

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019161.D
 Acq On : 20 Aug 2024 19:17
 Operator : SY/MD
 Sample : P3643-14
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

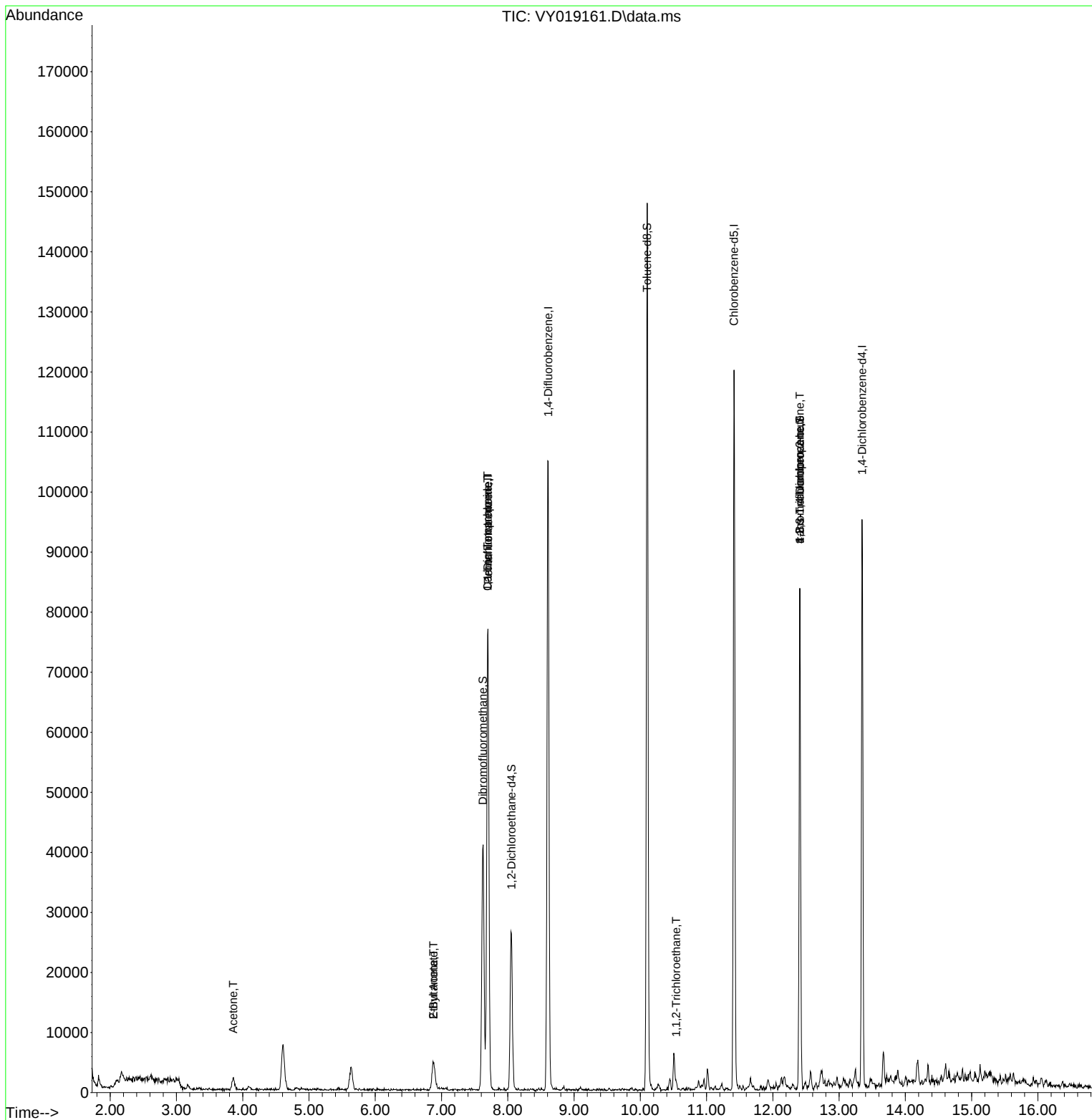
Quant Time: Aug 21 01:34:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	60410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	93776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	23773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	21139	34.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.820%		
35) Dibromofluoromethane	7.622	113	28940	47.198	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.400%		
50) Toluene-d8	10.103	98	93249	42.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.520%		
62) 4-Bromofluorobenzene	12.408	95	23847	31.702	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	63.400%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.599	94	218	Below Cal	#	71
11) Tert butyl alcohol	4.799	59	147	Below Cal	#	88
16) Acetone	3.854	43	3437	30.605	ug/l	92
20) Methylene Chloride	4.610	84	5173	Below Cal	#	87
25) 2-Butanone	6.878	43	1019	5.634	ug/l	# 41
31) Cyclohexane	7.695	56	1384	Below Cal	#	25
36) 1,1-Dichloropropene	7.695	75	4531	5.381	ug/l	# 48
37) Ethyl Acetate	6.878	43	1019	2.732	ug/l	# 80
38) Carbon Tetrachloride	7.695	117	6218	6.372	ug/l	# 15
55) 1,1,2-Trichloroethane	10.542	97	527	1.097	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	12843	54.780	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	12843	135.289	ug/l	# 16

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

Quant Time: Aug 21 01:34:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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QLast Update : Fri Aug 16 05:10:30 2024
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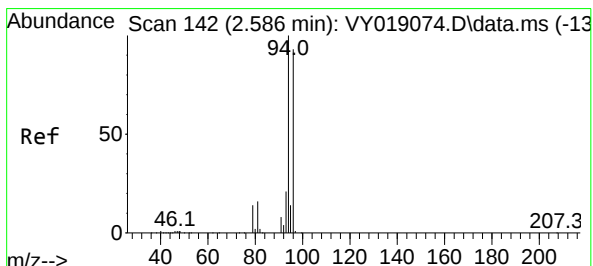
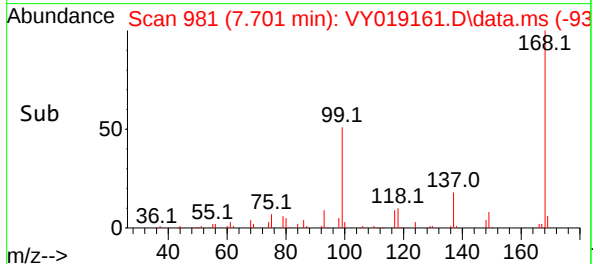
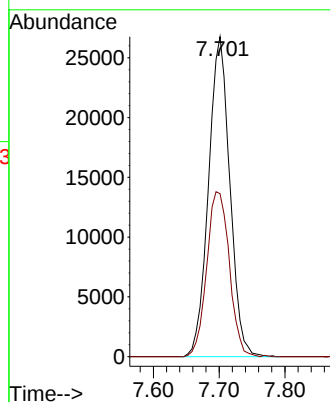
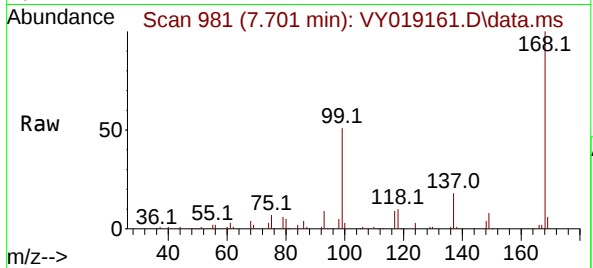




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

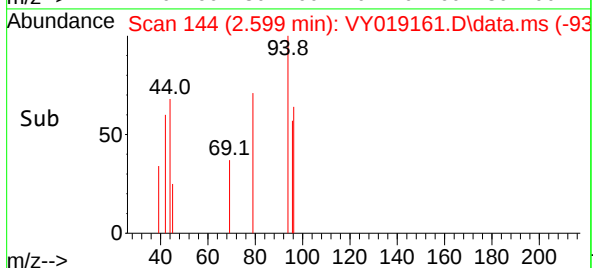
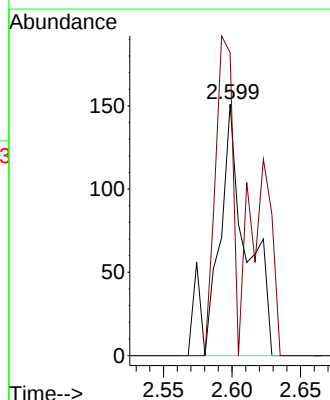
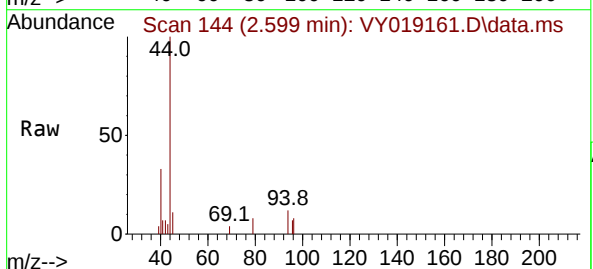
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 60410
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 120.5 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.799 min Scan# 50

Delta R.T. -0.043 min

Lab File: VY019161.D

Acq: 20 Aug 2024 19:17

Instrument :

MSVOA_Y

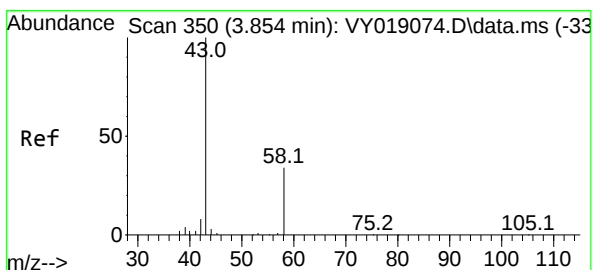
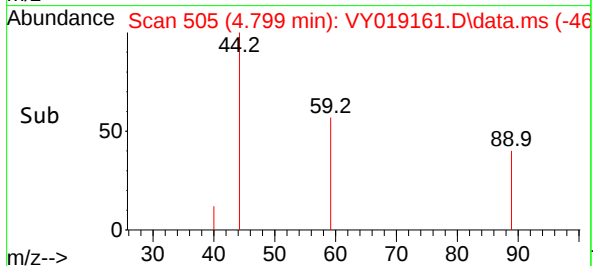
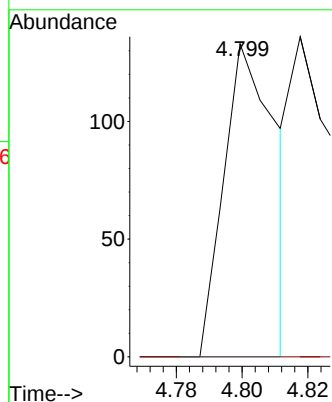
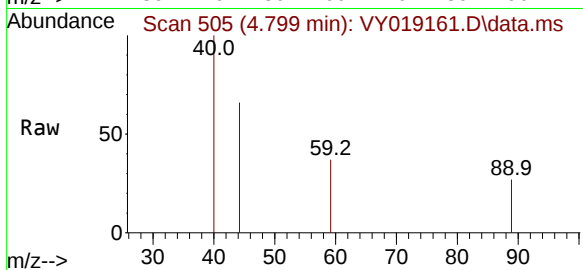
ClientSampleId :

Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 30.605 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019161.D

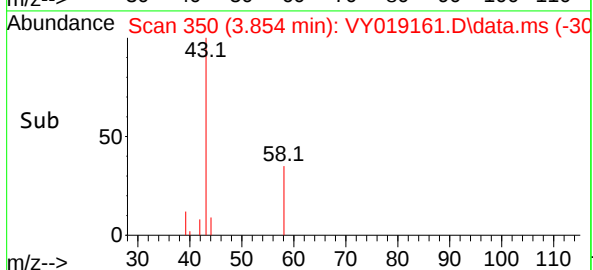
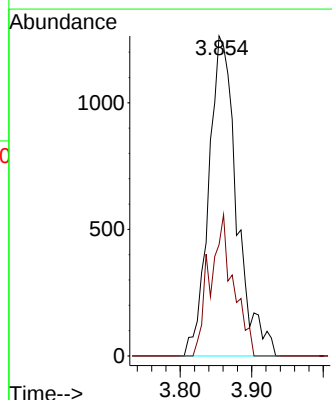
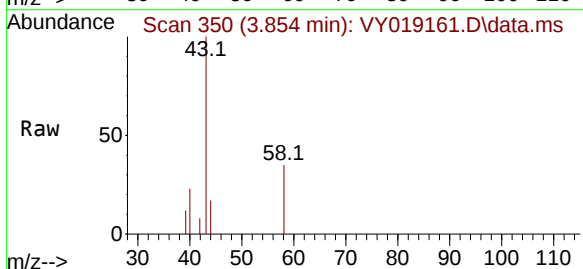
Acq: 20 Aug 2024 19:17

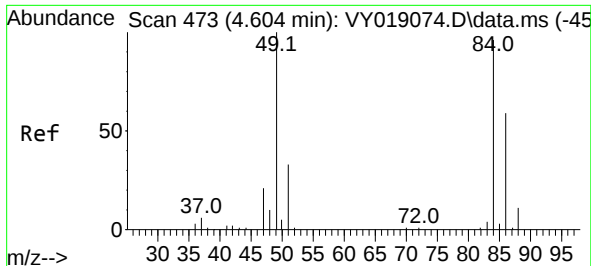
Tgt Ion: 43 Resp: 3437

Ion Ratio Lower Upper

43 100

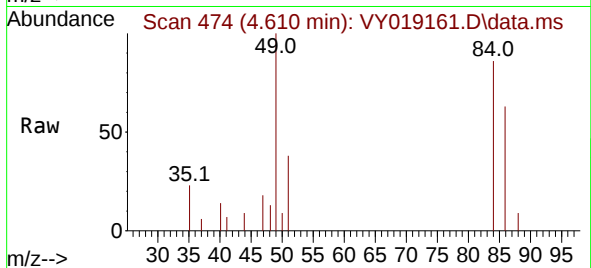
58 34.8 31.7 47.5





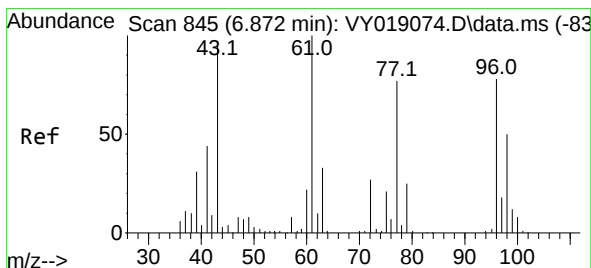
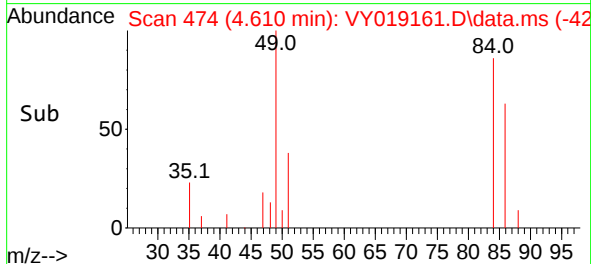
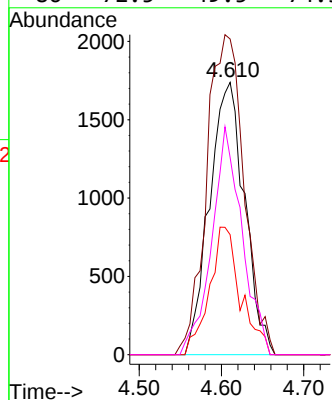
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5173

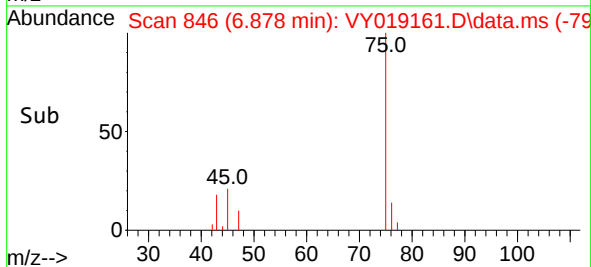
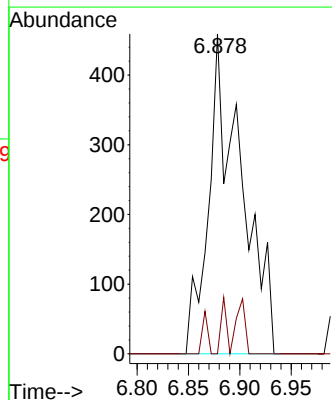
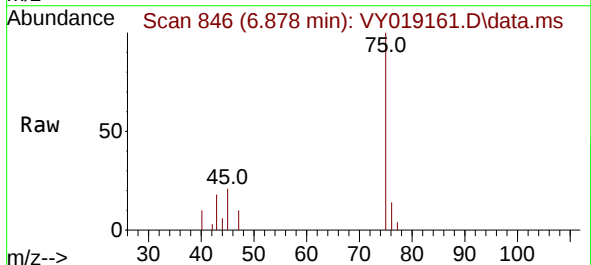
Ion	Ratio	Lower	Upper
84	100		
49	115.9	84.4	126.6
51	44.0	26.0	39.0#
86	72.5	49.5	74.3

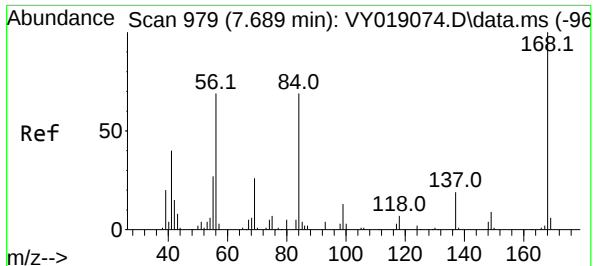


#25
2-Butanone
Concen: 5.634 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.007 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 43 Resp: 1019

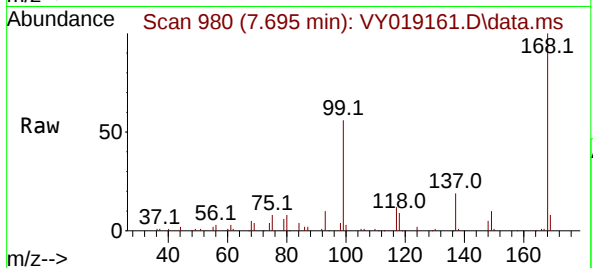
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



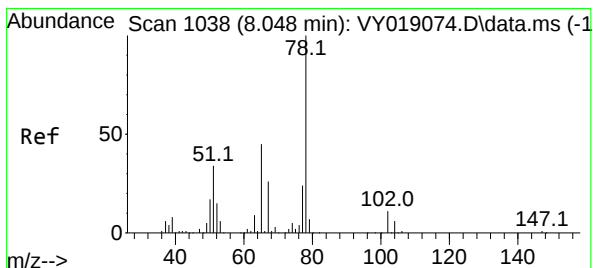
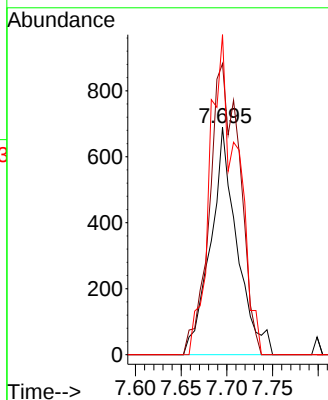
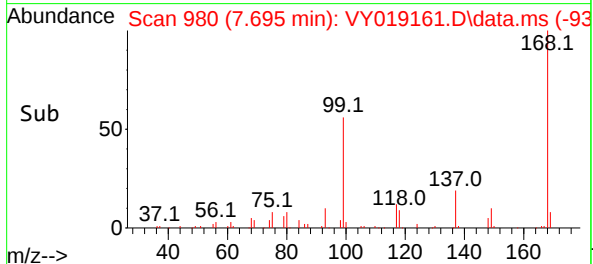


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

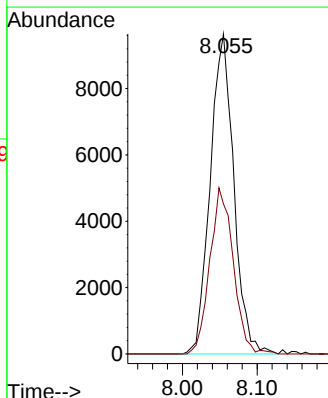
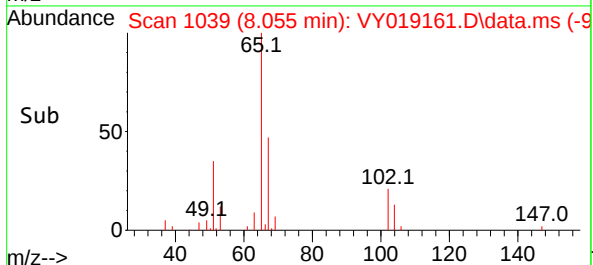
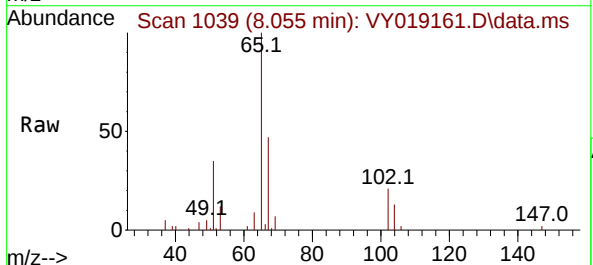


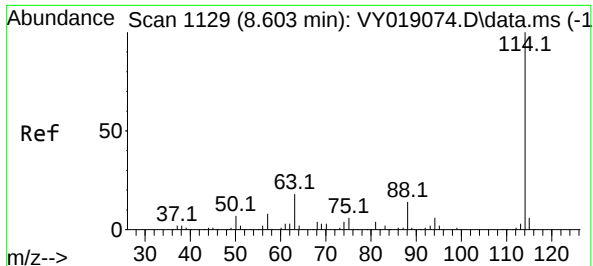
Tgt Ion: 56 Resp: 1384
Ion Ratio Lower Upper
56 100
69 128.0 28.7 43.1#
84 140.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 34.908 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 65 Resp: 21139
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY019161.D

Acq: 20 Aug 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

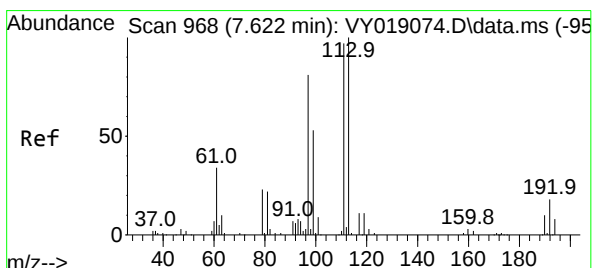
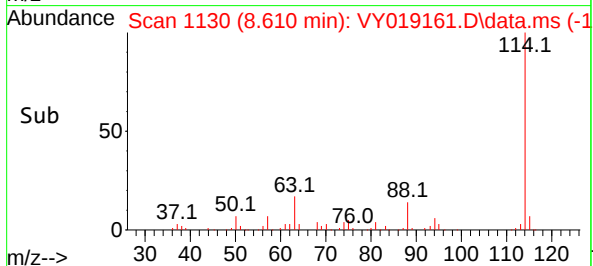
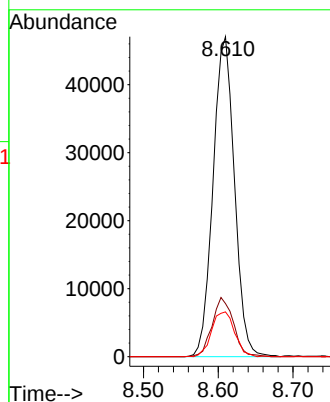
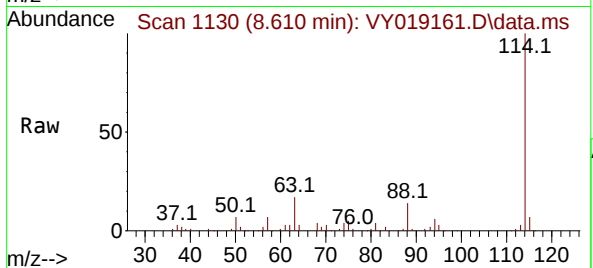
Tgt Ion:114 Resp: 93776

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.198 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019161.D

Acq: 20 Aug 2024 19:17

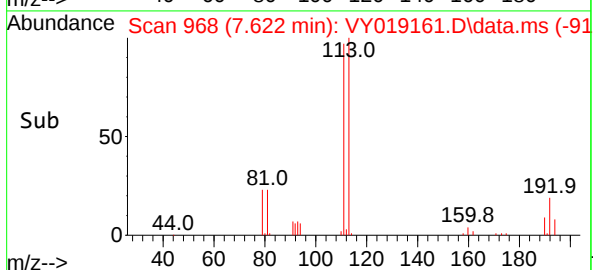
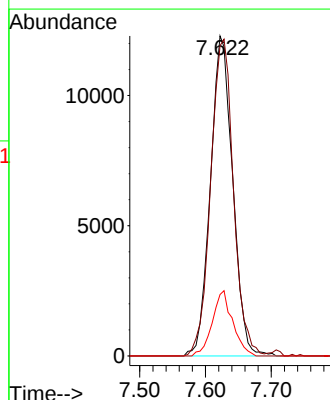
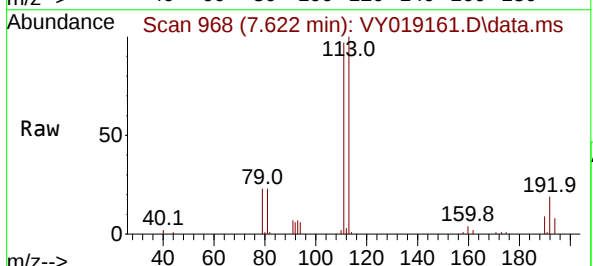
Tgt Ion:113 Resp: 28940

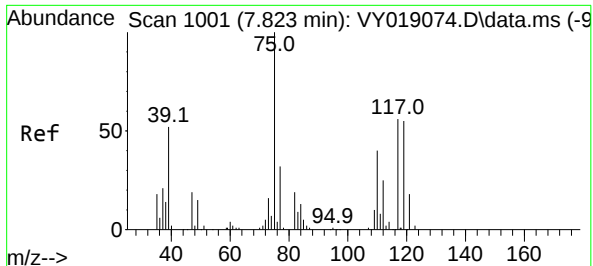
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

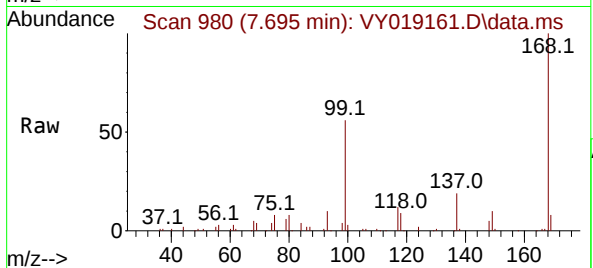
192 18.6 15.9 23.9



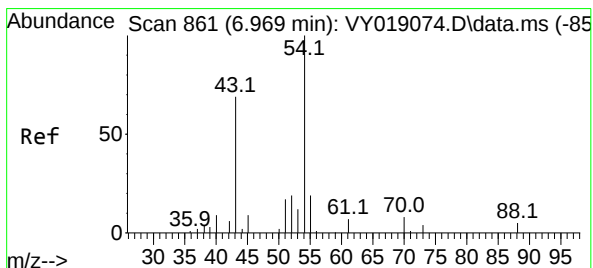
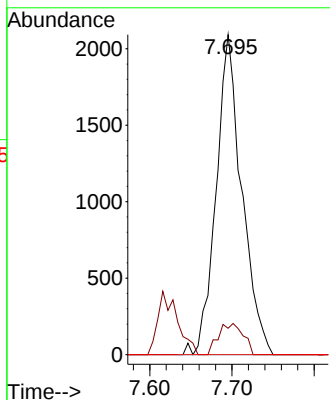
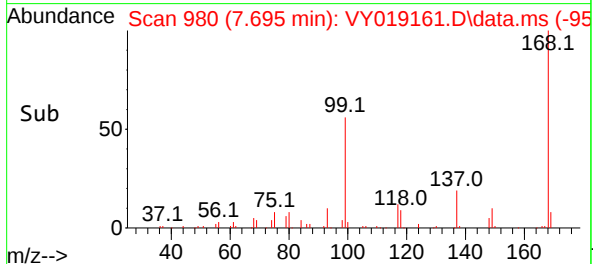


#36
1,1-Dichloropropene
Concen: 5.381 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

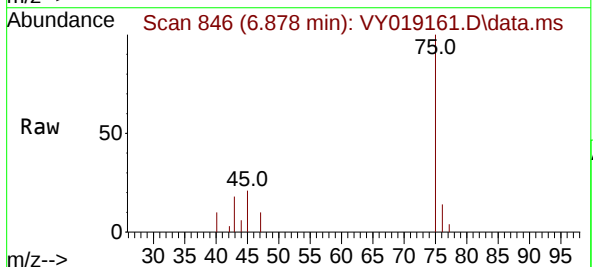
Instrument :
MSVOA_Y
ClientSampleId :



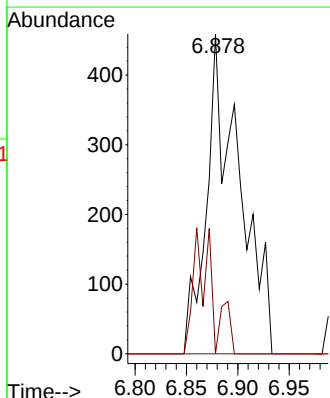
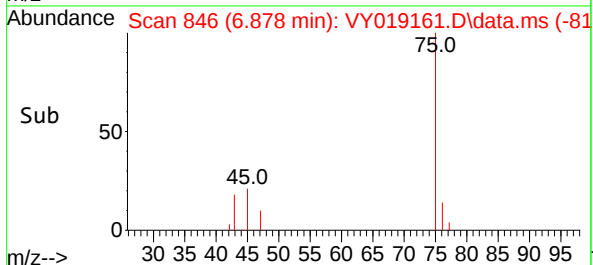
Tgt Ion: 75 Resp: 4531
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#

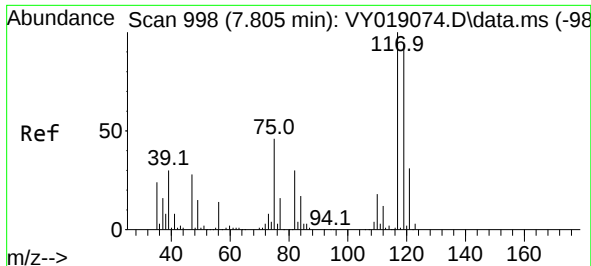


#37
Ethyl Acetate
Concen: 2.732 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17



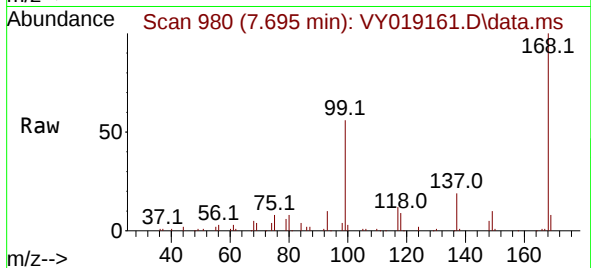
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
61 22.7 12.6 19.0#
70 0.0 7.8 11.8#



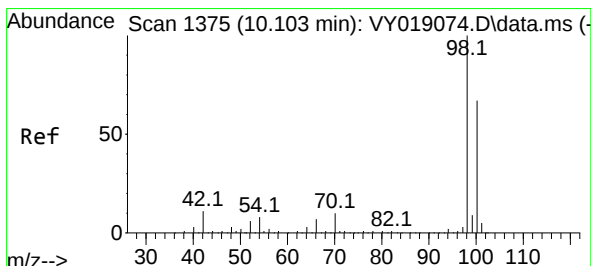
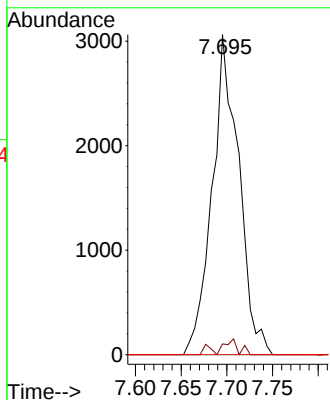
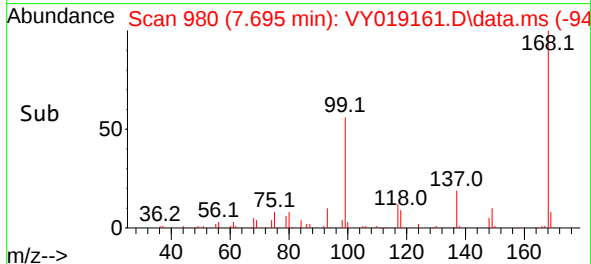


#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

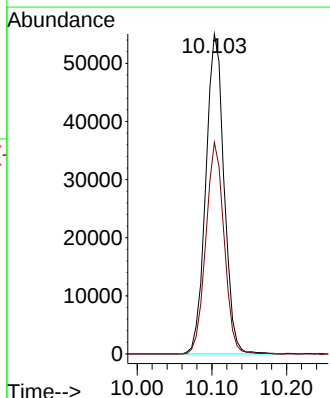
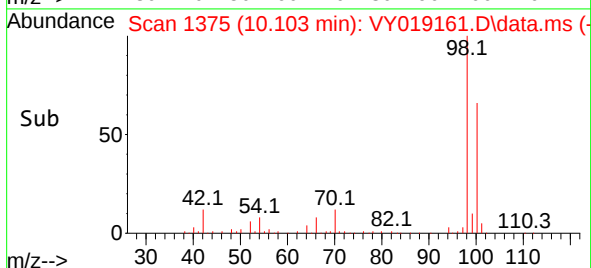
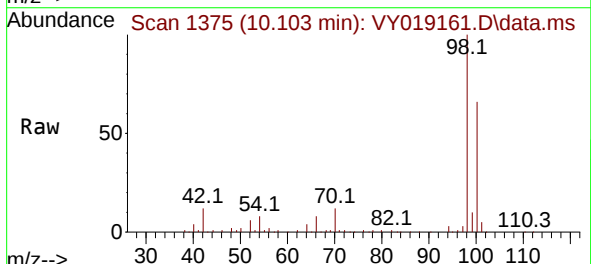


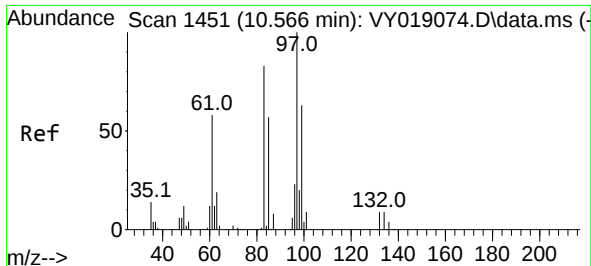
Tgt Ion:117 Resp: 6218
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 42.260 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

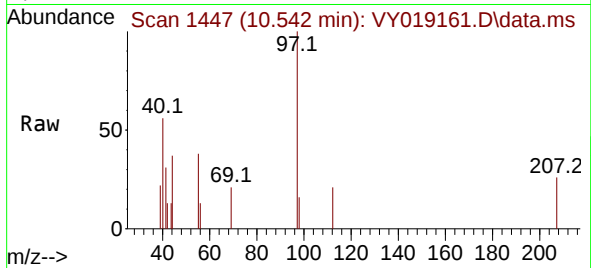
Tgt Ion: 98 Resp: 93249
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



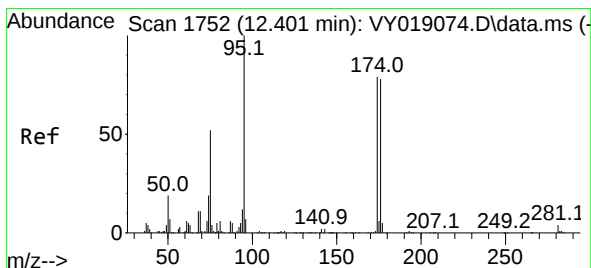
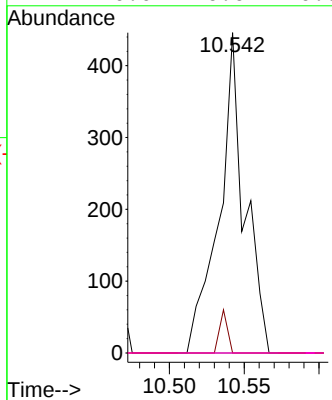
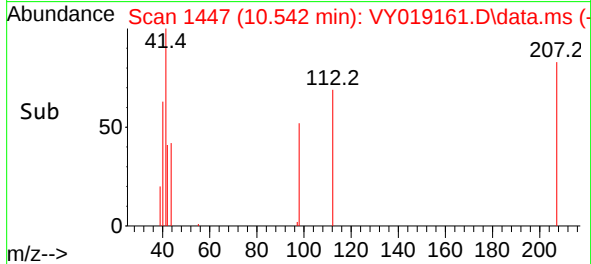


#55
1,1,2-Trichloroethane
Concen: 1.097 ug/l
RT: 10.542 min Scan# 1451
Delta R.T. -0.024 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

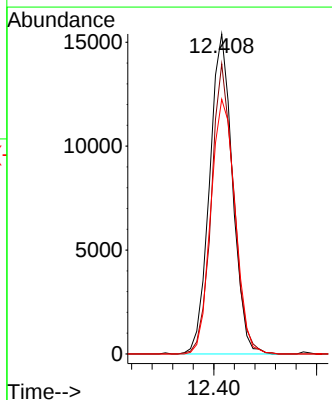
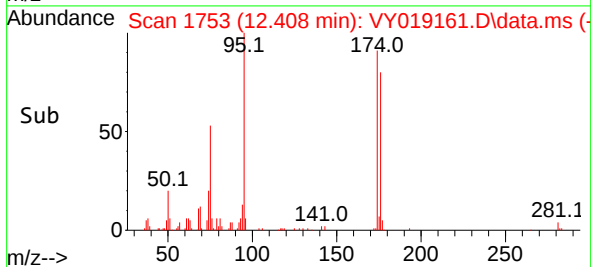
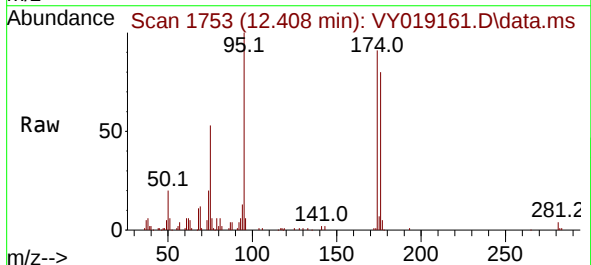


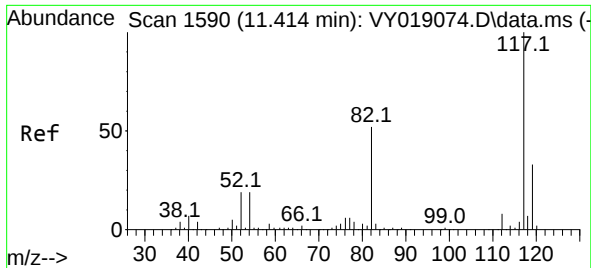
Tgt Ion: 97	Resp: 527
Ion Ratio	Lower Upper
97 100	
83 0.0	67.5 101.3#
85 0.0	42.9 64.3#
99 0.0	46.6 70.0#



#62
4-Bromofluorobenzene
Concen: 31.702 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 95	Resp: 23847
Ion Ratio	Lower Upper
95 100	
174 88.0	0.0 175.6
176 84.3	0.0 171.4

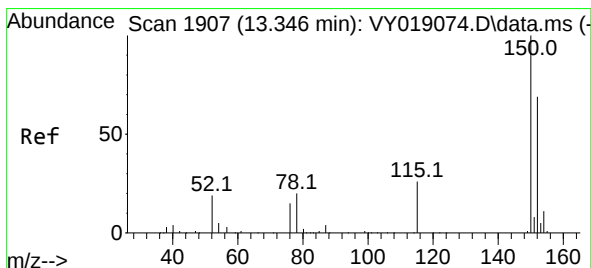
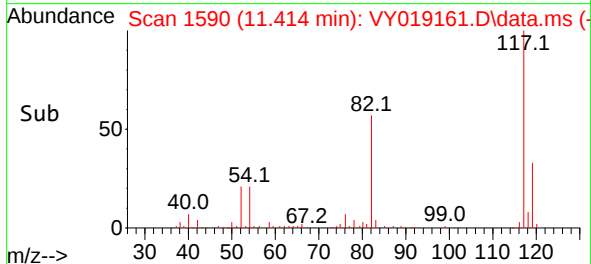
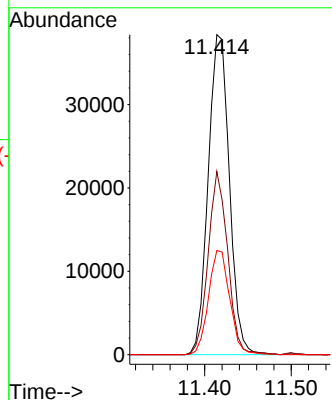
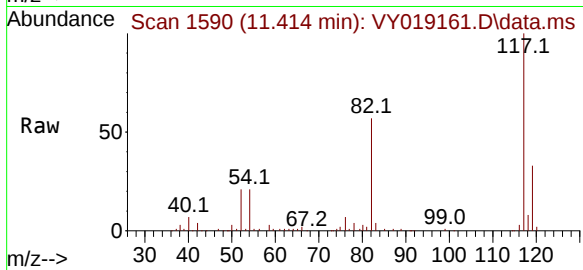




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

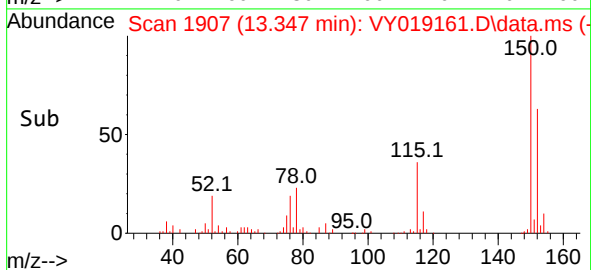
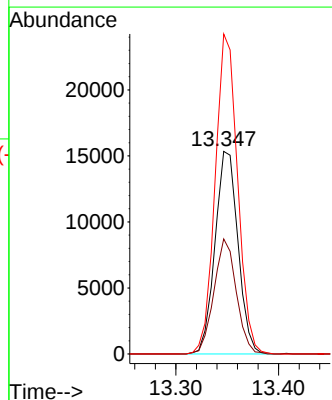
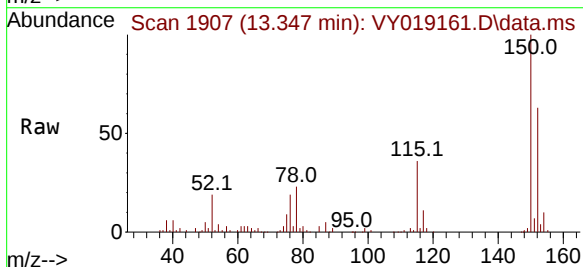
Instrument :
MSVOA_Y
ClientSampleId :

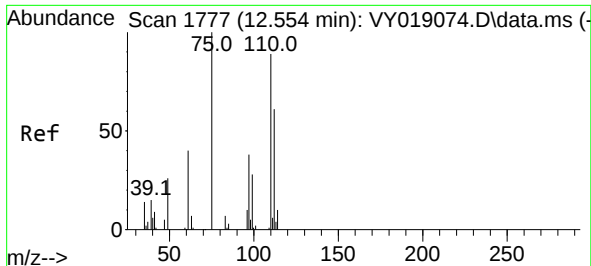
Tgt Ion:117 Resp: 65299
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion:152 Resp: 23773
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 154.1 0.0 345.6

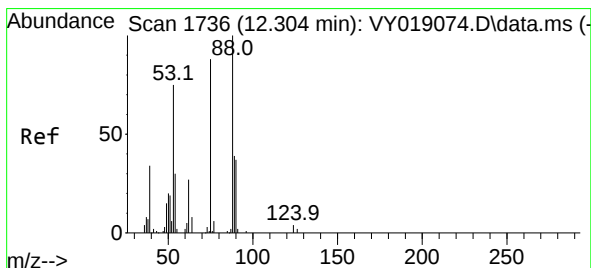
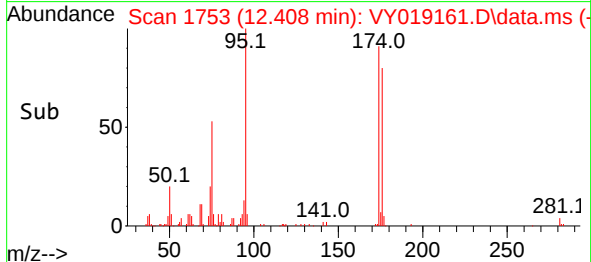
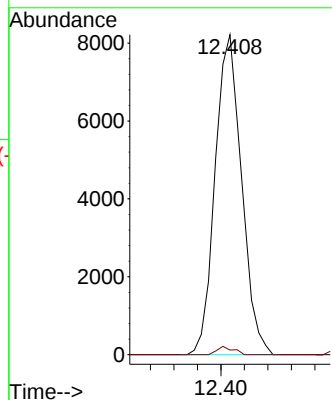
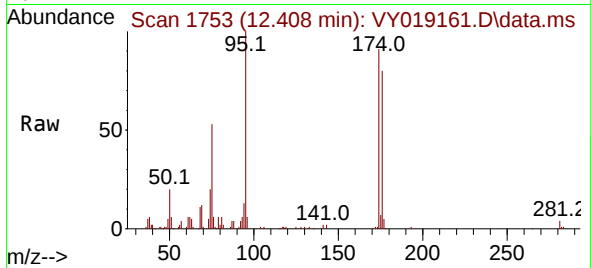




#76
1,2,3-Trichloropropane
Concen: 54.780 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12843
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.289 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 75 Resp: 12843
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.5 35.8 53.6#

