

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060421.D
 Acq On : 13 Aug 2024 13:14
 Operator : MD/SY
 Sample : P3501-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:21:14 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)

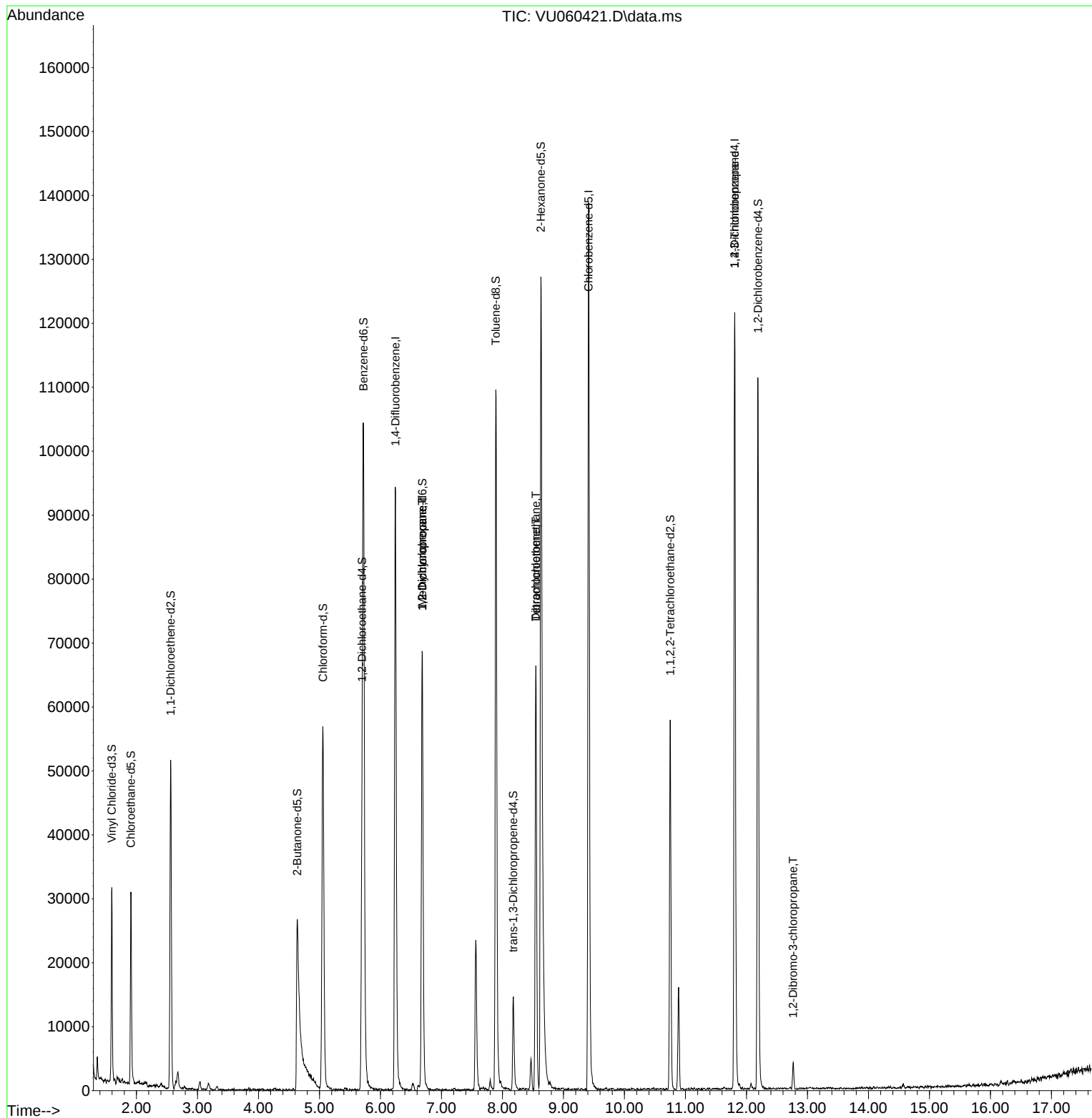
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	82871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20615	3.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.907	69	22463	3.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	10052	3.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.634	46	57598	41.722	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.440%
24) Chloroform-d	5.055	84	56966	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	27993	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	101704	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.685	67	35638	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	79443	3.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.177	79	9902	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.631	63	52694	45.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31088	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31920	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	8457	1.000	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3458	0.514	ug/L #	88
47) Tetrachloroethene	8.547	164	16229	3.204	ug/L	91
49) Dibromochloromethane	8.547	129	14718	2.684	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	4155	1.154	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.766	75	75	0.111	ug/L #	1

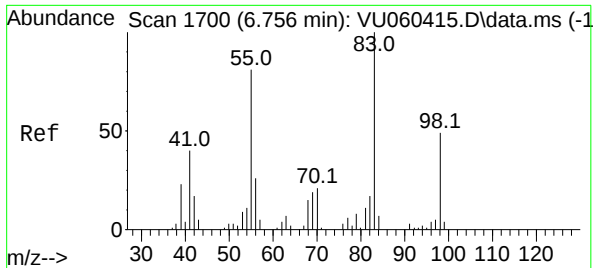
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.000 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060421.D

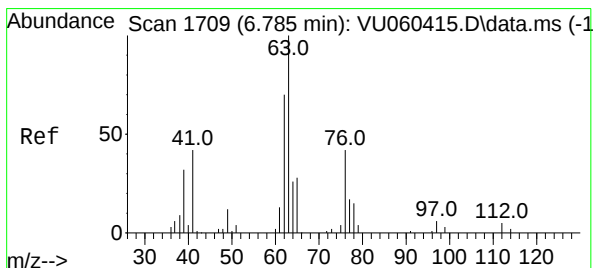
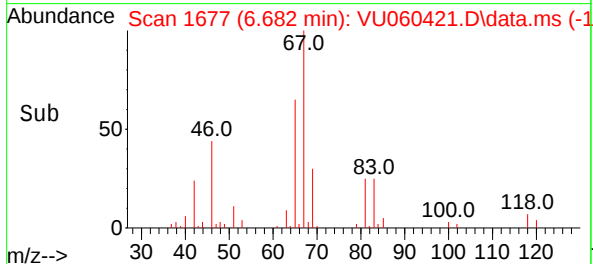
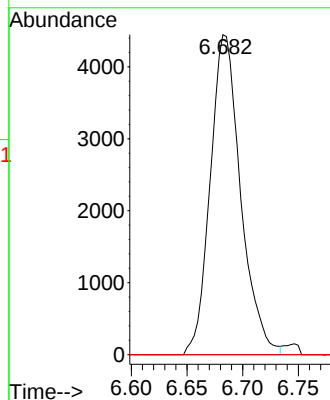
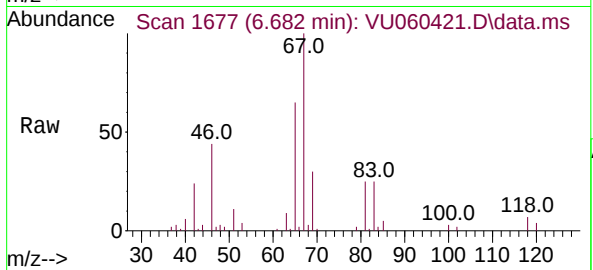
Acq: 13 Aug 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8457
Ion Ratio	Lower Upper
83	100
55	0.0 62.4 93.6#
98	2.5 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

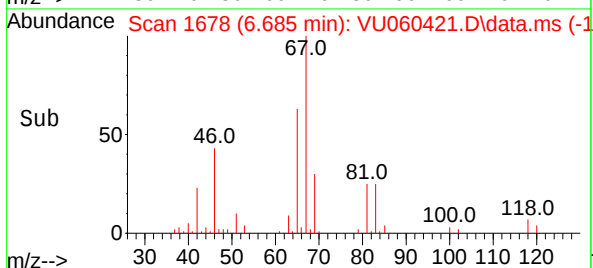
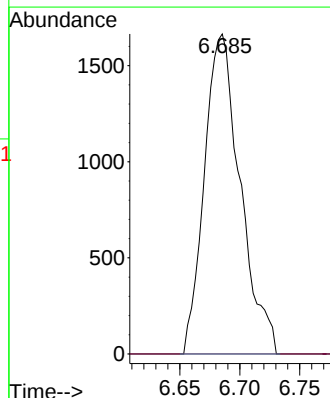
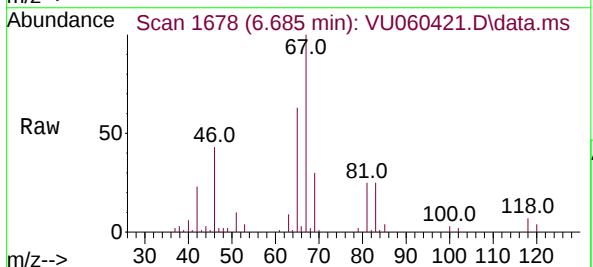
RT: 6.685 min Scan# 1678

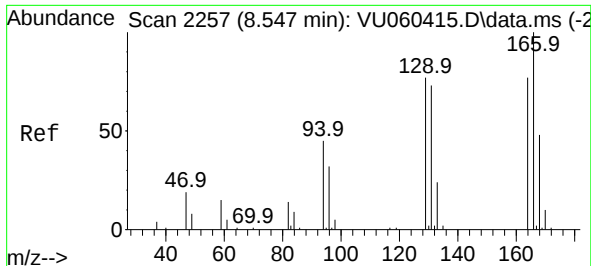
Delta R.T. -0.099 min

Lab File: VU060421.D

Acq: 13 Aug 2024 13:14

Tgt Ion: 63	Resp: 3458
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 3.204 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

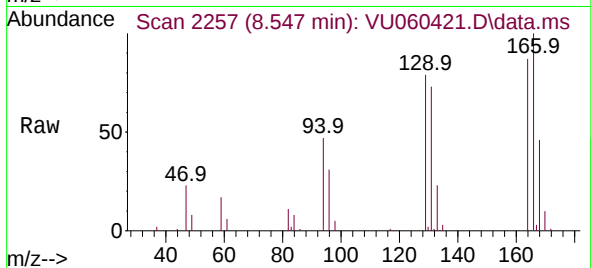
Lab File: VU060421.D

Acq: 13 Aug 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 16229

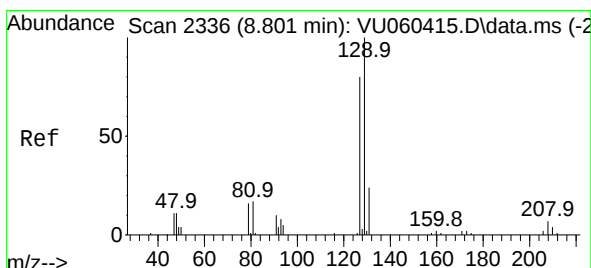
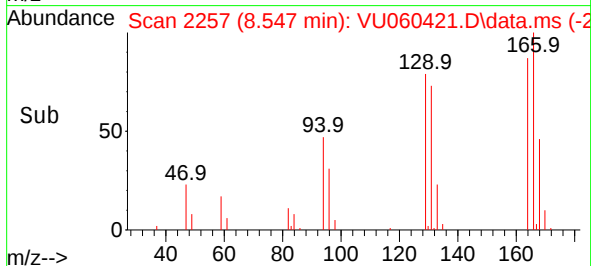
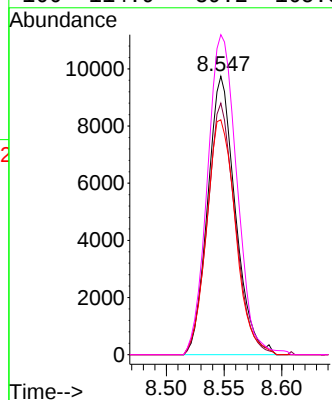
Ion Ratio Lower Upper

164 100

129 90.4 69.0 128.1

131 84.4 62.6 116.3

166 114.9 89.2 165.8



#49

Dibromochloromethane

Concen: 2.684 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060421.D

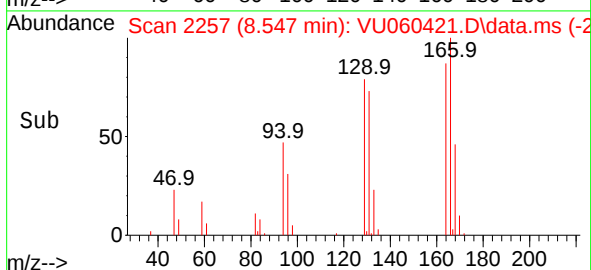
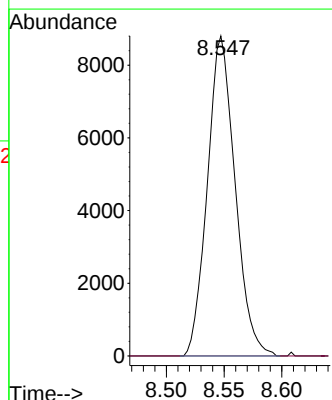
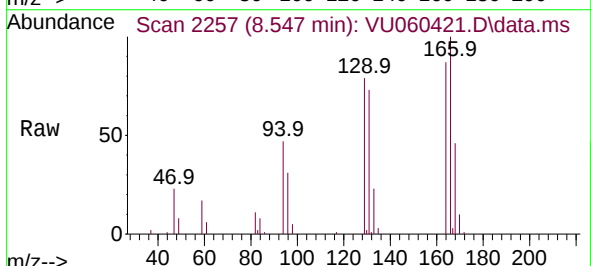
Acq: 13 Aug 2024 13:14

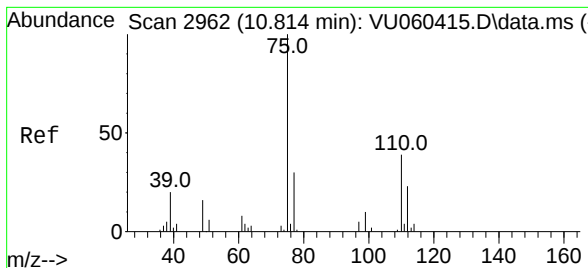
Tgt Ion:129 Resp: 14718

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.3#





#61

1,2,3-Trichloropropane

Concen: 1.154 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU060421.D

Acq: 13 Aug 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :

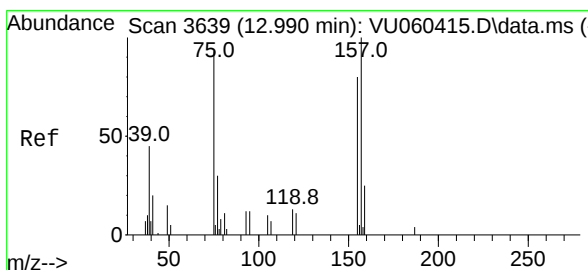
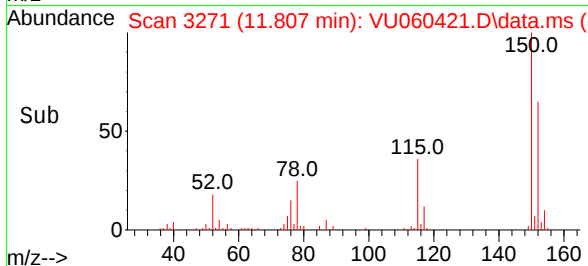
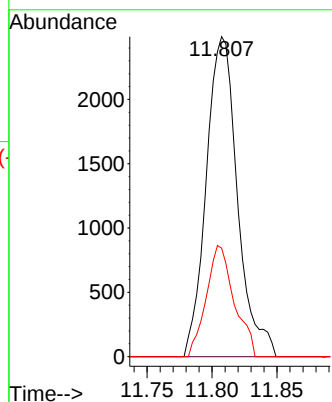
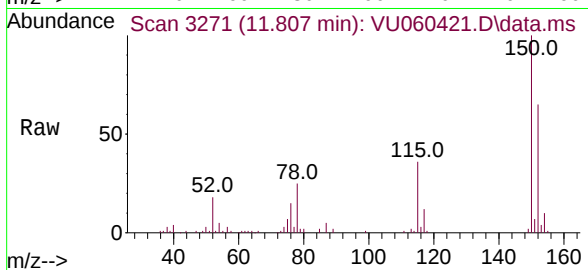
Tgt Ion: 75 Resp: 4155

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 31.1 27.0 40.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.111 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

Lab File: VU060421.D

Acq: 13 Aug 2024 13:14

Tgt Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

