

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060423.D
 Acq On : 13 Aug 2024 14:03
 Operator : MD/SY
 Sample : P3501-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:21:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

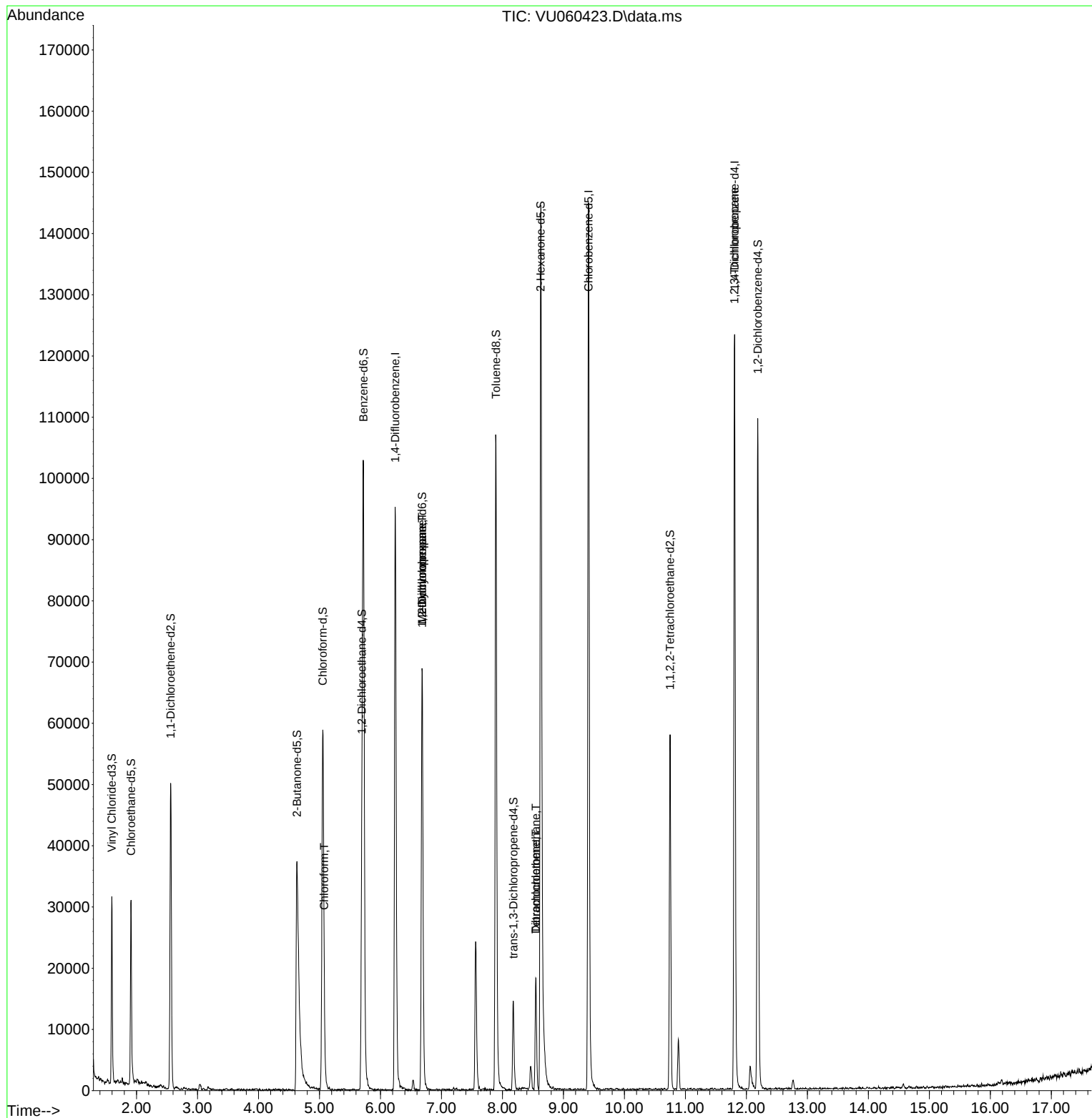
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80565	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22507	3.559	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.911	69	22103	3.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	9904	3.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.631	46	72648	54.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.260%
24) Chloroform-d	5.055	84	58147	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	28659	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.721	84	101095	3.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.682	67	35744	4.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.894	98	78869	3.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.181	79	9820	3.697	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.627	63	51325	43.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31032	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	32386	4.743	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
25) Chloroform	5.078	83	2505	0.214	ug/L	78
35) Methylcyclohexane	6.682	83	8351	0.966	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3457	0.502	ug/L #	88
47) Tetrachloroethene	8.547	164	4115	0.795	ug/L	84
49) Dibromochloromethane	8.547	129	4448	0.794	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	3830	1.067	ug/L #	66

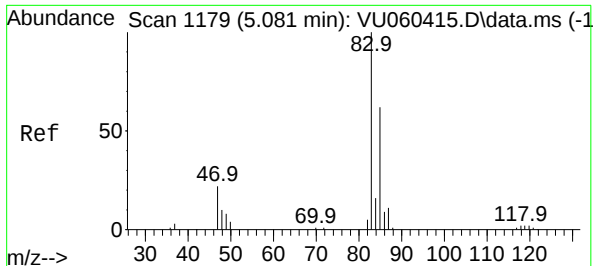
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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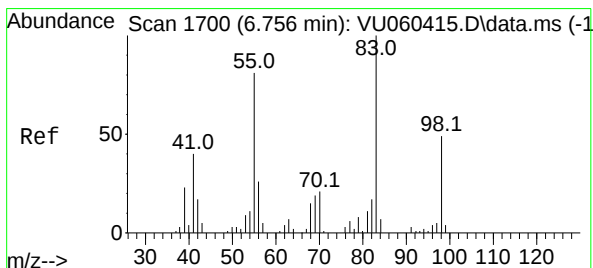
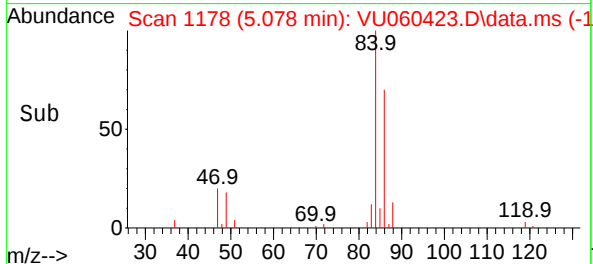
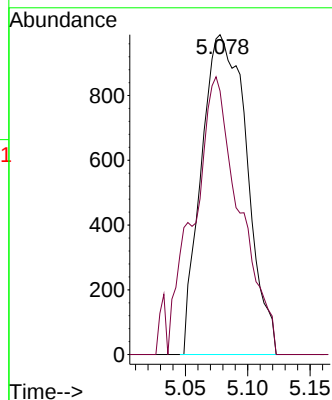
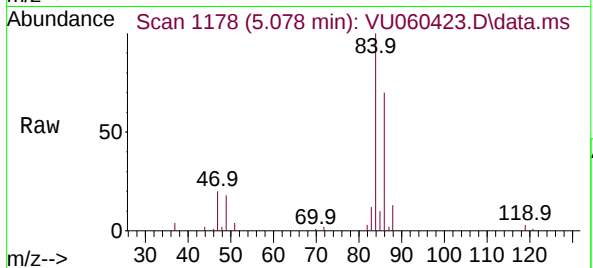




#25
Chloroform
Concen: 0.214 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060423.D
Acq: 13 Aug 2024 14:03

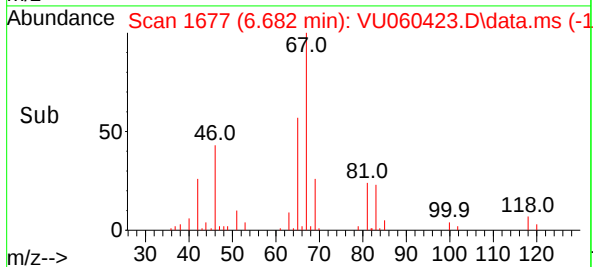
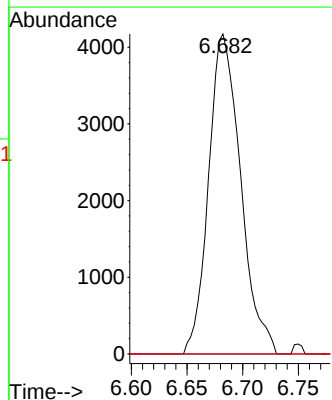
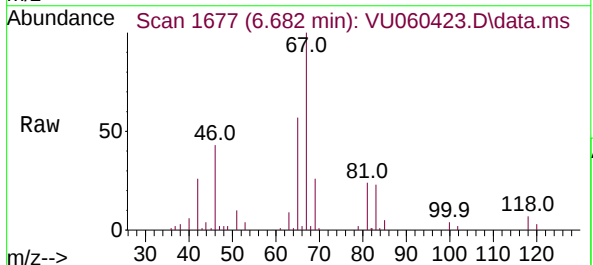
Instrument :
MSVOA_U
ClientSampleId :

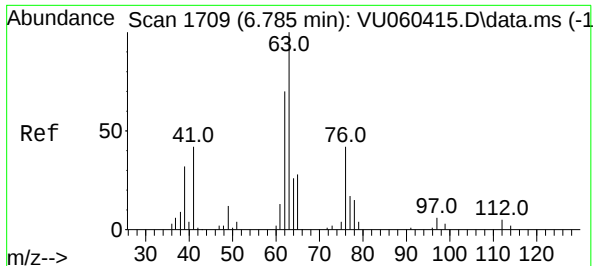
Tgt Ion: 83 Resp: 2505
Ion Ratio Lower Upper
83 100
85 82.4 45.6 84.6



#35
Methylcyclohexane
Concen: 0.966 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060423.D
Acq: 13 Aug 2024 14:03

Tgt Ion: 83 Resp: 8351
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.6 37.3 55.9#

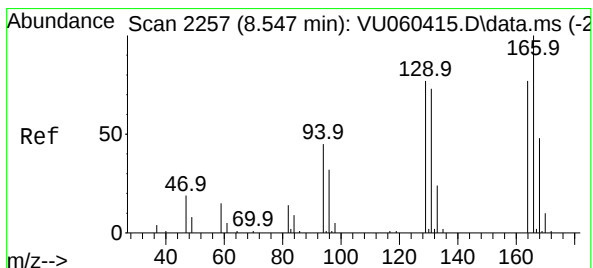
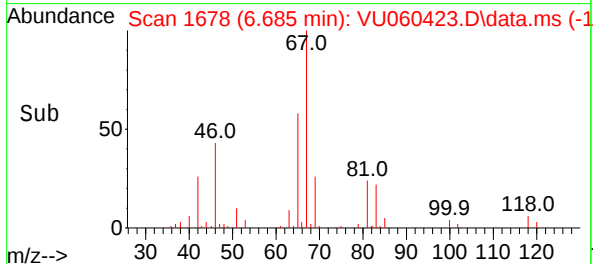
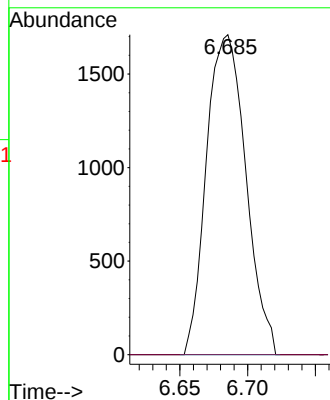
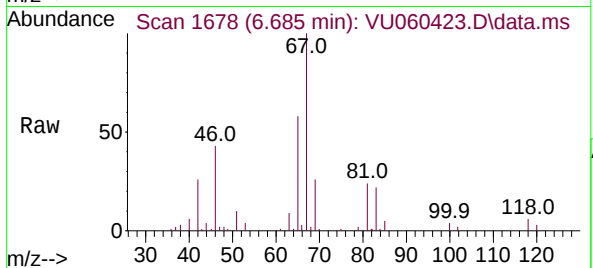




#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU060423.D
Acq: 13 Aug 2024 14:03

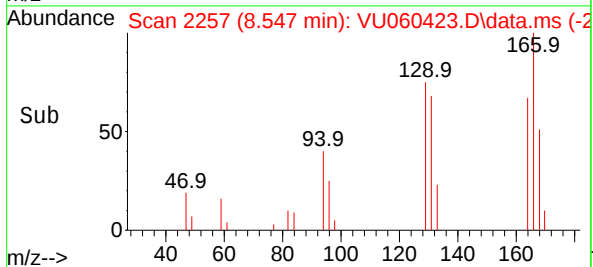
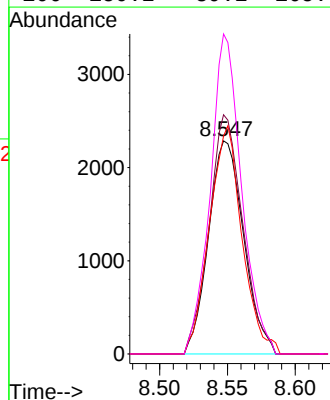
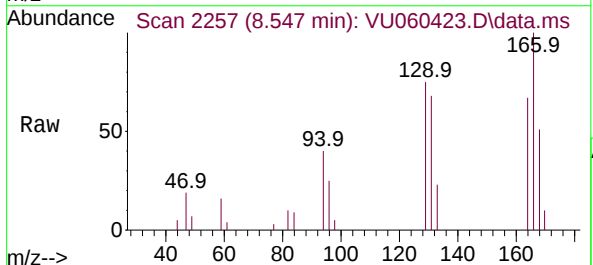
Instrument :
MSVOA_U
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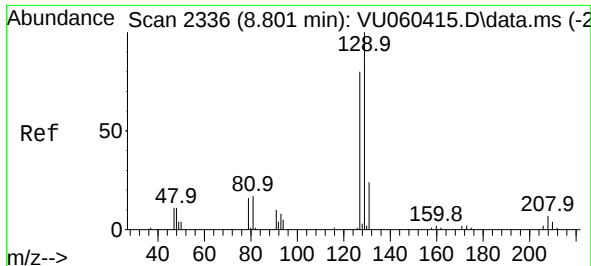
Tgt Ion: 63 Resp: 3457
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.795 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060423.D
Acq: 13 Aug 2024 14:03

Tgt Ion:164 Resp: 4115
Ion Ratio Lower Upper
164 100
129 112.2 69.0 128.1
131 102.3 62.6 116.3
166 150.2 89.2 165.8





#49

Dibromochloromethane

Concen: 0.794 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060423.D

Acq: 13 Aug 2024 14:03

Instrument :

MSVOA_U

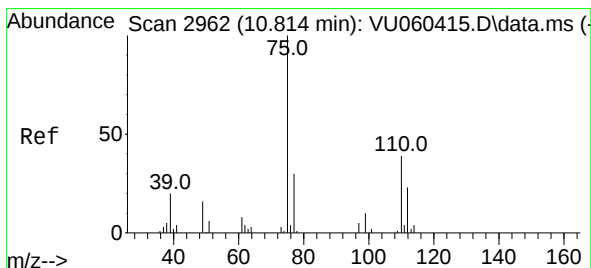
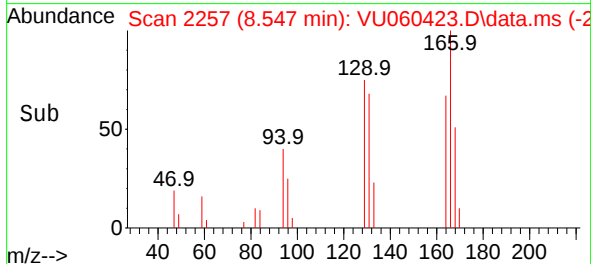
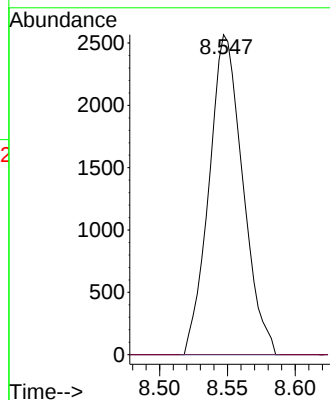
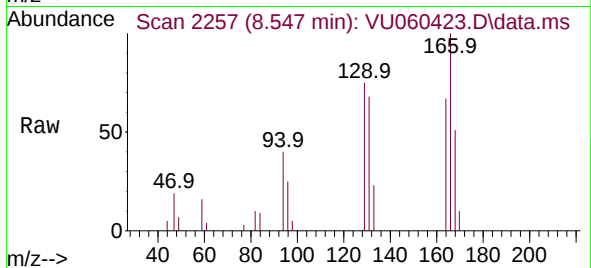
ClientSampleId :

Tgt Ion:129 Resp: 4448

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.3#



#61

1,2,3-Trichloropropane

Concen: 1.067 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060423.D

Acq: 13 Aug 2024 14:03

Tgt Ion: 75 Resp: 3830

Ion Ratio Lower Upper

75 100

110 0.5 29.9 44.9#

77 32.0 27.0 40.6

