

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019359.D
 Acq On : 29 Aug 2024 05:29
 Operator : SY/MD
 Sample : P3750-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 06:01:33 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)

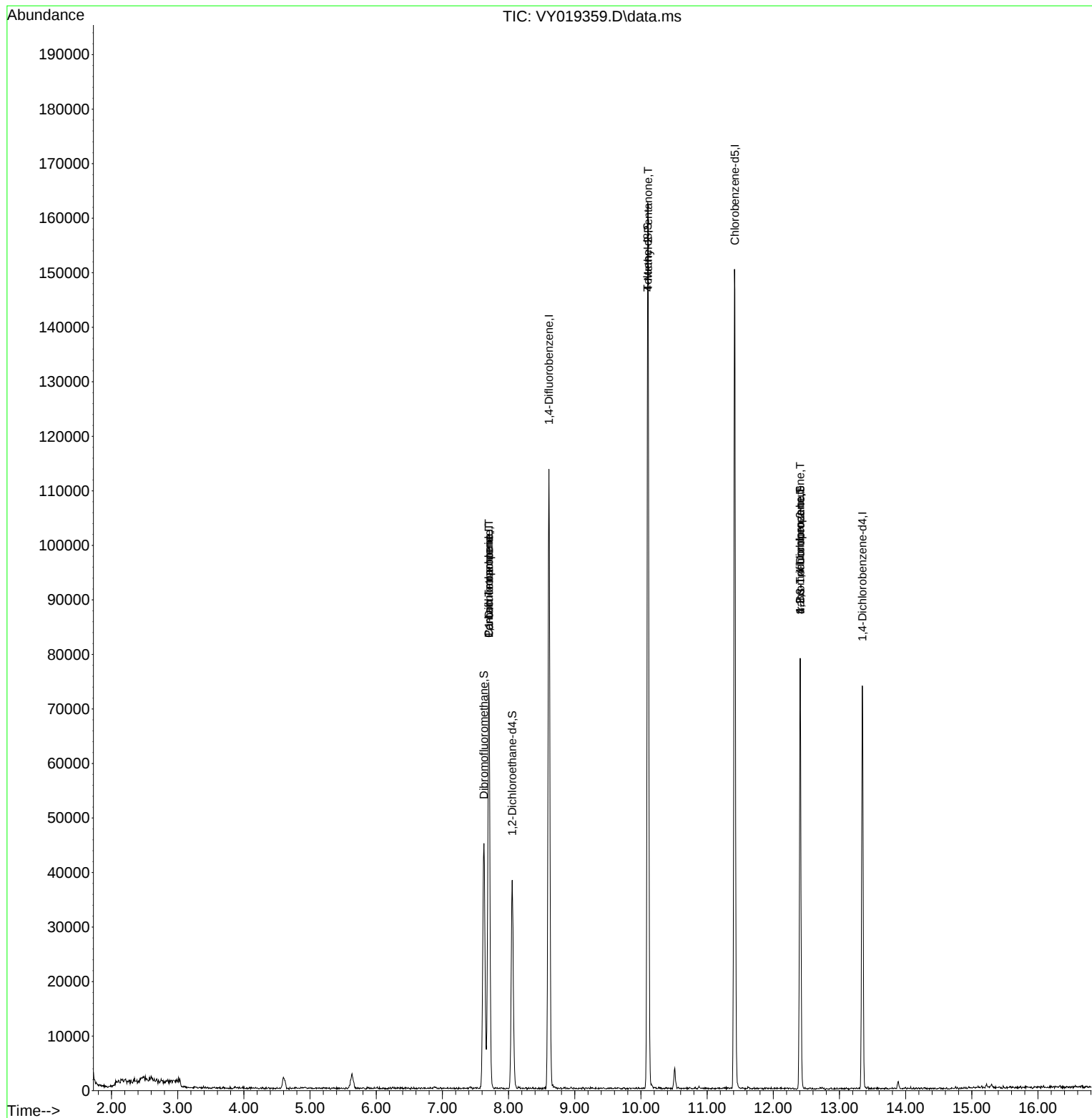
Internal Standards						
1) Pentafluorobenzene	7.701	168	57392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	96421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	82221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	30765	53.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.960%			
35) Dibromofluoromethane	7.628	113	31795	50.432	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.860%			
50) Toluene-d8	10.103	98	104806	46.194	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.380%			
62) 4-Bromofluorobenzene	12.407	95	22506	29.099	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 58.200%			
Target Compounds						
5) Bromomethane	2.604	94	406	Below Cal	Qvalue 95	
6) Chloroethane	2.683	64	27	Below Cal	# 42	
20) Methylene Chloride	4.598	84	1487	Below Cal	# 76	
31) Cyclohexane	7.701	56	1215	Below Cal	# 20	
36) 1,1-Dichloropropene	7.701	75	4453	5.144	ug/l # 50	
38) Carbon Tetrachloride	7.701	117	5822	5.803	ug/l # 18	
51) 4-Methyl-2-Pentanone	10.109	43	551	1.338	ug/l # 1	
76) 1,2,3-Trichloropropane	12.407	75	12119	65.610	ug/l # 100	
81) trans-1,4-Dichloro-2-b...	12.407	75	12119	162.036	ug/l # 16	

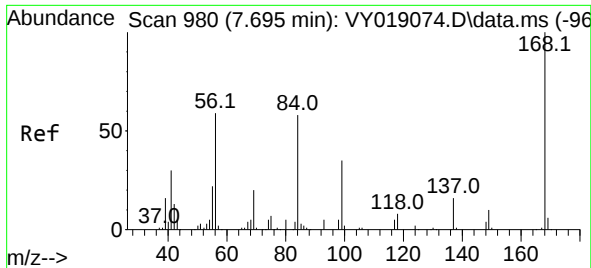
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 06:01:33 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

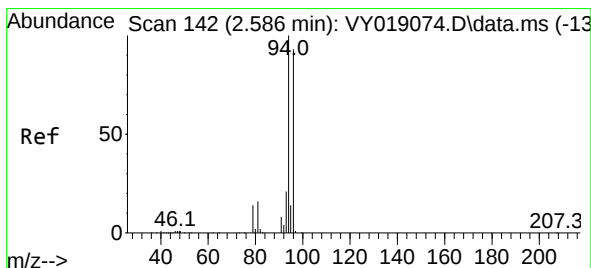
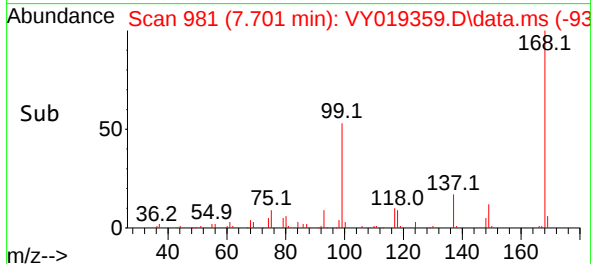
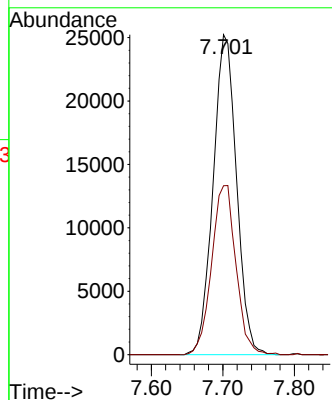
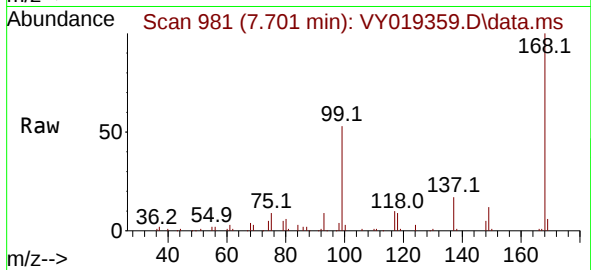




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

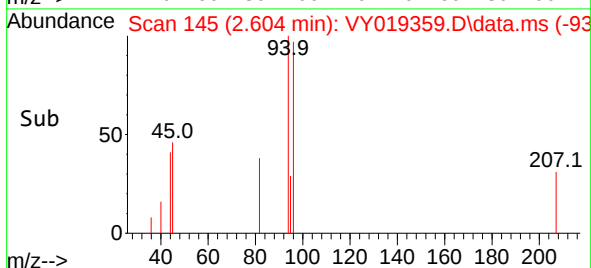
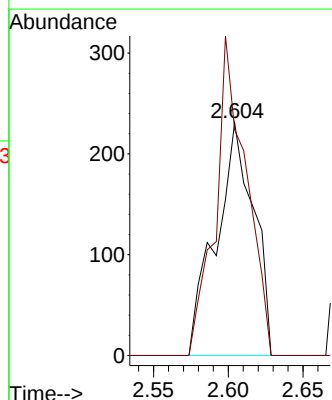
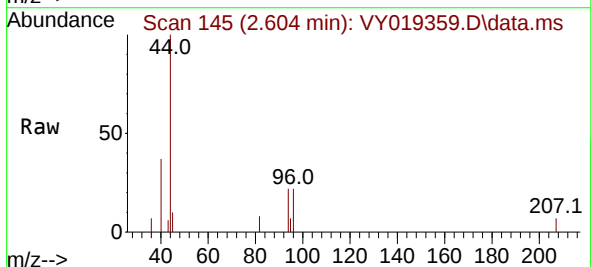
Instrument :
MSVOA_Y
ClientSampleId :

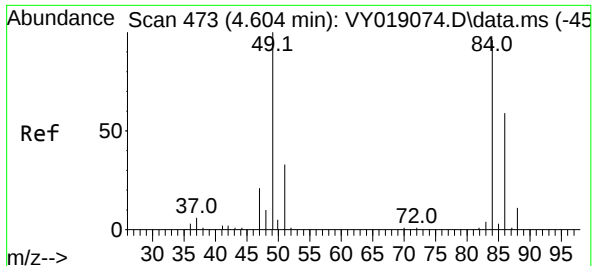
Tgt Ion:168 Resp: 57392
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

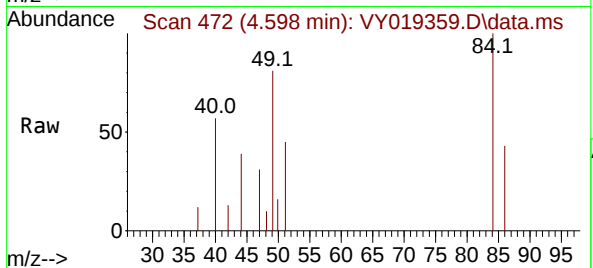
Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1



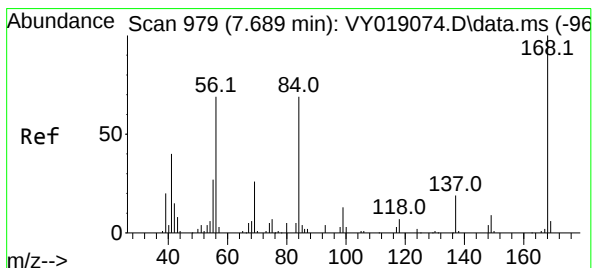
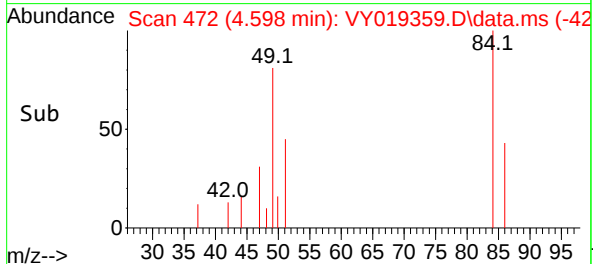
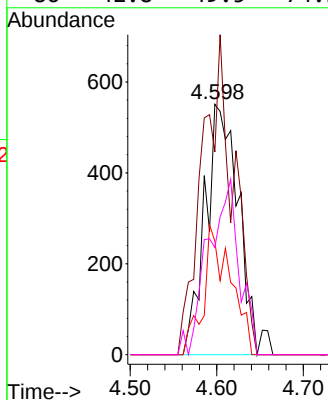


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Instrument :
MSVOA_Y
ClientSampleId :

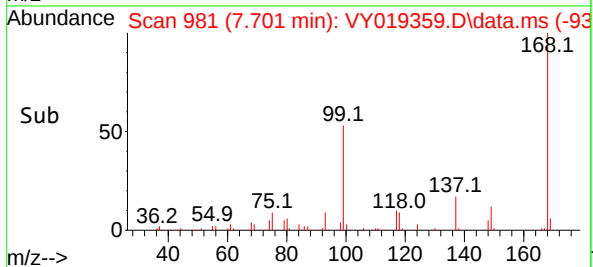
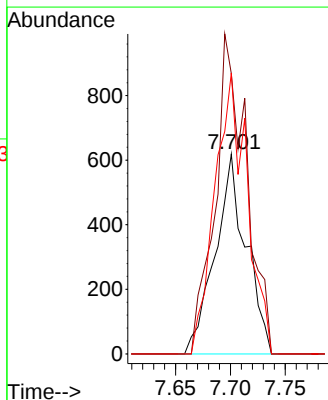
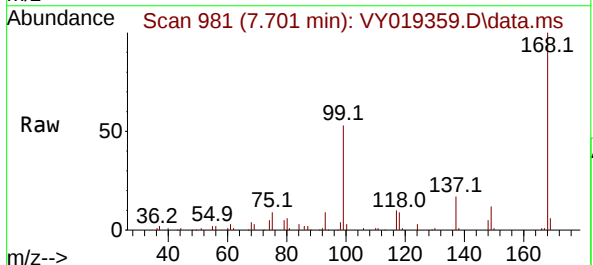


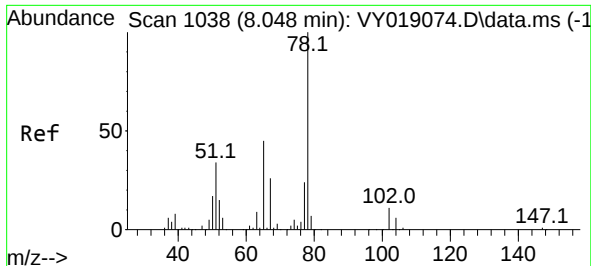
Tgt Ion:	84	Resp:	1487
Ion	Ratio	Lower	Upper
84	100		
49	80.9	84.4	126.6#
51	45.4	26.0	39.0#
86	42.8	49.5	74.3#



#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Tgt Ion:	56	Resp:	1215
Ion	Ratio	Lower	Upper
56	100		
69	140.2	28.7	43.1#
84	140.5	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.476 ug/l

RT: 8.054 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

Instrument :

MSVOA_Y

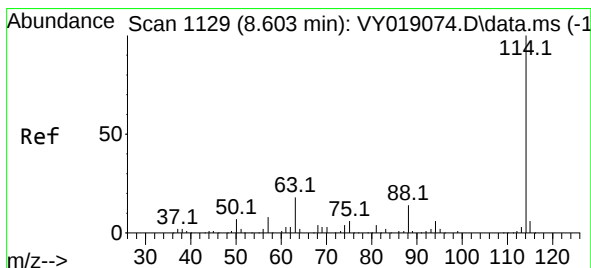
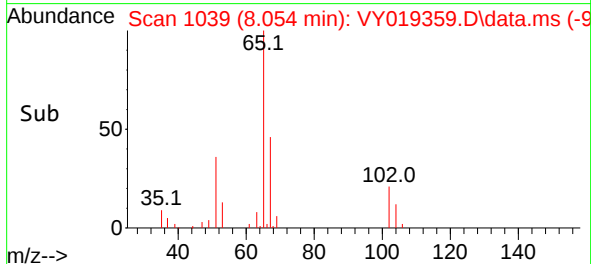
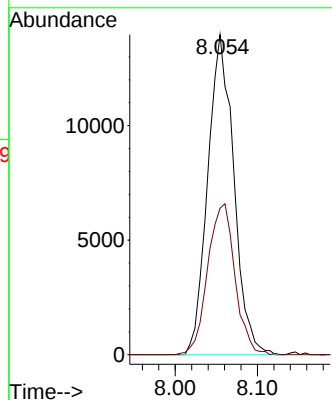
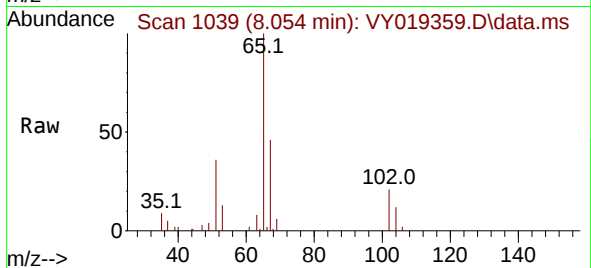
ClientSampleId :

Tgt Ion: 65 Resp: 30765

Ion Ratio Lower Upper

65 100

67 49.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

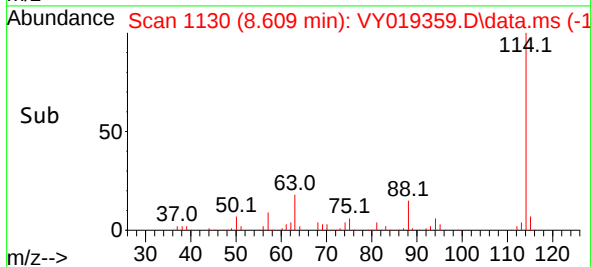
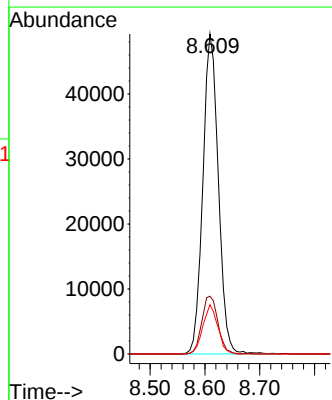
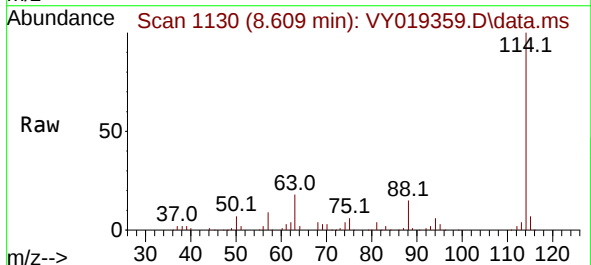
Tgt Ion: 114 Resp: 96421

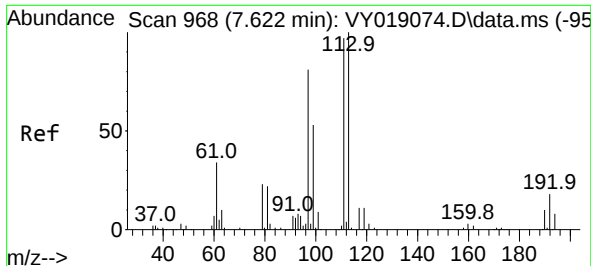
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

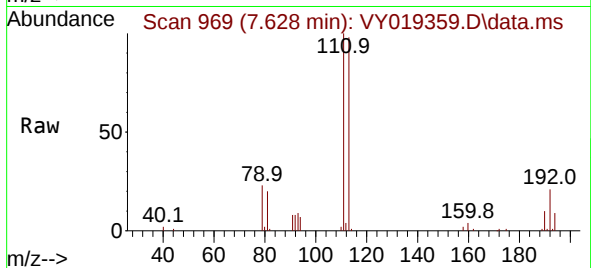
88 15.4 0.0 27.2



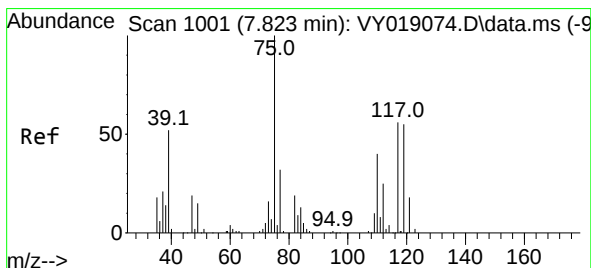
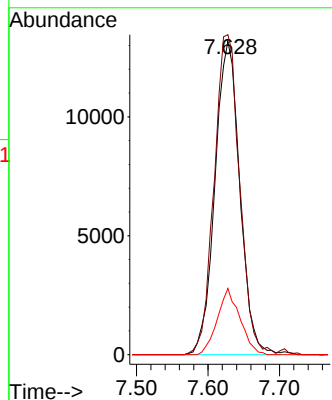
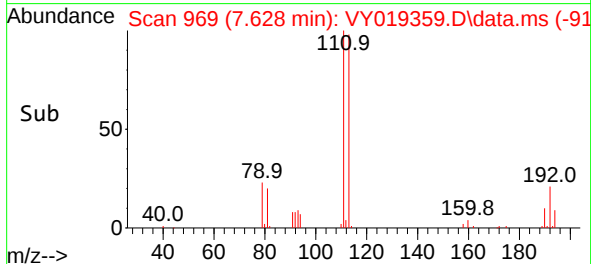


#35
Dibromofluoromethane
Concen: 50.432 ug/l
RT: 7.628 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Instrument :
MSVOA_Y
ClientSampleId :

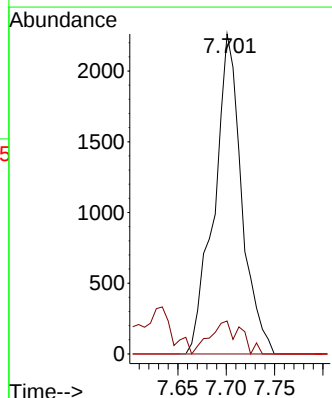
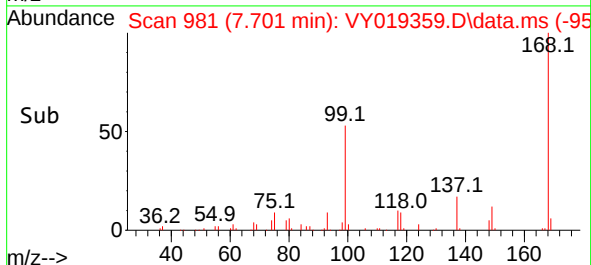
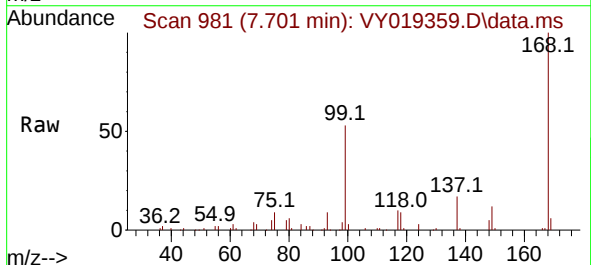


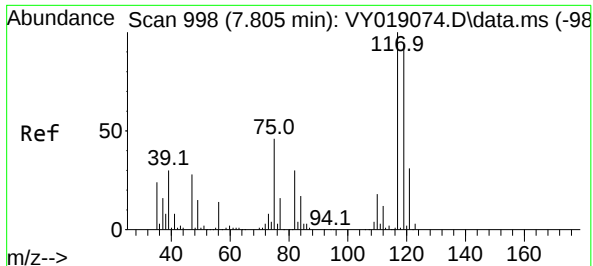
Tgt Ion:113 Resp: 31795
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

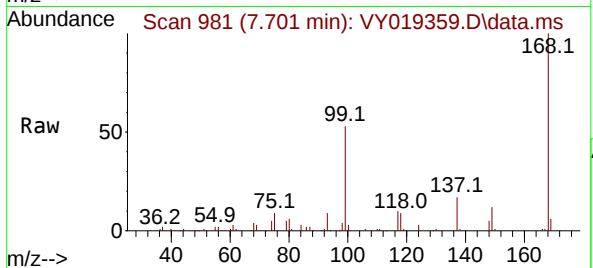
Tgt Ion: 75 Resp: 4453
Ion Ratio Lower Upper
75 100
110 11.6 19.0 57.0#
77 0.0 25.3 37.9#



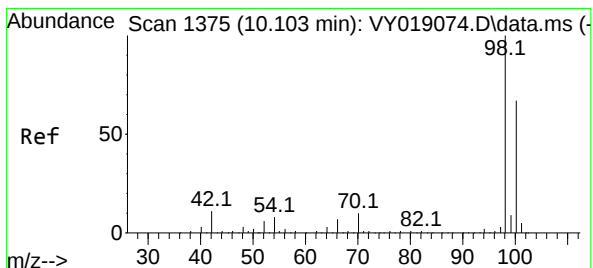
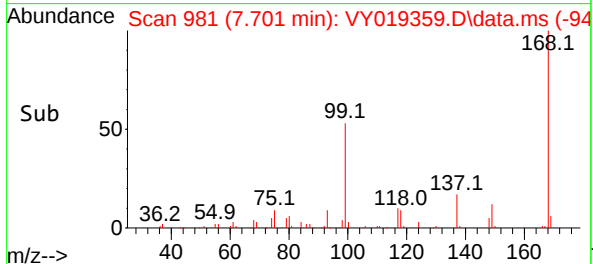
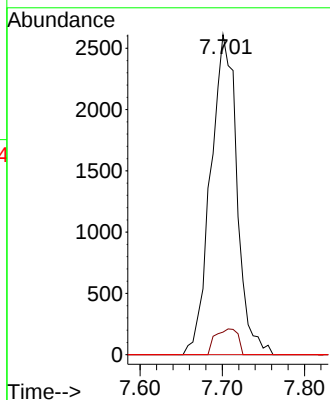


#38
Carbon Tetrachloride
Concen: 5.803 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Instrument :
MSVOA_Y
ClientSampleId :

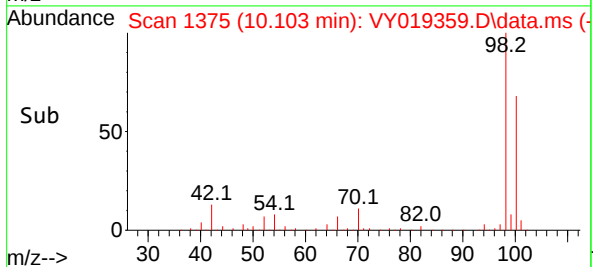
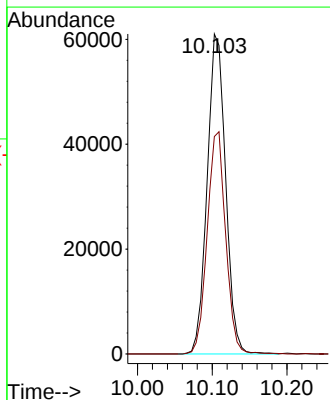
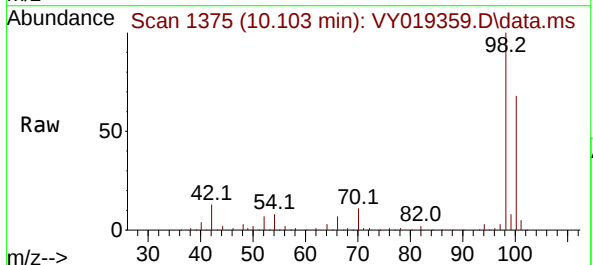


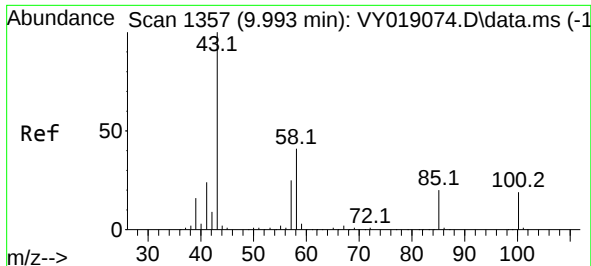
Tgt Ion:117 Resp: 5822
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.194 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Tgt Ion: 98 Resp: 104806
Ion Ratio Lower Upper
98 100
100 69.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.338 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.116 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

Instrument :

MSVOA_Y

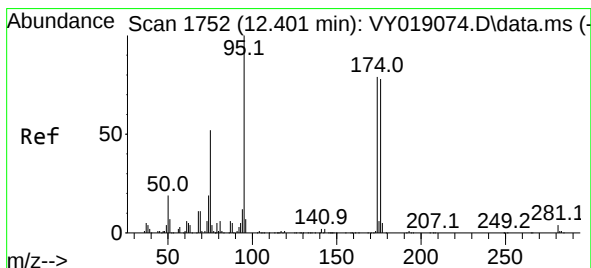
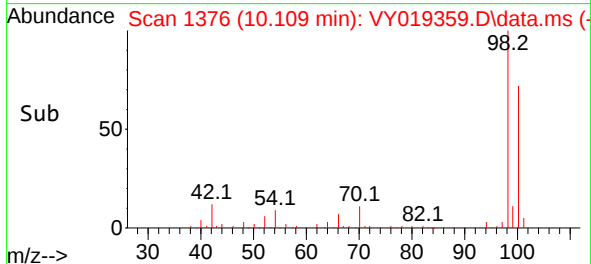
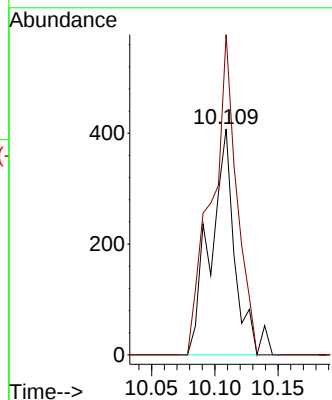
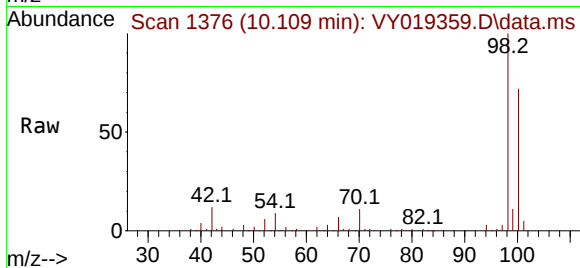
ClientSampleId :

Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

58 144.5 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 29.099 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019359.D

Acq: 29 Aug 2024 05:29

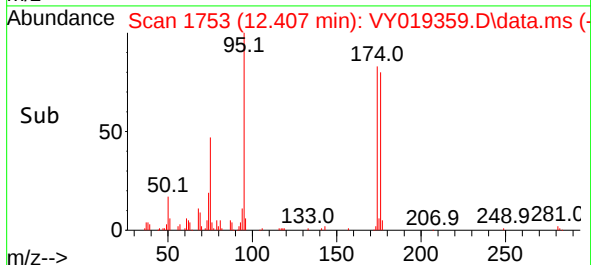
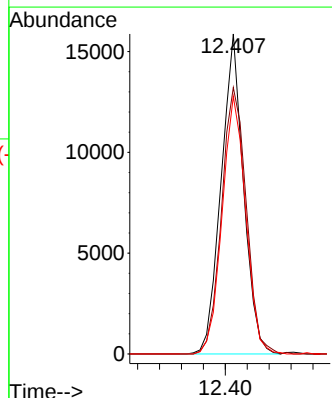
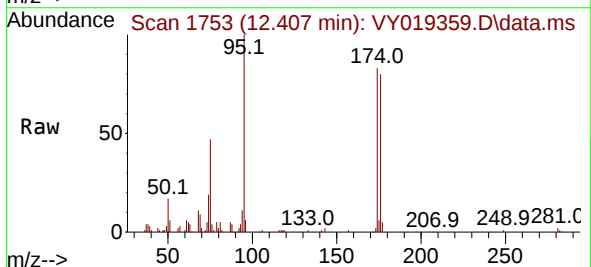
Tgt Ion: 95 Resp: 22506

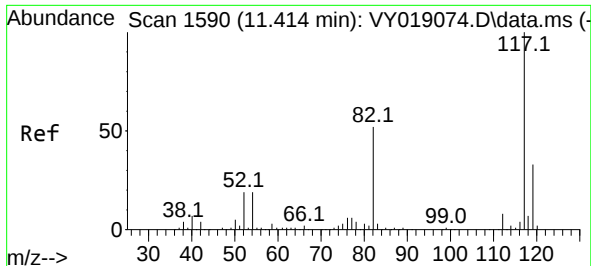
Ion Ratio Lower Upper

95 100

174 91.7 0.0 175.6

176 84.9 0.0 171.4

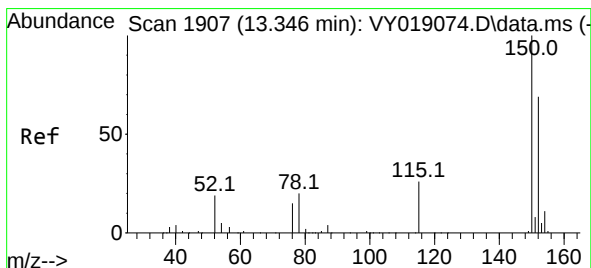
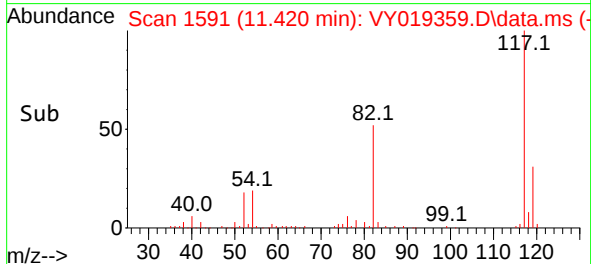
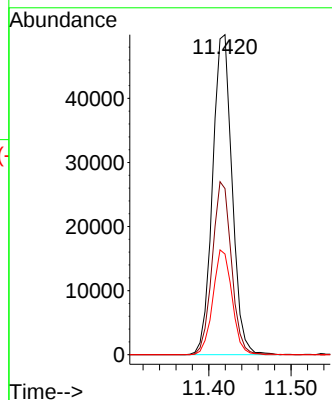
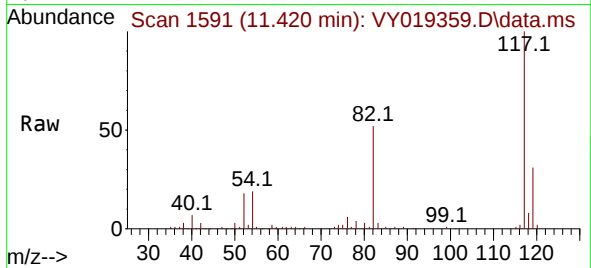




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

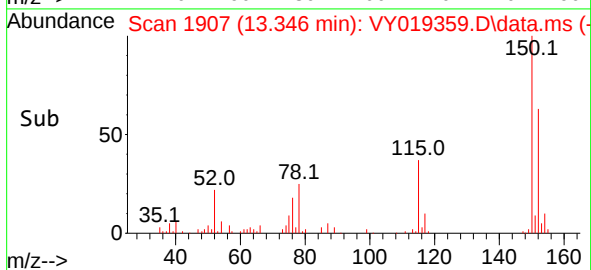
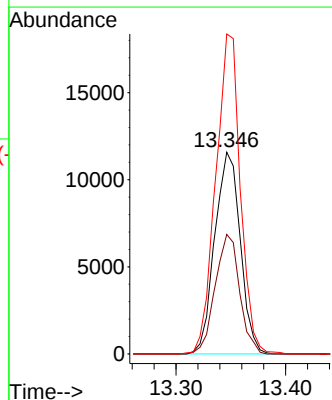
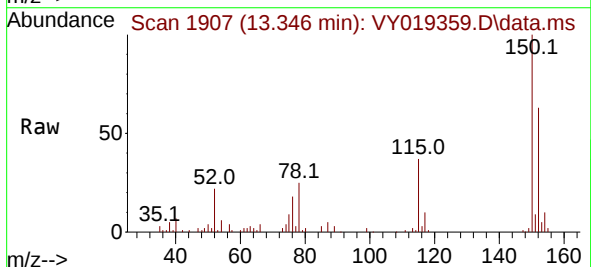
Instrument :
MSVOA_Y
ClientSampleId :

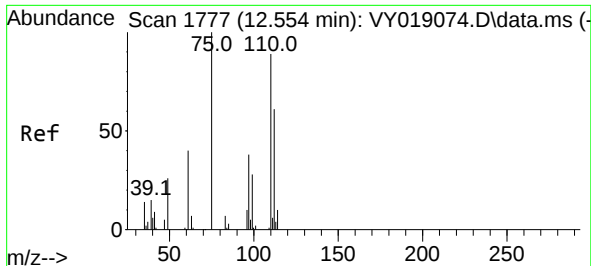
Tgt Ion:117 Resp: 82221
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Tgt Ion:152 Resp: 18730
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 153.3 0.0 345.6

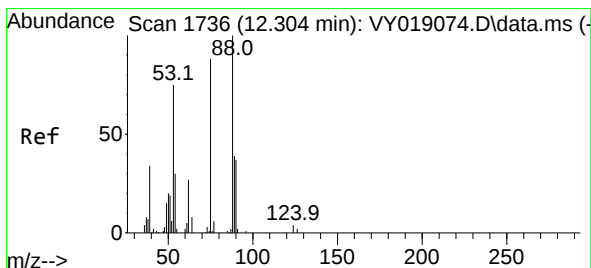
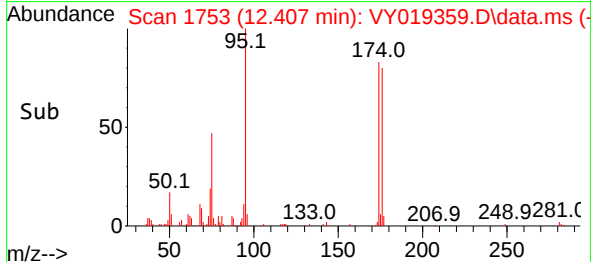
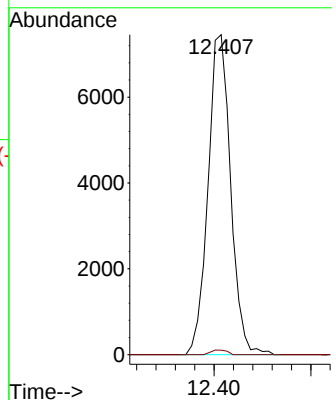
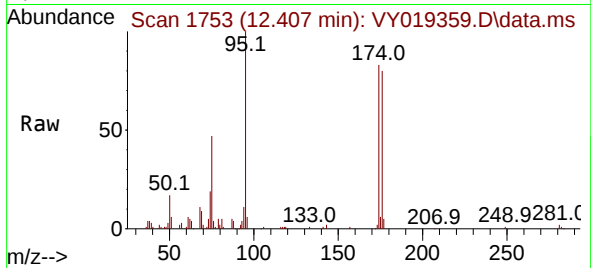




#76
1,2,3-Trichloropropane
Concen: 65.610 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12119
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 162.036 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019359.D
Acq: 29 Aug 2024 05:29

Tgt Ion: 75 Resp: 12119
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.7 35.8 53.6#

