

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056385.D
 Acq On : 16 Nov 2023 04:10
 Operator : MD/SY
 Sample : 05411-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QH7

Quant Time: Nov 16 06:16:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

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

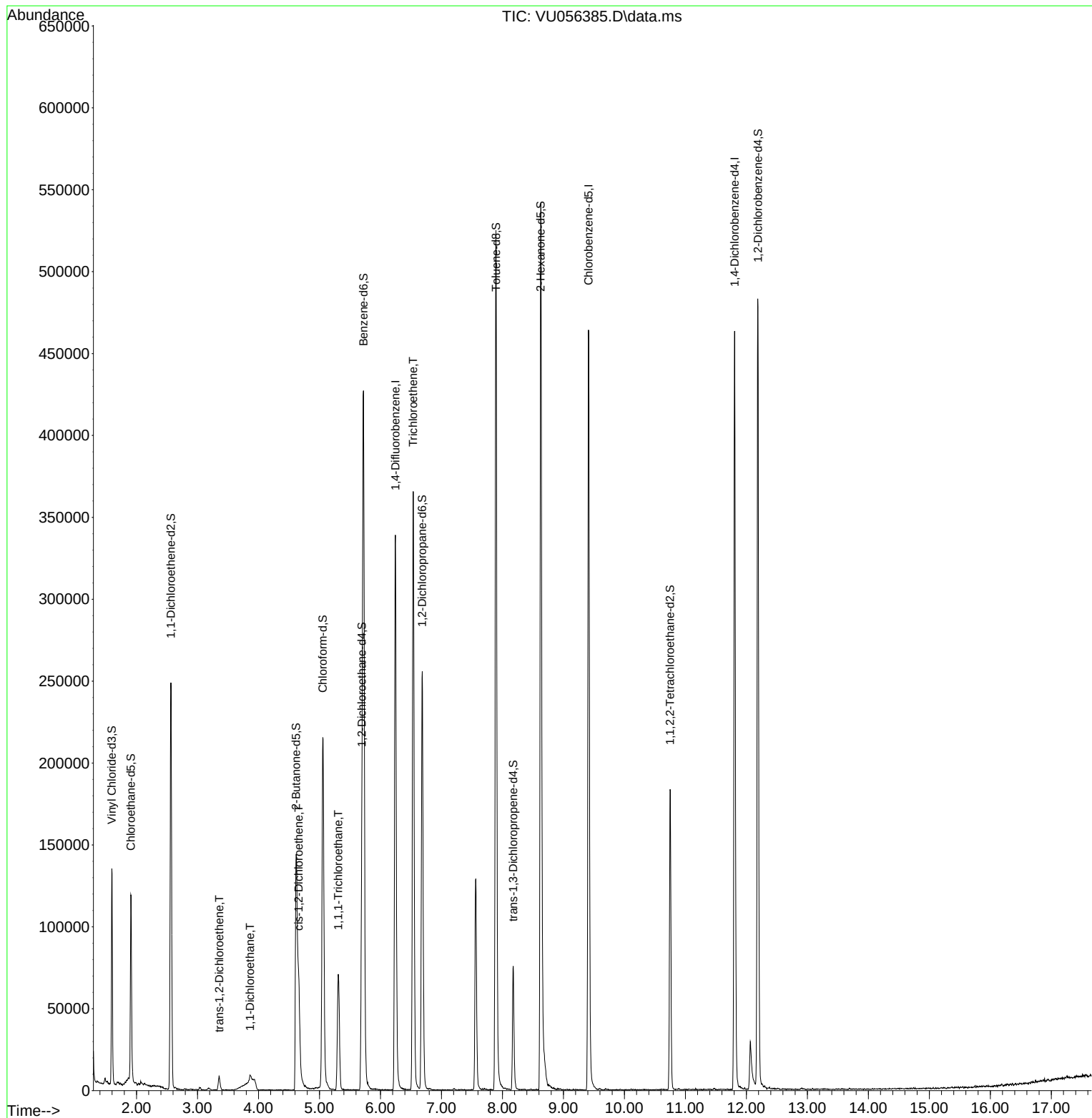
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	273079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	268352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92969	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	83402	5.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.563	65	48177	5.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.800%
20) 2-Butanone-d5	4.618	46	234031	57.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.055	84	206312	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.695	65	107062	5.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.721	84	409079	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	124291	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.894	98	360125	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.177	79	44819	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	187544	51.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93791	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	127777	5.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.358	96	2836	0.165	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5208	0.153	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	22474	1.152	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	54114	1.757	ug/L	97
34) Trichloroethene	6.537	95	133679	6.408	ug/L	98

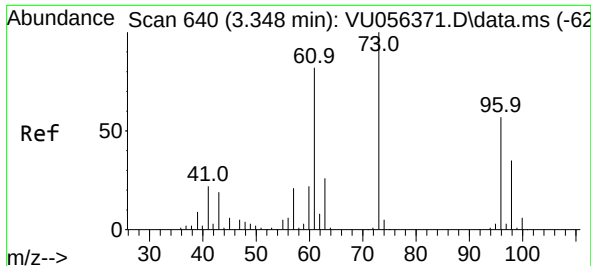
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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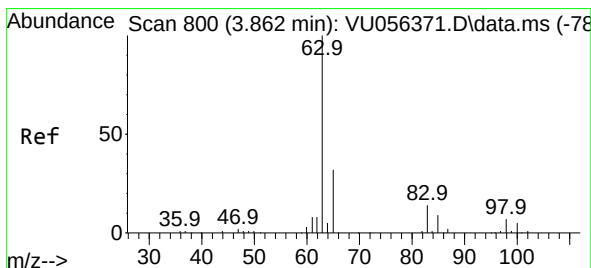
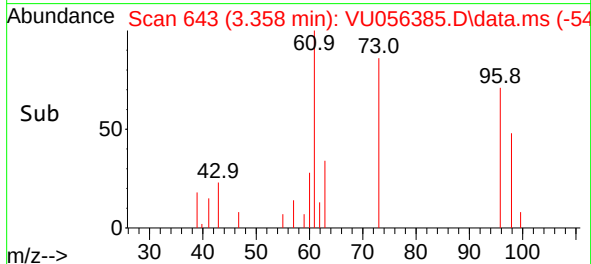
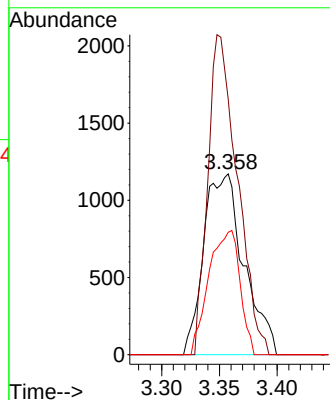
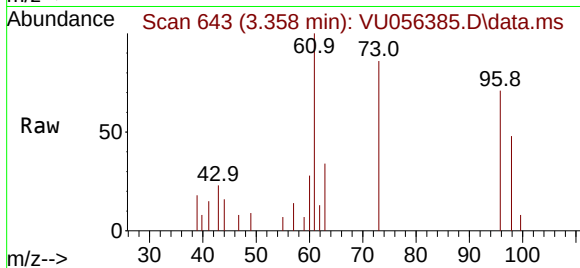




#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 3.358 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

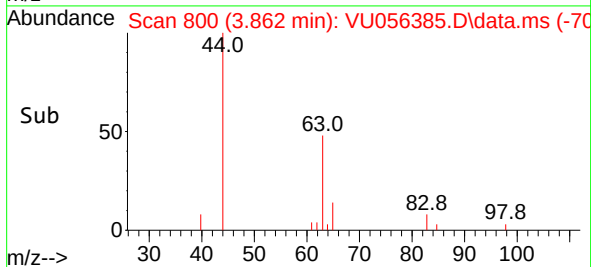
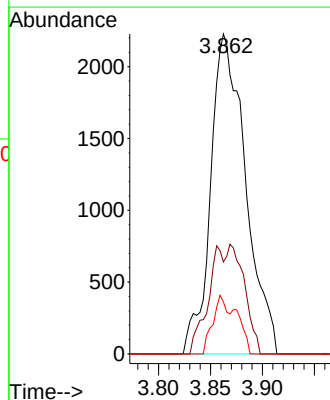
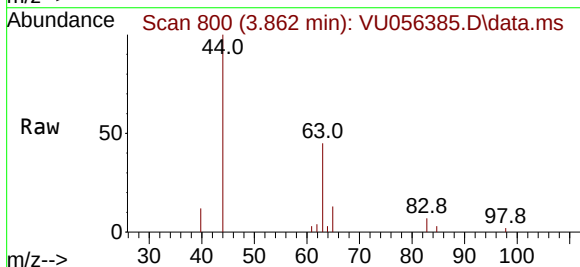
Instrument :
MSVOA_U
ClientSampleId :
C0QH7

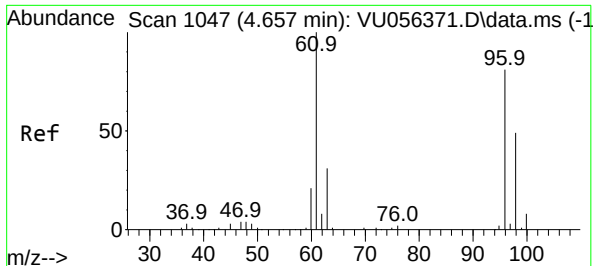
Tgt Ion: 96 Resp: 2836
Ion Ratio Lower Upper
96 100
61 141.4 101.7 188.9
98 67.7 43.0 80.0



#19
1,1-Dichloroethane
Concen: 0.153 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

Tgt Ion: 63 Resp: 5208
Ion Ratio Lower Upper
63 100
65 28.8 21.8 40.6
83 16.3 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 1.152 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU056385.D

Acq: 16 Nov 2023 04:10

Instrument :

MSVOA_U

ClientSampleId :

C0QH7

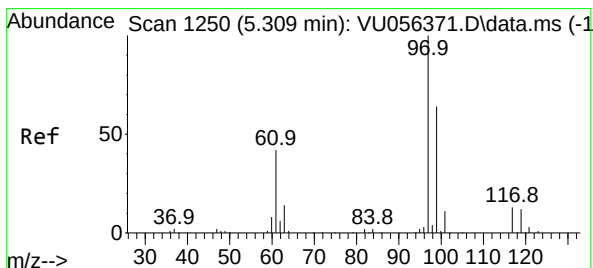
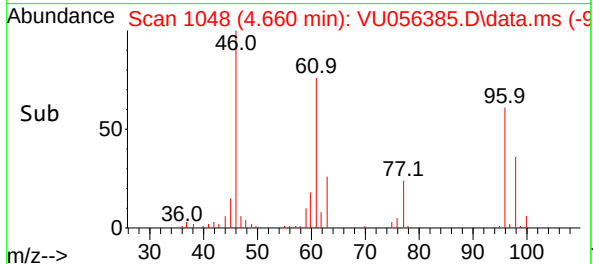
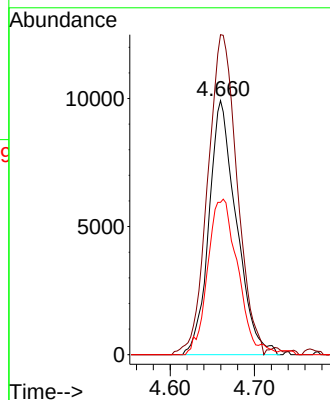
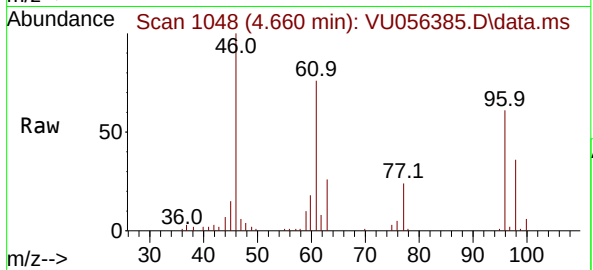
Tgt Ion: 96 Resp: 22474

Ion Ratio Lower Upper

96 100

61 126.0 93.2 173.2

98 59.9 44.8 83.2



#29

1,1,1-Trichloroethane

Concen: 1.757 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056385.D

Acq: 16 Nov 2023 04:10

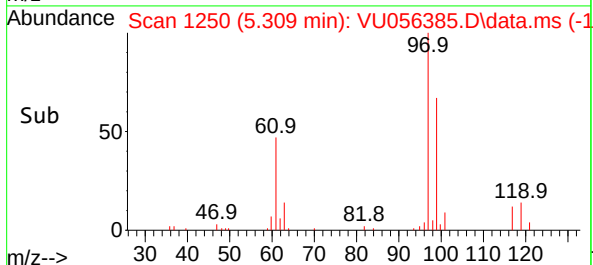
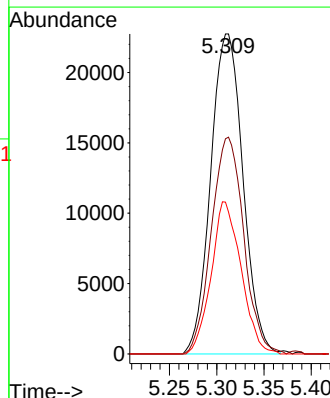
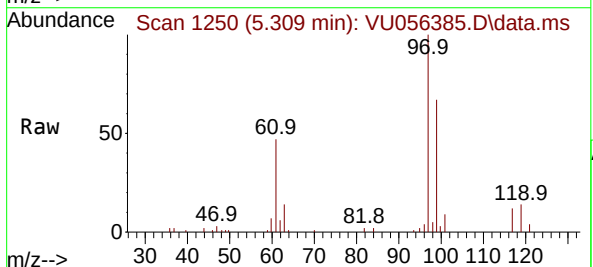
Tgt Ion: 97 Resp: 54114

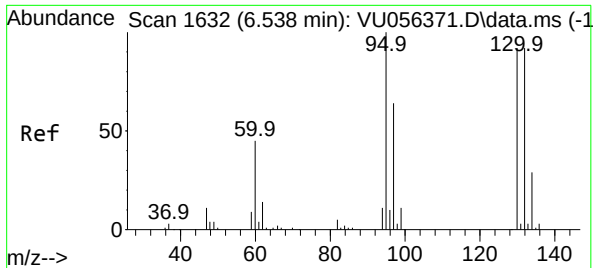
Ion Ratio Lower Upper

97 100

99 67.8 51.6 77.4

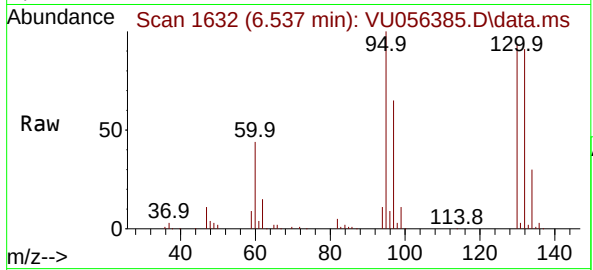
61 44.0 34.3 51.5





#34
 Trichloroethene
 Concen: 6.408 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU056385.D
 Acq: 16 Nov 2023 04:10

Instrument :
 MSVOA_U
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 C0QH7



Tgt Ion: 95 Resp: 133679

Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.5	86.3
132	90.9	62.0	115.2
130	93.2	66.3	123.1

