

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057346.D
 Acq On : 28 Dec 2023 20:23
 Operator : MD/SY
 Sample : 06021-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y9DL

Quant Time: Dec 28 21:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

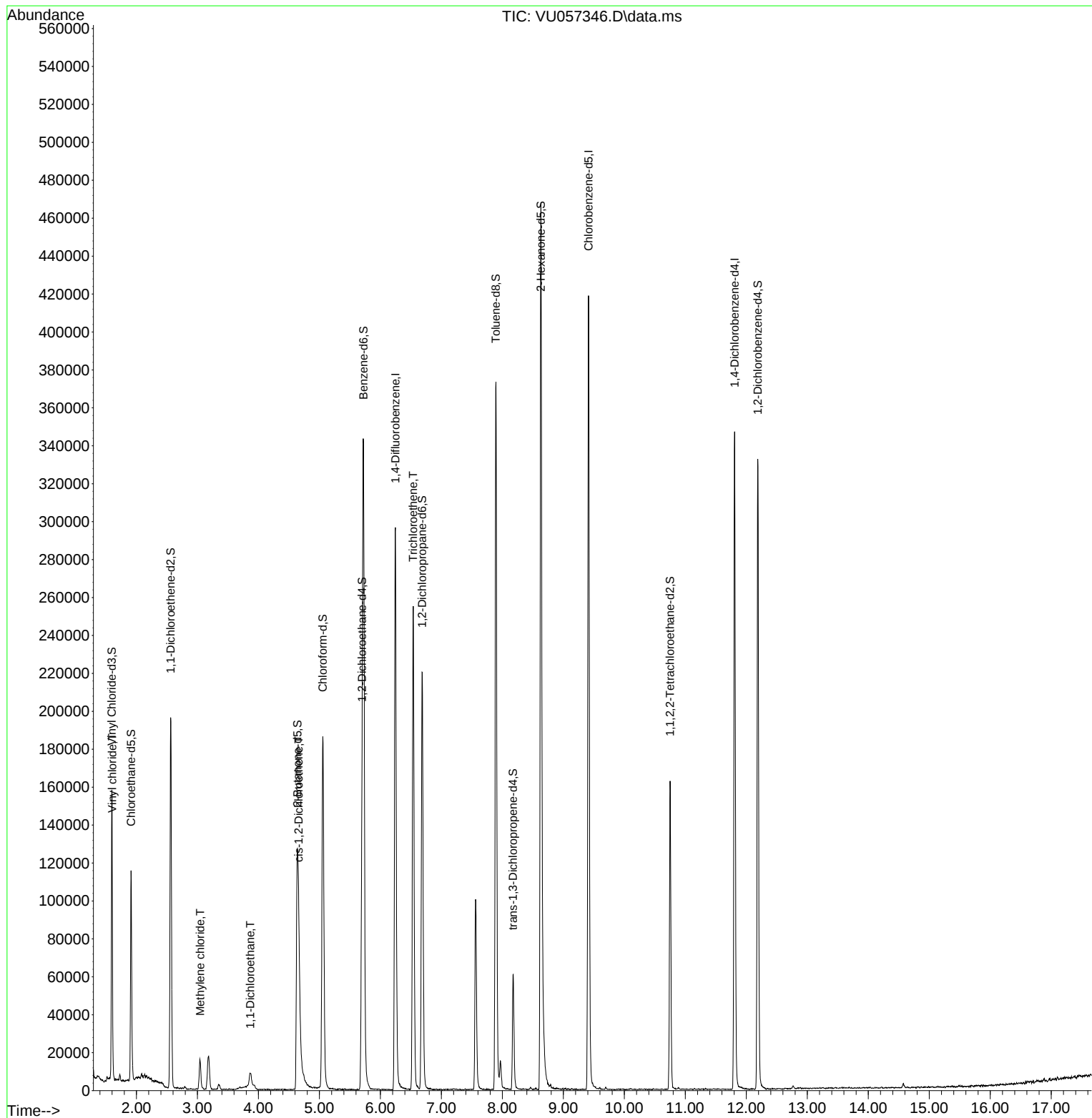
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234120	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	238671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95844	4.762	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.911	69	83734	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	37804	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.637	46	215789	47.337	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.680%
24) Chloroform-d	5.055	84	179496	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.698	65	91799	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.721	84	330819	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.682	67	109334	5.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	252714	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	37391	4.371	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.631	63	156669	40.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81137	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	87444	5.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	17212	0.881	ug/L	88
16) Methylene chloride	3.043	84	7776	0.394	ug/L	97
19) 1,1-Dichloroethane	3.866	63	9398	0.295	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	15685	0.894	ug/L	96
34) Trichloroethene	6.538	95	93867	5.123	ug/L	97

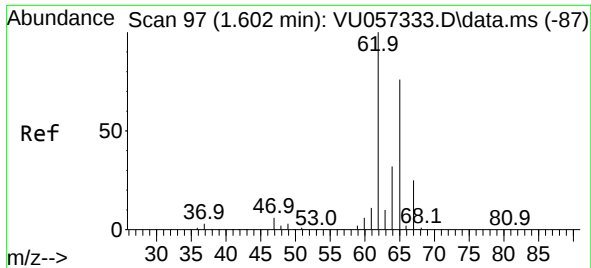
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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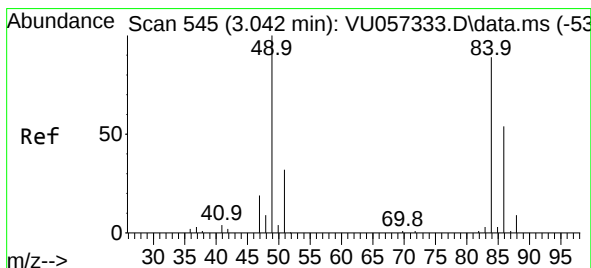
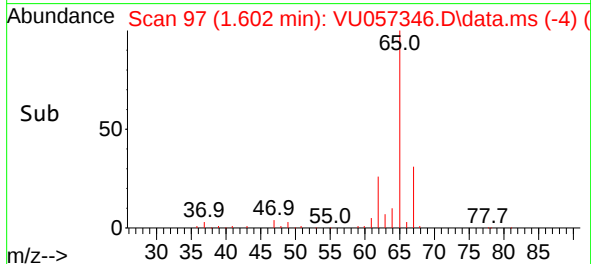
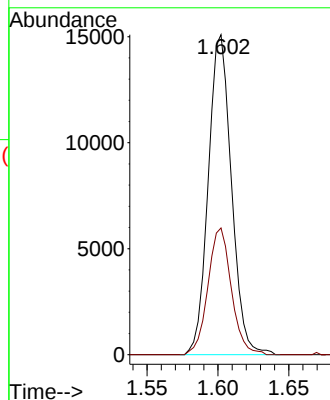
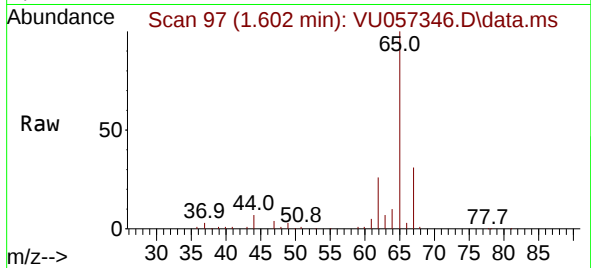




#5
 Vinyl chloride
 Concen: 0.881 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057346.D
 Acq: 28 Dec 2023 20:23

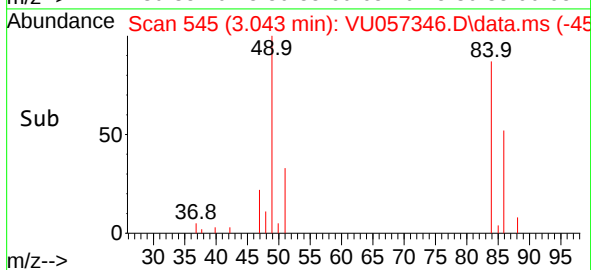
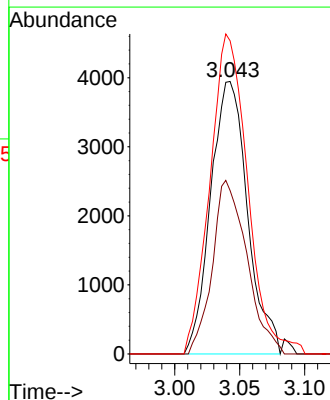
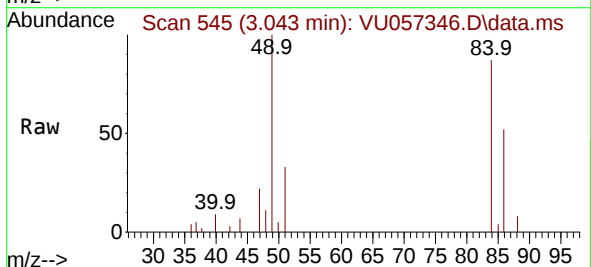
Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y9DL

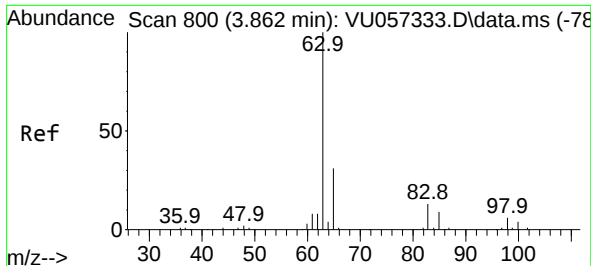
Tgt Ion: 62 Resp: 17212
 Ion Ratio Lower Upper
 62 100
 64 39.6 22.8 42.4



#16
 Methylene chloride
 Concen: 0.394 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.000 min
 Lab File: VU057346.D
 Acq: 28 Dec 2023 20:23

Tgt Ion: 84 Resp: 7776
 Ion Ratio Lower Upper
 84 100
 86 60.0 43.8 81.3
 49 115.0 83.2 154.4

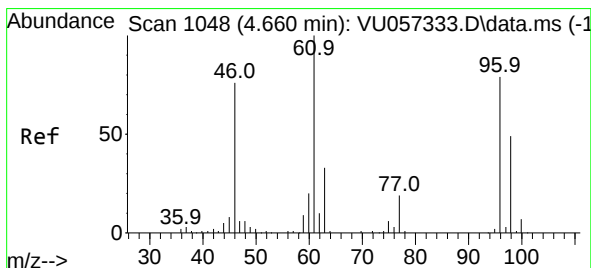
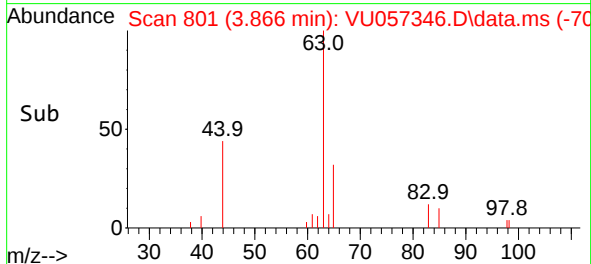
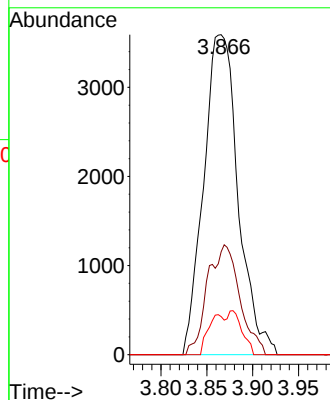
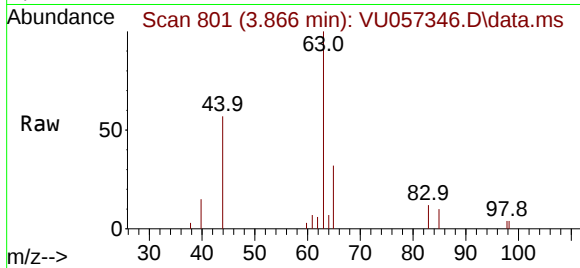




#19
1,1-Dichloroethane
Concen: 0.295 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057346.D
Acq: 28 Dec 2023 20:23

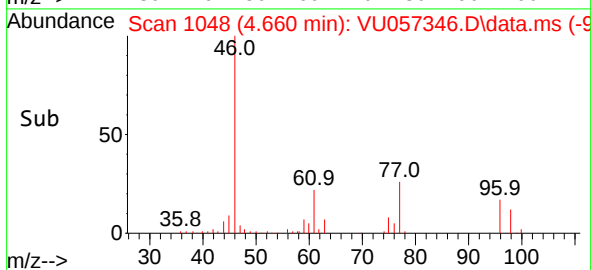
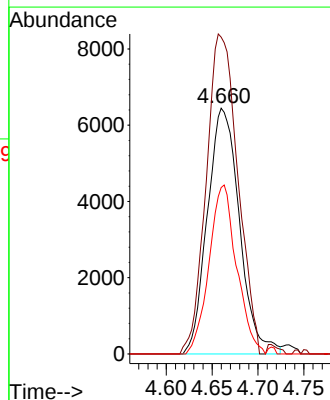
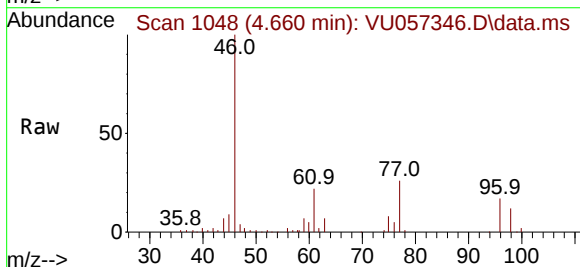
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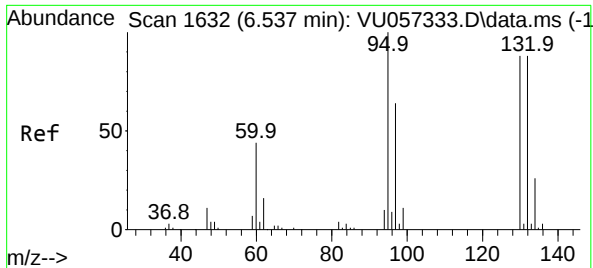
Tgt Ion: 63 Resp: 9398
Ion Ratio Lower Upper
63 100
65 32.2 23.6 43.8
83 11.9 9.8 18.2



#22
cis-1,2-Dichloroethene
Concen: 0.894 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057346.D
Acq: 28 Dec 2023 20:23

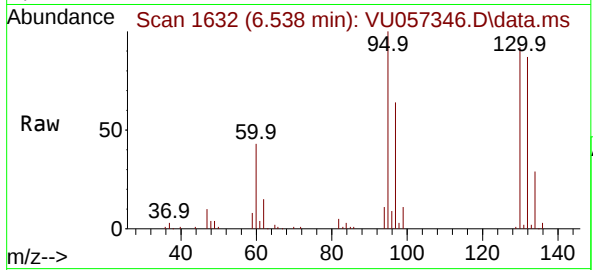
Tgt Ion: 96 Resp: 15685
Ion Ratio Lower Upper
96 100
61 128.8 91.1 169.3
98 67.7 42.6 79.0





#34
 Trichloroethene
 Concen: 5.123 ug/L
 RT: 6.538 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU057346.D
 Acq: 28 Dec 2023 20:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y9DL



Tgt Ion: 95	Resp: 93867
Ion Ratio	Lower Upper
95 100	
97 64.4	45.3 84.1
132 87.4	63.1 117.3
130 92.0	67.7 125.7

