

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054746.D
 Acq On : 03 Jul 2023 14:00
 Operator : MD/SY
 Sample : 03495-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB4

Quant Time: Jul 05 04:42:15 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)

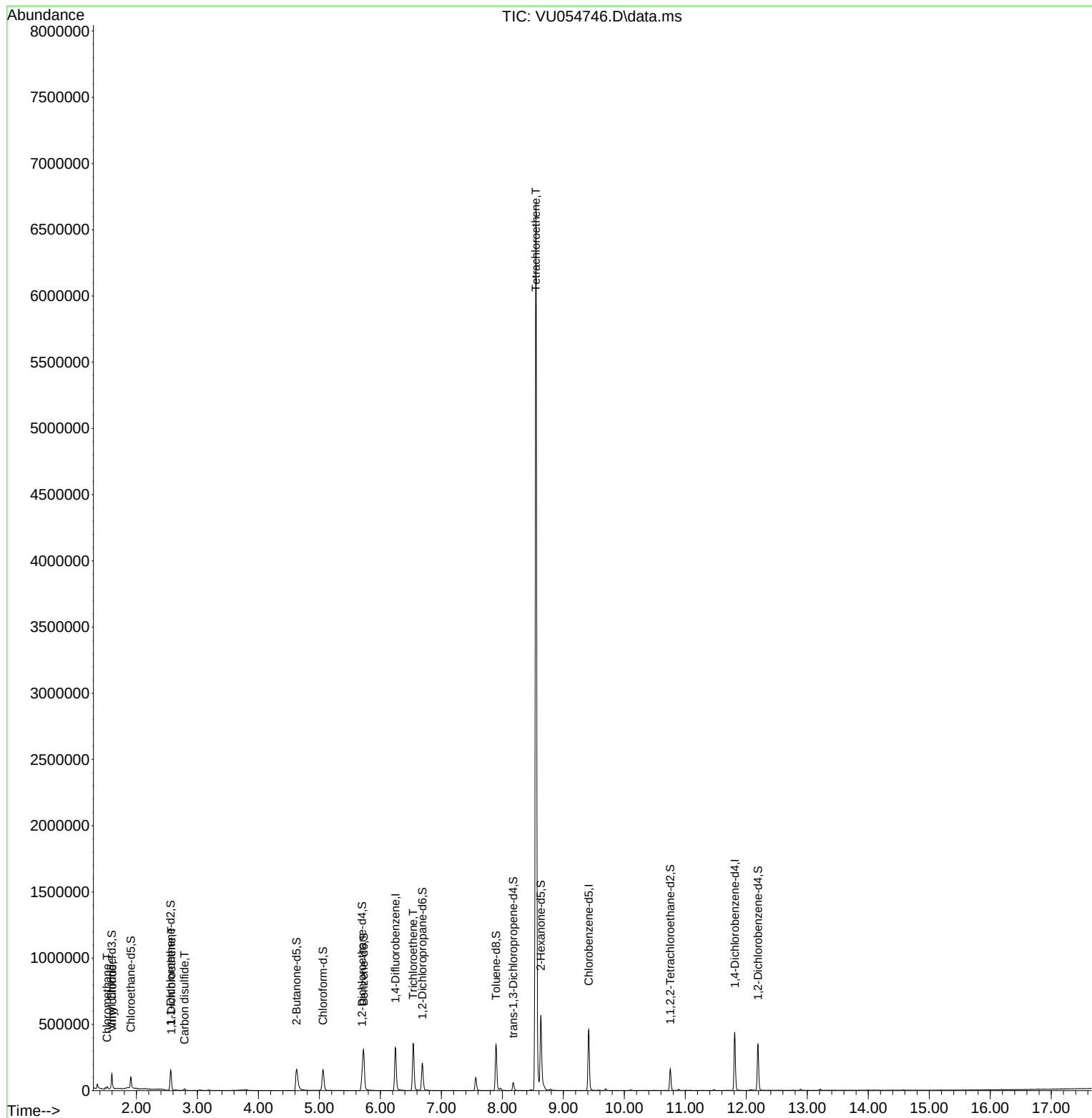
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70941	4.409	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.908	69	65542	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.560	65	29695	4.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.625	46	258398	57.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.240%
24) Chloroform-d	5.059	84	148218	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.699	65	80045	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	282559	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.689	67	99670	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.895	98	233424	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.178	79	36246	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	186360	54.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84392	4.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	91790	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	12784	0.471	ug/L	100
5) Vinyl chloride	1.602	62	12737	0.457	ug/L	89
12) 1,1-Dichloroethene	2.573	96	3305	0.180	ug/L #	1
14) Carbon disulfide	2.789	76	15168	0.279	ug/L	96
34) Trichloroethene	6.538	95	123024	5.128	ug/L	95
47) Tetrachloroethene	8.551	164	1486108	80.921	ug/L	99

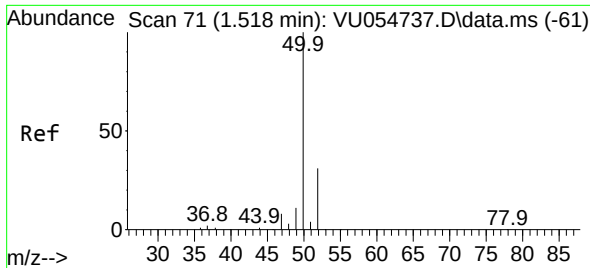
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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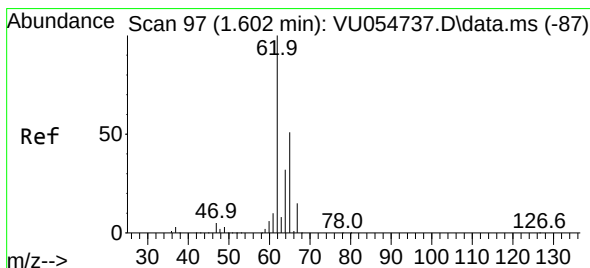
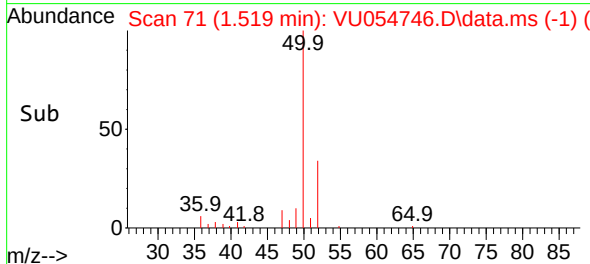
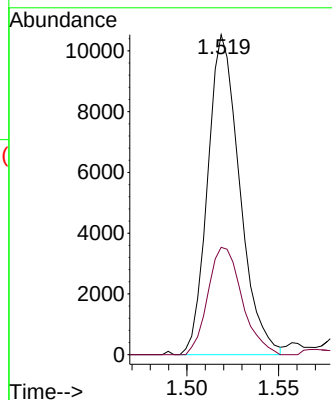
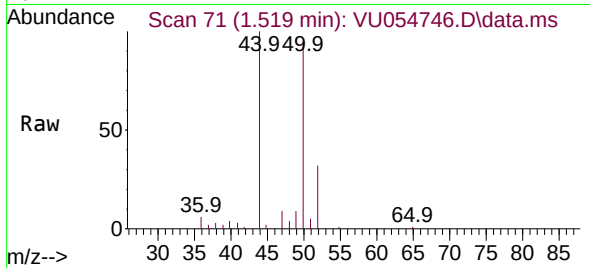




#3
Chloromethane
Concen: 0.471 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

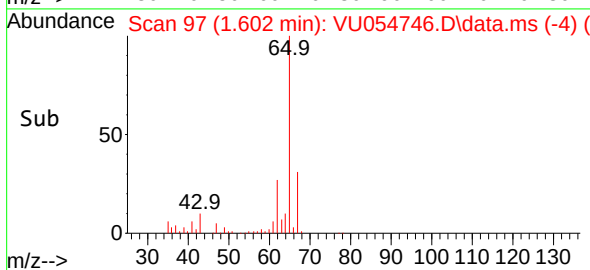
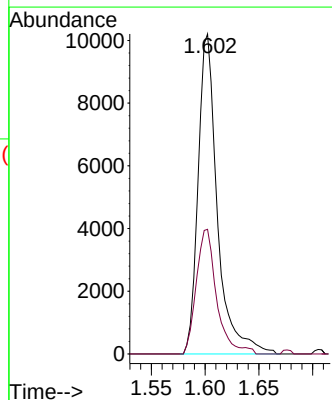
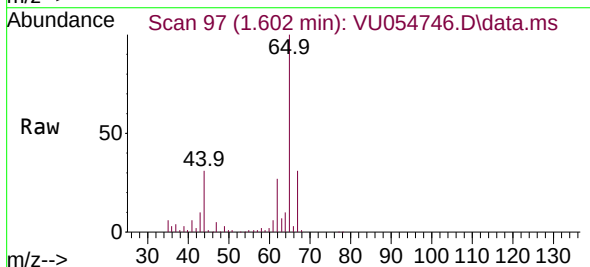
Instrument :
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H0FB4

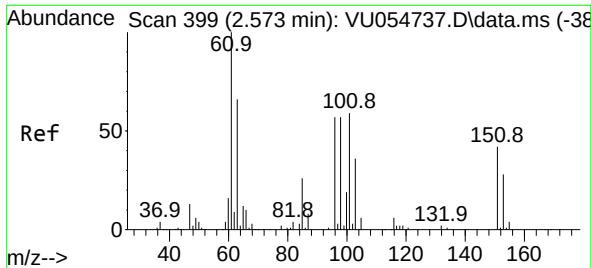
Tgt Ion: 50 Resp: 12784
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.4



#5
Vinyl chloride
Concen: 0.457 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 62 Resp: 12737
Ion Ratio Lower Upper
62 100
64 39.0 23.0 42.6

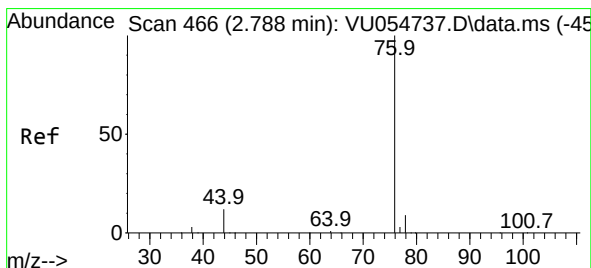
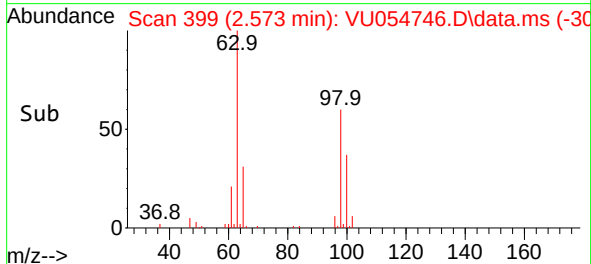
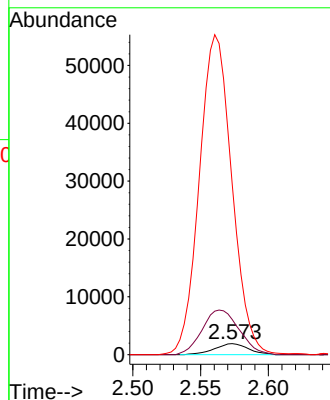
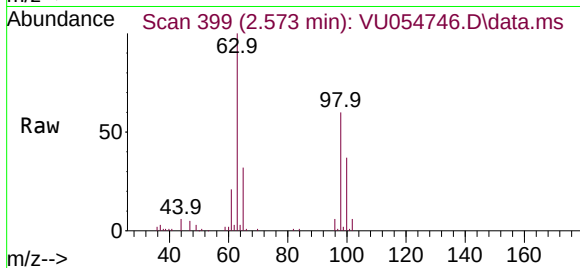




#12
1,1-Dichloroethene
Concen: 0.180 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

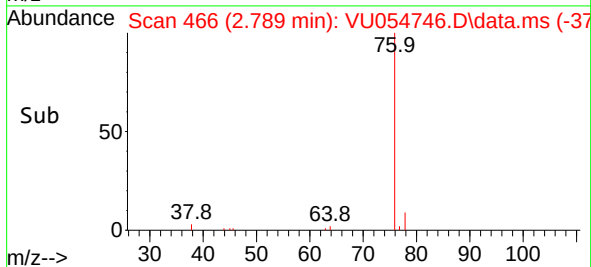
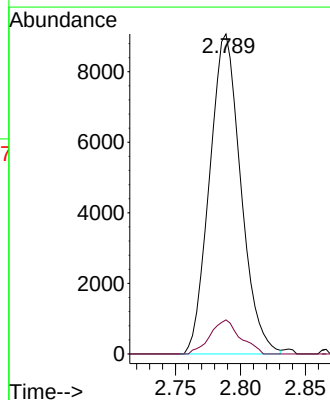
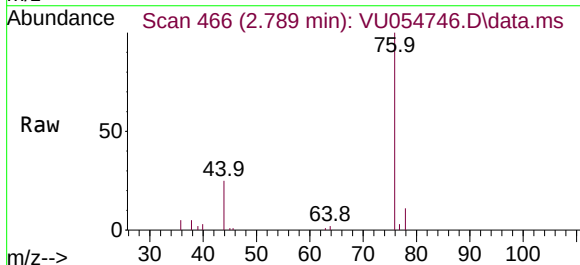
Instrument :
MSVOA_U
ClientSampleId :
H0FB4

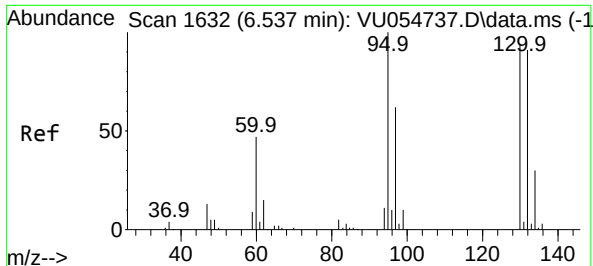
Tgt Ion: 96 Resp: 3305
Ion Ratio Lower Upper
96 100
61 318.6 119.9 222.7#
63 1544.3 64.3 119.3#



#14
Carbon disulfide
Concen: 0.279 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 76 Resp: 15168
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

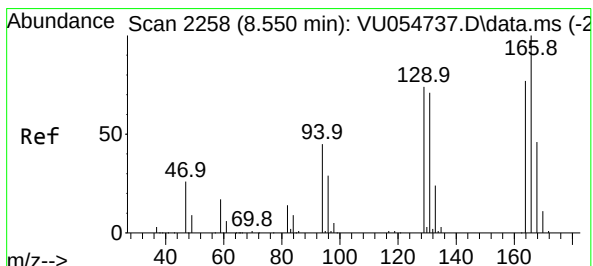
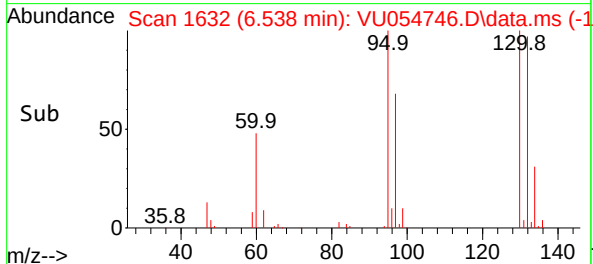
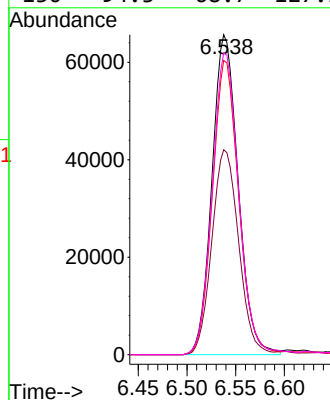
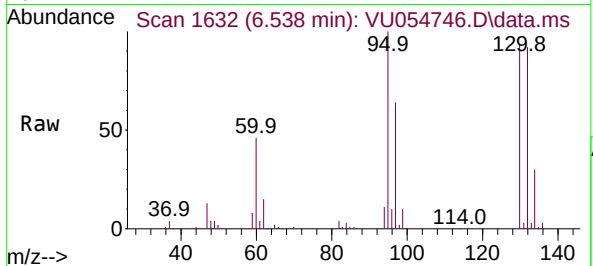




#34
Trichloroethene
Concen: 5.128 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
H0FB4

Tgt Ion: 95 Resp: 123024
Ion Ratio Lower Upper
95 100
97 64.0 46.8 87.0
132 91.9 68.4 127.0
130 94.3 68.7 127.5



#47
Tetrachloroethene
Concen: 80.921 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 164 Resp: 1486108
Ion Ratio Lower Upper
164 100
129 95.6 67.7 125.7
131 92.8 64.6 120.0
166 127.1 88.1 163.7

