

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060525.D
 Acq On : 23 Aug 2024 21:33
 Operator : MD/SY
 Sample : P3711-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

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

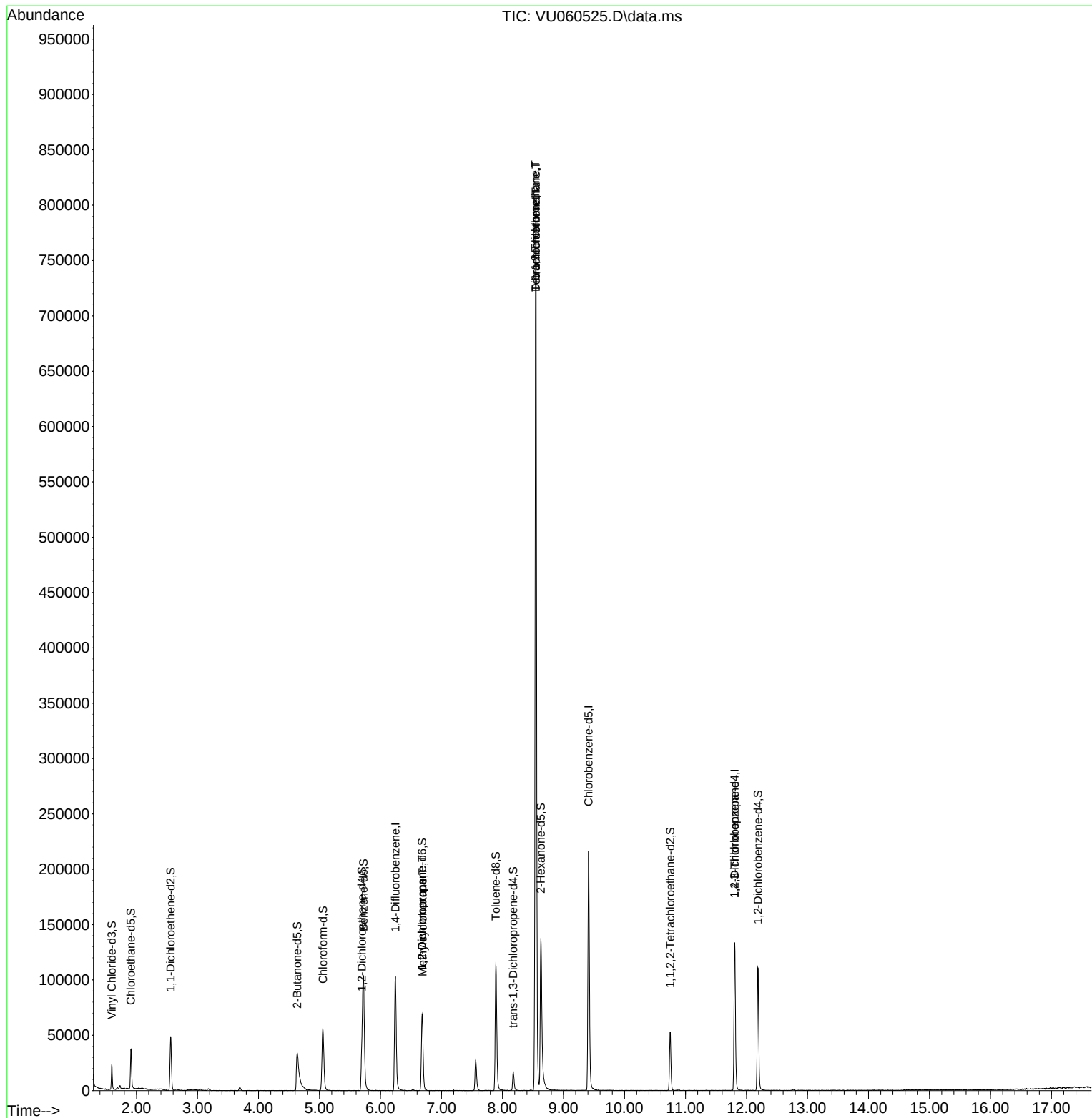
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	87672	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16022	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.907	69	26147	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	9340	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.634	46	65419	49.128	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	5.055	84	55203	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	30695	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	98445	3.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	6.682	67	33781	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.891	98	80966	3.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.400%#
43) trans-1,3-Dichloroprop...	8.174	79	10621	3.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.631	63	50022	32.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26925	3.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	31092	5.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	7676	0.506	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3661	0.350	ug/L #	91
45) 1,1,2-Trichloroethane	8.541	97	1434	0.189	ug/L #	1
47) Tetrachloroethene	8.547	164	173447	19.140	ug/L	98
49) Dibromochloromethane	8.547	129	167656	19.128	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	4308	1.166	ug/L #	65

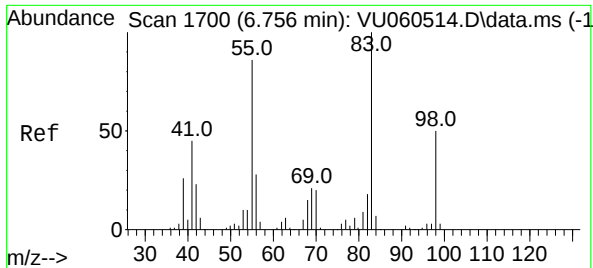
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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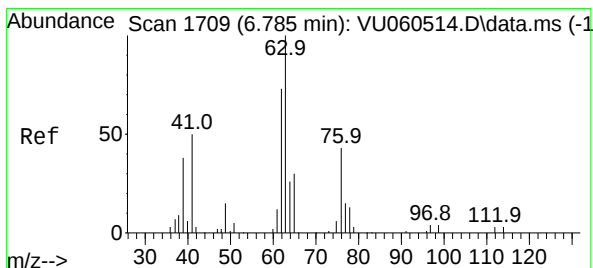
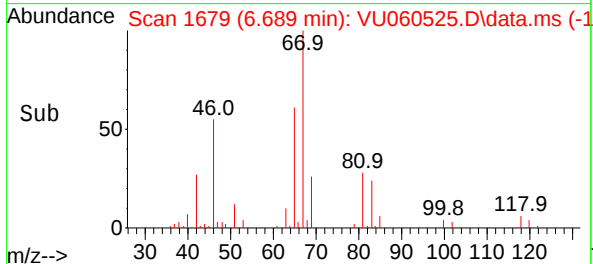
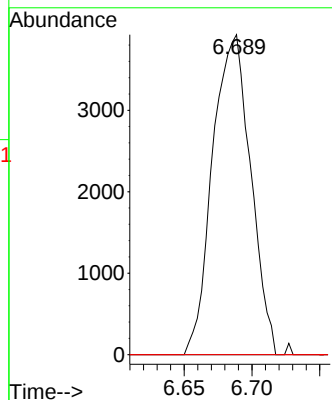
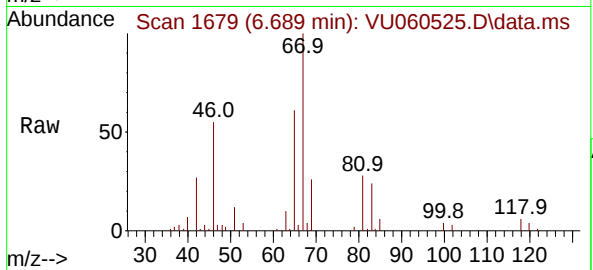




#35
Methylcyclohexane
Concen: 0.506 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.068 min
Lab File: VU060525.D
Acq: 23 Aug 2024 21:33

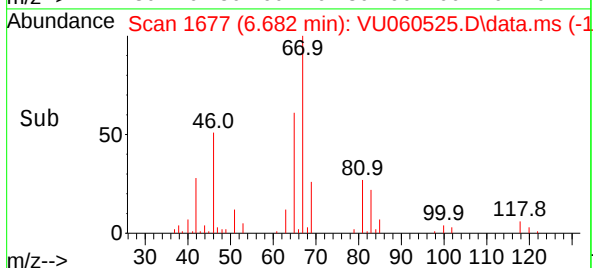
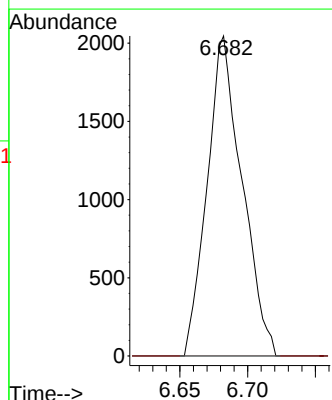
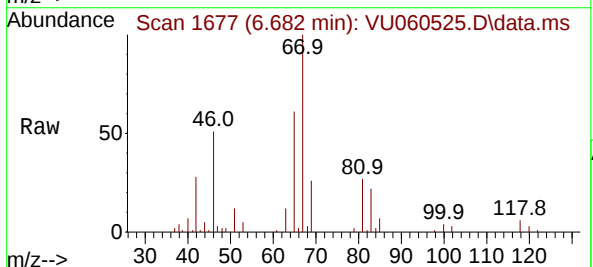
Instrument :
MSVOA_U
ClientSampleId :

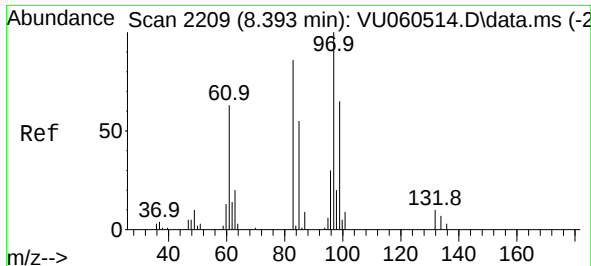
Tgt Ion: 83 Resp: 7676
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.8#
98 1.4 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.350 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU060525.D
Acq: 23 Aug 2024 21:33

Tgt Ion: 63 Resp: 3661
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#

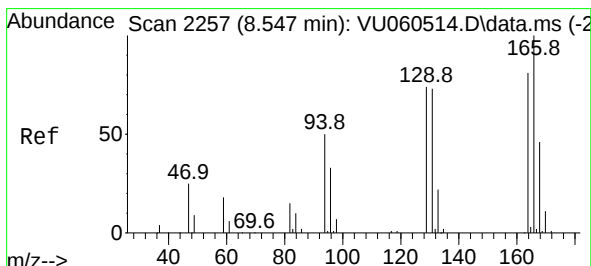
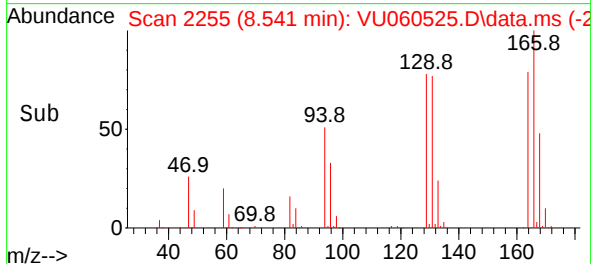
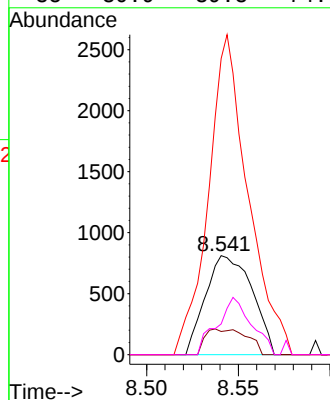
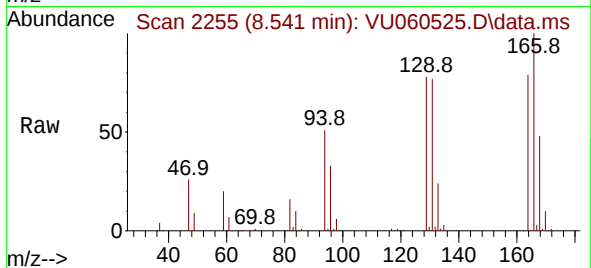




#45
1,1,2-Trichloroethane
Concen: 0.189 ug/L
RT: 8.541 min Scan# 21
Delta R.T. 0.148 min
Lab File: VU060525.D
Acq: 23 Aug 2024 21:33

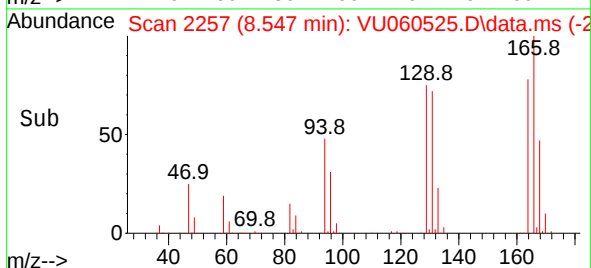
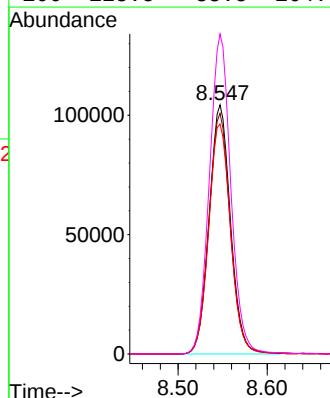
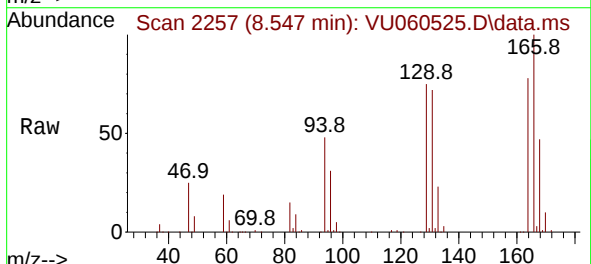
Instrument :
MSVOA_U
ClientSampleId :

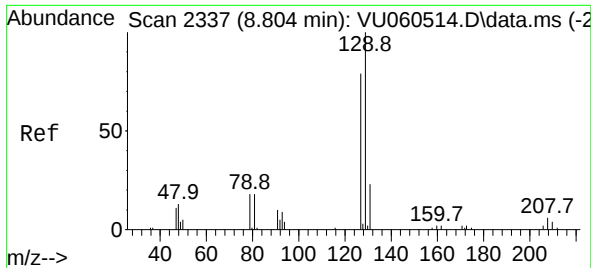
Tgt Ion: 97 Resp: 1434
Ion Ratio Lower Upper
97 100
99 23.4 42.4 78.8#
83 298.9 64.0 119.0#
85 30.9 39.8 74.0#



#47
Tetrachloroethene
Concen: 19.140 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060525.D
Acq: 23 Aug 2024 21:33

Tgt Ion:164 Resp: 173447
Ion Ratio Lower Upper
164 100
129 96.6 67.8 125.8
131 92.3 67.2 124.8
166 128.5 88.5 164.4





#49

Dibromochloromethane

Concen: 19.128 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060525.D

Acq: 23 Aug 2024 21:33

Instrument :

MSVOA_U

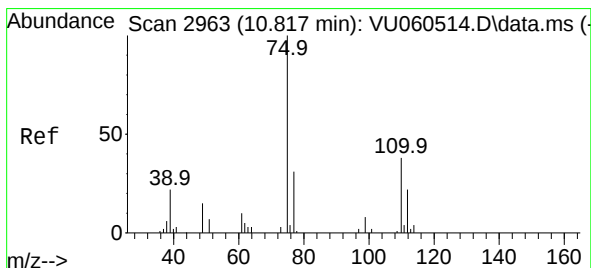
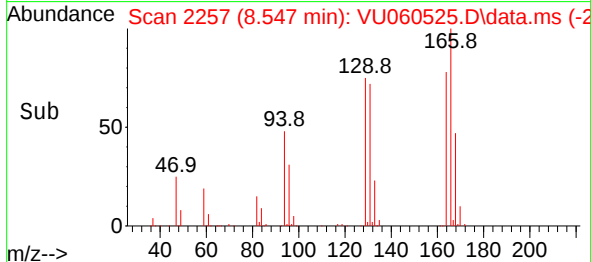
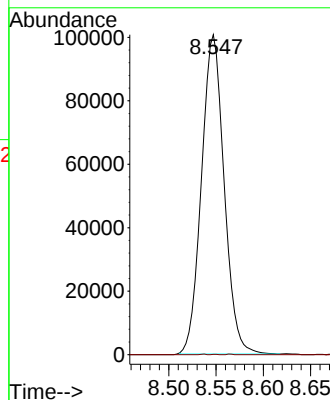
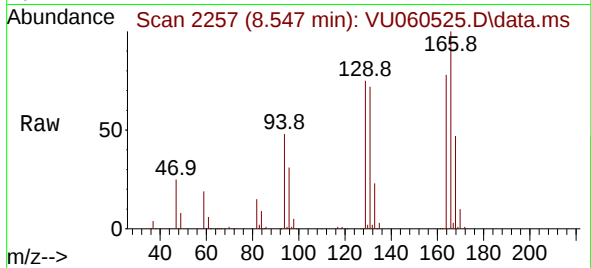
ClientSampleId :

Tgt Ion:129 Resp: 167656

Ion Ratio Lower Upper

129 100

127 0.1 53.0 98.4#



#61

1,2,3-Trichloropropane

Concen: 1.166 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060525.D

Acq: 23 Aug 2024 21:33

Tgt Ion: 75 Resp: 4308

Ion Ratio Lower Upper

75 100

110 0.0 30.2 45.4#

77 32.4 25.4 38.2

