

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062822.D
 Acq On : 16 Jan 2025 16:08
 Operator : MD/SY
 Sample : Q1057-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W8

Quant Time: Jan 16 22:07:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

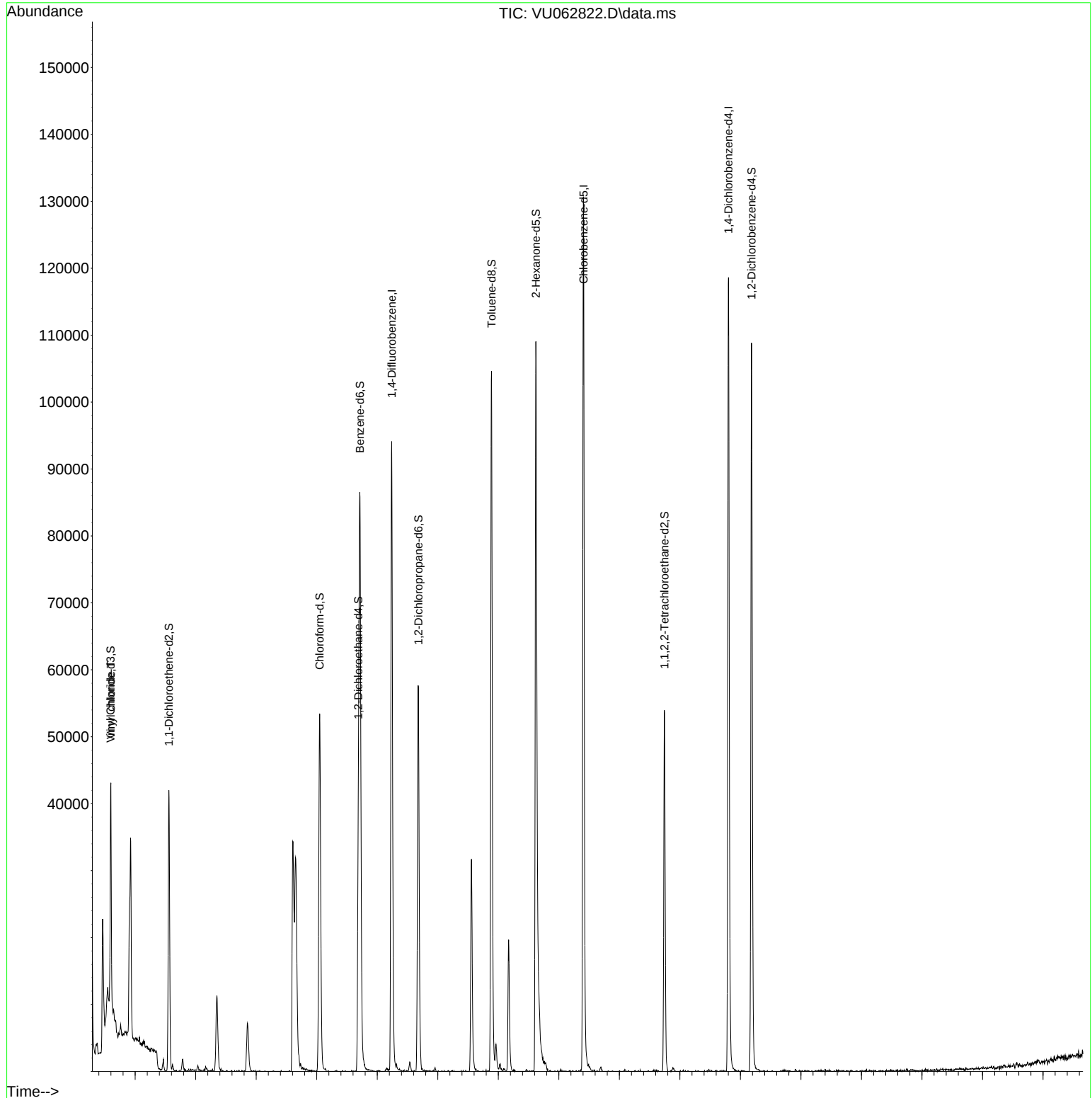
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	79428	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13151	2.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.904	69	13104	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.557	65	7945	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.605	46	48584	54.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.080%
24) Chloroform-d	5.049	84	52619	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.689	65	31133	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.714	84	82399	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.679	67	25056	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.888	98	73474	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.171	79	12387	4.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.621	63	41498	51.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24257	5.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	31162	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
5) Vinyl chloride	1.599	62	10559	1.847	ug/L	8
8) Chloroethane	1.927	64	18078	5.262	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	12344	0.911	ug/L	99
19) 1,1-Dichloroethane	3.856	63	8499	0.900	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	16140	2.806	ug/L	99

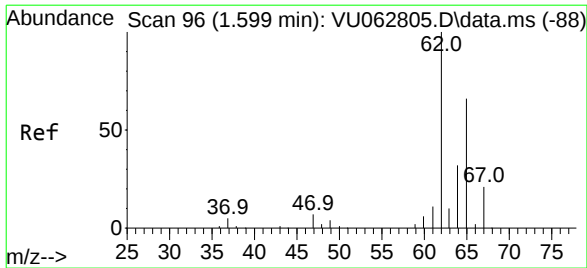
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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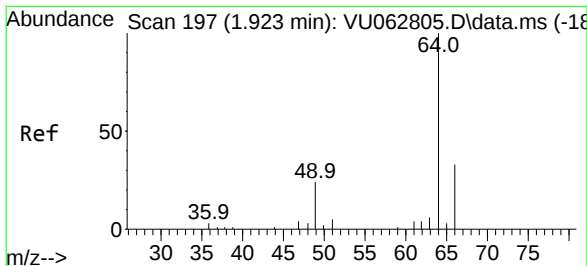
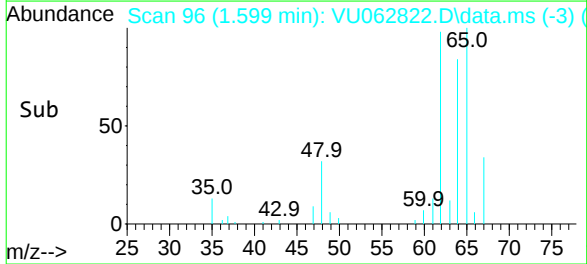
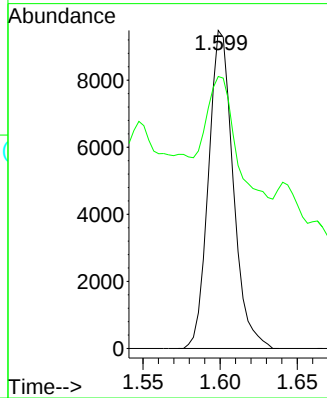
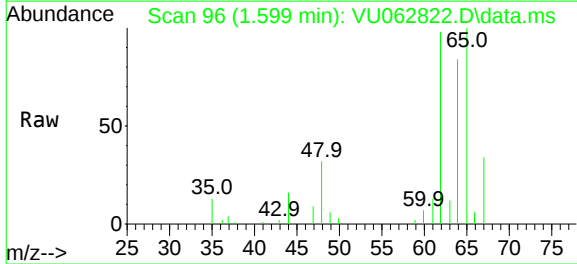




Vinyl chloride
 Concen: 1.847 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062822.D
 Acq: 16 Jan 2025 16:08

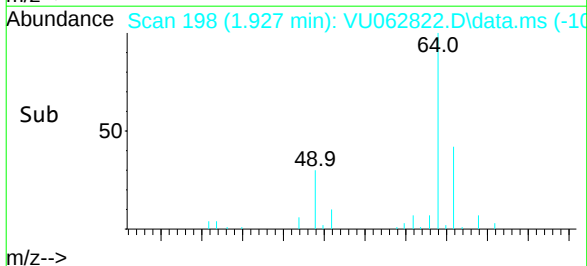
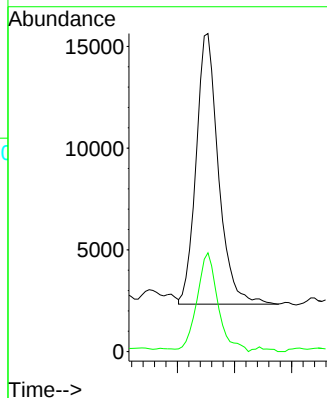
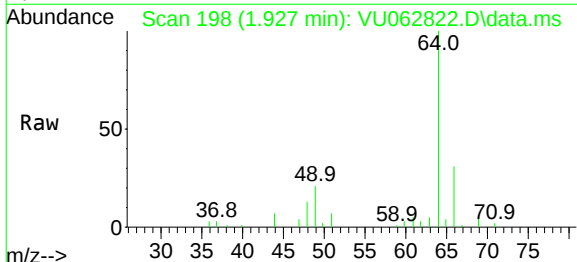
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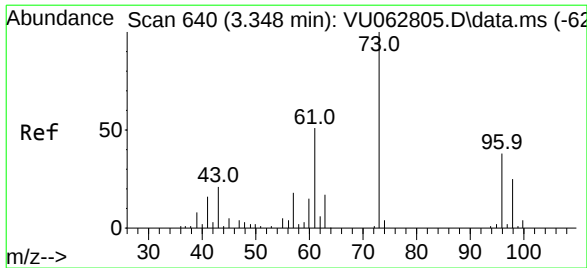
Tgt Ion: 62 Resp: 10559
 Ion Ratio Lower Upper
 62 100
 64 85.5 23.4 43.4#



Chloroethane
 Concen: 5.262 ug/L
 RT: 1.927 min Scan# 198
 Delta R.T. 0.003 min
 Lab File: VU062822.D
 Acq: 16 Jan 2025 16:08

Tgt Ion: 64 Resp: 18078
 Ion Ratio Lower Upper
 64 100
 66 31.1 21.6 40.2

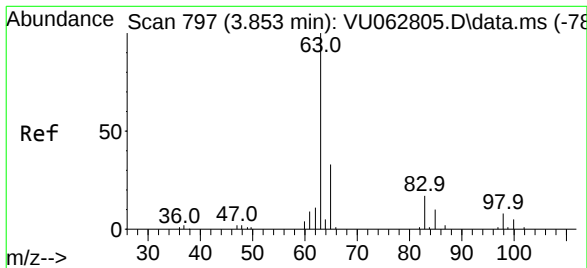
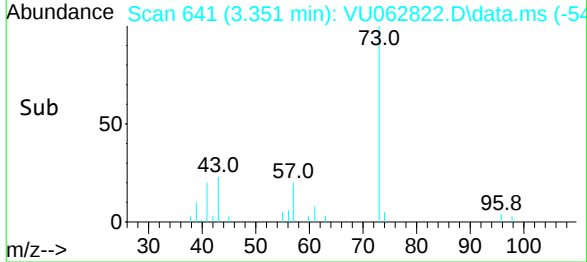
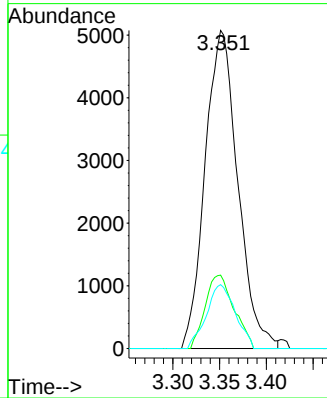
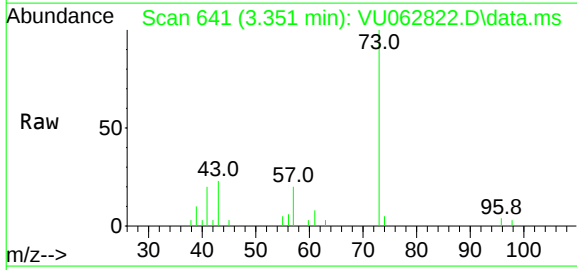




#17
Methyl tert-butyl Ether
Concen: 0.911 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062822.D
Acq: 16 Jan 2025 16:08

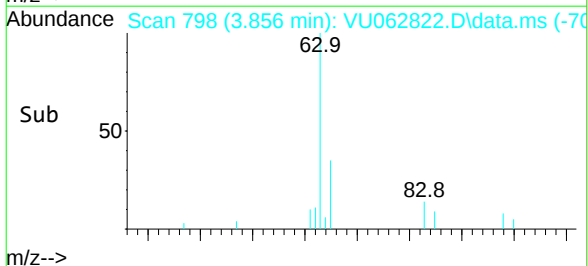
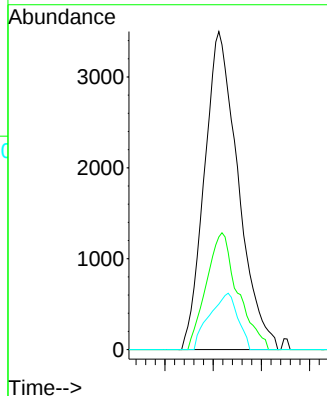
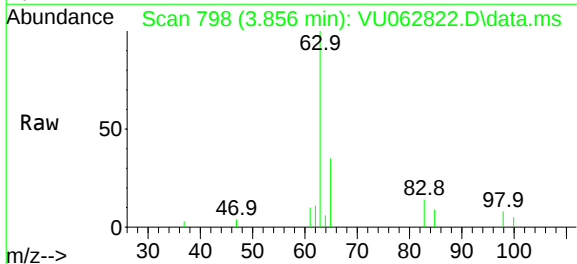
Instrument :
MSVOA_U
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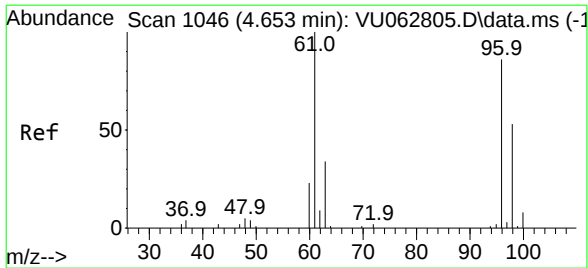
Tgt Ion:	73	Resp:	12344
Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.4
57	17.8	14.6	22.0



#19
1,1-Dichloroethane
Concen: 0.900 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062822.D
Acq: 16 Jan 2025 16:08

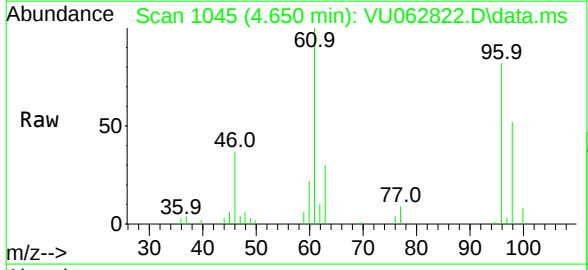
Tgt Ion:	63	Resp:	8499
Ion	Ratio	Lower	Upper
63	100		
65	35.4	20.7	38.5
83	14.3	10.5	19.5





cis-1,2-Dichloroethene
 Concen: 2.806 ug/L
 RT: 4.650 min Scan# 10
 Delta R.T. -0.003 min
 Lab File: VU062822.D
 Acq: 16 Jan 2025 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W8



Tgt Ion:	96	Resp:	16140
Ion	Ratio	Lower	Upper
96	100		
61	121.4	84.8	157.6
98	63.2	43.1	80.1

