

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019339.D
 Acq On : 28 Aug 2024 18:58
 Operator : SY/MD
 Sample : P3732-01
 Misc : 7.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:38:01 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)

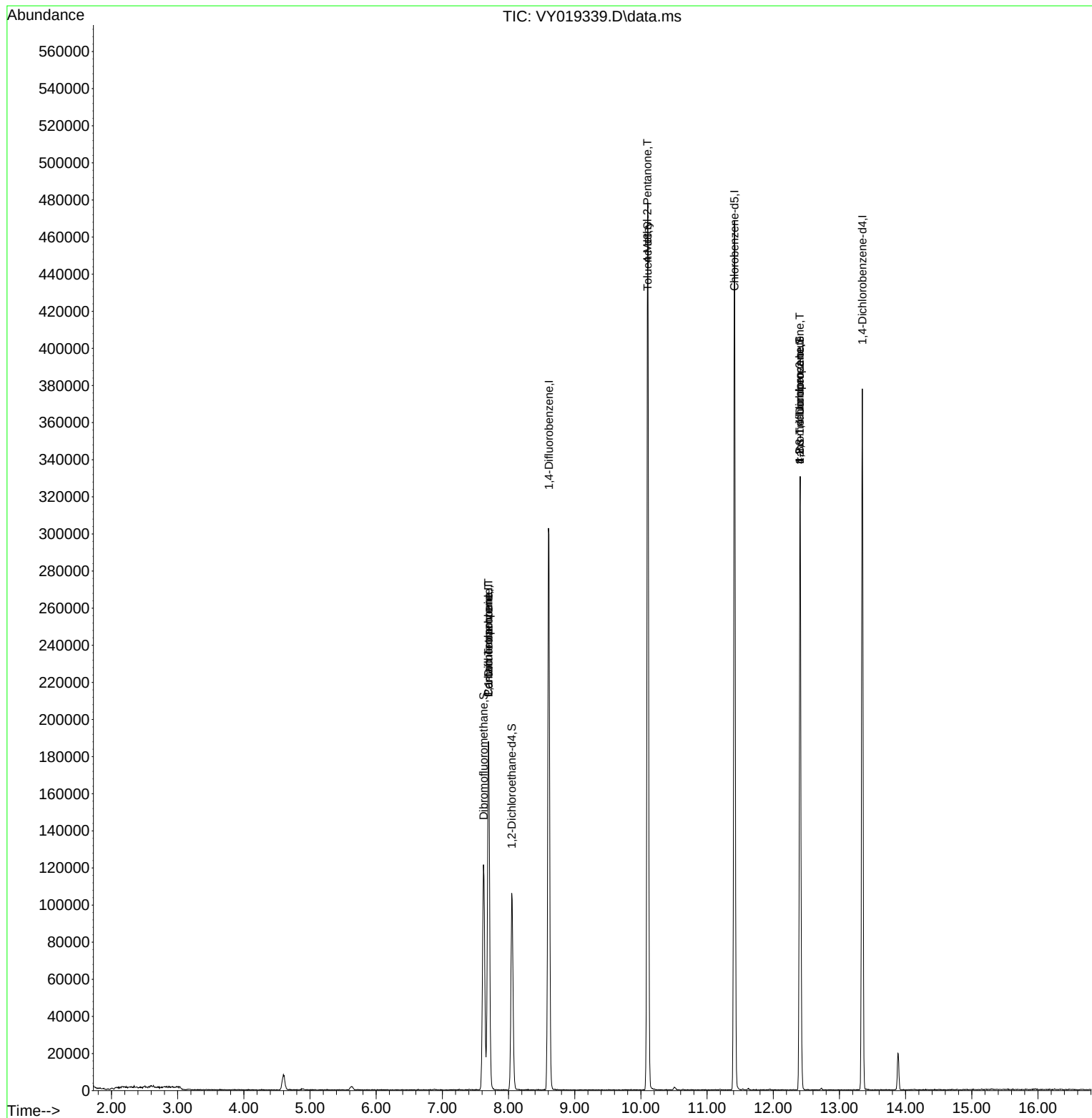
Internal Standards						
1) Pentafluorobenzene	7.695	168	147231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	259908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	244821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	84458	57.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.460%
35) Dibromofluoromethane	7.622	113	85571	50.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.103	98	301482	49.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.402	95	95282	45.703	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.400%
Target Compounds						
5) Bromomethane	2.598	94	334	Below Cal	#	70
6) Chloroethane	2.653	64	40	Below Cal	#	42
20) Methylene Chloride	4.598	84	5935	Below Cal	#	83
31) Cyclohexane	7.701	56	3175	Below Cal	#	18
36) 1,1-Dichloropropene	7.695	75	11080	4.748	ug/l #	50
38) Carbon Tetrachloride	7.695	117	14324	5.297	ug/l #	17
51) 4-Methyl-2-Pentanone	10.097	43	1496	1.348	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	50046	54.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	50046	134.221	ug/l #	16

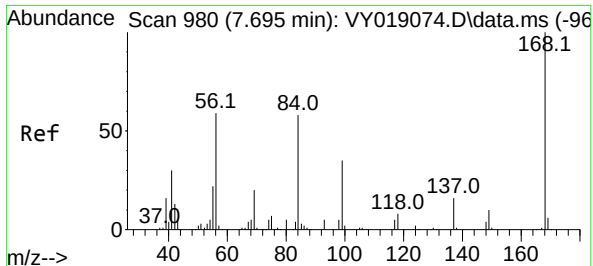
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
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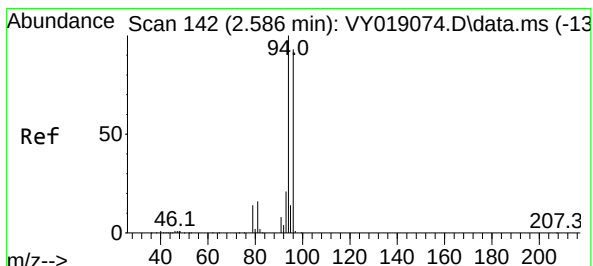
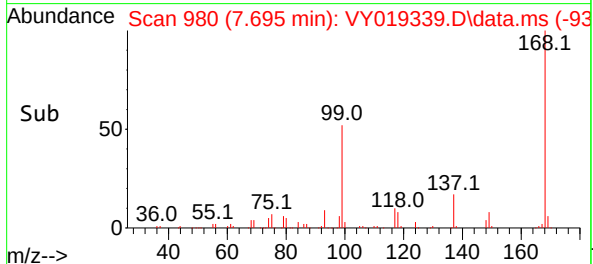
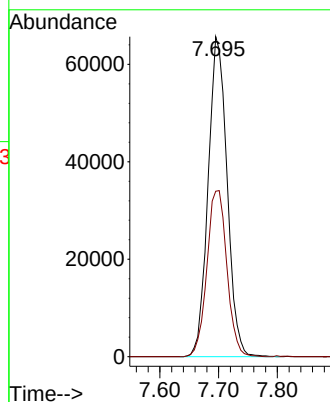
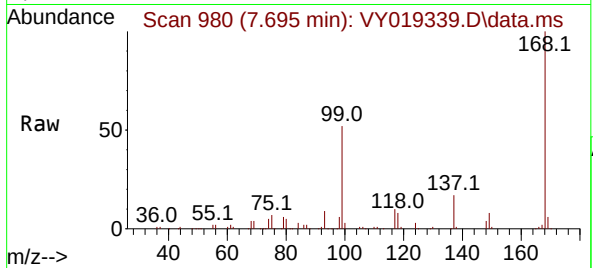




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

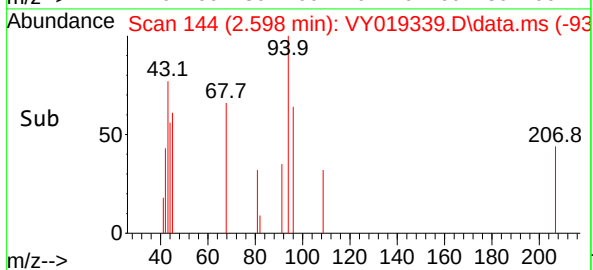
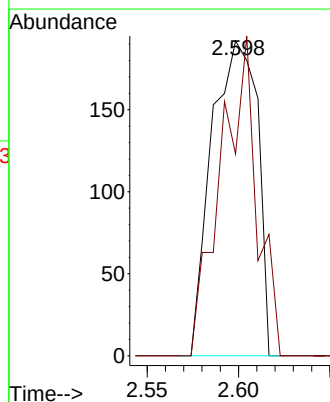
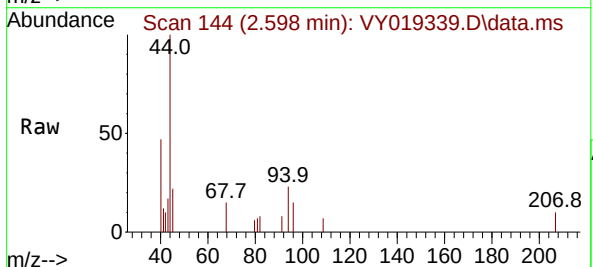
Instrument :
MSVOA_Y
ClientSampleId :

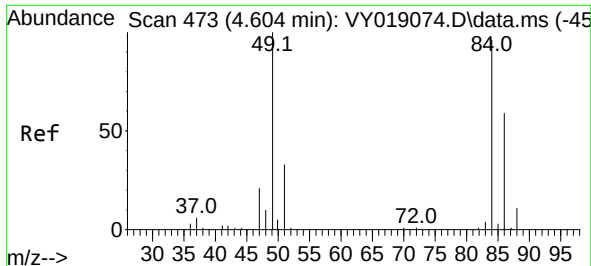
Tgt Ion:168 Resp: 147231
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

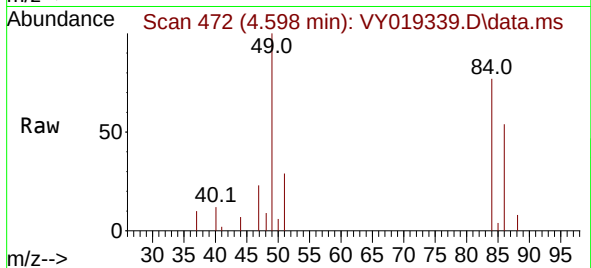
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 64.1 74.1 111.1#



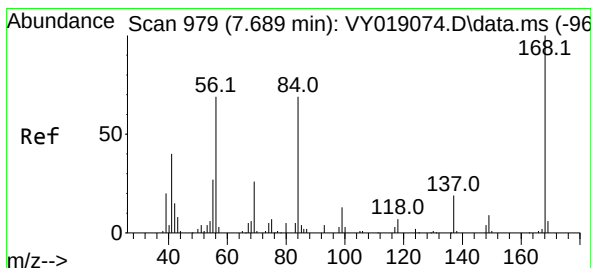
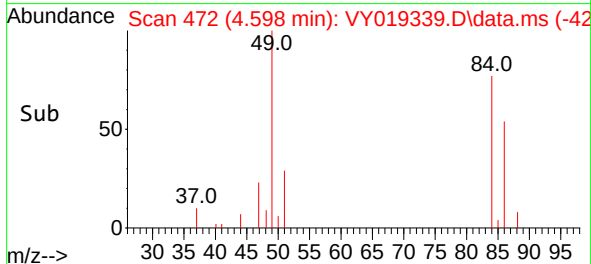
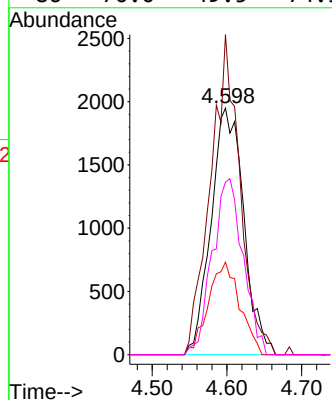


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

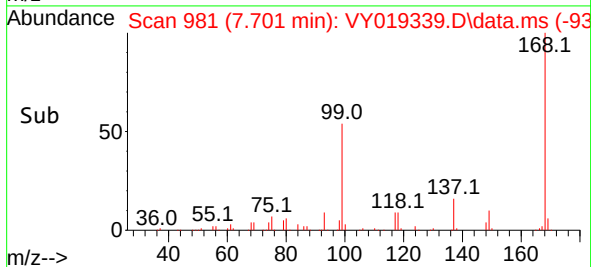
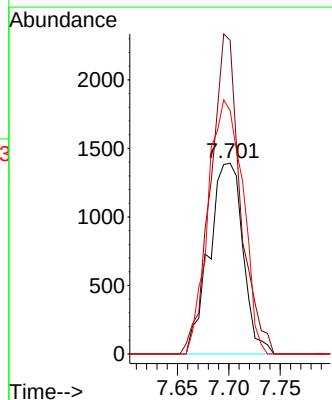
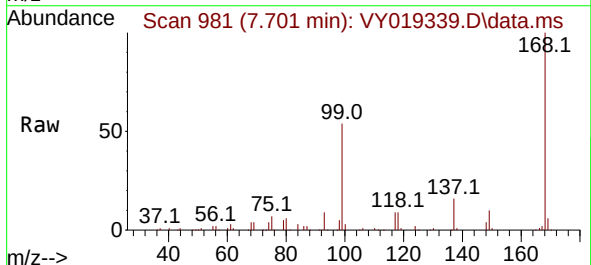


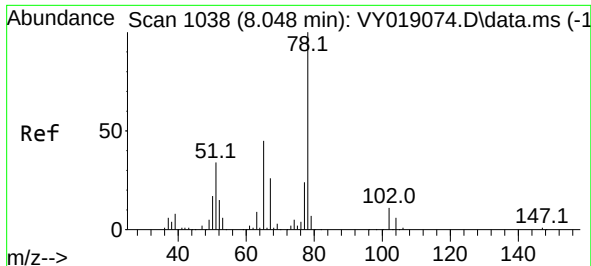
Tgt Ion:	84	Resp:	5935
Ion	Ratio	Lower	Upper
84	100		
49	129.8	84.4	126.6#
51	37.6	26.0	39.0
86	70.0	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

Tgt Ion:	56	Resp:	3175
Ion	Ratio	Lower	Upper
56	100		
69	164.5	28.7	43.1#
84	127.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.226 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

Instrument :

MSVOA_Y

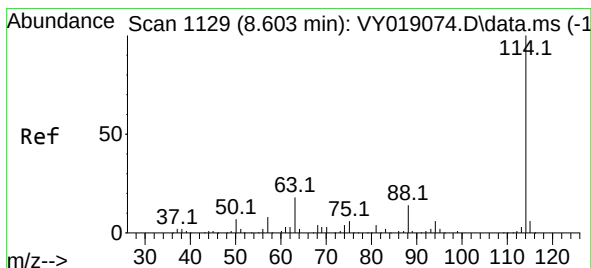
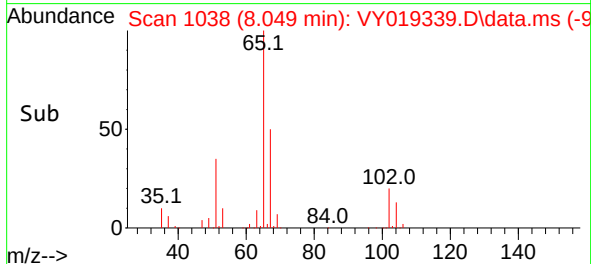
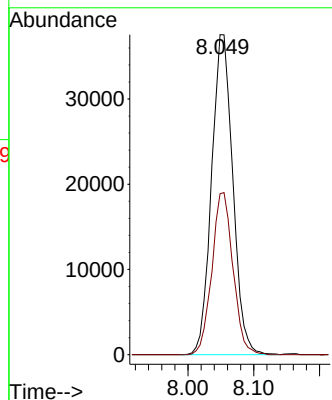
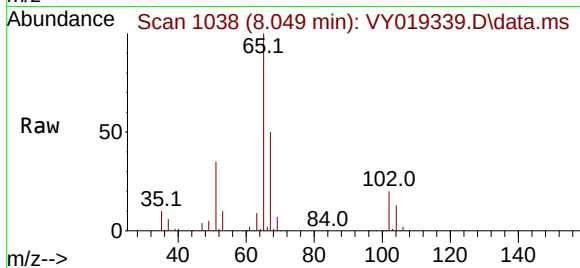
ClientSampleId :

Tgt Ion: 65 Resp: 84458

Ion Ratio Lower Upper

65 100

67 50.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

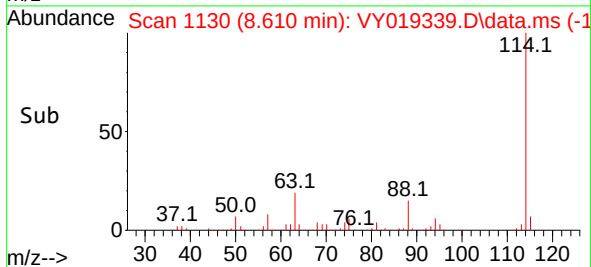
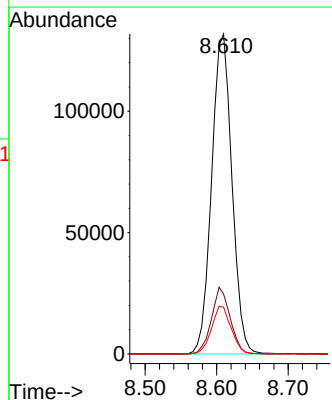
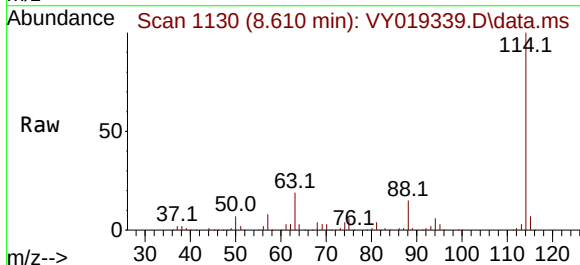
Tgt Ion: 114 Resp: 259908

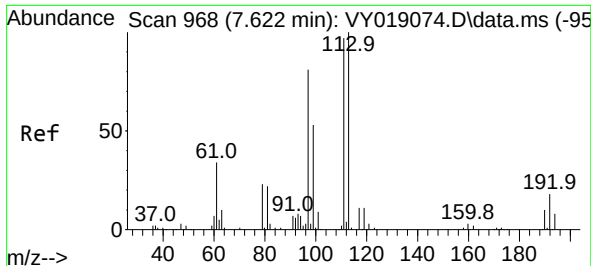
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.6 0.0 27.2

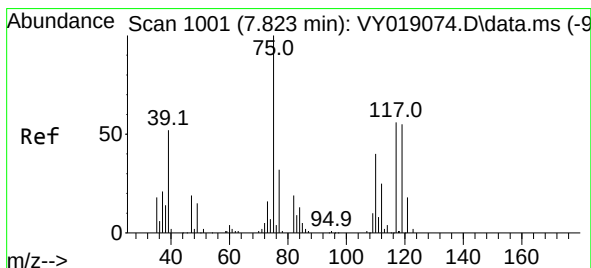
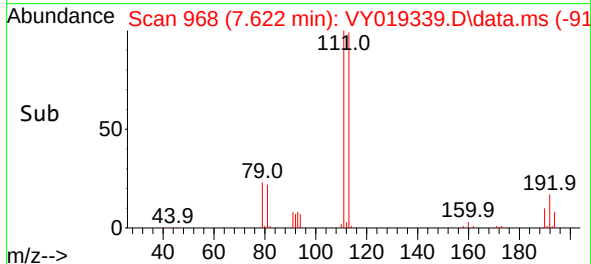
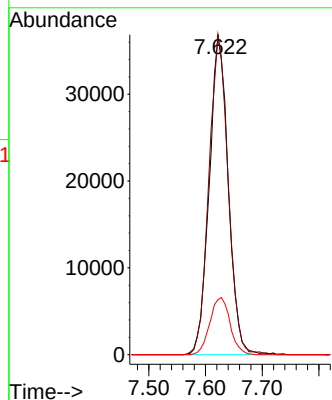
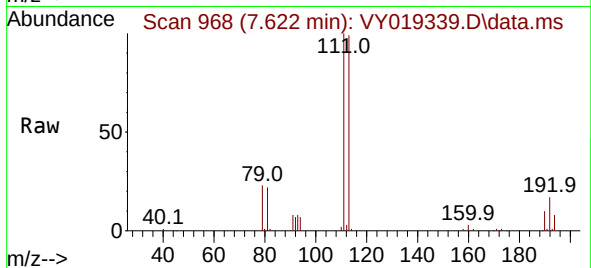




#35
Dibromofluoromethane
Concen: 50.353 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

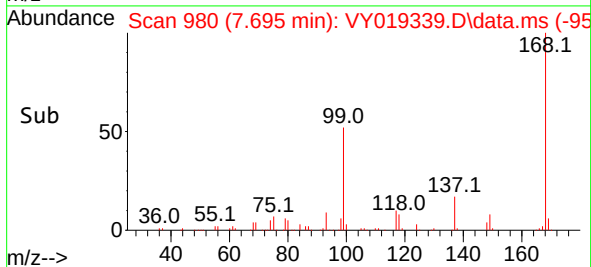
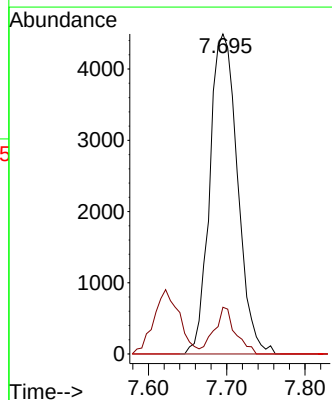
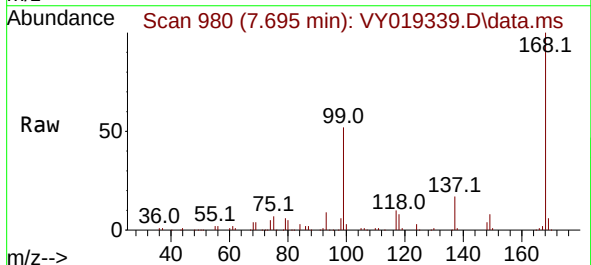
Instrument :
MSVOA_Y
ClientSampleId :

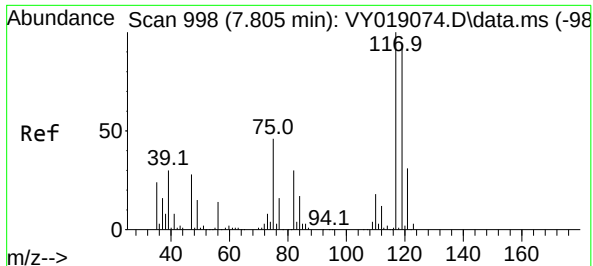
Tgt Ion:113 Resp: 85571
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

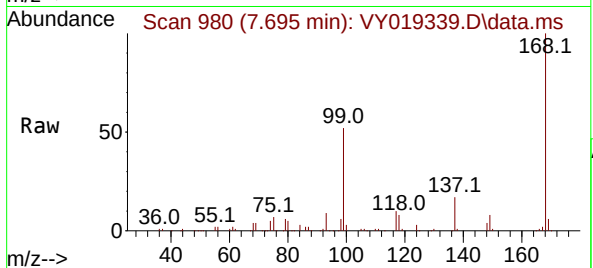
Tgt Ion: 75 Resp: 11080
Ion Ratio Lower Upper
75 100
110 11.0 19.0 57.0#
77 0.0 25.3 37.9#



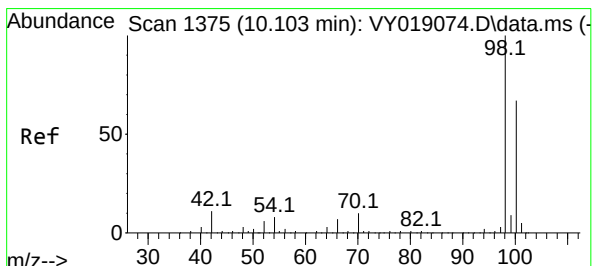
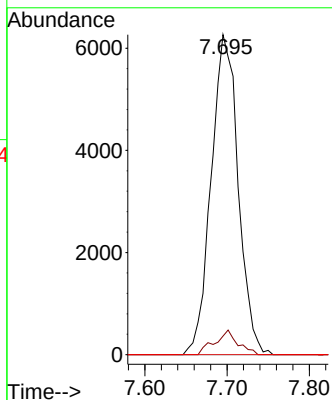
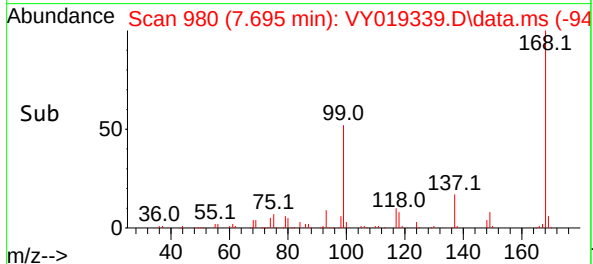


#38
Carbon Tetrachloride
Concen: 5.297 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

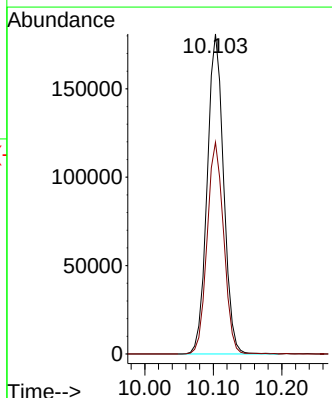
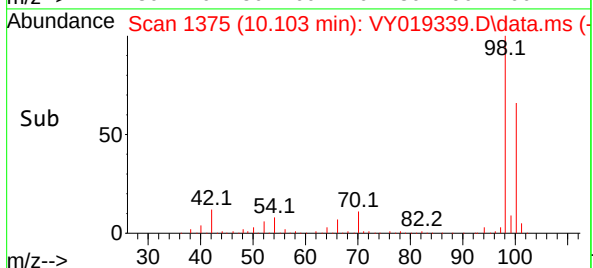
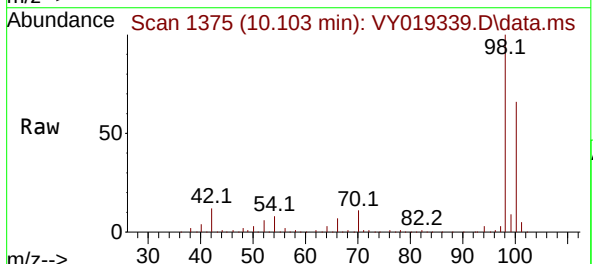


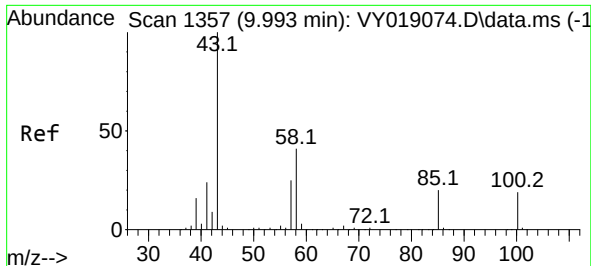
Tgt Ion:117 Resp: 14324
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

Tgt Ion: 98 Resp: 301482
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.348 ug/l

RT: 10.097 min Scan# 1

Delta R.T. 0.104 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

Instrument :

MSVOA_Y

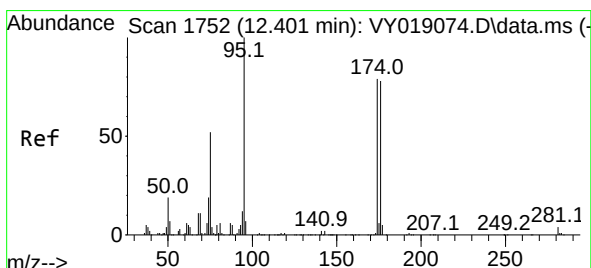
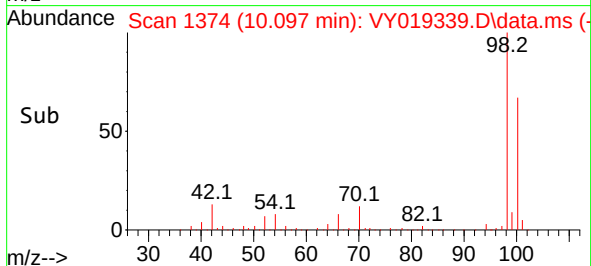
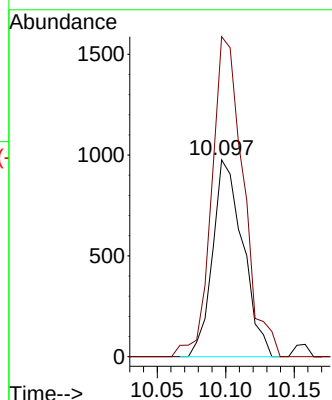
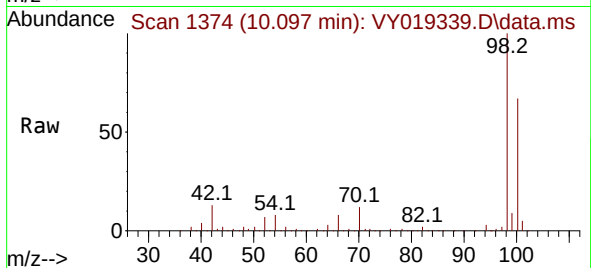
ClientSampleId :

Tgt Ion: 43 Resp: 1496

Ion Ratio Lower Upper

43 100

58 169.9 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 45.703 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

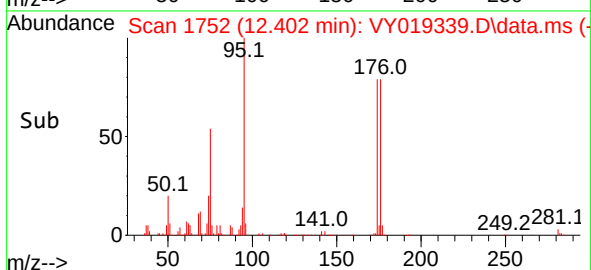
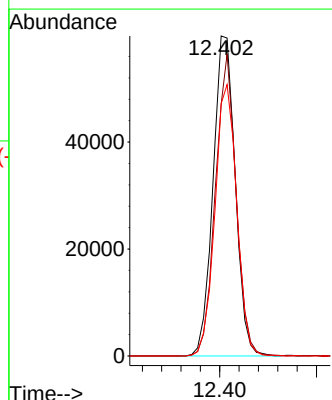
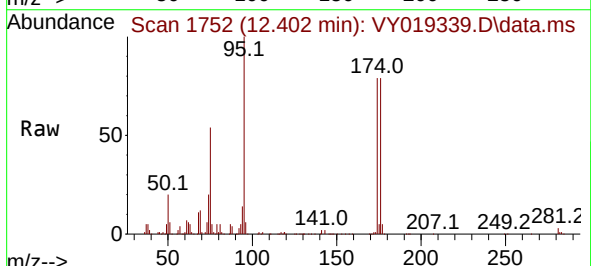
Tgt Ion: 95 Resp: 95282

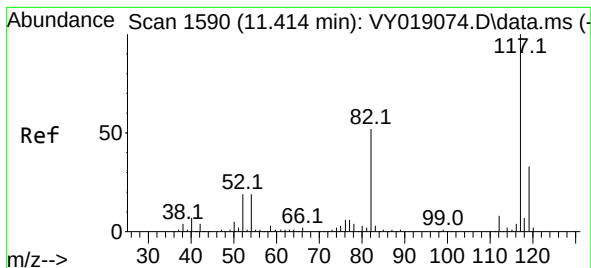
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.6

176 83.5 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: VY019339.D

Acq: 28 Aug 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

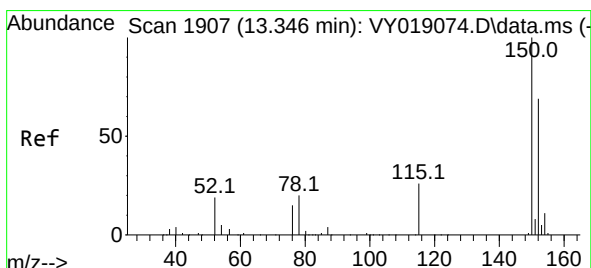
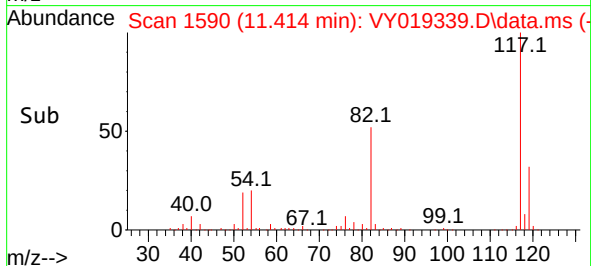
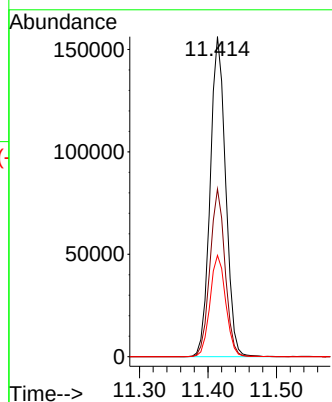
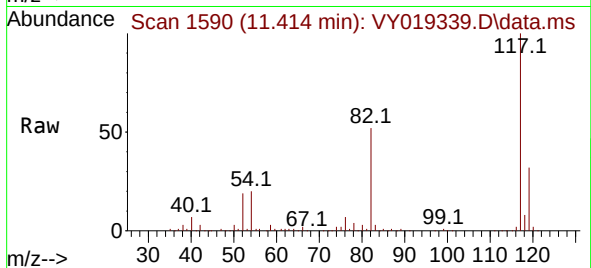
Tgt Ion:117 Resp: 244821

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

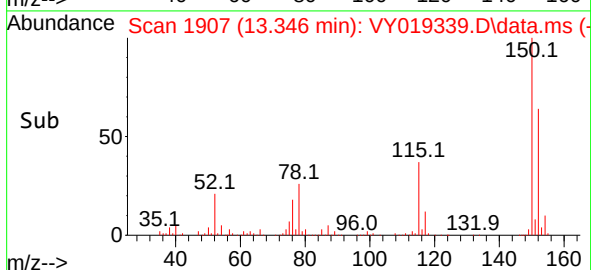
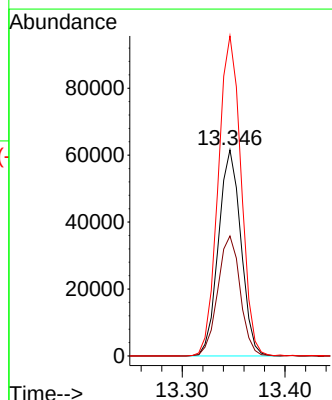
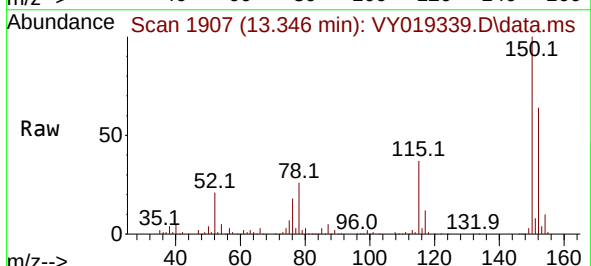
Tgt Ion:152 Resp: 93375

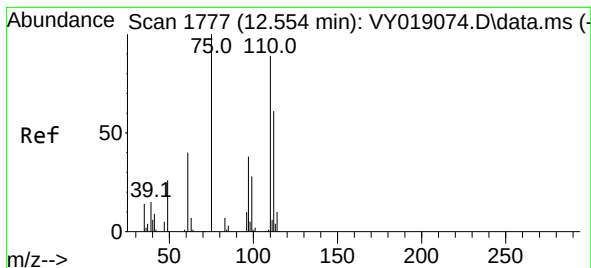
Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 158.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 54.348 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

Instrument :

MSVOA_Y

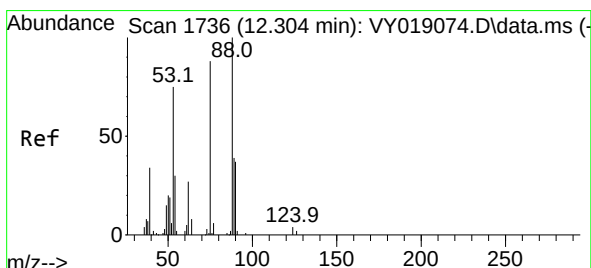
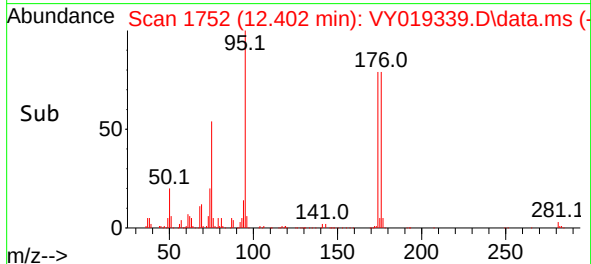
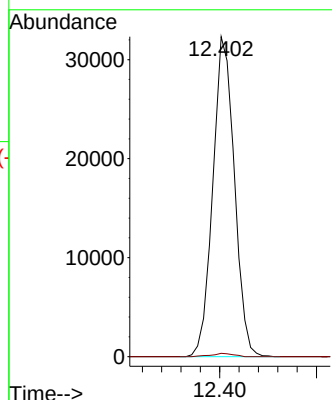
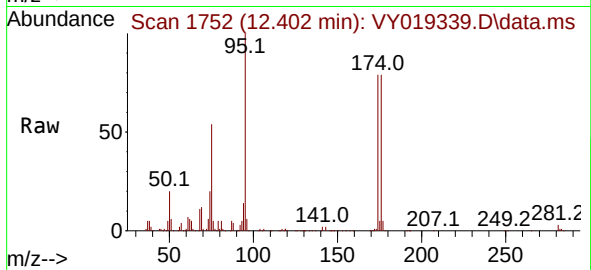
ClientSampleId :

Tgt Ion: 75 Resp: 50046

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.221 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

Tgt Ion: 75 Resp: 50046

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.2 35.8 53.6#

