

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054726.D
 Acq On : 30 Jun 2023 16:41
 Operator : MD/SY
 Sample : 03457-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C63

Quant Time: Jul 03 06:46:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

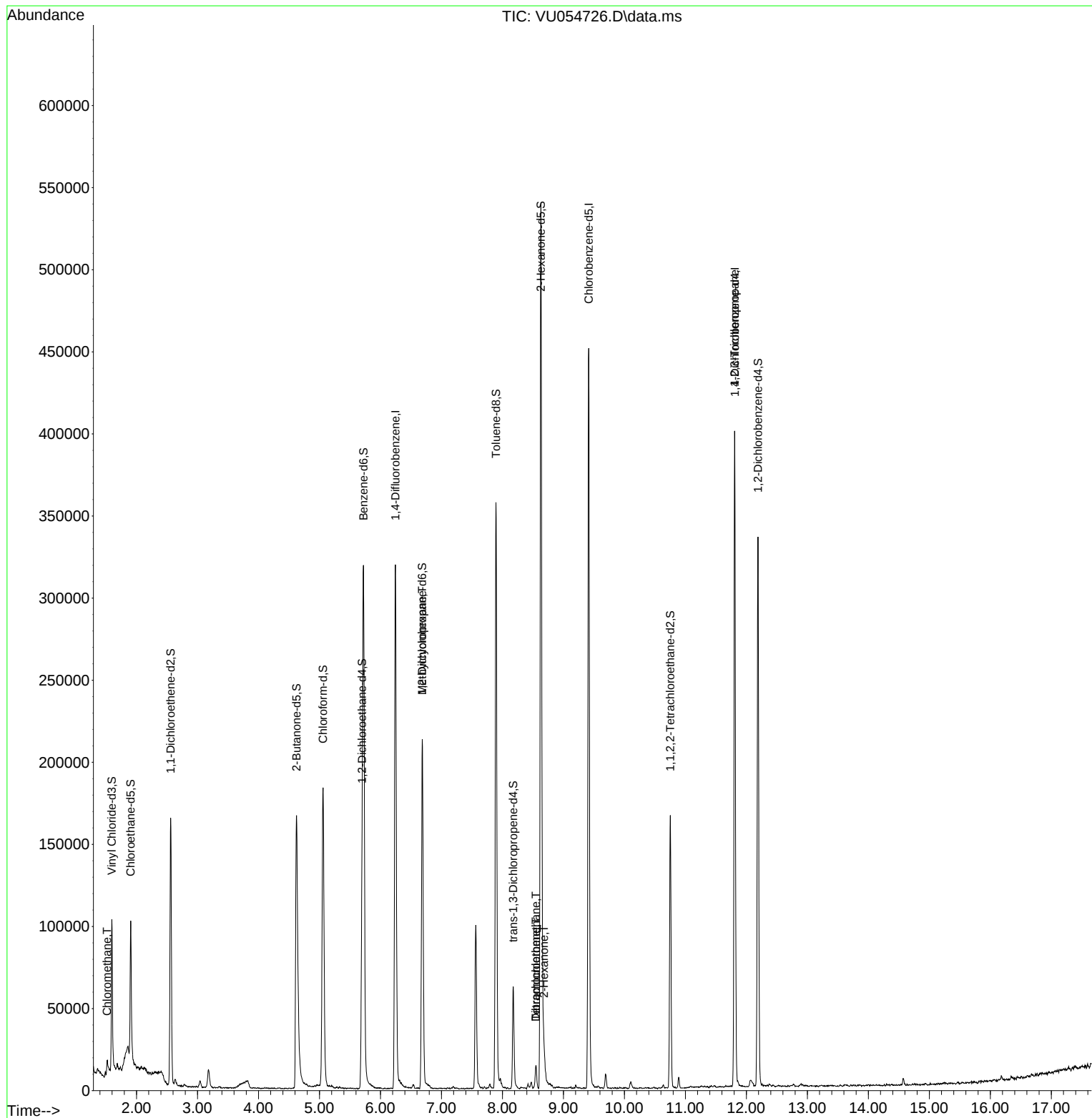
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252793	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	246509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	105521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72906	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.904	69	70119	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.560	65	30986	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.624	46	260032	57.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.980%
24) Chloroform-d	5.058	84	154635	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	82971	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	290907	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.685	67	103678	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	237423	3.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	35966	4.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.630	63	173909	52.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87284	5.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	89267	5.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6363	0.234	ug/L	99
35) Methylcyclohexane	6.685	83	23549	0.665	ug/L #	17
47) Tetrachloroethene	8.550	164	3069	0.171	ug/L	94
48) 2-Hexanone	8.682	43	8168	0.858	ug/L #	84
49) Dibromochloromethane	8.547	129	3085	0.193	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13730	1.287	ug/L #	67

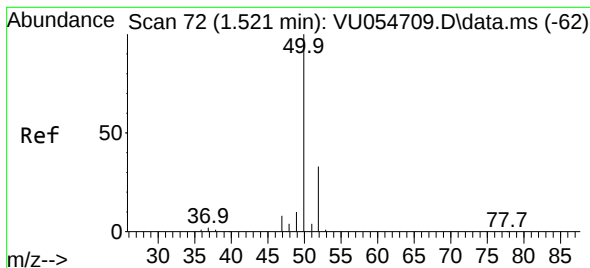
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.234 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU054726.D

Acq: 30 Jun 2023 16:41

Instrument :

MSVOA_U

ClientSampleId :

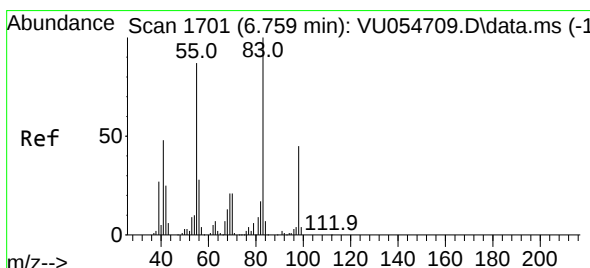
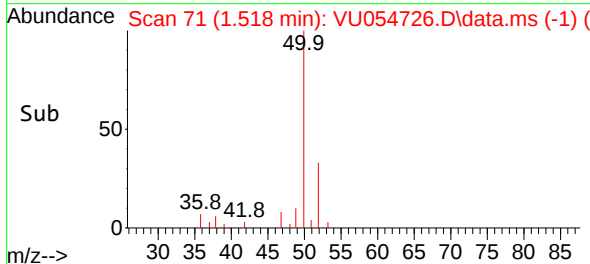
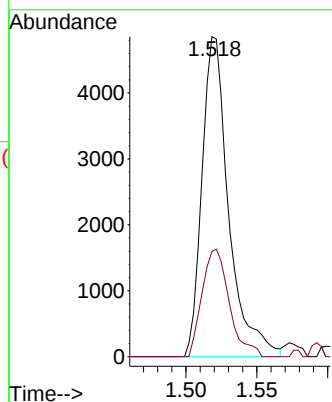
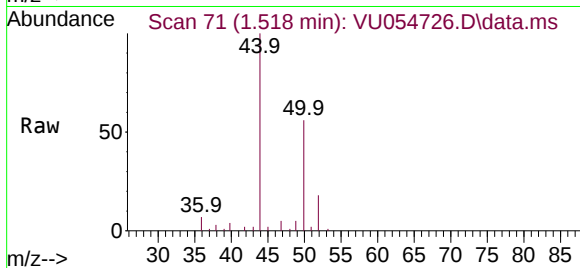
C0C63

Tgt Ion: 50 Resp: 6363

Ion Ratio Lower Upper

50 100

52 32.9 23.4 43.4



#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054726.D

Acq: 30 Jun 2023 16:41

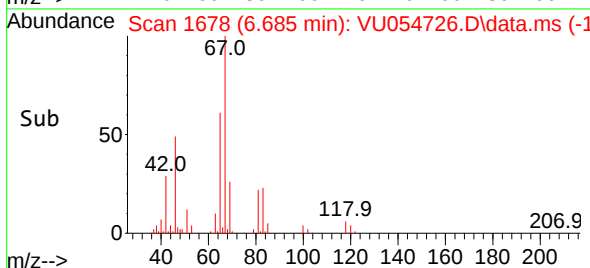
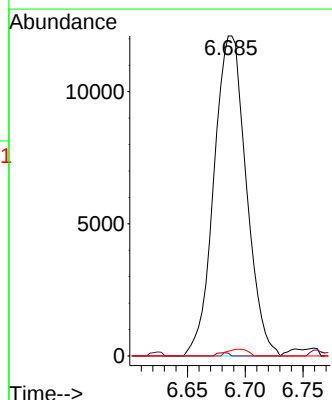
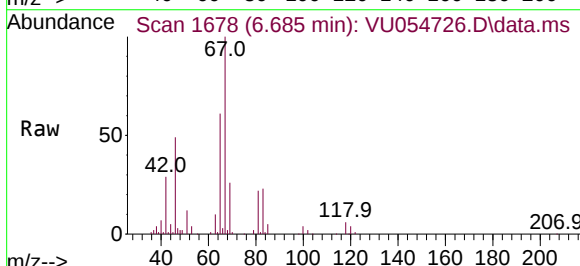
Tgt Ion: 83 Resp: 23549

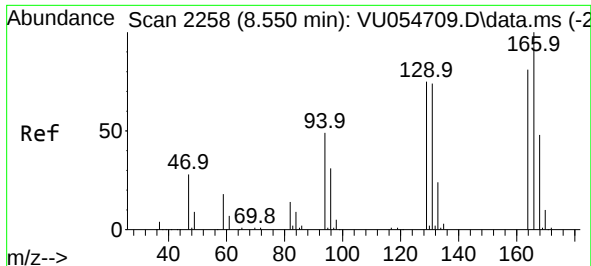
Ion Ratio Lower Upper

83 100

55 0.4 67.1 100.7#

98 1.3 35.1 52.7#





#47

Tetrachloroethene

Concen: 0.171 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054726.D

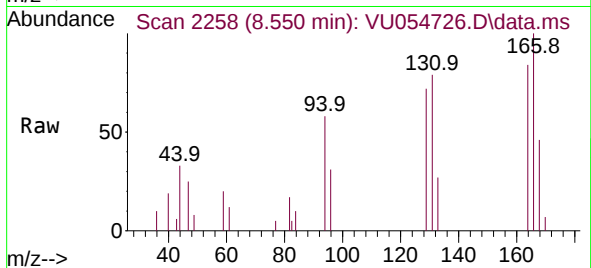
Acq: 30 Jun 2023 16:41

Instrument :

MSVOA_U

ClientSampleId :

C0C63



Tgt Ion:164 Resp: 3069

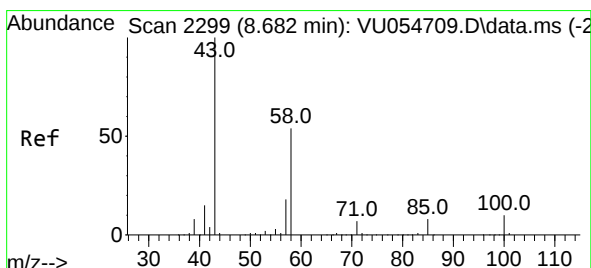
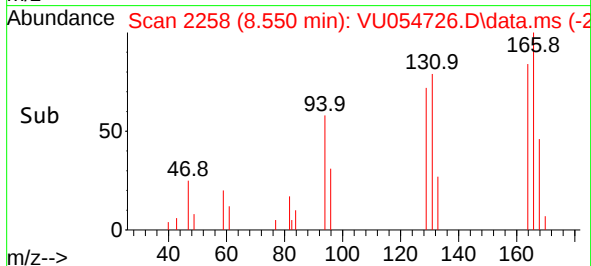
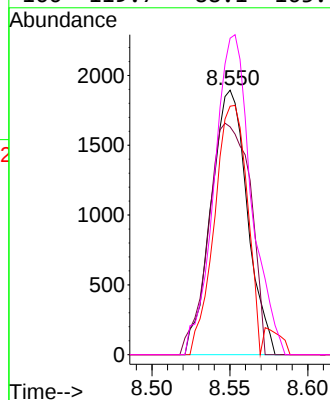
Ion Ratio Lower Upper

164 100

129 86.2 67.7 125.7

131 94.0 64.6 120.0

166 119.7 88.1 163.7



#48

2-Hexanone

Concen: 0.858 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU054726.D

Acq: 30 Jun 2023 16:41

Tgt Ion: 43 Resp: 8168

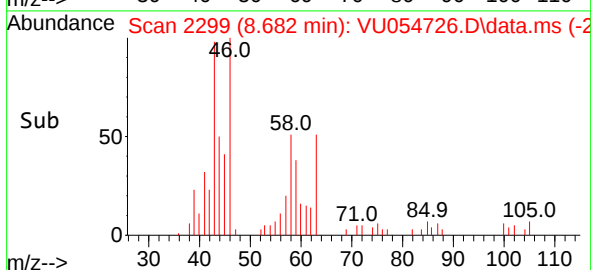
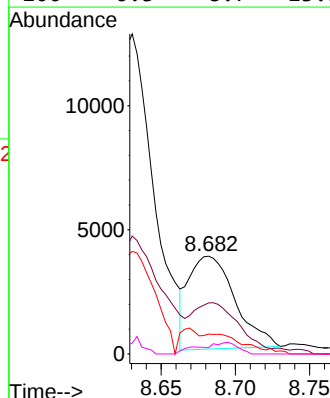
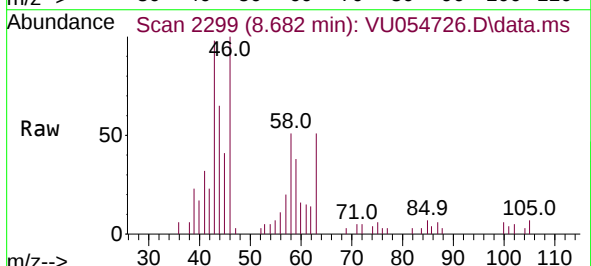
Ion Ratio Lower Upper

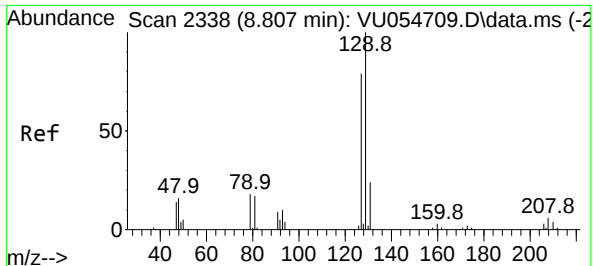
43 100

58 51.0 45.2 67.8

57 0.0 15.8 23.6#

100 6.3 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.193 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU054726.D

Acq: 30 Jun 2023 16:41

Instrument :

MSVOA_U

ClientSampleId :

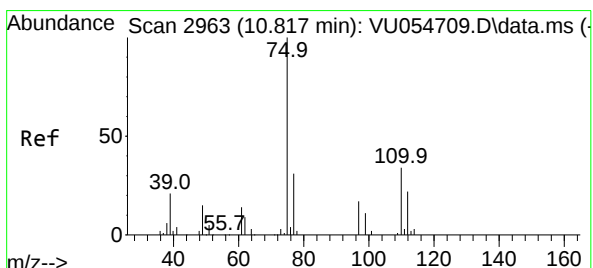
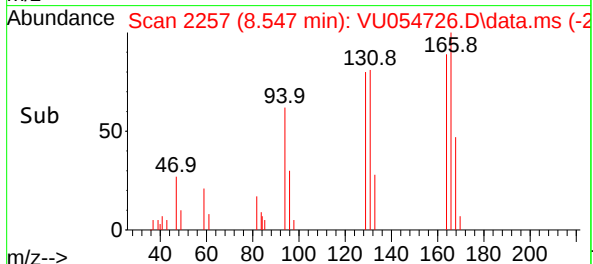
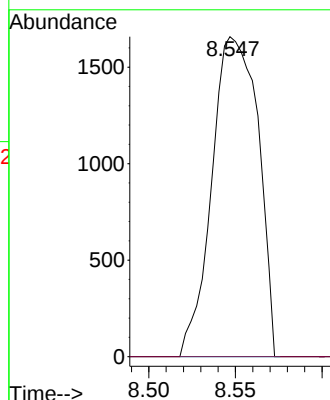
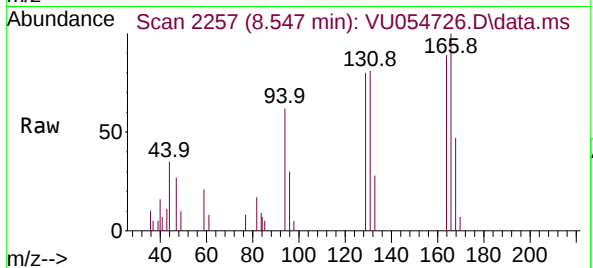
C0C63

Tgt Ion:129 Resp: 3085

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.287 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054726.D

Acq: 30 Jun 2023 16:41

Tgt Ion: 75 Resp: 13730

Ion Ratio Lower Upper

75 100

110 2.0 28.0 42.0#

77 28.4 25.4 38.2

