

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056465.D
 Acq On : 18 Nov 2023 01:33
 Operator : MD/SY
 Sample : 05441-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK7

Quant Time: Nov 19 01:25:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

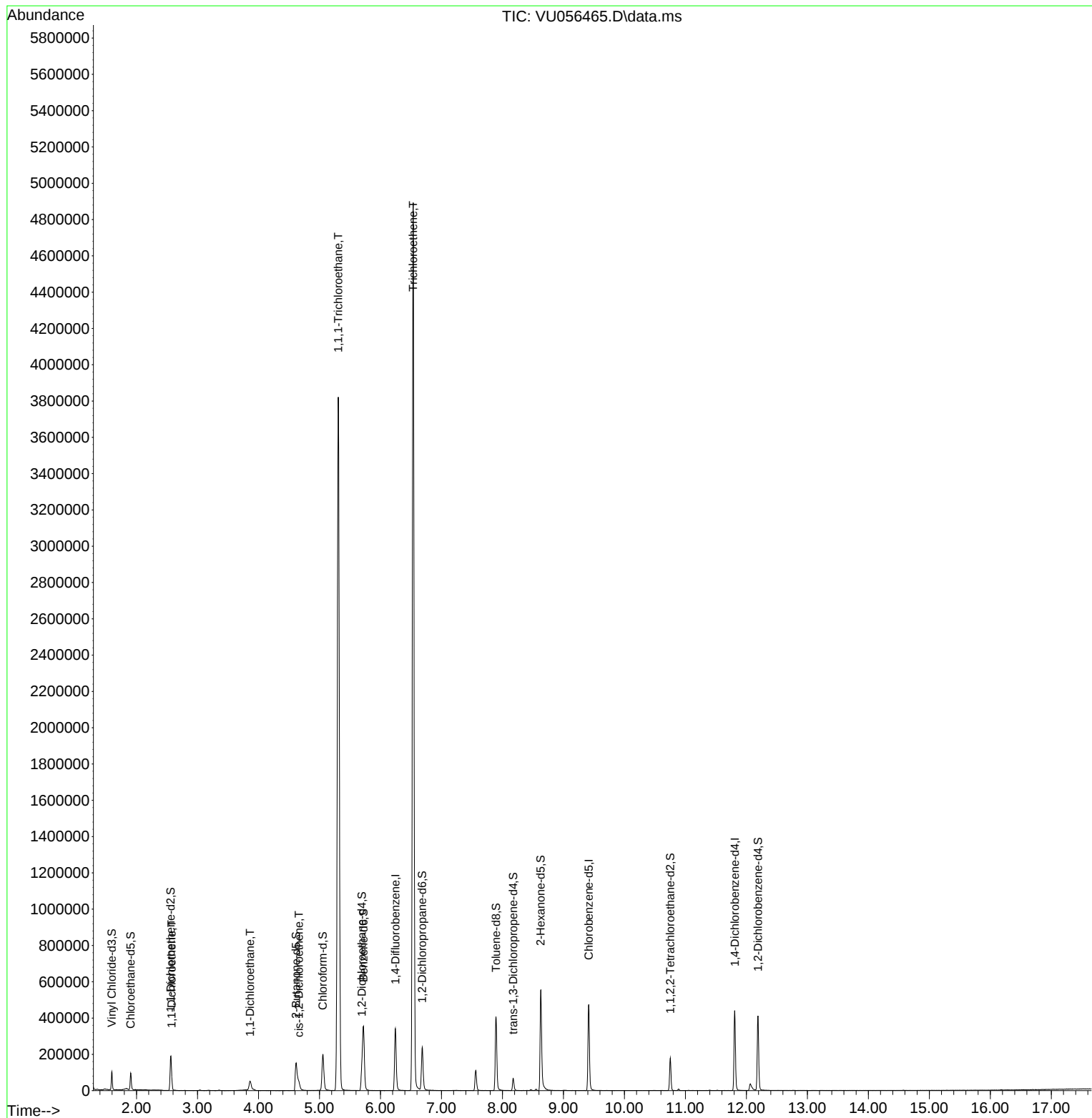
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	274231	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	274866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	115911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70984	3.461	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	69625	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	34057	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.618	46	232276	56.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.580%
24) Chloroform-d	5.055	84	185939	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.695	65	95855	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	338822	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.685	67	114276	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	280658	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	39853	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	188321	50.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87061	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109357	5.107	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	12444	0.741	ug/L	# 1
19) 1,1-Dichloroethane	3.862	63	55030	1.608	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	17231	0.880	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	2884326	91.417	ug/L	99
34) Trichloroethene	6.537	95	1754786	82.119	ug/L	98

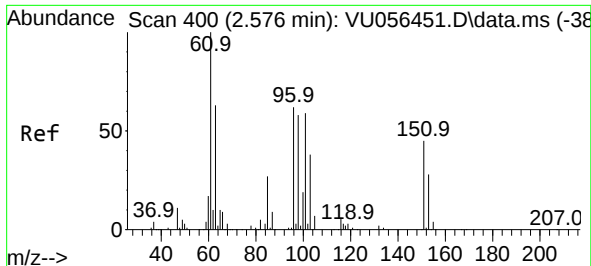
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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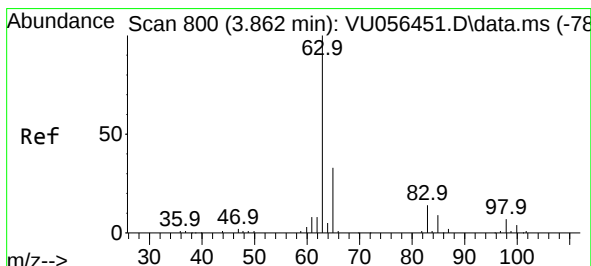
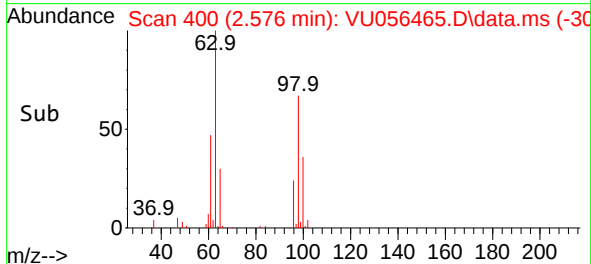
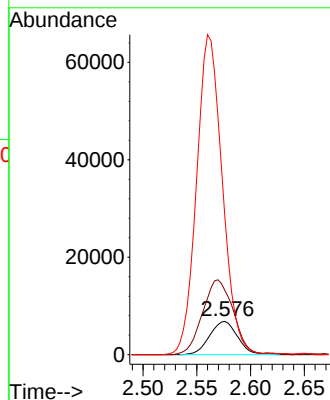
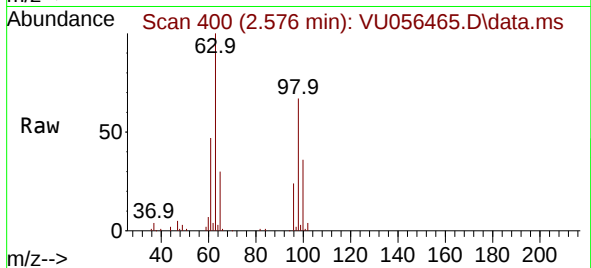




#12
 1,1-Dichloroethene
 Concen: 0.741 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056465.D
 Acq: 18 Nov 2023 01:33

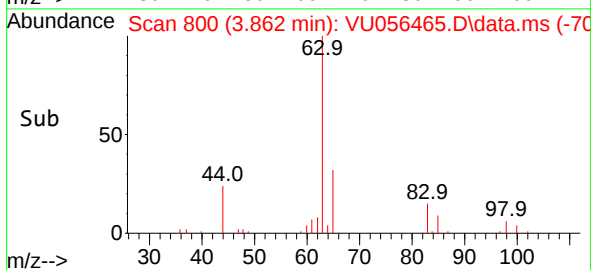
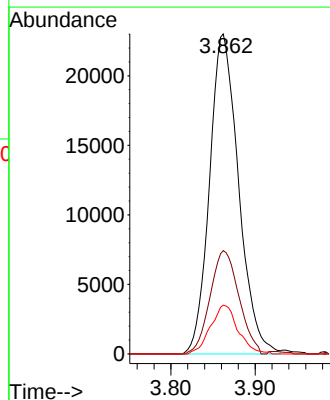
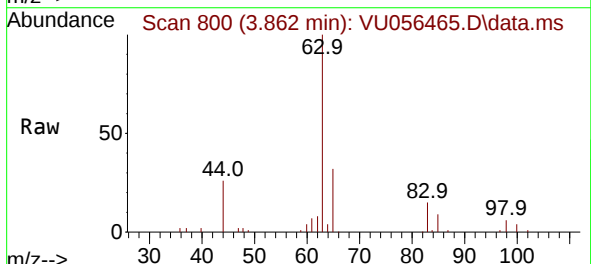
Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK7

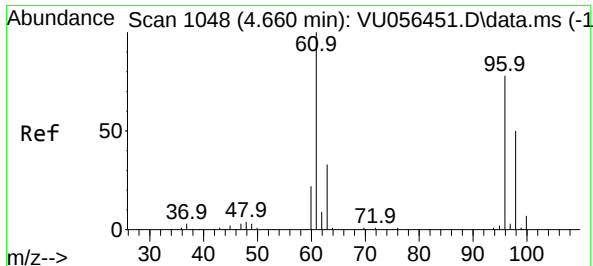
Tgt Ion: 96 Resp: 12444
 Ion Ratio Lower Upper
 96 100
 61 193.1 123.1 228.7
 63 414.3 93.3 173.3#



#19
 1,1-Dichloroethane
 Concen: 1.608 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VU056465.D
 Acq: 18 Nov 2023 01:33

Tgt Ion: 63 Resp: 55030
 Ion Ratio Lower Upper
 63 100
 65 32.3 21.8 40.6
 83 15.3 9.7 17.9

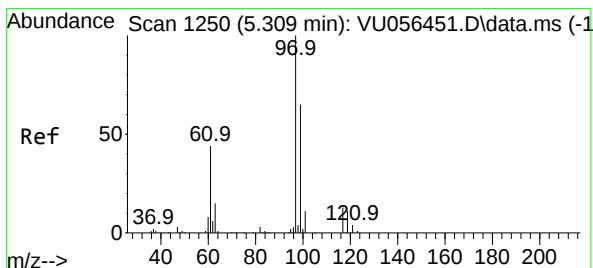
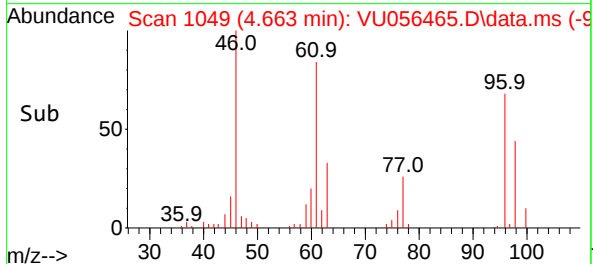
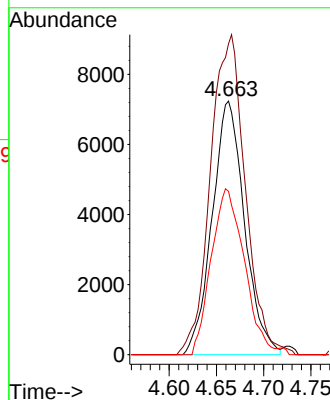
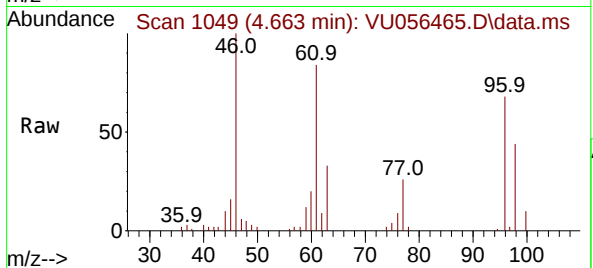




#22
 cis-1,2-Dichloroethene
 Concen: 0.880 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056465.D
 Acq: 18 Nov 2023 01:33

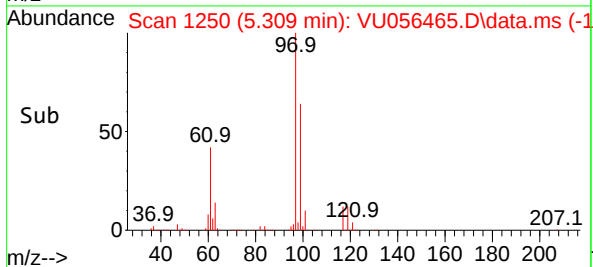
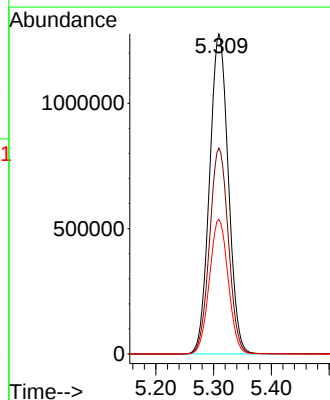
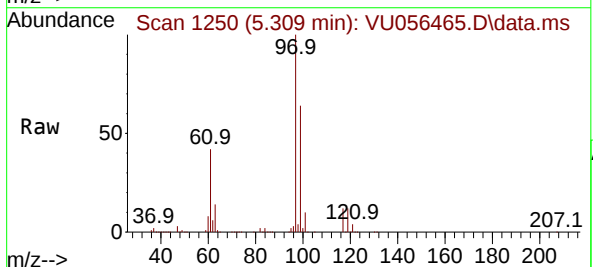
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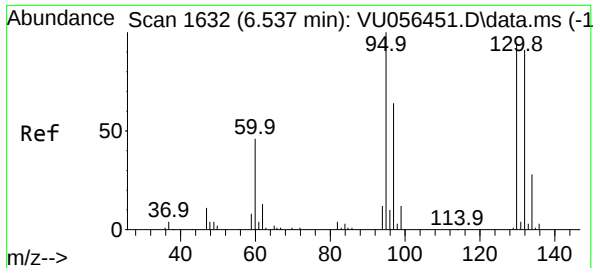
Tgt Ion: 96 Resp: 17231
 Ion Ratio Lower Upper
 96 100
 61 122.6 93.2 173.2
 98 64.5 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 91.417 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU056465.D
 Acq: 18 Nov 2023 01:33

Tgt Ion: 97 Resp: 2884326
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.6 77.4
 61 42.3 34.3 51.5





#34
 Trichloroethene
 Concen: 82.119 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU056465.D
 Acq: 18 Nov 2023 01:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK7

Tgt Ion: 95 Resp: 1754786

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.3
132	90.3	62.0	115.2
130	92.8	66.3	123.1

