

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056553.D
 Acq On : 21 Nov 2023 15:57
 Operator : MD/SY
 Sample : 05411-03DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF5DL

Quant Time: Nov 21 23:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

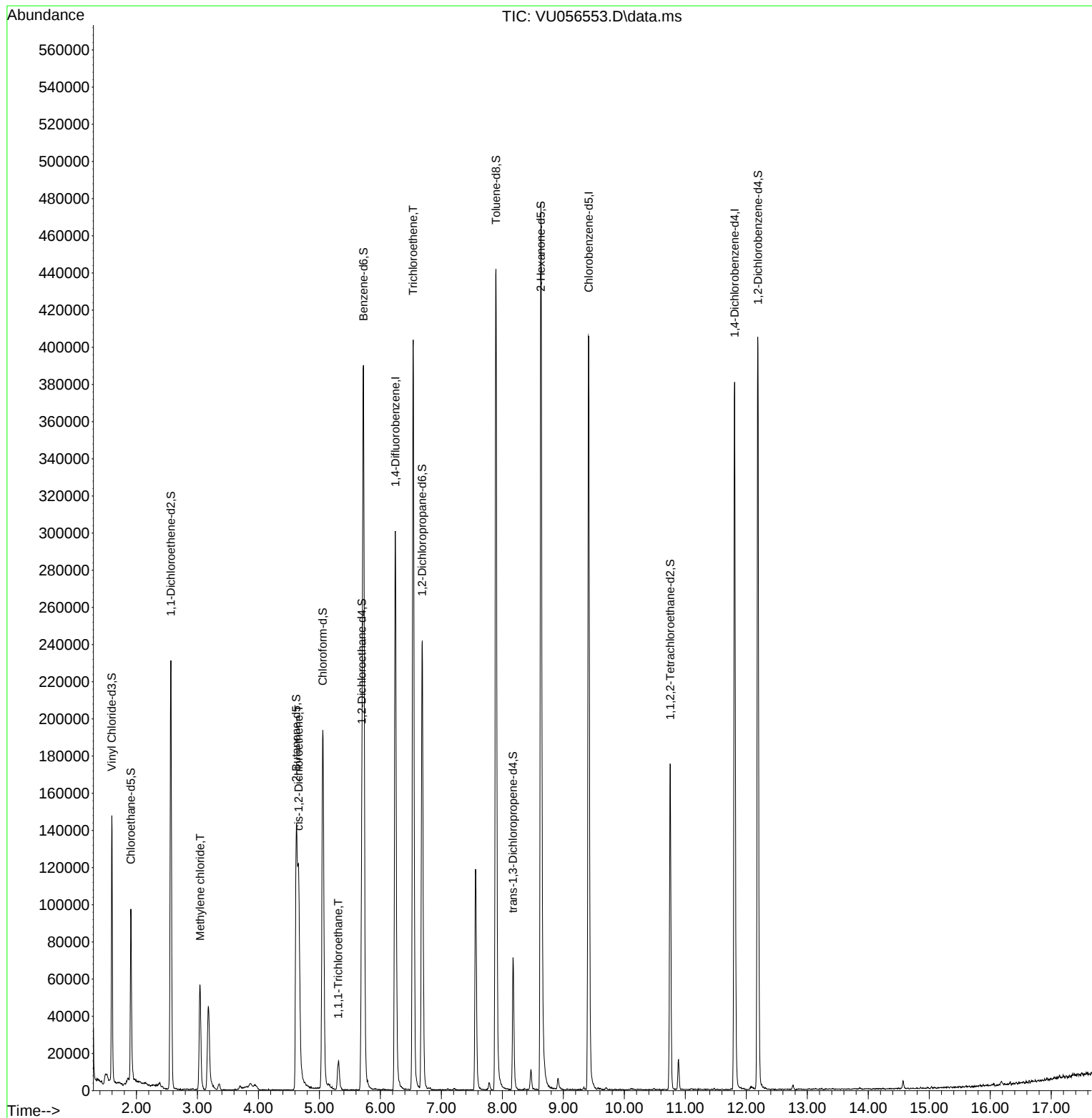
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	241784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103138	5.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.600%
7) Chloroethane-d5	1.908	69	68752	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	43926	5.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	4.621	46	209896	55.909	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.820%
24) Chloroform-d	5.055	84	188056	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.695	65	94760	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.721	84	376763	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.685	67	121175	5.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.894	98	319478	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.174	79	43712	5.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.631	63	171042	52.271	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85865	5.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	105853	5.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	29998	1.471	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	41677	2.318	ug/L	92
29) 1,1,1-Trichloroethane	5.309	97	10277	0.370	ug/L	99
34) Trichloroethene	6.538	95	147257	7.834	ug/L	97

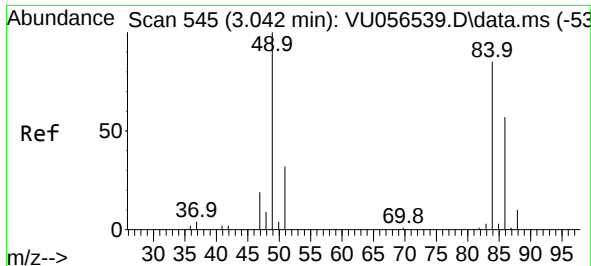
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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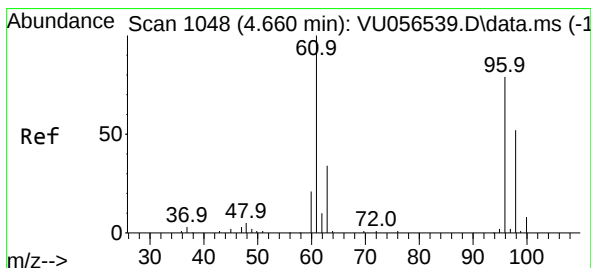
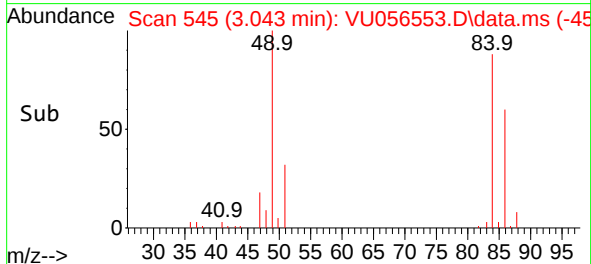
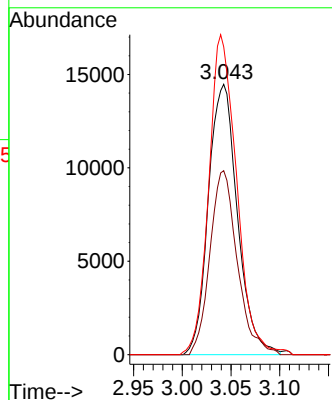
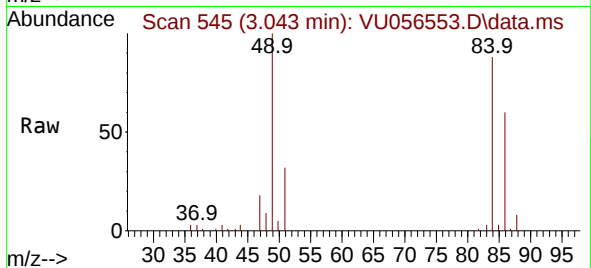




#16
Methylene chloride
Concen: 1.471 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056553.D
Acq: 21 Nov 2023 15:57

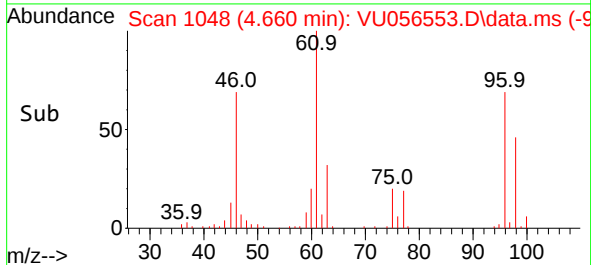
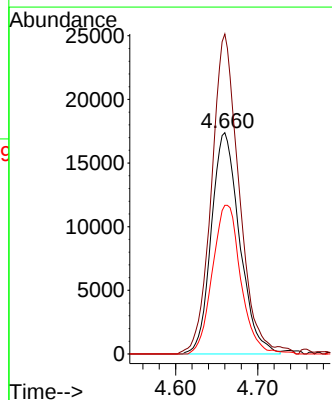
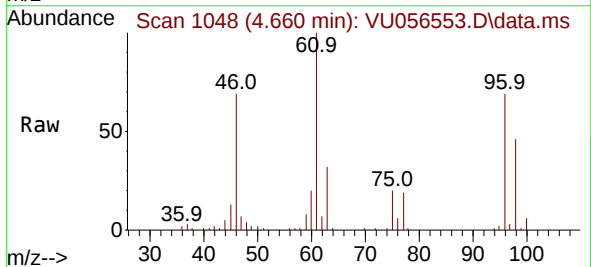
Instrument :
MSVOA_U
ClientSampleId :
C0QF5DL

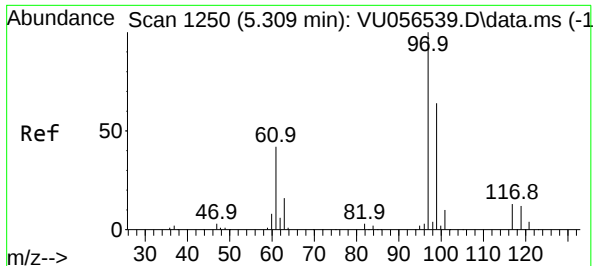
Tgt Ion: 84 Resp: 29998
Ion Ratio Lower Upper
84 100
86 68.1 44.7 83.1
49 119.8 81.8 152.0



#22
cis-1,2-Dichloroethene
Concen: 2.318 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU056553.D
Acq: 21 Nov 2023 15:57

Tgt Ion: 96 Resp: 41677
Ion Ratio Lower Upper
96 100
61 144.6 93.2 173.2
98 67.2 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.370 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU056553.D

Acq: 21 Nov 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :

C0QF5DL

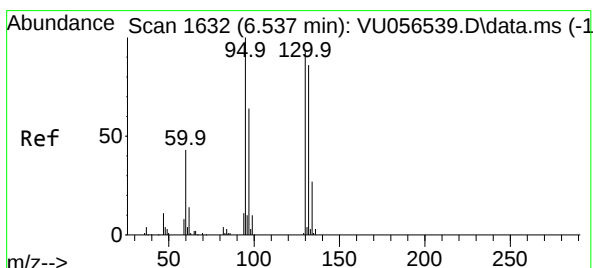
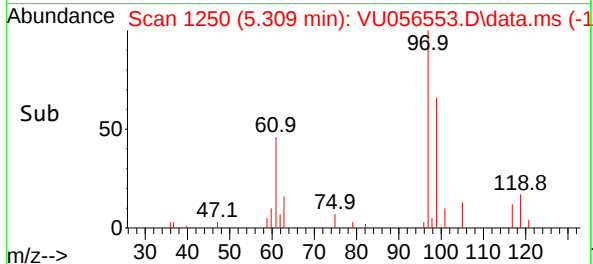
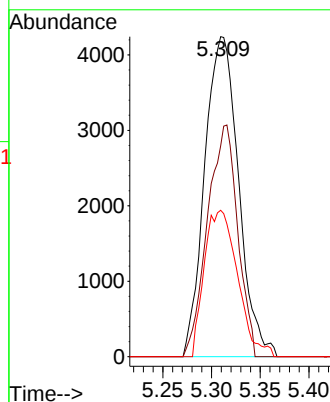
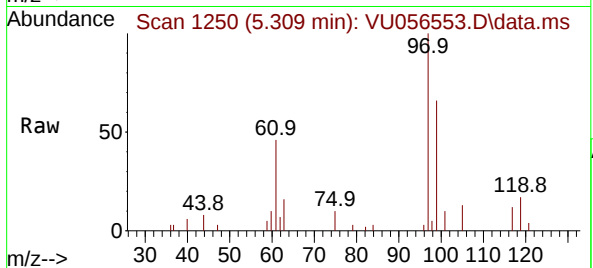
Tgt Ion: 97 Resp: 10277

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 45.0 34.3 51.5



#34

Trichloroethene

Concen: 7.834 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU056553.D

Acq: 21 Nov 2023 15:57

Tgt Ion: 95 Resp: 147257

Ion Ratio Lower Upper

95 100

97 61.5 46.5 86.3

132 88.3 62.0 115.2

130 91.2 66.3 123.1

