

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056931.D
 Acq On : 16 Dec 2023 16:51
 Operator : MD/SY
 Sample : 05810-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:48:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

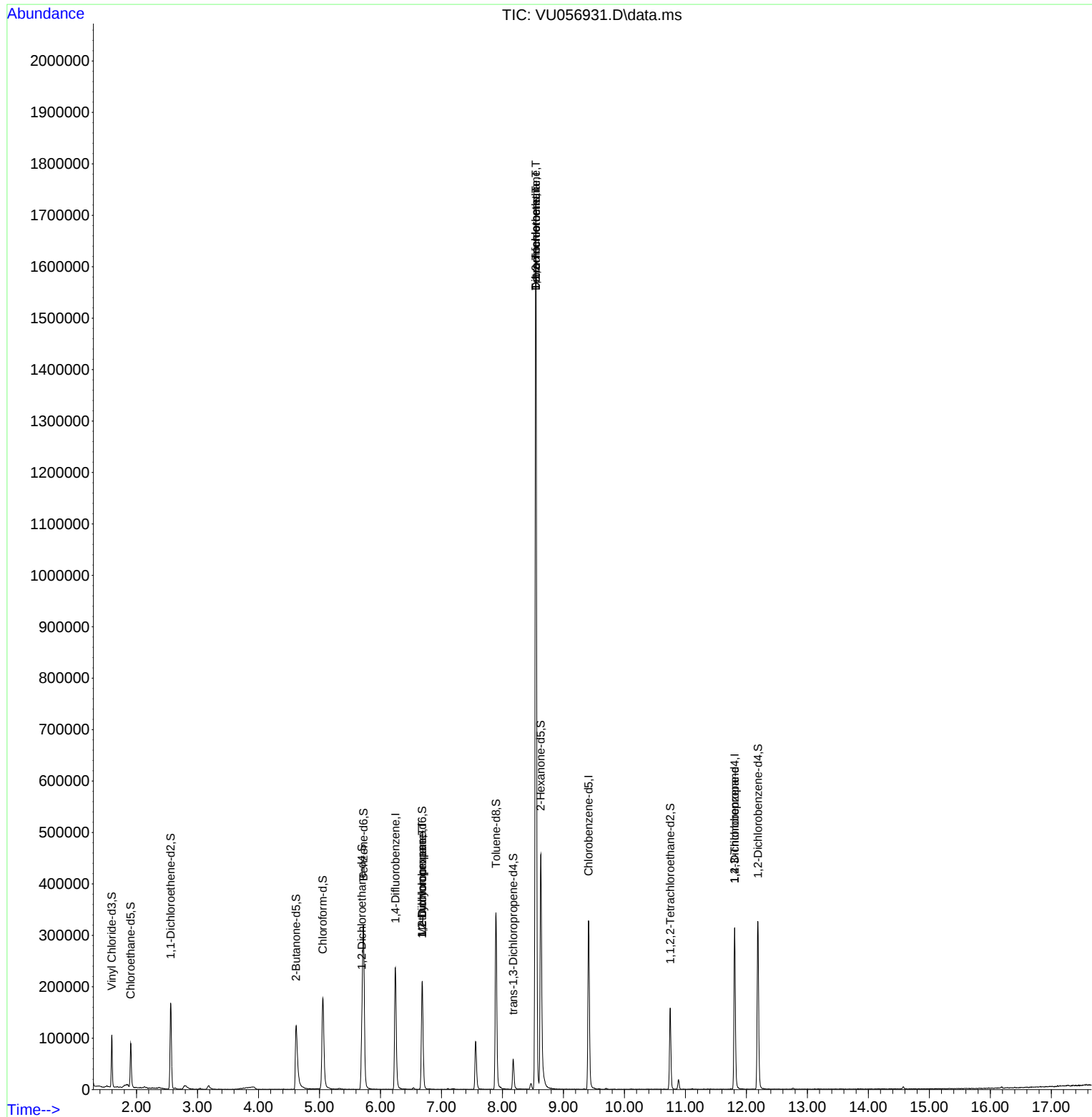
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	193565	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	192437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71283	4.296	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.904	69	65378	5.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	32960	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.618	46	196267	59.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.800%
24) Chloroform-d	5.055	84	171204	5.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	5.695	65	83335	5.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.721	84	305334	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	103558	5.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.894	98	236872	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	35438	4.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	153069	56.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79467	5.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	87775	5.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	23611	0.862	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11502	0.665	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	3405	0.291	ug/L #	1
47) Tetrachloroethene	8.547	164	375146	28.894	ug/L	95
49) Dibromochloromethane	8.547	129	383648	28.537	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10203	1.121	ug/L #	70

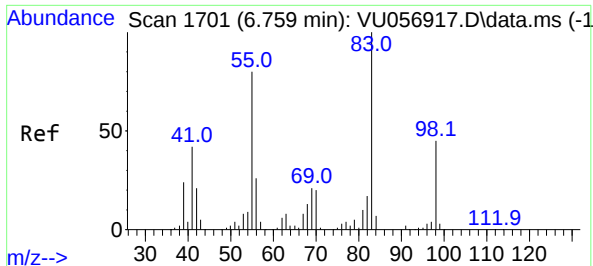
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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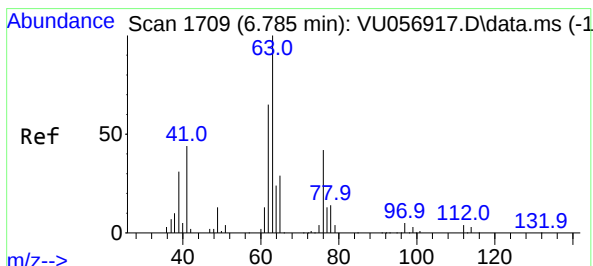
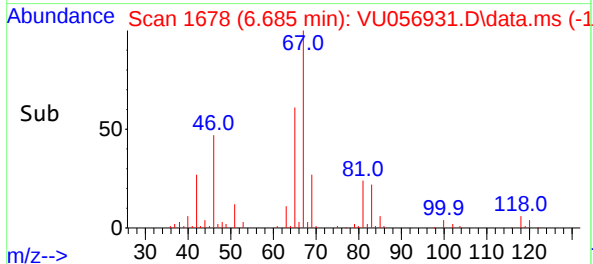
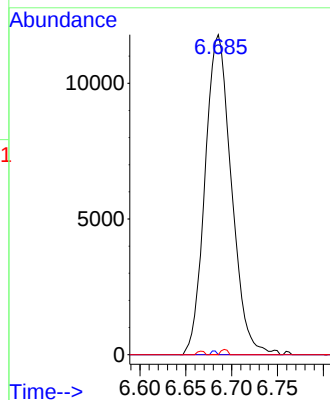
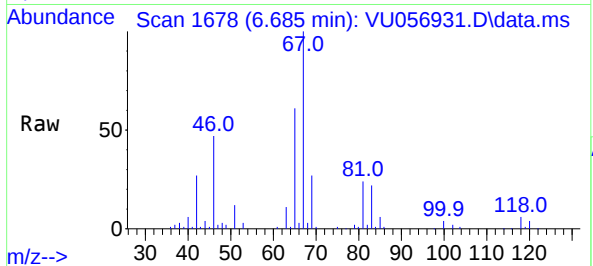




#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056931.D
Acq: 16 Dec 2023 16:51

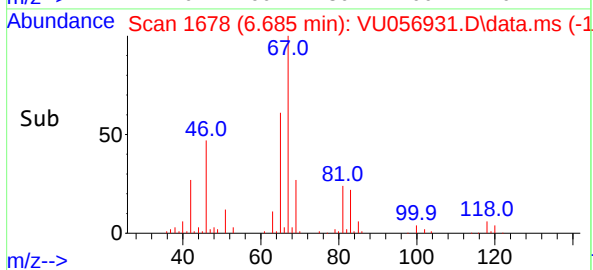
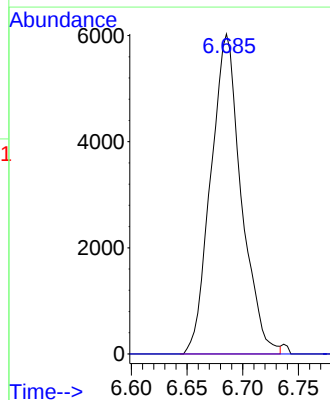
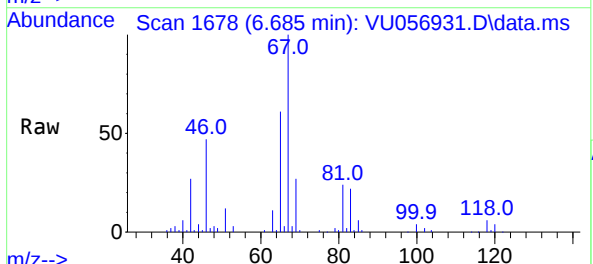
Instrument :
MSVOA_U
ClientSampleId :

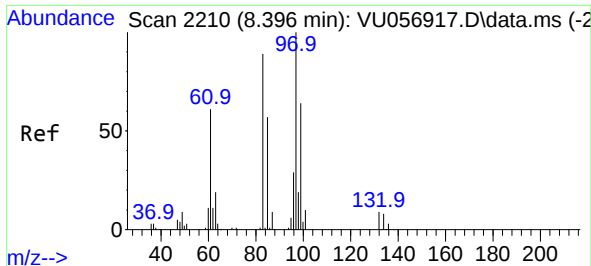
Tgt Ion: 83 Resp: 23611
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.4 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056931.D
Acq: 16 Dec 2023 16:51

Tgt Ion: 63 Resp: 11502
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

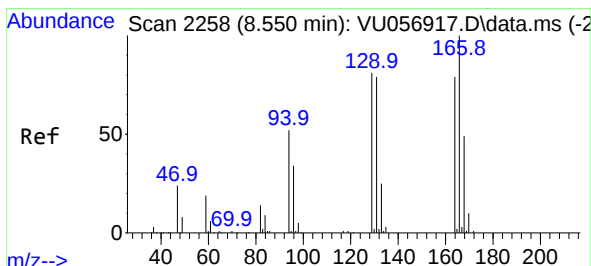
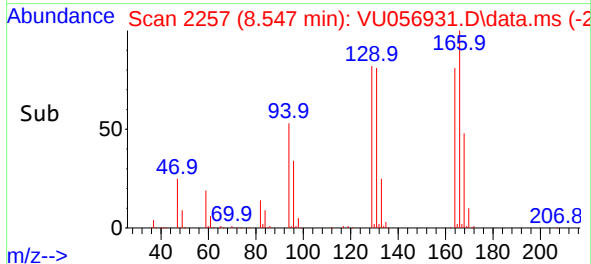
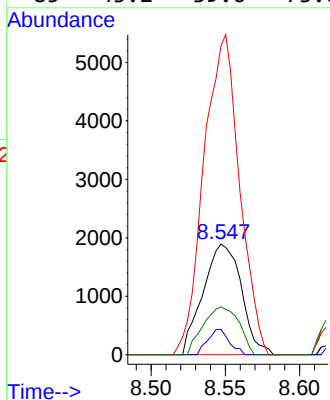
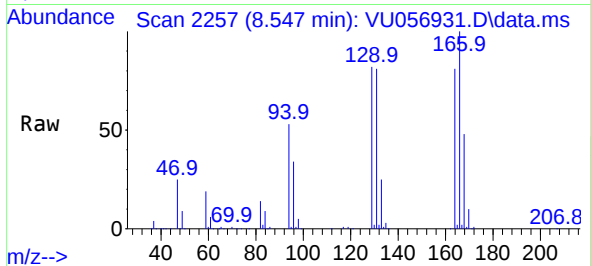




#45
1,1,2-Trichloroethane
Concen: 0.291 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU056931.D
Acq: 16 Dec 2023 16:51

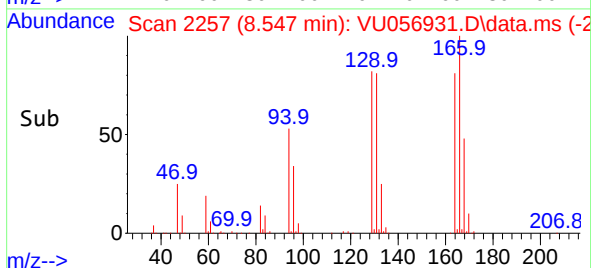
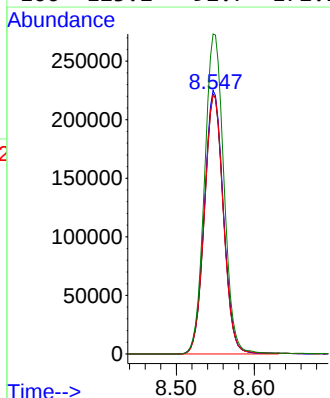
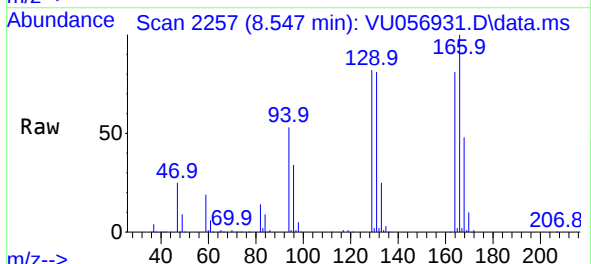
Instrument :
MSVOA_U
ClientSampleId :

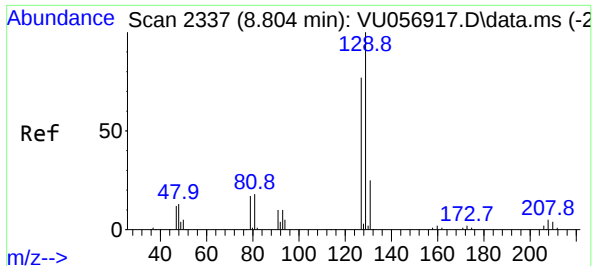
Tgt Ion: 97	Resp: 3405
Ion Ratio	Lower Upper
97	100
99	22.9 41.9 77.9#
83	279.2 59.1 109.7#
85	43.2 39.6 73.6



#47
Tetrachloroethene
Concen: 28.894 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056931.D
Acq: 16 Dec 2023 16:51

Tgt Ion: 164	Resp: 375146
Ion Ratio	Lower Upper
164	100
129	101.4 73.4 136.4
131	99.7 71.5 132.9
166	123.2 92.7 172.1





#49

Dibromochloromethane

Concen: 28.537 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056931.D

Acq: 16 Dec 2023 16:51

Instrument :

MSVOA_U

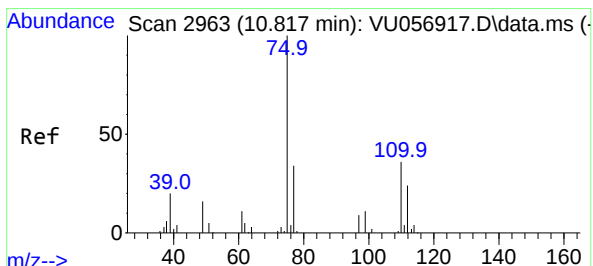
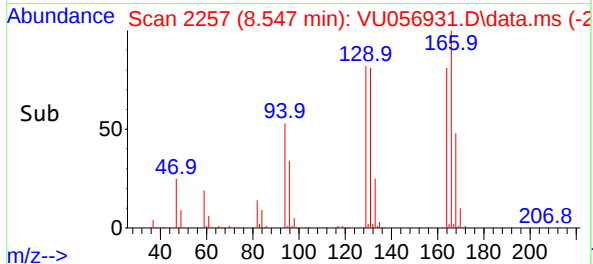
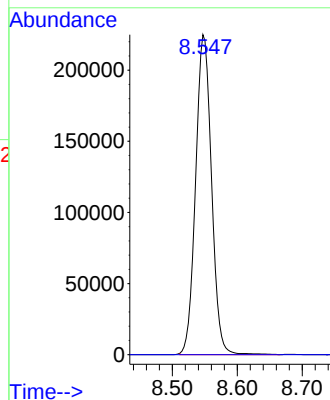
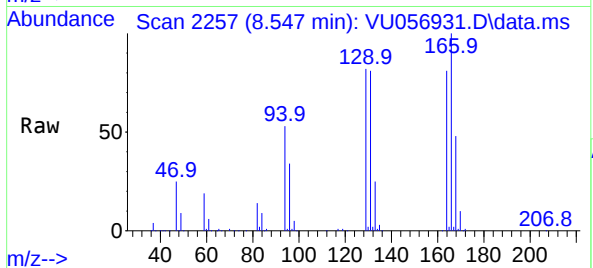
ClientSampleId :

Tgt Ion:129 Resp: 383648

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.121 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056931.D

Acq: 16 Dec 2023 16:51

Tgt Ion: 75 Resp: 10203

Ion Ratio Lower Upper

75 100

110 2.6 28.4 42.6#

77 32.5 26.3 39.5

