

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062760.D
 Acq On : 15 Jan 2025 12:26
 Operator : MD/SY
 Sample : Q1059-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:46:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

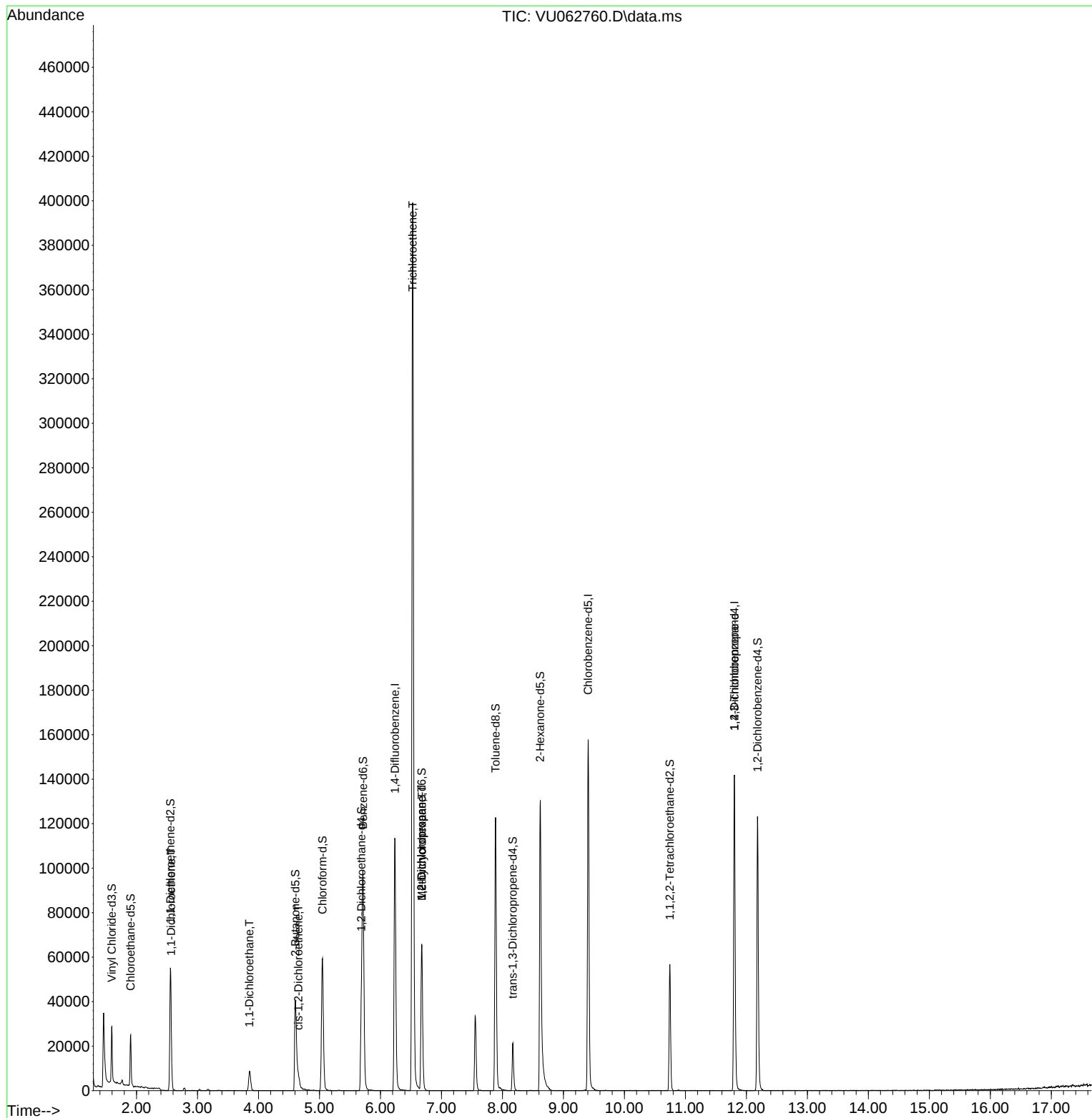
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	94240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	89936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16798	3.218	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.904	69	16436	3.915	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.557	65	9962	3.684	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.600%	
20) 2-Butanone-d5	4.605	46	57883	54.261	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.520%	
24) Chloroform-d	5.049	84	59082	4.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.689	65	34979	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.714	84	92728	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.676	67	28378	4.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.888	98	85909	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.171	79	12482	4.108	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.618	63	47057	49.243	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.480%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26017	5.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	12.183	152	35055	5.072	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	3403	0.582	ug/L #	1
19) 1,1-Dichloroethane	3.853	63	10648	0.950	ug/L #	87
22) cis-1,2-Dichloroethene	4.656	96	2046	0.300	ug/L	95
34) Trichloroethene	6.528	95	138740	15.718	ug/L	98
35) Methylcyclohexane	6.679	83	8129	0.748	ug/L #	25
37) 1,2-Dichloropropane	6.676	63	3854	0.632	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3916	1.063	ug/L #	58

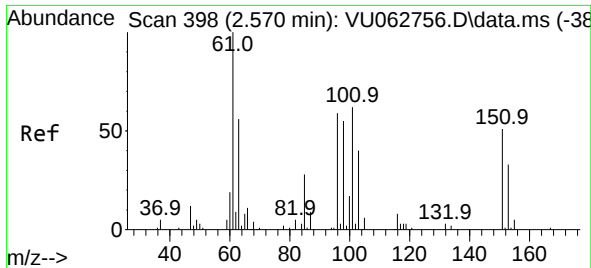
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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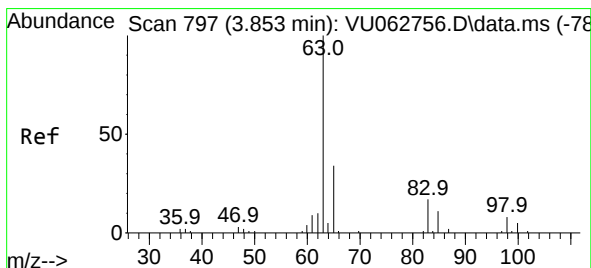
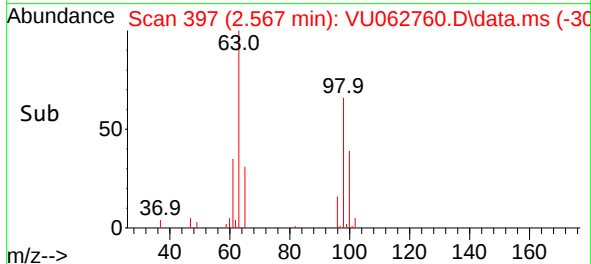
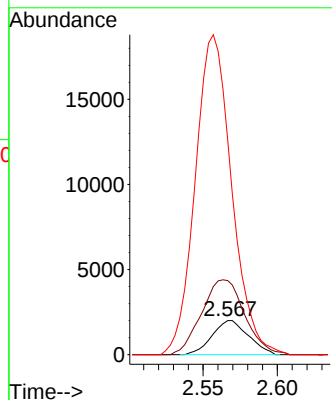
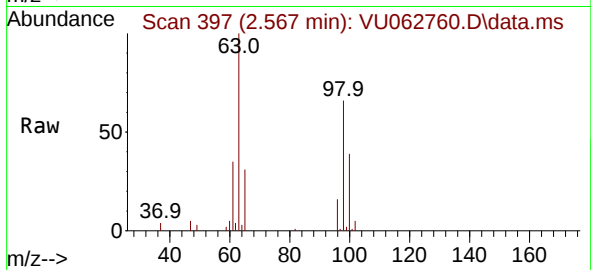




#12
 1,1-Dichloroethene
 Concen: 0.582 ug/L
 RT: 2.567 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062760.D
 Acq: 15 Jan 2025 12:26

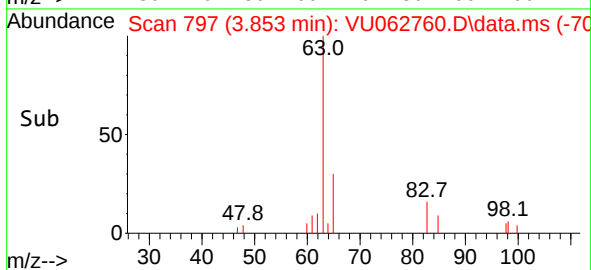
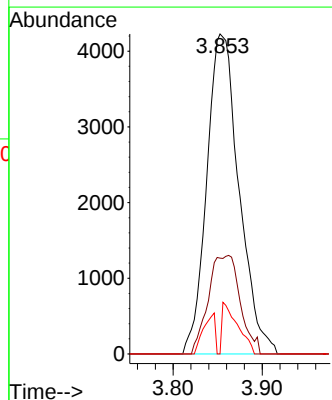
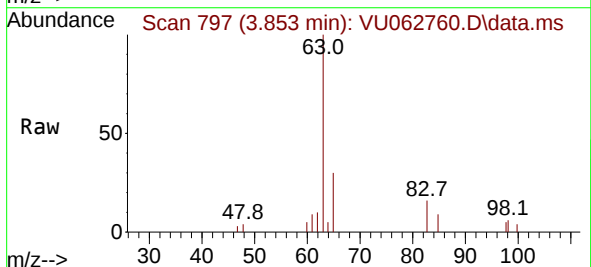
Instrument :
 MSVOA_U
 ClientSampleId :

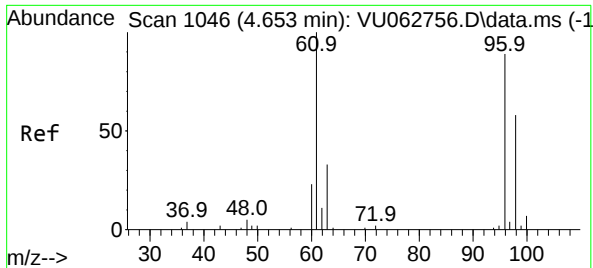
Tgt Ion: 96 Resp: 3403
 Ion Ratio Lower Upper
 96 100
 61 217.0 120.4 223.6
 63 628.7 82.3 152.9#



#19
 1,1-Dichloroethane
 Concen: 0.950 ug/L
 RT: 3.853 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VU062760.D
 Acq: 15 Jan 2025 12:26

Tgt Ion: 63 Resp: 10648
 Ion Ratio Lower Upper
 63 100
 65 29.9 20.7 38.5
 83 0.0 10.5 19.5#





#22

cis-1,2-Dichloroethene

Concen: 0.300 ug/L

RT: 4.656 min Scan# 1046

Delta R.T. 0.003 min

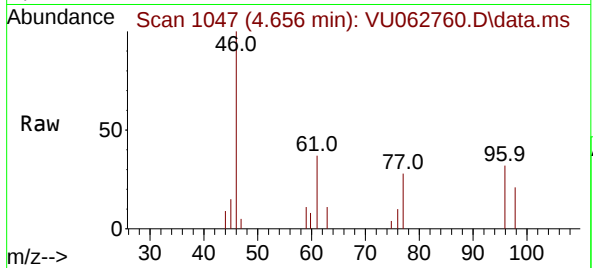
Lab File: VU062760.D

Acq: 15 Jan 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :



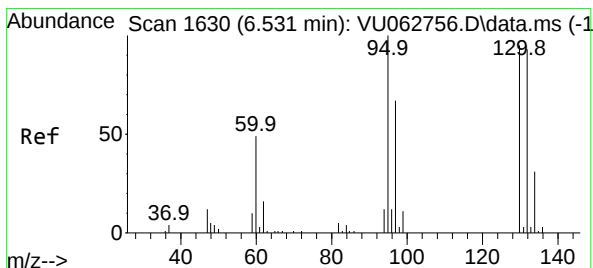
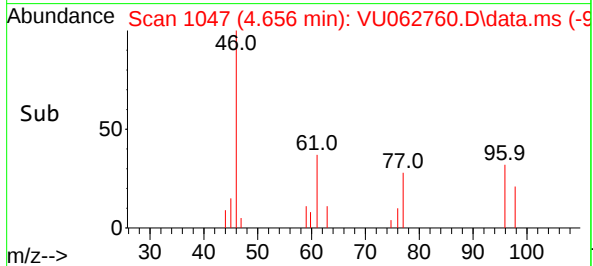
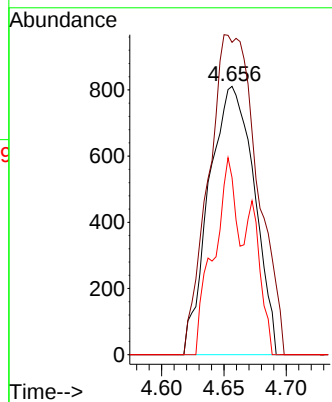
Tgt Ion: 96 Resp: 2046

Ion Ratio Lower Upper

96 100

61 116.4 84.8 157.6

98 66.0 43.1 80.1



#34

Trichloroethene

Concen: 15.718 ug/L

RT: 6.528 min Scan# 1629

Delta R.T. -0.003 min

Lab File: VU062760.D

Acq: 15 Jan 2025 12:26

Tgt Ion: 95 Resp: 138740

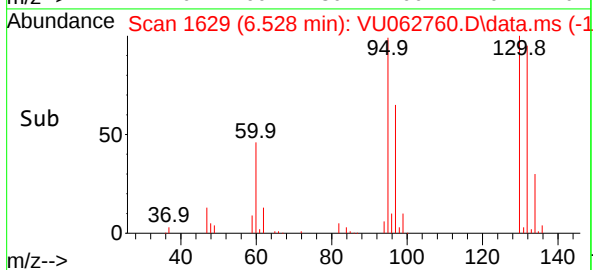
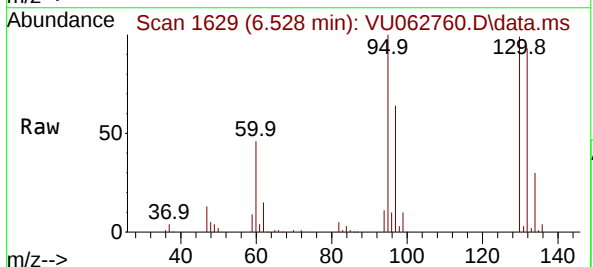
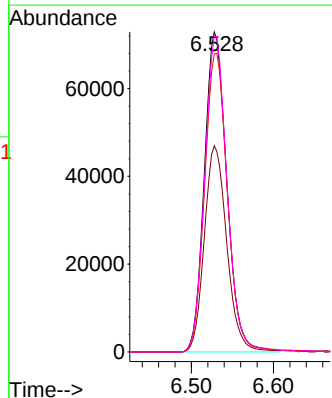
Ion Ratio Lower Upper

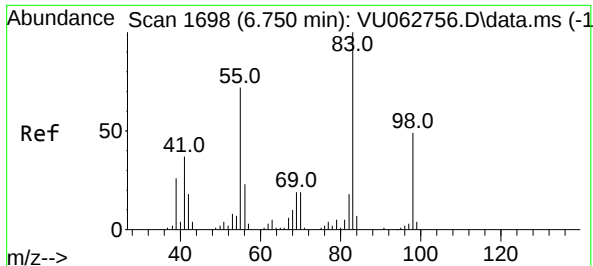
95 100

97 64.4 47.5 88.3

132 93.2 66.9 124.3

130 98.6 68.6 127.4





#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062760.D

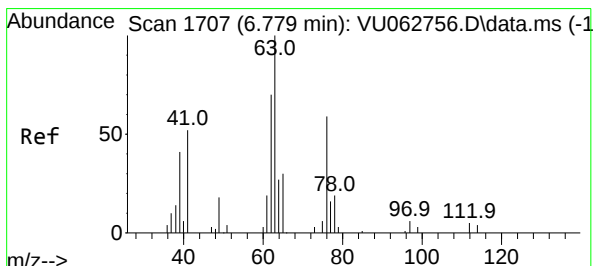
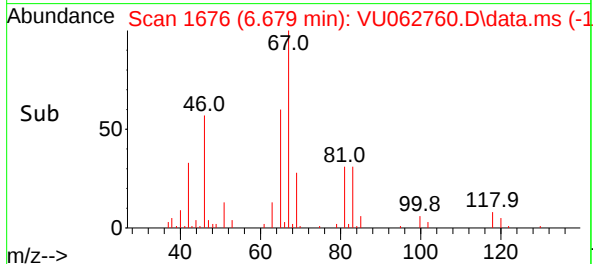
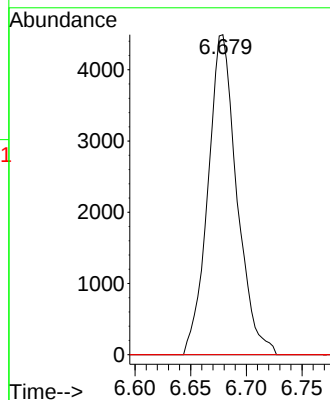
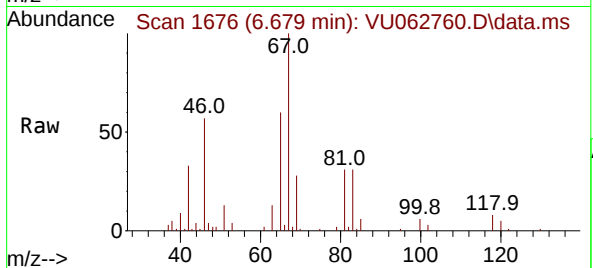
Acq: 15 Jan 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	8129
Ion Ratio	Lower	Upper
83	100	
55	0.0	57.2 85.8#
98	8.5	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.632 ug/L

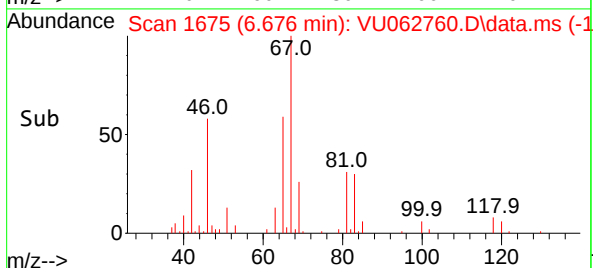
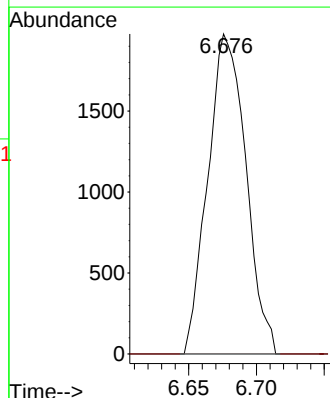
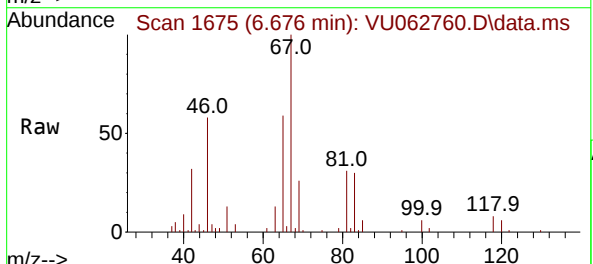
RT: 6.676 min Scan# 1675

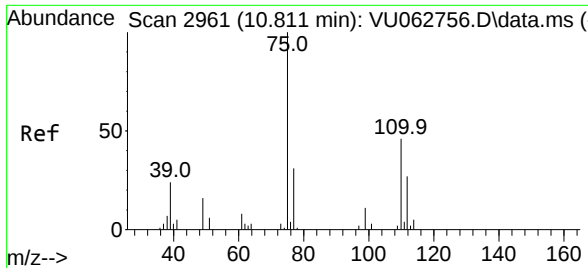
Delta R.T. -0.103 min

Lab File: VU062760.D

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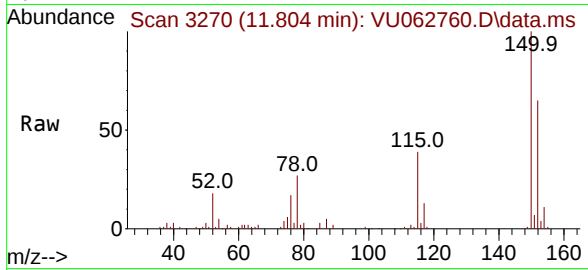
Tgt Ion: 63	Resp:	3854
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.063 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU062760.D
 Acq: 15 Jan 2025 12:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	3916
Ion	Ratio	Lower	Upper
75	100		
110	2.0	33.2	49.8#
77	40.3	25.9	38.9#

