

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047362.D
 Acq On : 07 Mar 2022 13:10
 Operator : SY/MD
 Sample : VIBLK008
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK008

Quant Time: Mar 08 03:00:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

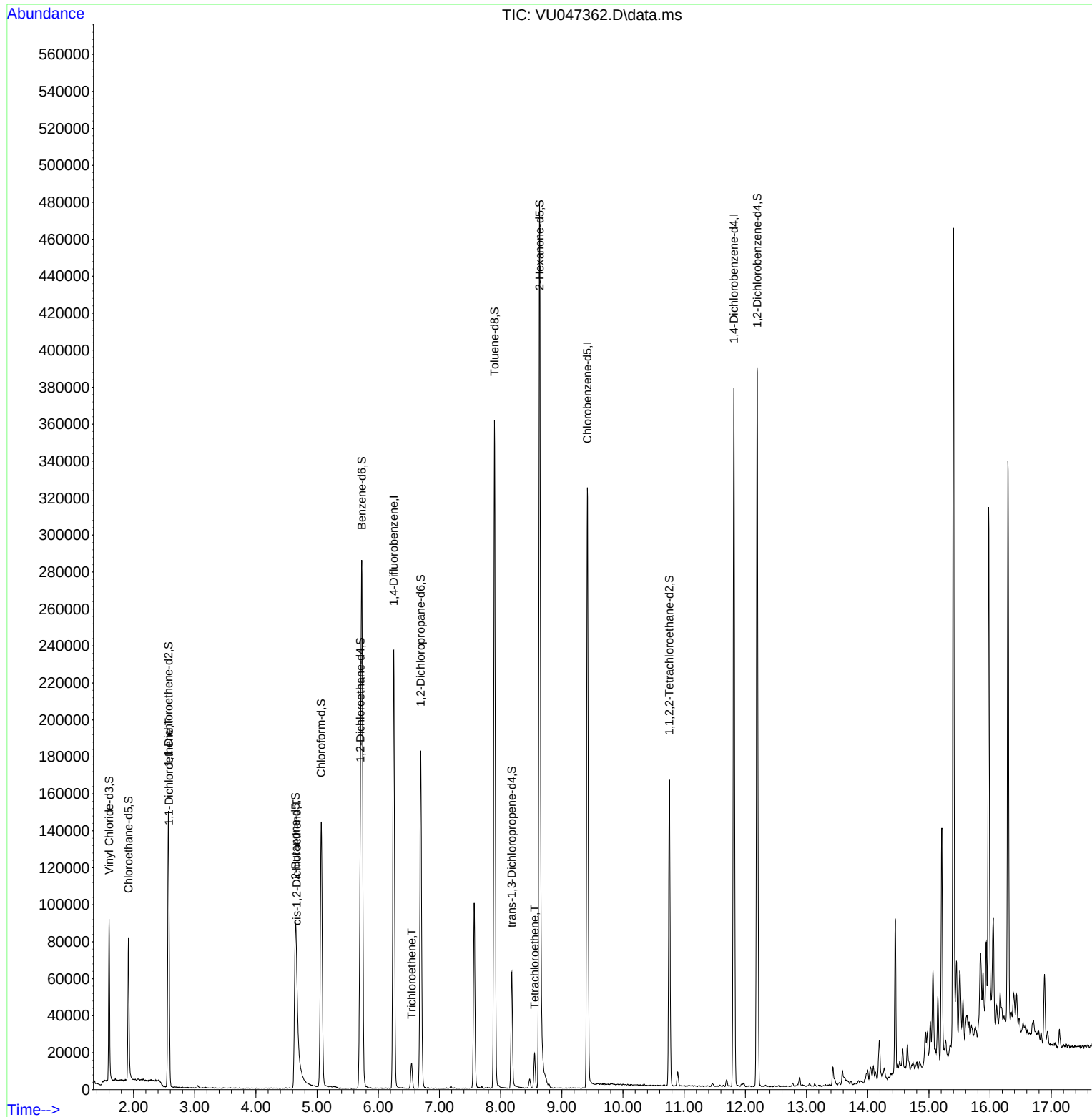
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	205807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	107017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62645	4.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.916	69	58726	4.819	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.572	65	27514	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.649	46	204682	42.682	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.360%
24) Chloroform-d	5.067	84	135165	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.707	65	76104	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.732	84	275295	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.694	67	88093	5.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.899	98	247613	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.182	79	35197	4.729	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.636	63	193948	45.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82464	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	109010	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	1805	0.179	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	2264	0.190	ug/L	94
34) Trichloroethene	6.546	95	4298	0.375	ug/L	93
47) Tetrachloroethene	8.555	164	4444	0.455	ug/L	90

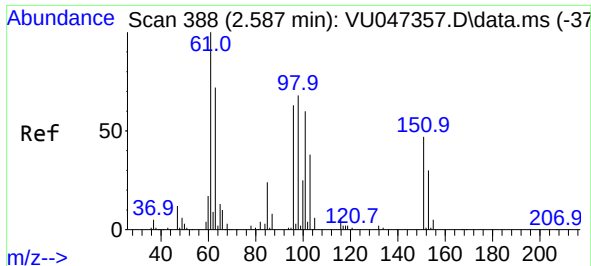
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.179 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.009 min

Lab File: VU047362.D

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK008

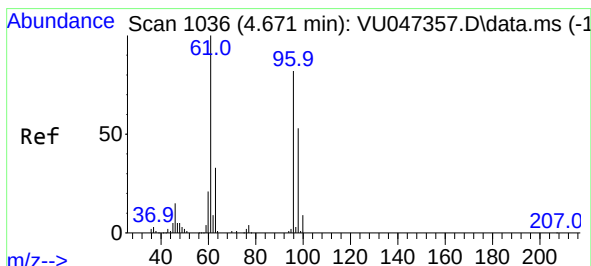
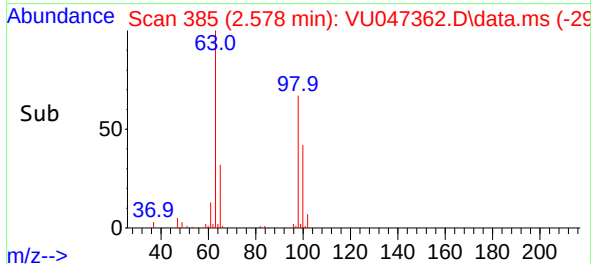
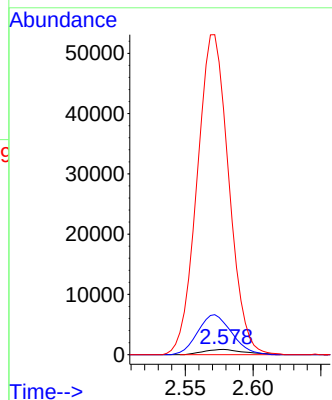
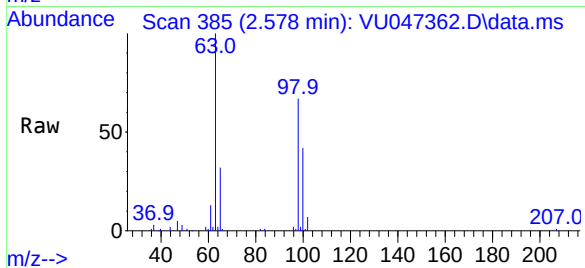
Tgt Ion: 96 Resp: 1805

Ion Ratio Lower Upper

96 100

61 604.0 124.7 231.5#

63 4577.1 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 0.190 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047362.D

Acq: 07 Mar 2022 13:10

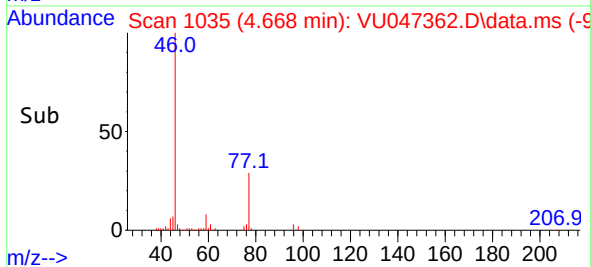
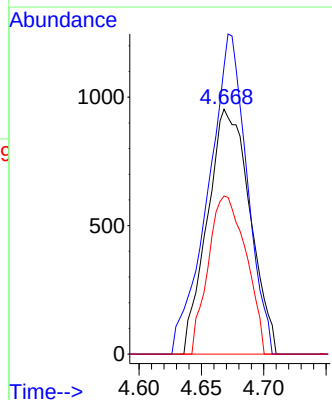
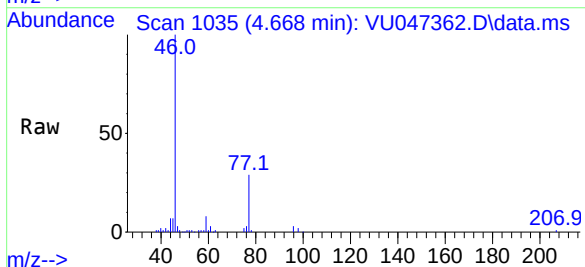
Tgt Ion: 96 Resp: 2264

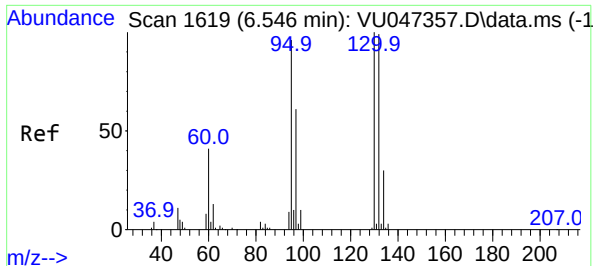
Ion Ratio Lower Upper

96 100

61 117.4 88.5 164.3

98 64.5 44.4 82.5





#34

Trichloroethene

Concen: 0.375 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047362.D

Acq: 07 Mar 2022 13:10

Instrument :

MSVOA_U

ClientSampleId :

VIBLK008

Tgt Ion: 95 Resp: 4298

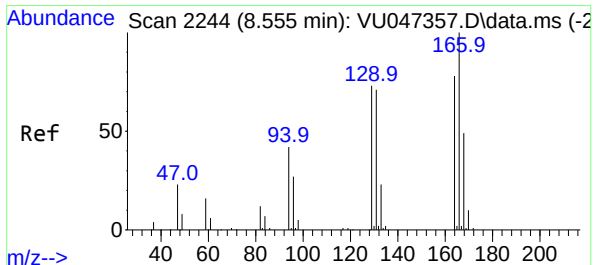
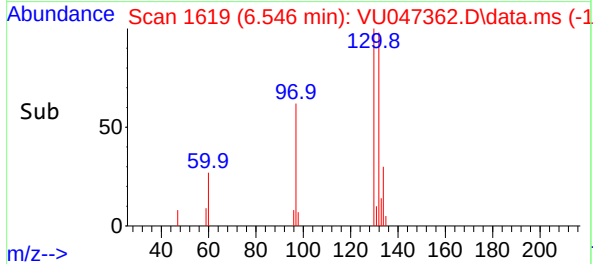
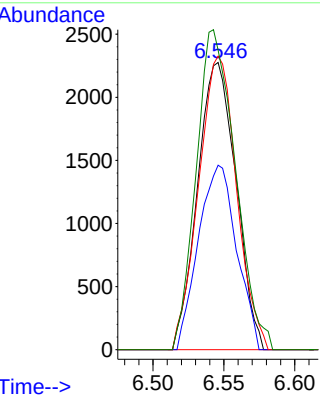
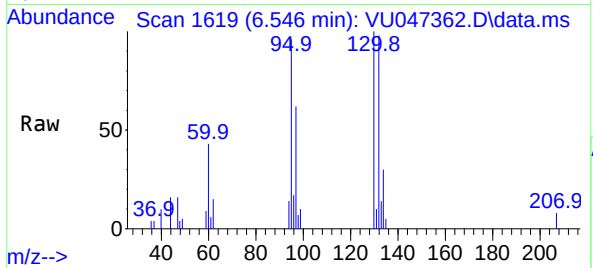
Ion Ratio Lower Upper

95 100

97 64.2 46.5 86.5

132 102.2 65.1 120.9

130 104.3 67.3 124.9



#47

Tetrachloroethene

Concen: 0.455 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047362.D

Acq: 07 Mar 2022 13:10

Tgt Ion:164 Resp: 4444

Ion Ratio Lower Upper

164 100

129 88.4 71.8 133.4

131 87.2 68.5 127.3

166 126.3 94.1 174.8

