

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023407.D
 Acq On : 11 Nov 2021 22:59
 Operator : SY/MD
 Sample : M4581-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J4

Quant Time: Nov 12 02:09:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

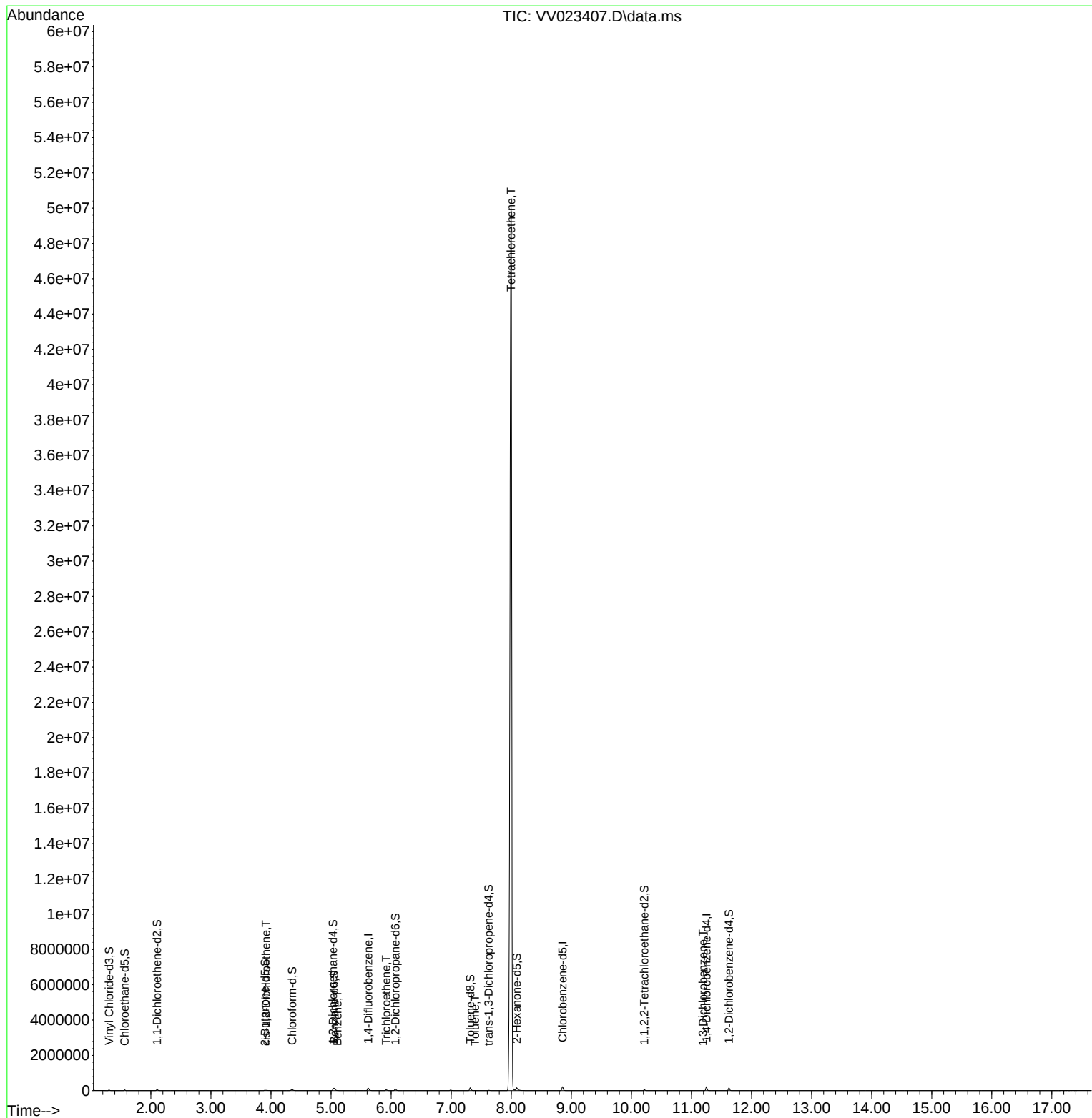
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28118	3.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.564	69	25009	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.105	63	42162	2.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.902	46	49284	36.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.740%
24) Chloroform-d	4.352	84	63584	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.034	65	29791	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	5.053	84	122308	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.072	67	37257	3.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.317	98	107830	3.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.625	79	12563	3.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.092	63	55136	41.954	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25017	3.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	40789	4.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.915	96	1455	0.164	ug/L	# 91
33) Benzene	5.108	78	3647	0.105	ug/L	100
34) Trichloroethene	5.918	95	17078	1.842	ug/L	98
42) Toluene	7.397	91	4065	0.109	ug/L	88
47) Tetrachloroethene	7.995	164	12377857	1540.690	ug/L	94
64) 1,3-Dichlorobenzene	11.191	146	1342	0.080	ug/L	94

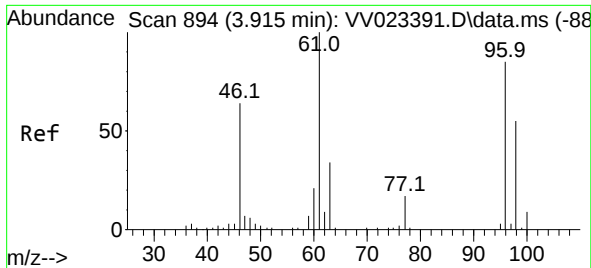
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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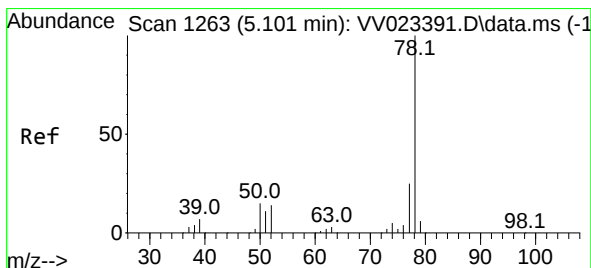
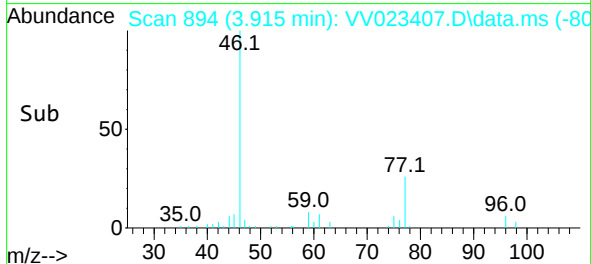
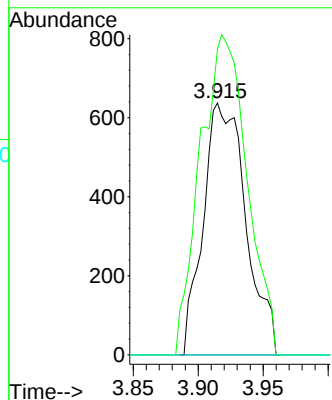
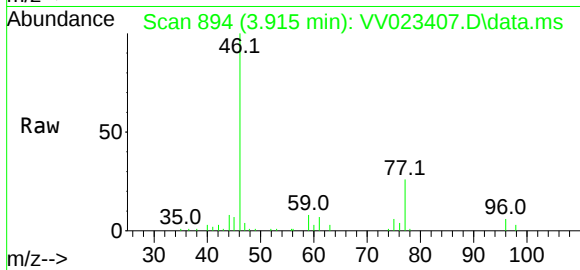




#22
 cis-1,2-Dichloroethene
 Concen: 0.164 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV023407.D
 Acq: 11 Nov 2021 22:59

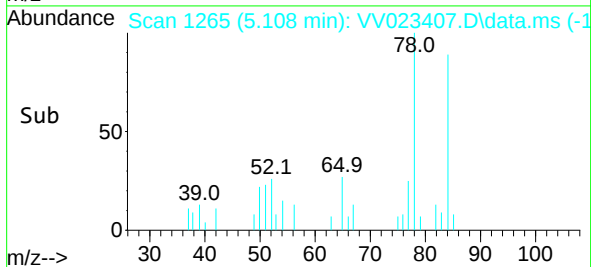
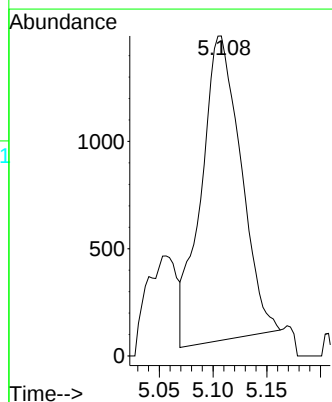
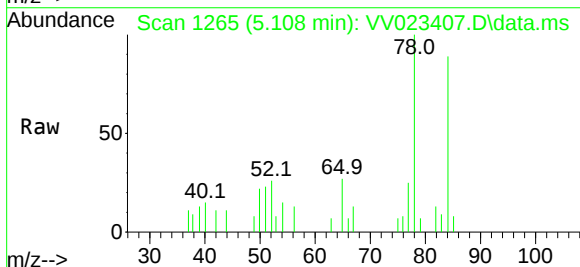
Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J4

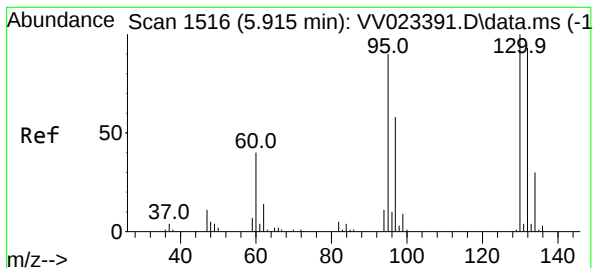
Tgt Ion: 96 Resp: 1455
 Ion Ratio Lower Upper
 96 100
 61 121.5 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.105 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.007 min
 Lab File: VV023407.D
 Acq: 11 Nov 2021 22:59

Tgt Ion: 78 Resp: 3647





#34

Trichloroethene

Concen: 1.842 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

ClientSampleId :

GB8J4

Tgt Ion: 95 Resp: 17078

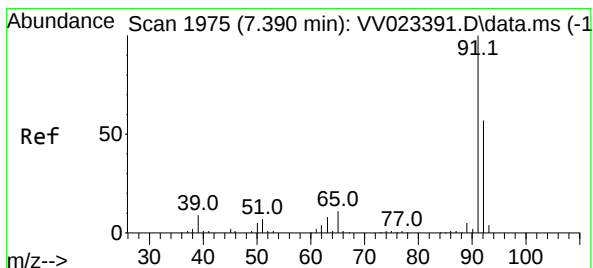
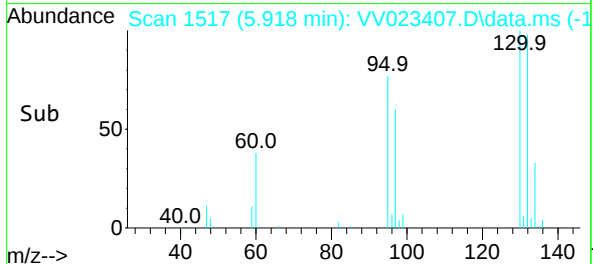
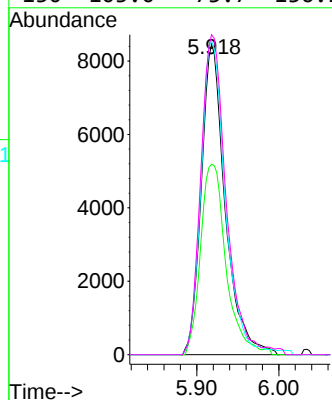
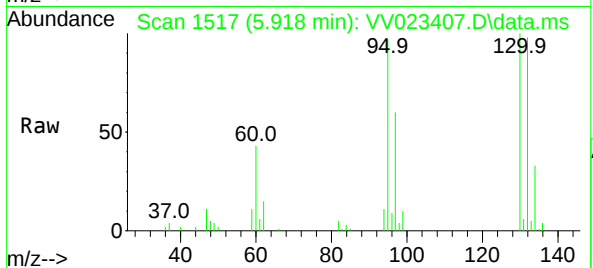
Ion Ratio Lower Upper

95 100

97 61.3 45.0 83.6

132 101.1 69.7 129.4

130 103.0 73.7 136.9



#42

Toluene

Concen: 0.109 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.007 min

Lab File: VV023407.D

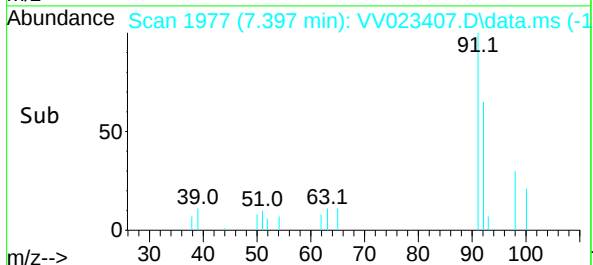
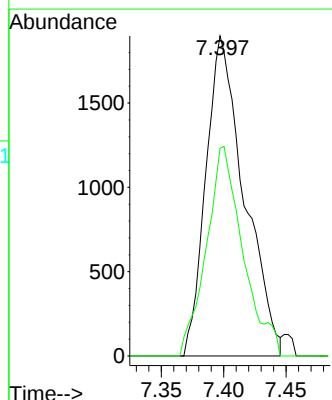
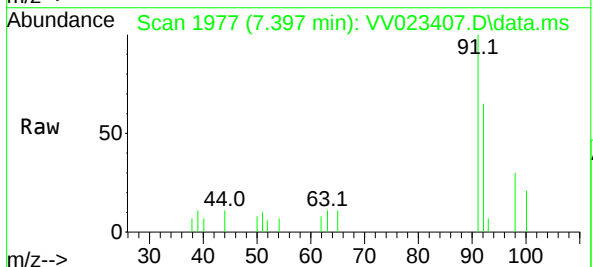
Acq: 11 Nov 2021 22:59

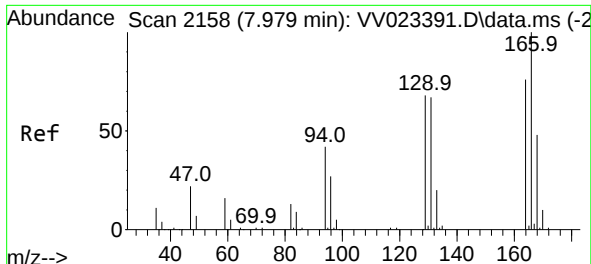
Tgt Ion: 91 Resp: 4065

Ion Ratio Lower Upper

91 100

92 64.9 39.3 72.9





#47

Tetrachloroethene

Concen: 1540.690 ug/L

RT: 7.995 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

ClientSampleId :

GB8J4

Tgt Ion:164 Resp:12377857

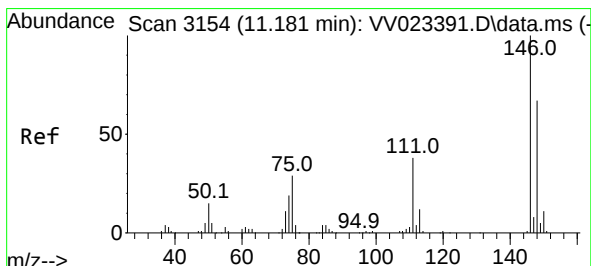
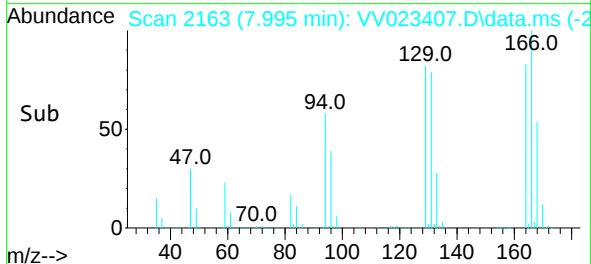
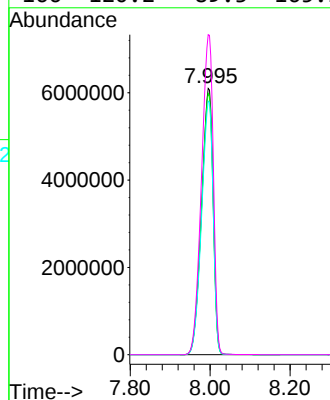
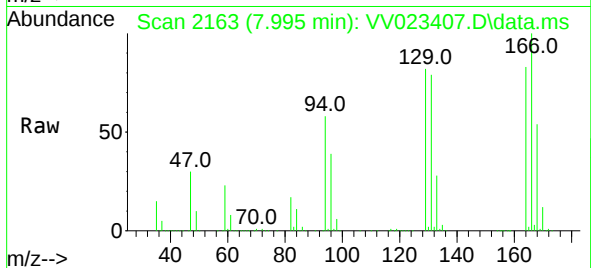
Ion Ratio Lower Upper

164 100

129 98.0 64.0 119.0

131 95.2 63.4 117.8

166 120.2 89.3 165.9



#64

1,3-Dichlorobenzene

Concen: 0.080 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.010 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Tgt Ion:146 Resp: 1342

Ion Ratio Lower Upper

146 100

111 35.3 26.7 49.7

148 56.3 42.9 79.7

