

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018453.D
 Acq On : 03 Jun 2024 20:22
 Operator : SY/MD
 Sample : P2701-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CON-PAD-2

Quant Time: Jun 04 05:44:34 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)

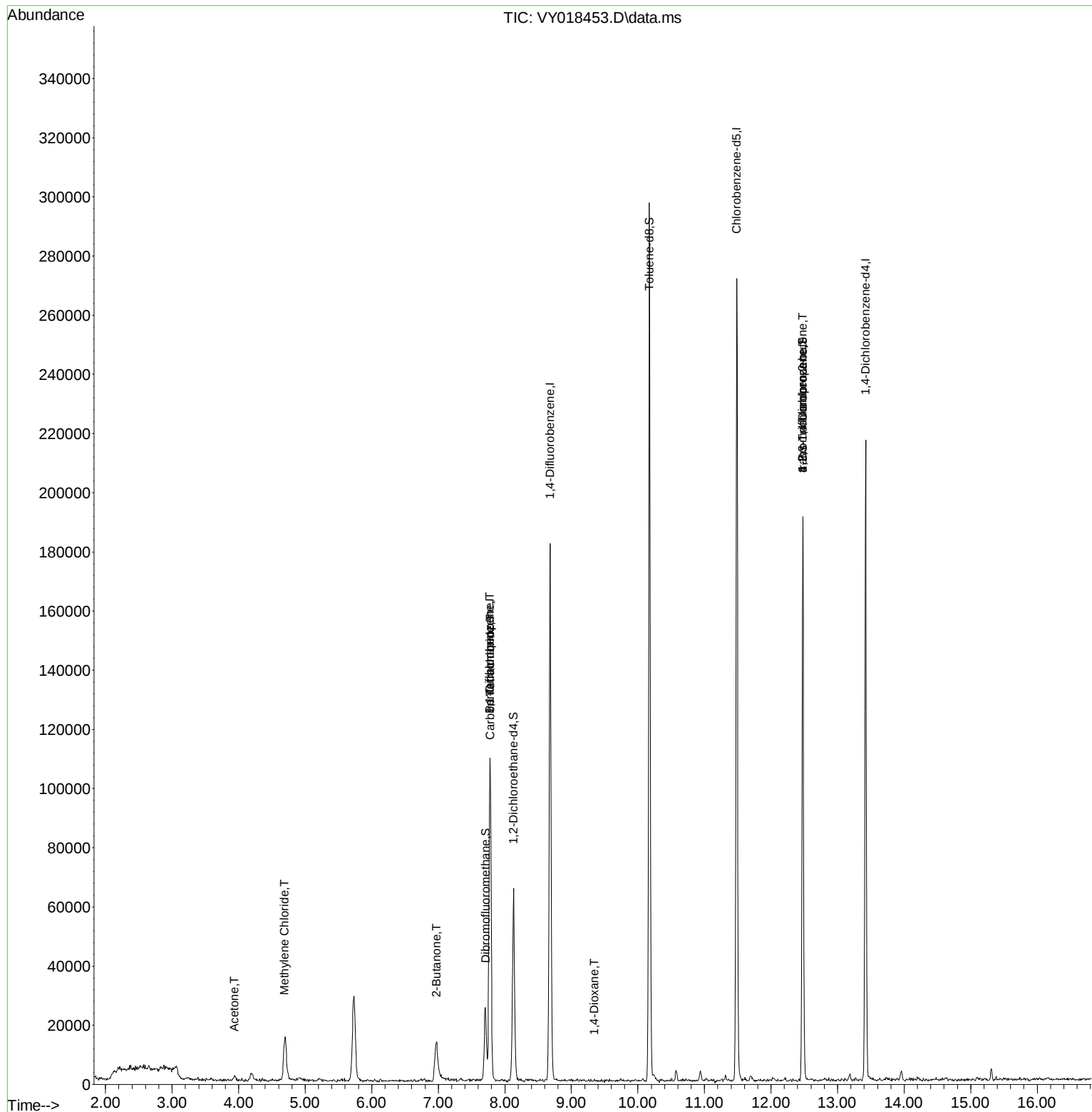
Internal Standards						
1) Pentafluorobenzene	7.777	168	76664	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	153145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	140122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46854	31.121	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	62.240%	
35) Dibromofluoromethane	7.710	113	18061	9.300	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	18.600%#	
50) Toluene-d8	10.172	98	186556	24.147	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	48.300%#	
62) 4-Bromofluorobenzene	12.477	95	56380	23.439	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	46.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.911	59	542	Below Cal	#	88
16) Acetone	3.936	43	2630	7.870	ug/l	90
20) Methylene Chloride	4.692	84	9870	2.421	ug/l	97
25) 2-Butanone	6.972	43	1619	3.163	ug/l #	56
36) 1,1-Dichloropropene	7.777	75	7511	2.537	ug/l #	47
38) Carbon Tetrachloride	7.783	117	8128	2.739	ug/l #	16
49) 1,4-Dioxane	9.343	88	71	4.648	ug/l #	62
76) 1,2,3-Trichloropropane	12.477	75	30531	47.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30531	99.840	ug/l #	16

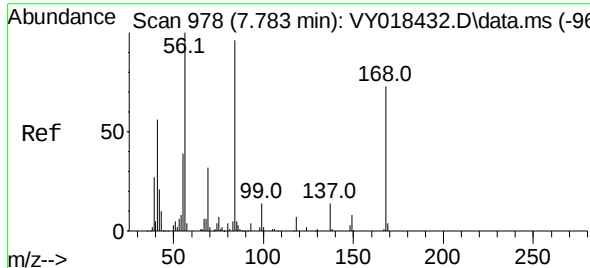
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
CON-PAD-2

Quant Time: Jun 04 05:44:34 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# 978

Delta R.T. -0.006 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

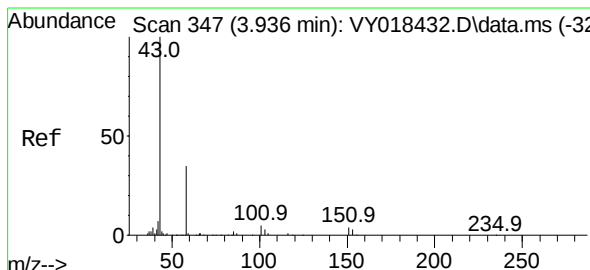
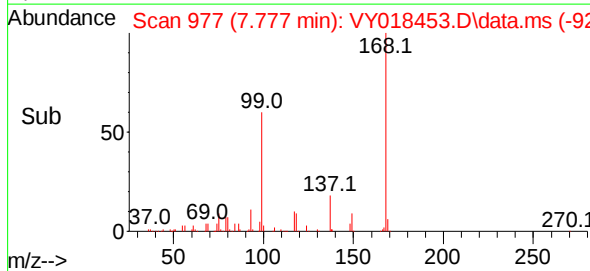
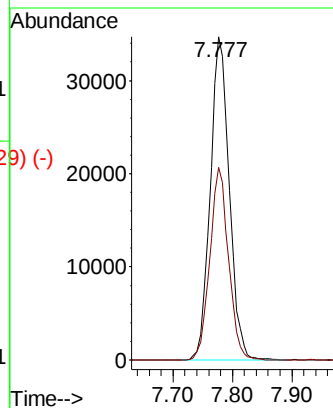
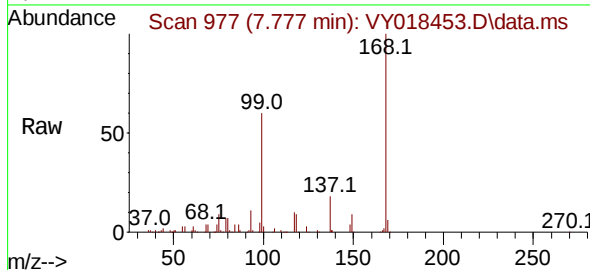
CON-PAD-2

Tgt Ion:168 Resp: 76664

Ion Ratio Lower Upper

168 100

99 59.7 39.1 58.7#



Acetone

Concen: 7.870 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018453.D

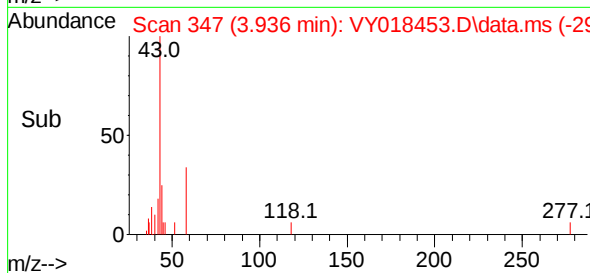
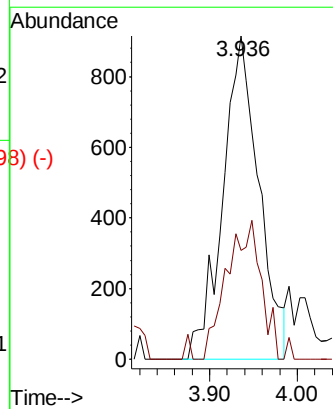
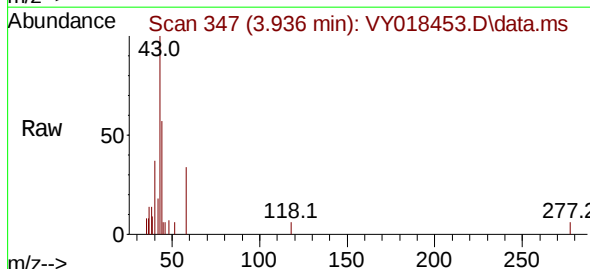
Acq: 03 Jun 2024 20:22

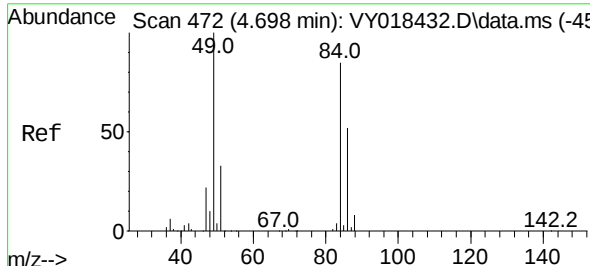
Tgt Ion: 43 Resp: 2630

Ion Ratio Lower Upper

43 100

58 33.7 31.7 47.5





Methylene Chloride

Concen: 2.421 ug/l

RT: 4.692 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-2

Tgt Ion: 84 Resp: 9870

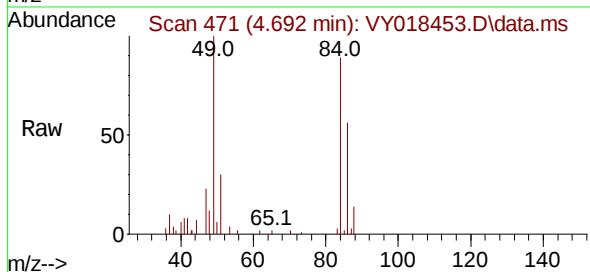
Ion Ratio Lower Upper

84 100

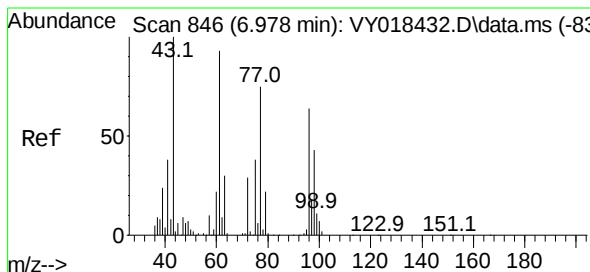
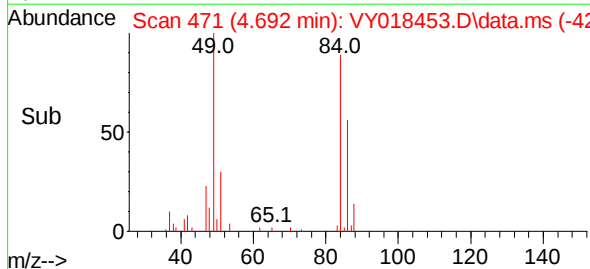
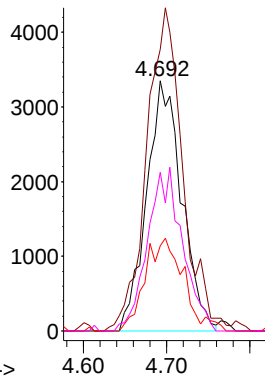
49 110.0 84.4 126.6

51 33.9 26.0 39.0

86 63.3 49.5 74.3



Abundance



2-Butanone

Concen: 3.163 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018453.D

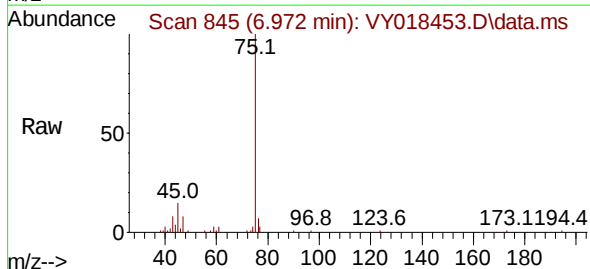
Acq: 03 Jun 2024 20:22

Tgt Ion: 43 Resp: 1619

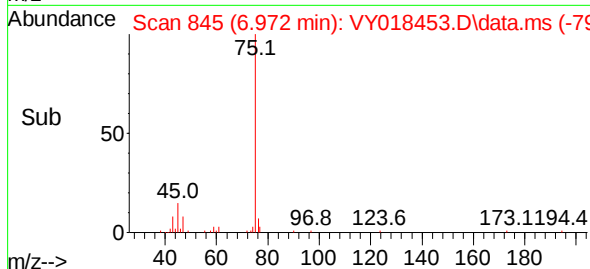
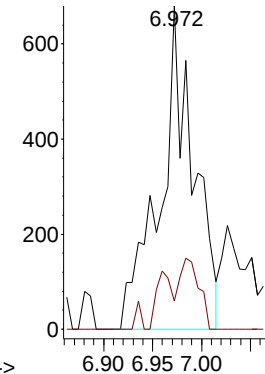
Ion Ratio Lower Upper

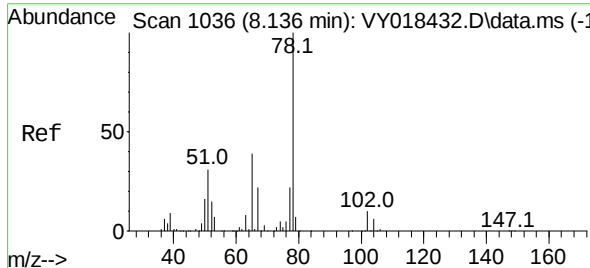
43 100

72 8.8 27.3 40.9#



Abundance

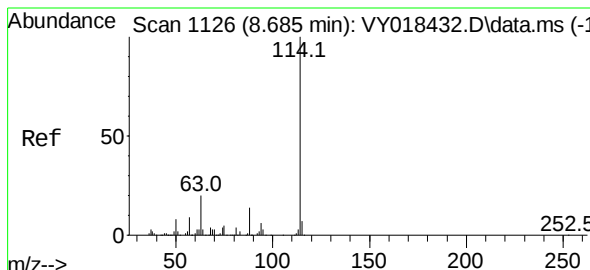
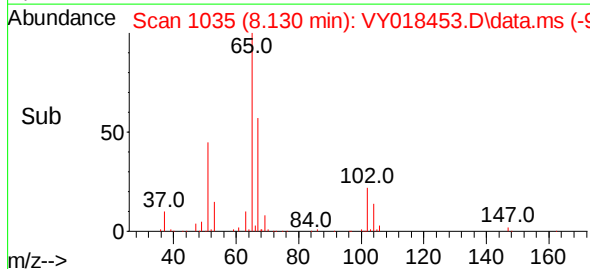
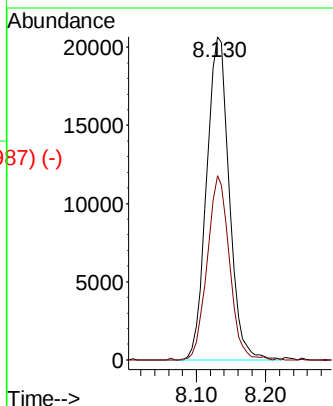
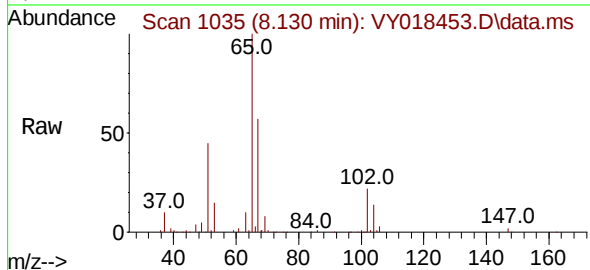




1,2-Dichloroethane-d4
Concen: 31.121 ug/l
RT: 8.130 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

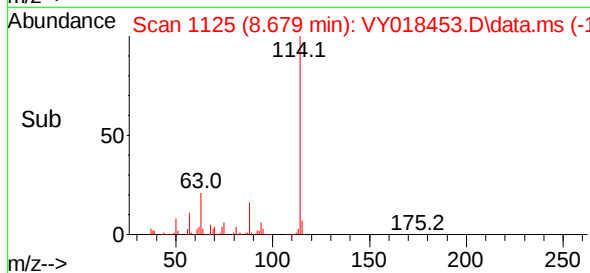
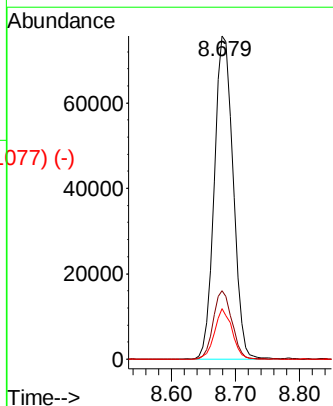
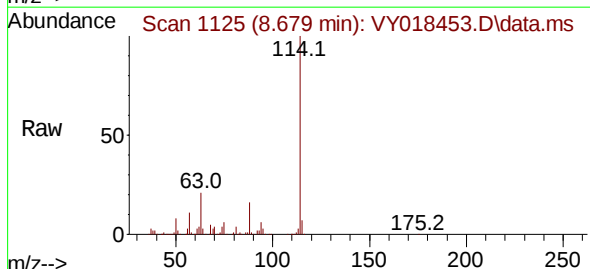
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2

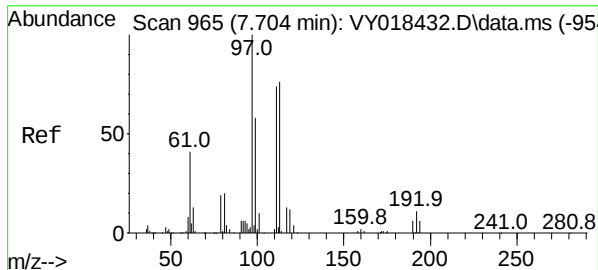
Tgt Ion: 65 Resp: 46854
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion:114 Resp: 153145
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.0
88 15.7 0.0 27.2





Dibromofluoromethane

Concen: 9.300 ug/l

RT: 7.710 min Scan#

Delta R.T. 0.006 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-2

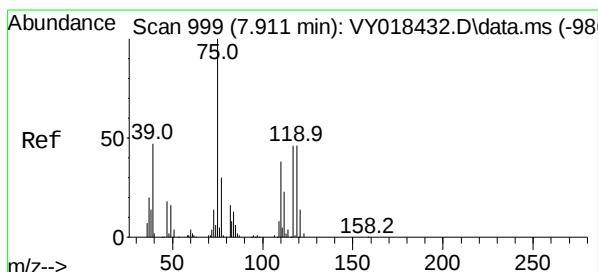
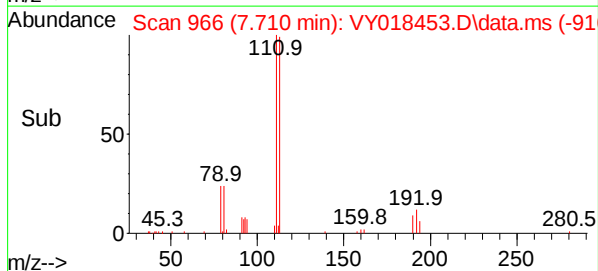
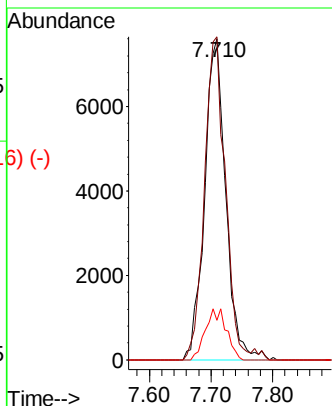
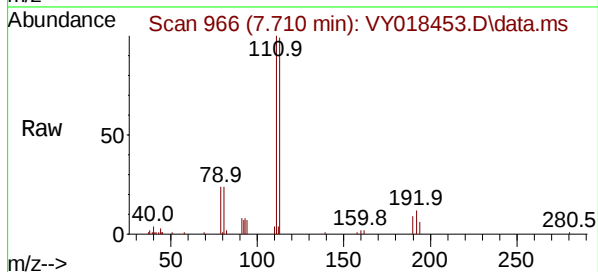
Tgt Ion:113 Resp: 18061

Ion Ratio Lower Upper

113 100

111 99.2 82.2 123.4

192 15.9 15.9 23.9#



1,1-Dichloropropene

Concen: 2.537 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.134 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

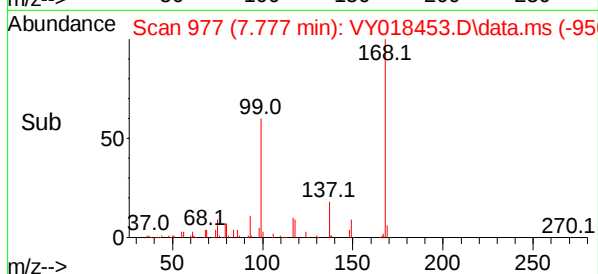
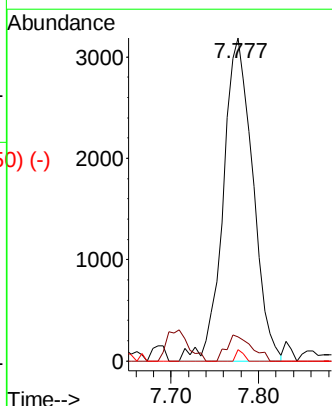
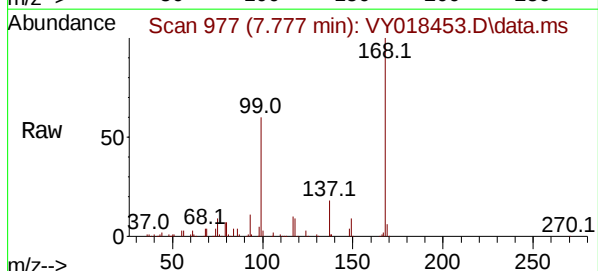
Tgt Ion: 75 Resp: 7511

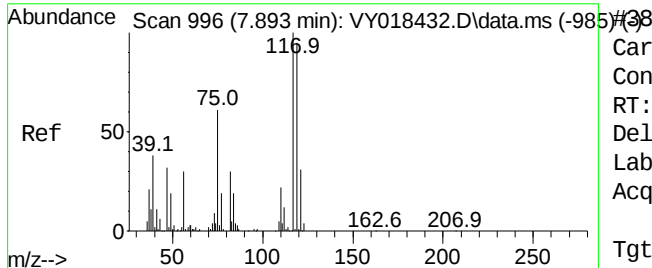
Ion Ratio Lower Upper

75 100

110 6.7 19.0 57.0#

77 0.9 25.3 37.9#





Carbon Tetrachloride

Concen: 2.739 ug/l

RT: 7.783 min Scan# 117

Delta R.T. -0.110 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-2

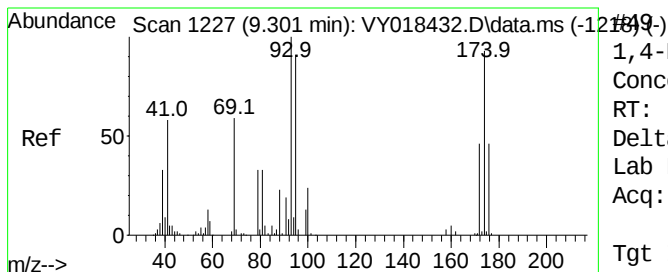
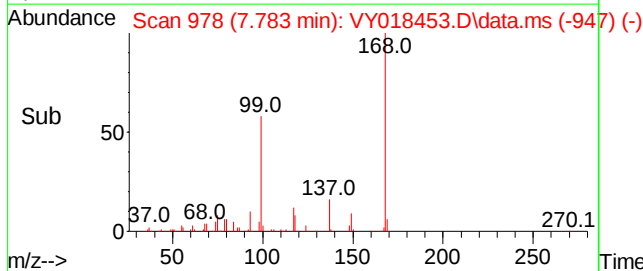
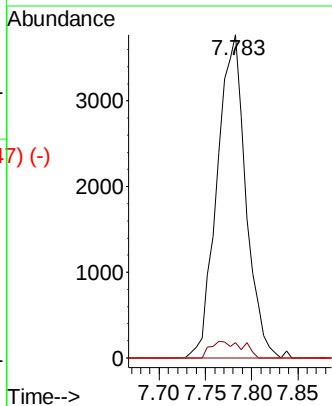
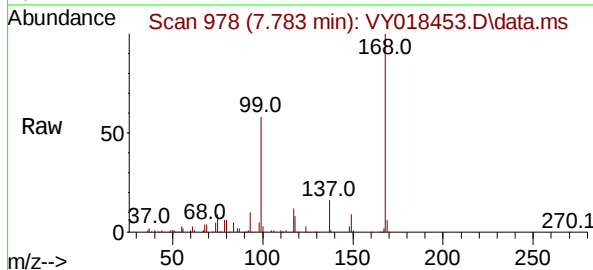
Tgt Ion:117 Resp: 8128

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#



1,4-Dioxane

Concen: 4.648 ug/l

RT: 9.343 min Scan# 1234

Delta R.T. 0.043 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

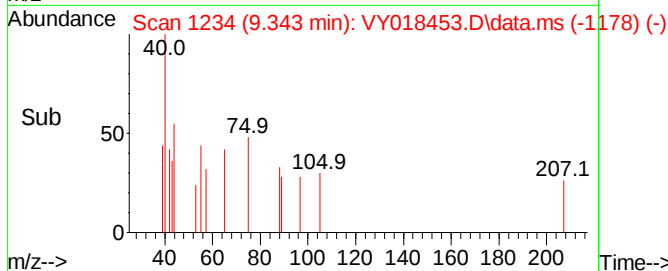
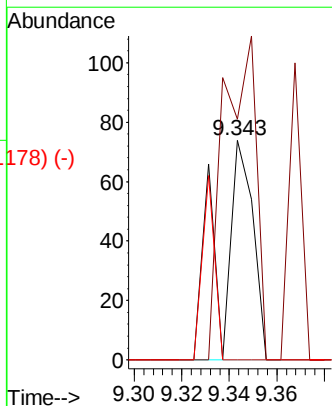
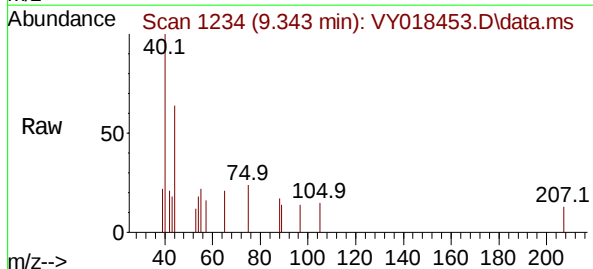
Tgt Ion: 88 Resp: 71

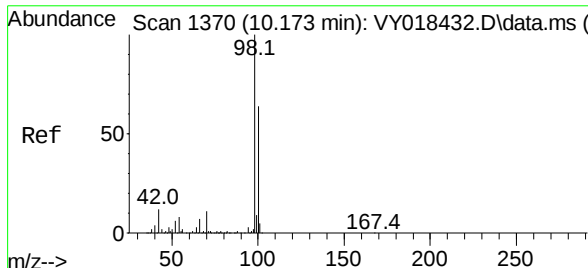
Ion Ratio Lower Upper

88 100

43 146.5 0.0 0.0#

58 32.4 49.3 73.9#

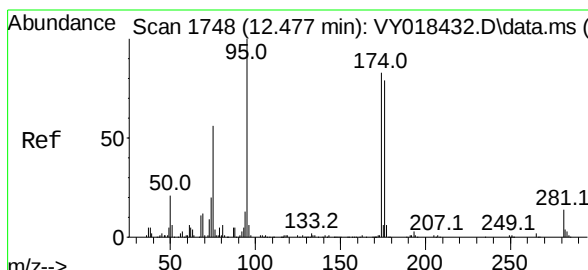
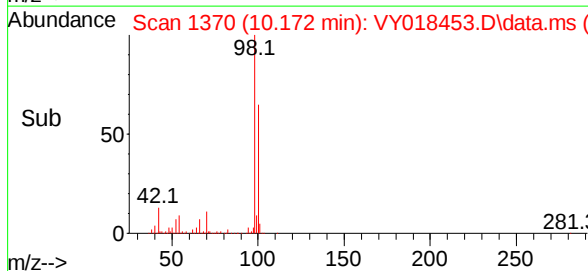
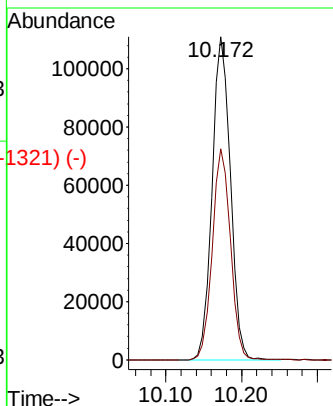
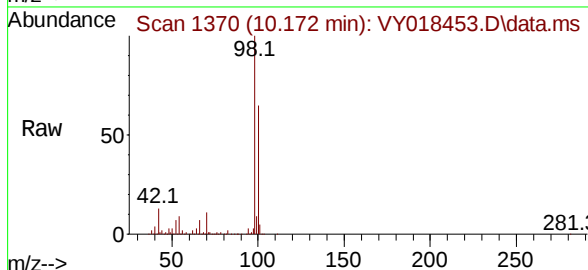




Toluene-d8
Concen: 24.147 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

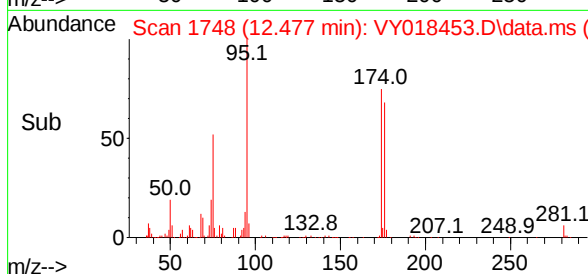
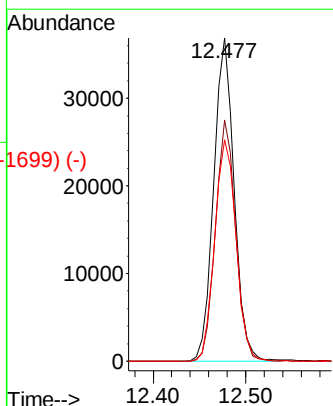
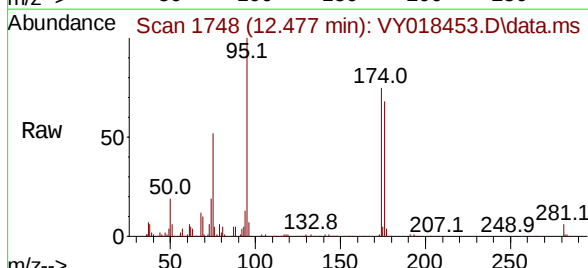
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2

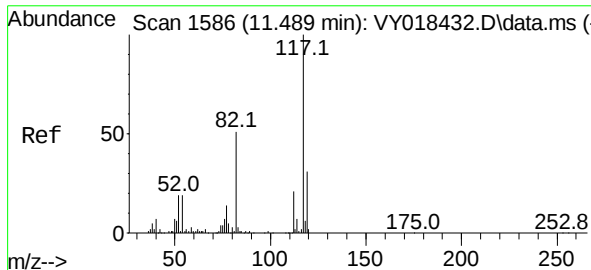
Tgt Ion: 98 Resp: 186556
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



4-Bromofluorobenzene
Concen: 23.439 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion: 95 Resp: 56380
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 71.6 0.0 171.4

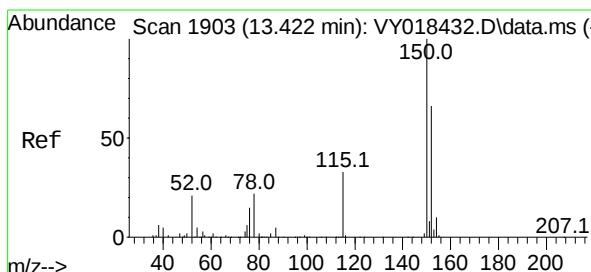
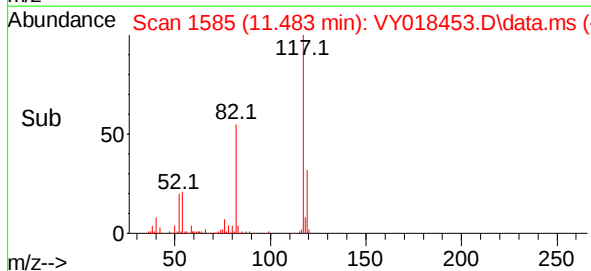
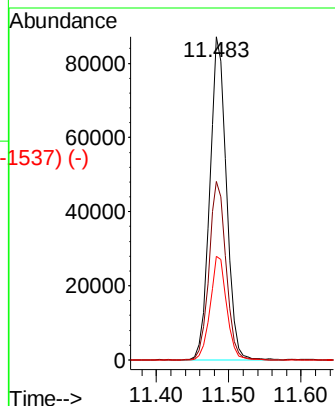
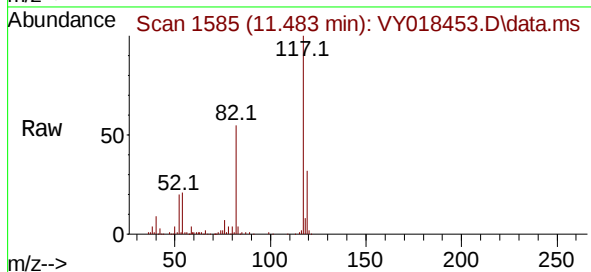




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

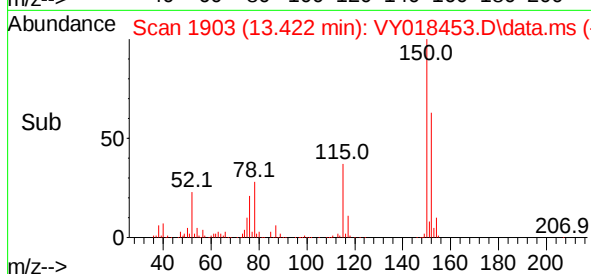
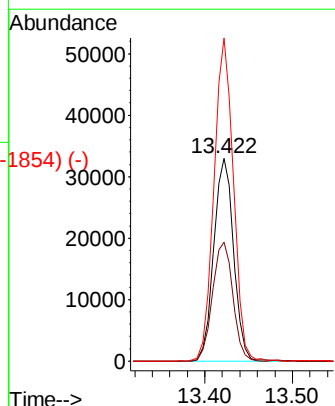
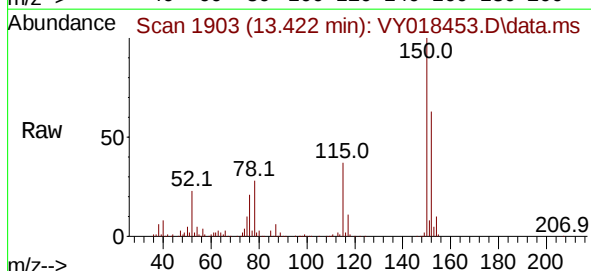
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2

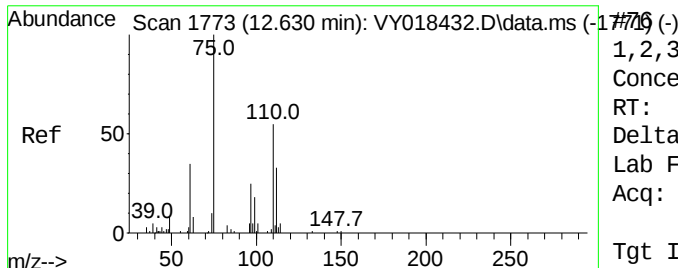
Tgt Ion:	117	Resp:	140122
Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.4	63.6
119	32.1	25.9	38.9



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion:	152	Resp:	51811
Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.2	84.7
150	156.0	0.0	345.6

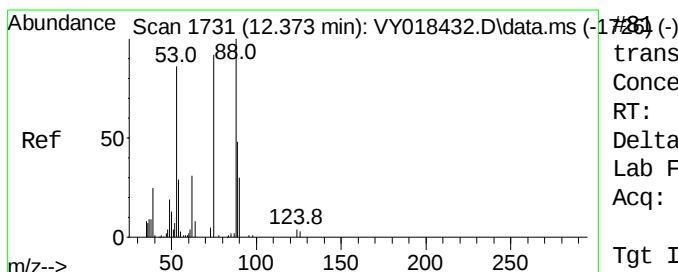
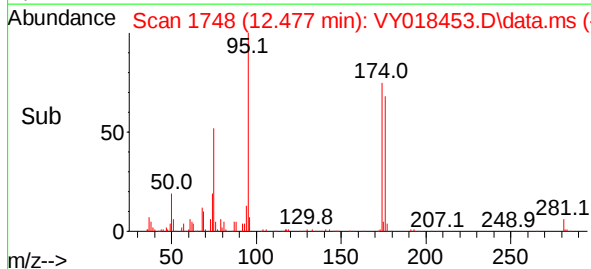
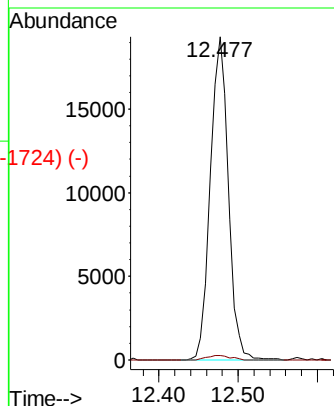
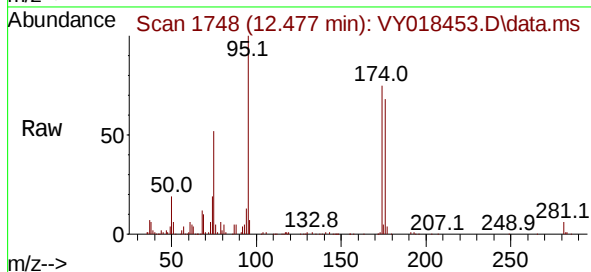




1,2,3-Trichloropropane
Concen: 47.522 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2

Tgt Ion: 75 Resp: 30531
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



trans-1,4-Dichloro-2-butene
Concen: 99.840 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion: 75 Resp: 30531
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

