

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018447.D
 Acq On : 03 Jun 2024 17:54
 Operator : SY/MD
 Sample : P2687-04
 Misc : 2.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Quant Time: Jun 04 05:43:19 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)

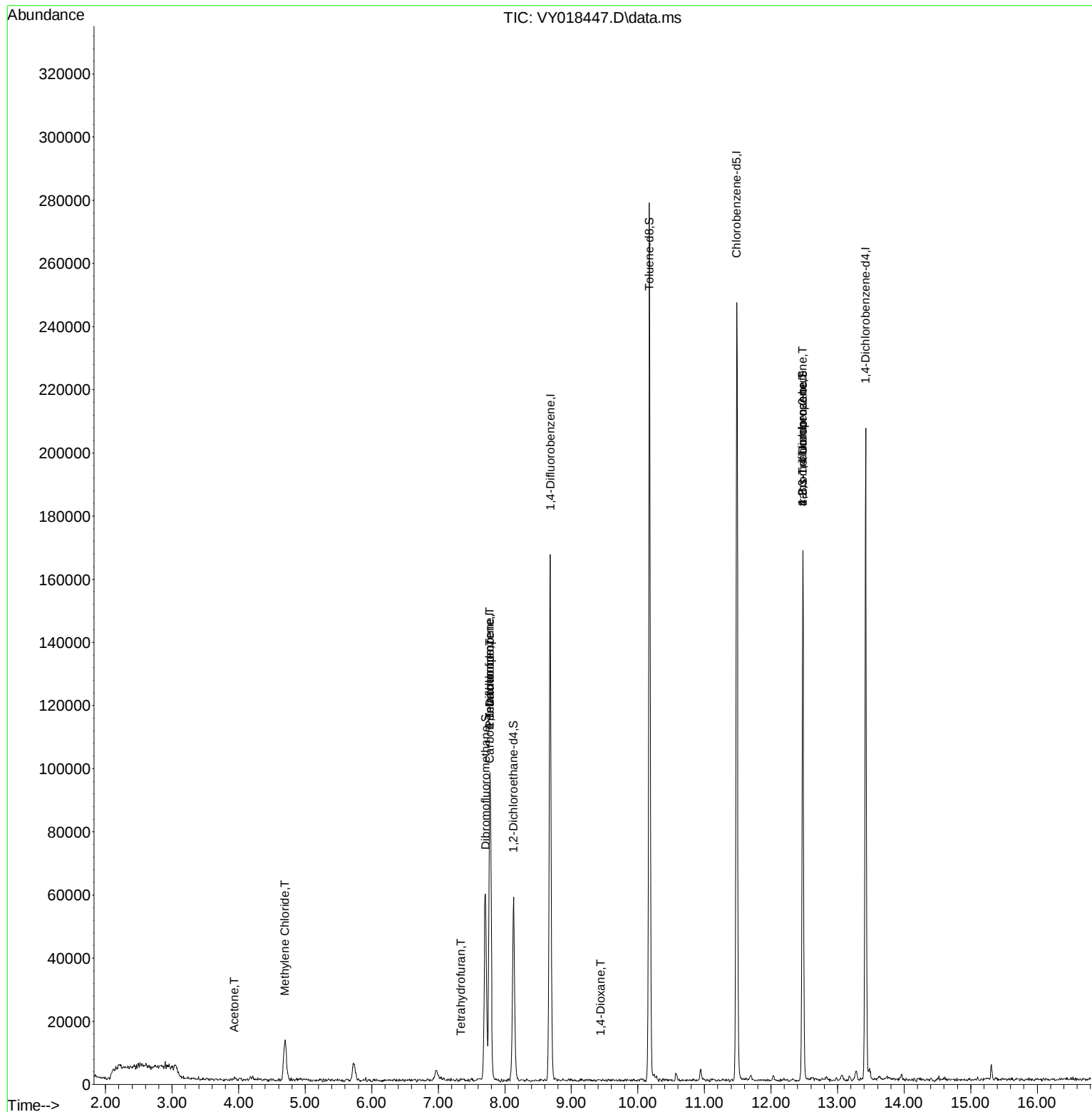
Internal Standards						
1) Pentafluorobenzene	7.776	168	70927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	128204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	43331	31.109	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	62.220%	
35) Dibromofluoromethane	7.709	113	43203	24.145	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	48.300%#	
50) Toluene-d8	10.172	98	171730	24.125	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	48.260%#	
62) 4-Bromofluorobenzene	12.477	95	49914	22.521	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	45.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	189	Below Cal	#	88
16) Acetone	3.936	43	1000	3.235	ug/l #	87
20) Methylene Chloride	4.698	84	8828	2.245	ug/l	94
29) Tetrahydrofuran	7.344	42	308	1.001	ug/l #	47
36) 1,1-Dichloropropene	7.776	75	6869	2.518	ug/l #	47
38) Carbon Tetrachloride	7.770	117	7522	2.751	ug/l #	17
49) 1,4-Dioxane	9.441	88	20	1.421	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	27828	47.494	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27828	99.781	ug/l #	16

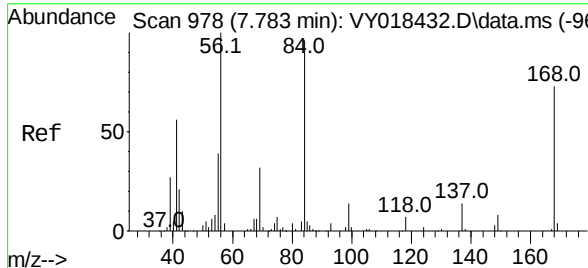
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.776 min Scan# 978

Delta R.T. -0.007 min

Lab File: VY018447.D

Acq: 03 Jun 2024 17:54

Instrument :

MSVOA_Y

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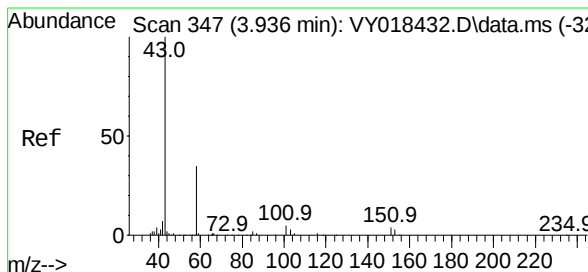
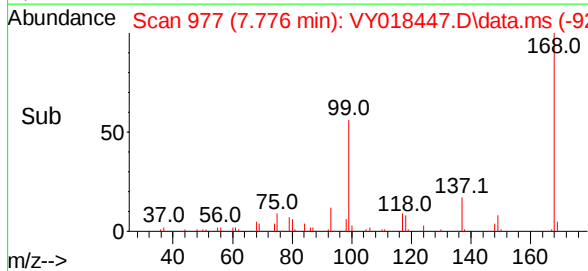
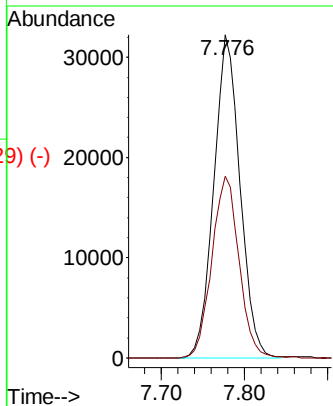
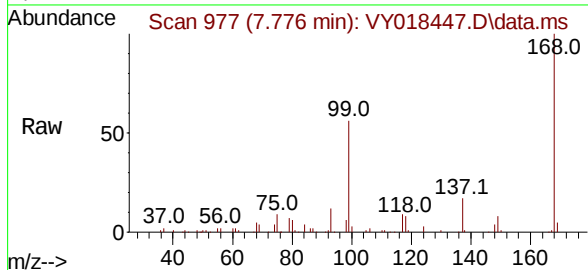
72-11977

Tgt Ion:168 Resp: 70927

Ion Ratio Lower Upper

168 100

99 56.3 39.1 58.7



Acetone

Concen: 3.235 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018447.D

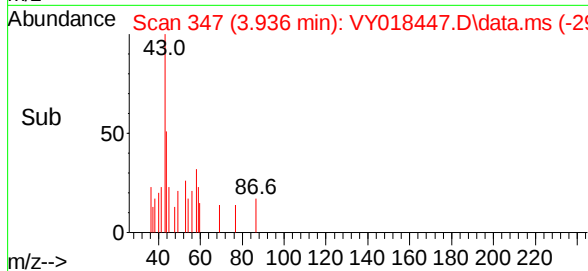
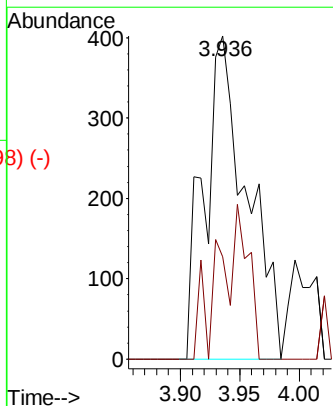
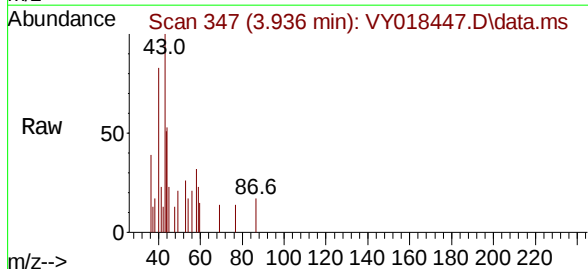
Acq: 03 Jun 2024 17:54

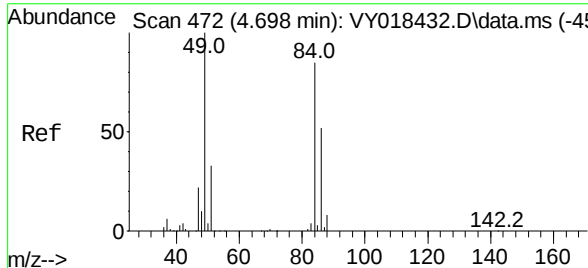
Tgt Ion: 43 Resp: 1000

Ion Ratio Lower Upper

43 100

58 31.6 31.7 47.5#





Methylene Chloride

Concen: 2.245 ug/l

RT: 4.698 min Scan# 4

Delta R.T. -0.000 min

Lab File: VY018447.D

Acq: 03 Jun 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

72-11977

Tgt Ion: 84 Resp: 8828

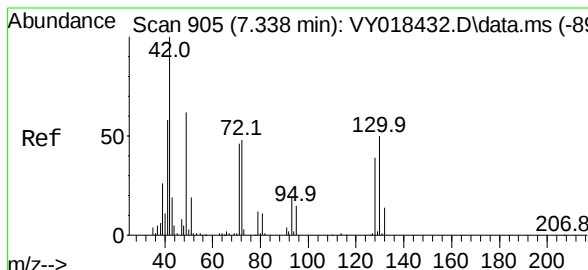
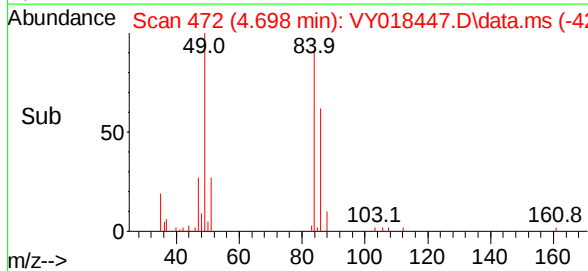
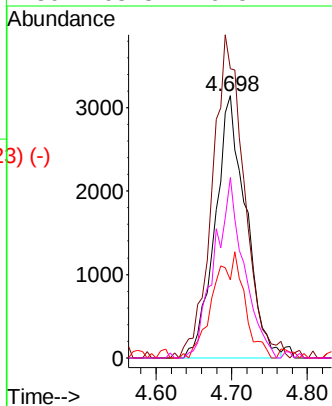
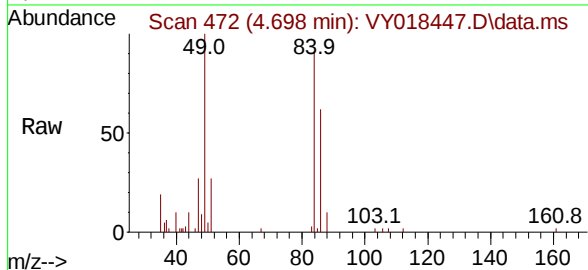
Ion Ratio Lower Upper

84 100

49 110.3 84.4 126.6

51 29.8 26.0 39.0

86 68.8 49.5 74.3



Tetrahydrofuran

Concen: 1.001 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY018447.D

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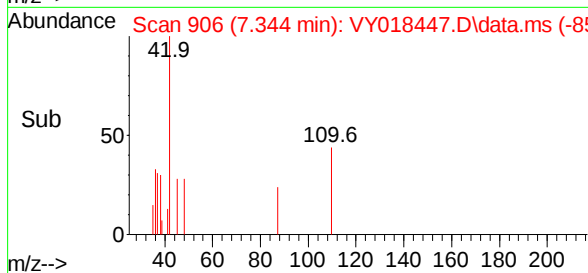
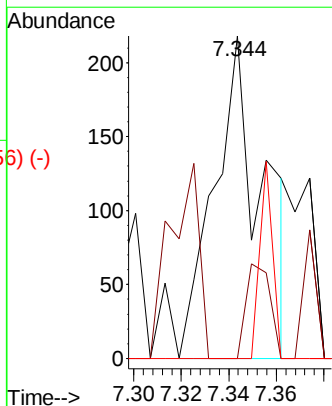
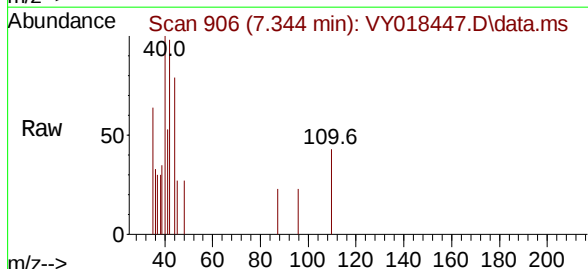
Tgt Ion: 42 Resp: 308

Ion Ratio Lower Upper

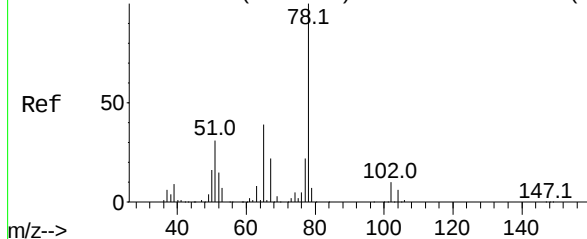
42 100

72 14.6 43.0 64.4#

71 15.9 40.8 61.2#



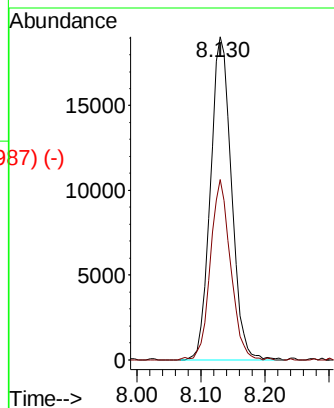
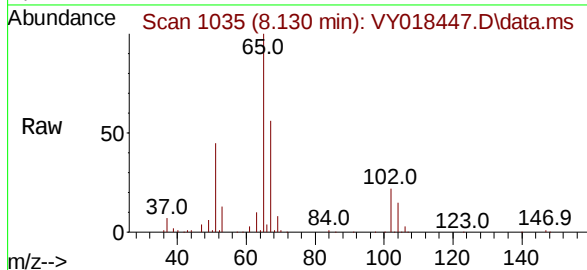
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



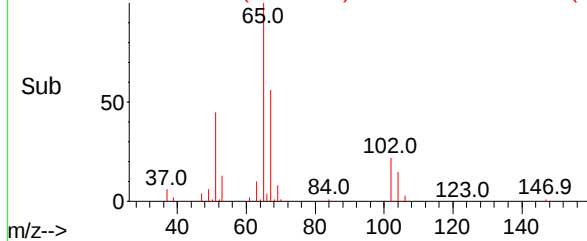
1,2-Dichloroethane-d4
Concen: 31.109 ug/l
RT: 8.130 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

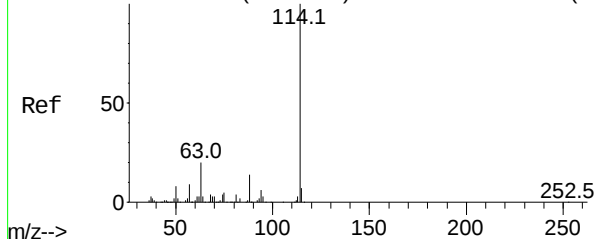
Tgt Ion: 65 Resp: 43331
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6



Abundance Scan 1035 (8.130 min): VY018447.D\data.ms (-987) (-)

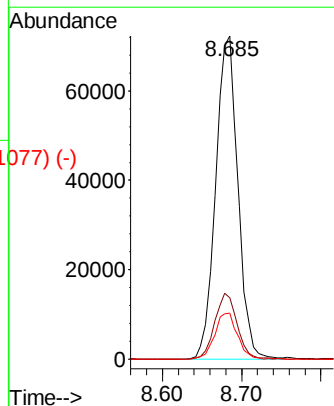
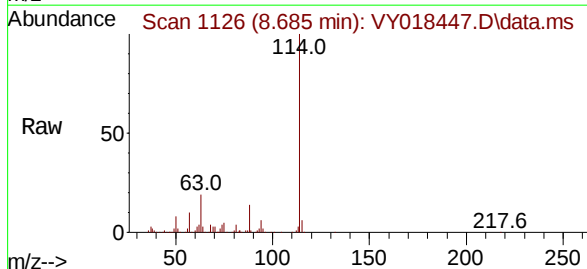


Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)

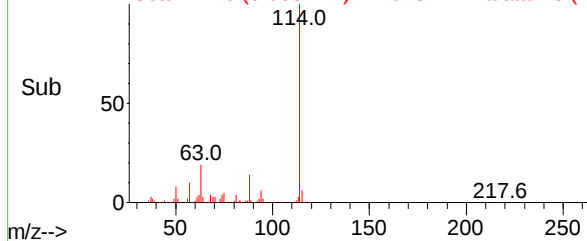


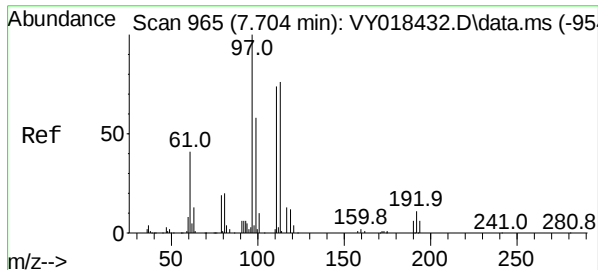
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

Tgt Ion: 114 Resp: 141103
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 14.2 0.0 27.2



Abundance Scan 1126 (8.685 min): VY018447.D\data.ms (-1077) (-)

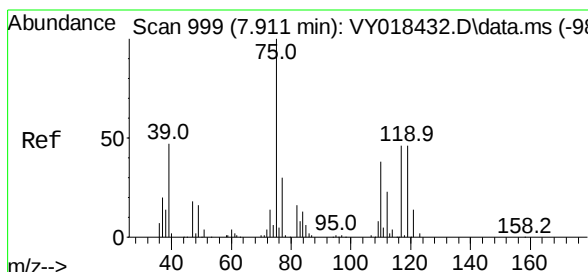
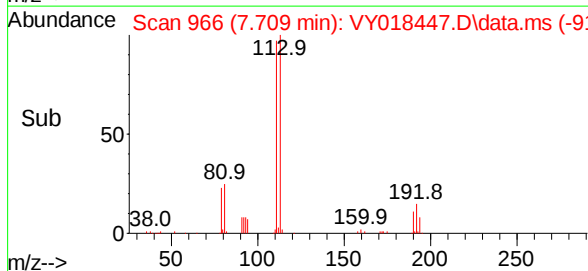
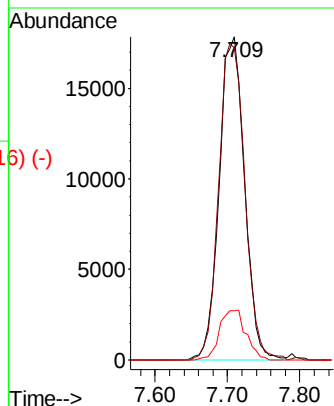
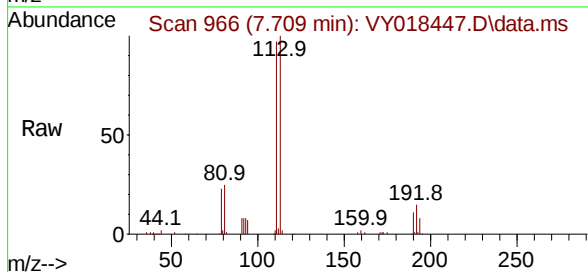




Dibromofluoromethane
Concen: 24.145 ug/l
RT: 7.709 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

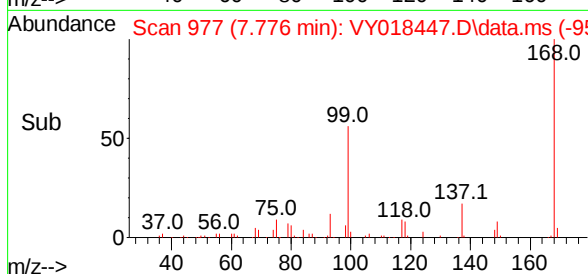
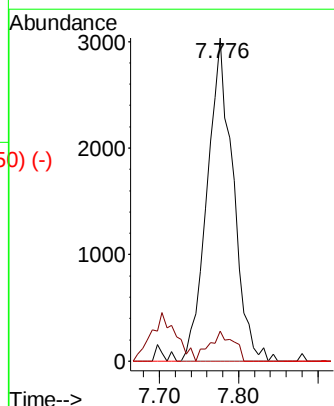
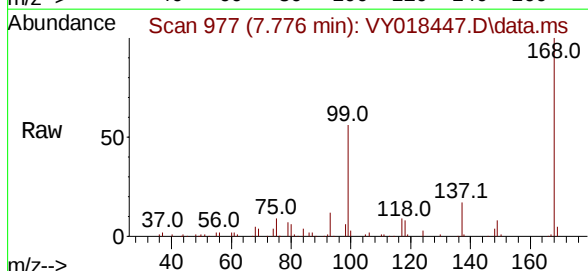
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

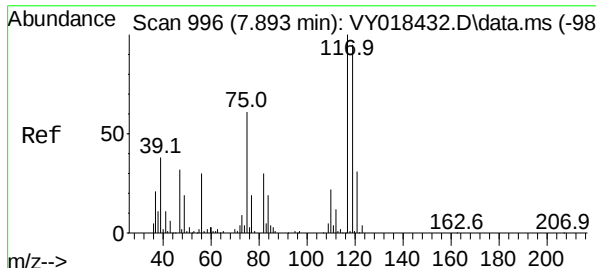
Tgt Ion: 113 Resp: 43203
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 16.1 15.9 23.9



1,1-Dichloropropene
Concen: 2.518 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

Tgt Ion: 75 Resp: 6869
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#





Carbon Tetrachloride

Concen: 2.751 ug/l

RT: 7.770 min Scan# 117

Delta R.T. -0.122 min

Lab File: VY018447.D

Acq: 03 Jun 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

72-11977

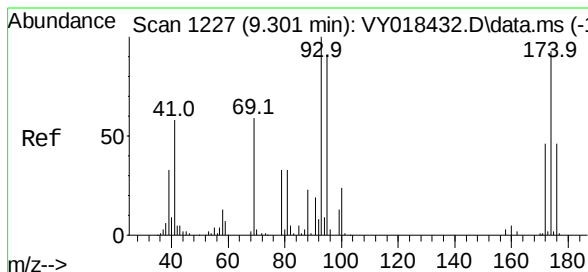
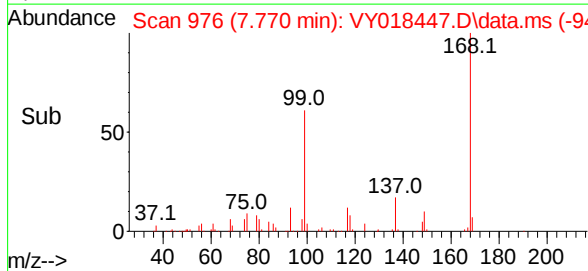
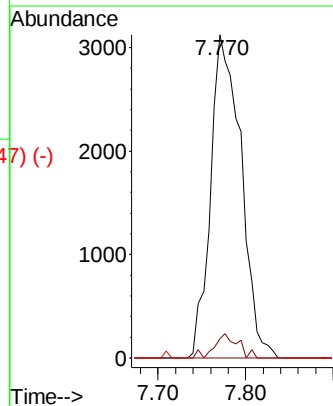
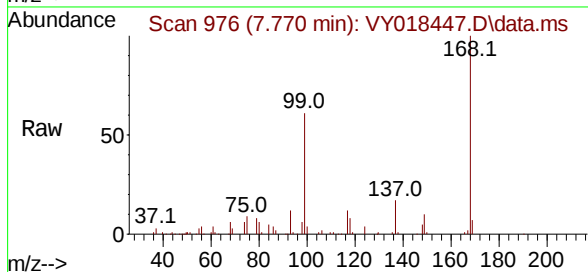
Tgt Ion:117 Resp: 7522

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

121 0.0 24.0 36.0#



1,4-Dioxane

Concen: 1.421 ug/l

RT: 9.441 min Scan# 1250

Delta R.T. 0.140 min

Lab File: VY018447.D

Acq: 03 Jun 2024 17:54

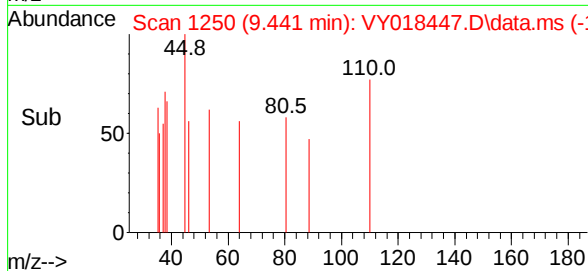
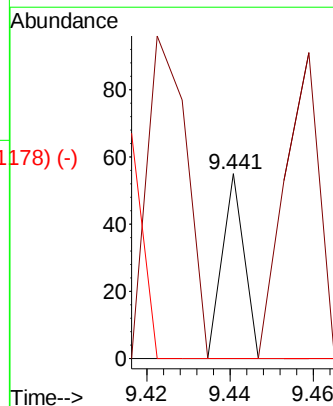
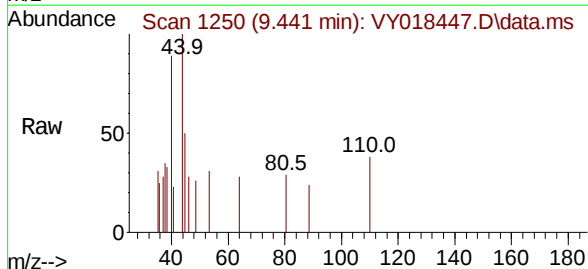
Tgt Ion: 88 Resp: 20

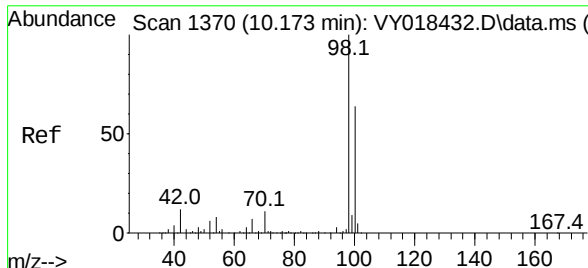
Ion Ratio Lower Upper

88 100

43 265.0 0.0 0.0#

58 0.0 49.3 73.9#





Toluene-d8

Concen: 24.125 ug/l

RT: 10.172 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VY018447.D

Acq: 03 Jun 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

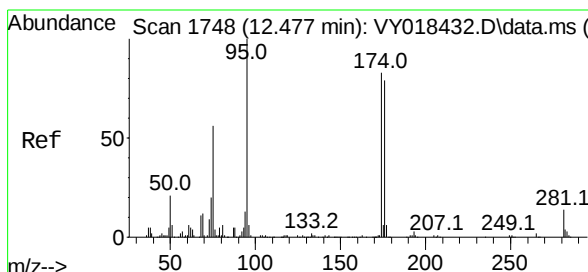
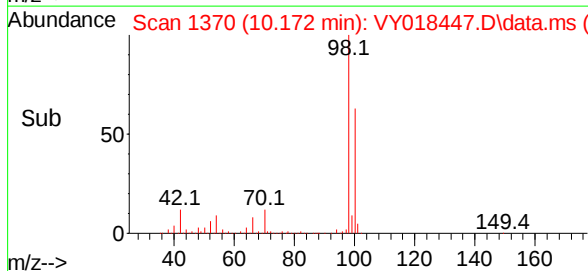
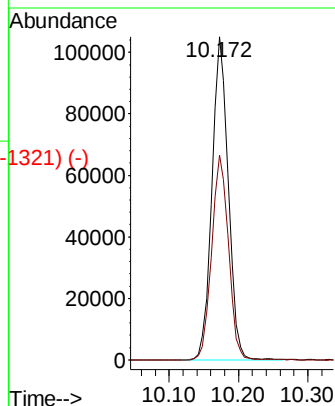
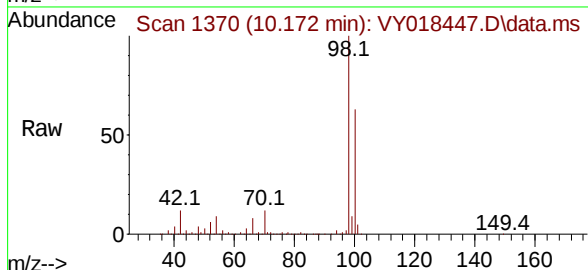
72-11977

Tgt Ion: 98 Resp: 171730

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



4-Bromofluorobenzene

Concen: 22.521 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018447.D

Acq: 03 Jun 2024 17:54

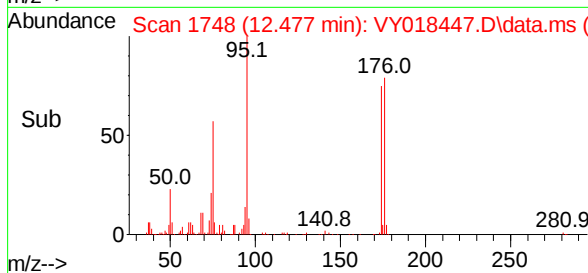
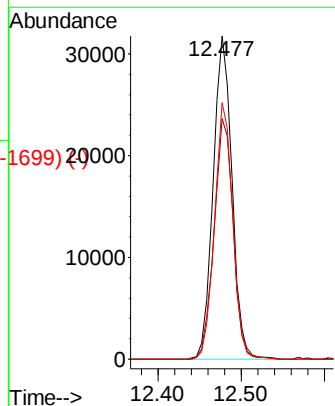
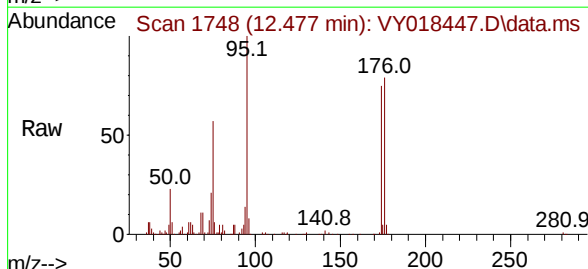
Tgt Ion: 95 Resp: 49914

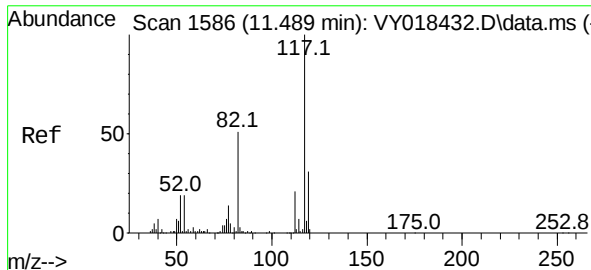
Ion Ratio Lower Upper

95 100

174 75.7 0.0 175.6

176 76.6 0.0 171.4

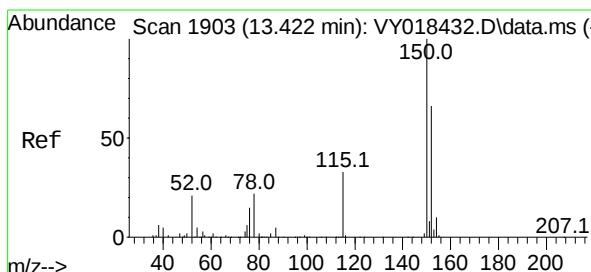
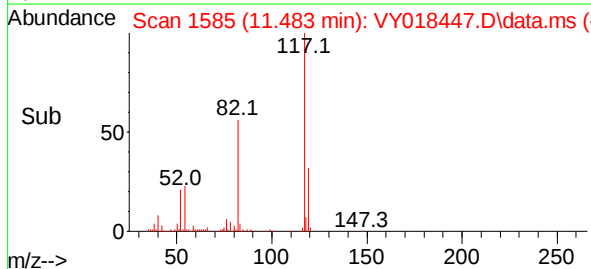
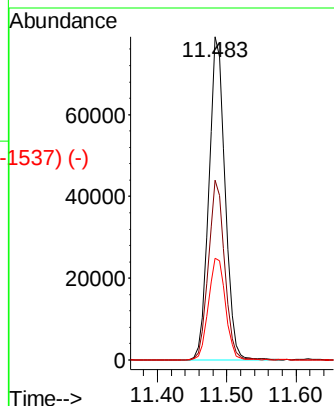
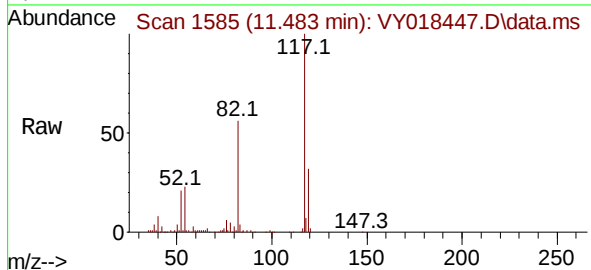




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

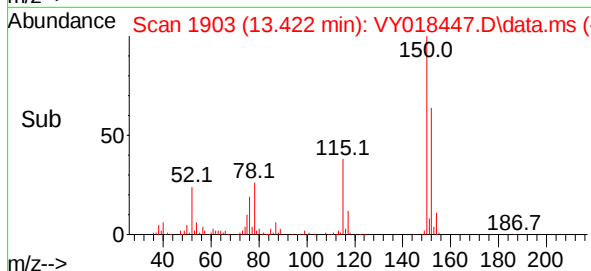
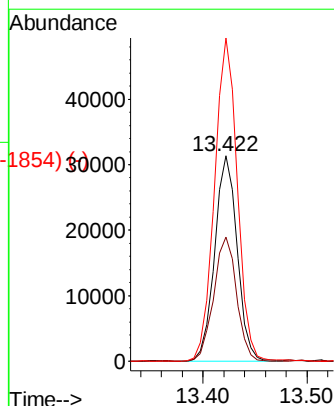
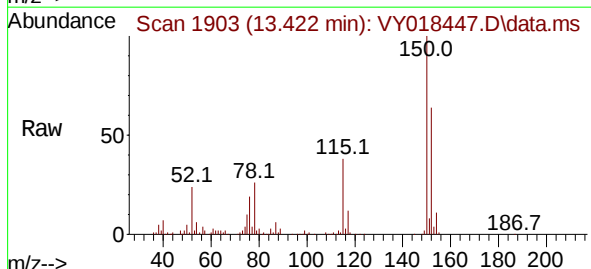
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

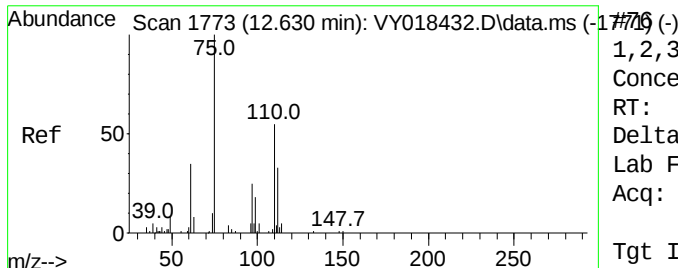
Tgt Ion:	117	Resp:	128204
Ion	Ratio	Lower	Upper
117	100		
82	55.6	42.4	63.6
119	31.5	25.9	38.9



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

Tgt Ion:	152	Resp:	47252
Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	159.9	0.0	345.6

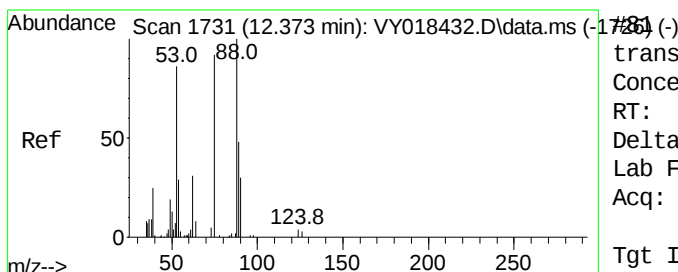
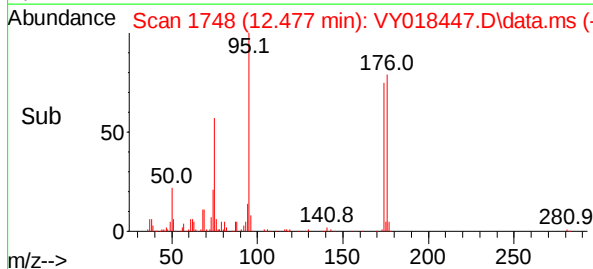
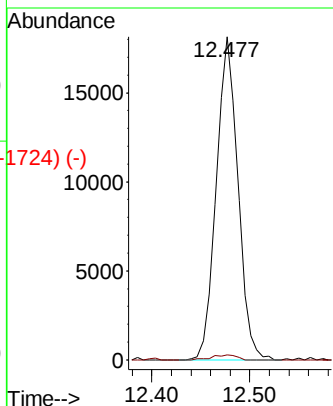
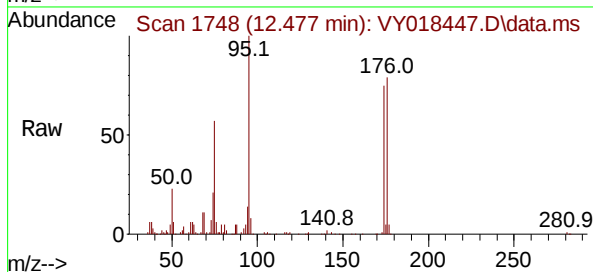




1,2,3-Trichloropropane
Concen: 47.494 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Tgt Ion: 75 Resp: 27828
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



trans-1,4-Dichloro-2-butene
Concen: 99.781 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY018447.D
Acq: 03 Jun 2024 17:54

Tgt Ion: 75 Resp: 27828
Ion Ratio Lower Upper
75 100
53 0.4 66.8 100.2#
89 0.0 35.8 53.6#

