

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062882.D
 Acq On : 17 Jan 2025 19:28
 Operator : MD/SY
 Sample : Q1086-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 22:02:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

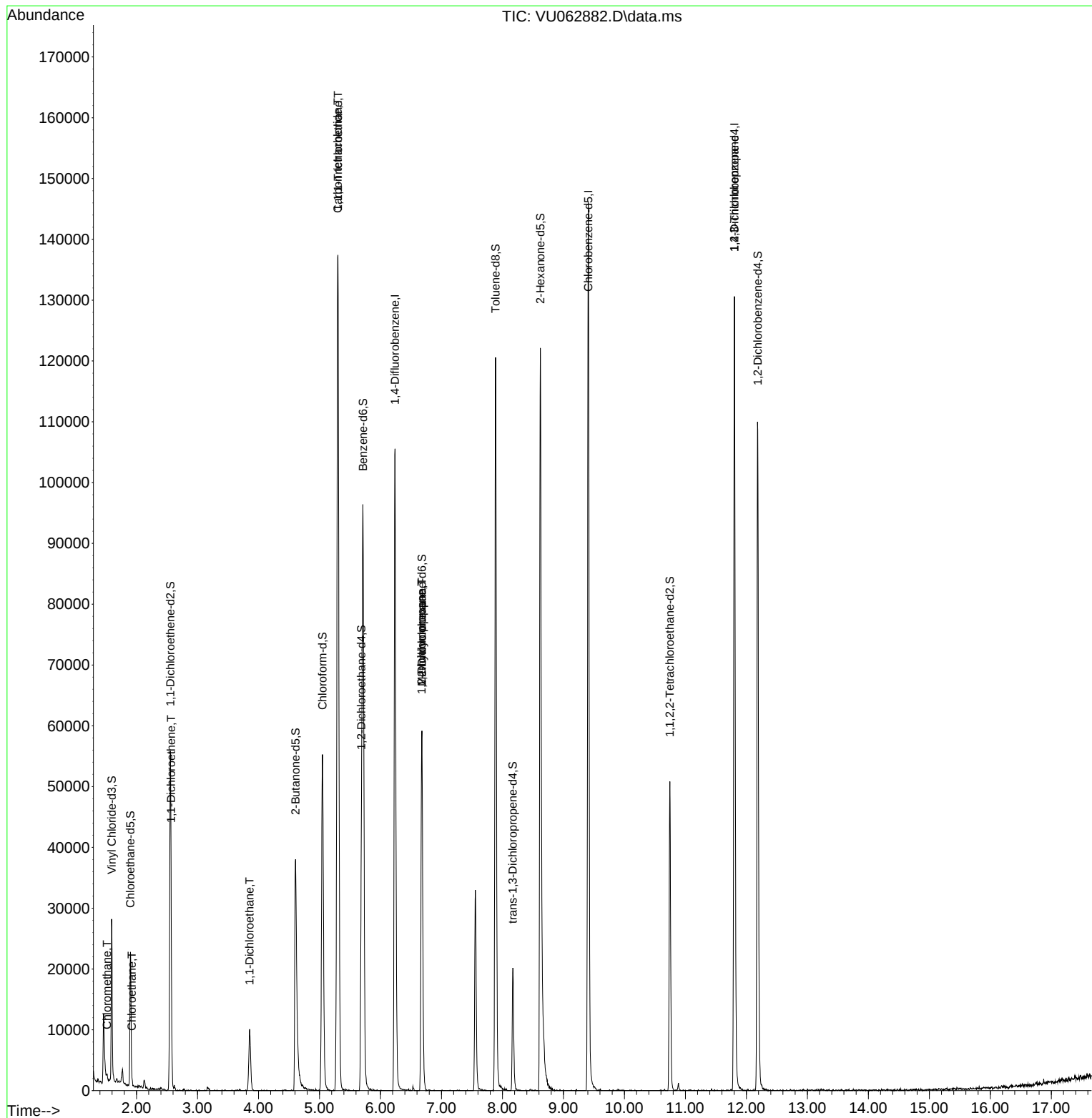
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	84920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18296	3.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.901	69	16163	4.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.557	65	9583	3.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.608	46	52914	55.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.049	84	53798	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.689	65	33183	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.714	84	88255	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.679	67	26041	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.888	98	79956	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.171	79	13131	4.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.621	63	42949	49.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23714	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	31761	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	627	0.115	ug/L	86
8) Chloroethane	1.923	64	688	0.187	ug/L #	44
12) 1,1-Dichloroethene	2.566	96	2833	0.537	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	11179	1.107	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	106160	8.609	ug/L	98
31) Carbon tetrachloride	5.299	117	12026	1.061	ug/L	98
35) Methylcyclohexane	6.679	83	7305	0.744	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3525	0.640	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3704	1.078	ug/L #	60

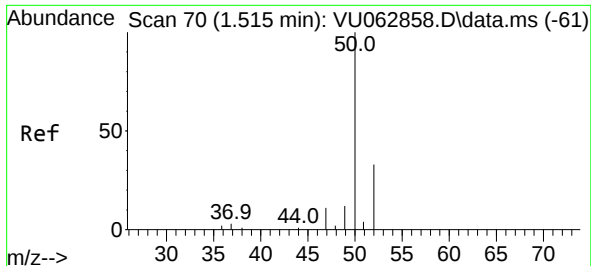
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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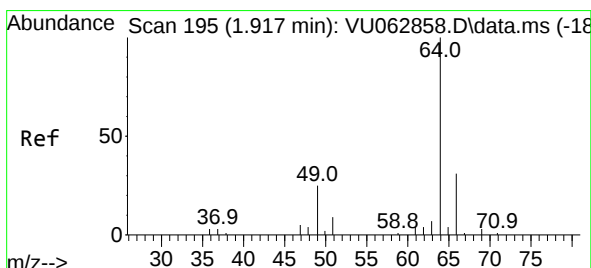
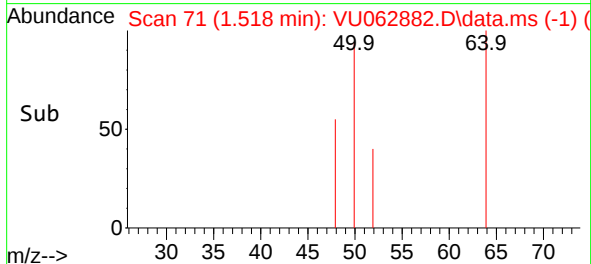
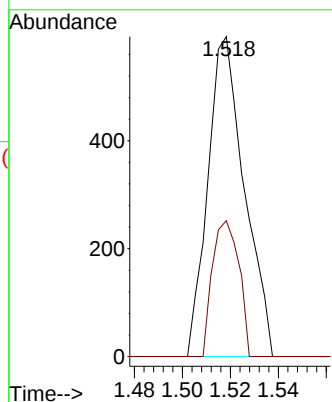
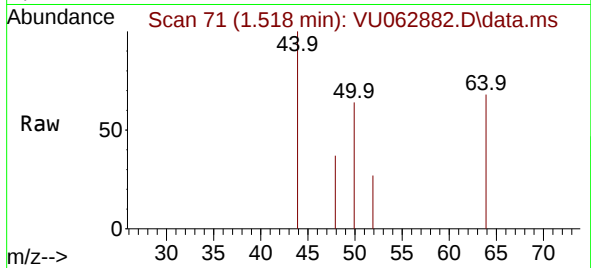




#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062882.D
Acq: 17 Jan 2025 19:28

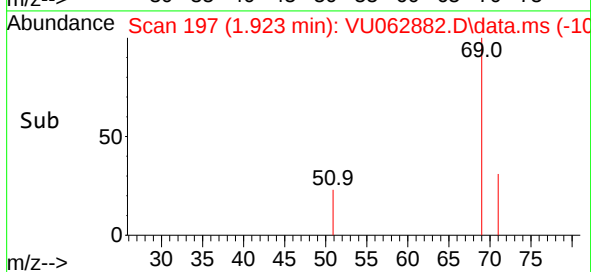
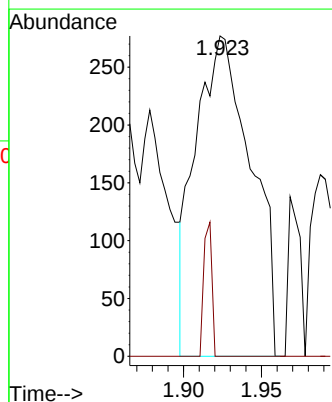
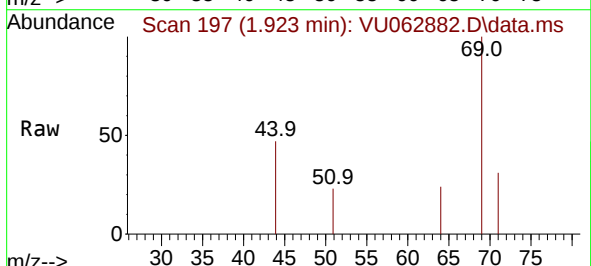
Instrument :
MSVOA_U
ClientSampleId :

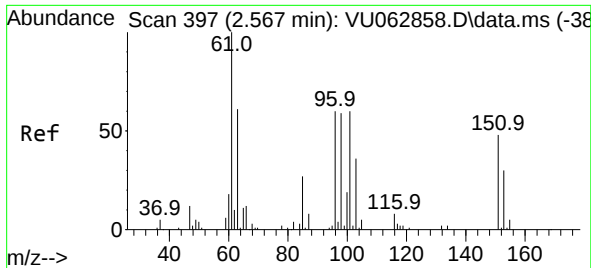
Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 42.5 24.1 44.7



#8
Chloroethane
Concen: 0.187 ug/L
RT: 1.923 min Scan# 197
Delta R.T. 0.006 min
Lab File: VU062882.D
Acq: 17 Jan 2025 19:28

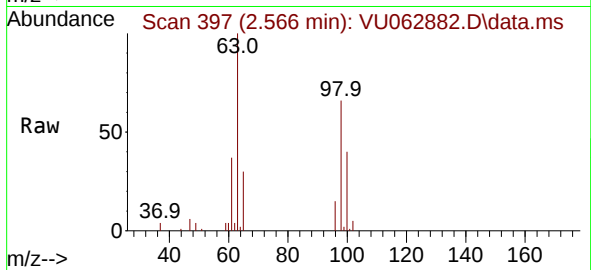
Tgt Ion: 64 Resp: 688
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#





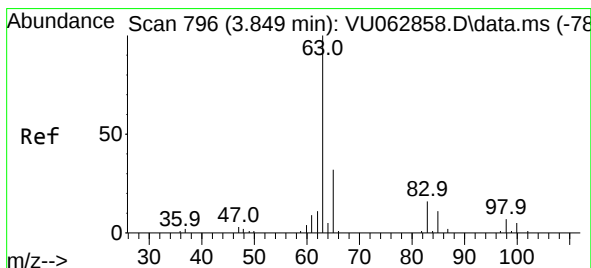
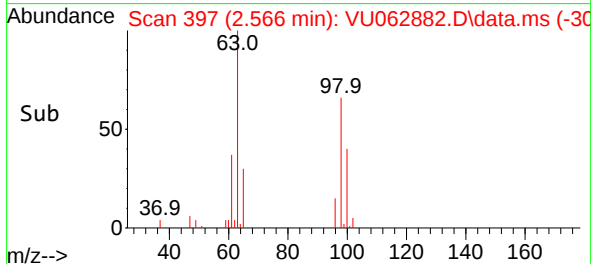
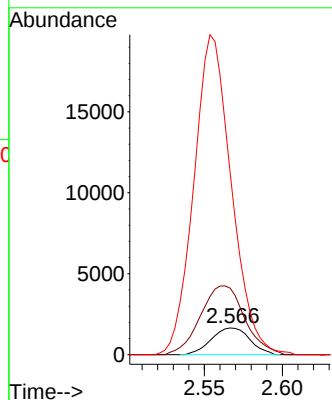
#12
 1,1-Dichloroethene
 Concen: 0.537 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU062882.D
 Acq: 17 Jan 2025 19:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 2833

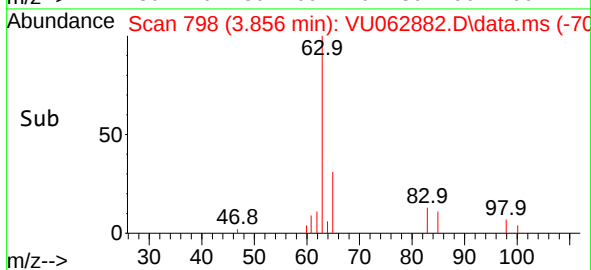
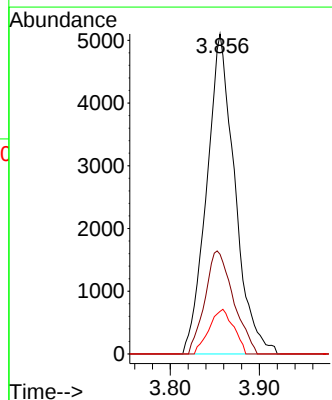
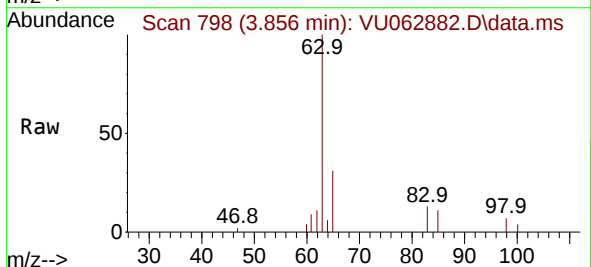
Ion	Ratio	Lower	Upper
96	100		
61	249.5	120.4	223.6#
63	683.0	82.3	152.9#

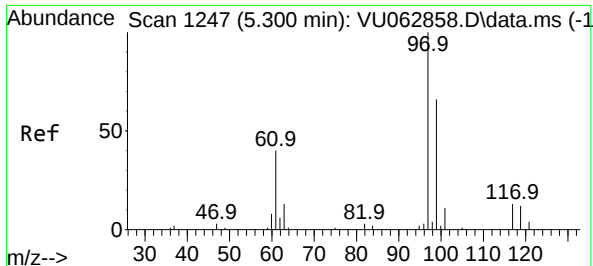


#19
 1,1-Dichloroethane
 Concen: 1.107 ug/L
 RT: 3.856 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VU062882.D
 Acq: 17 Jan 2025 19:28

Tgt Ion: 63 Resp: 11179

Ion	Ratio	Lower	Upper
63	100		
65	31.2	20.7	38.5
83	13.3	10.5	19.5





#29

1,1,1-Trichloroethane

Concen: 8.609 ug/L

RT: 5.303 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062882.D

Acq: 17 Jan 2025 19:28

Instrument :

MSVOA_U

ClientSampleId :

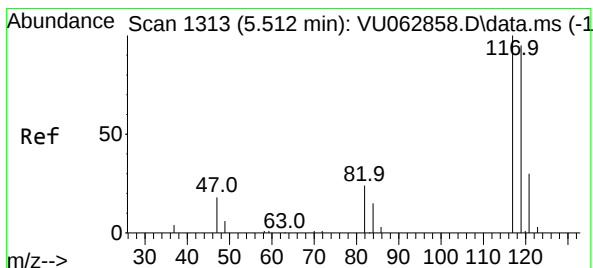
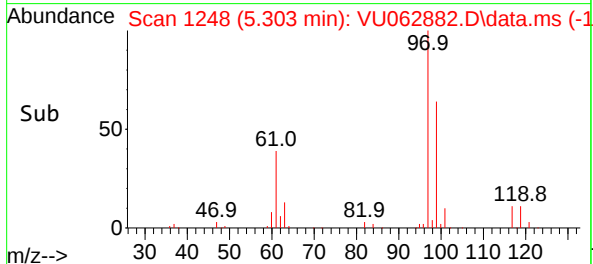
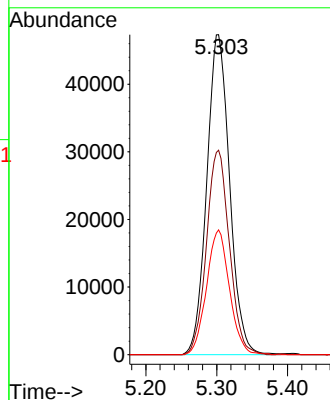
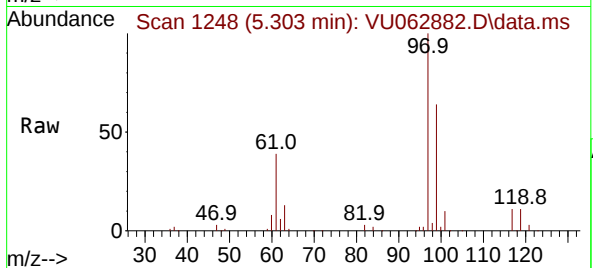
Tgt Ion: 97 Resp: 106160

Ion Ratio Lower Upper

97 100

99 64.0 52.4 78.6

61 39.1 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.061 ug/L

RT: 5.299 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062882.D

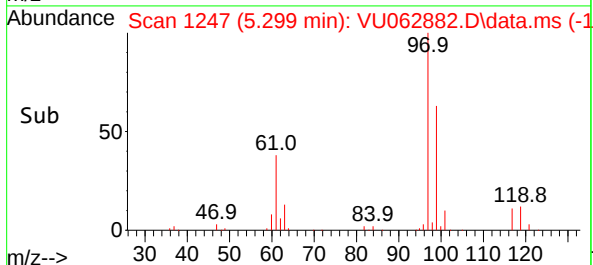
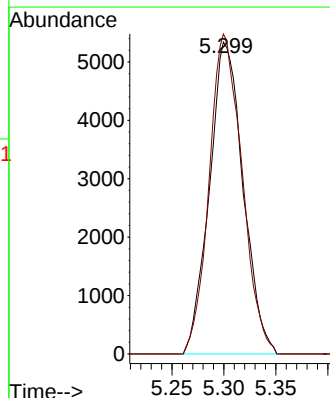
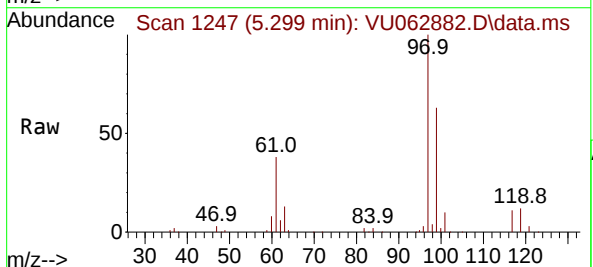
Acq: 17 Jan 2025 19:28

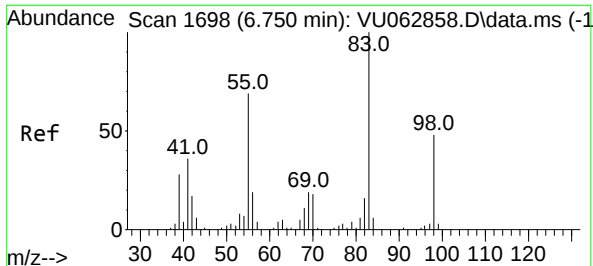
Tgt Ion: 117 Resp: 12026

Ion Ratio Lower Upper

117 100

119 100.4 78.6 118.0





#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062882.D

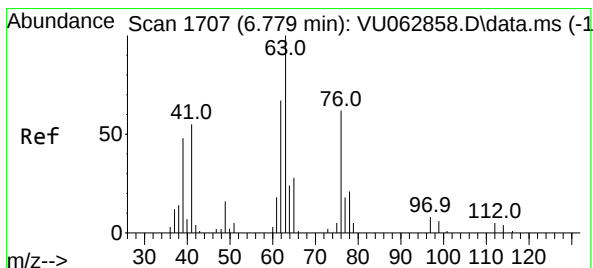
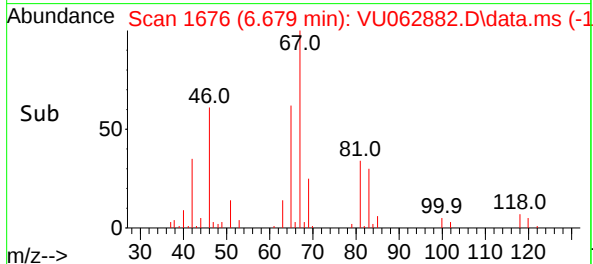
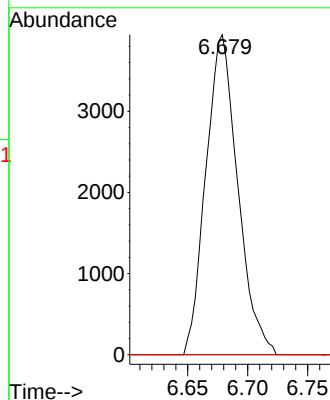
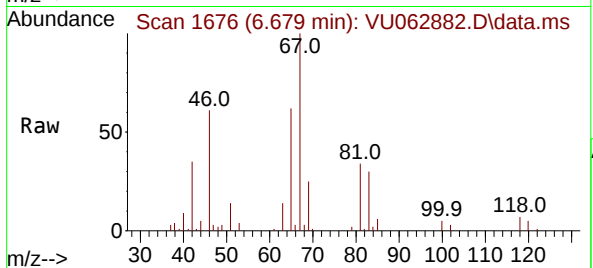
Acq: 17 Jan 2025 19:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	7305
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: 0.640 ug/L

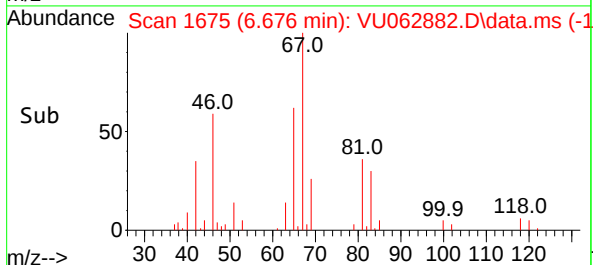
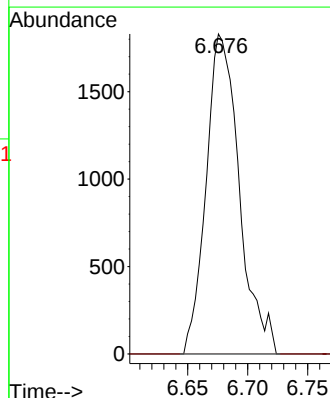
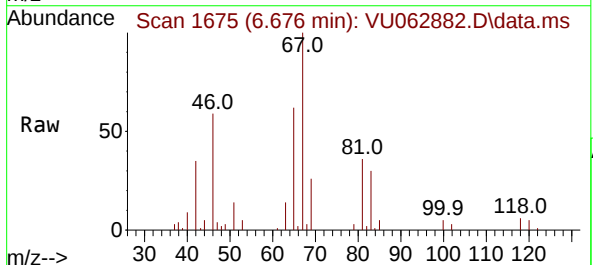
RT: 6.676 min Scan# 1675

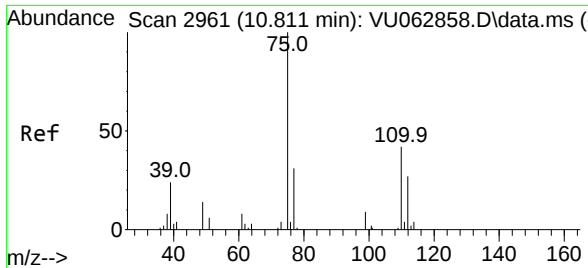
Delta R.T. -0.103 min

Lab File: VU062882.D

Acq: 17 Jan 2025 19:28

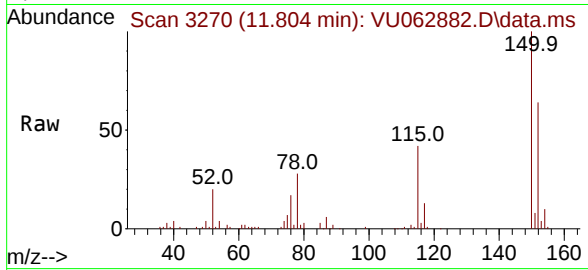
Tgt Ion: 63	Resp:	3525
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.078 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU062882.D
 Acq: 17 Jan 2025 19:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	3704
Ion Ratio	Lower	Upper
75	100	
110	0.6	33.2 49.8#
77	36.9	25.9 38.9

