

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062887.D
 Acq On : 17 Jan 2025 21:57
 Operator : MD/SY
 Sample : Q1086-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 23:42:29 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)

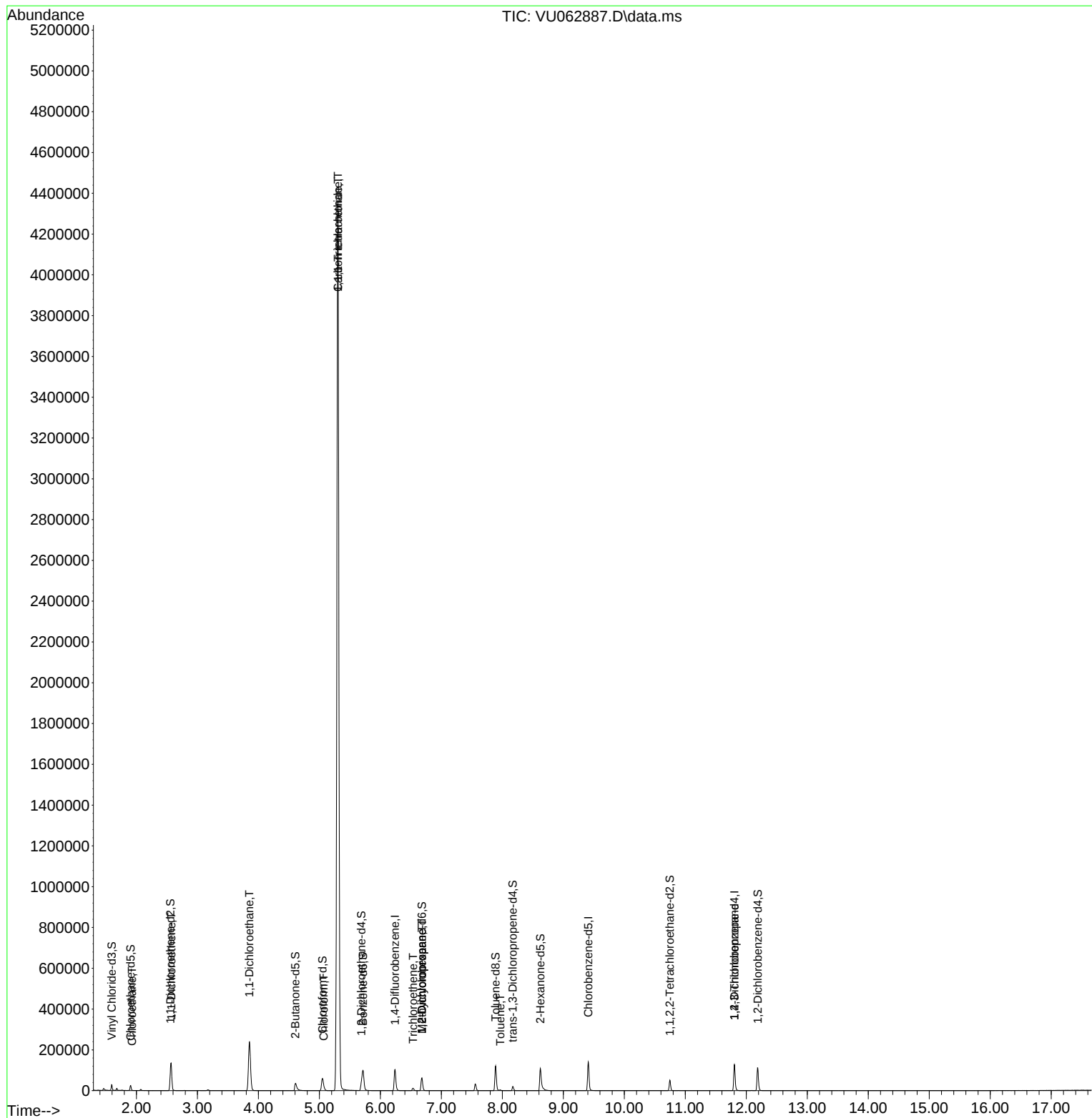
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	86085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19115	4.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.904	69	17862	4.657	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.557	65	9569	3.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.605	46	50103	51.418	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	5.049	84	57797	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.689	65	32616	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	95726	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.679	67	26883	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.888	98	82376	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.171	79	13051	4.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.621	63	40152	47.192	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23748	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	32506	5.242	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.927	64	713	0.192	ug/L #	44
12) 1,1-Dichloroethene	2.570	96	37355	6.990	ug/L	90
19) 1,1-Dichloroethane	3.853	63	263327	25.724	ug/L	96
25) Chloroform	5.071	83	7553	0.600	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	3368103	277.297	ug/L	98
31) Carbon tetrachloride	5.303	117	383159	34.325	ug/L	100
34) Trichloroethene	6.534	95	4609	0.586	ug/L	96
35) Methylcyclohexane	6.679	83	8001	0.827	ug/L #	23
37) 1,2-Dichloropropane	6.679	63	3363	0.620	ug/L #	85
42) Toluene	7.965	91	3015	0.120	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	3890	1.177	ug/L #	62

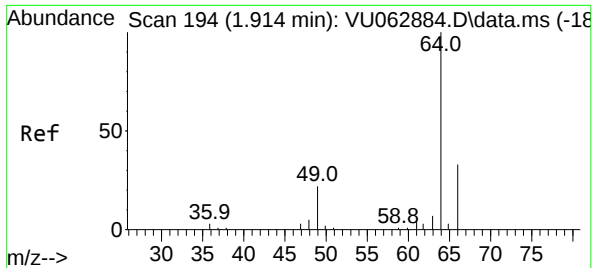
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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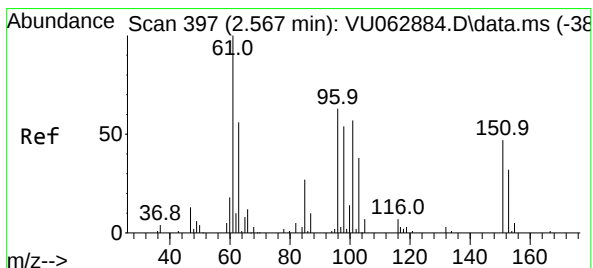
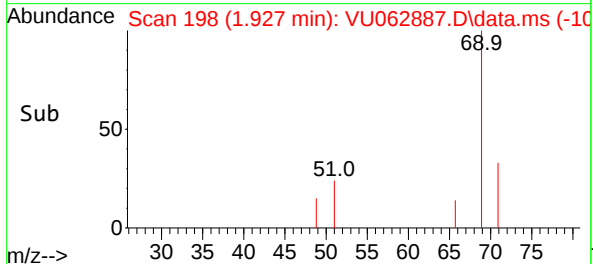
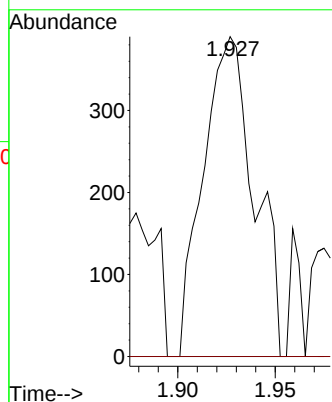
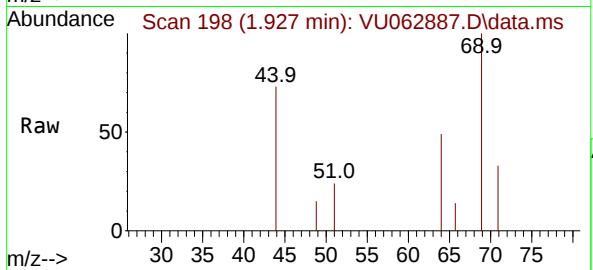




#8
Chloroethane
Concen: 0.192 ug/L
RT: 1.927 min Scan# 194
Delta R.T. 0.013 min
Lab File: VU062887.D
Acq: 17 Jan 2025 21:57

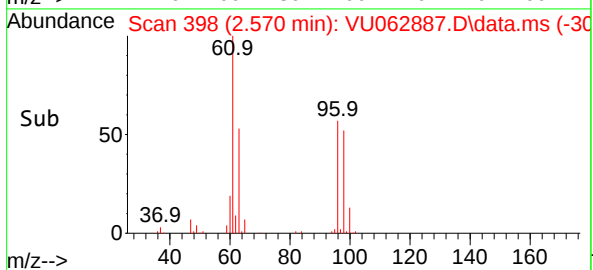
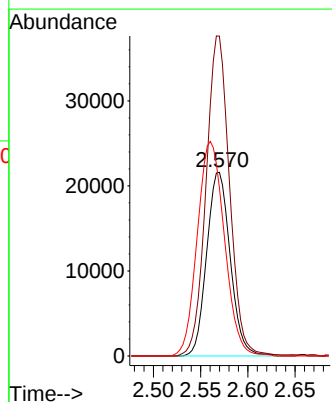
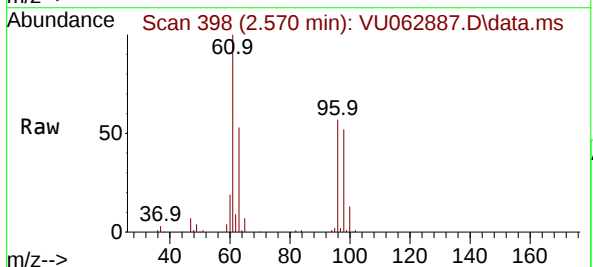
Instrument :
MSVOA_U
ClientSampleId :

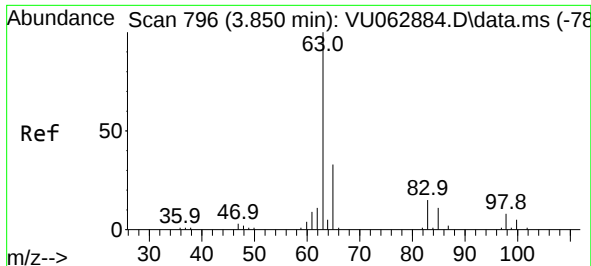
Tgt Ion: 64 Resp: 713
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



#12
1,1-Dichloroethene
Concen: 6.990 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062887.D
Acq: 17 Jan 2025 21:57

Tgt Ion: 96 Resp: 37355
Ion Ratio Lower Upper
96 100
61 174.0 120.4 223.6
63 91.6 82.3 152.9





#19

1,1-Dichloroethane

Concen: 25.724 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062887.D

Acq: 17 Jan 2025 21:57

Instrument :

MSVOA_U

ClientSampleId :

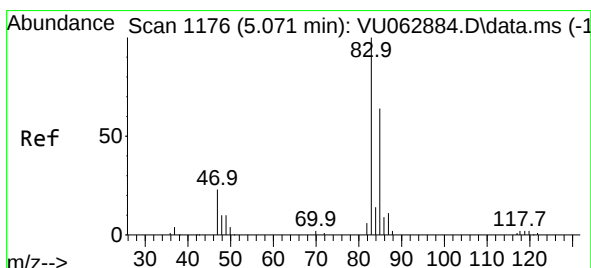
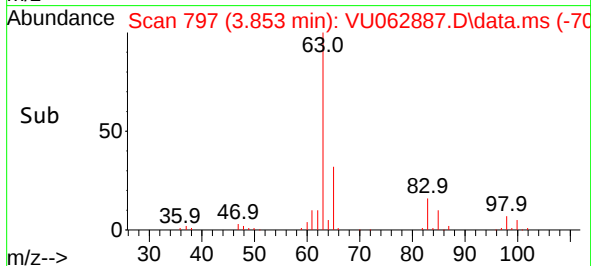
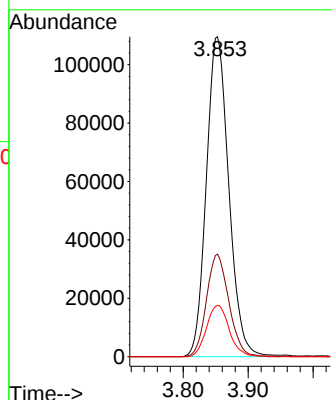
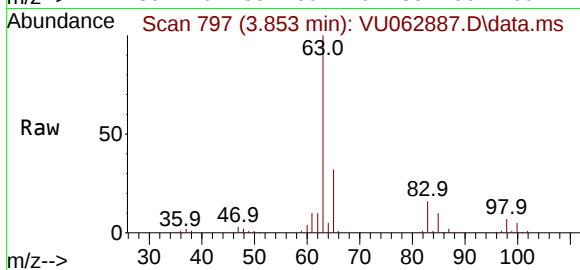
Tgt Ion: 63 Resp: 263327

Ion Ratio Lower Upper

63 100

65 32.0 20.7 38.5

83 16.1 10.5 19.5



#25

Chloroform

Concen: 0.600 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU062887.D

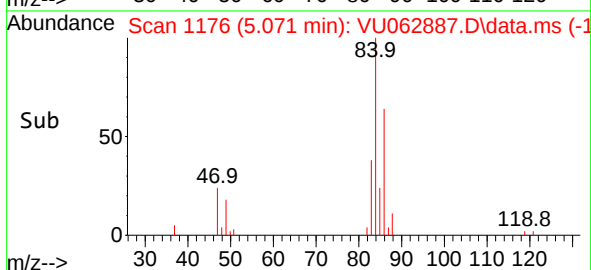
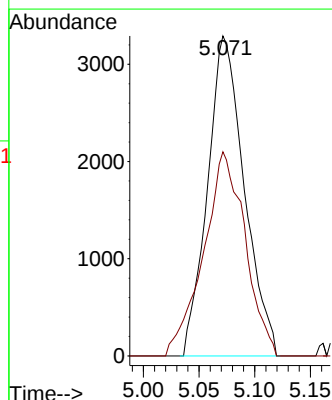
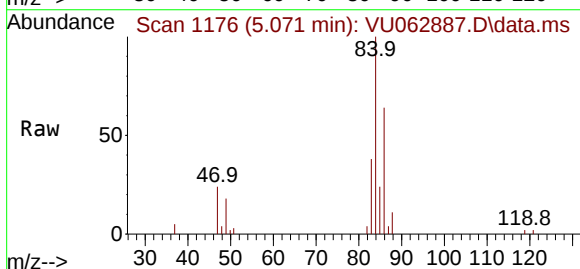
Acq: 17 Jan 2025 21:57

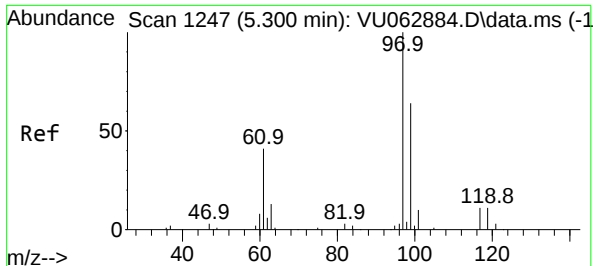
Tgt Ion: 83 Resp: 7553

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2





#29

1,1,1-Trichloroethane

Concen: 277.297 ug/L

RT: 5.303 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VU062887.D

Acq: 17 Jan 2025 21:57

Instrument :

MSVOA_U

ClientSampleId :

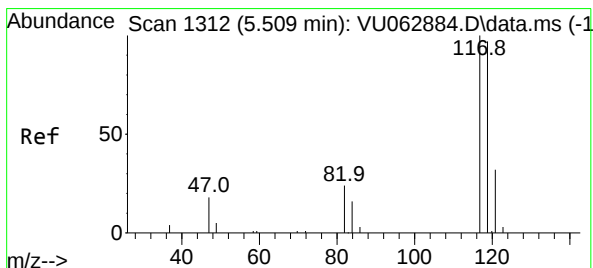
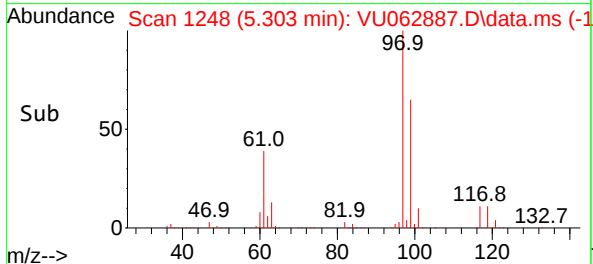
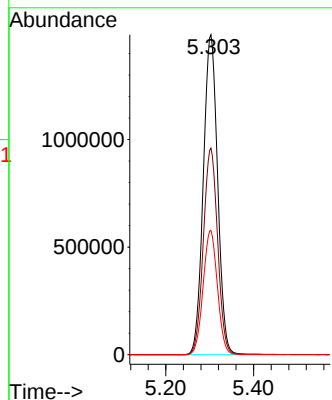
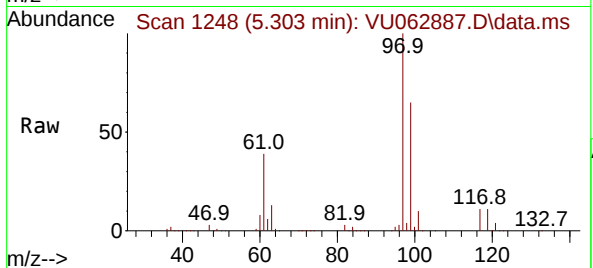
Tgt Ion: 97 Resp: 3368103

Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 38.7 32.2 48.4



#31

Carbon tetrachloride

Concen: 34.325 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.206 min

Lab File: VU062887.D

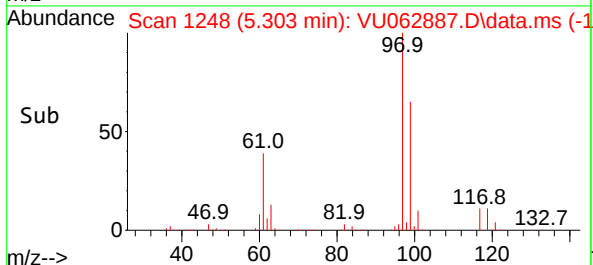
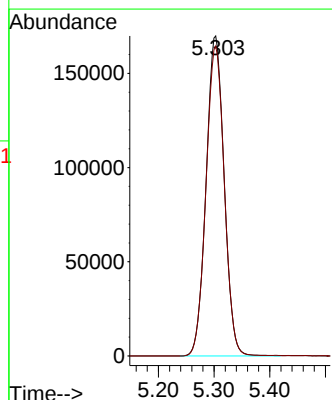
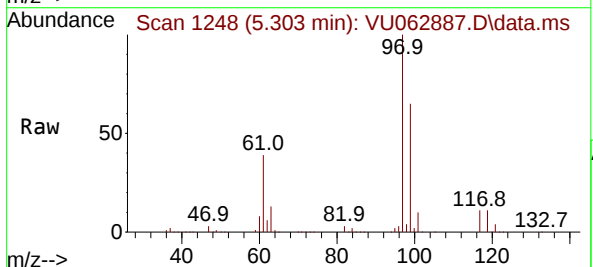
Acq: 17 Jan 2025 21:57

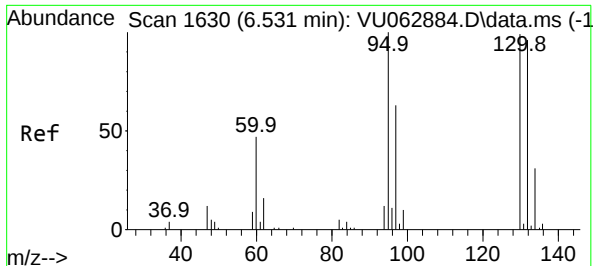
Tgt Ion:117 Resp: 383159

Ion Ratio Lower Upper

117 100

119 98.1 78.6 118.0



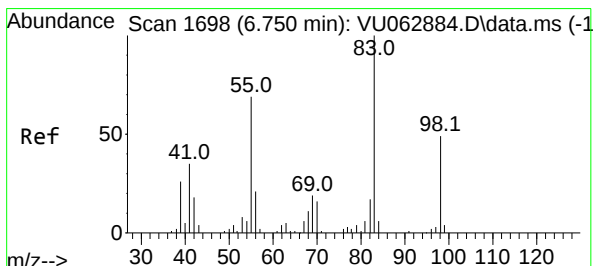
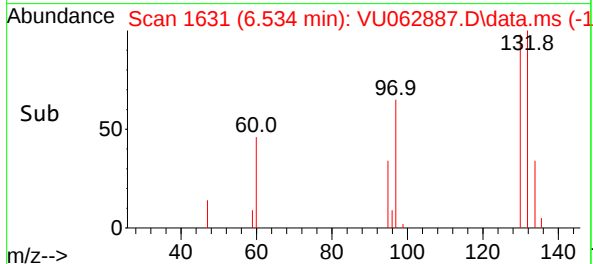
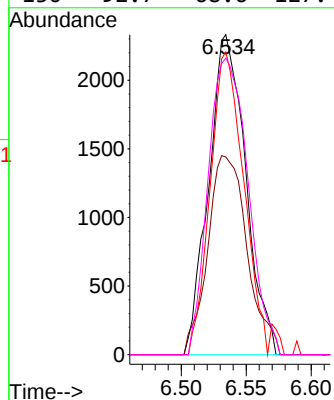
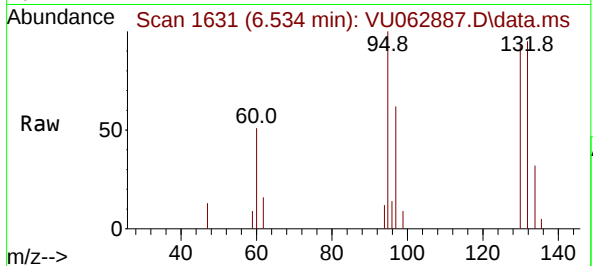


#34
Trichloroethene
Concen: 0.586 ug/L
RT: 6.534 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU062887.D
Acq: 17 Jan 2025 21:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4609

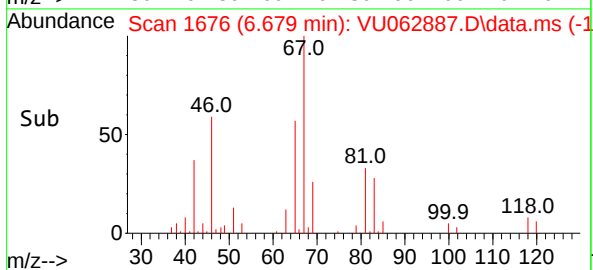
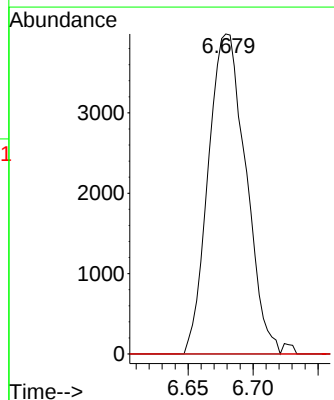
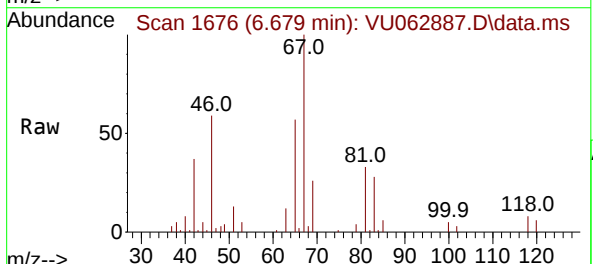
Ion	Ratio	Lower	Upper
95	100		
97	61.8	47.5	88.3
132	94.6	66.9	124.3
130	92.7	68.6	127.4

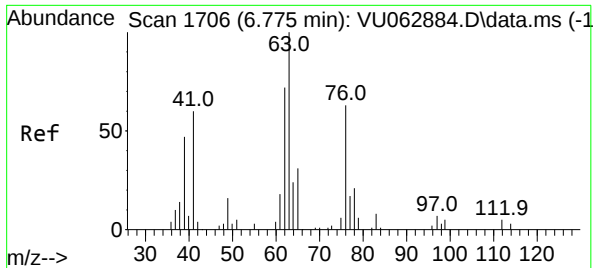


#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062887.D
Acq: 17 Jan 2025 21:57

Tgt Ion: 83 Resp: 8001

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	3.6	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU062887.D

Acq: 17 Jan 2025 21:57

Instrument :

MSVOA_U

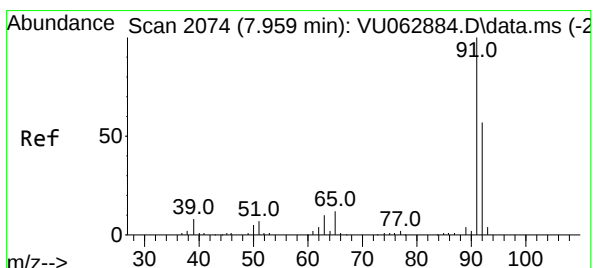
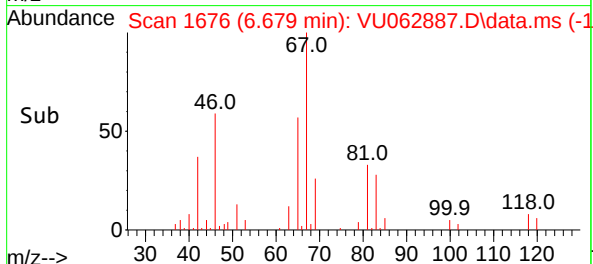
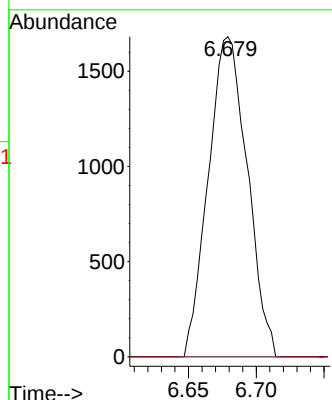
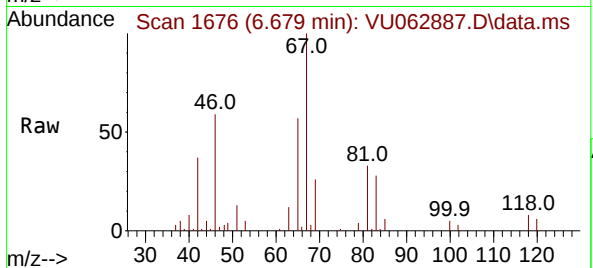
ClientSampleId :

Tgt Ion: 63 Resp: 3363

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.120 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU062887.D

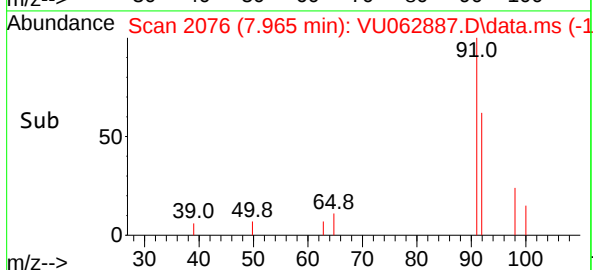
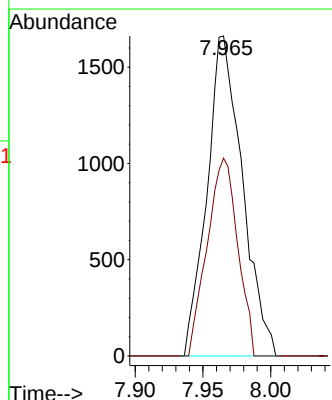
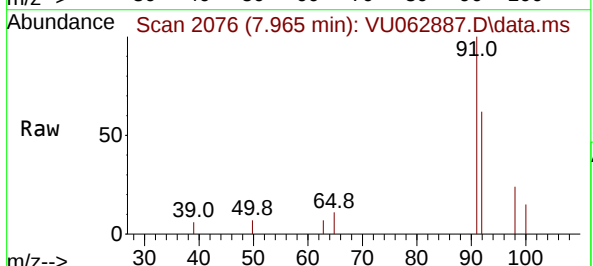
Acq: 17 Jan 2025 21:57

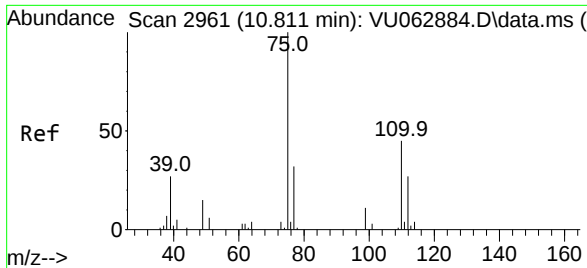
Tgt Ion: 91 Resp: 3015

Ion Ratio Lower Upper

91 100

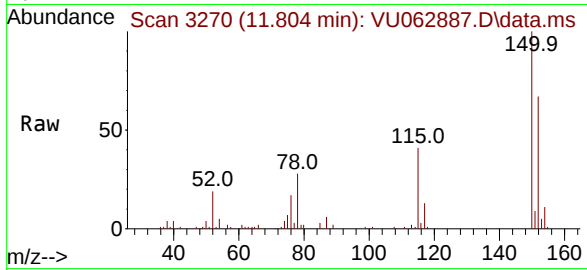
92 61.8 40.4 75.0





#61
1,2,3-Trichloropropane
Concen: 1.177 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062887.D
Acq: 17 Jan 2025 21:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3890
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 33.9 25.9 38.9

