

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051822.D
 Acq On : 11 Nov 2022 18:06
 Operator : JC/MD
 Sample : N5593-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD0

Quant Time: Nov 12 01:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

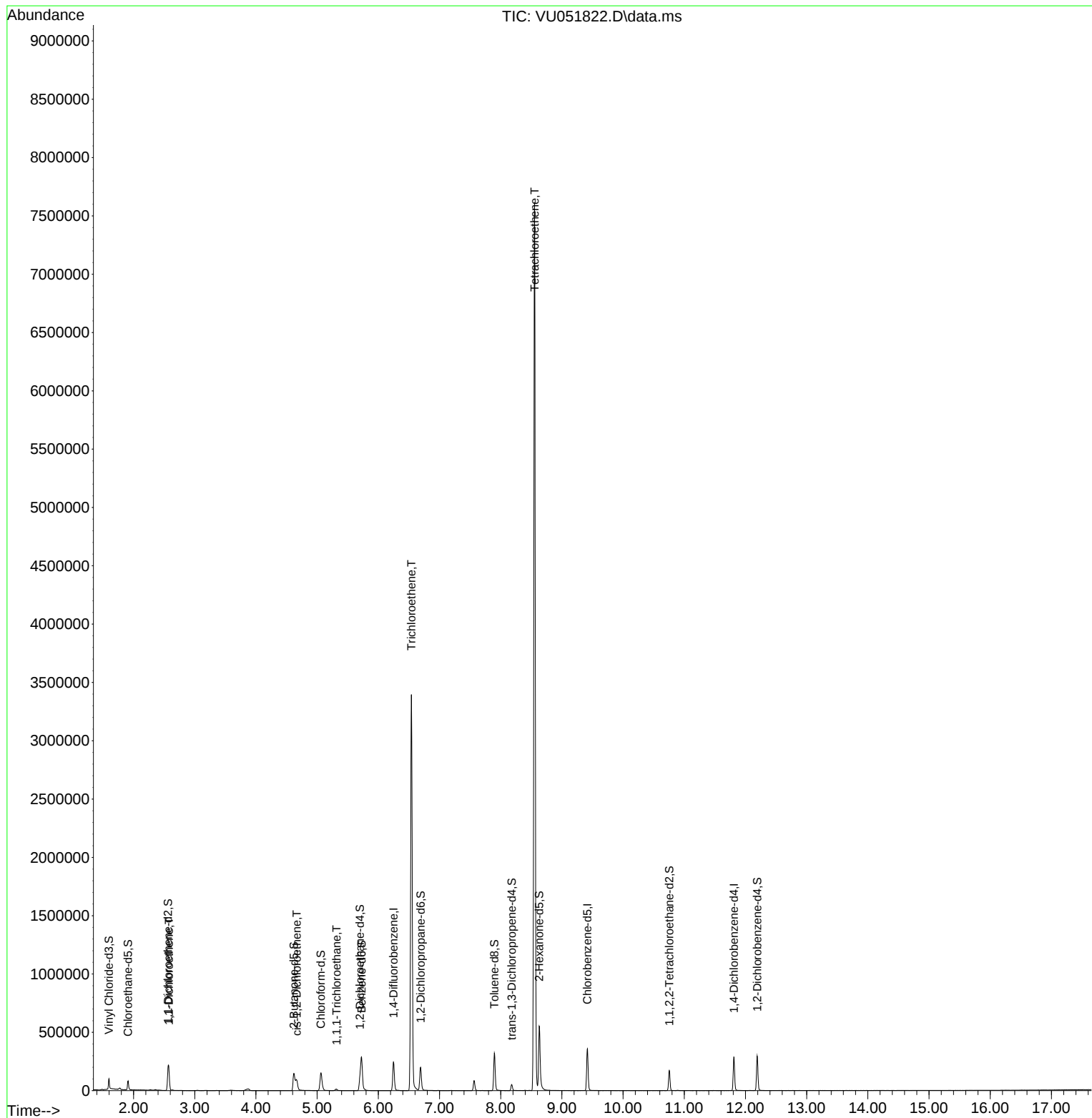
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207099	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	80801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	63625	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.909	69	60747	3.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.562	65	26544	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.620	46	214189	37.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.840%
24) Chloroform-d	5.060	84	142119	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.700	65	78267	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.726	84	279094	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.691	67	99681	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.896	98	226772	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.179	79	30946	4.366	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.629	63	195687	45.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90335	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	84386	5.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	44842	2.491	ug/L	# 82
22) cis-1,2-Dichloroethene	4.668	96	41838	1.957	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	9424	0.330	ug/L	96
34) Trichloroethene	6.540	95	1169237	58.449	ug/L	99
47) Tetrachloroethene	8.552	164	1713949	111.871	ug/L	94

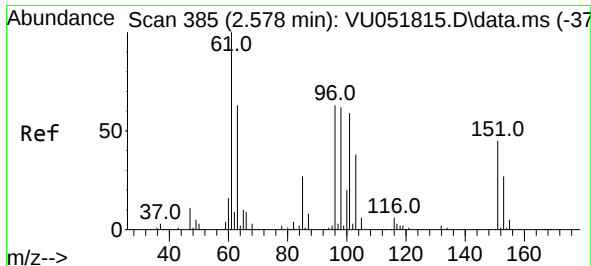
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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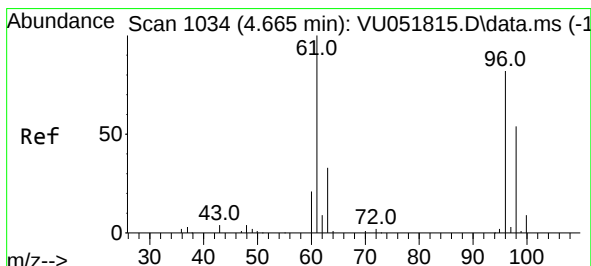
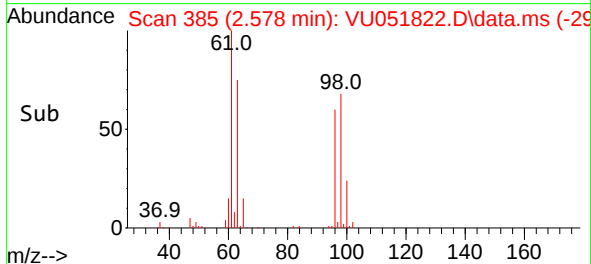
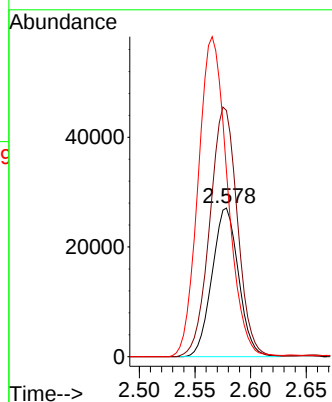
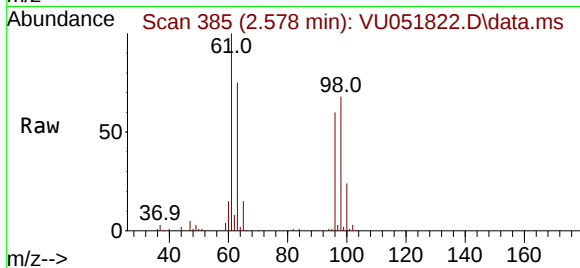




#12
1,1-Dichloroethene
Concen: 2.491 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

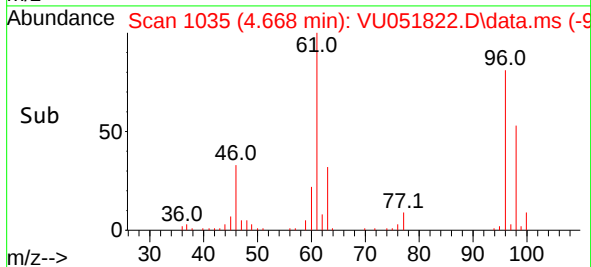
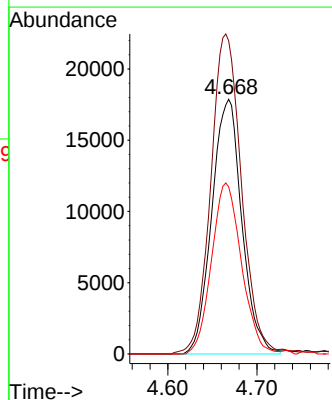
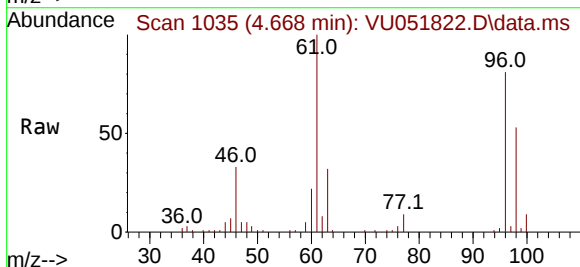
Instrument :
MSVOA_U
ClientSampleId :
H0AD0

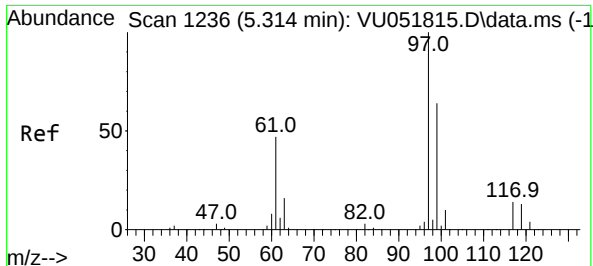
Tgt Ion: 96 Resp: 44842
Ion Ratio Lower Upper
96 100
61 165.7 108.8 202.0
63 125.0 64.9 120.5#



#22
cis-1,2-Dichloroethene
Concen: 1.957 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.004 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

Tgt Ion: 96 Resp: 41838
Ion Ratio Lower Upper
96 100
61 122.9 86.4 160.4
98 65.6 44.2 82.2





#29

1,1,1-Trichloroethane

Concen: 0.330 ug/L

RT: 5.318 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU051822.D

Acq: 11 Nov 2022 18:06

Instrument :

MSVOA_U

ClientSampleId :

H0AD0

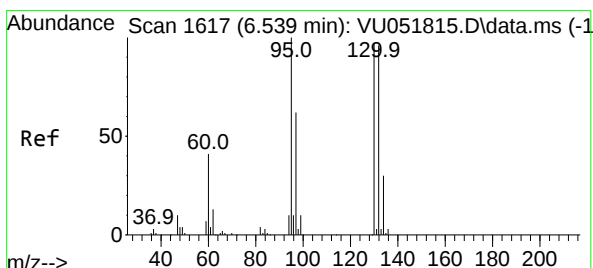
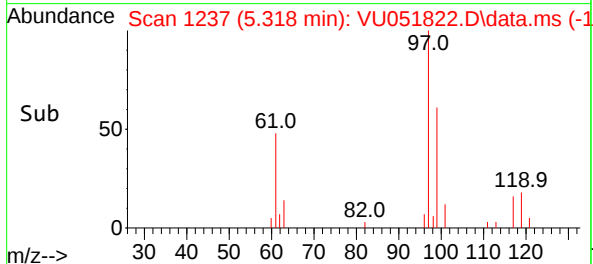
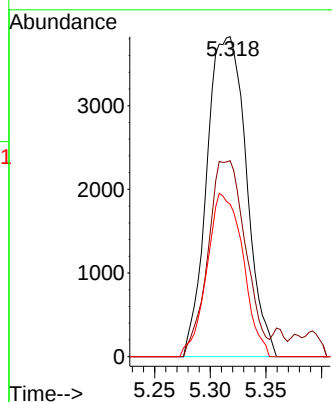
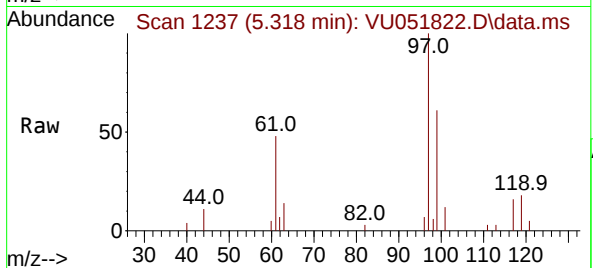
Tgt Ion: 97 Resp: 9424

Ion Ratio Lower Upper

97 100

99 58.4 51.1 76.7

61 46.7 37.4 56.0



#34

Trichloroethene

Concen: 58.449 ug/L

RT: 6.540 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU051822.D

Acq: 11 Nov 2022 18:06

Tgt Ion: 95 Resp: 1169237

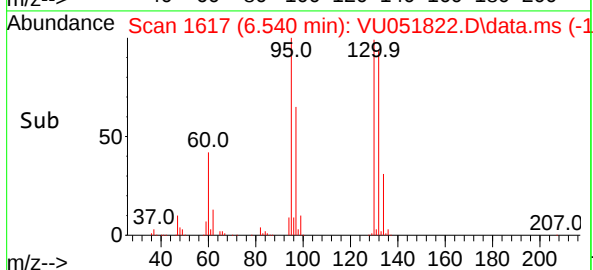
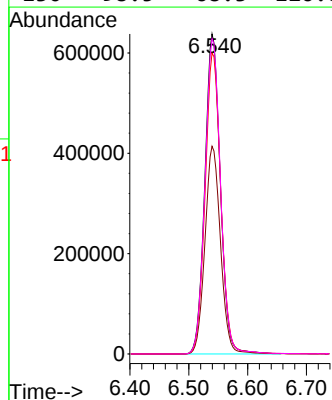
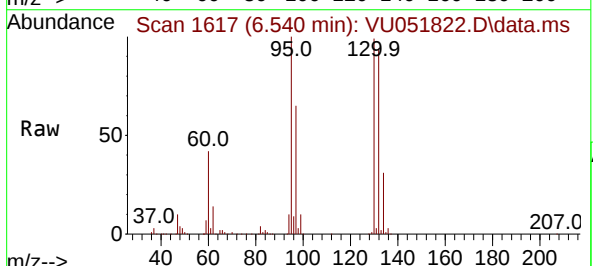
Ion Ratio Lower Upper

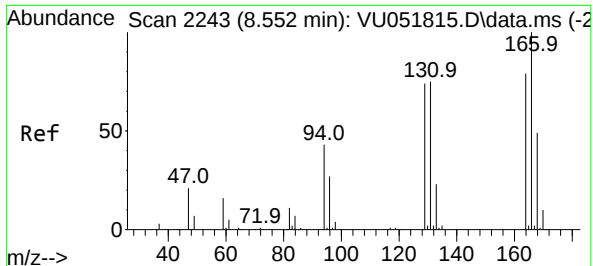
95 100

97 64.9 45.2 84.0

132 94.0 66.5 123.5

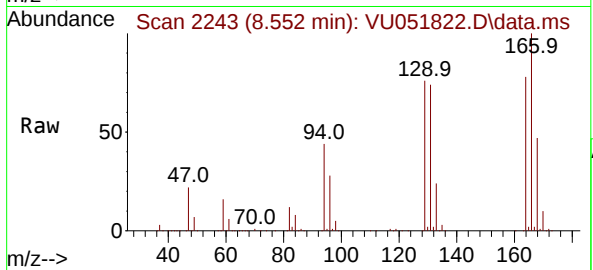
130 98.5 68.3 126.8





#47
Tetrachloroethene
Concen: 111.871 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

Instrument :
MSVOA_U
ClientSampleId :
H0AD0



Tgt Ion:164 Resp: 1713949

Ion	Ratio	Lower	Upper
164	100		
129	97.4	64.0	118.8
131	94.5	60.7	112.7
166	128.1	86.8	161.2

