

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060904.D
 Acq On : 19 Sep 2024 17:31
 Operator : MD/SY
 Sample : P3952-09 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B38

Quant Time: Sep 19 23:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

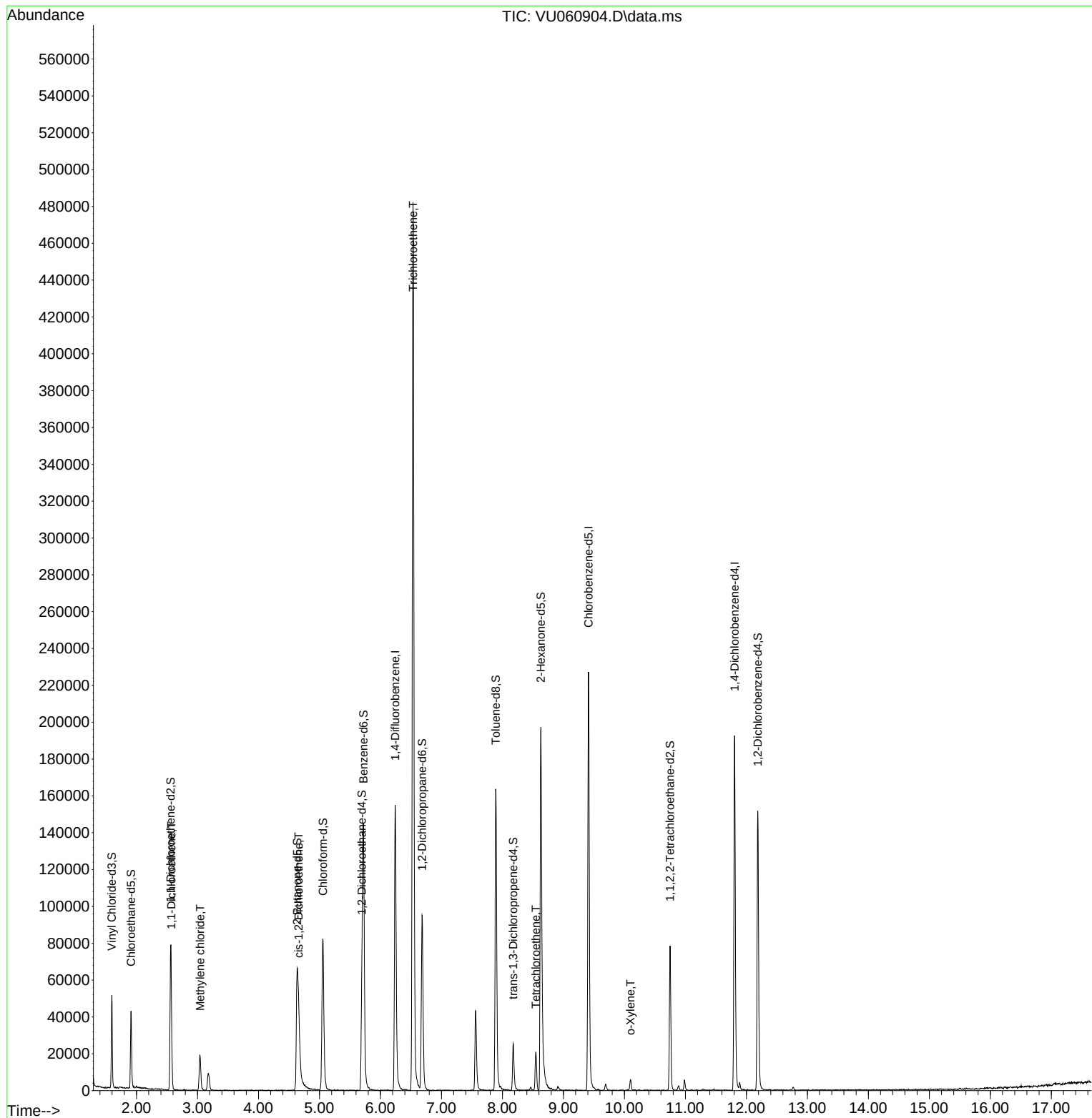
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132741	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35004	2.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.911	69	32091	3.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.560	65	14542	3.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.634	46	87375	45.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	5.058	84	81925	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	40730	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.721	84	144294	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.682	67	49525	4.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.891	98	119898	3.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.177	79	16855	4.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.631	63	71362	42.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40105	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46589	4.828	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	2280	0.273	ug/L	# 1
16) Methylene chloride	3.042	84	10343	1.070	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	9801	1.024	ug/L	95
34) Trichloroethene	6.534	95	168890	16.597	ug/L	95
47) Tetrachloroethene	8.550	164	5173	0.640	ug/L	92
54) o-Xylene	10.100	106	2160	0.135	ug/L	79

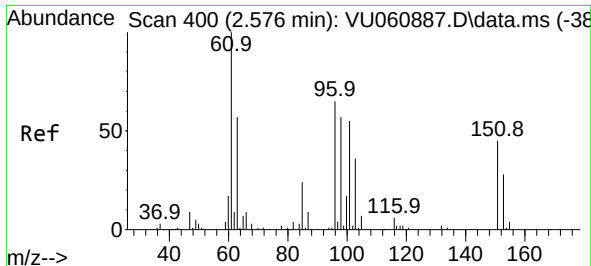
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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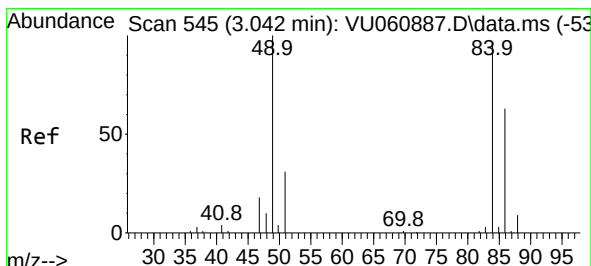
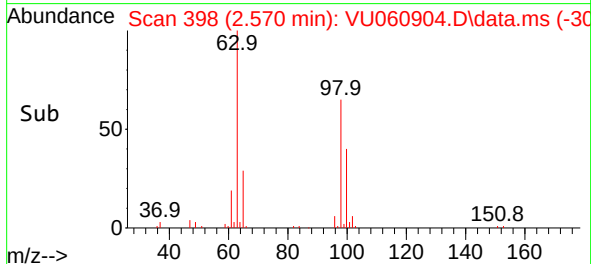
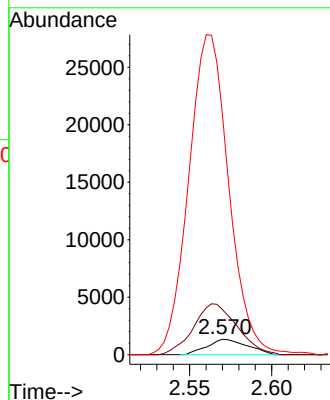
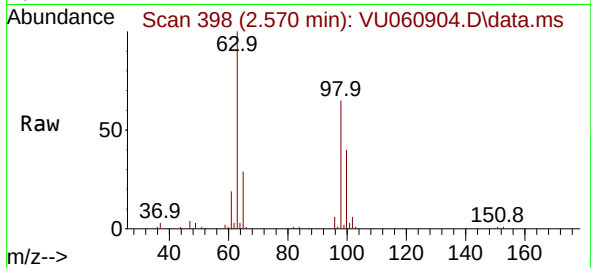




#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU060904.D
Acq: 19 Sep 2024 17:31

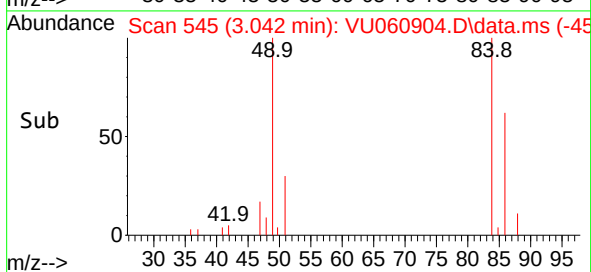
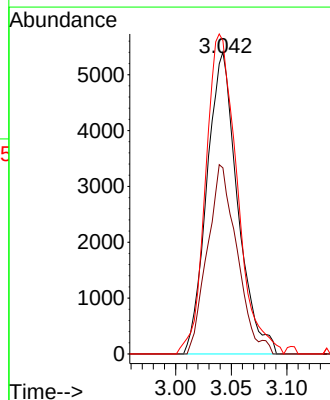
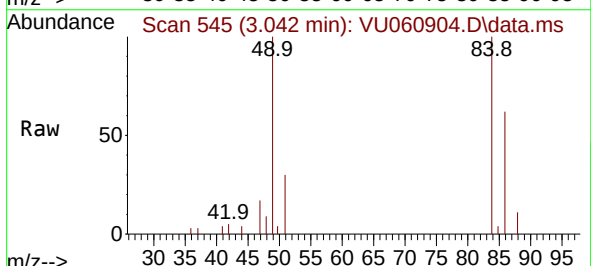
Instrument :
MSVOA_U
ClientSampleId :
C0B38

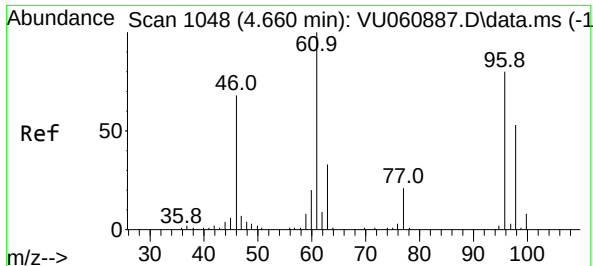
Tgt Ion: 96 Resp: 2280
Ion Ratio Lower Upper
96 100
61 296.2 120.7 224.1#
63 1584.4 90.0 167.2#



#16
Methylene chloride
Concen: 1.070 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU060904.D
Acq: 19 Sep 2024 17:31

Tgt Ion: 84 Resp: 10343
Ion Ratio Lower Upper
84 100
86 61.6 47.3 87.8
49 103.8 78.7 146.1





#22

cis-1,2-Dichloroethene

Concen: 1.024 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060904.D

Acq: 19 Sep 2024 17:31

Instrument :

MSVOA_U

ClientSampleId :

C0B38

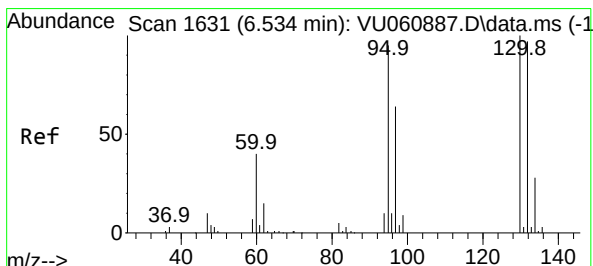
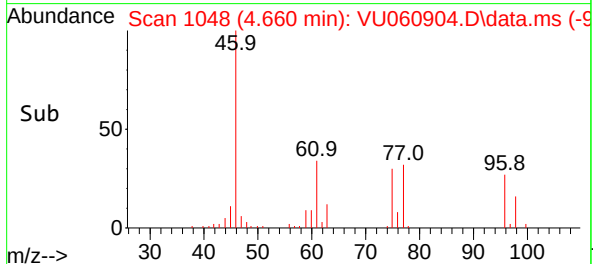
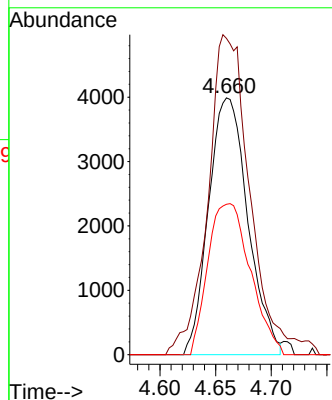
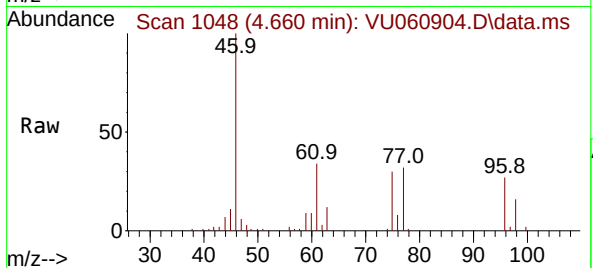
Tgt Ion: 96 Resp: 9801

Ion Ratio Lower Upper

96 100

61 123.2 89.7 166.5

98 58.6 45.1 83.9



#34

Trichloroethene

Concen: 16.597 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU060904.D

Acq: 19 Sep 2024 17:31

Tgt Ion: 95 Resp: 168890

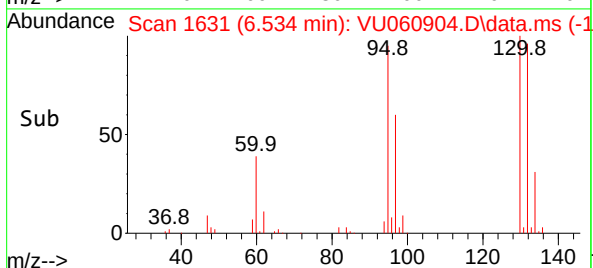
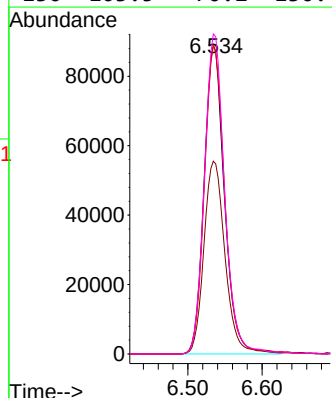
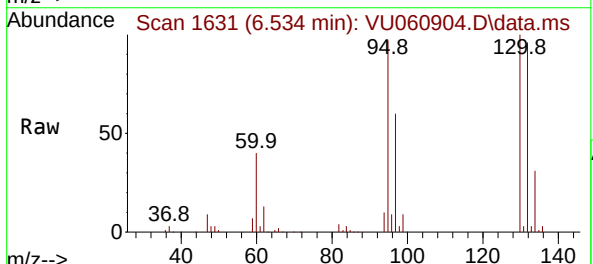
Ion Ratio Lower Upper

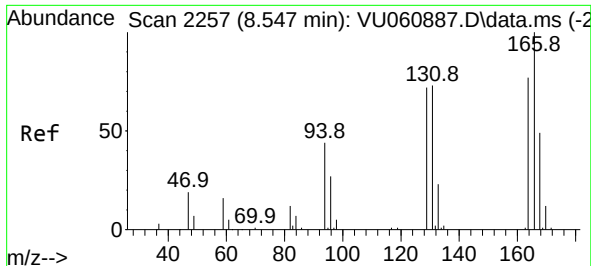
95 100

97 62.4 44.9 83.5

132 99.8 63.5 117.9

130 103.5 70.2 130.4





#47

Tetrachloroethene

Concen: 0.640 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060904.D

Acq: 19 Sep 2024 17:31

Instrument :

MSVOA_U

ClientSampleId :

C0B38

Tgt Ion:164 Resp: 5173

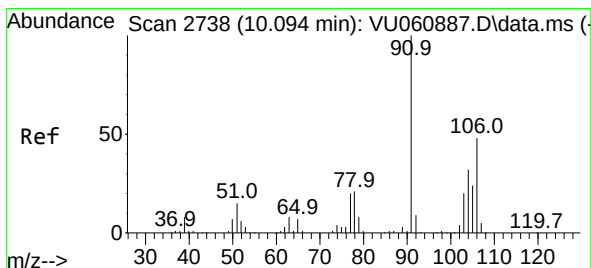
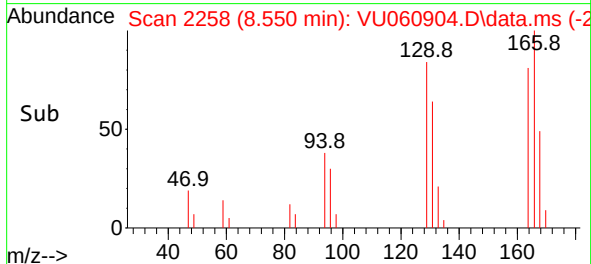
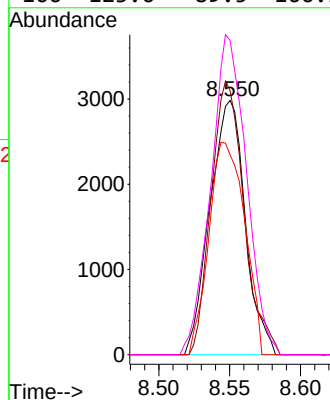
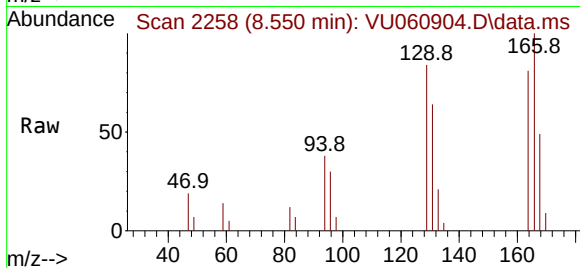
Ion Ratio Lower Upper

164 100

129 103.9 67.3 124.9

131 78.6 65.4 121.4

166 123.6 89.5 166.1



#54

o-Xylene

Concen: 0.135 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.007 min

Lab File: VU060904.D

Acq: 19 Sep 2024 17:31

Tgt Ion:106 Resp: 2160

Ion Ratio Lower Upper

106 100

91 179.1 148.6 276.0

