

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062814.D
 Acq On : 16 Jan 2025 12:58
 Operator : MD/SY
 Sample : Q1059-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:05:48 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)

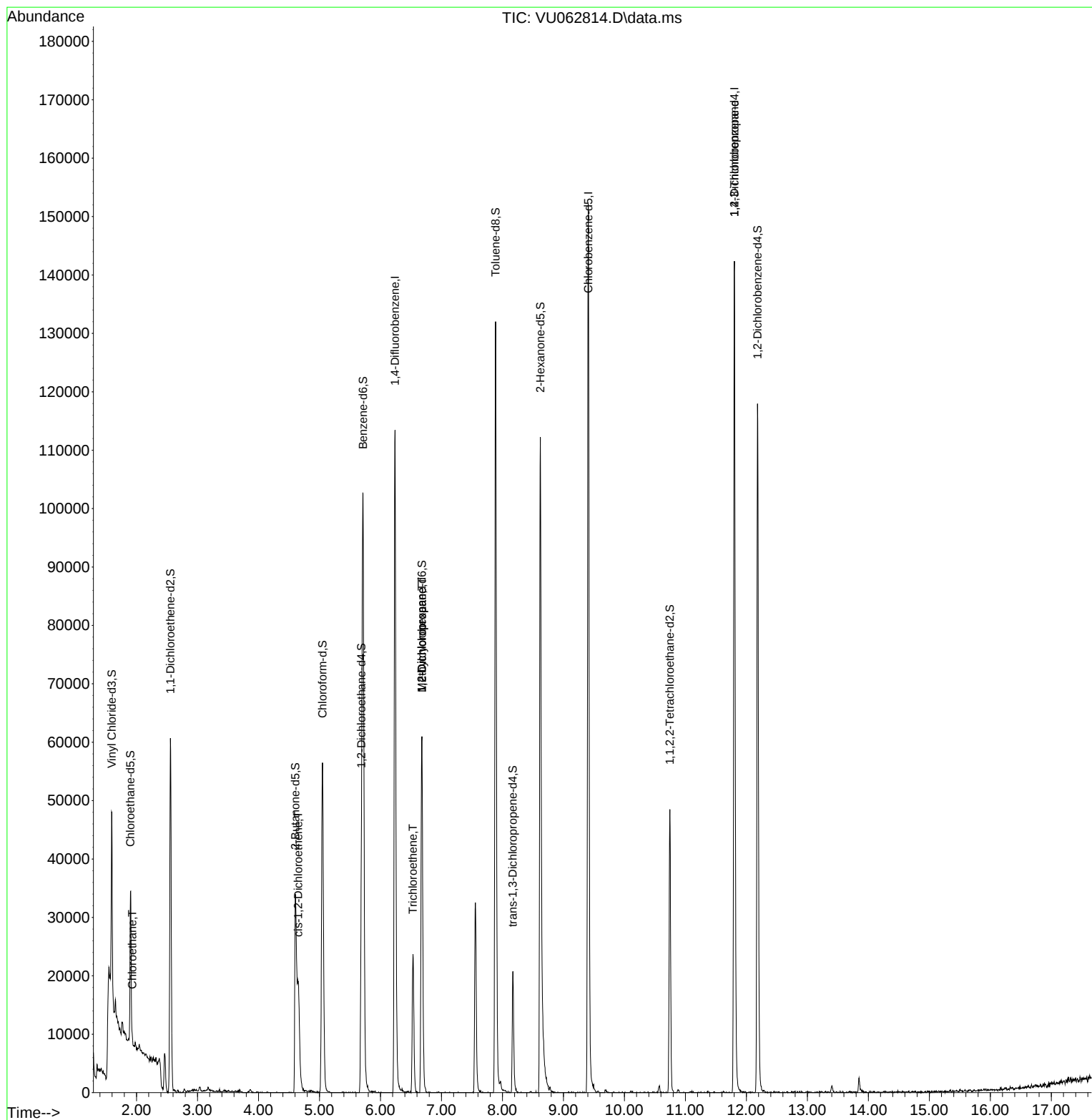
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22201	4.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.901	69	18278	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.557	65	11514	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.605	46	48753	46.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.700%
24) Chloroform-d	5.049	84	55263	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.689	65	32774	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.714	84	96995	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.679	67	26888	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.888	98	92321	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.171	79	13084	4.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.621	63	39574	41.864	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23101	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	34291	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	686	0.171	ug/L #	55
22) cis-1,2-Dichloroethene	4.653	96	8830	1.312	ug/L	97
34) Trichloroethene	6.531	95	8545	0.979	ug/L	97
35) Methylcyclohexane	6.679	83	7525	0.700	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3533	0.586	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3921	1.026	ug/L #	62

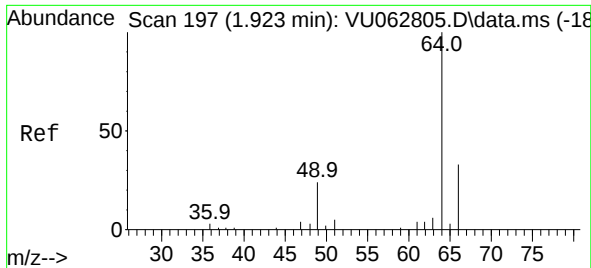
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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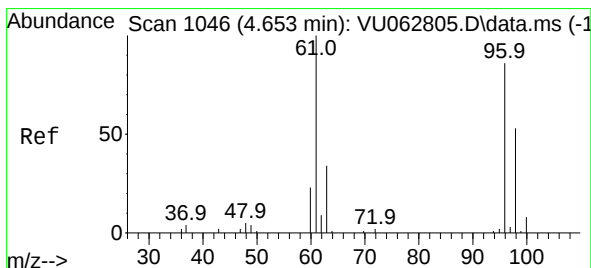
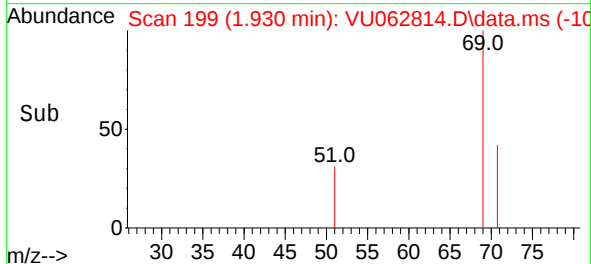
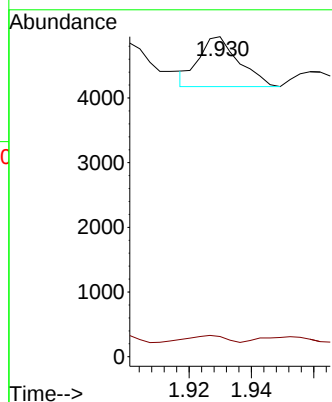
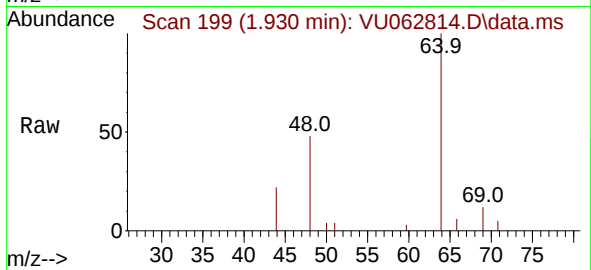




#8
Chloroethane
Concen: 0.171 ug/L
RT: 1.930 min Scan# 197
Delta R.T. 0.007 min
Lab File: VU062814.D
Acq: 16 Jan 2025 12:58

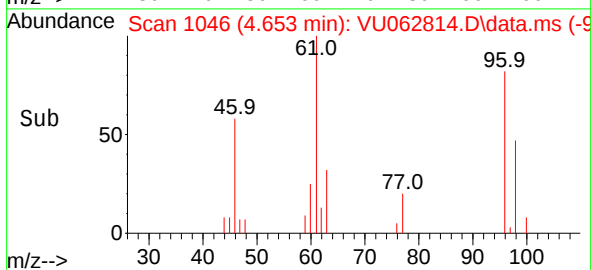
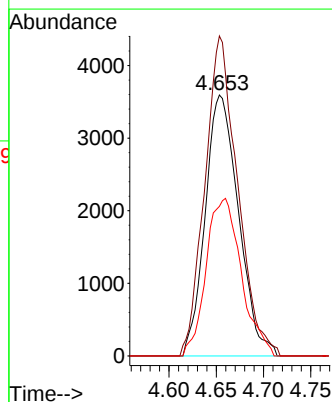
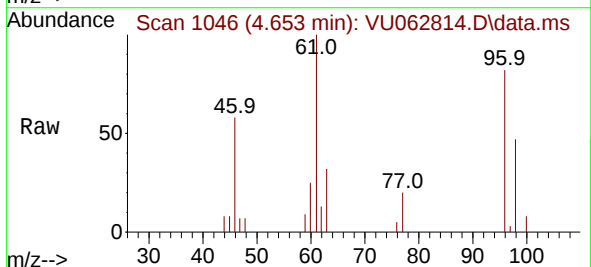
Instrument :
MSVOA_U
ClientSampleId :

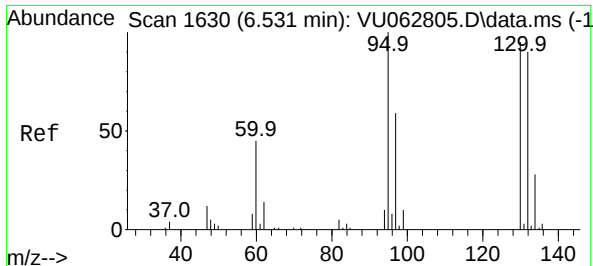
Tgt Ion: 64 Resp: 686
Ion Ratio Lower Upper
64 100
66 6.3 21.6 40.2#



#22
cis-1,2-Dichloroethene
Concen: 1.312 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062814.D
Acq: 16 Jan 2025 12:58

Tgt Ion: 96 Resp: 8830
Ion Ratio Lower Upper
96 100
61 122.7 84.8 157.6
98 57.4 43.1 80.1





#34

Trichloroethene

Concen: 0.979 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062814.D

Acq: 16 Jan 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 8545

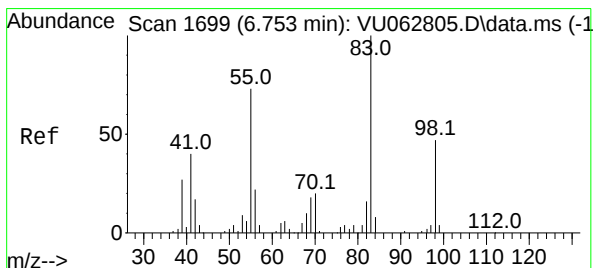
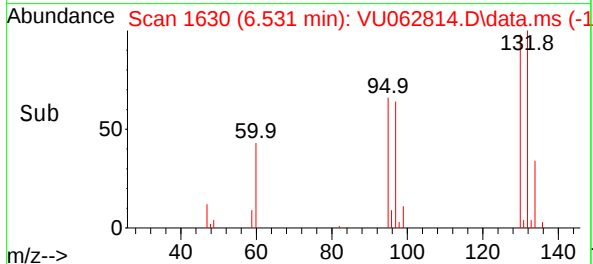
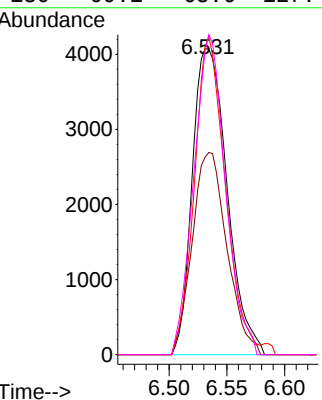
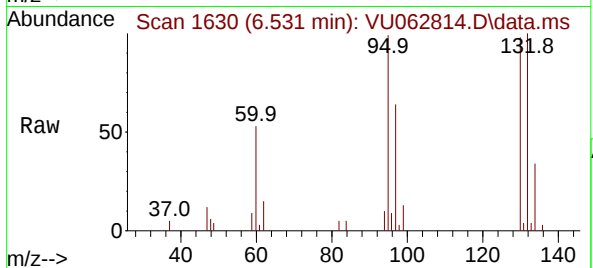
Ion Ratio Lower Upper

95 100

97 64.4 47.5 88.3

132 100.6 66.9 124.3

130 99.1 68.6 127.4



#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062814.D

Acq: 16 Jan 2025 12:58

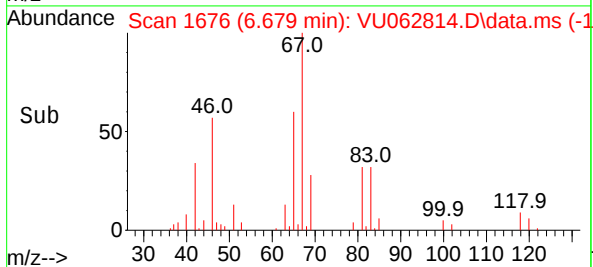
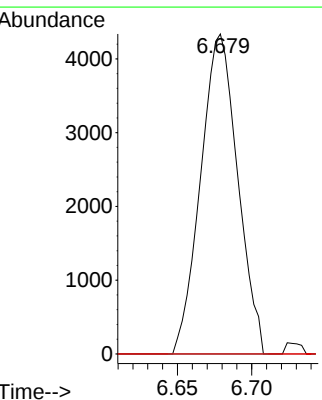
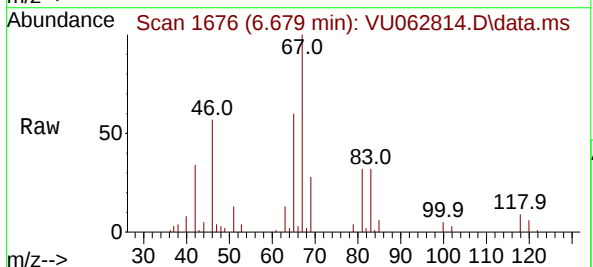
Tgt Ion: 83 Resp: 7525

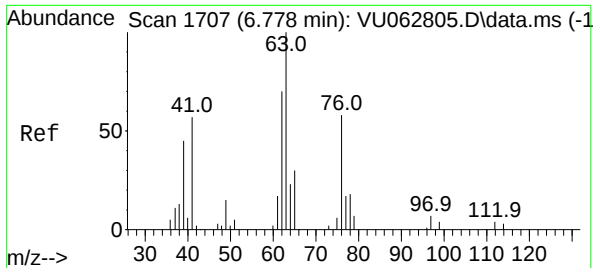
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.7 36.6 55.0#

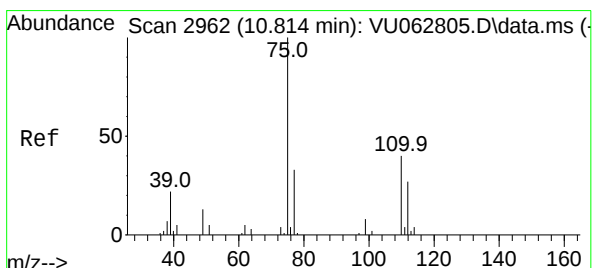
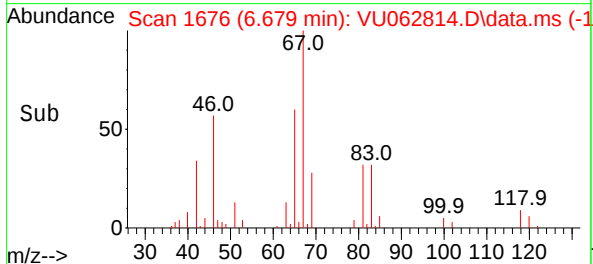
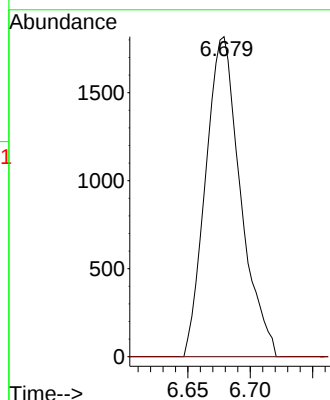
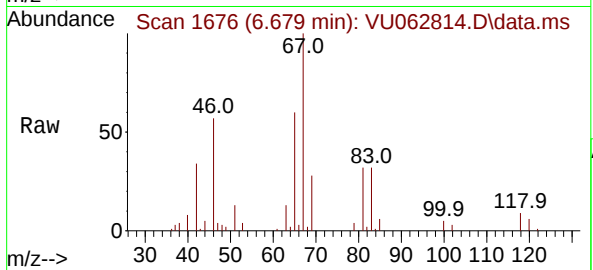




#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU062814.D
Acq: 16 Jan 2025 12:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3533
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.026 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062814.D
Acq: 16 Jan 2025 12:58

Tgt Ion: 75 Resp: 3921
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 33.0 25.9 38.9

