

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056377.D
 Acq On : 16 Nov 2023 00:56
 Operator : MD/SY
 Sample : 05411-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF6

Quant Time: Nov 16 06:14:25 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)

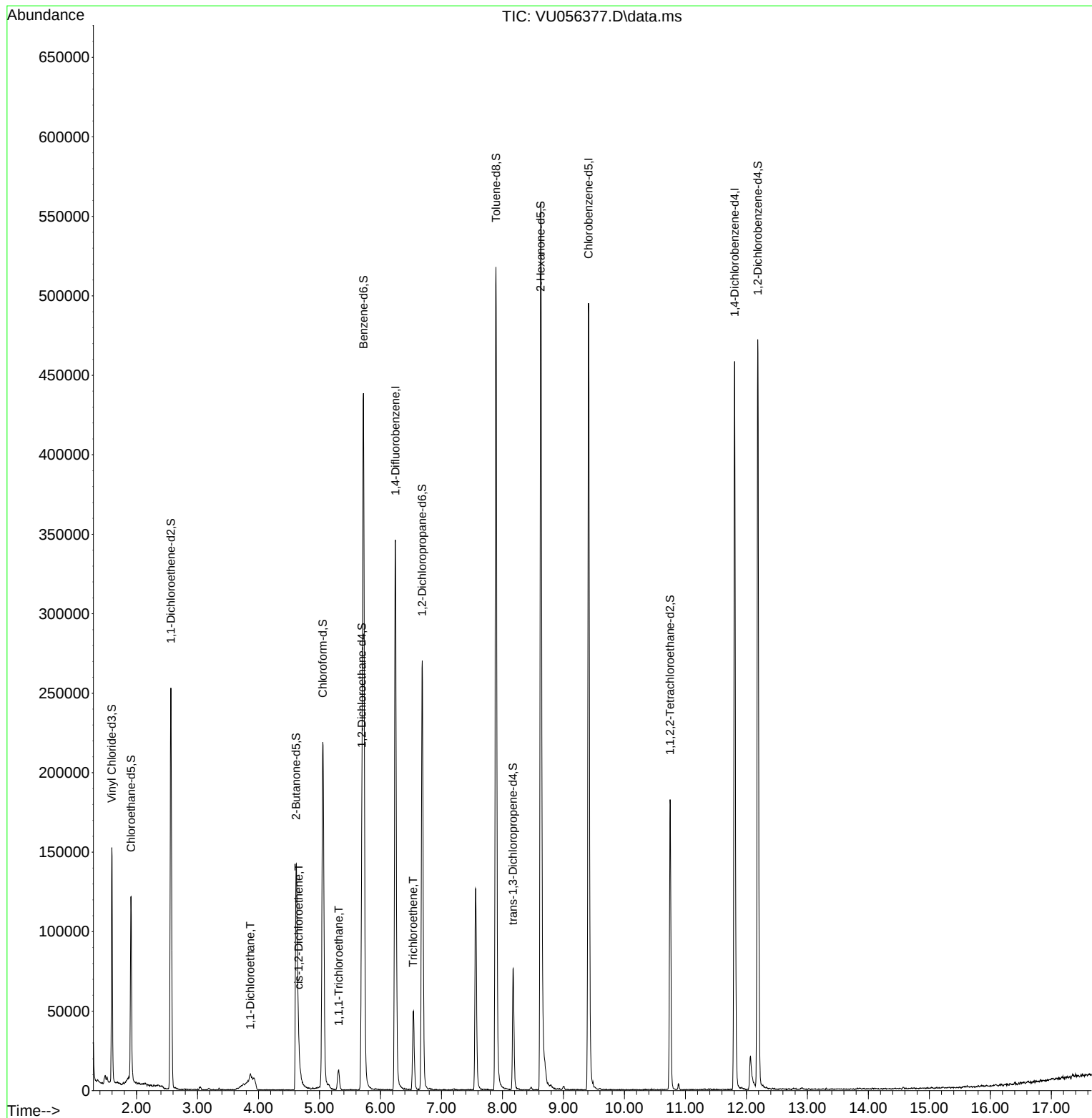
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	282775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106300	5.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.911	69	85259	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.563	65	47925	5.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.618	46	232609	55.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	5.055	84	216025	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.695	65	105309	5.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.721	84	421934	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.685	67	131570	5.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.894	98	361940	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	47750	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	196604	51.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92091	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	121296	5.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.866	63	5492	0.157	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	2549	0.127	ug/L #	74
29) 1,1,1-Trichloroethane	5.316	97	9683	0.298	ug/L	95
34) Trichloroethene	6.537	95	18023	0.820	ug/L	96

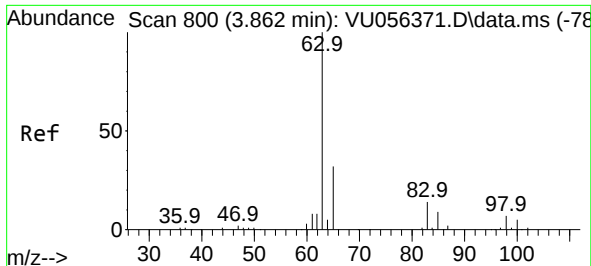
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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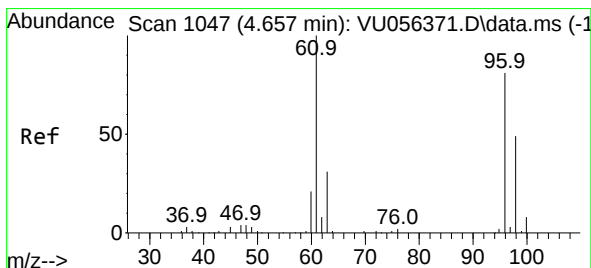
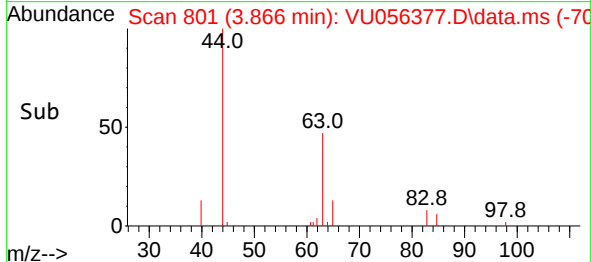
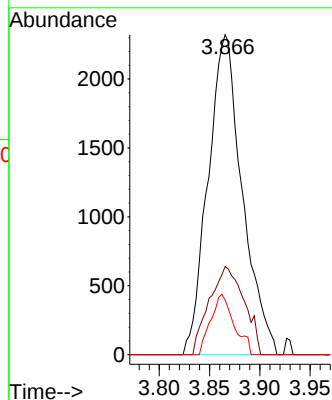
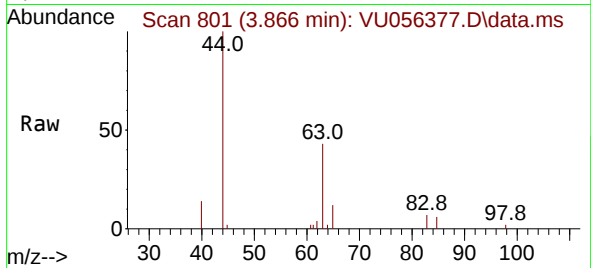




#19
1,1-Dichloroethane
Concen: 0.157 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056377.D
Acq: 16 Nov 2023 00:56

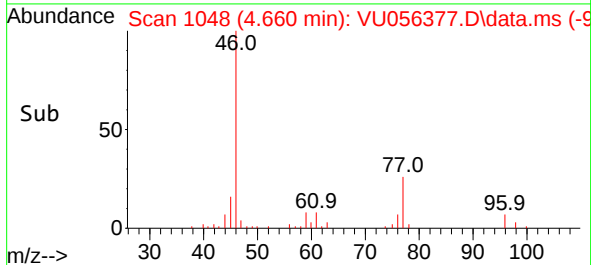
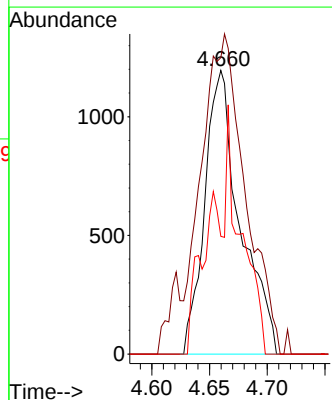
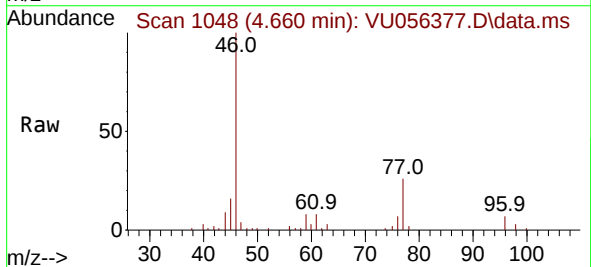
Instrument :
MSVOA_U
ClientSampleId :
C0QF6

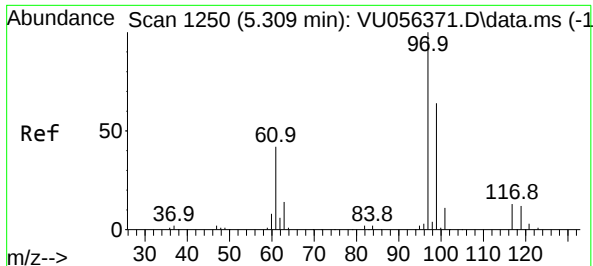
Tgt Ion: 63 Resp: 5492
Ion Ratio Lower Upper
63 100
65 27.5 21.8 40.6
83 17.1 9.7 17.9



#22
cis-1,2-Dichloroethene
Concen: 0.127 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU056377.D
Acq: 16 Nov 2023 00:56

Tgt Ion: 96 Resp: 2549
Ion Ratio Lower Upper
96 100
61 104.5 93.2 173.2
98 41.5 44.8 83.2#





#29

1,1,1-Trichloroethane

Concen: 0.298 ug/L

RT: 5.316 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU056377.D

Acq: 16 Nov 2023 00:56

Instrument :

MSVOA_U

ClientSampleId :

C0QF6

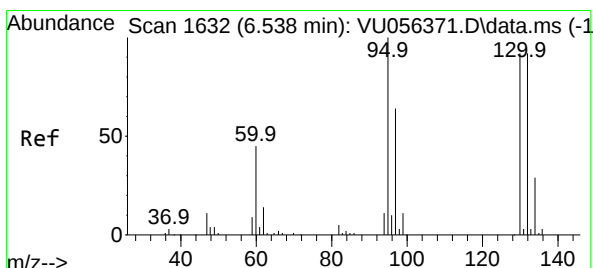
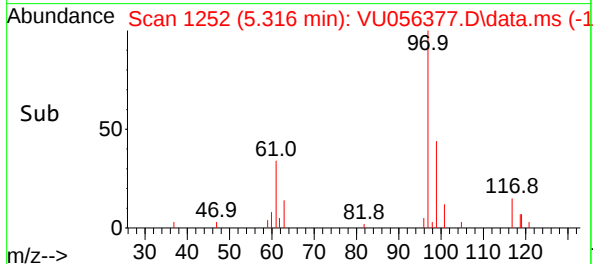
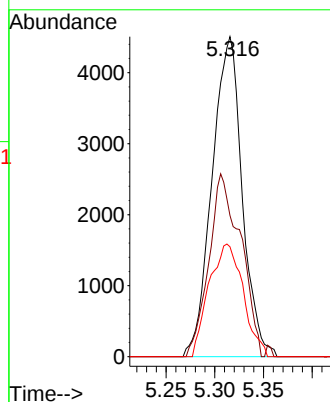
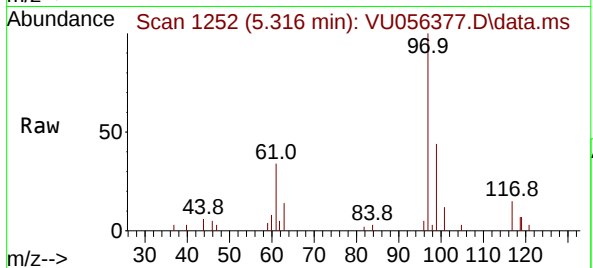
Tgt Ion: 97 Resp: 9683

Ion Ratio Lower Upper

97 100

99 60.3 51.6 77.4

61 39.9 34.3 51.5



#34

Trichloroethene

Concen: 0.820 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056377.D

Acq: 16 Nov 2023 00:56

Tgt Ion: 95 Resp: 18023

Ion Ratio Lower Upper

95 100

97 65.7 46.5 86.3

132 83.0 62.0 115.2

130 90.6 66.3 123.1

