

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057043.D
 Acq On : 19 Dec 2023 14:45
 Operator : MD/SY
 Sample : 05830-03 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB3

Quant Time: Dec 20 04:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

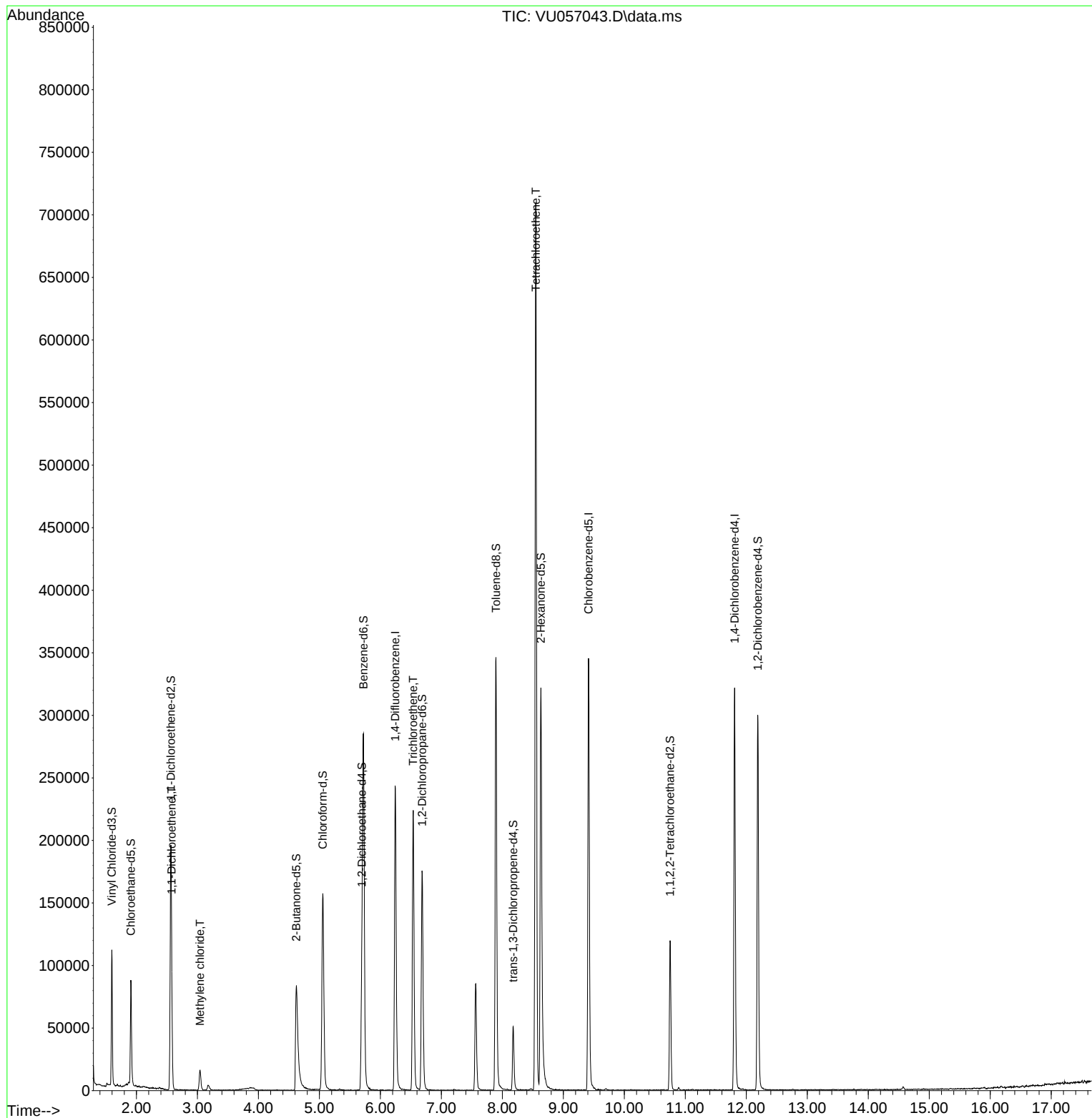
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	203210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76203	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	59525	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	32505	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.621	46	138431	41.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.300%
24) Chloroform-d	5.055	84	151163	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	70985	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.721	84	278205	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	86114	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	236401	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.177	79	31871	4.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	110914	38.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61244	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	80134	4.844	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	15914	0.998	ug/L	# 3
16) Methylene chloride	3.039	84	8271	0.476	ug/L	90
34) Trichloroethene	6.538	95	82639	4.218	ug/L	97
47) Tetrachloroethene	8.547	164	150792	10.999	ug/L	100

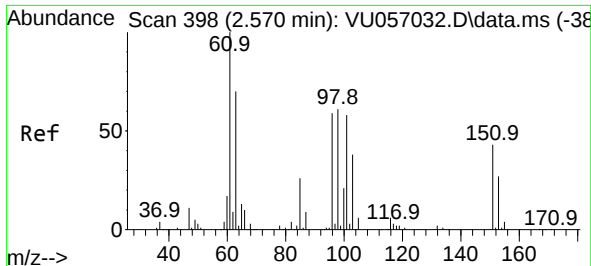
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.998 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU057043.D

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Instrument :

MSVOA_U

ClientSampleId :

H0AB3

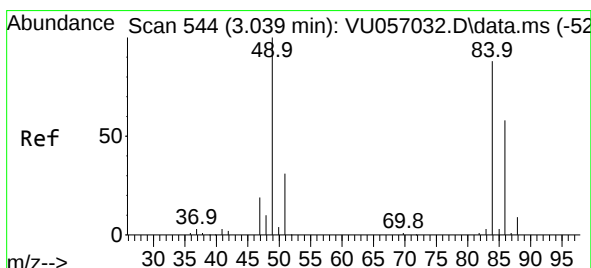
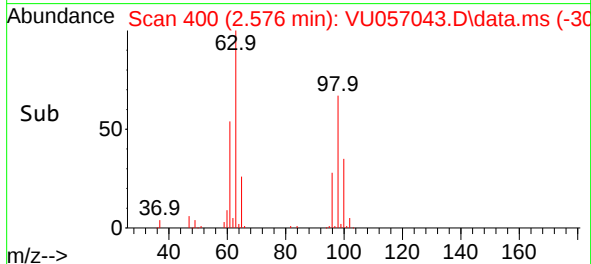
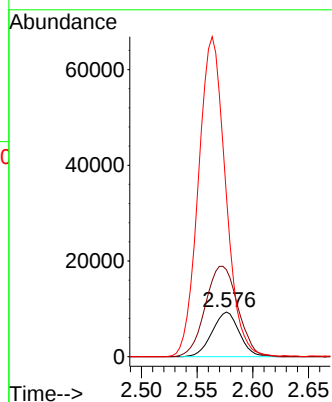
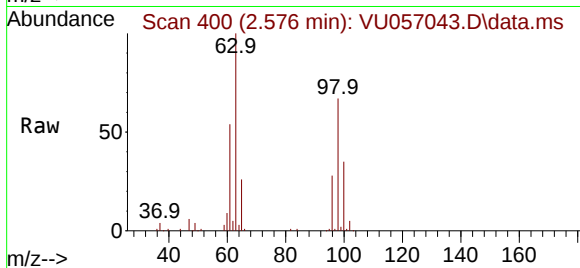
Tgt Ion: 96 Resp: 15914

Ion Ratio Lower Upper

96 100

61 194.5 119.0 221.0

63 359.7 88.7 164.7#



#16

Methylene chloride

Concen: 0.476 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU057043.D

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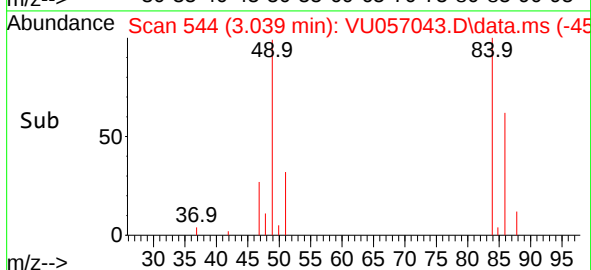
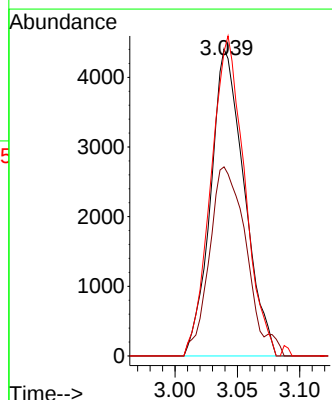
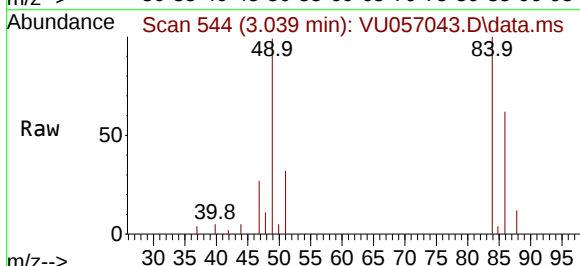
Tgt Ion: 84 Resp: 8271

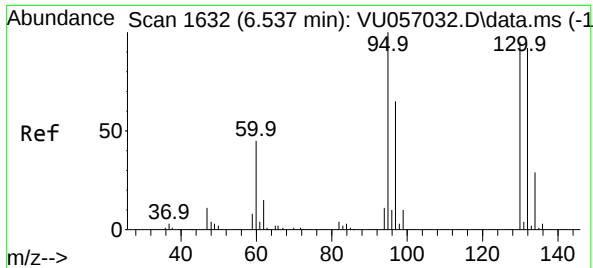
Ion Ratio Lower Upper

84 100

86 61.6 43.6 81.0

49 99.1 80.6 149.6



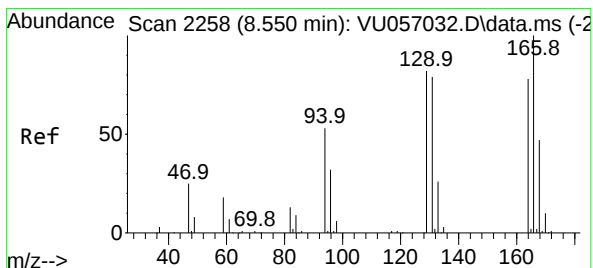
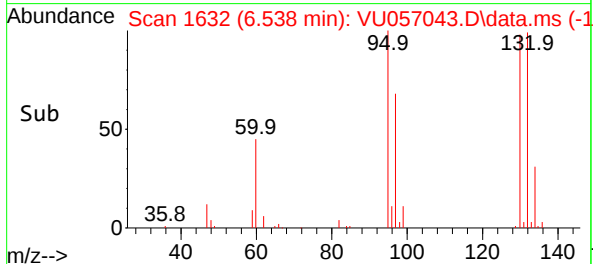
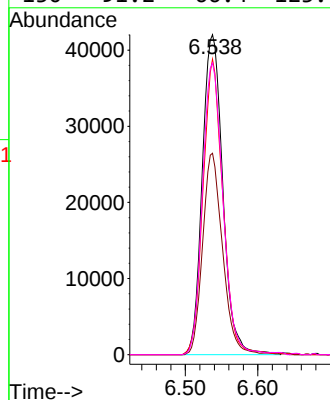
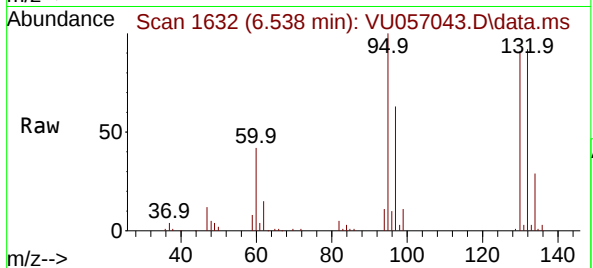


#34
Trichloroethene
Concen: 4.218 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 82639

Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.1	85.5
132	92.3	63.6	118.0
130	91.2	66.4	123.4



#47
Tetrachloroethene
Concen: 10.999 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057043.D
Acq: 19 Dec 2023 14:45

Tgt Ion: 164 Resp: 150792

Ion	Ratio	Lower	Upper
164	100		
129	105.9	73.4	136.4
131	102.5	71.5	132.9
166	132.6	92.7	172.1

