

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056743.D
 Acq On : 11 Dec 2023 19:43
 Operator : MD/SY
 Sample : 05677-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD6

Quant Time: Dec 12 01:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

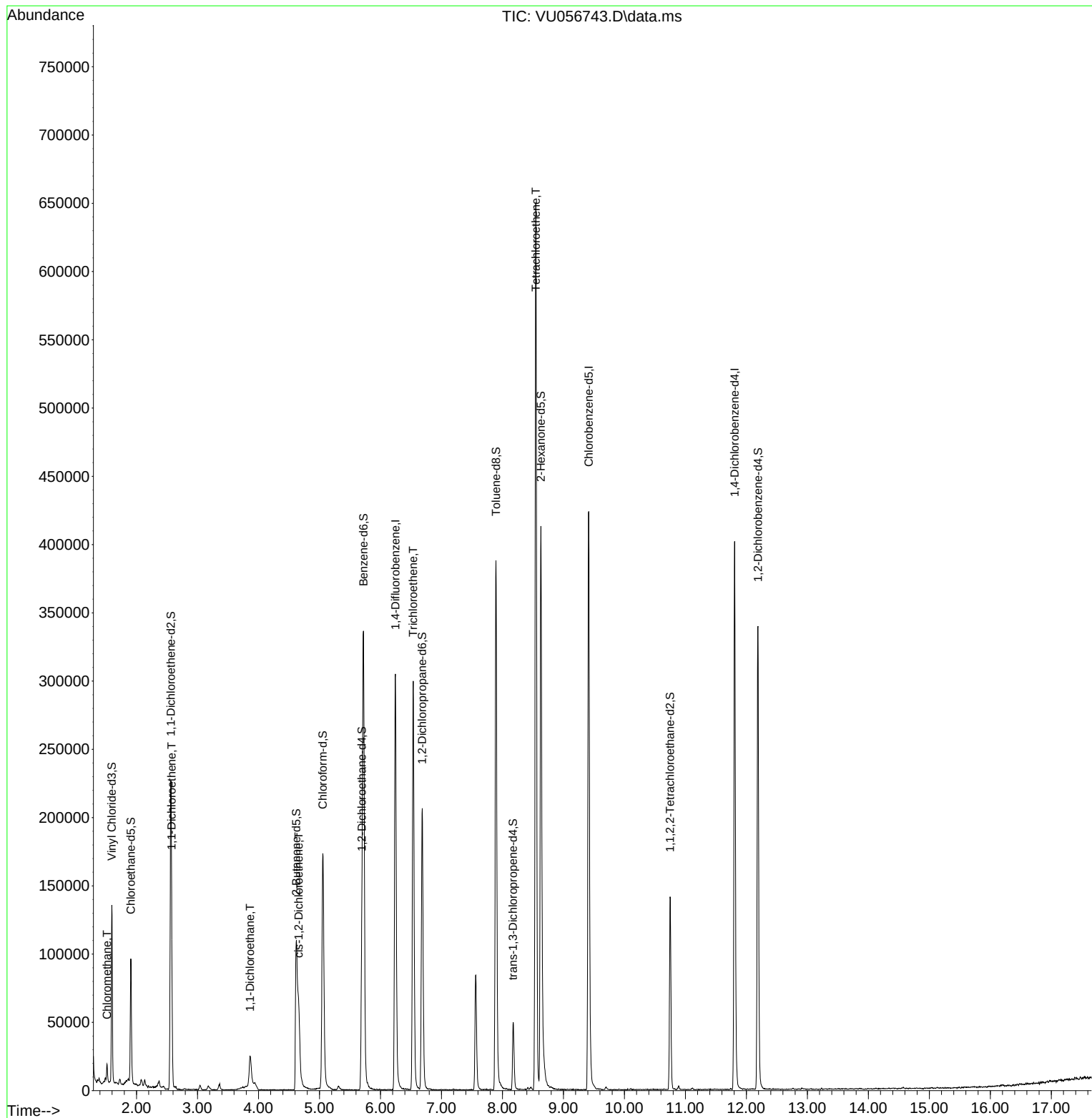
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	248935	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90889	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.907	69	66493	4.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.563	65	39055	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.621	46	178062	42.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.520%
24) Chloroform-d	5.055	84	165621	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	82633	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.721	84	322255	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.685	67	102060	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.894	98	271544	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.174	79	31524	3.304	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.630	63	138854	38.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	71428	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	90770	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7798	0.304	ug/L	98
12) 1,1-Dichloroethene	2.576	96	17360	0.859	ug/L	# 1
19) 1,1-Dichloroethane	3.862	63	26645	0.676	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	21523	0.965	ug/L	96
34) Trichloroethene	6.537	95	106604	4.364	ug/L	98
47) Tetrachloroethene	8.547	164	140234	8.202	ug/L	98

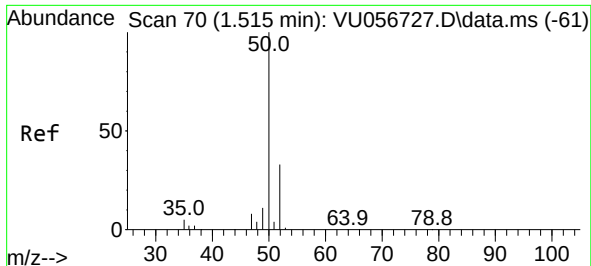
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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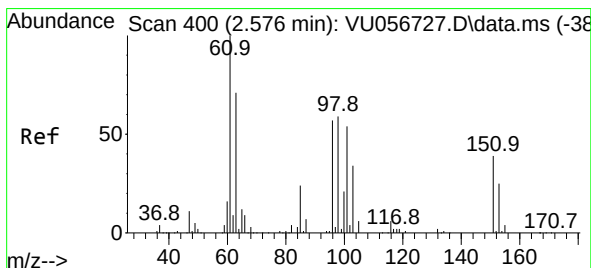
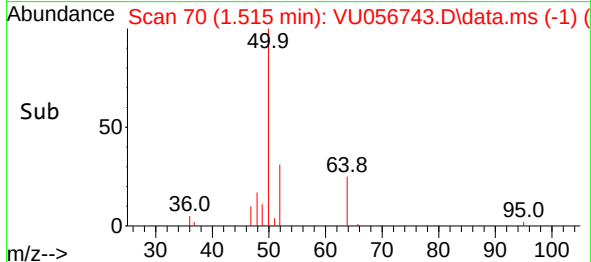
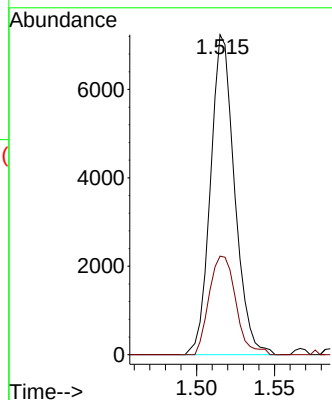
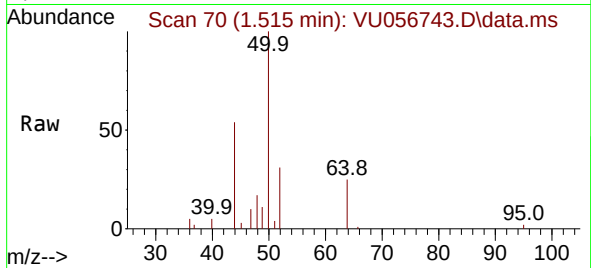




#3
Chloromethane
Concen: 0.304 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

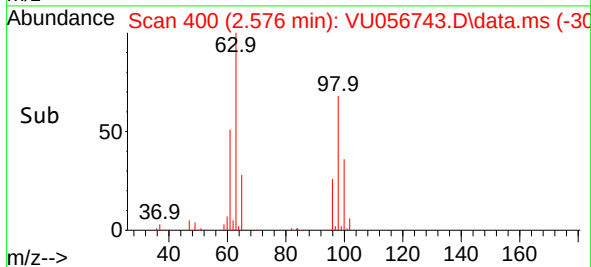
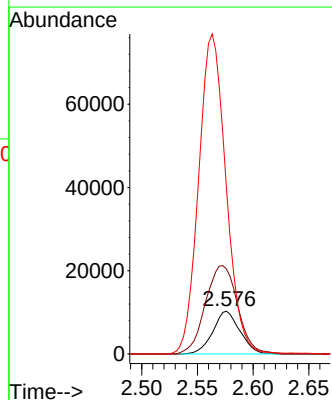
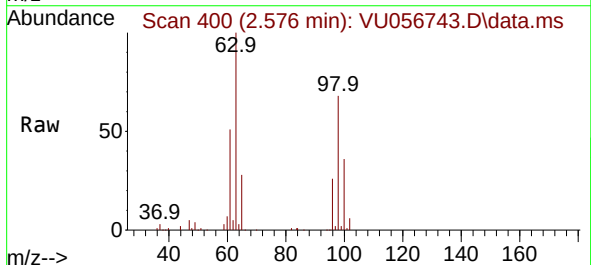
Instrument :
MSVOA_U
ClientSampleId :
H0AD6

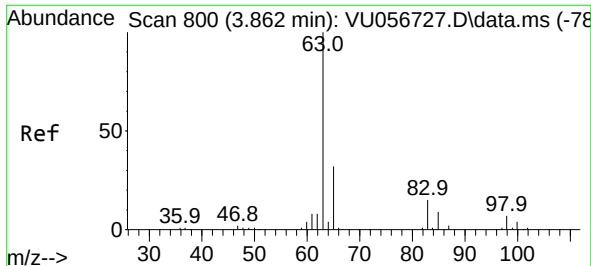
Tgt Ion: 50 Resp: 7798
Ion Ratio Lower Upper
50 100
52 30.8 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.859 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

Tgt Ion: 96 Resp: 17360
Ion Ratio Lower Upper
96 100
61 198.8 119.0 221.0
63 388.3 88.7 164.7#





#19

1,1-Dichloroethane

Concen: 0.676 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056743.D

Acq: 11 Dec 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :

H0AD6

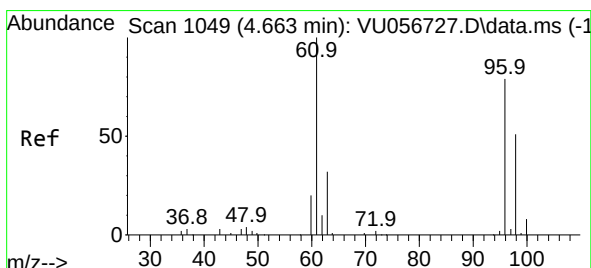
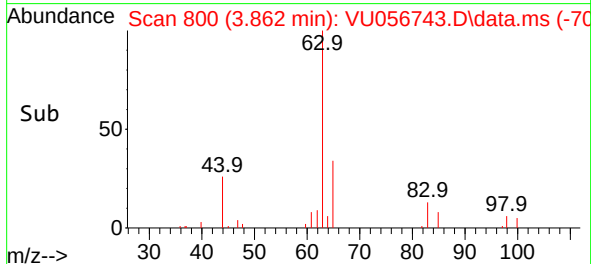
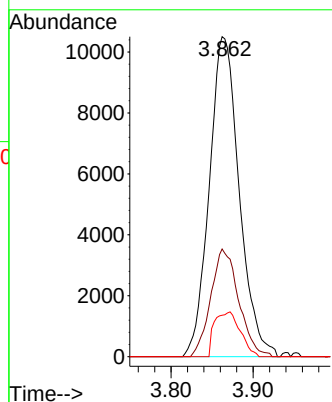
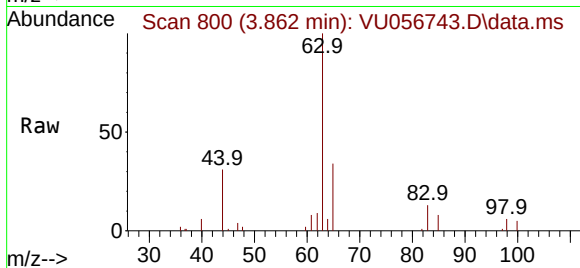
Tgt Ion: 63 Resp: 26645

Ion Ratio Lower Upper

63 100

65 33.7 22.9 42.5

83 13.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.965 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU056743.D

Acq: 11 Dec 2023 19:43

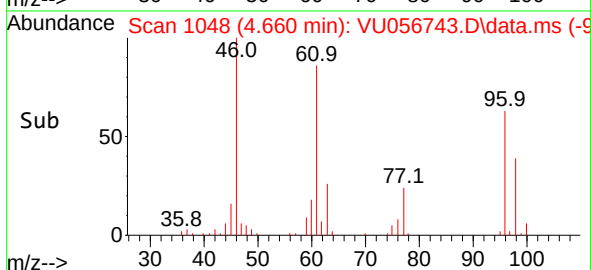
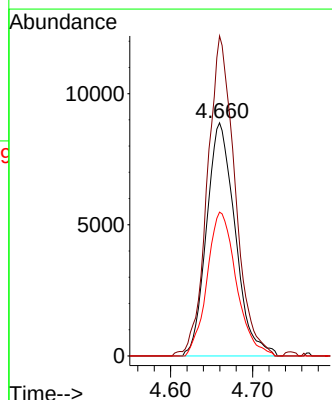
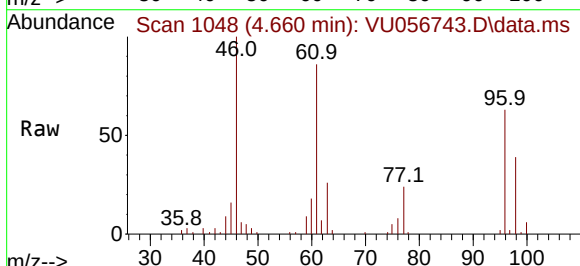
Tgt Ion: 96 Resp: 21523

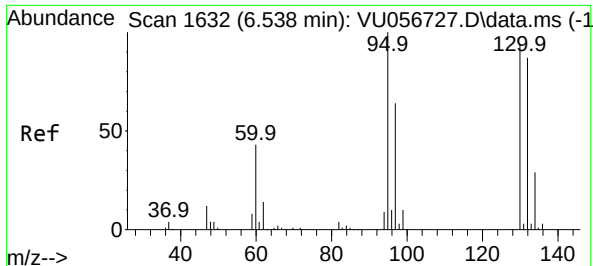
Ion Ratio Lower Upper

96 100

61 137.2 91.3 169.6

98 61.7 44.2 82.0

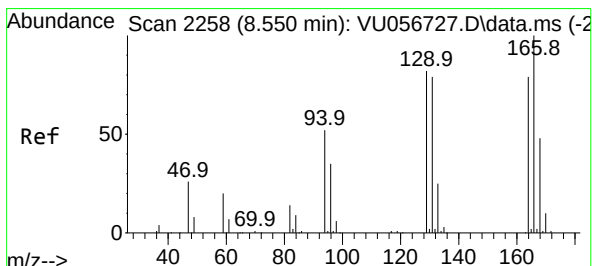
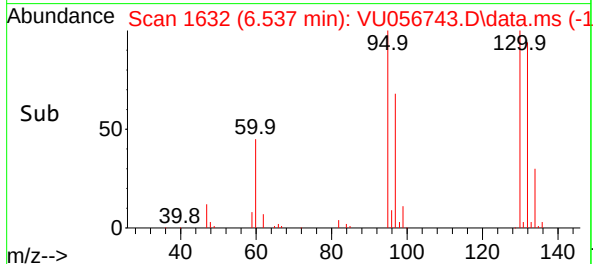
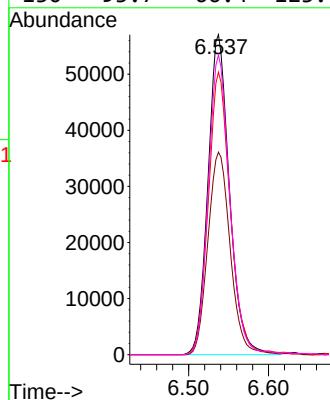
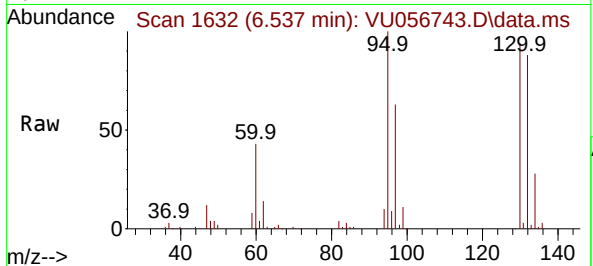




#34
Trichloroethene
Concen: 4.364 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :
H0AD6

Tgt Ion: 95 Resp: 106604
Ion Ratio Lower Upper
95 100
97 63.3 46.1 85.5
132 88.3 63.6 118.0
130 93.7 66.4 123.4



#47
Tetrachloroethene
Concen: 8.202 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

Tgt Ion:164 Resp: 140234
Ion Ratio Lower Upper
164 100
129 105.7 73.4 136.4
131 100.3 71.5 132.9
166 129.7 92.7 172.1

