

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054745.D
 Acq On : 03 Jul 2023 13:35
 Operator : MD/SY
 Sample : 03495-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB3

Quant Time: Jul 05 04:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

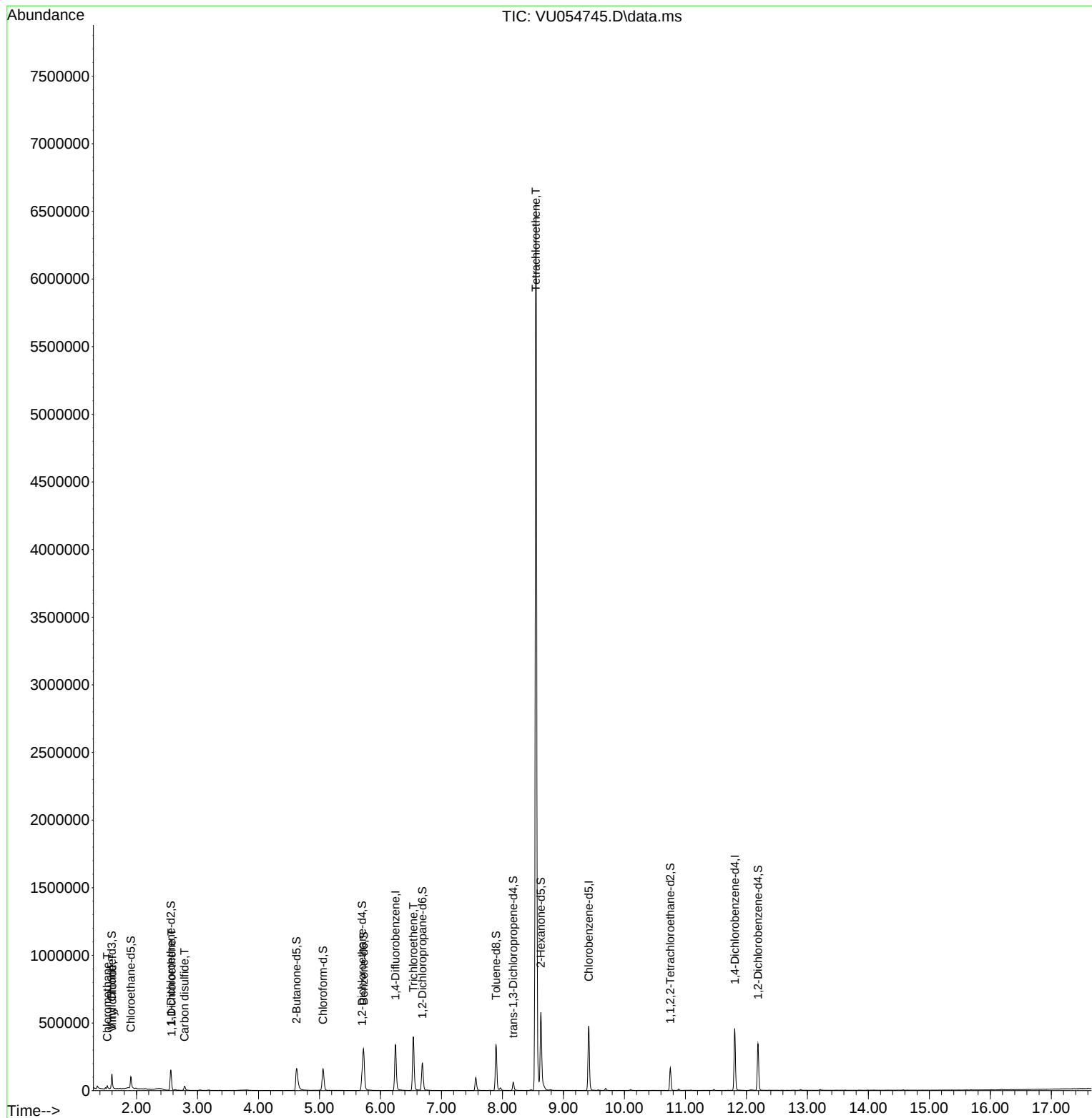
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	120136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70137	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.907	69	67871	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	28848	3.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.624	46	261489	55.103	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.200%
24) Chloroform-d	5.058	84	147615	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.698	65	80233	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.724	84	278995	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.688	67	99525	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.894	98	232768	3.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	35810	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	185845	51.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84407	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	89845	4.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
3) Chloromethane	1.521	50	16500	0.580	ug/L	95
5) Vinyl chloride	1.602	62	11506	0.394	ug/L	92
12) 1,1-Dichloroethene	2.576	96	3052	0.159	ug/L	# 1
14) Carbon disulfide	2.788	76	40379	0.708	ug/L	100
34) Trichloroethene	6.541	95	138187	5.477	ug/L	97
47) Tetrachloroethene	8.550	164	1463442	75.771	ug/L	99

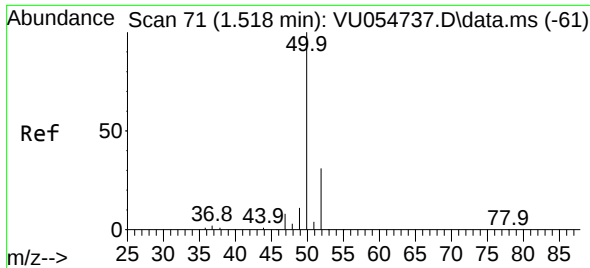
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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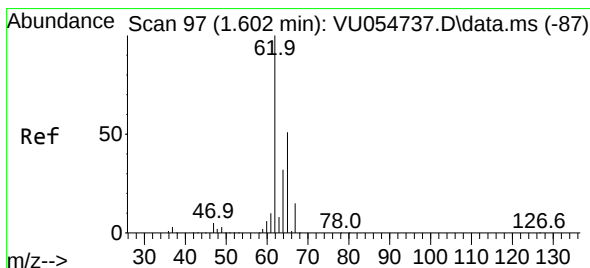
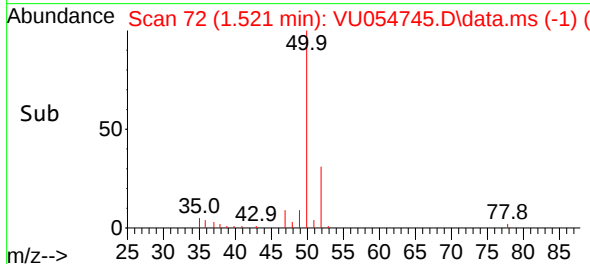
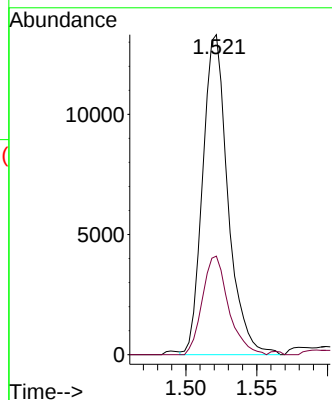
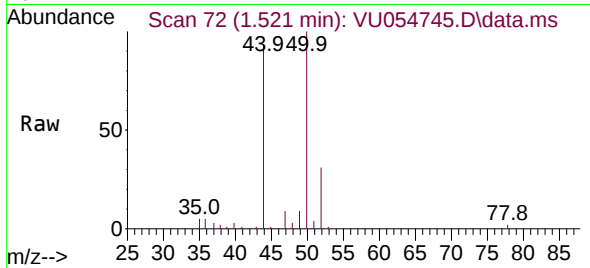




#3
Chloromethane
Concen: 0.580 ug/L
RT: 1.521 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054745.D
Acq: 03 Jul 2023 13:35

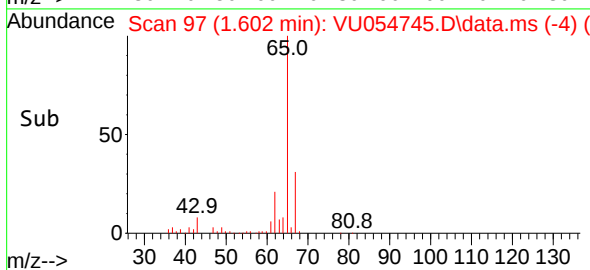
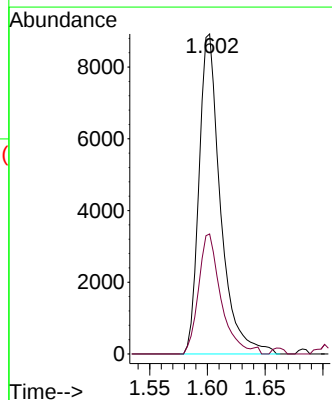
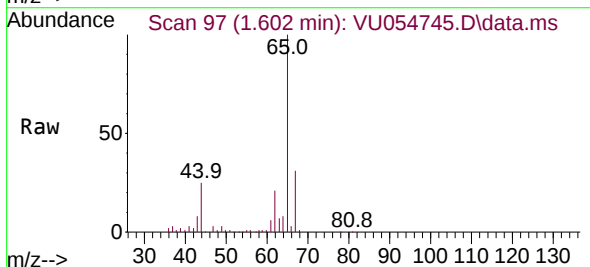
Instrument :
MSVOA_U
ClientSampleId :
H0FB3

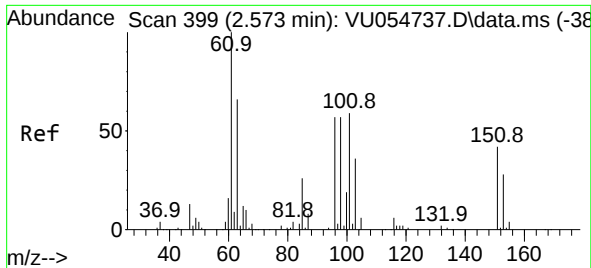
Tgt Ion: 50 Resp: 16500
Ion Ratio Lower Upper
50 100
52 30.8 23.4 43.4



#5
Vinyl chloride
Concen: 0.394 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU054745.D
Acq: 03 Jul 2023 13:35

Tgt Ion: 62 Resp: 11506
Ion Ratio Lower Upper
62 100
64 37.5 23.0 42.6





#12

1,1-Dichloroethene

Concen: 0.159 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

H0FB3

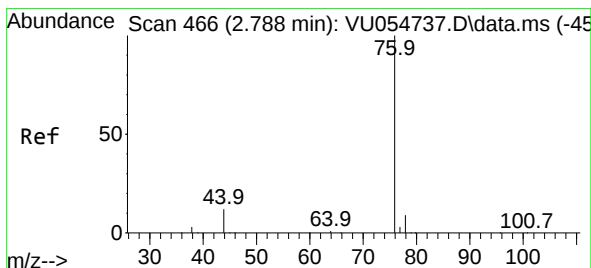
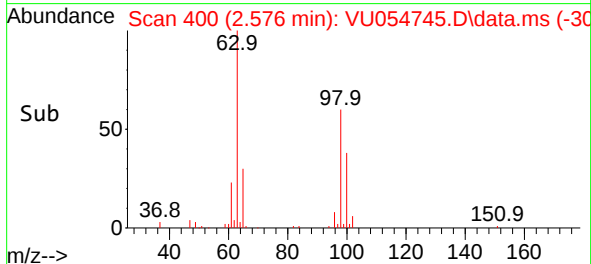
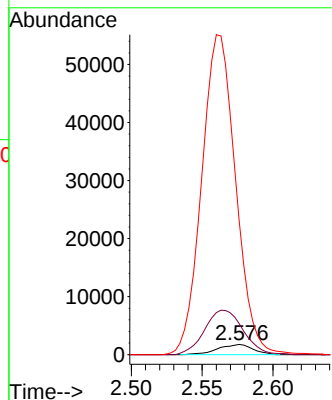
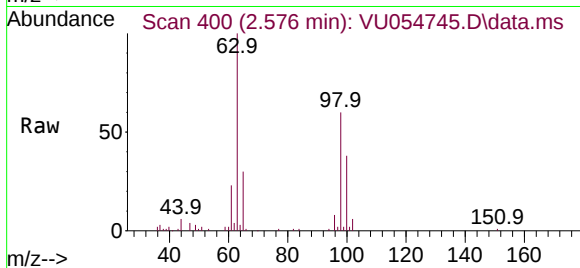
Tgt Ion: 96 Resp: 3052

Ion Ratio Lower Upper

96 100

61 305.1 119.9 222.7#

63 1320.2 64.3 119.3#



#14

Carbon disulfide

Concen: 0.708 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054745.D

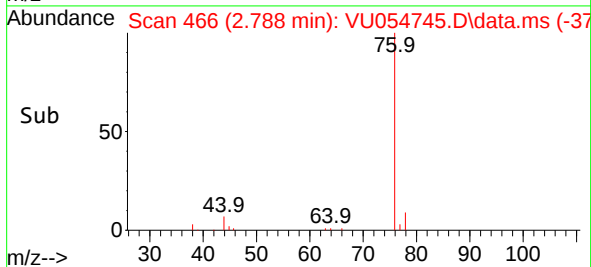
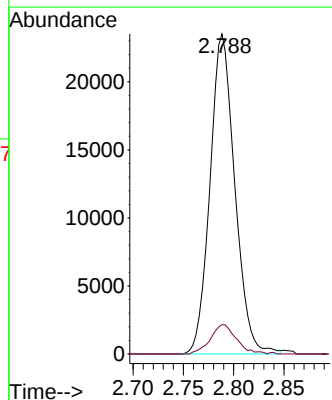
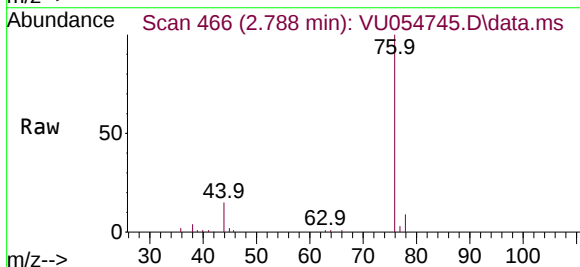
Acq: 03 Jul 2023 13:35

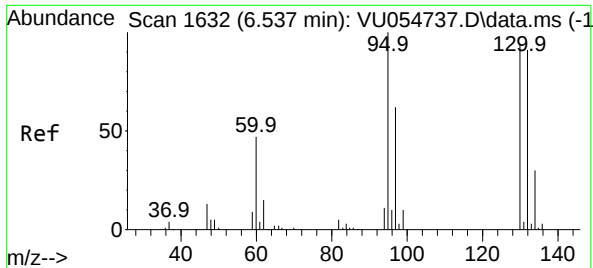
Tgt Ion: 76 Resp: 40379

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

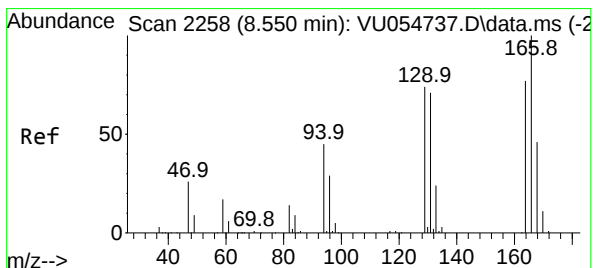
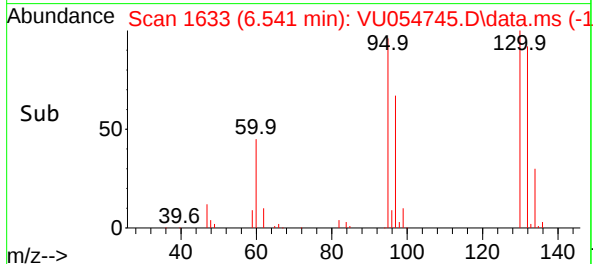
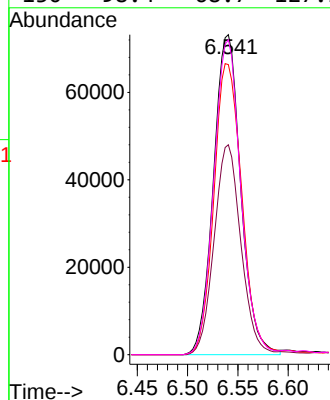
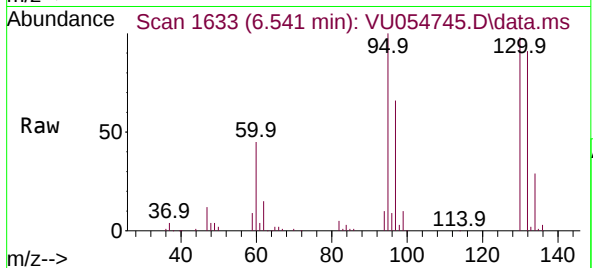




#34
 Trichloroethene
 Concen: 5.477 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU054745.D
 Acq: 03 Jul 2023 13:35

Instrument :
 MSVOA_U
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Tgt Ion: 95 Resp: 138187
 Ion Ratio Lower Upper
 95 100
 97 65.6 46.8 87.0
 132 90.7 68.4 127.0
 130 98.4 68.7 127.5



#47
 Tetrachloroethene
 Concen: 75.771 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. -0.000 min
 Lab File: VU054745.D
 Acq: 03 Jul 2023 13:35

Tgt Ion:164 Resp: 1463442
 Ion Ratio Lower Upper
 164 100
 129 97.2 67.7 125.7
 131 93.5 64.6 120.0
 166 127.1 88.1 163.7

