

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062745.D
 Acq On : 14 Jan 2025 15:42
 Operator : MD/SY
 Sample : Q1057-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W2

Quant Time: Jan 15 00:36:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

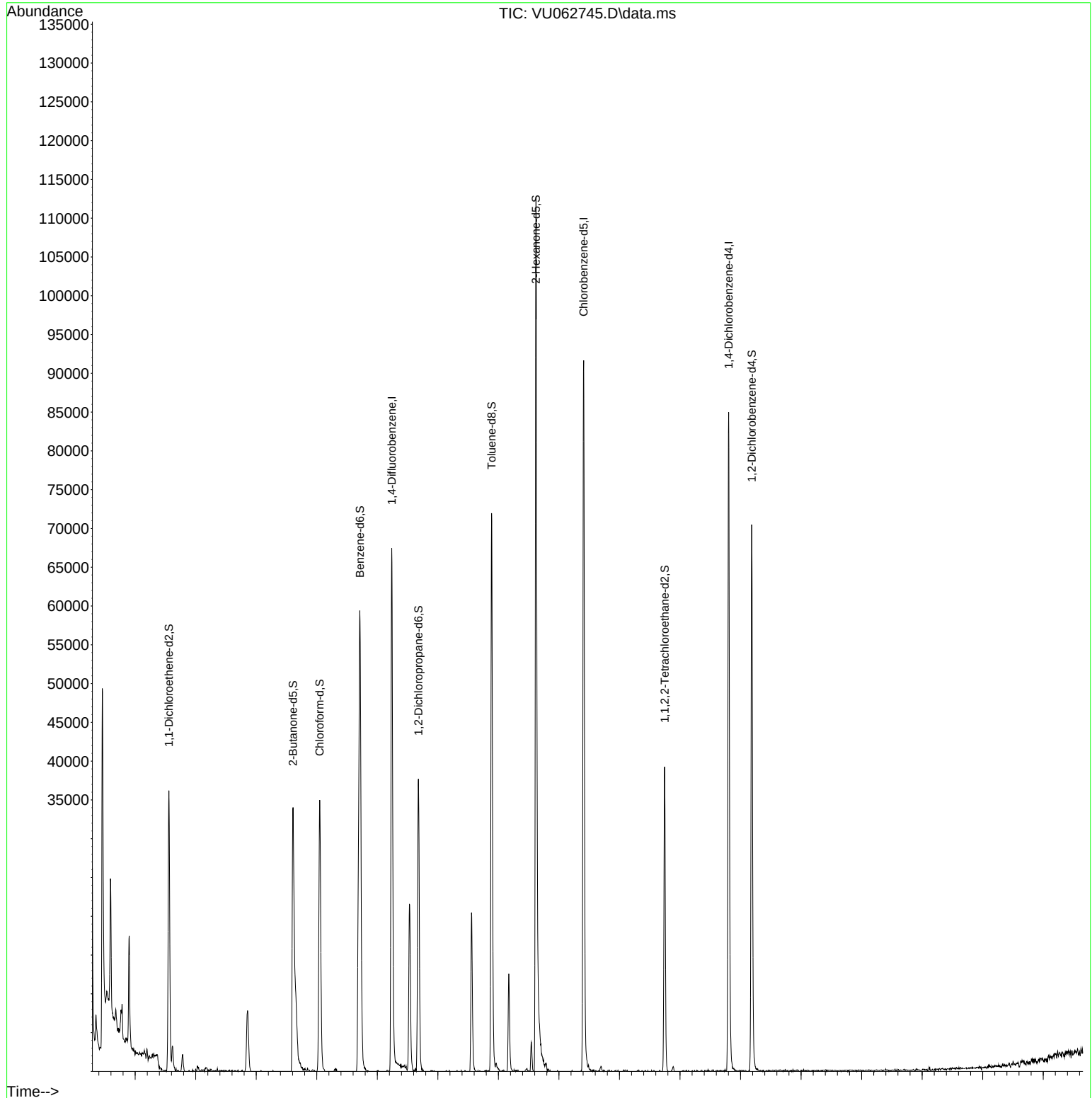
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	55451	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	52699	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	24996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11468	3.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.901	69	10134	4.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.557	65	6331	3.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.605	46	49901	79.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	159.000%#
24) Chloroform-d	5.049	84	33534	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.689	65	21920	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.714	84	56135	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	16816	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	50910	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.171	79	7754	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.621	63	38549	68.844	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.680%#
56) 1,1,2,2-Tetrachloroeth...	10.746	84	18660	6.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.800%#
66) 1,2-Dichlorobenzene-d4	12.187	152	19819	4.766	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2529	0.735	ug/L #	6
13) Acetone	2.618	43	4193	8.433	ug/L	85
14) Carbon disulfide	2.782	76	2929	0.266	ug/L	98
19) 1,1-Dichloroethane	3.859	63	9523	1.444	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	3349	0.834	ug/L	92
34) Trichloroethene	6.534	95	7969	1.541	ug/L	91

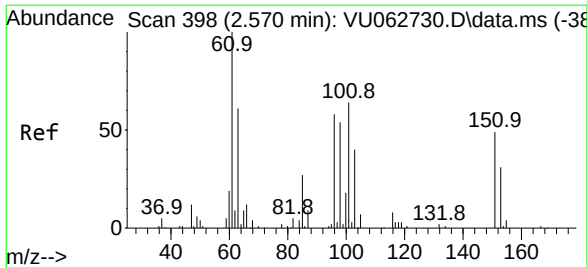
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
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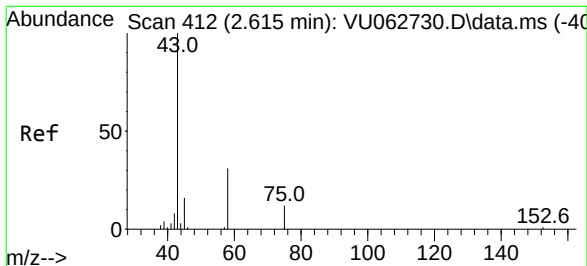
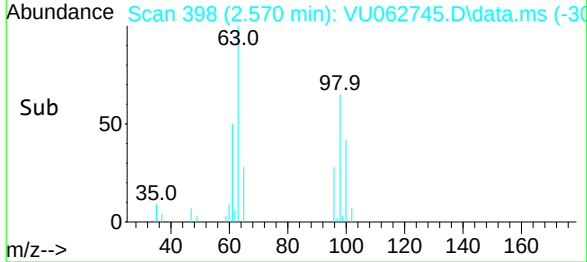
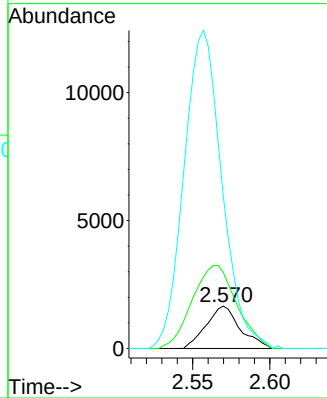
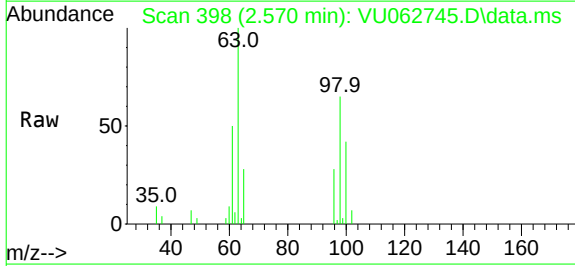




#12
1,1-Dichloroethene
Concen: 0.735 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062745.D
Acq: 14 Jan 2025 15:42

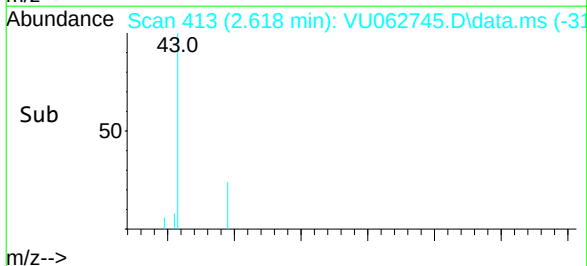
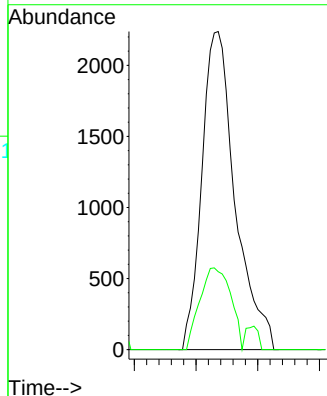
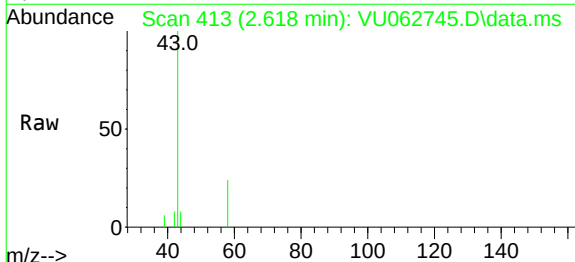
Instrument :
MSVOA_U
ClientSampleId :
BH8W2

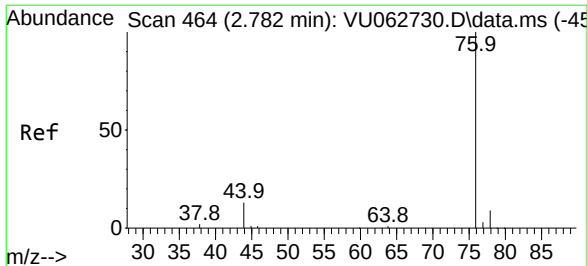
Tgt Ion: 96 Resp: 2529
Ion Ratio Lower Upper
96 100
61 179.7 120.4 223.6
63 361.8 82.3 152.9#



#13
Acetone
Concen: 8.433 ug/L
RT: 2.618 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU062745.D
Acq: 14 Jan 2025 15:42

Tgt Ion: 43 Resp: 4193
Ion Ratio Lower Upper
43 100
58 23.8 0.0 64.4





#14

Carbon disulfide

Concen: 0.266 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU062745.D

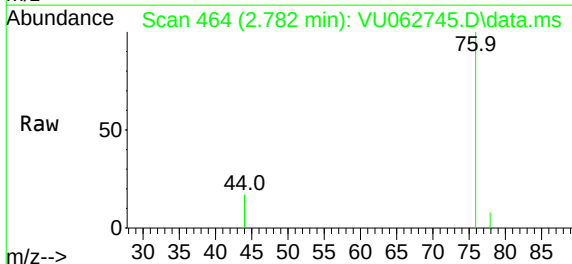
Acq: 14 Jan 2025 15:42

Instrument :

MSVOA_U

ClientSampleId :

BH8W2

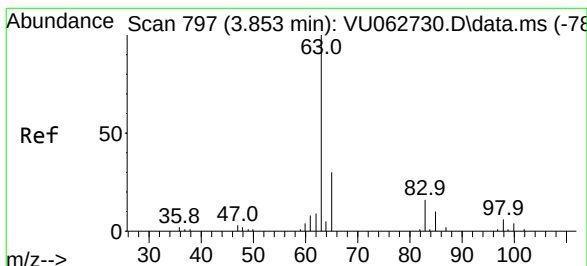
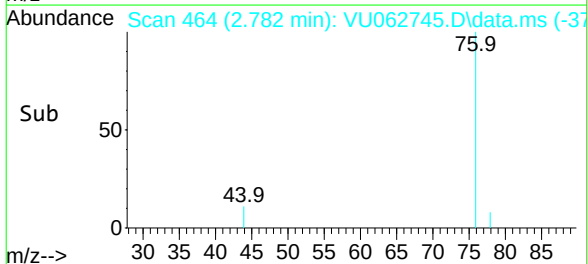
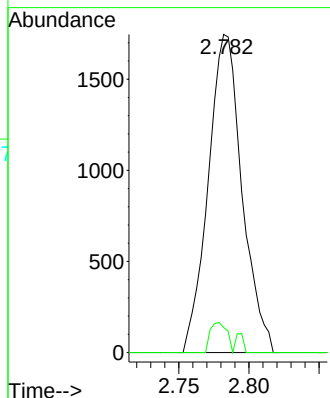


Tgt Ion: 76 Resp: 2929

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.6



#19

1,1-Dichloroethane

Concen: 1.444 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.006 min

Lab File: VU062745.D

Acq: 14 Jan 2025 15:42

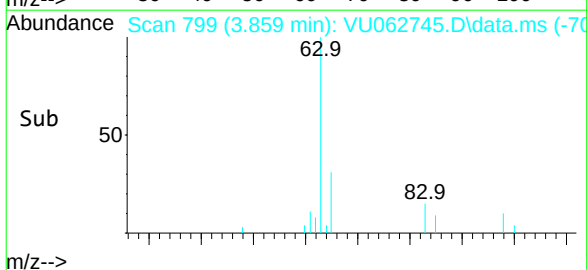
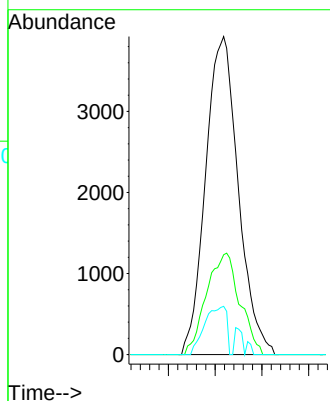
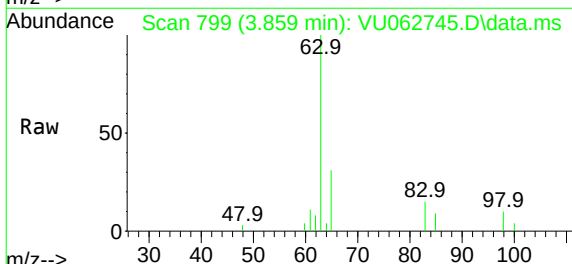
Tgt Ion: 63 Resp: 9523

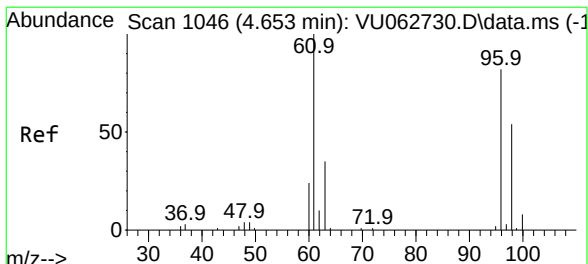
Ion Ratio Lower Upper

63 100

65 31.4 20.7 38.5

83 15.2 10.5 19.5

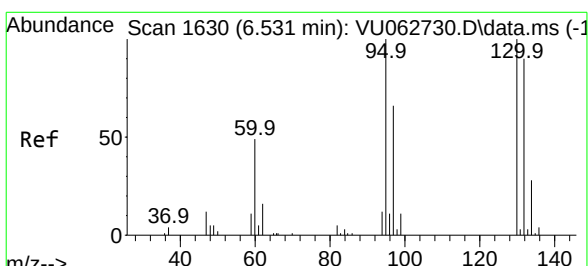
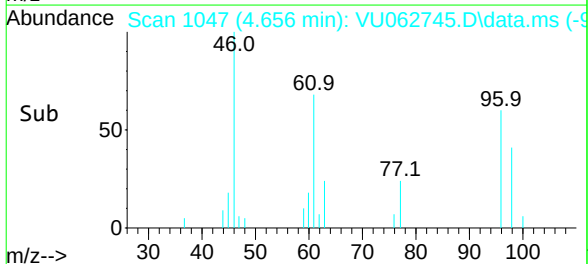
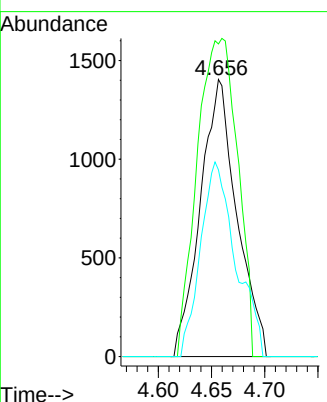
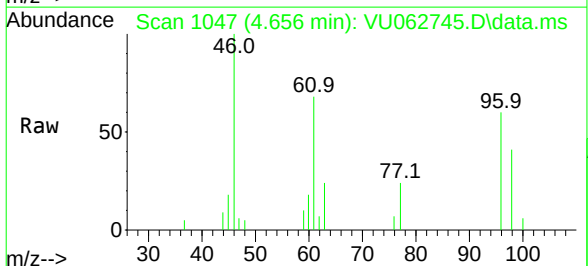




#22
 cis-1,2-Dichloroethene
 Concen: 0.834 ug/L
 RT: 4.656 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU062745.D
 Acq: 14 Jan 2025 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W2

Tgt Ion:	96	Resp:	3349
Ion	Ratio	Lower	Upper
96	100		
61	112.8	84.8	157.6
98	67.4	43.1	80.1



#34
 Trichloroethene
 Concen: 1.541 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062745.D
 Acq: 14 Jan 2025 15:42

Tgt Ion:	95	Resp:	7969
Ion	Ratio	Lower	Upper
95	100		
97	62.0	47.5	88.3
132	82.3	66.9	124.3
130	91.3	68.6	127.4

