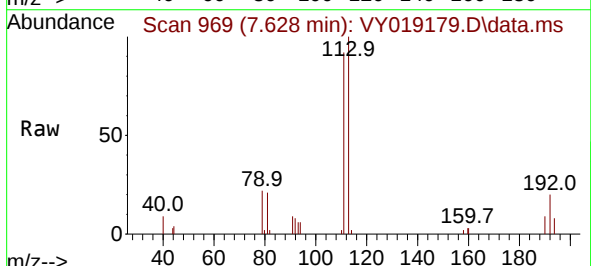
Tgt Ion:113 Resp: 9184

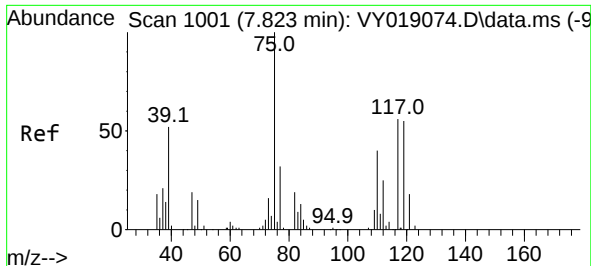
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.132 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

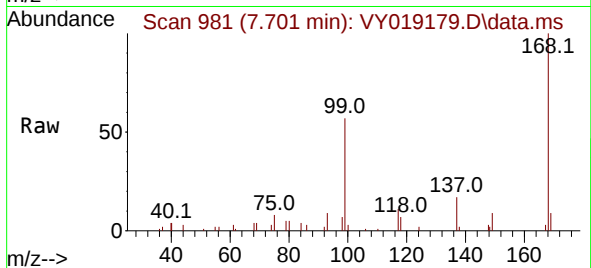
Lab File: VY019179.D

Acq: 21 Aug 2024 19:07

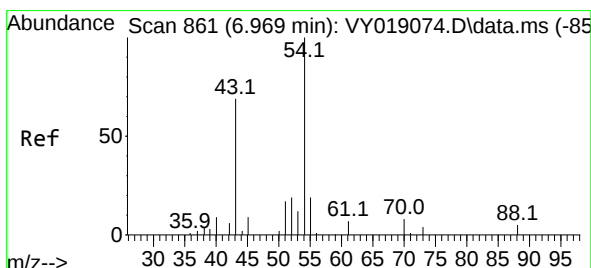
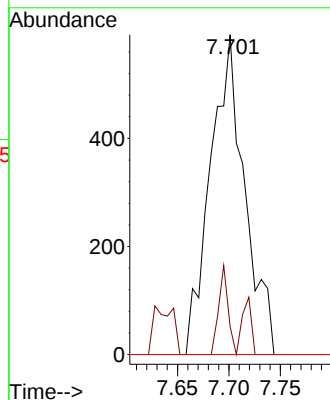
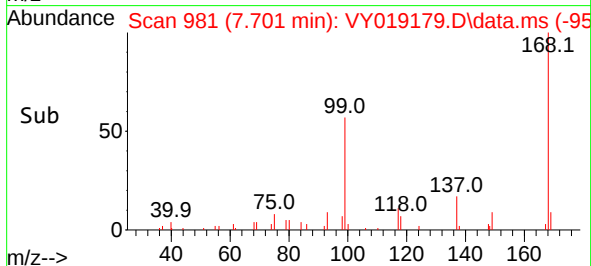
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 1369
Ion Ratio	Lower Upper
75 100	
110 7.7	19.0 57.0#
77 0.0	25.3 37.9#



#37

Ethyl Acetate

Concen: 1.203 ug/l

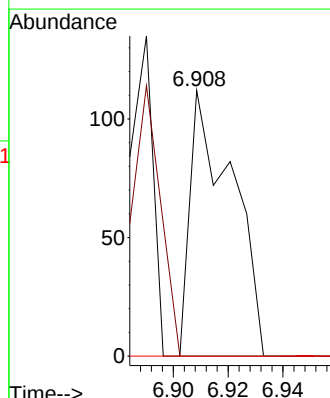
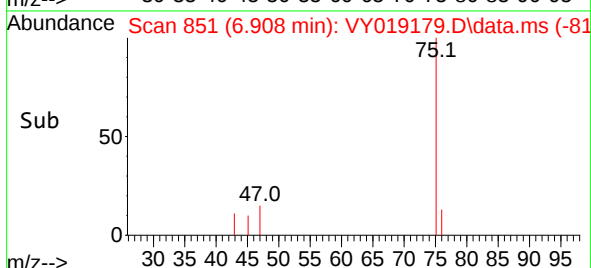
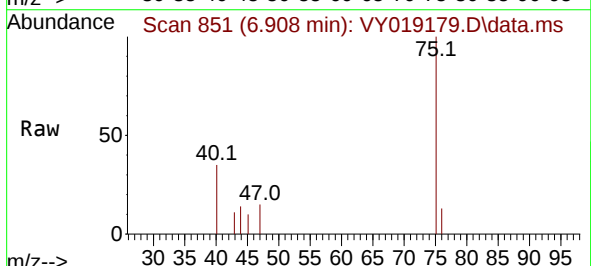
RT: 6.908 min Scan# 851

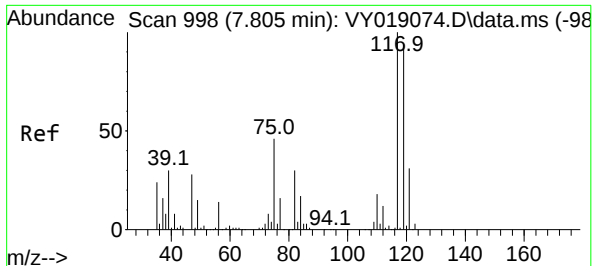
Delta R.T. -0.061 min

Lab File: VY019179.D

Acq: 21 Aug 2024 19:07

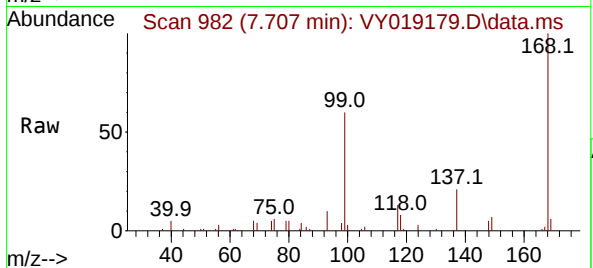
Tgt Ion: 43	Resp: 119
Ion Ratio	Lower Upper
43 100	
61 0.0	12.6 19.0#
70 0.0	7.8 11.8#



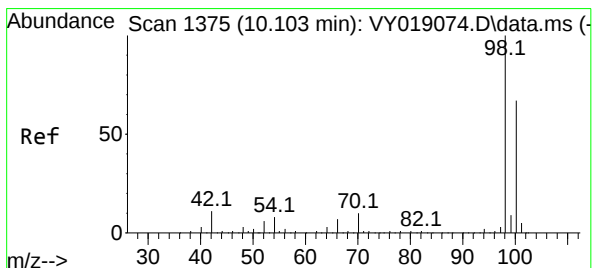
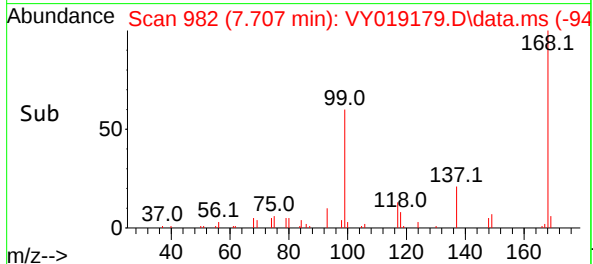
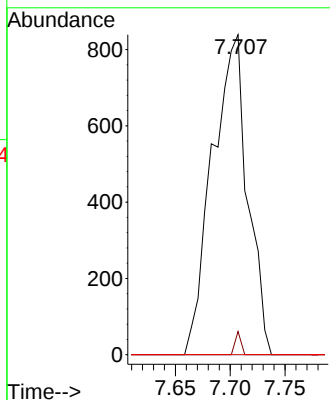


#38
Carbon Tetrachloride
Concen: 7.274 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Instrument :
MSVOA_Y
ClientSampleId :

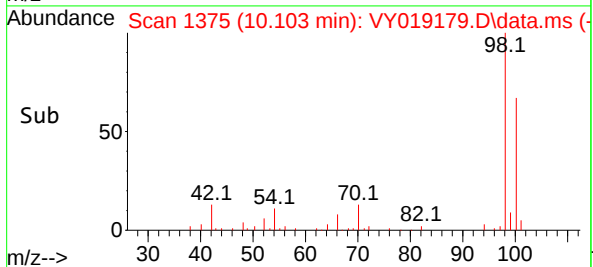
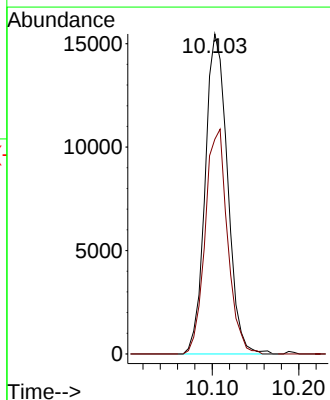
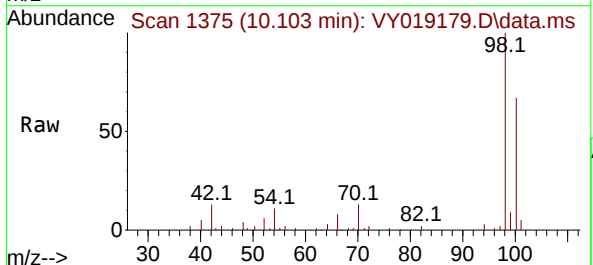


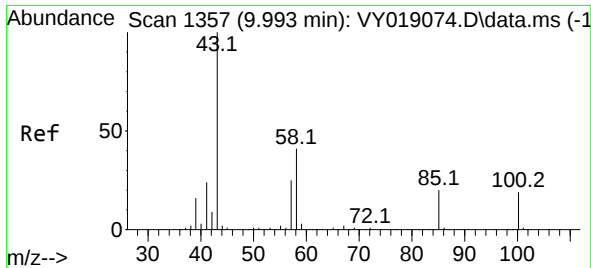
Tgt Ion:117 Resp: 1882
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.274 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 98 Resp: 27659
Ion Ratio Lower Upper
98 100
100 70.5 52.0 78.0

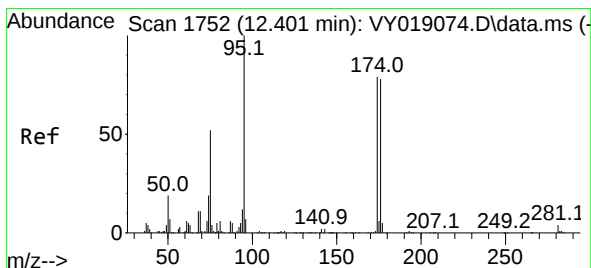
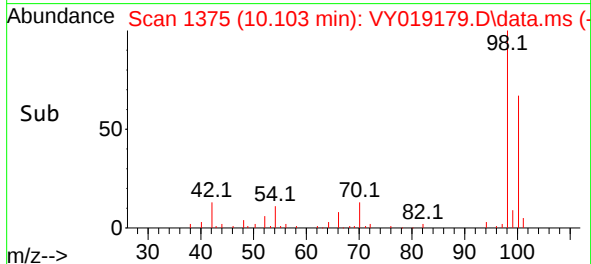
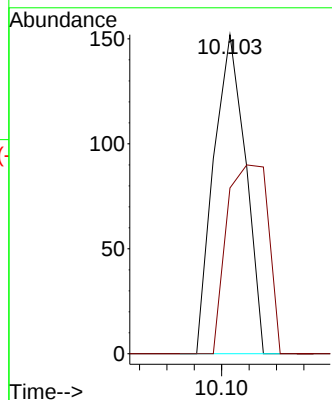
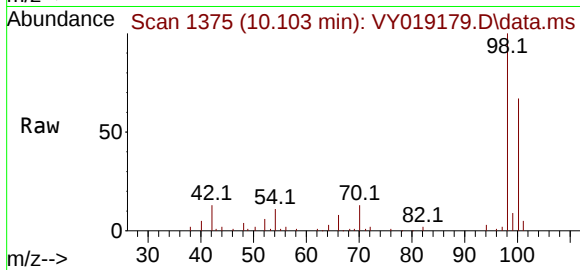




#51
4-Methyl-2-Pentanone
Concen: 1.149 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

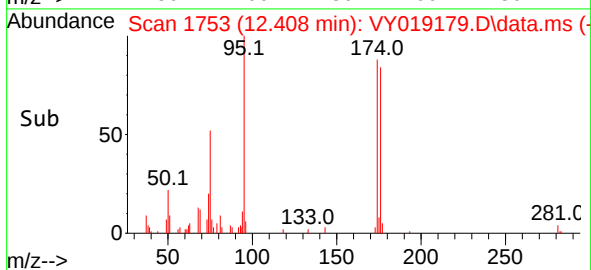
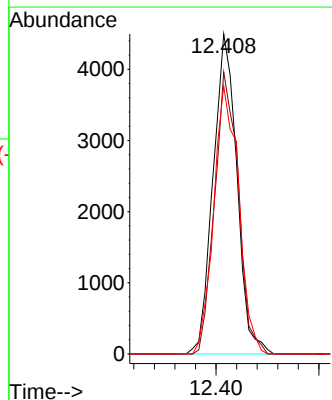
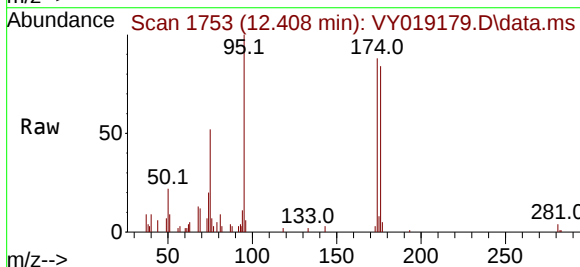
Instrument :
MSVOA_Y
ClientSampleId :

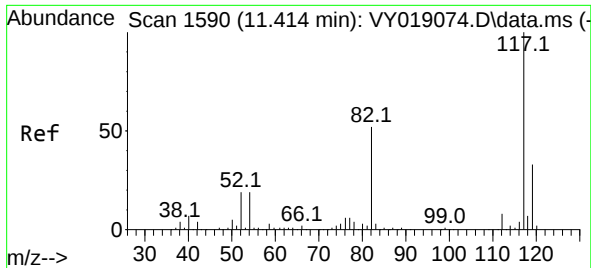
Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
58 77.0 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 36.174 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 95 Resp: 7215
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 88.1 0.0 171.4

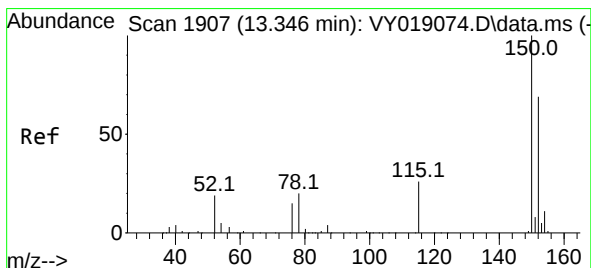
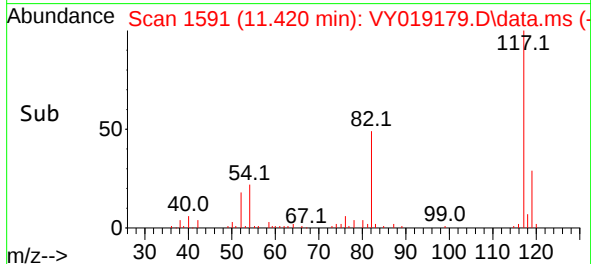
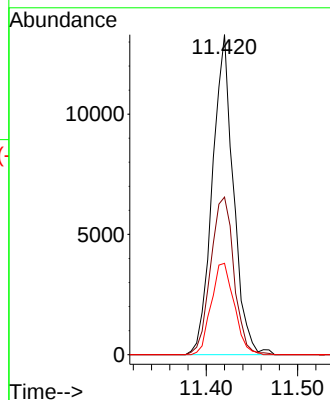
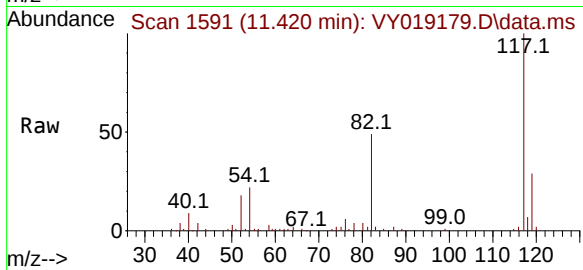




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

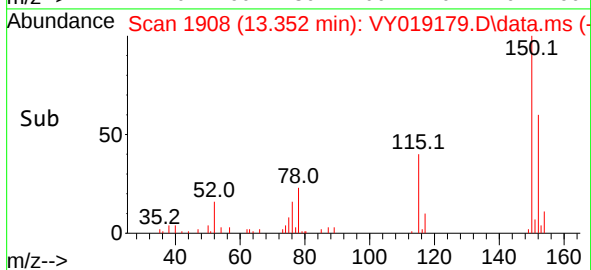
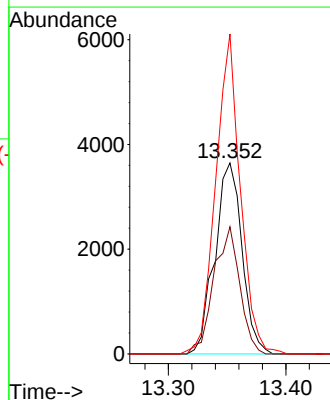
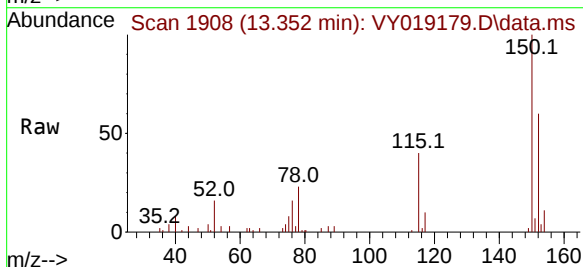
Instrument :
MSVOA_Y
ClientSampleId :

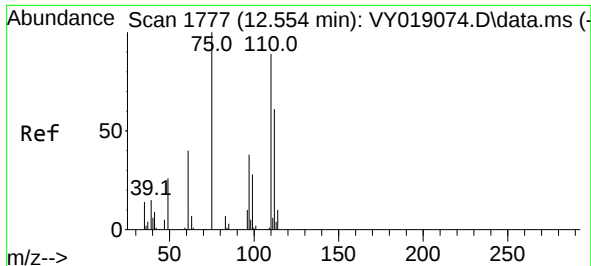
Tgt Ion:117 Resp: 21220
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 28.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion:152 Resp: 5869
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.7
150 151.3 0.0 345.6

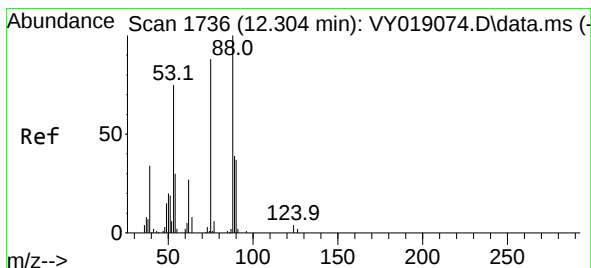
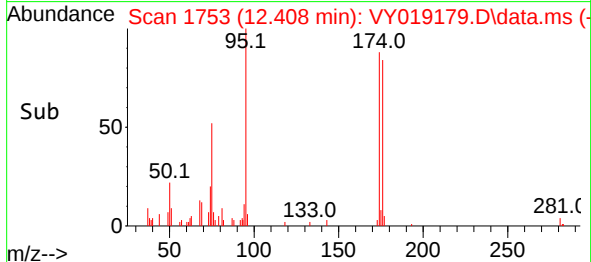
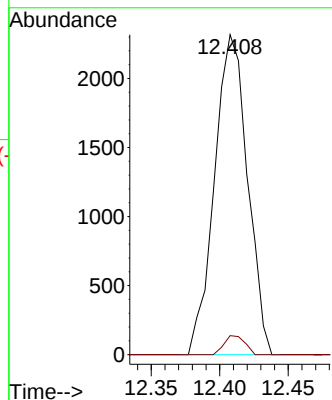
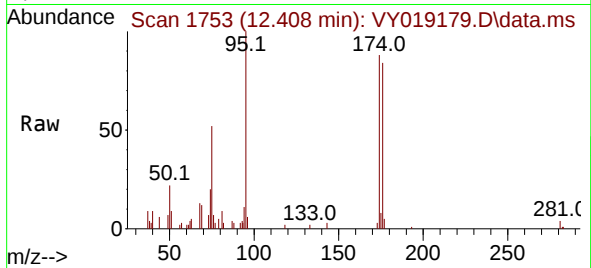




#76
1,2,3-Trichloropropane
Concen: 67.140 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3886
Ion Ratio Lower Upper
75 100
77 3.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 165.814 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019179.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 75 Resp: 3886
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

