

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018446.D
 Acq On : 03 Jun 2024 17:29
 Operator : SY/MD
 Sample : P2687-07
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Jun 04 05:43:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

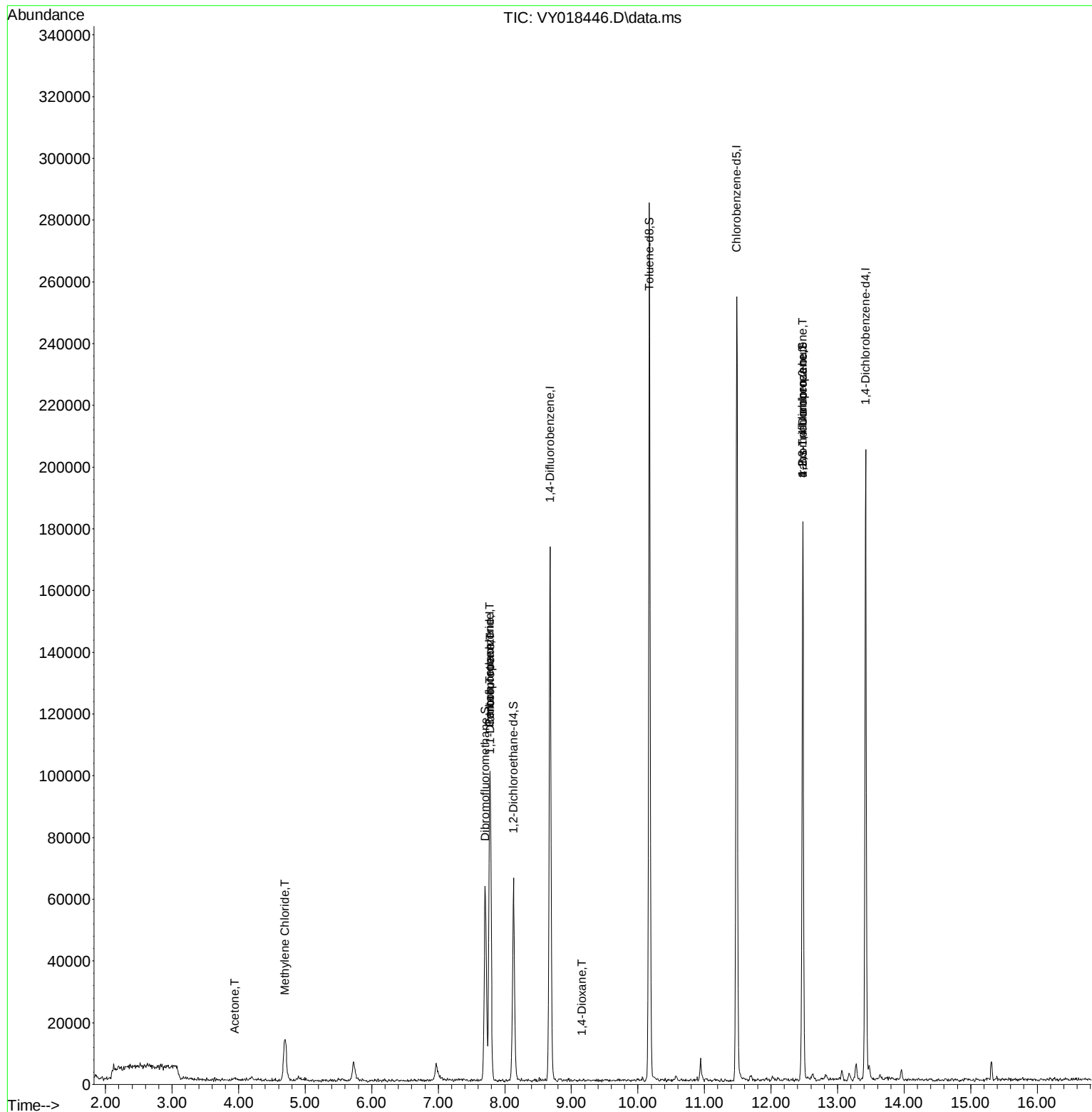
Internal Standards						
1) Pentafluorobenzene	7.777	168	73484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	148564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	134405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45954	31.844	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	63.680%	
35) Dibromofluoromethane	7.704	113	44281	23.505	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	47.020%#	
50) Toluene-d8	10.173	98	178554	23.824	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	47.640%#	
62) 4-Bromofluorobenzene	12.477	95	53149	22.777	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	45.560%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.924	59	816	Below Cal	#	88
16) Acetone	3.942	43	908	2.835	ug/l	95
20) Methylene Chloride	4.698	84	9395	2.384	ug/l	89
36) 1,1-Dichloropropene	7.783	75	6349	2.210	ug/l #	47
38) Carbon Tetrachloride	7.777	117	7704	2.676	ug/l #	16
49) 1,4-Dioxane	9.161	88	21	1.417	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	29288	48.336	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29288	101.550	ug/l #	16

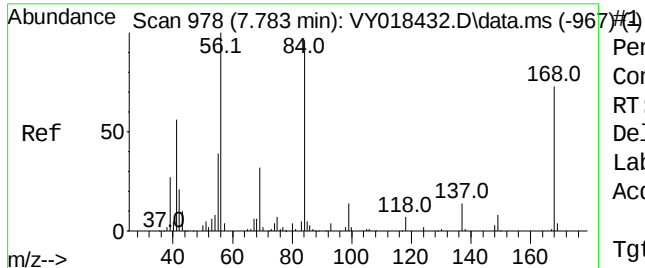
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018446.D
Acq On : 03 Jun 2024 17:29
Operator : SY/MD
Sample : P2687-07
Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

Quant Time: Jun 04 05:43:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 05:38:21 2024
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

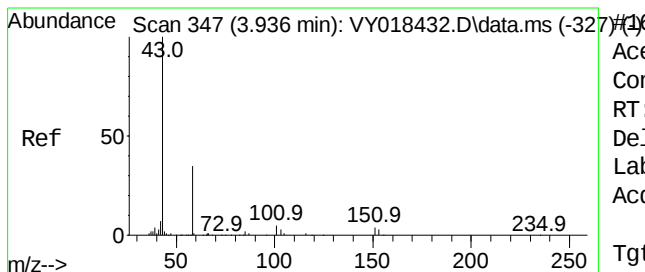
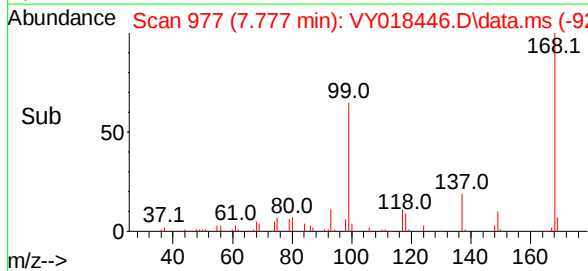
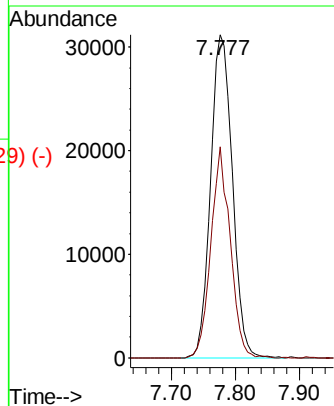
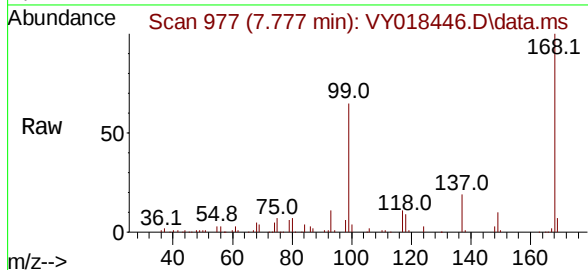
72-11998

Tgt Ion:168 Resp: 73484

Ion Ratio Lower Upper

168 100

99 65.3 39.1 58.7#



Acetone

Concen: 2.835 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY018446.D

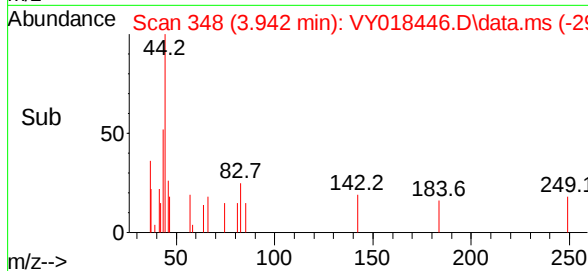
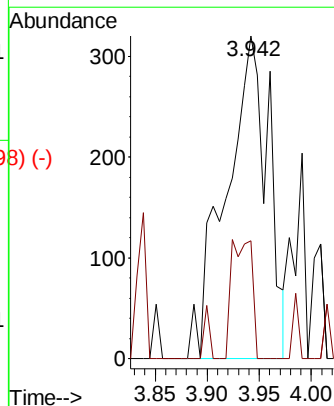
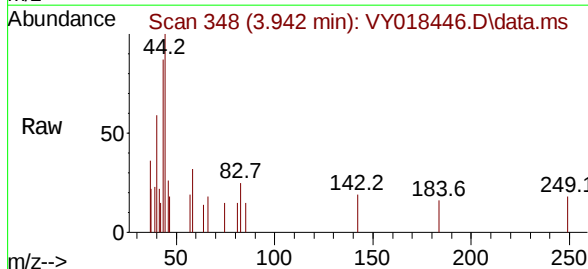
Acq: 03 Jun 2024 17:29

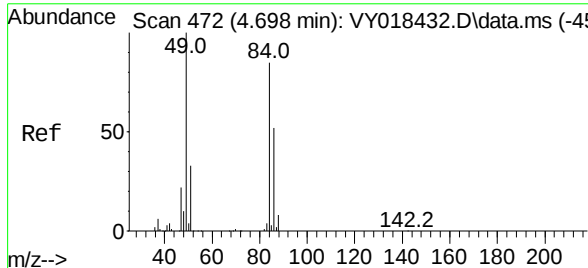
Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

43 100

58 36.6 31.7 47.5





Methylene Chloride

Concen: 2.384 ug/l

RT: 4.698 min Scan# 4

Delta R.T. -0.000 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

Tgt Ion: 84 Resp: 9395

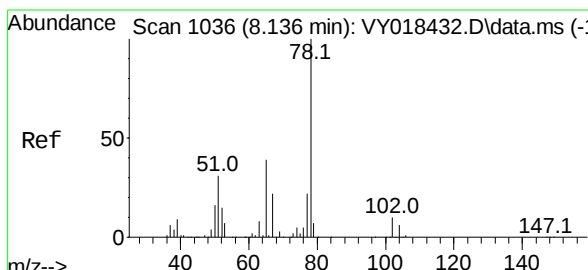
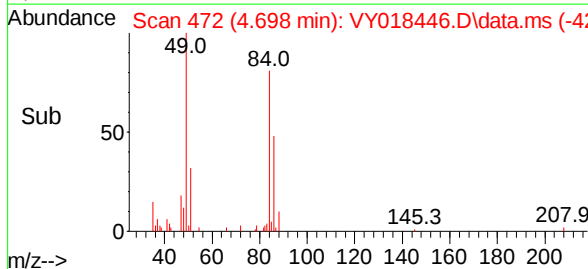
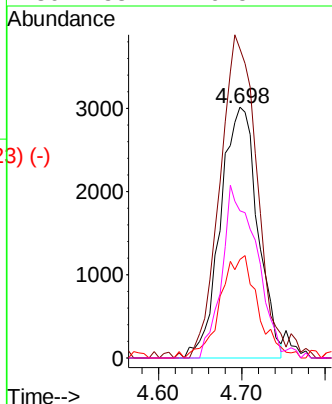
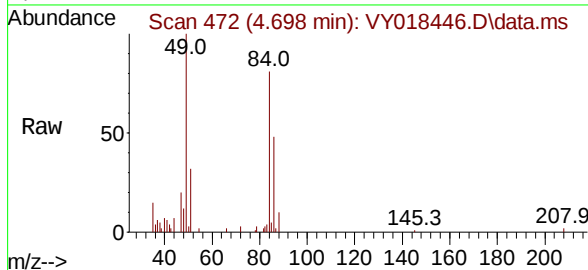
Ion Ratio Lower Upper

84 100

49 121.4 84.4 126.6

51 36.8 26.0 39.0

86 58.7 49.5 74.3



1,2-Dichloroethane-d4

Concen: 31.844 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018446.D

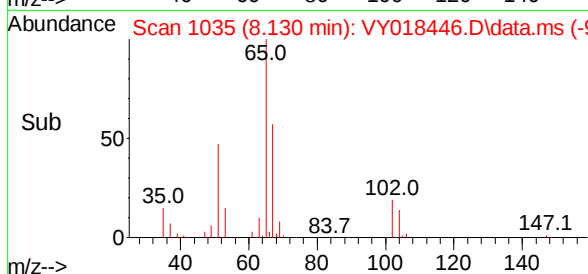
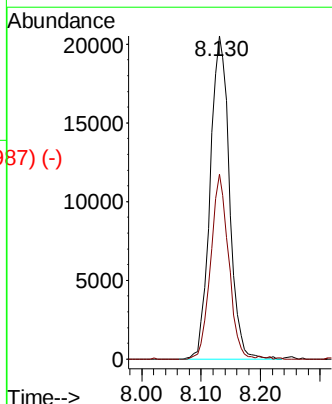
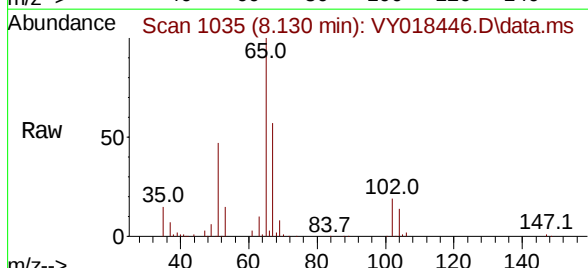
Acq: 03 Jun 2024 17:29

Tgt Ion: 65 Resp: 45954

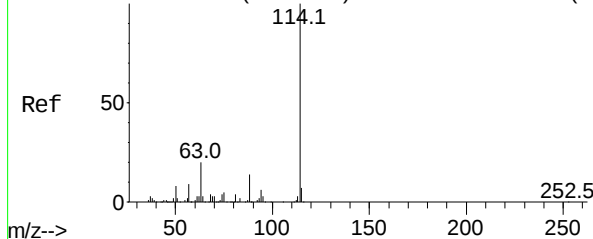
Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-1154)



1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

Tgt Ion:114 Resp: 148564

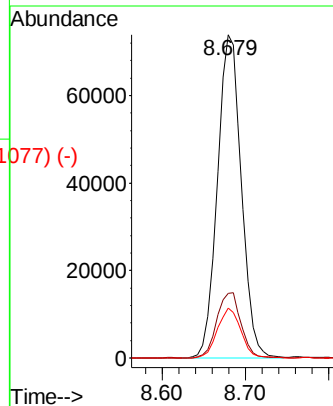
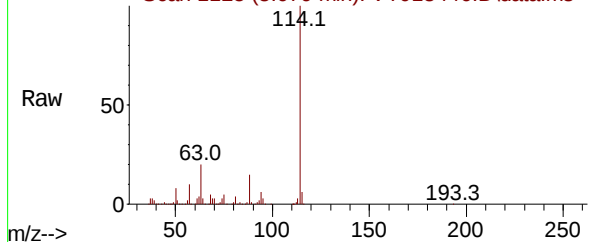
Ion Ratio Lower Upper

114 100

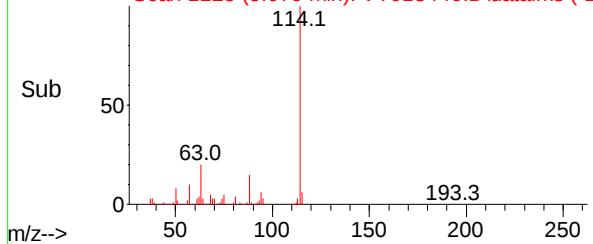
63 19.9 0.0 35.0

88 15.3 0.0 27.2

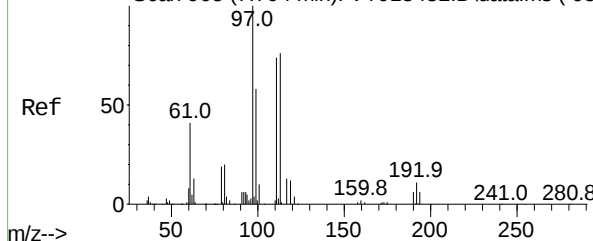
Abundance Scan 1125 (8.679 min): VY018446.D\data.ms



Abundance Scan 1125 (8.679 min): VY018446.D\data.ms (-1077) (-)



Abundance Scan 965 (7.704 min): VY018432.D\data.ms (-954) (-)



Dibromofluoromethane

Concen: 23.505 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Tgt Ion:113 Resp: 44281

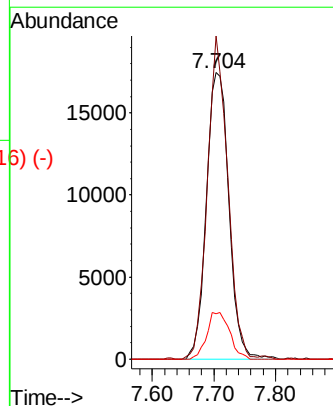
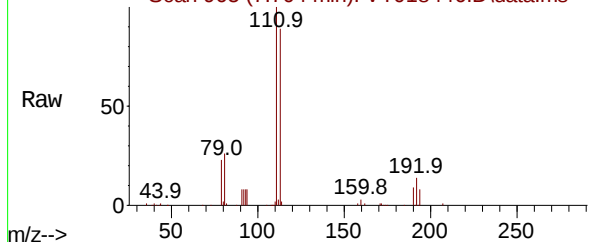
Ion Ratio Lower Upper

113 100

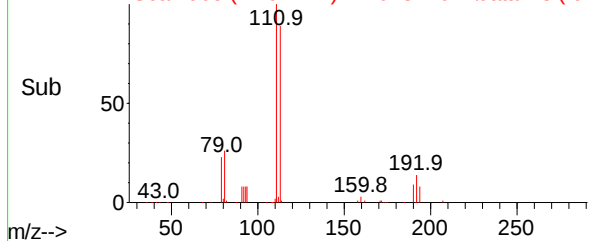
111 102.0 82.2 123.4

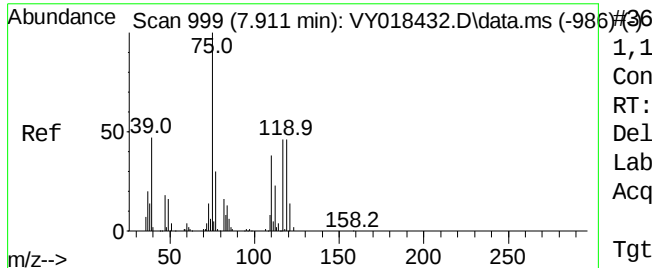
192 16.4 15.9 23.9

Abundance Scan 965 (7.704 min): VY018446.D\data.ms



Abundance Scan 965 (7.704 min): VY018446.D\data.ms (-916) (-)





1,1-Dichloropropene

Concen: 2.210 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

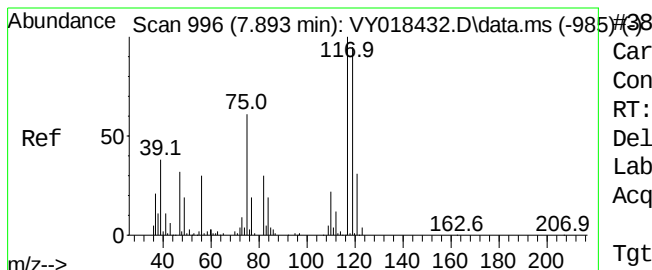
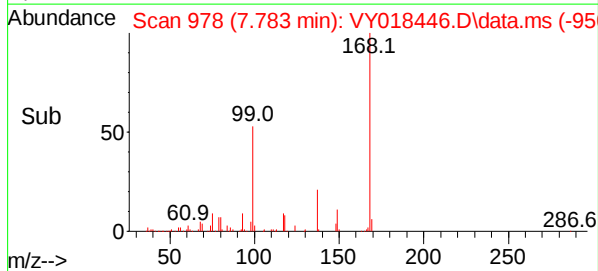
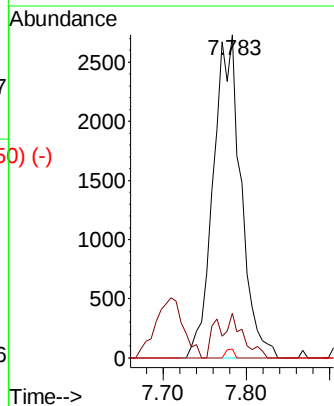
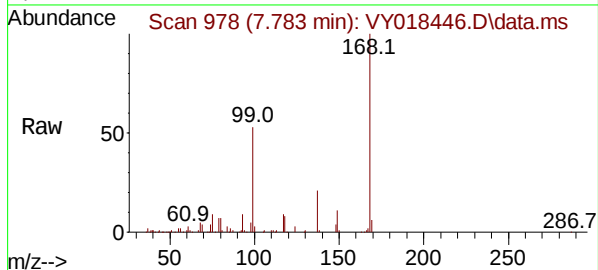
Tgt Ion: 75 Resp: 6349

Ion Ratio Lower Upper

75 100

110 6.8 19.0 57.0#

77 0.8 25.3 37.9#



Carbon Tetrachloride

Concen: 2.676 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

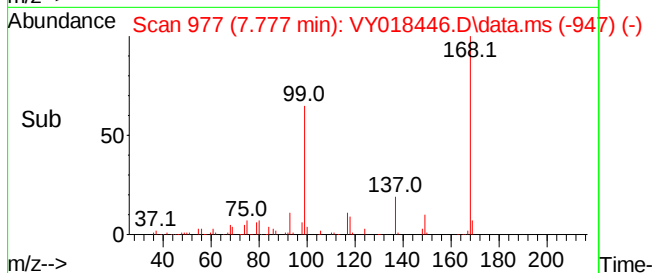
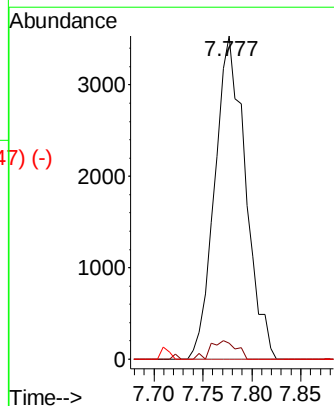
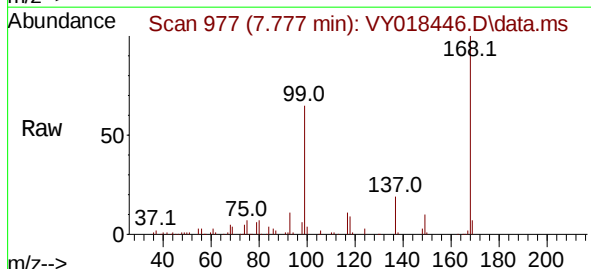
Tgt Ion: 117 Resp: 7704

Ion Ratio Lower Upper

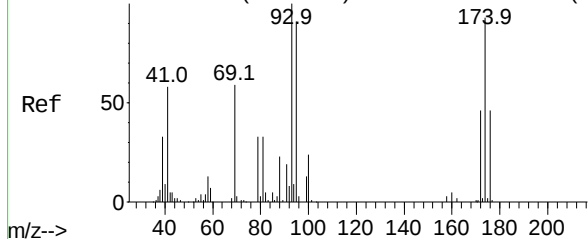
117 100

119 5.0 75.8 113.6#

121 0.0 24.0 36.0#



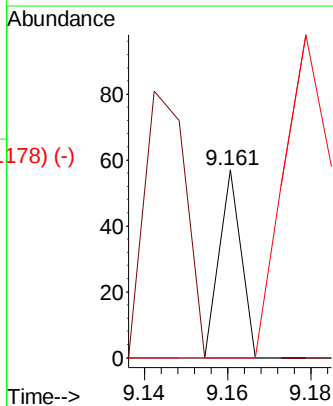
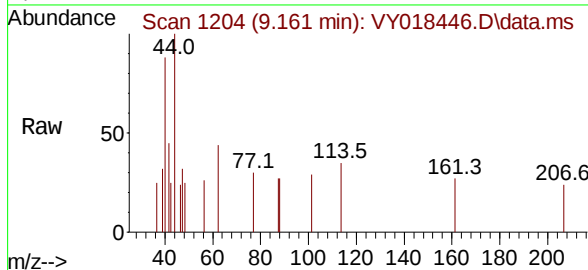
Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1216)



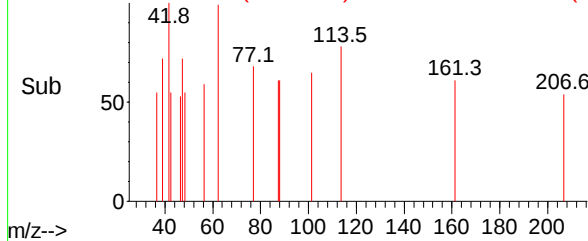
1,4-Dioxane
Concen: 1.417 ug/l
RT: 9.161 min Scan# 119
Delta R.T. -0.140 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

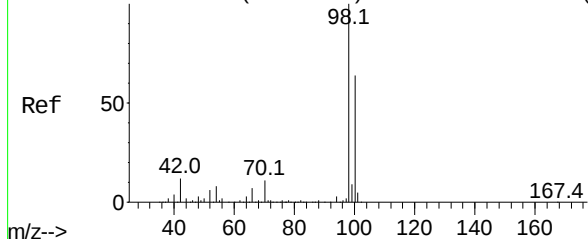
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 361.9 49.3 73.9#



Abundance Scan 1204 (9.161 min): VY018446.D\data.ms (-1178) (-)

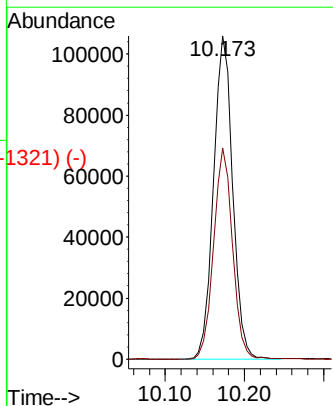
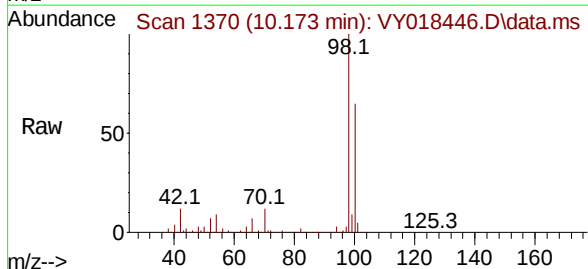


Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1359) (-)

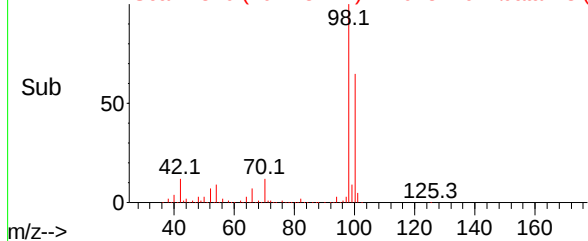


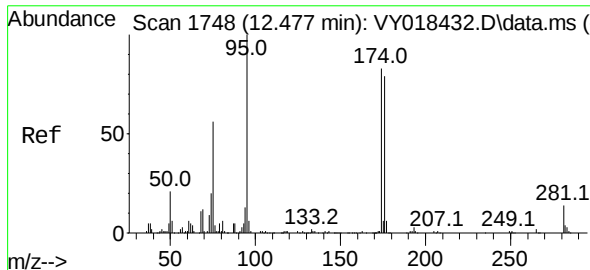
Toluene-d8
Concen: 23.824 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

Tgt Ion: 98 Resp: 178554
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



Abundance Scan 1370 (10.173 min): VY018446.D\data.ms (-1321) (-)

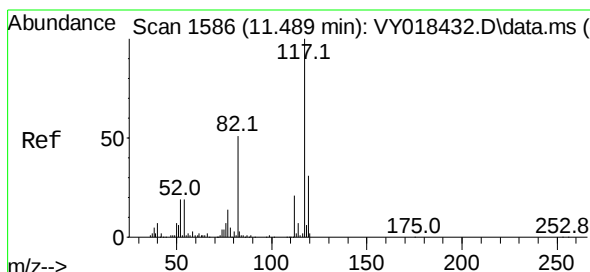
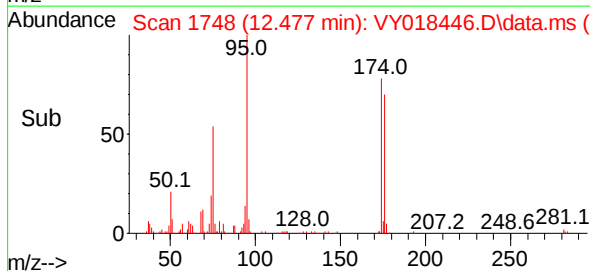
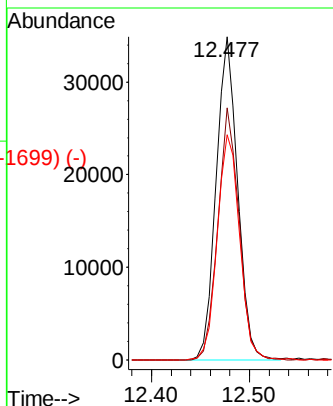
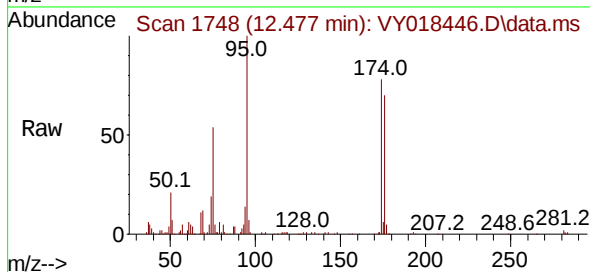




4-Bromofluorobenzene
Concen: 22.777 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

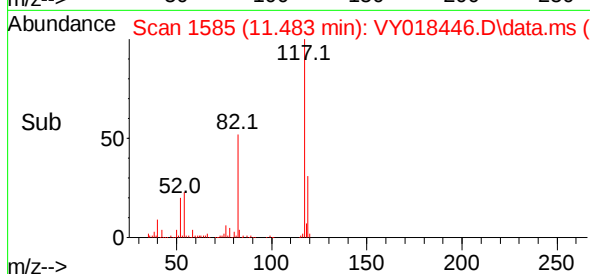
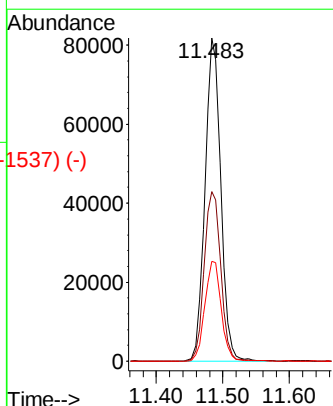
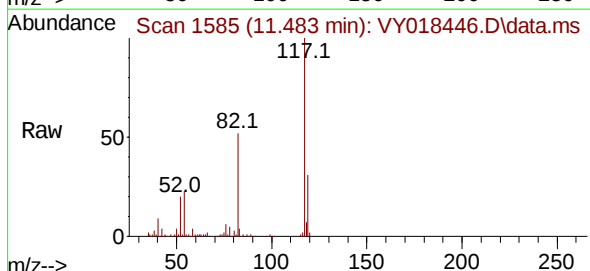
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

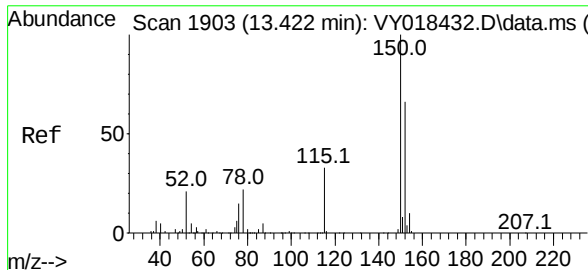
Tgt Ion: 95 Resp: 53149
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 72.7 0.0 171.4



Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

Tgt Ion: 117 Resp: 134405
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 30.9 25.9 38.9

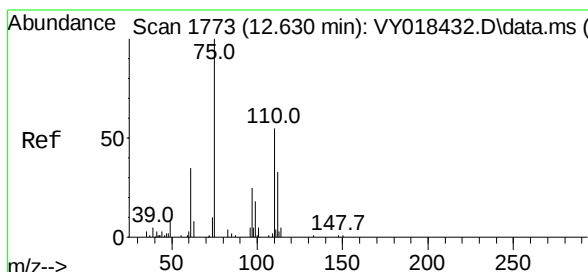
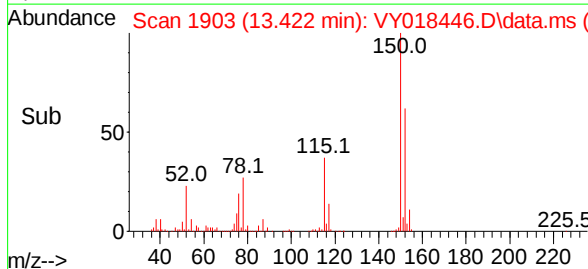
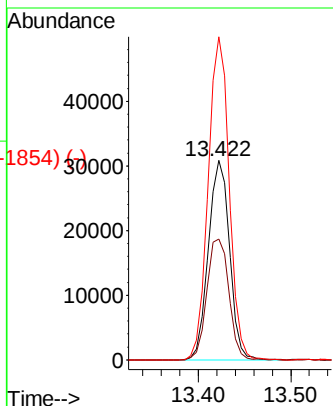
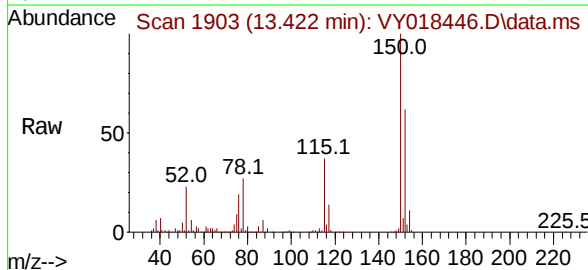




1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

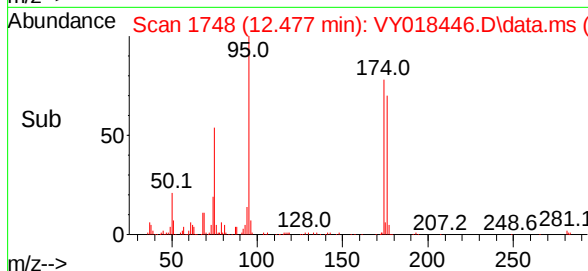
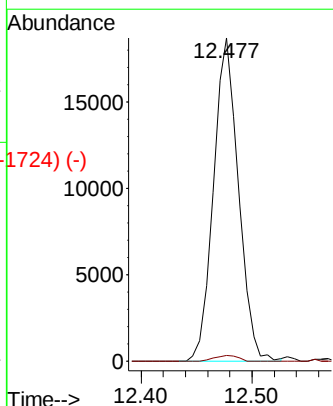
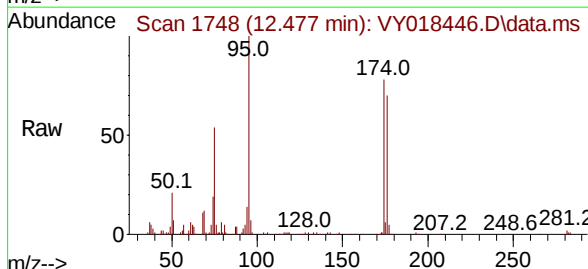
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

Tgt Ion:152 Resp: 48865
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.7
150 160.5 0.0 345.6

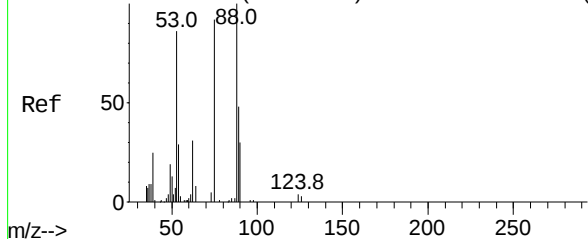


1,2,3-Trichloropropane
Concen: 48.336 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

Tgt Ion: 75 Resp: 29288
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



Abundance Scan 1731 (12.373 min): VY018432.D\data.ms (-1731) (-)



trans-1,4-Dichloro-2-butene

Concen: 101.550 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.104 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

Tgt Ion: 75 Resp: 29288

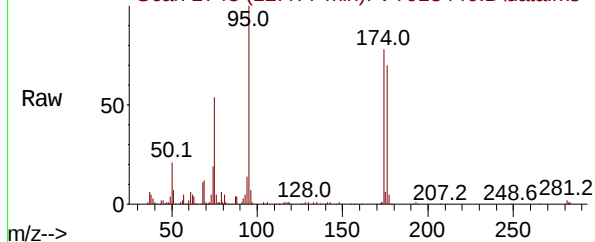
Ion Ratio Lower Upper

75 100

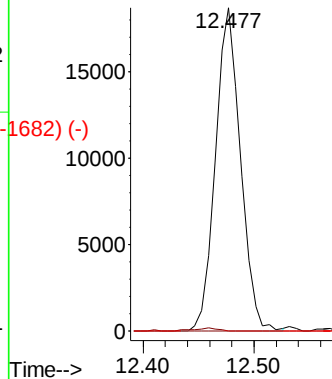
53 0.8 66.8 100.2#

89 0.0 35.8 53.6#

Abundance Scan 1748 (12.477 min): VY018446.D\data.ms



Abundance



Abundance Scan 1748 (12.477 min): VY018446.D\data.ms (-1682) (-)

