

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018765.D
 Acq On : 10 Jul 2024 13:56
 Operator : SY/MD
 Sample : P3170-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:23:49 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)

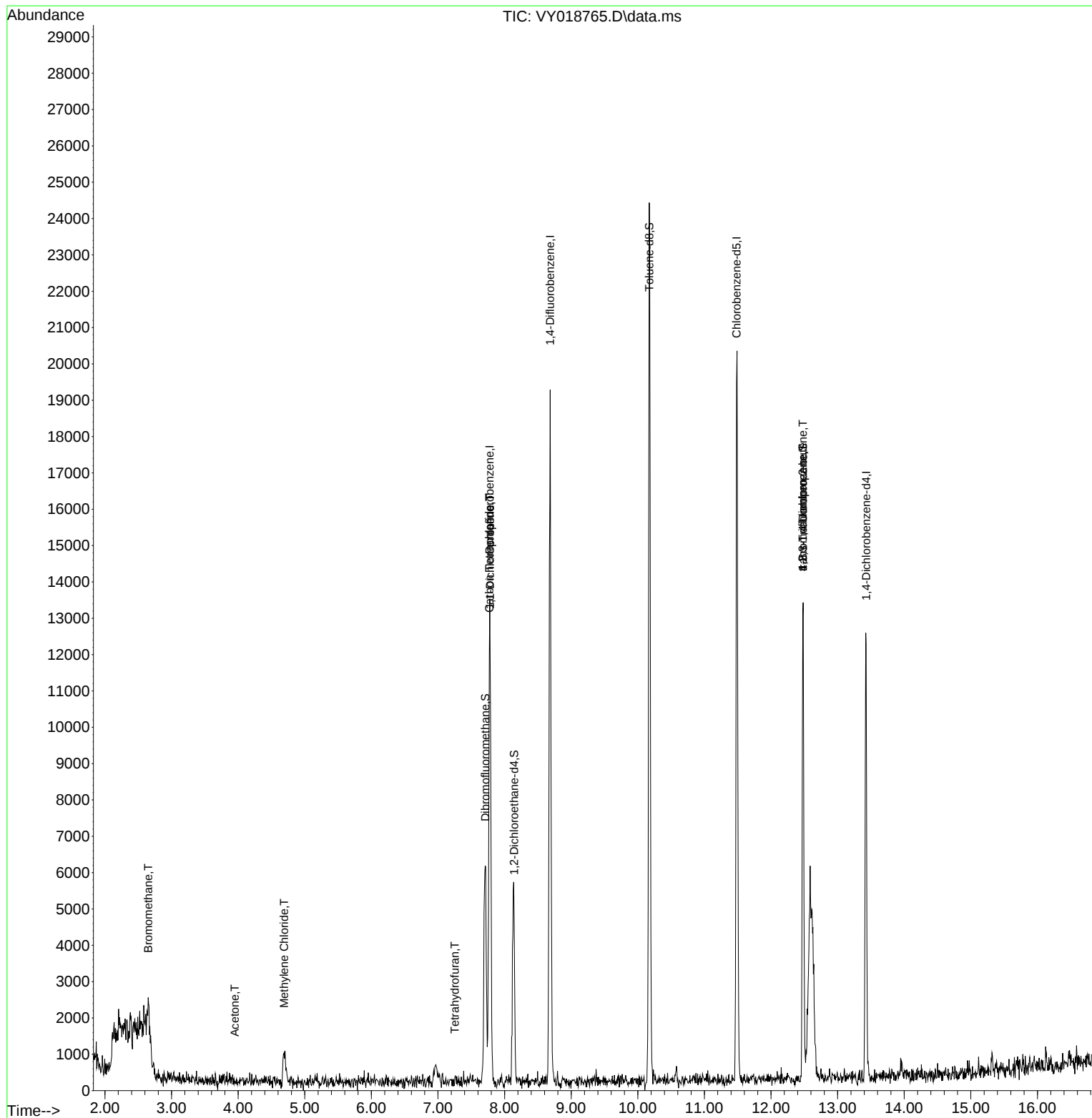
Internal Standards						
1) Pentafluorobenzene	7.777	168	10339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	11853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4728	46.472	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.710	113	4828	49.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.173	98	16554	45.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.477	95	4112	32.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.600%
Target Compounds						
					Qvalue	
5) Bromomethane	2.649	94	374	3.531	ug/l	100
16) Acetone	3.948	43	22	1.173	ug/l #	36
20) Methylene Chloride	4.692	84	755	2.380	ug/l #	84
29) Tetrahydrofuran	7.252	42	21	1.303	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	769	5.751	ug/l #	40
38) Carbon Tetrachloride	7.771	117	1154	7.166	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	2010	70.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2010	158.663	ug/l #	16

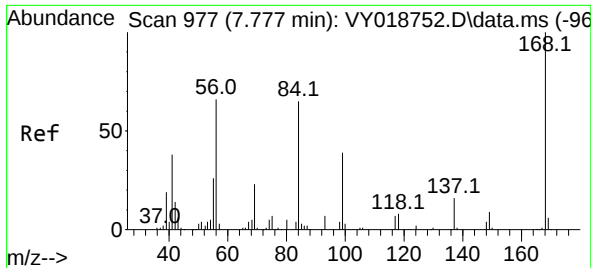
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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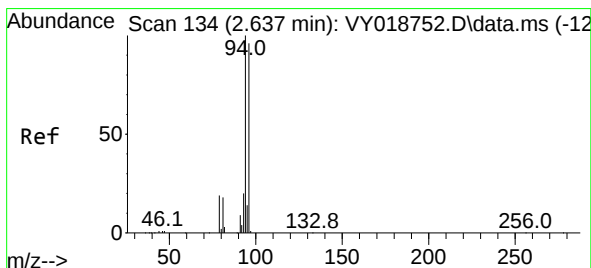
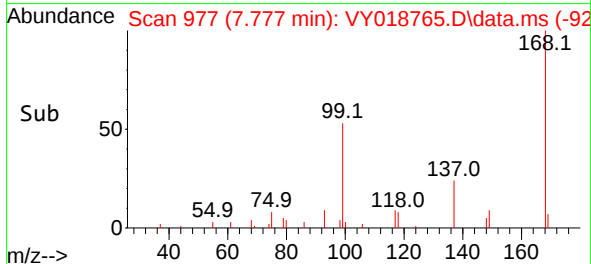
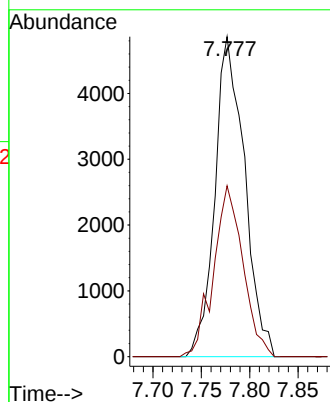
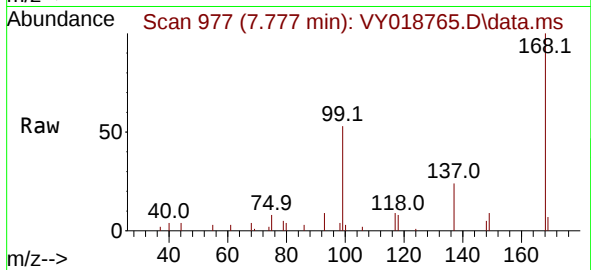




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

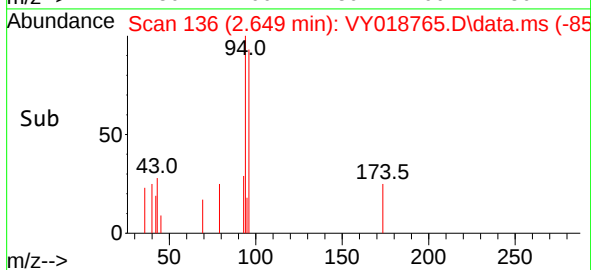
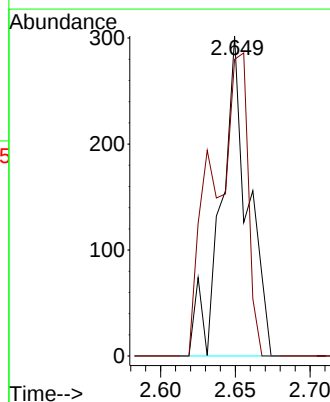
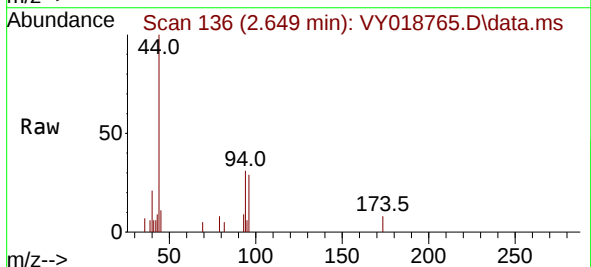
Instrument :
MSVOA_Y
ClientSampleId :

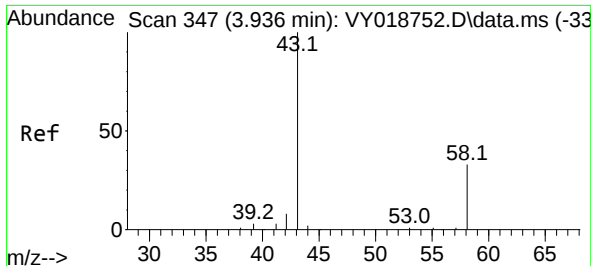
Tgt Ion:168 Resp: 10339
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#5
Bromomethane
Concen: 3.531 ug/l
RT: 2.649 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1





#16

Acetone

Concen: 1.173 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Instrument :

MSVOA_Y

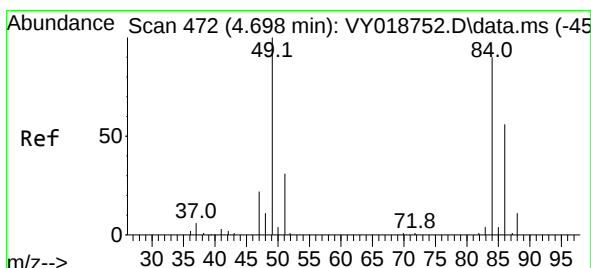
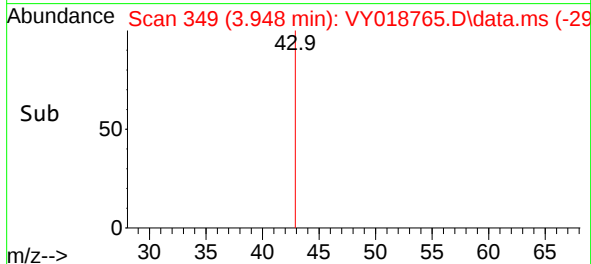
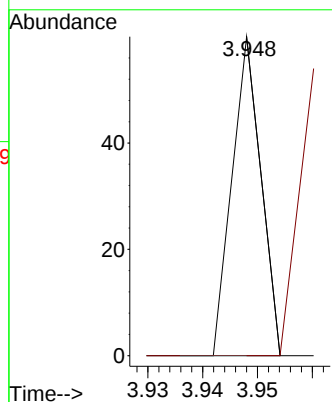
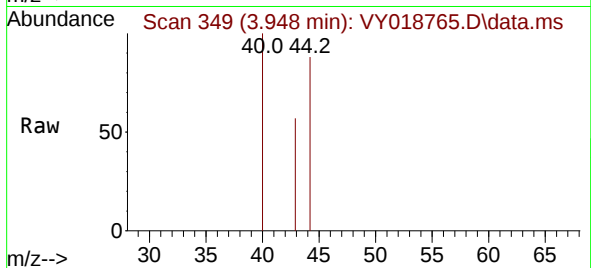
ClientSampleId :

Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 2.380 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Tgt Ion: 84 Resp: 755

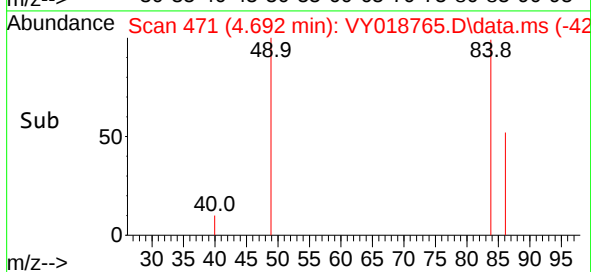
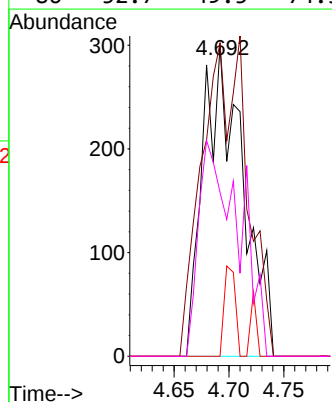
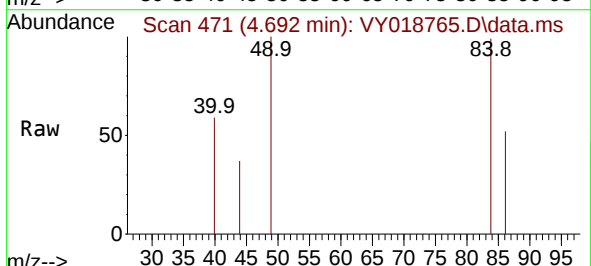
Ion Ratio Lower Upper

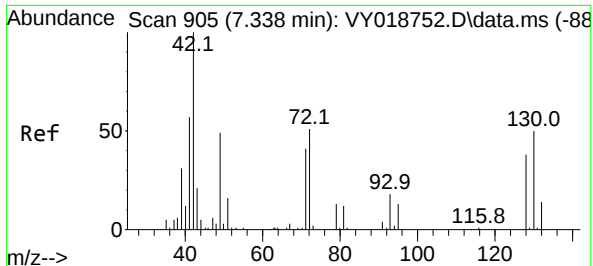
84 100

49 100.7 84.4 126.6

51 0.0 26.0 39.0#

86 52.7 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.303 ug/l

RT: 7.252 min Scan# 891

Delta R.T. -0.085 min

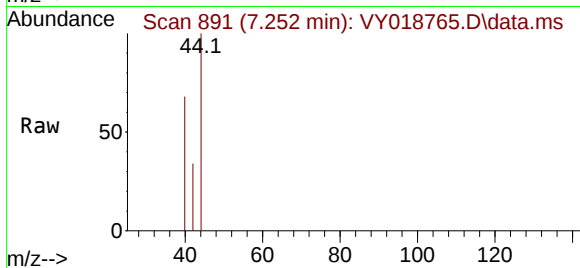
Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

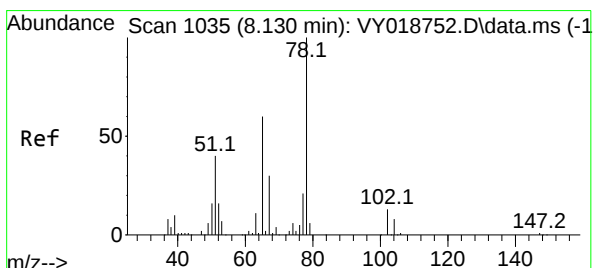
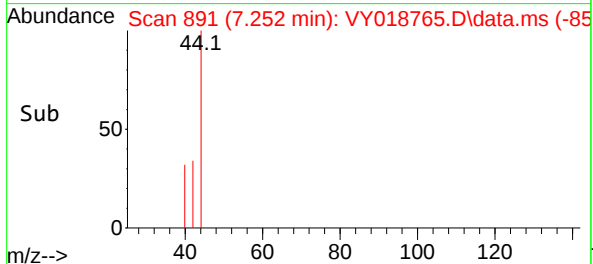
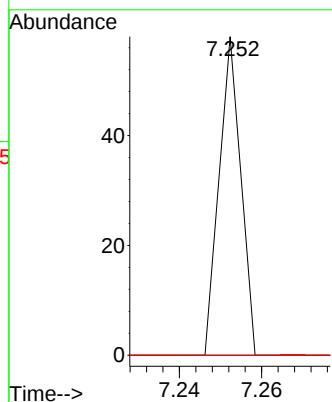
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	21
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 46.472 ug/l

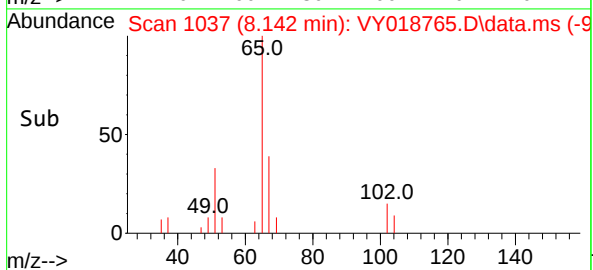
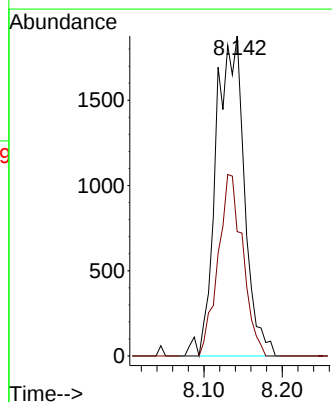
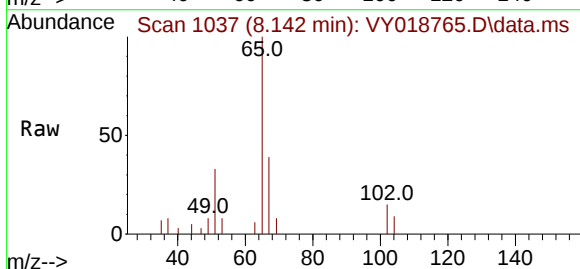
RT: 8.142 min Scan# 1037

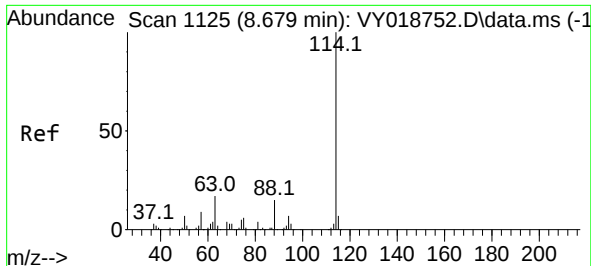
Delta R.T. 0.012 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Tgt Ion:	65	Resp:	4728
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	109.6

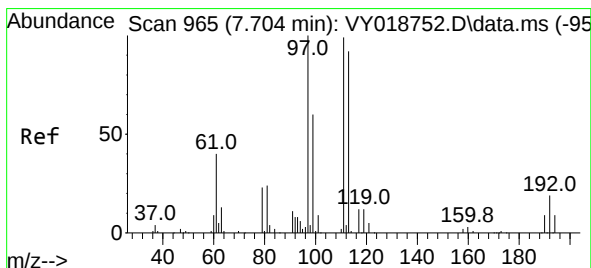
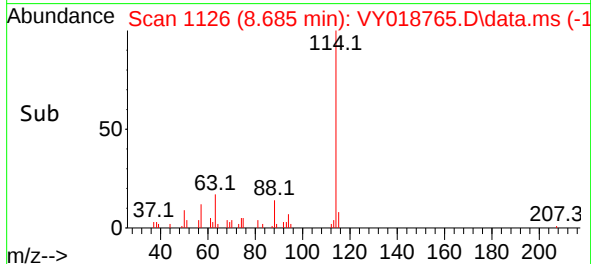
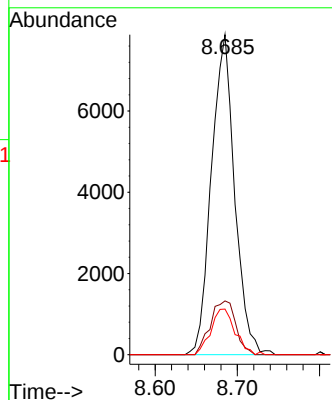
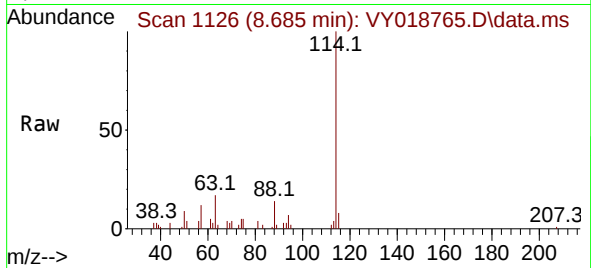




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

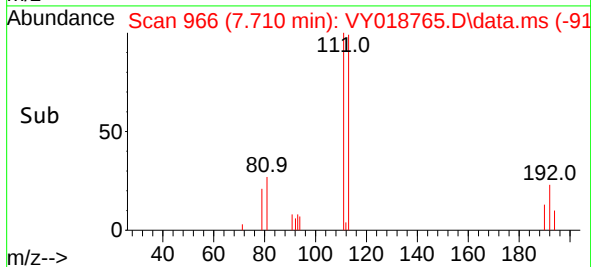
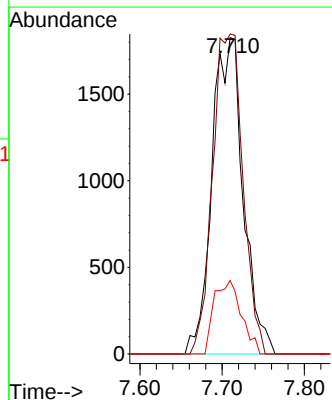
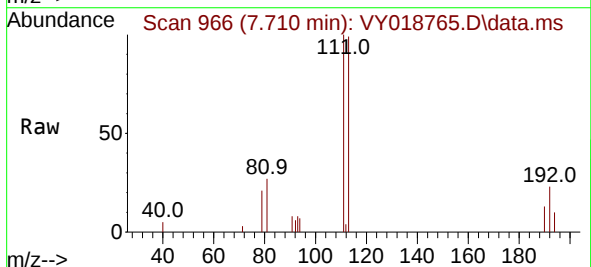
Instrument :
MSVOA_Y
ClientSampleId :

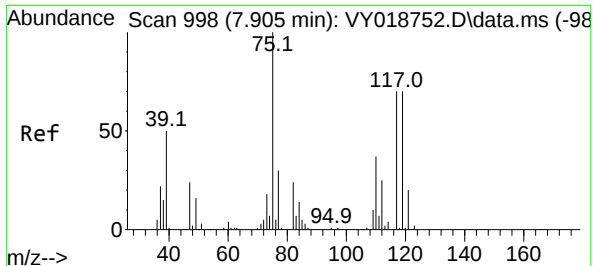
Tgt Ion:114 Resp: 15469
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.832 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Tgt Ion:113 Resp: 4828
Ion Ratio Lower Upper
113 100
111 98.3 82.2 123.4
192 20.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.751 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

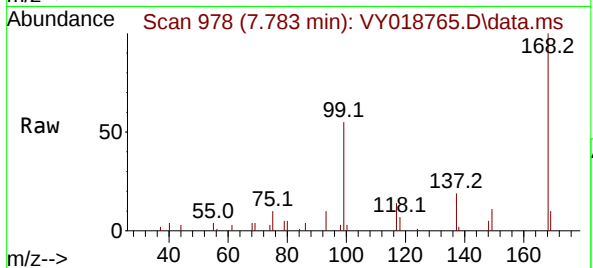
Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

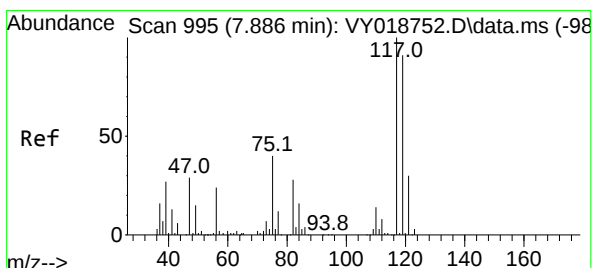
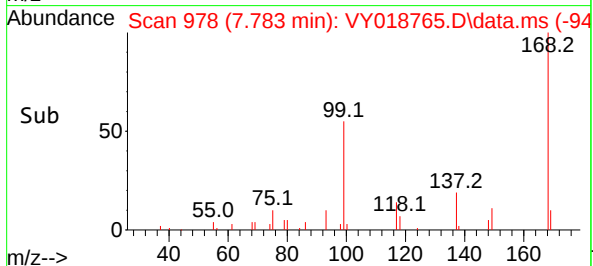
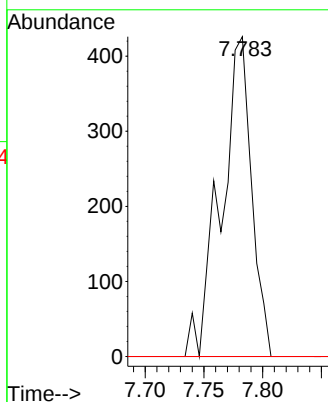
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 769
Ion Ratio	Lower Upper
75	100
110	0.0 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 7.166 ug/l

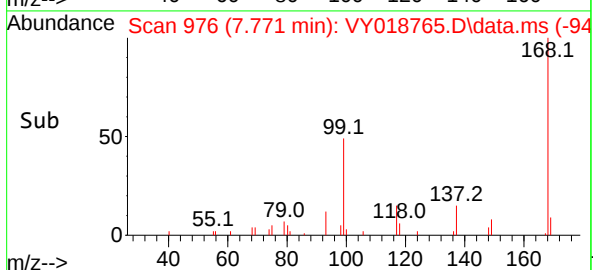
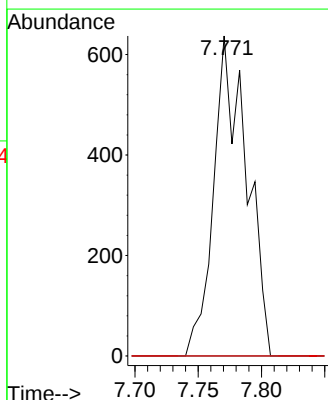
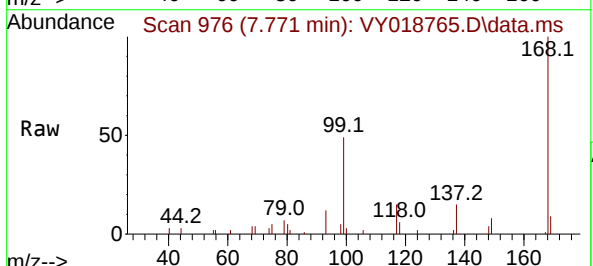
RT: 7.771 min Scan# 976

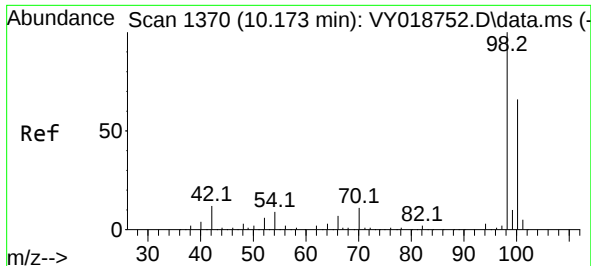
Delta R.T. -0.116 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Tgt Ion: 117	Resp: 1154
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.0 36.0#

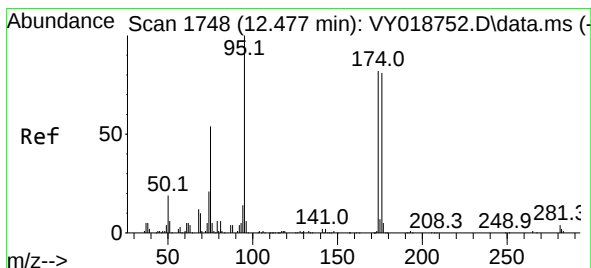
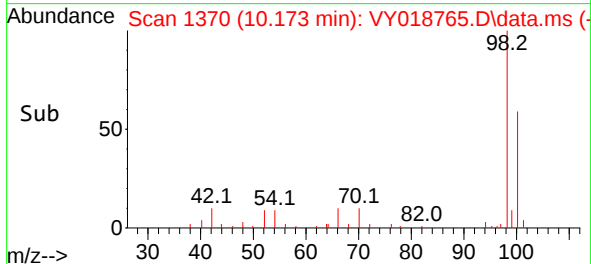
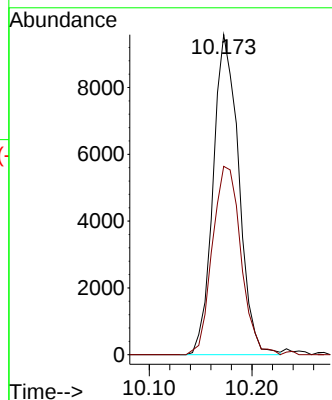
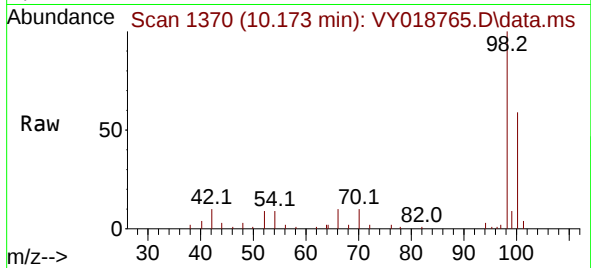




#50
Toluene-d8
Concen: 45.099 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

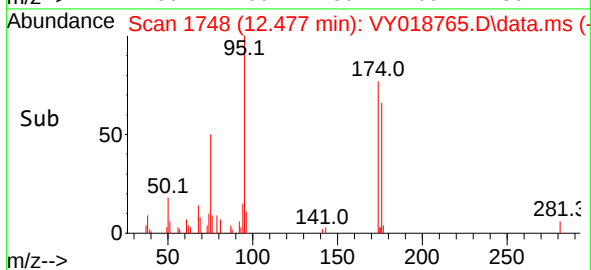
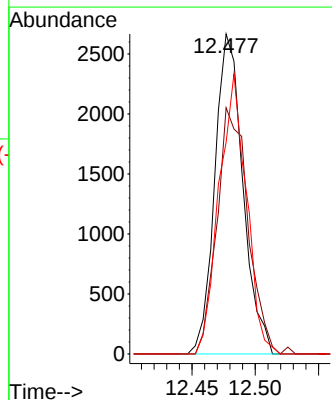
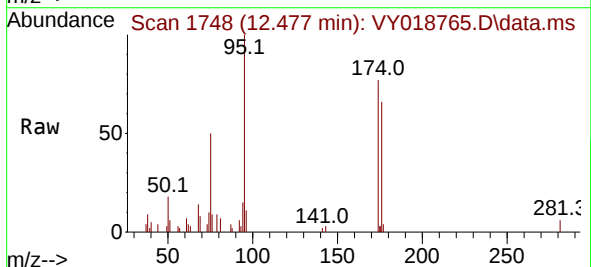
Instrument :
MSVOA_Y
ClientSampleId :

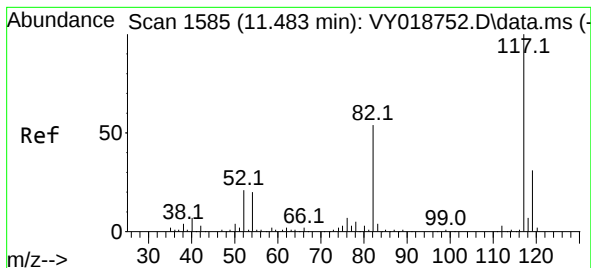
Tgt Ion: 98 Resp: 16554
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.804 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Tgt Ion: 95 Resp: 4112
Ion Ratio Lower Upper
95 100
174 85.4 0.0 175.6
176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

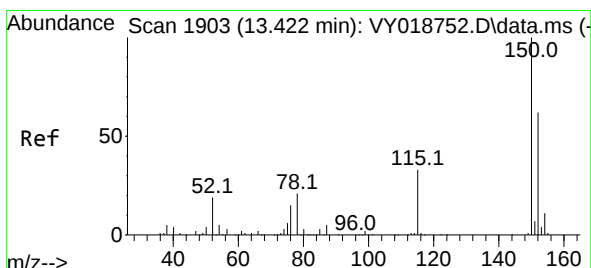
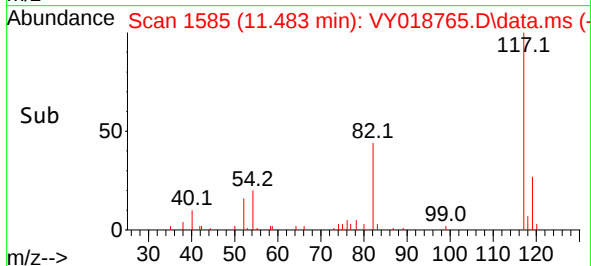
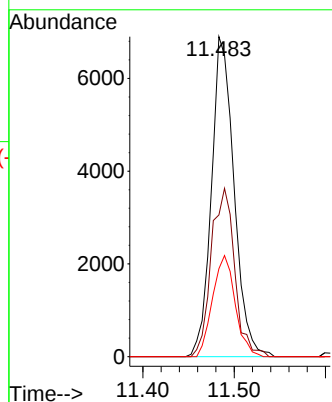
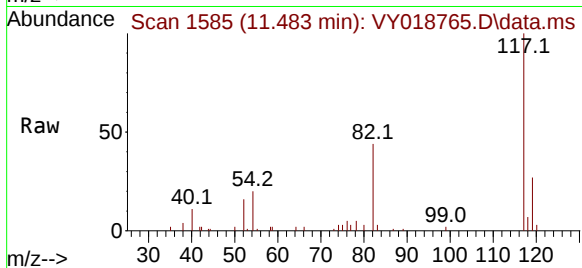
Tgt Ion:117 Resp: 11853

Ion Ratio Lower Upper

117 100

82 44.3 42.4 63.6

119 27.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

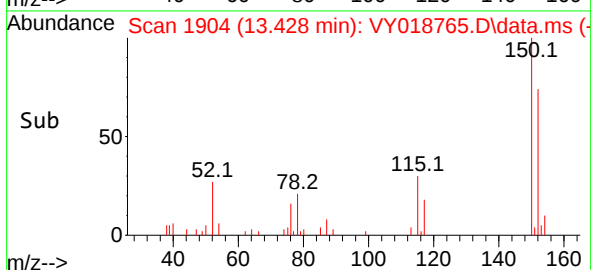
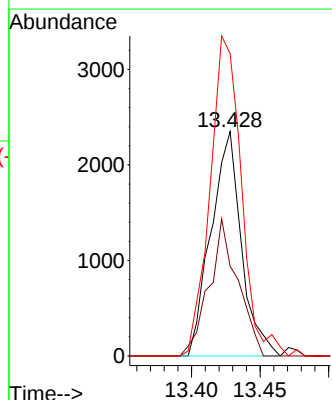
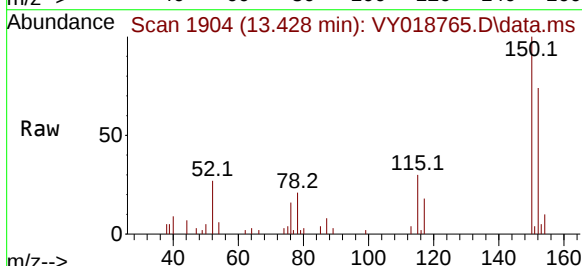
Tgt Ion:152 Resp: 3620

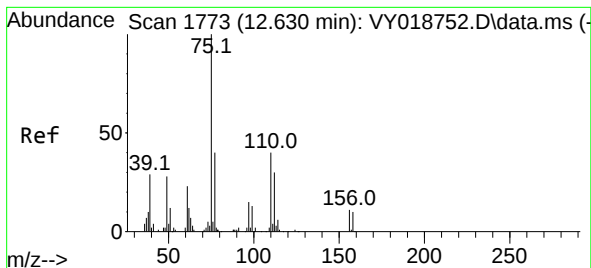
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 147.5 0.0 345.6

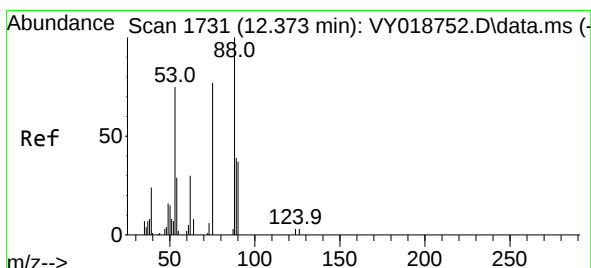
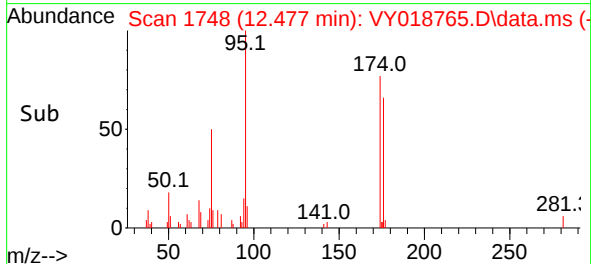
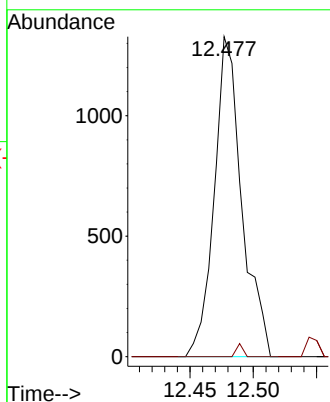
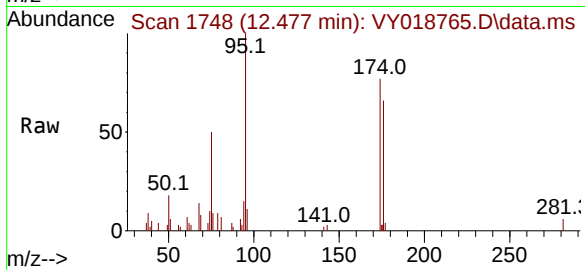




#76
1,2,3-Trichloropropane
Concen: 70.893 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2010
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.663 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Tgt Ion: 75 Resp: 2010
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

