

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018916.D
 Acq On : 25 Jul 2024 15:56
 Operator : SY/MD
 Sample : P3340-05
 Misc : 6.68g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 03:00:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	39373	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.722	114	68584	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.563	117	64151	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.532	152	24432	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	21270	54.899	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.800%
35) Dibromofluoromethane	7.728	113	22721	52.894	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.234	98	76713	47.138	ug/l	0.06
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.569	95	24450	43.993	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.980%

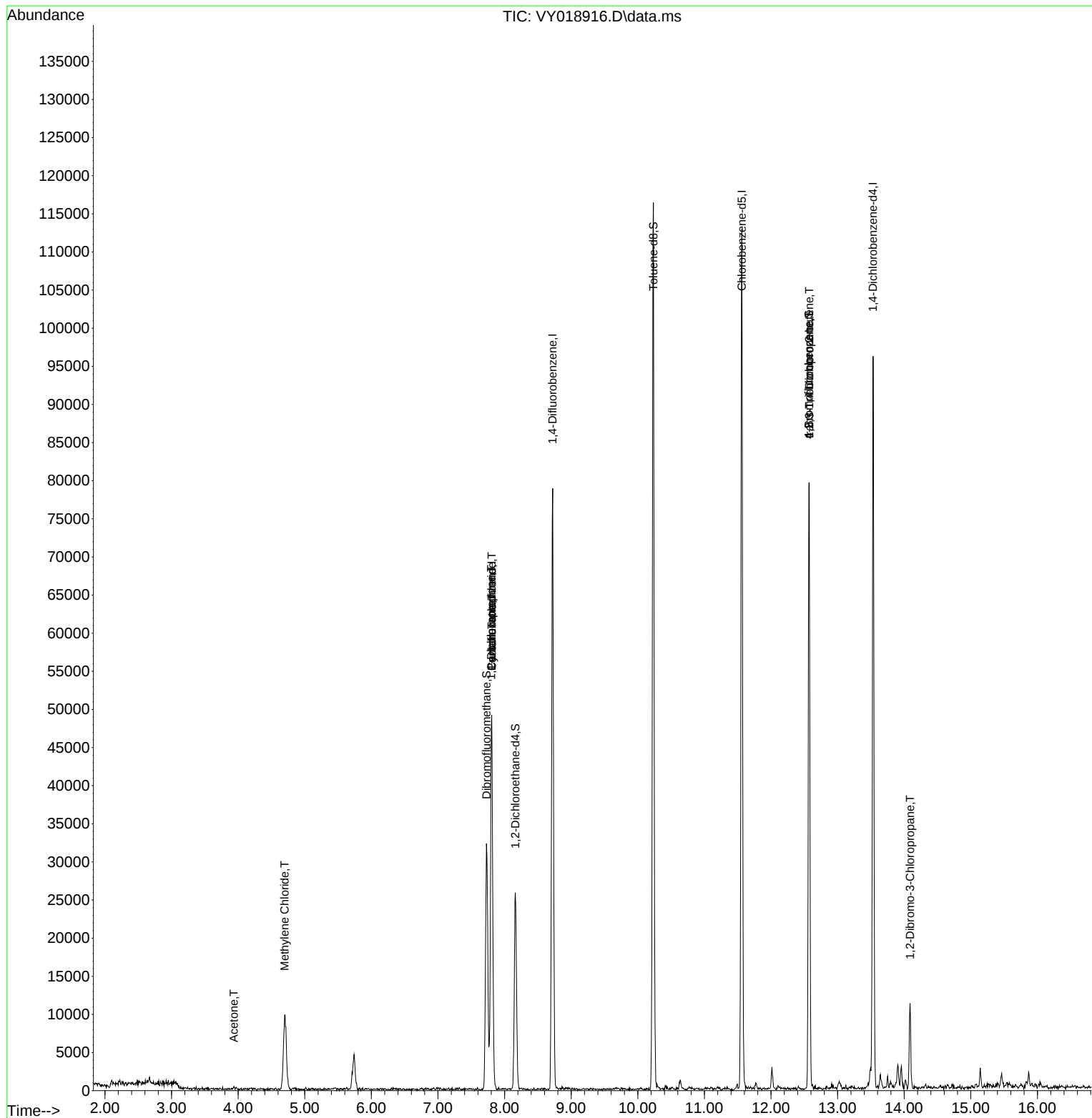
Target Compounds					Qvalue	
16) Acetone	3.936	43	224	3.136	ug/l #	72
20) Methylene Chloride	4.698	84	8069	16.635	ug/l #	89
31) Cyclohexane	7.807	56	888	1.492	ug/l #	52
36) 1,1-Dichloropropene	7.801	75	2980	5.027	ug/l #	44
38) Carbon Tetrachloride	7.807	117	4172	5.843	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	13245	69.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	13245	154.911	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.087	75	331	7.247	ug/l #	1

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

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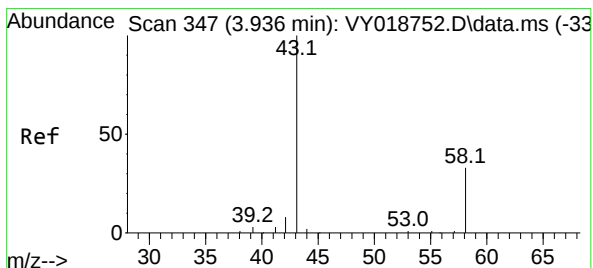
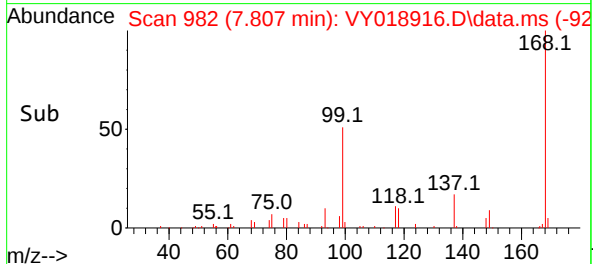
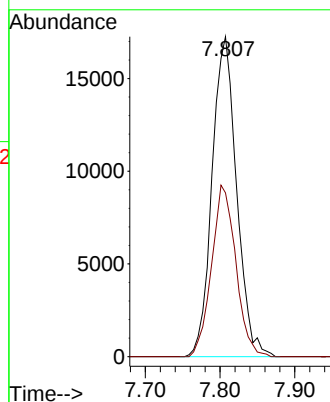
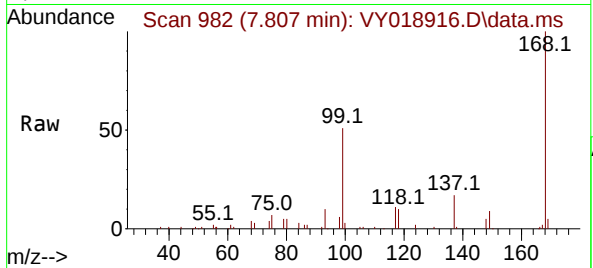




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

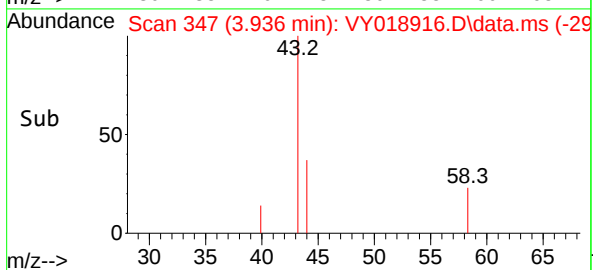
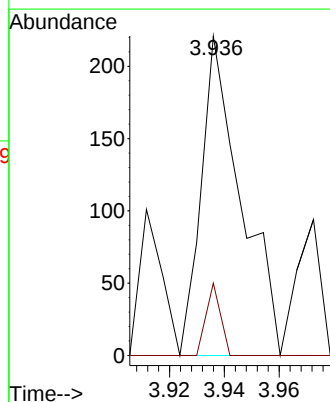
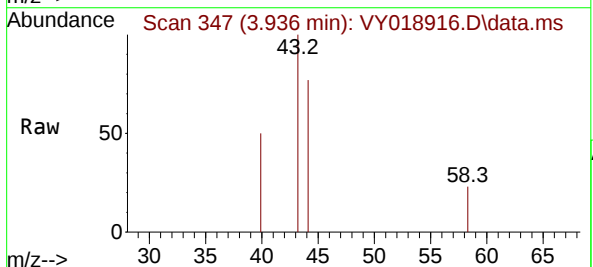
Instrument :
MSVOA_Y
ClientSampleId :

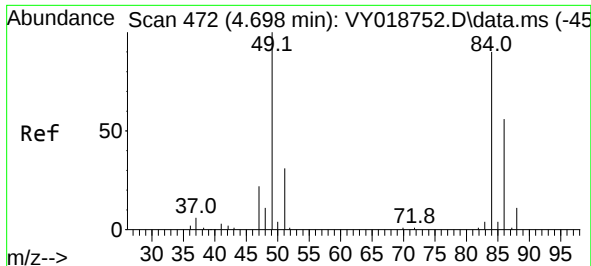
Tgt Ion:168 Resp: 39373
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#16
Acetone
Concen: 3.136 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

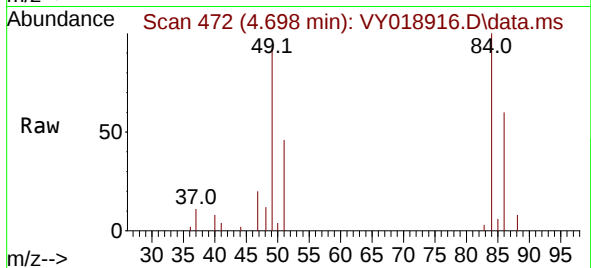
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 22.6 31.7 47.5#



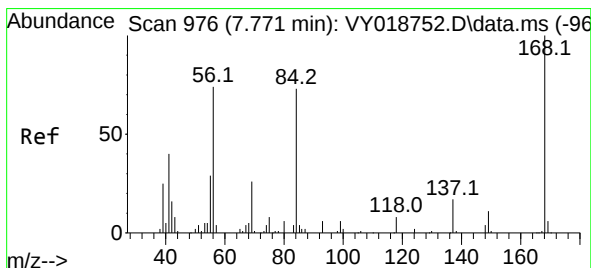
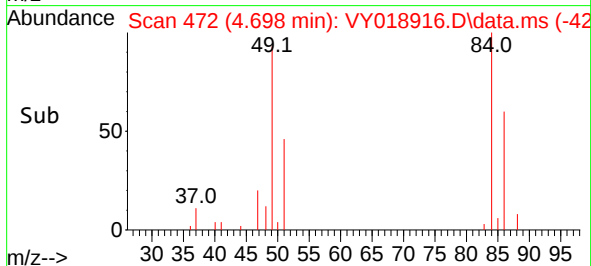
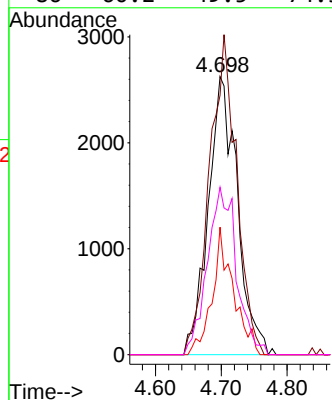


#20
Methylene Chloride
Concen: 16.635 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

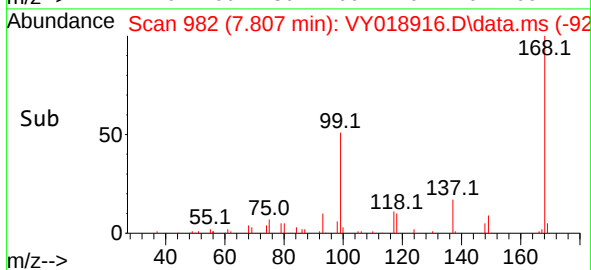
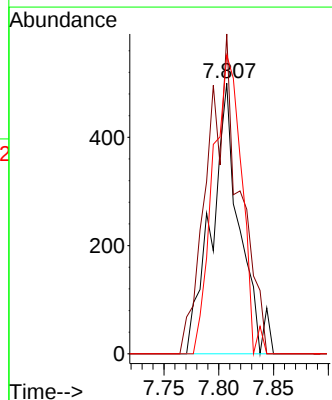
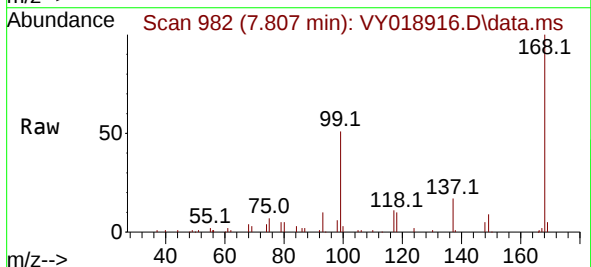


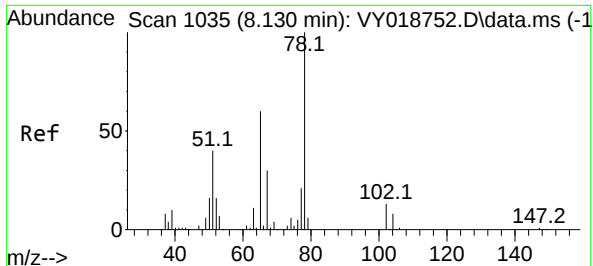
Tgt Ion:	84	Resp:	8069
Ion	Ratio	Lower	Upper
84	100		
49	93.3	84.4	126.6
51	45.8	26.0	39.0#
86	60.2	49.5	74.3



#31
Cyclohexane
Concen: 1.492 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.037 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Tgt Ion:	56	Resp:	888
Ion	Ratio	Lower	Upper
56	100		
69	118.2	28.7	43.1#
84	110.4	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 54.899 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.030 min

Lab File: VY018916.D

Acq: 25 Jul 2024 15:56

Instrument :

MSVOA_Y

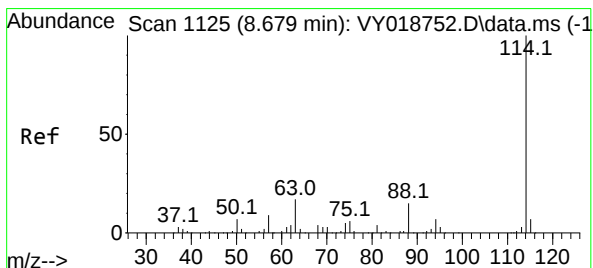
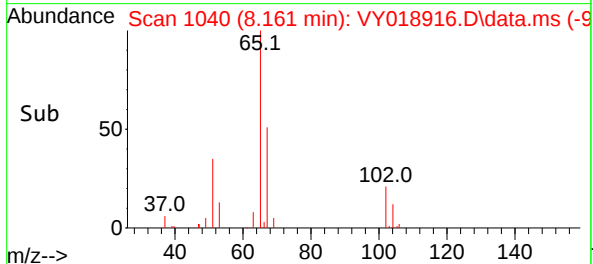
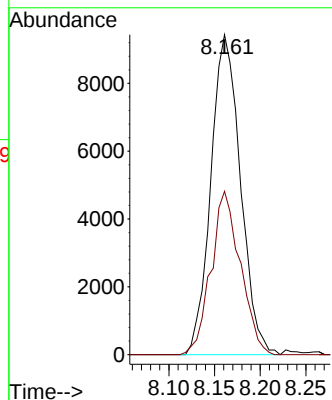
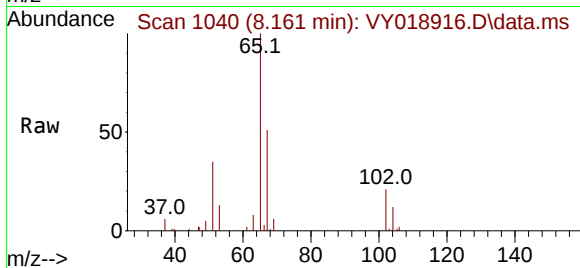
ClientSampleId :

Tgt Ion: 65 Resp: 21270

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.043 min

Lab File: VY018916.D

Acq: 25 Jul 2024 15:56

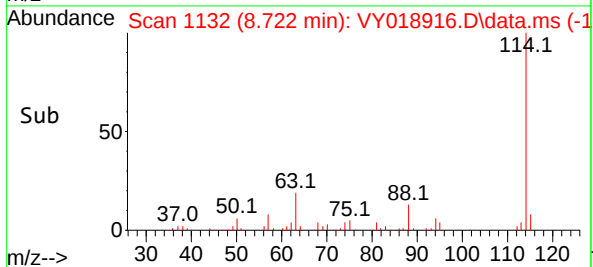
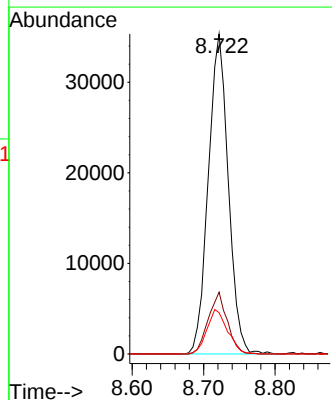
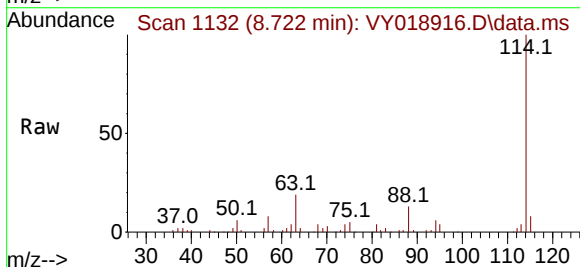
Tgt Ion: 114 Resp: 68584

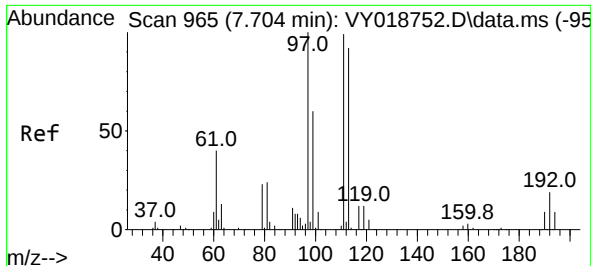
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 12.9 0.0 27.2

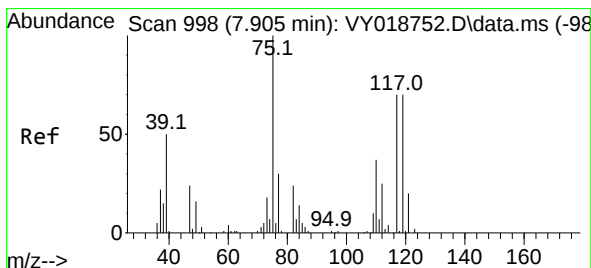
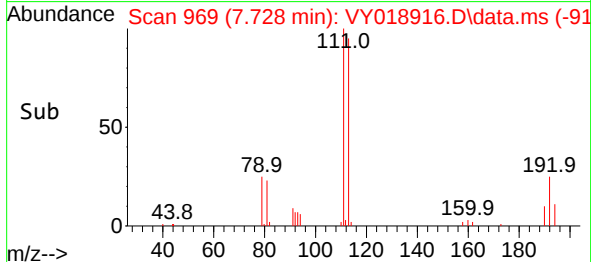
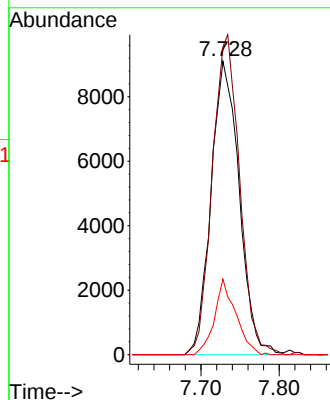
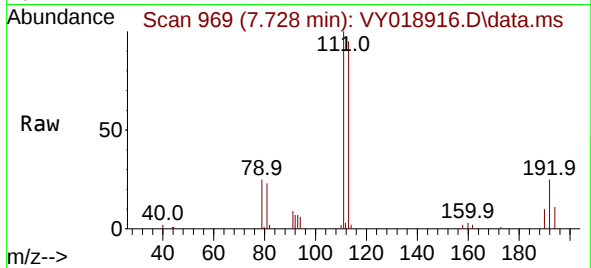




#35
Dibromofluoromethane
Concen: 52.894 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

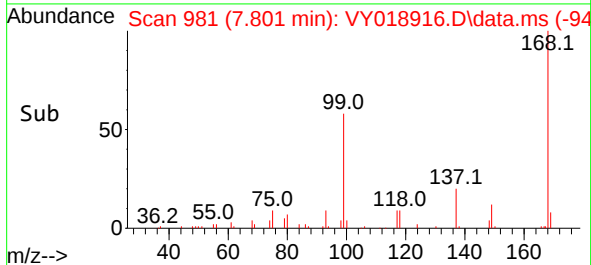
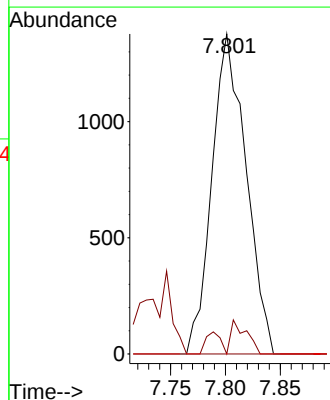
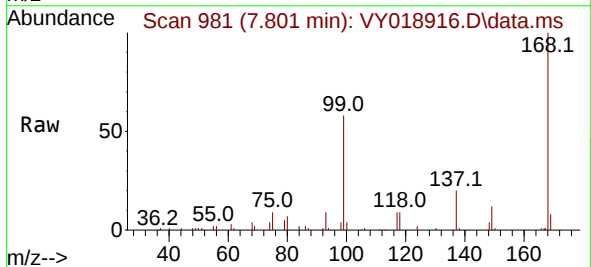
Instrument :
MSVOA_Y
ClientSampleId :

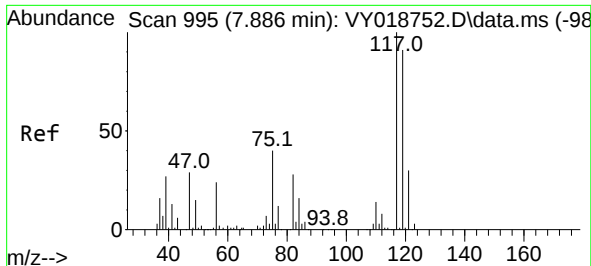
Tgt Ion:113 Resp: 22721
Ion Ratio Lower Upper
113 100
111 105.7 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

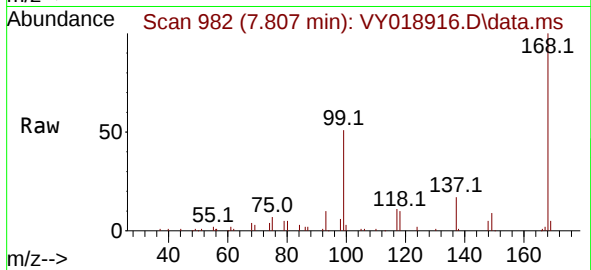
Tgt Ion: 75 Resp: 2980
Ion Ratio Lower Upper
75 100
110 4.8 19.0 57.0#
77 0.0 25.3 37.9#



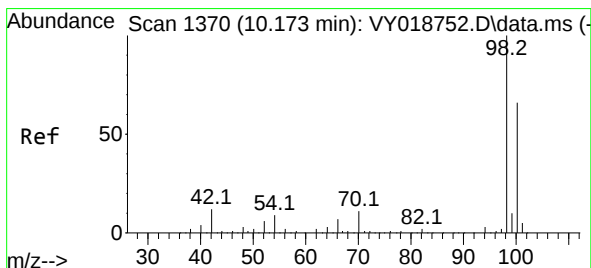
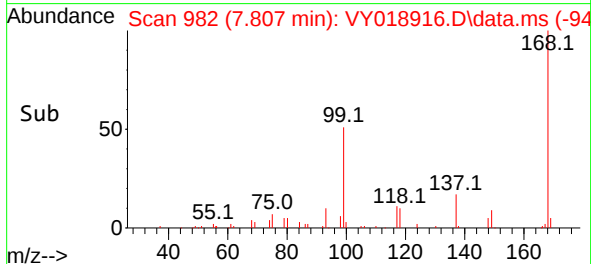
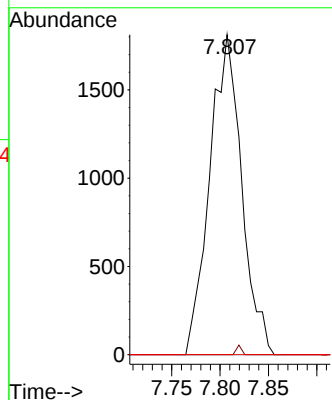


#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.079 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

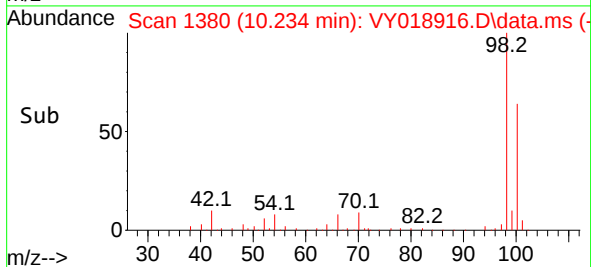
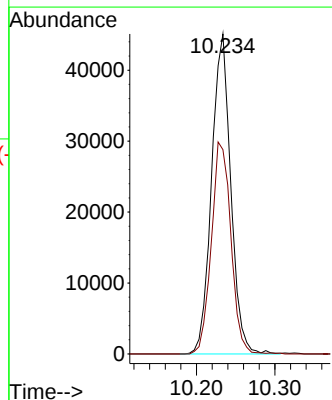
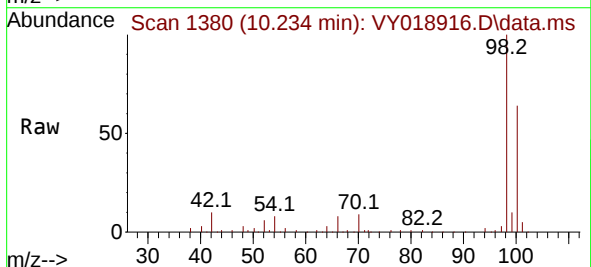


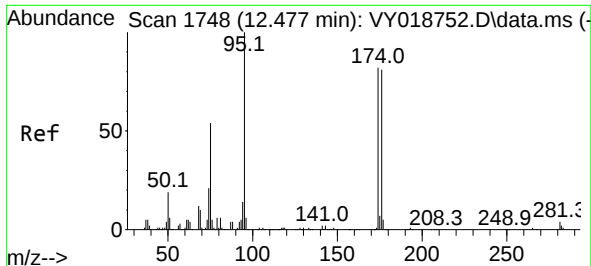
Tgt Ion:117 Resp: 4172
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.138 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. 0.061 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Tgt Ion: 98 Resp: 76713
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0

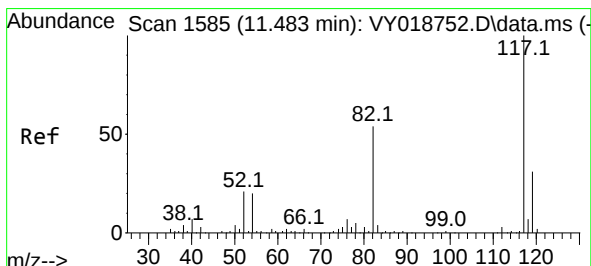
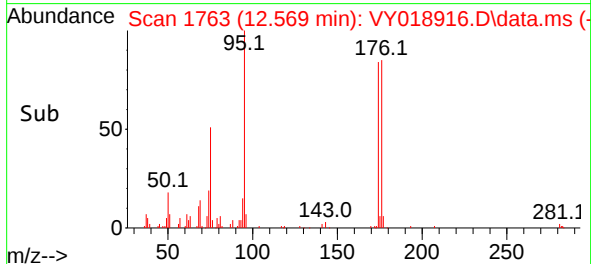
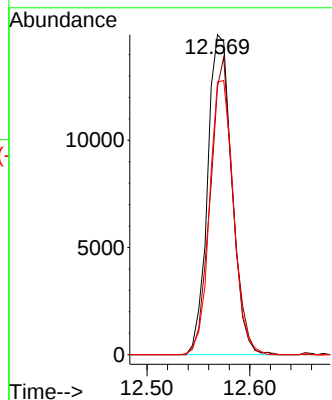
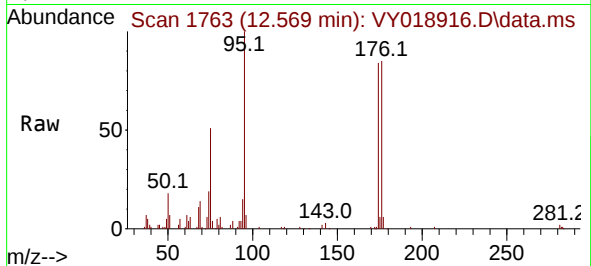




#62
4-Bromofluorobenzene
Concen: 43.993 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

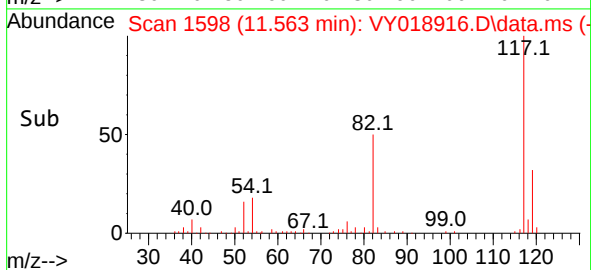
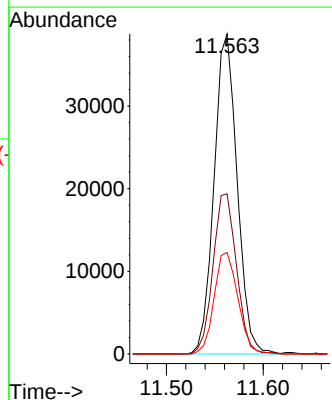
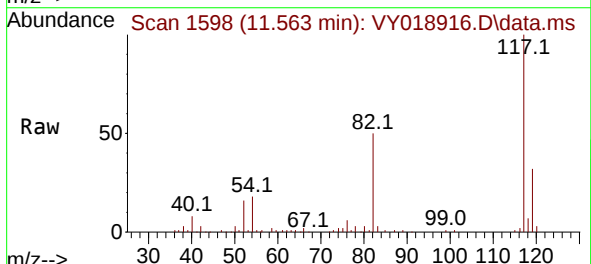
Instrument :
MSVOA_Y
ClientSampleId :

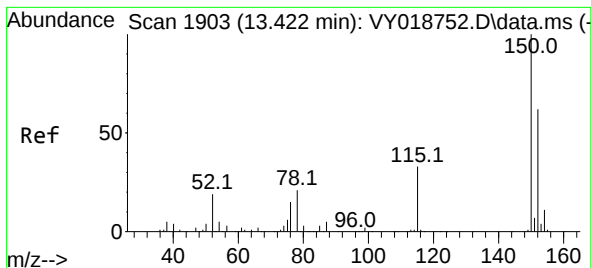
Tgt Ion: 95 Resp: 24450
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.6
176 84.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 1598
Delta R.T. 0.079 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Tgt Ion: 117 Resp: 64151
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.532 min Scan# 1903

Delta R.T. 0.110 min

Lab File: VY018916.D

Acq: 25 Jul 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

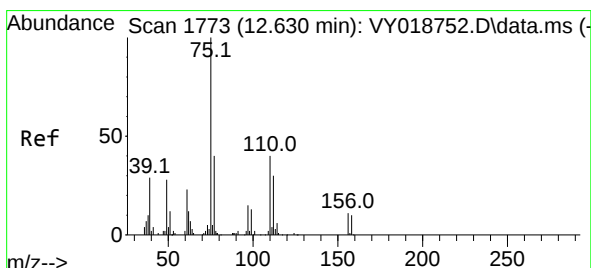
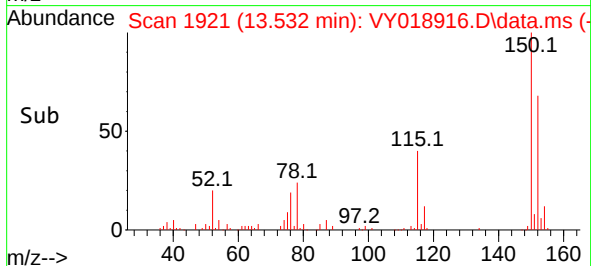
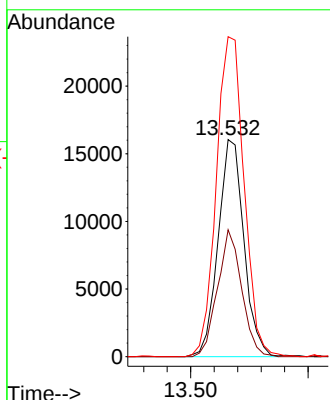
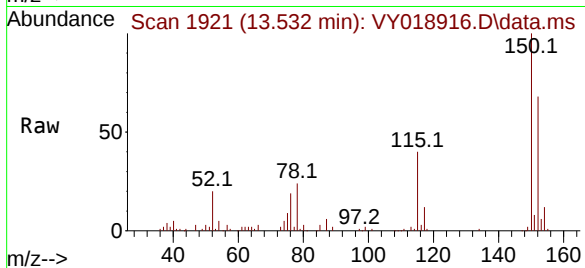
Tgt Ion:152 Resp: 24432

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 158.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.216 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.055 min

Lab File: VY018916.D

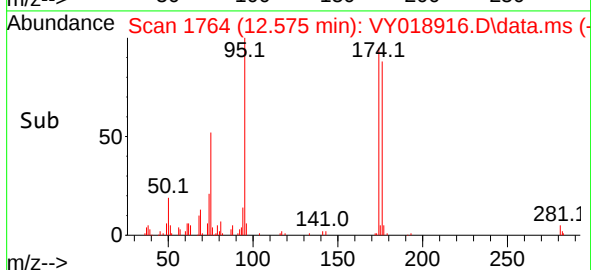
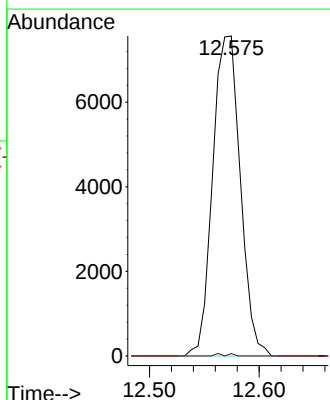
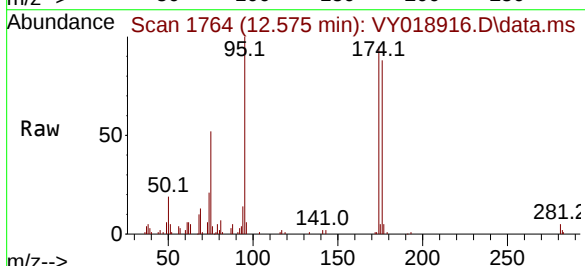
Acq: 25 Jul 2024 15:56

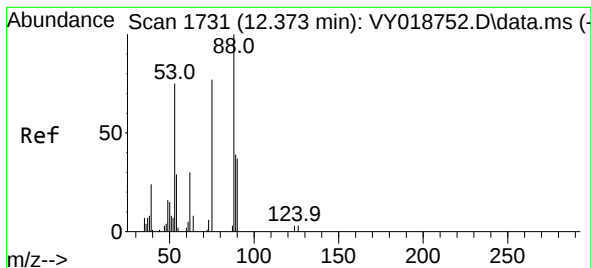
Tgt Ion: 75 Resp: 13245

Ion Ratio Lower Upper

75 100

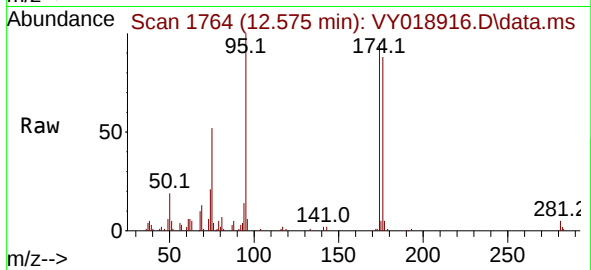
77 0.3 0.0 0.0#



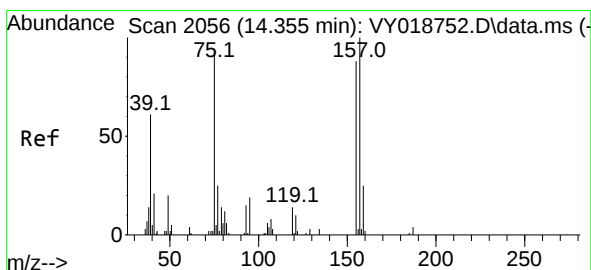
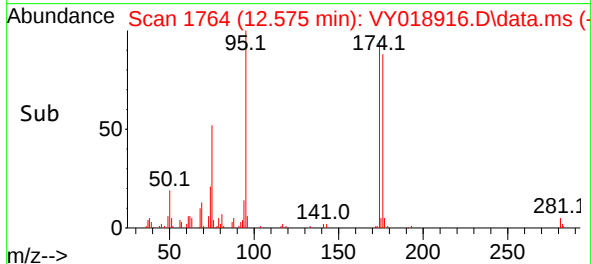
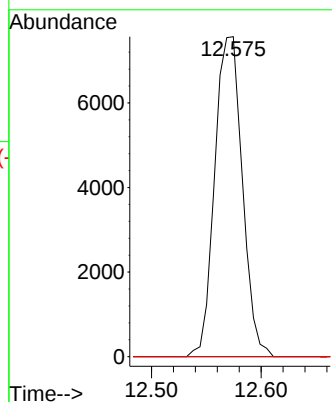


#81
trans-1,4-Dichloro-2-butene
Concen: 154.911 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.201 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 13245
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.247 ug/l
RT: 14.087 min Scan# 2012
Delta R.T. -0.268 min
Lab File: VY018916.D
Acq: 25 Jul 2024 15:56

Tgt Ion: 75 Resp: 331
Ion Ratio Lower Upper
75 100
155 7.9 48.6 145.8#
157 0.0 62.7 188.2#

