

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062789.D
 Acq On : 16 Jan 2025 01:14
 Operator : MD/SY
 Sample : P1071-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

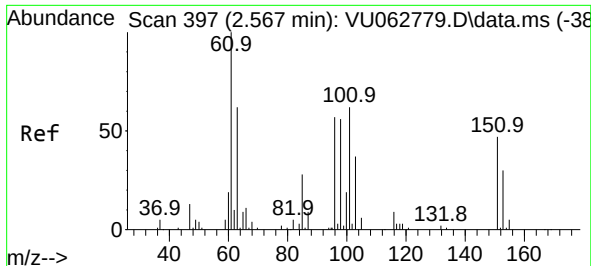
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 02:10:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95715	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	14955	2.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.901	69	15135	3.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.557	65	8961	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.605	46	61523	56.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.560%
24) Chloroform-d	5.049	84	59321	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.689	65	34113	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.714	84	93779	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.679	67	28441	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.888	98	83242	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.171	79	14297	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.621	63	49426	52.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26404	5.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	34101	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	26430	4.448	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	98930	6.058	ug/L	100
19) 1,1-Dichloroethane	3.856	63	74665	6.560	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	44938	6.482	ug/L	96
34) Trichloroethene	6.534	95	3697	0.426	ug/L	96
35) Methylcyclohexane	6.679	83	7558	0.707	ug/L	# 21
37) 1,2-Dichloropropane	6.682	63	3730	0.622	ug/L	# 85
61) 1,2,3-Trichloropropane	11.801	75	4137	1.080	ug/L	# 60

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



#12

1,1-Dichloroethene

Concen: 4.448 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

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ClientSampleId :

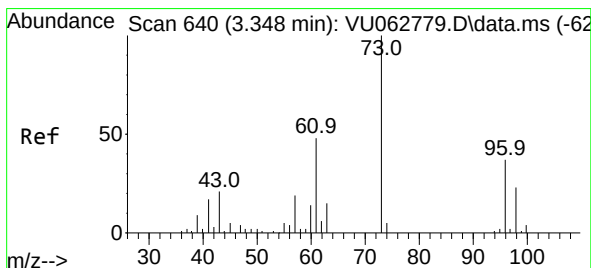
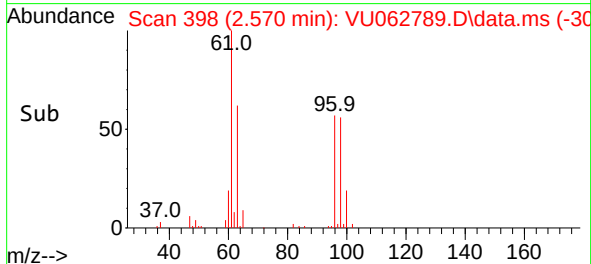
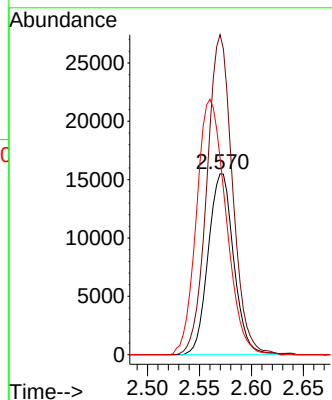
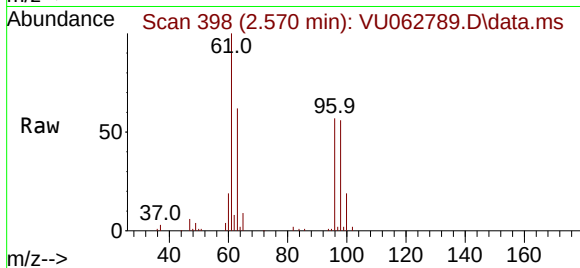
Tgt Ion: 96 Resp: 26430

Ion Ratio Lower Upper

96 100

61 176.8 120.4 223.6

63 109.0 82.3 152.9



#17

Methyl tert-butyl Ether

Concen: 6.058 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU062789.D

Acq: 16 Jan 2025 01:14

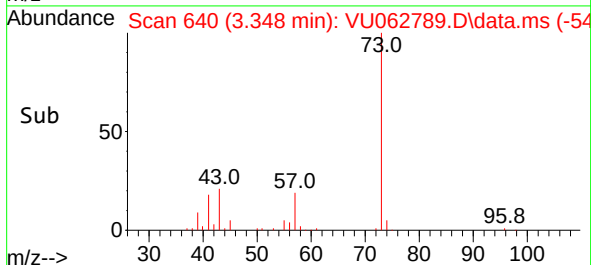
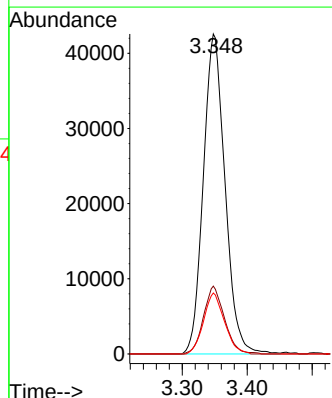
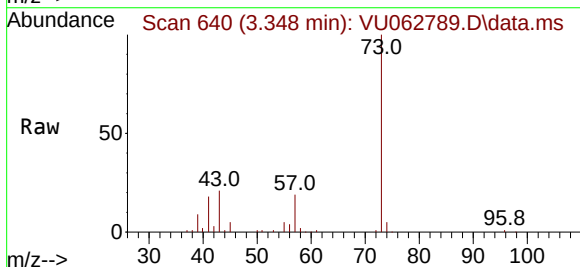
Tgt Ion: 73 Resp: 98930

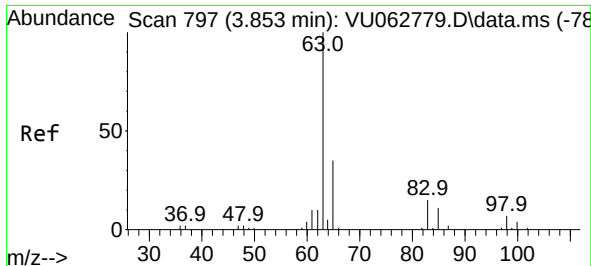
Ion Ratio Lower Upper

73 100

43 20.4 16.2 24.4

57 18.3 14.6 22.0





#19

1,1-Dichloroethane

Concen: 6.560 ug/L

RT: 3.856 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU062789.D

Acq: 16 Jan 2025 01:14

Instrument :

MSVOA_U

ClientSampleId :

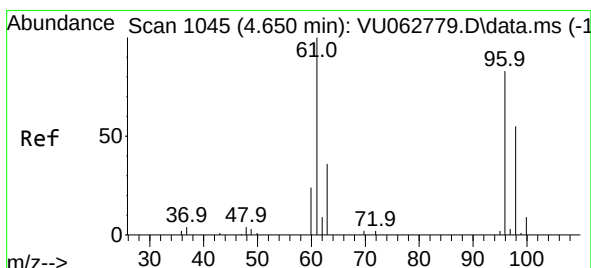
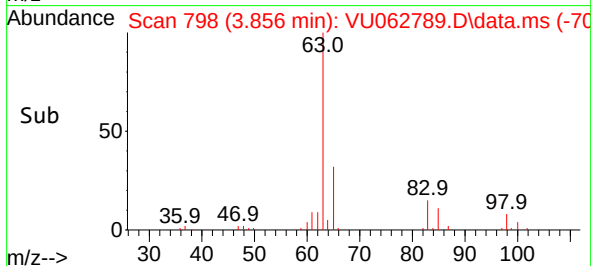
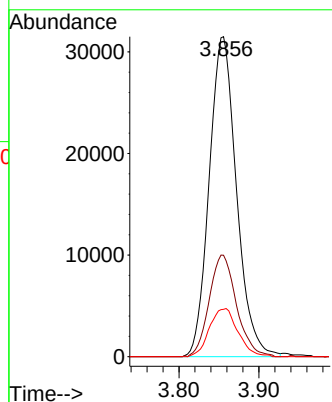
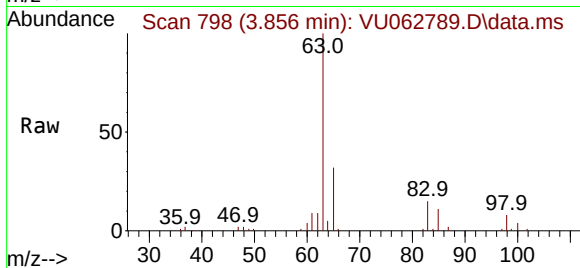
Tgt Ion: 63 Resp: 74665

Ion Ratio Lower Upper

63 100

65 31.7 20.7 38.5

83 14.8 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 6.482 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU062789.D

Acq: 16 Jan 2025 01:14

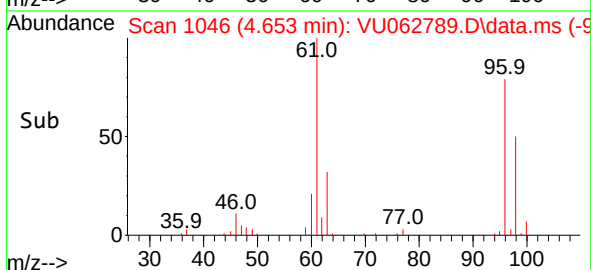
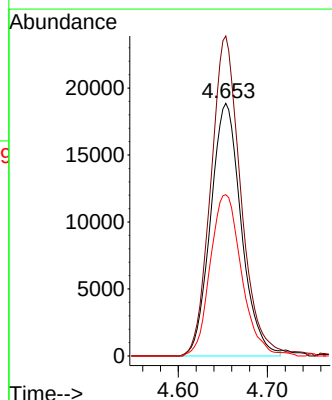
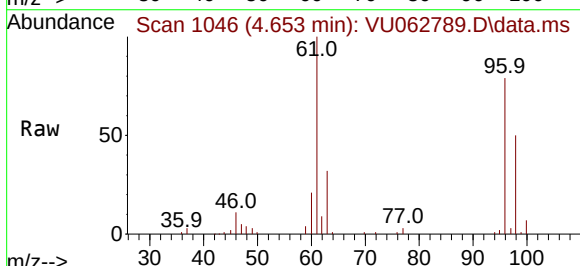
Tgt Ion: 96 Resp: 44938

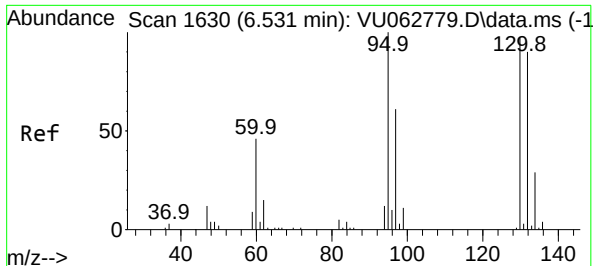
Ion Ratio Lower Upper

96 100

61 126.6 84.8 157.6

98 63.8 43.1 80.1



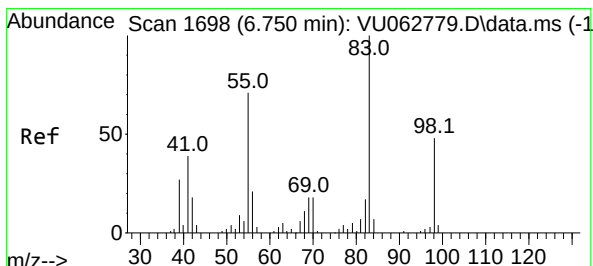
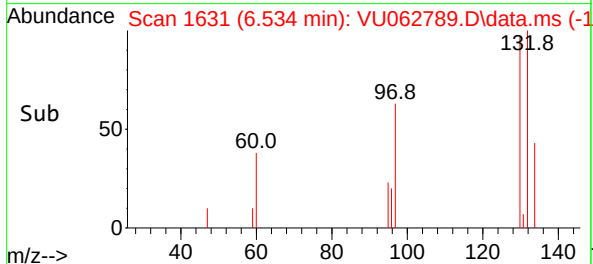
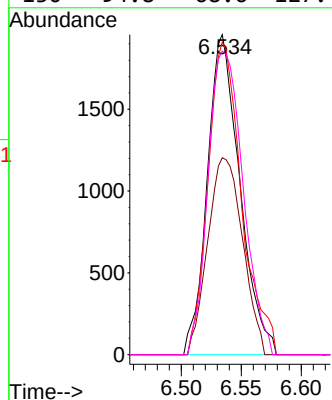
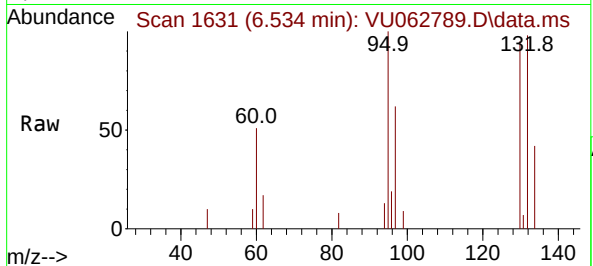


#34
Trichloroethene
Concen: 0.426 ug/L
RT: 6.534 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU062789.D
Acq: 16 Jan 2025 01:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3697

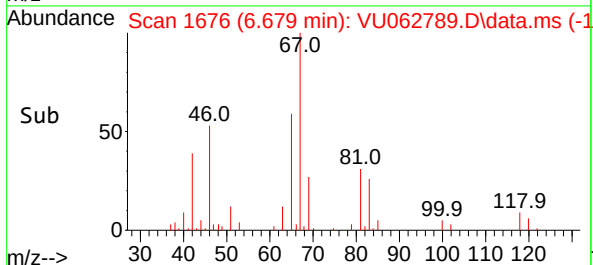
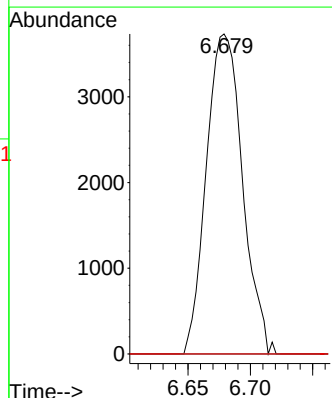
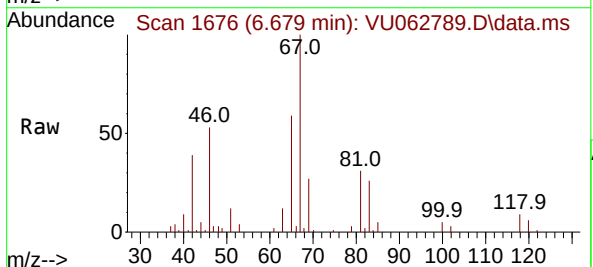
Ion	Ratio	Lower	Upper
95	100		
97	61.6	47.5	88.3
132	97.7	66.9	124.3
130	94.8	68.6	127.4

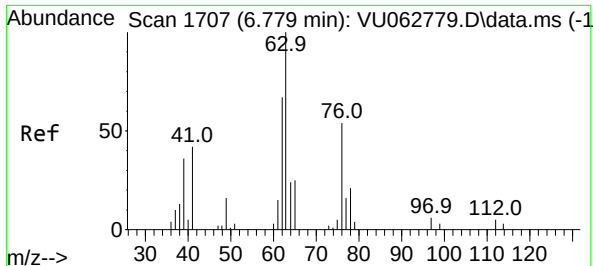


#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062789.D
Acq: 16 Jan 2025 01:14

Tgt Ion: 83 Resp: 7558

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.6	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU062789.D

Acq: 16 Jan 2025 01:14

Instrument :

MSVOA_U

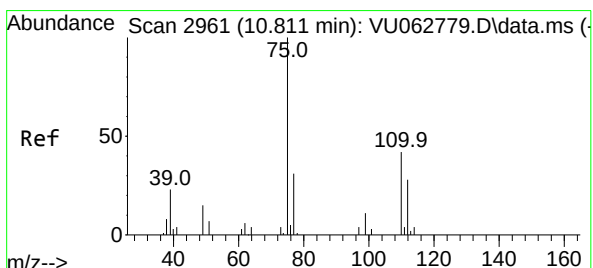
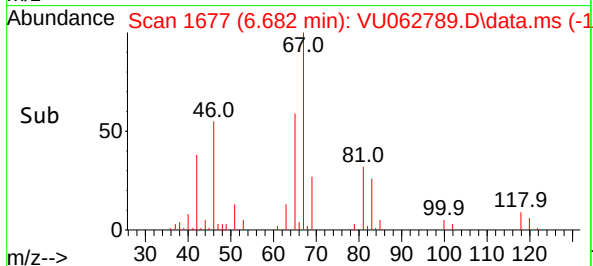
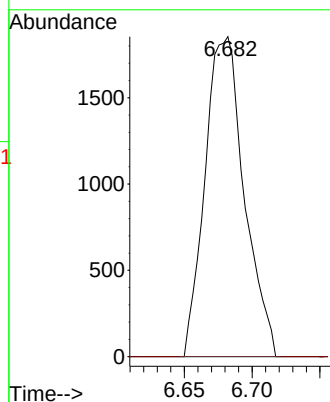
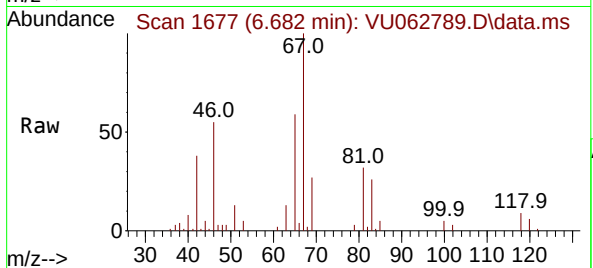
ClientSampleId :

Tgt Ion: 63 Resp: 3730

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062789.D

Acq: 16 Jan 2025 01:14

Tgt Ion: 75 Resp: 4137

Ion Ratio Lower Upper

75 100

110 2.4 33.2 49.8#

77 38.7 25.9 38.9

