

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019337.D
 Acq On : 28 Aug 2024 18:07
 Operator : SY/MD
 Sample : P3767-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:37:20 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	23835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	36125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	24239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	9240	38.673	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.340%		
35) Dibromofluoromethane	7.622	113	10226	43.293	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.580%		
50) Toluene-d8	10.103	98	37001	43.529	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.060%		
62) 4-Bromofluorobenzene	12.402	95	7278	25.116	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	50.240%		
Target Compounds						
5) Bromomethane	2.605	94	422	Below Cal	Qvalue 84	
20) Methylene Chloride	4.592	84	418	Below Cal	# 81	
31) Cyclohexane	7.695	56	451	Below Cal	# 28	
36) 1,1-Dichloropropene	7.701	75	1761	5.429	ug/l # 40	
38) Carbon Tetrachloride	7.701	117	2534	6.741	ug/l # 18	
51) 4-Methyl-2-Pentanone	10.109	43	161	1.044	ug/l # 1	
76) 1,2,3-Trichloropropane	12.402	75	4461	68.914	ug/l # 100	
81) trans-1,4-Dichloro-2-b...	12.402	75	4461	170.194	ug/l # 16	

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

Quant Time: Aug 29 01:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

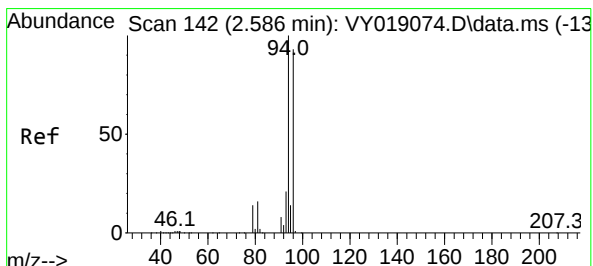
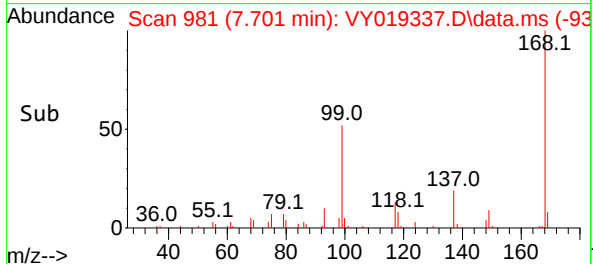
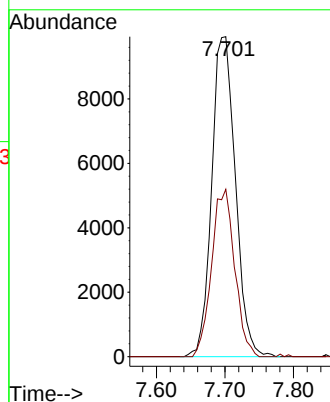
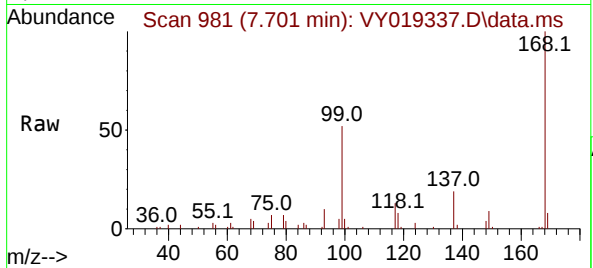




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

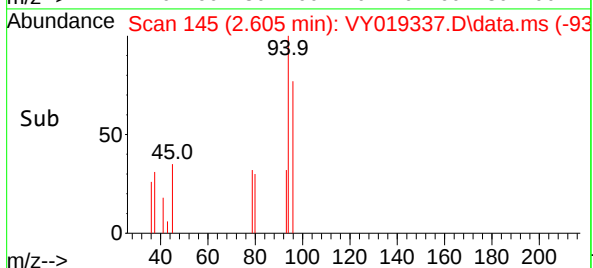
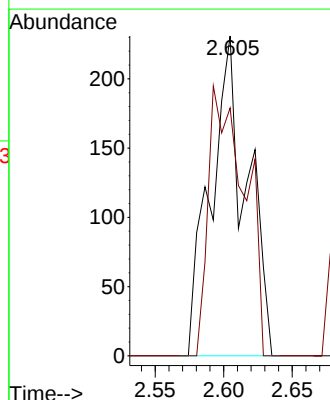
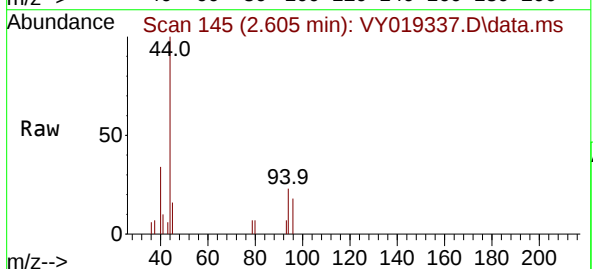
Instrument :
MSVOA_Y
ClientSampleId :

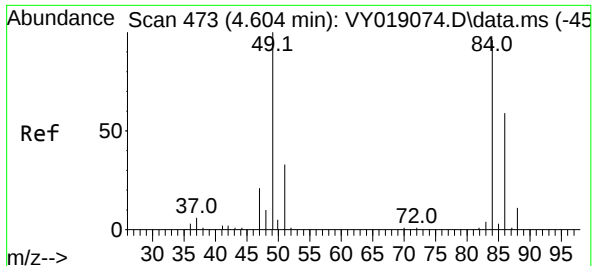
Tgt Ion:168 Resp: 23835
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

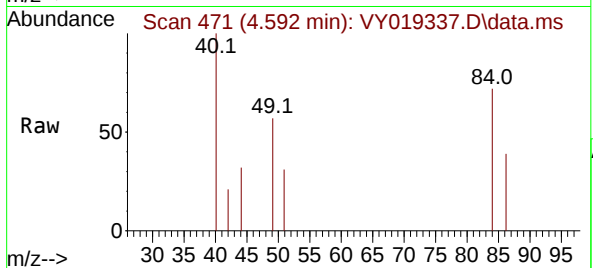
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 77.5 74.1 111.1





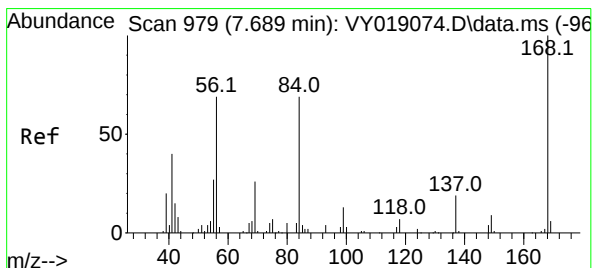
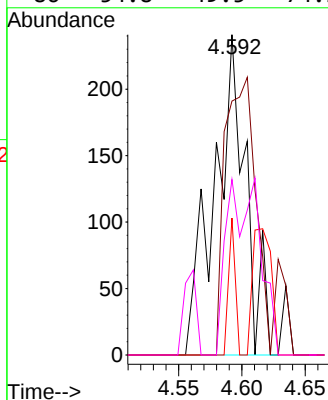
#20
Methylene Chloride
Concen: Below Cal
RT: 4.592 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 418

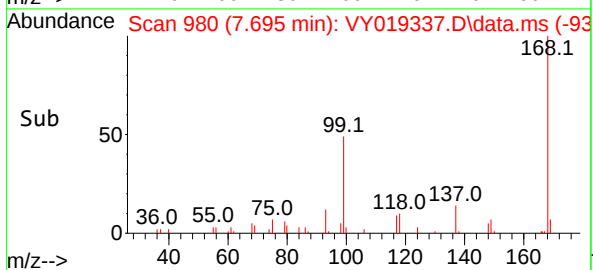
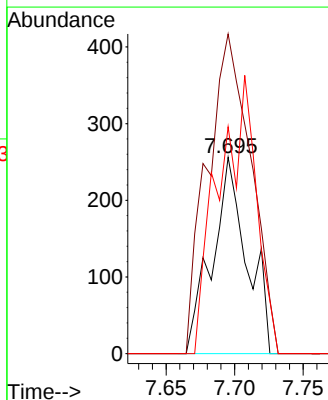
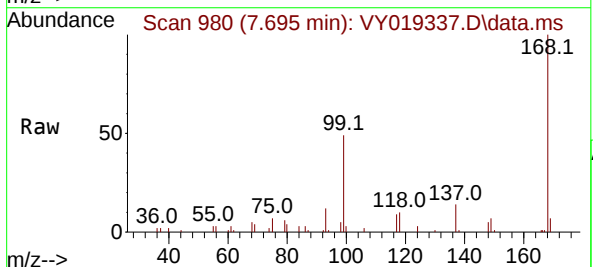
Ion	Ratio	Lower	Upper
84	100		
49	79.3	84.4	126.6#
51	42.7	26.0	39.0#
86	54.8	49.5	74.3

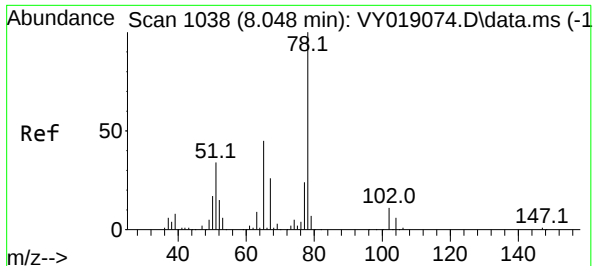


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Tgt Ion: 56 Resp: 451

Ion	Ratio	Lower	Upper
56	100		
69	162.9	28.7	43.1#
84	115.6	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 38.673 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

Instrument :

MSVOA_Y

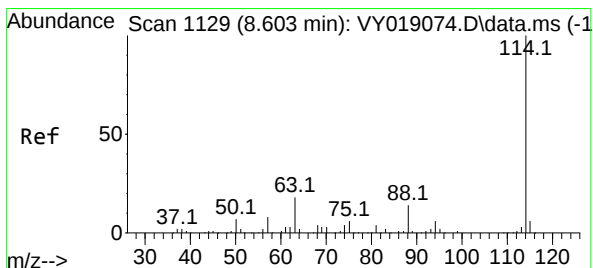
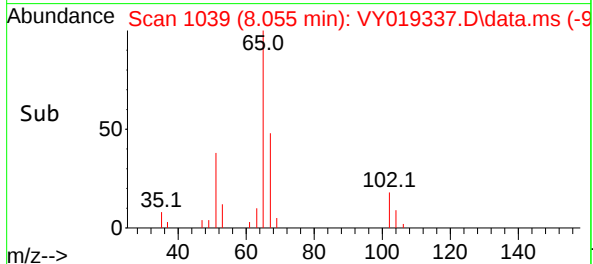
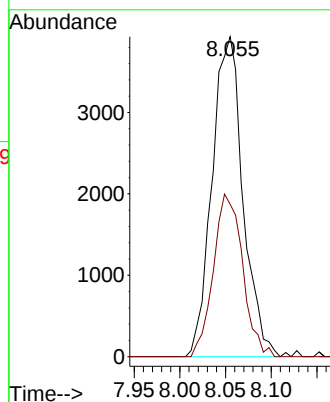
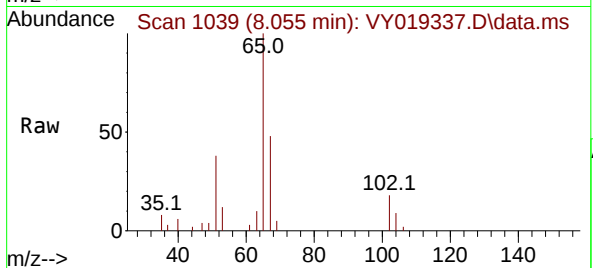
ClientSampleId :

Tgt Ion: 65 Resp: 9240

Ion Ratio Lower Upper

65 100

67 48.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

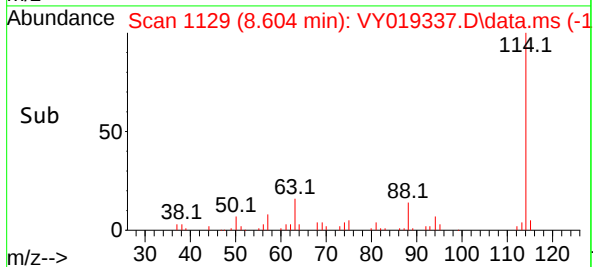
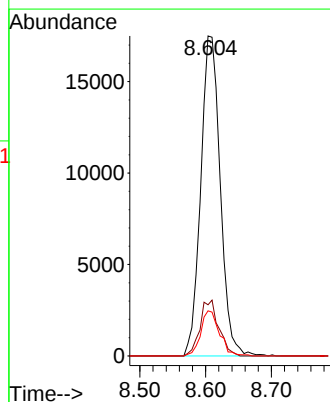
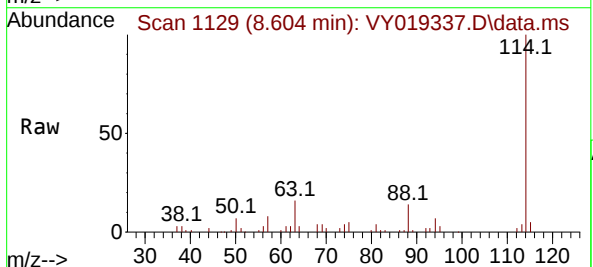
Tgt Ion: 114 Resp: 36125

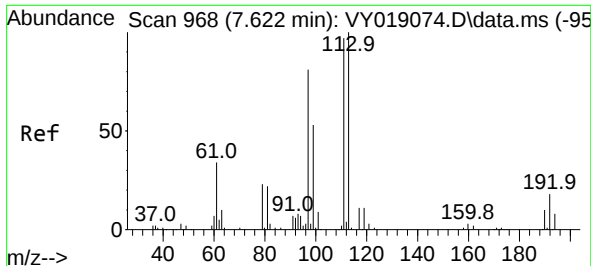
Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 14.1 0.0 27.2

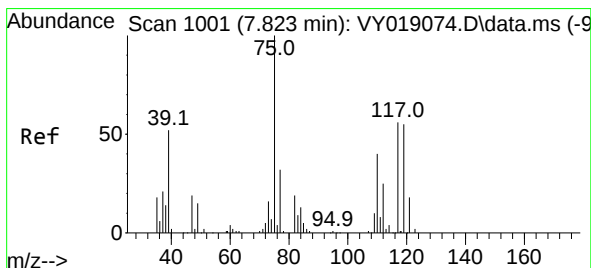
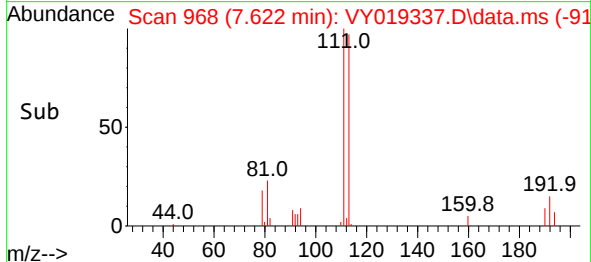
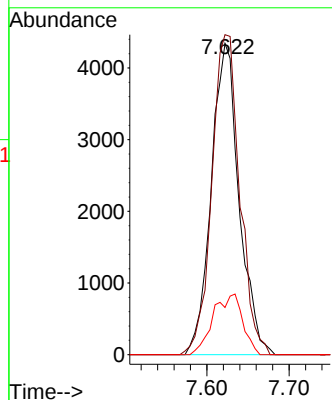
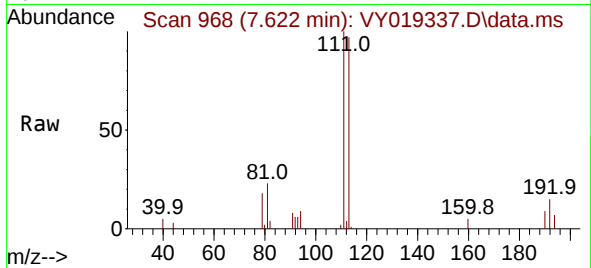




#35
Dibromofluoromethane
Concen: 43.293 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

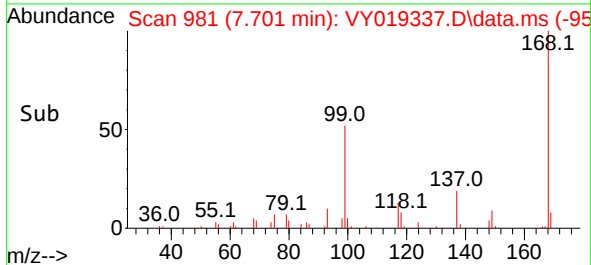
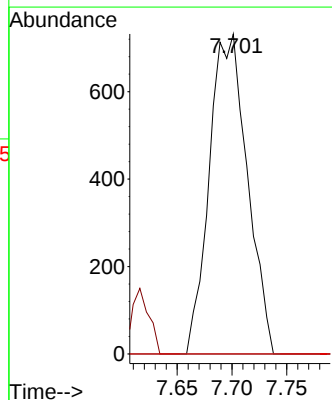
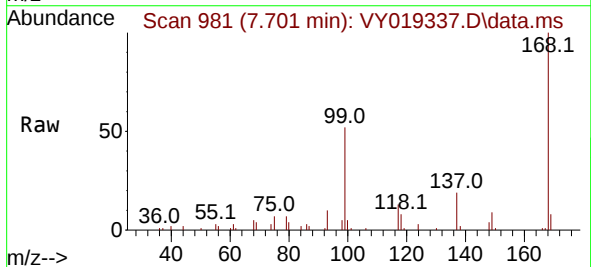
Instrument :
MSVOA_Y
ClientSampleId :

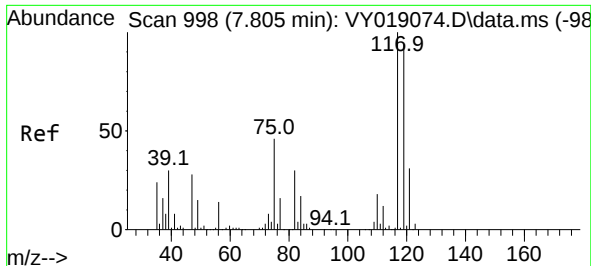
Tgt Ion:113 Resp: 10226
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.429 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

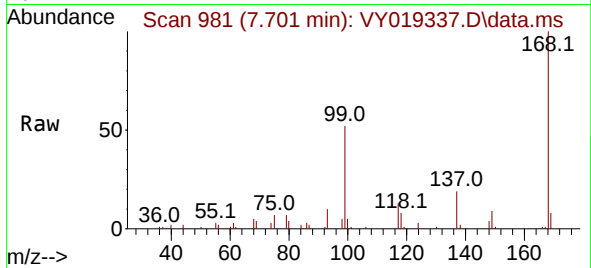
Tgt Ion: 75 Resp: 1761
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



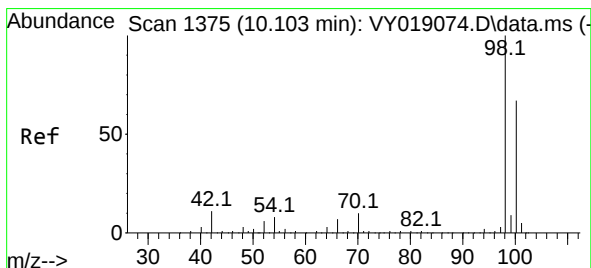
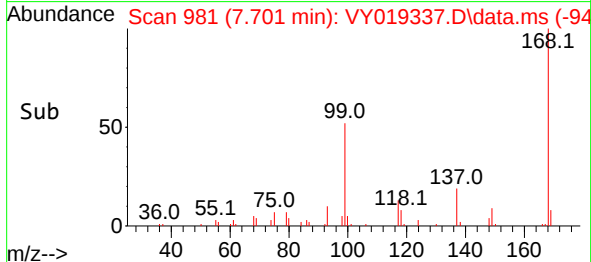
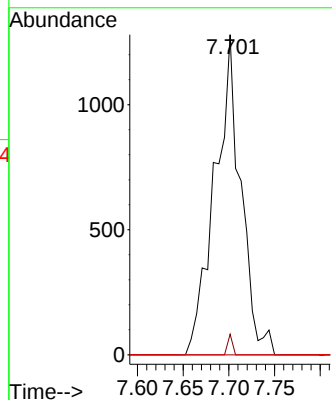


#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

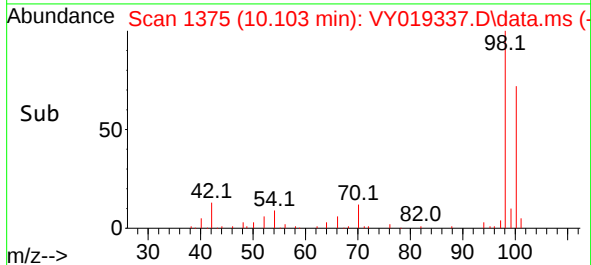
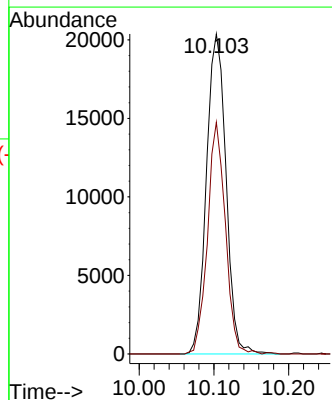
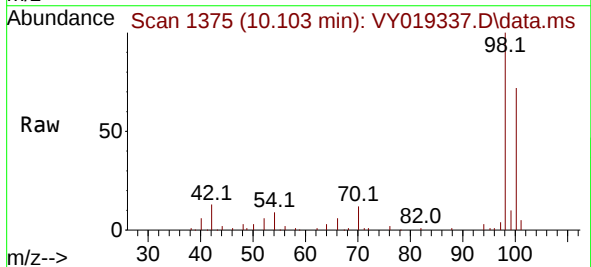


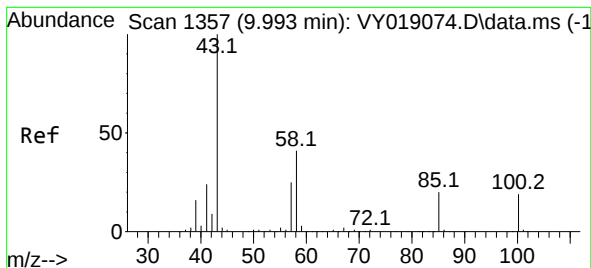
Tgt Ion:117 Resp: 2534
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 43.529 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Tgt Ion: 98 Resp: 37001
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

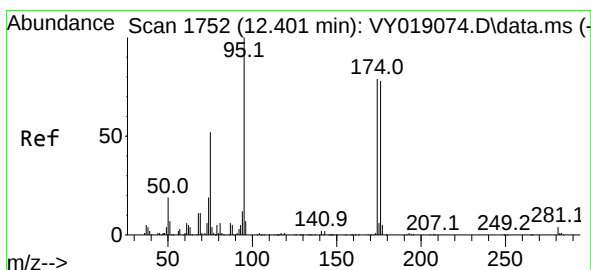
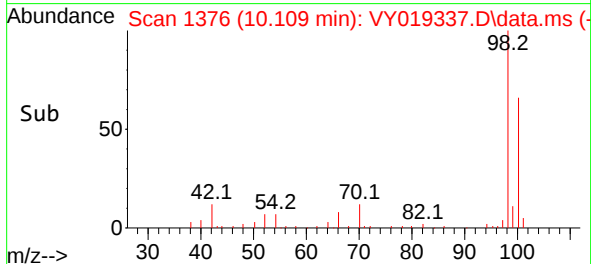
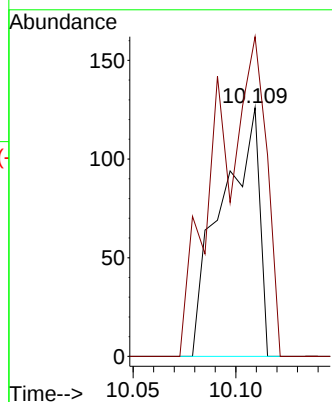
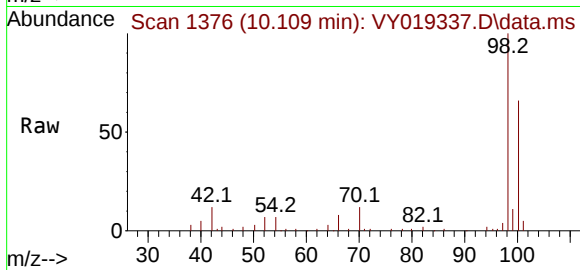




#51
4-Methyl-2-Pentanone
Concen: 1.044 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

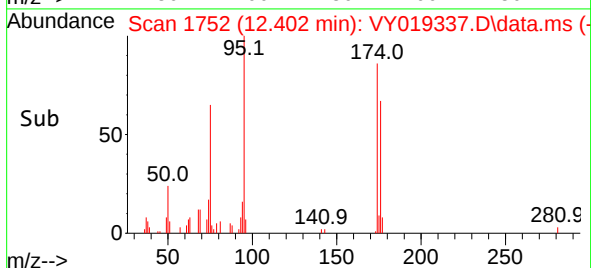
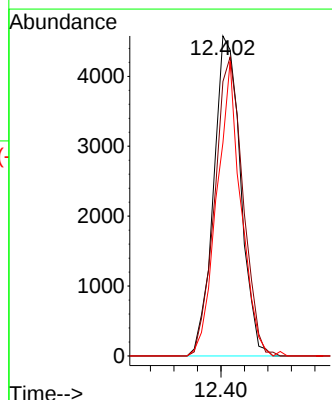
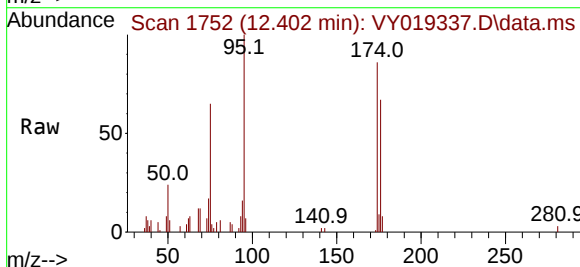
Instrument :
MSVOA_Y
ClientSampleId :

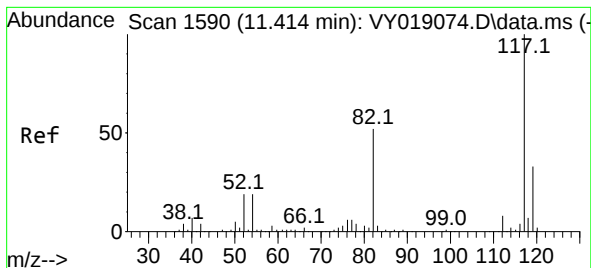
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 166.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 25.116 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Tgt Ion: 95 Resp: 7278
Ion Ratio Lower Upper
95 100
174 97.6 0.0 175.6
176 83.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

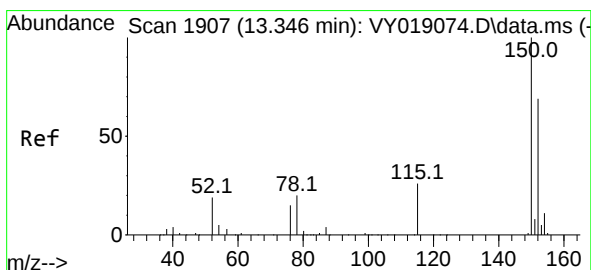
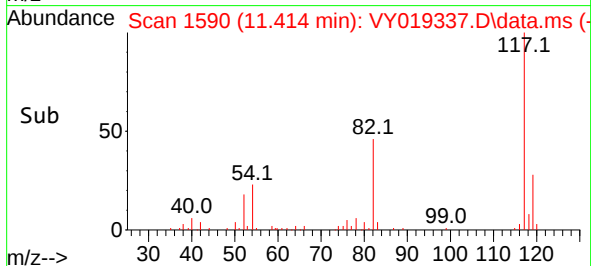
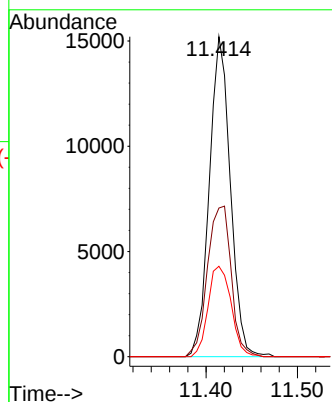
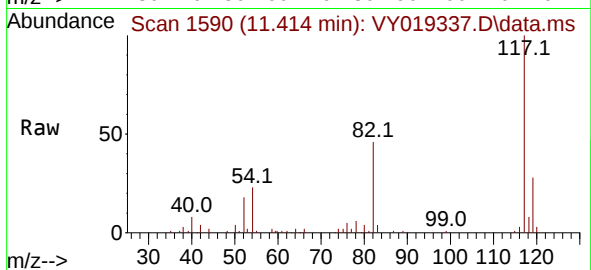
Tgt Ion:117 Resp: 24239

Ion Ratio Lower Upper

117 100

82 46.4 42.4 63.6

119 28.2 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: VY019337.D

Acq: 28 Aug 2024 18:07

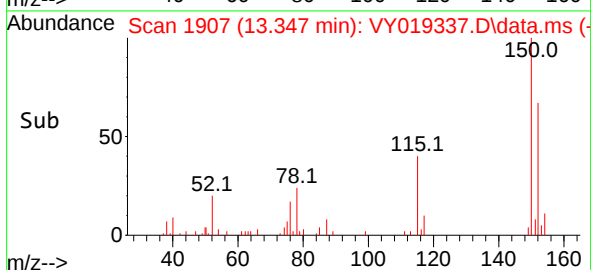
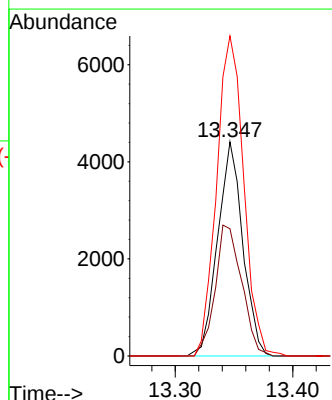
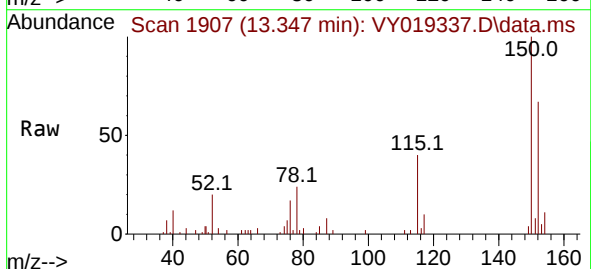
Tgt Ion:152 Resp: 6564

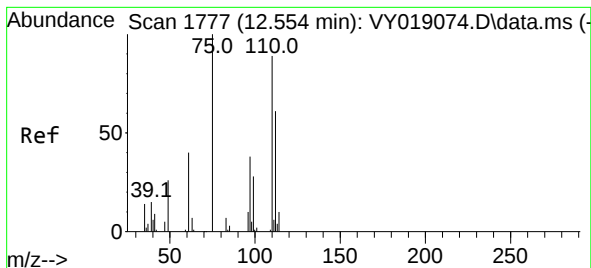
Ion Ratio Lower Upper

152 100

115 64.3 28.2 84.7

150 160.7 0.0 345.6

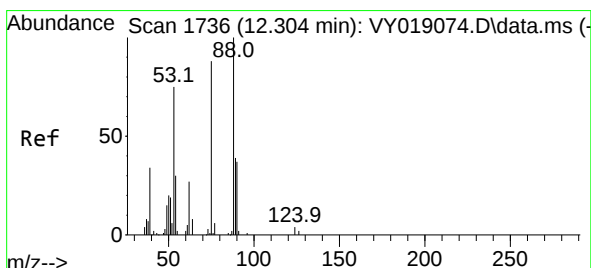
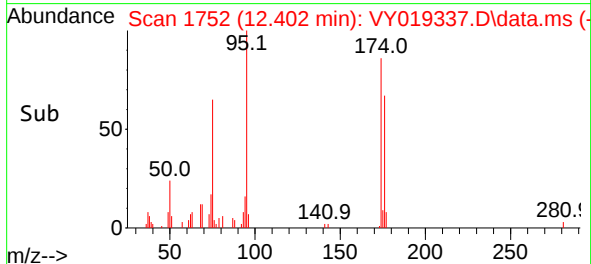
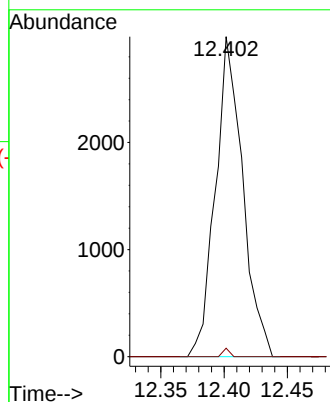
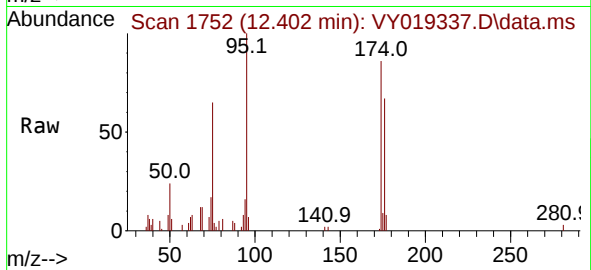




#76
1,2,3-Trichloropropane
Concen: 68.914 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4461
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.194 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Tgt Ion: 75 Resp: 4461
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

