

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018441.D
 Acq On : 03 Jun 2024 15:25
 Operator : SY/MD
 Sample : P2662-03
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPR-VOC

Quant Time: Jun 04 05:42:11 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)

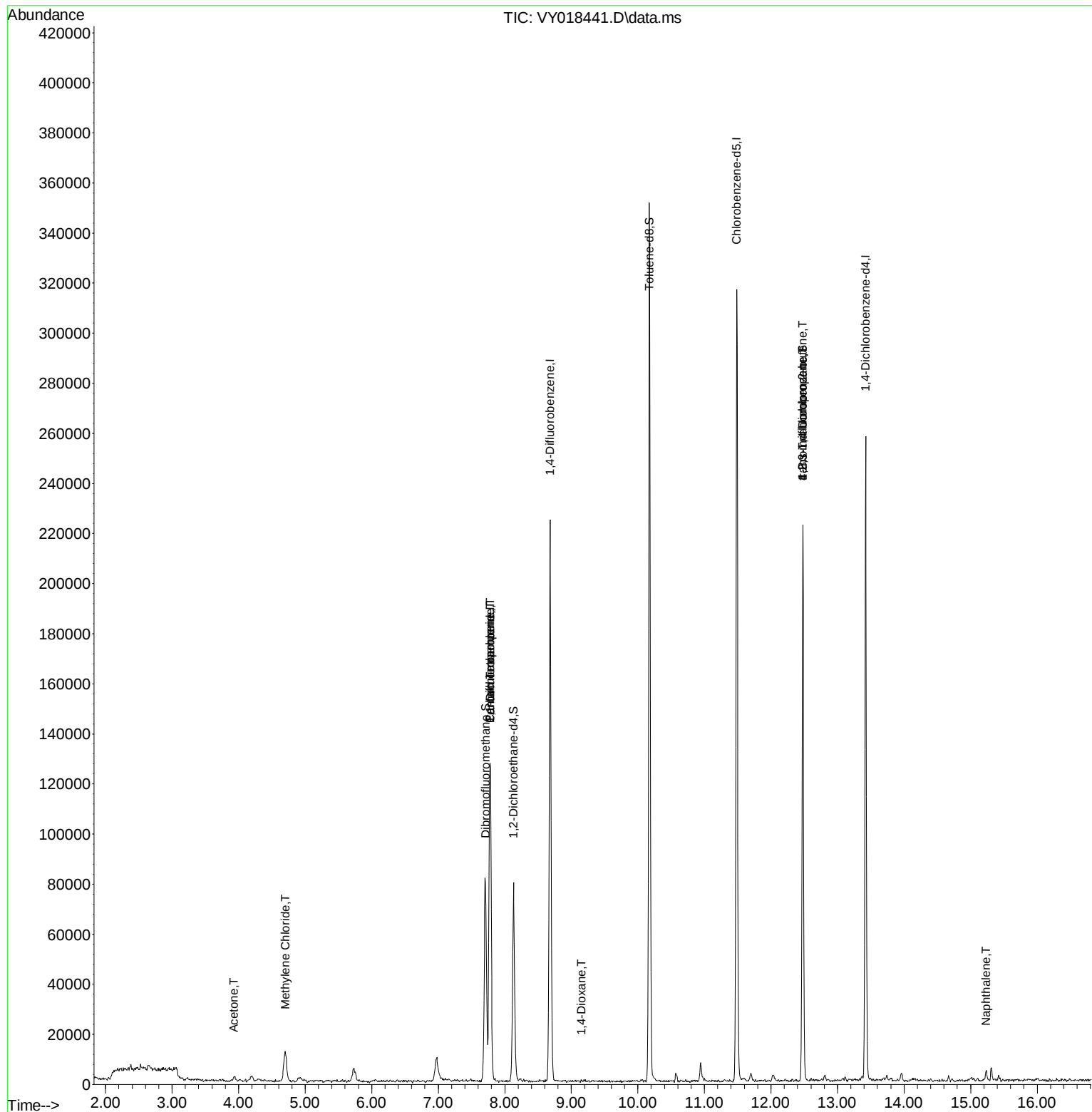
Internal Standards						
1) Pentafluorobenzene	7.783	168	95188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	188525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55553	29.718	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	59.440%	
35) Dibromofluoromethane	7.710	113	56881	23.793	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	47.580%#	
50) Toluene-d8	10.173	98	225984	23.761	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	47.520%#	
62) 4-Bromofluorobenzene	12.477	95	66934	22.604	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	45.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	415	Below Cal	#	97
16) Acetone	3.930	43	2800	6.749	ug/l #	80
20) Methylene Chloride	4.704	84	9026	1.034	ug/l	98
36) 1,1-Dichloropropene	7.783	75	8479	2.326	ug/l #	49
38) Carbon Tetrachloride	7.783	117	9982	2.733	ug/l #	16
49) 1,4-Dioxane	9.149	88	24	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	36250	48.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36250	102.143	ug/l #	16
95) Naphthalene	15.233	128	2926	1.191	ug/l #	94

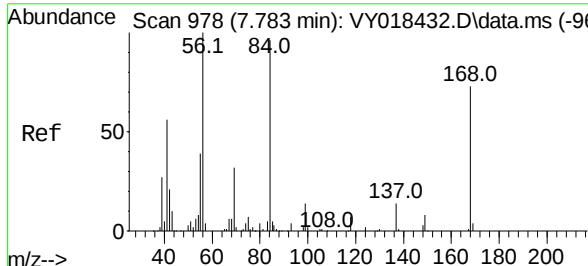
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
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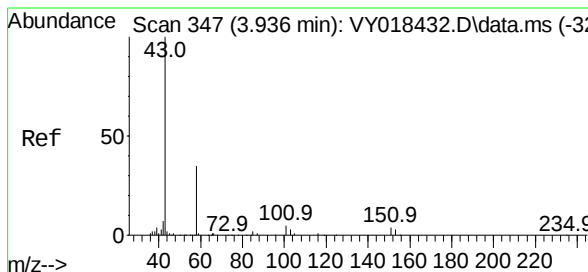
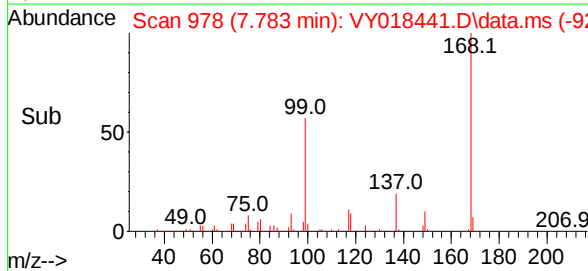
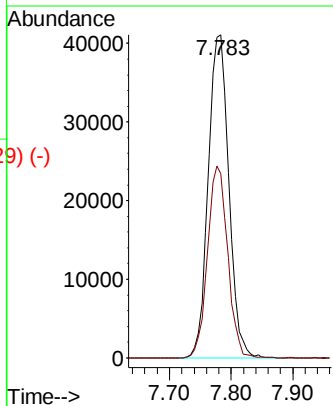
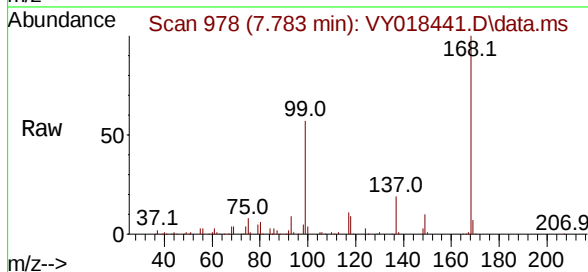




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.000 min
 Lab File: VY018441.D
 Acq: 03 Jun 2024 15:25

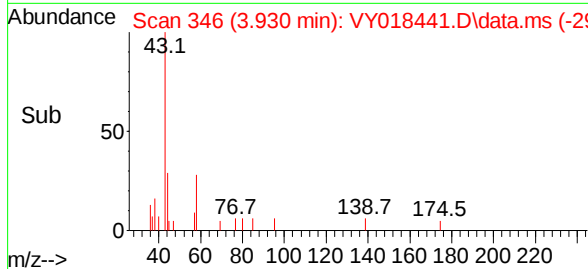
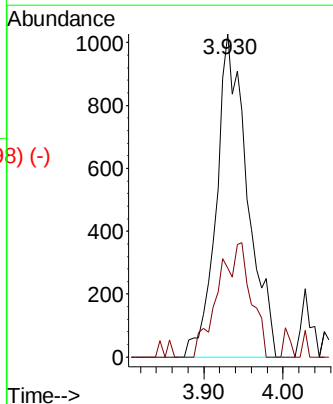
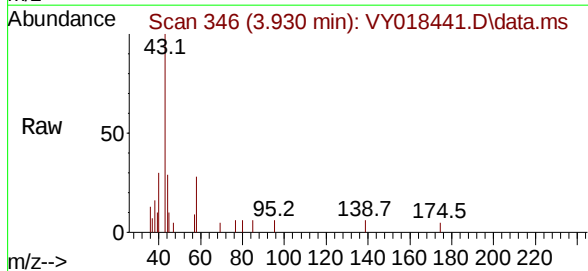
Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPR-VOC

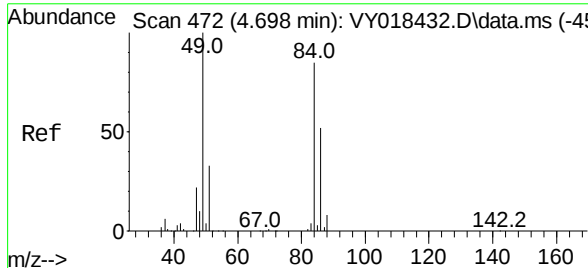
Tgt Ion:168 Resp: 95188
 Ion Ratio Lower Upper
 168 100
 99 57.1 39.1 58.7



Acetone
 Concen: 6.749 ug/l
 RT: 3.930 min Scan# 346
 Delta R.T. -0.006 min
 Lab File: VY018441.D
 Acq: 03 Jun 2024 15:25

Tgt Ion: 43 Resp: 2800
 Ion Ratio Lower Upper
 43 100
 58 27.6 31.7 47.5#

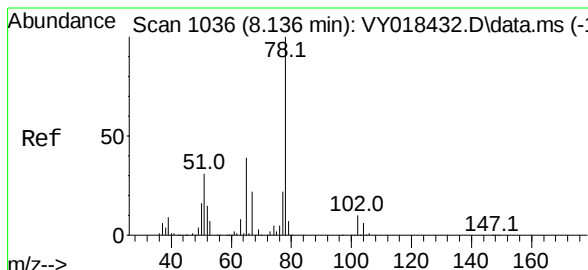
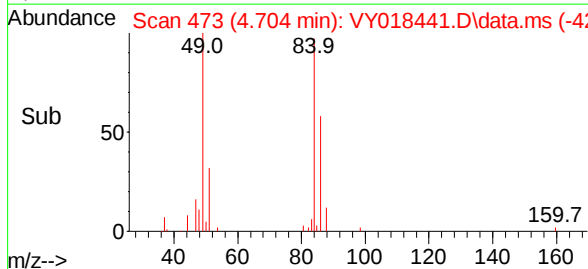
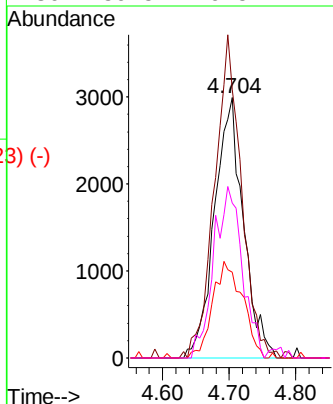
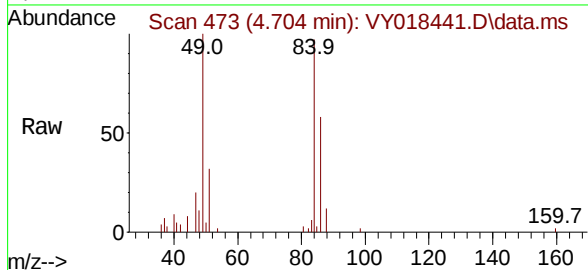




#20
Methylene Chloride
Concen: 1.034 ug/l
RT: 4.704 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY018441.D
Acq: 03 Jun 2024 15:25

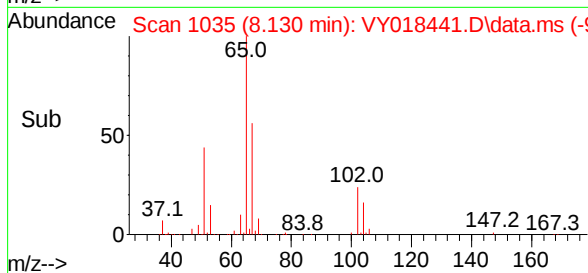
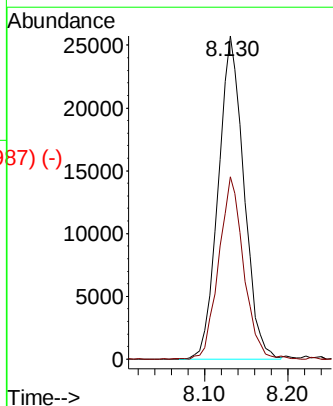
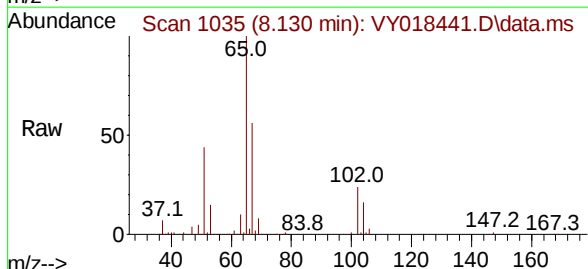
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPR-VOC

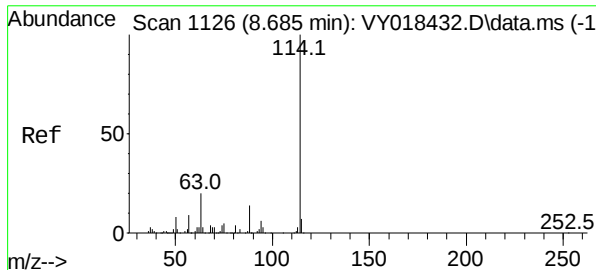
Tgt Ion:	84	Resp:	9026
Ion	Ratio	Lower	Upper
84	100		
49	103.1	84.4	126.6
51	32.9	26.0	39.0
86	59.5	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 29.718 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018441.D
Acq: 03 Jun 2024 15:25

Tgt Ion:	65	Resp:	55553
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.6





1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018441.D

Acq: 03 Jun 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPR-VOC

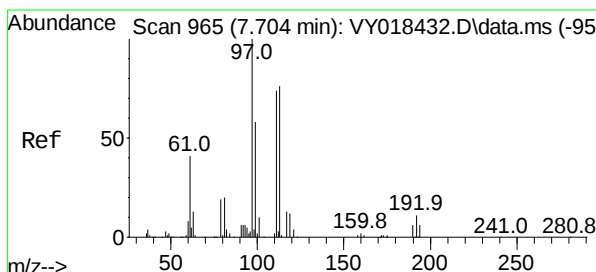
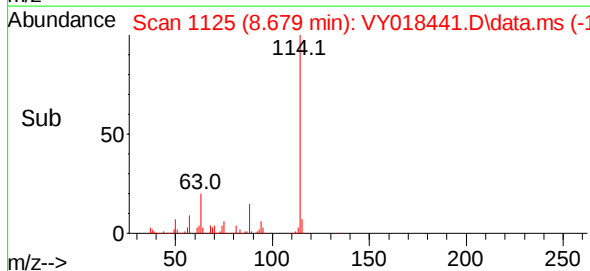
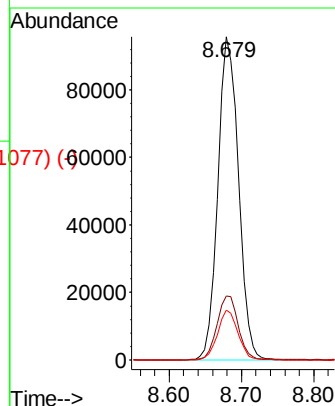
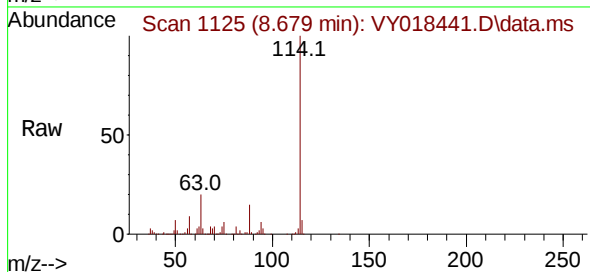
Tgt Ion:114 Resp: 188525

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.4 0.0 27.2



Dibromofluoromethane

Concen: 23.793 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018441.D

Acq: 03 Jun 2024 15:25

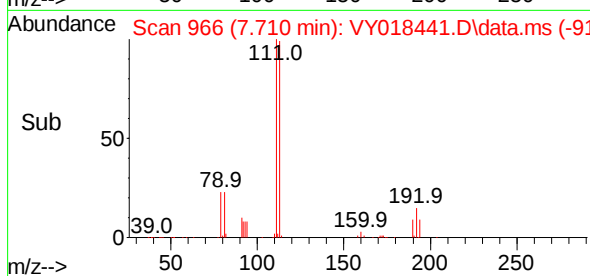
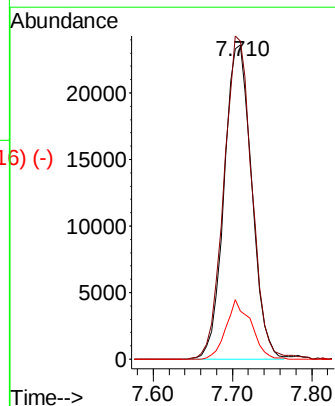
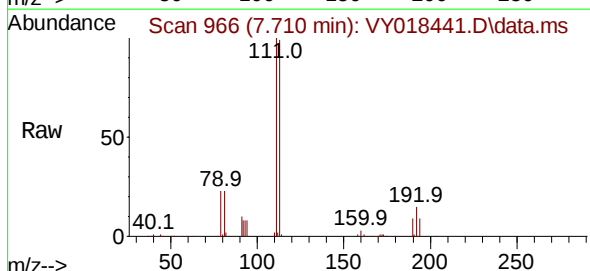
Tgt Ion:113 Resp: 56881

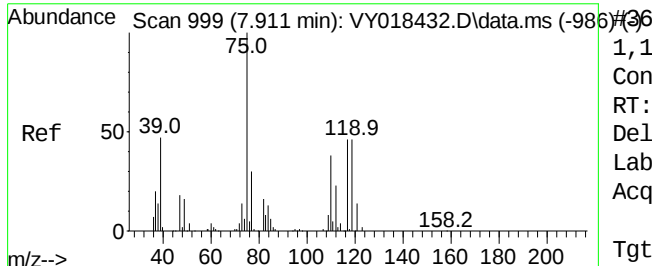
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 17.2 15.9 23.9





1,1-Dichloropropene

Concen: 2.326 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018441.D

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Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPR-VOC

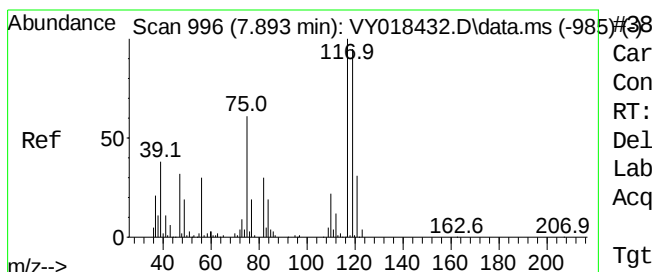
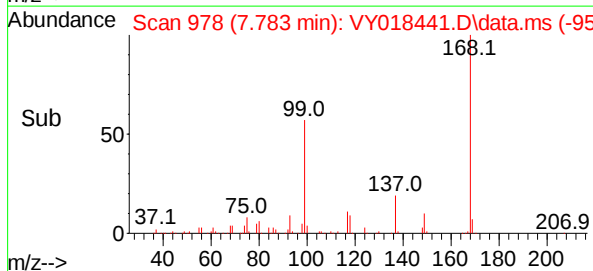
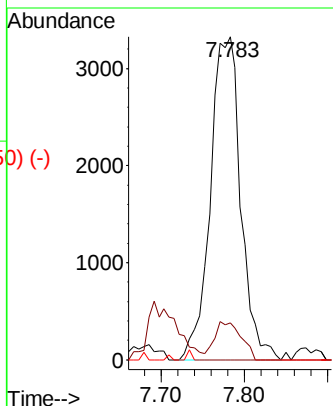
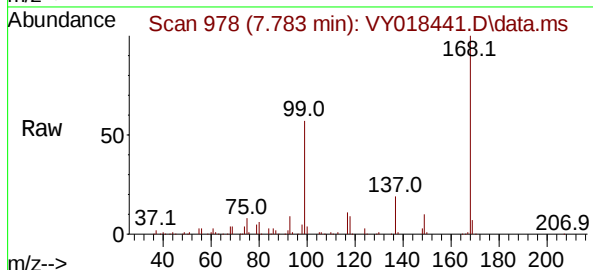
Tgt Ion: 75 Resp: 8479

Ion Ratio Lower Upper

75 100

110 10.3 19.0 57.0#

77 0.0 25.3 37.9#



Carbon Tetrachloride

Concen: 2.733 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY018441.D

Acq: 03 Jun 2024 15:25

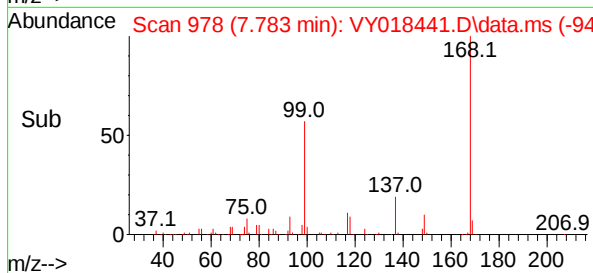
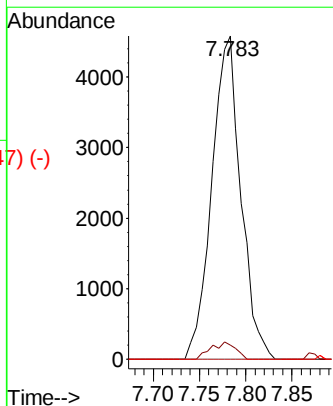
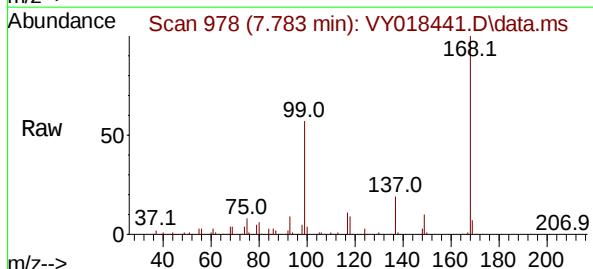
Tgt Ion: 117 Resp: 9982

Ion Ratio Lower Upper

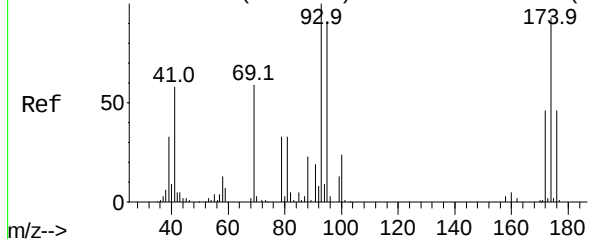
117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-12169)



1,4-Dioxane

Concen: 1.276 ug/l

RT: 9.149 min Scan#

Delta R.T. -0.152 min

Lab File: VY018441.D

Acq: 03 Jun 2024 15:25

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MSVOA_Y

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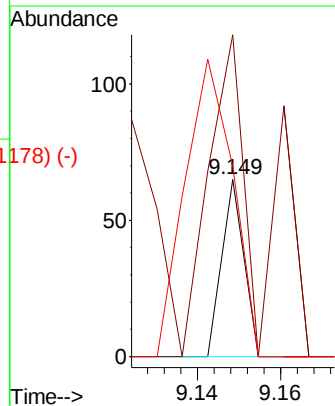
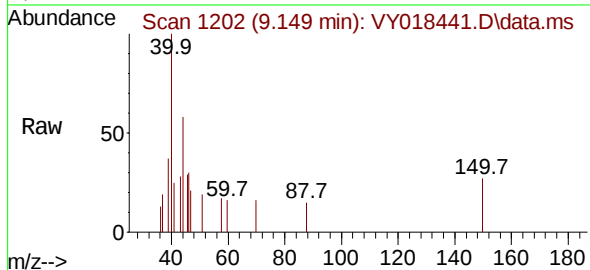
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

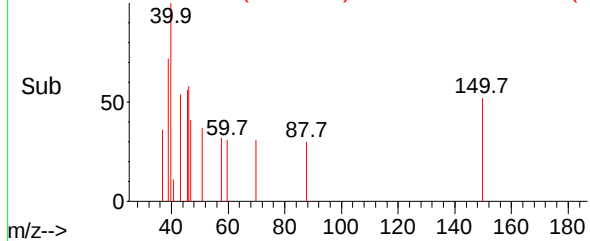
88 100

43 425.0 0.0 0.0#

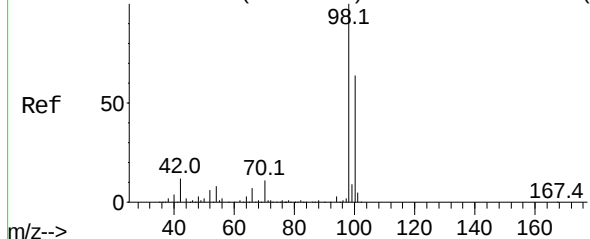
58 362.5 49.3 73.9#



Abundance Scan 1202 (9.149 min): VY018441.D\data.ms (-1178) (-)



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



Toluene-d8

Concen: 23.761 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018441.D

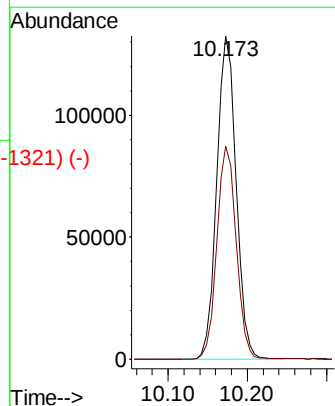
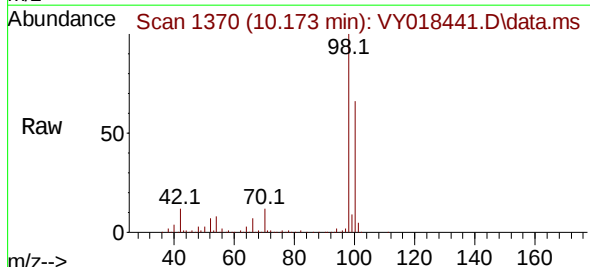
Acq: 03 Jun 2024 15:25

Tgt Ion: 98 Resp: 225984

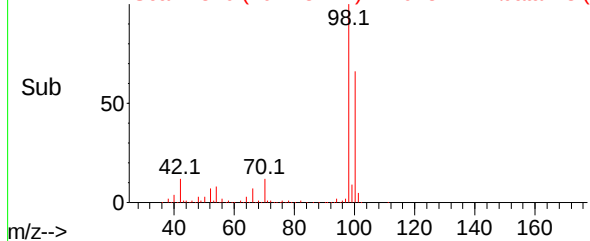
Ion Ratio Lower Upper

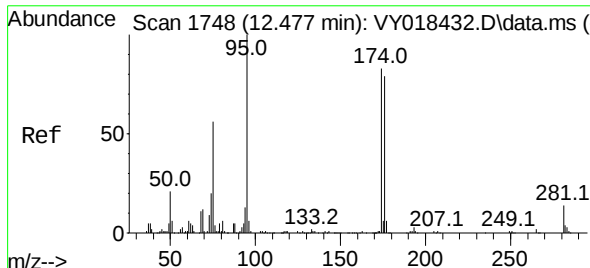
98 100

100 65.8 52.0 78.0



Abundance Scan 1370 (10.173 min): VY018441.D\data.ms (-1321) (-)

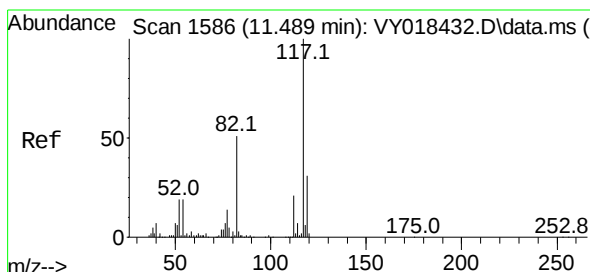
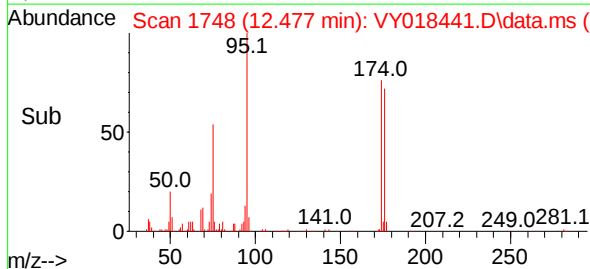
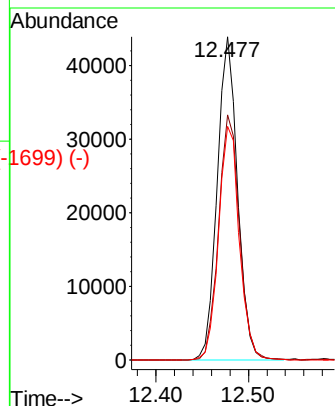
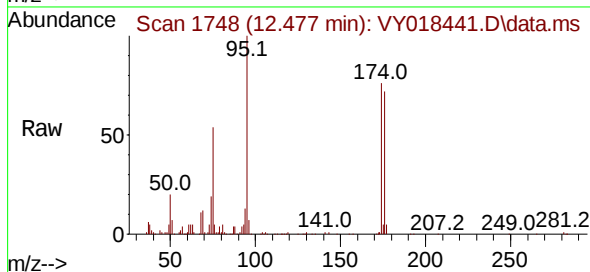




4-Bromofluorobenzene
 Concen: 22.604 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY018441.D
 Acq: 03 Jun 2024 15:25

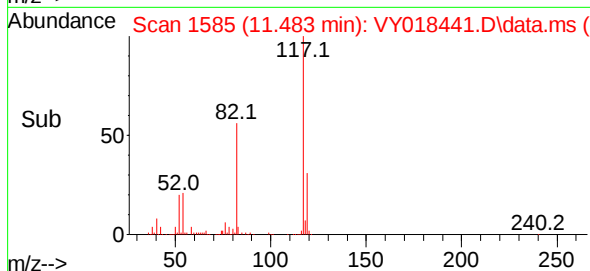
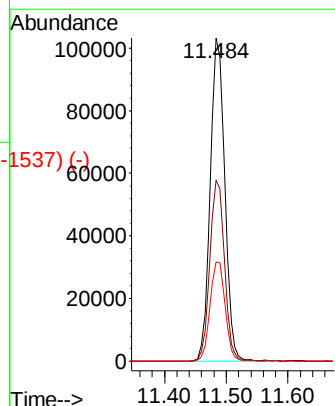
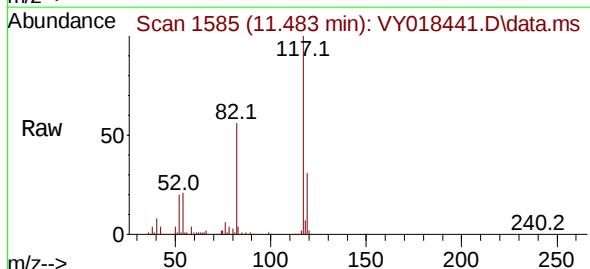
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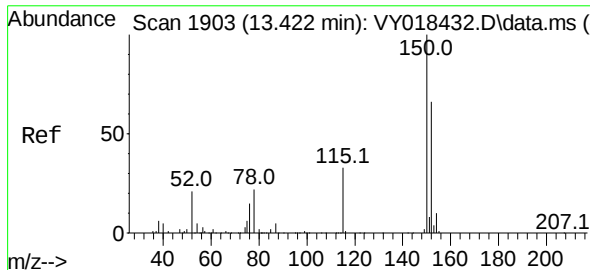
Tgt Ion:	95	Resp:	66934
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	175.6
176	73.9	0.0	171.4



Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.483 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: VY018441.D
 Acq: 03 Jun 2024 15:25

Tgt Ion:	117	Resp:	168092
Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.4	63.6
119	30.7	25.9	38.9

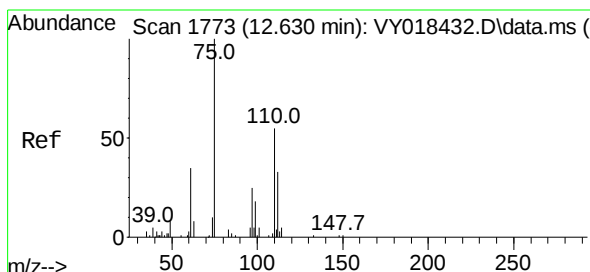
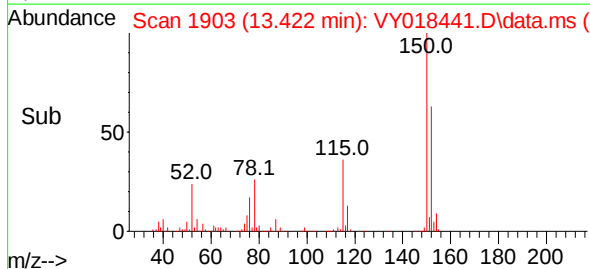
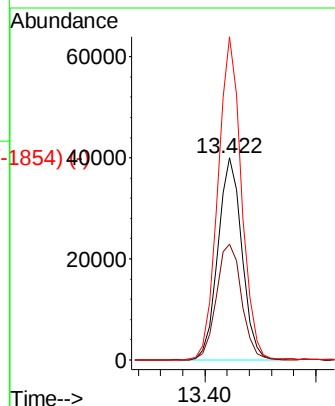
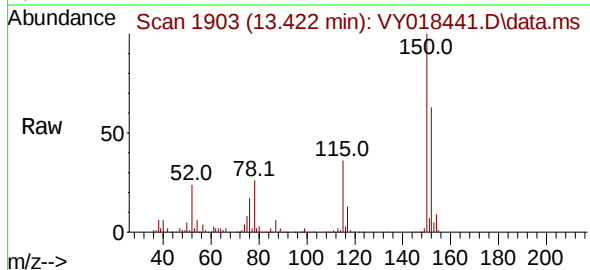




1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY018441.D
Acq: 03 Jun 2024 15:25

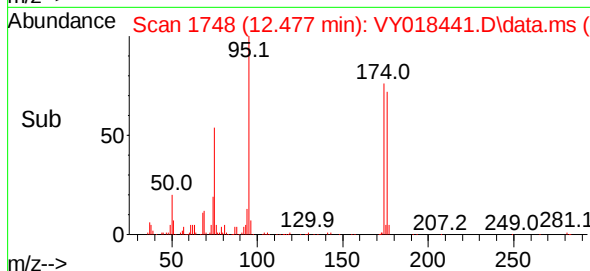
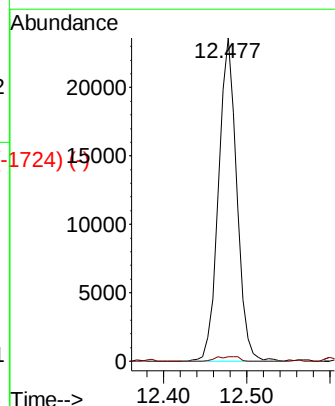
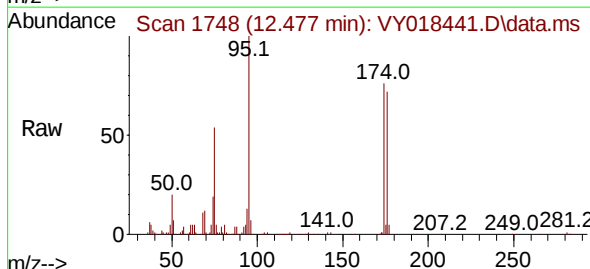
Instrument :
MSVOA_Y
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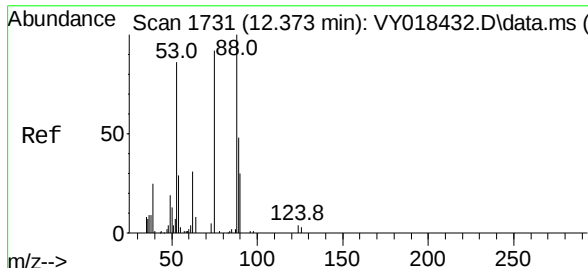
Tgt Ion:152 Resp: 60129
Ion Ratio Lower Upper
152 100
115 60.4 28.2 84.7
150 157.1 0.0 345.6



1,2,3-Trichloropropane
Concen: 48.618 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018441.D
Acq: 03 Jun 2024 15:25

Tgt Ion: 75 Resp: 36250
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

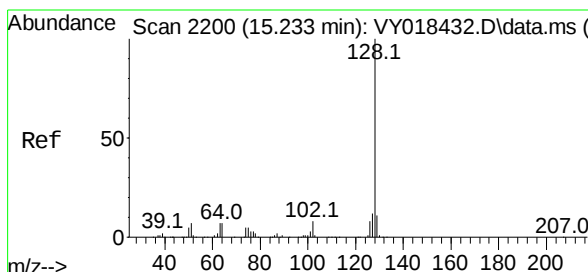
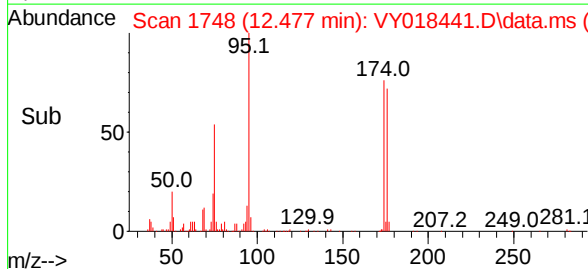
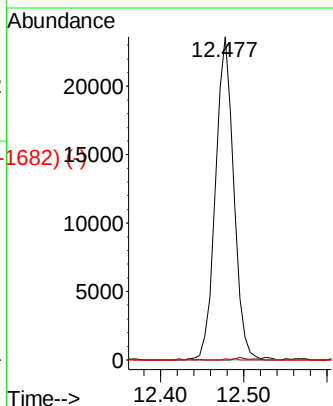
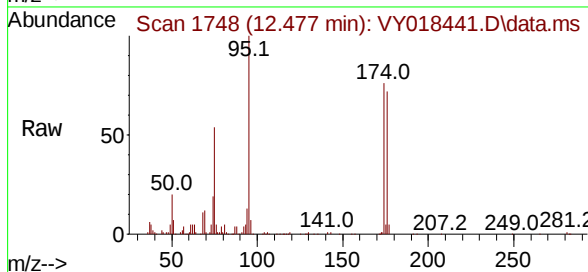




trans-1,4-Dichloro-2-butene
 Concen: 102.143 ug/l
 RT: 12.477 min Scan# 1731
 Delta R.T. 0.104 min
 Lab File: VY018441.D
 Acq: 03 Jun 2024 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPR-VOC

Tgt Ion: 75 Resp: 36250
 Ion Ratio Lower Upper
 75 100
 53 0.5 66.8 100.2#
 89 0.2 35.8 53.6#



Naphthalene
 Concen: 1.191 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: VY018441.D
 Acq: 03 Jun 2024 15:25

Tgt Ion:128 Resp: 2926
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 16.0
 129 15.6 8.6 13.0#

