

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062889.D
 Acq On : 17 Jan 2025 22:46
 Operator : MD/SY
 Sample : Q1086-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 23:43:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

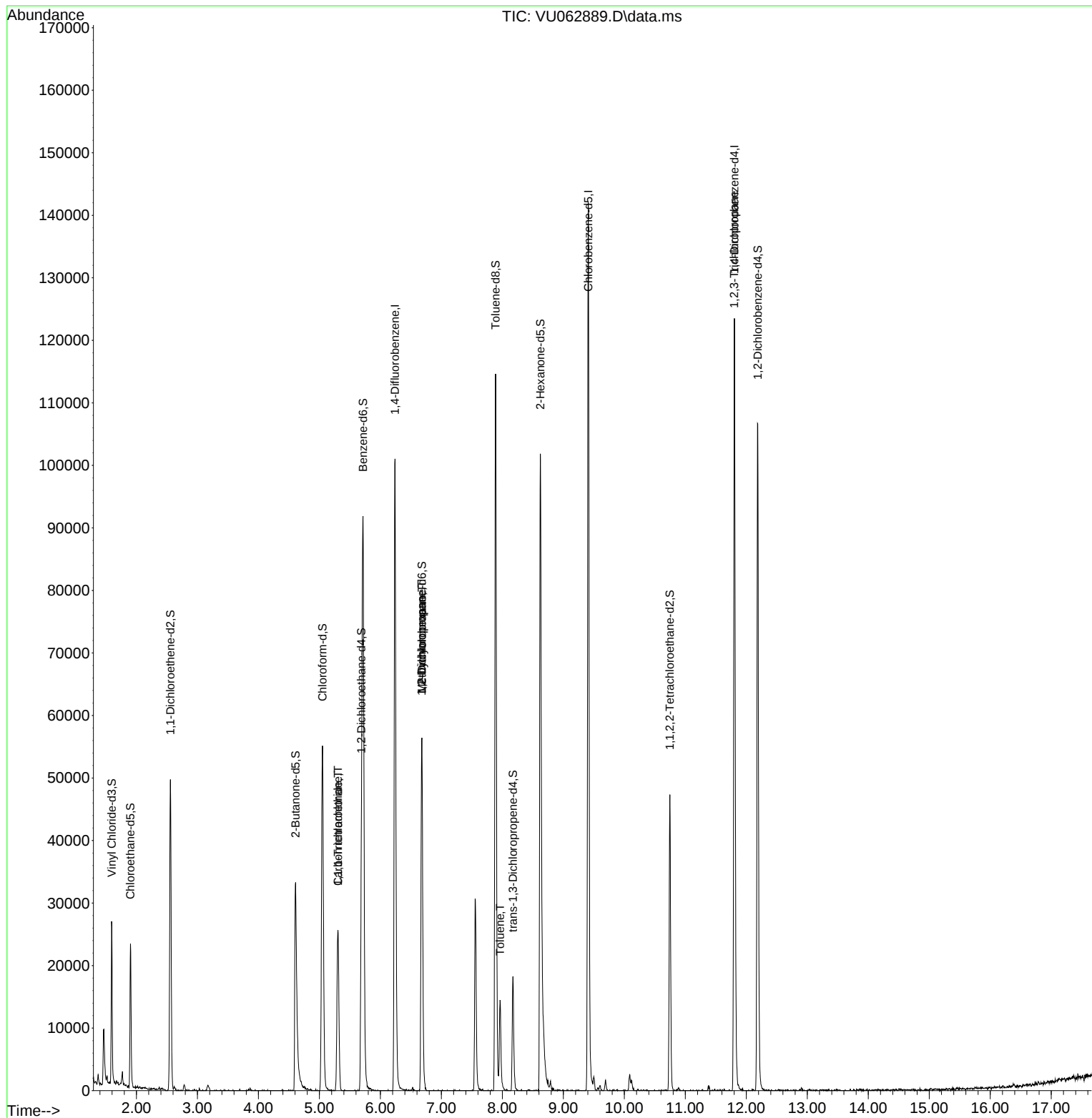
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	82726	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17912	3.909	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.901	69	15637	4.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.557	65	9634	4.059	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	4.608	46	46848	50.029	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.060%	
24) Chloroform-d	5.049	84	52462	4.654	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.689	65	30894	5.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.714	84	87729	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.679	67	25054	4.749	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.888	98	80234	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.174	79	11399	4.335	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.621	63	36897	44.614	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.220%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21516	4.870	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	30195	4.987	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
29) 1,1,1-Trichloroethane	5.303	97	19927	1.688	ug/L	99
31) Carbon tetrachloride	5.303	117	2425	0.223	ug/L	93
35) Methylcyclohexane	6.679	83	7142	0.760	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3170	0.601	ug/L #	85
42) Toluene	7.962	91	11442	0.467	ug/L	97
61) 1,2,3-Trichloropropane	11.801	75	3534	1.095	ug/L #	58

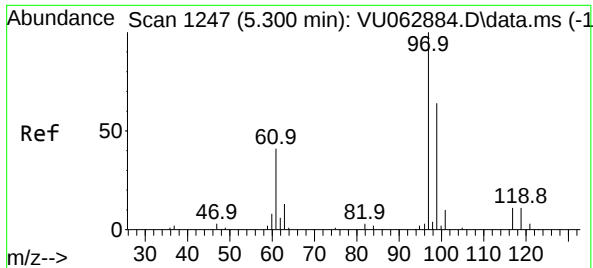
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 1.688 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU062889.D

Acq: 17 Jan 2025 22:46

Instrument :

MSVOA_U

ClientSampleId :

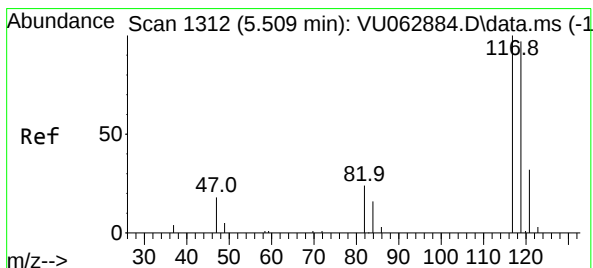
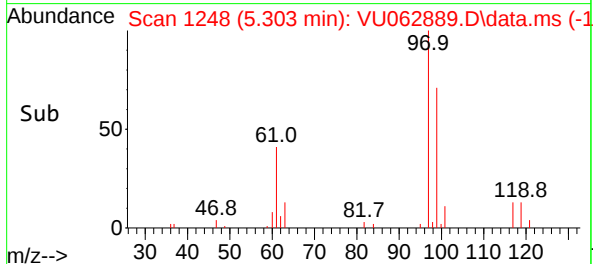
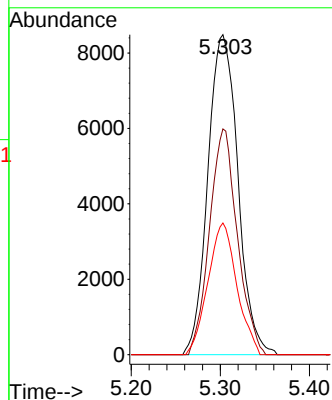
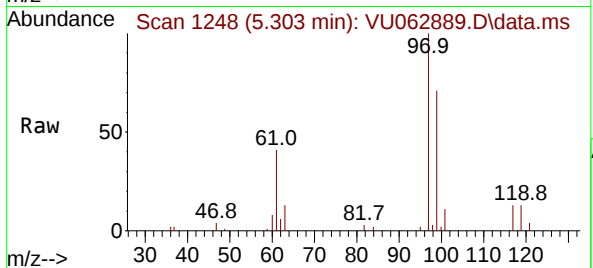
Tgt Ion: 97 Resp: 19927

Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

61 39.4 32.2 48.4



#31

Carbon tetrachloride

Concen: 0.223 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.206 min

Lab File: VU062889.D

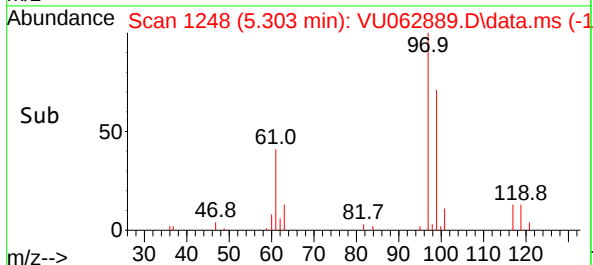
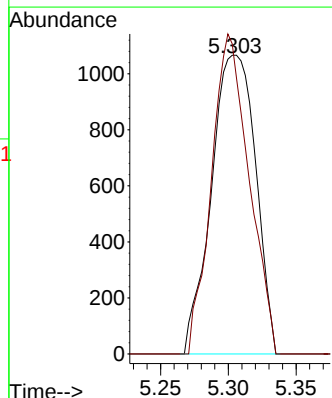
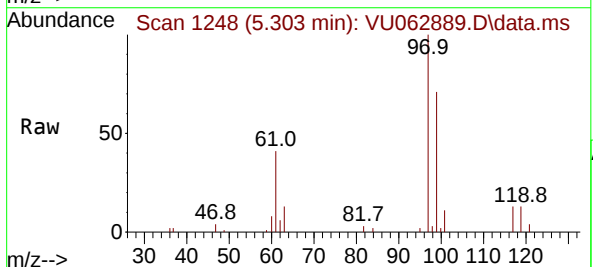
Acq: 17 Jan 2025 22:46

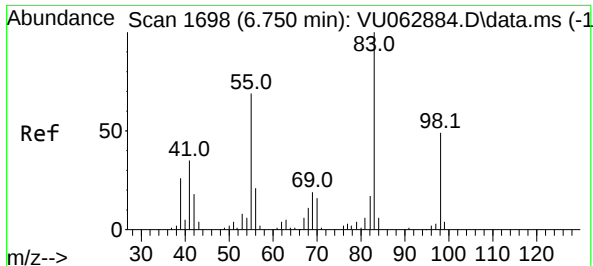
Tgt Ion: 117 Resp: 2425

Ion Ratio Lower Upper

117 100

119 91.1 78.6 118.0

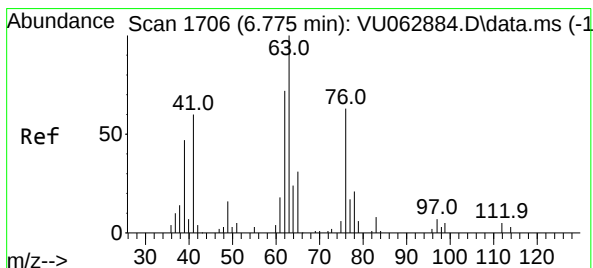
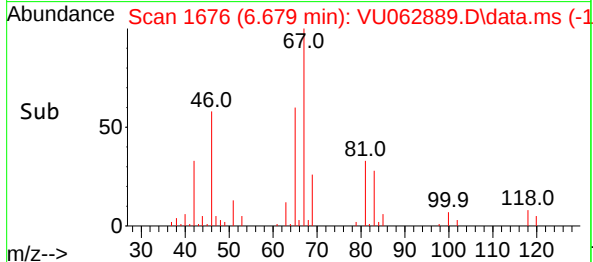
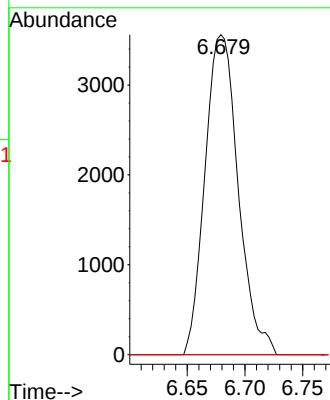
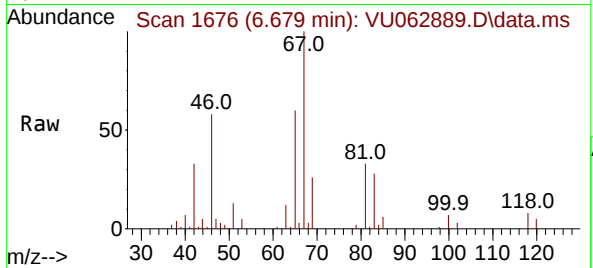




#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.679 min Scan# 1675
Delta R.T. -0.071 min
Lab File: VU062889.D
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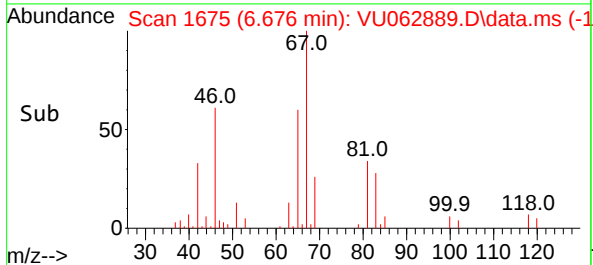
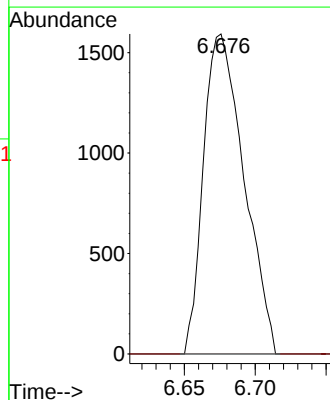
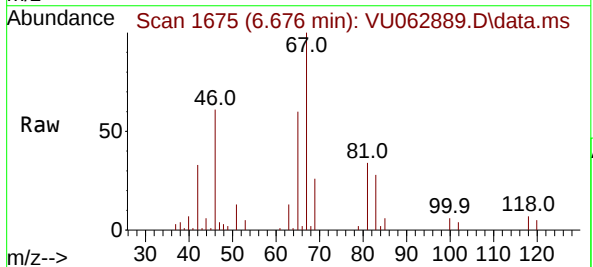
Instrument :
MSVOA_U
ClientSampleId :

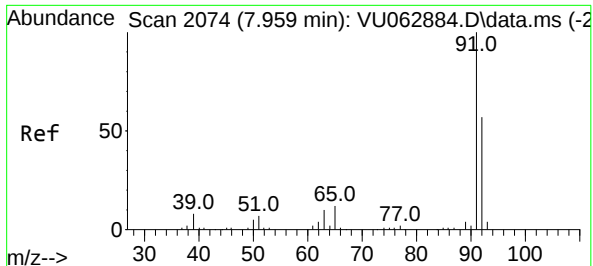
Tgt Ion: 83 Resp: 7142
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.100 min
Lab File: VU062889.D
Acq: 17 Jan 2025 22:46

Tgt Ion: 63 Resp: 3170
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.467 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062889.D

Acq: 17 Jan 2025 22:46

Instrument :

MSVOA_U

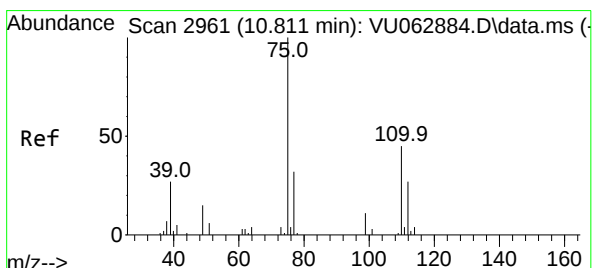
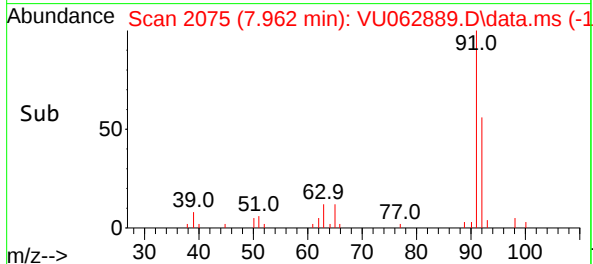
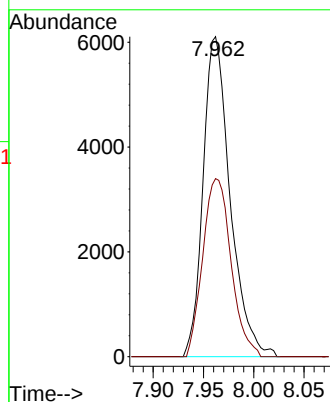
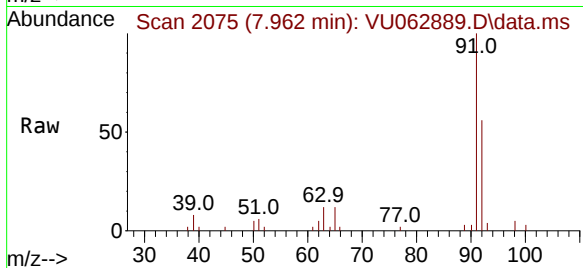
ClientSampleId :

Tgt Ion: 91 Resp: 11442

Ion Ratio Lower Upper

91 100

92 55.6 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.095 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062889.D

Acq: 17 Jan 2025 22:46

Tgt Ion: 75 Resp: 3534

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 39.3 25.9 38.9#

