

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062921.D
 Acq On : 20 Jan 2025 15:55
 Operator : MD/SY
 Sample : Q1086-20DL 40X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:42:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

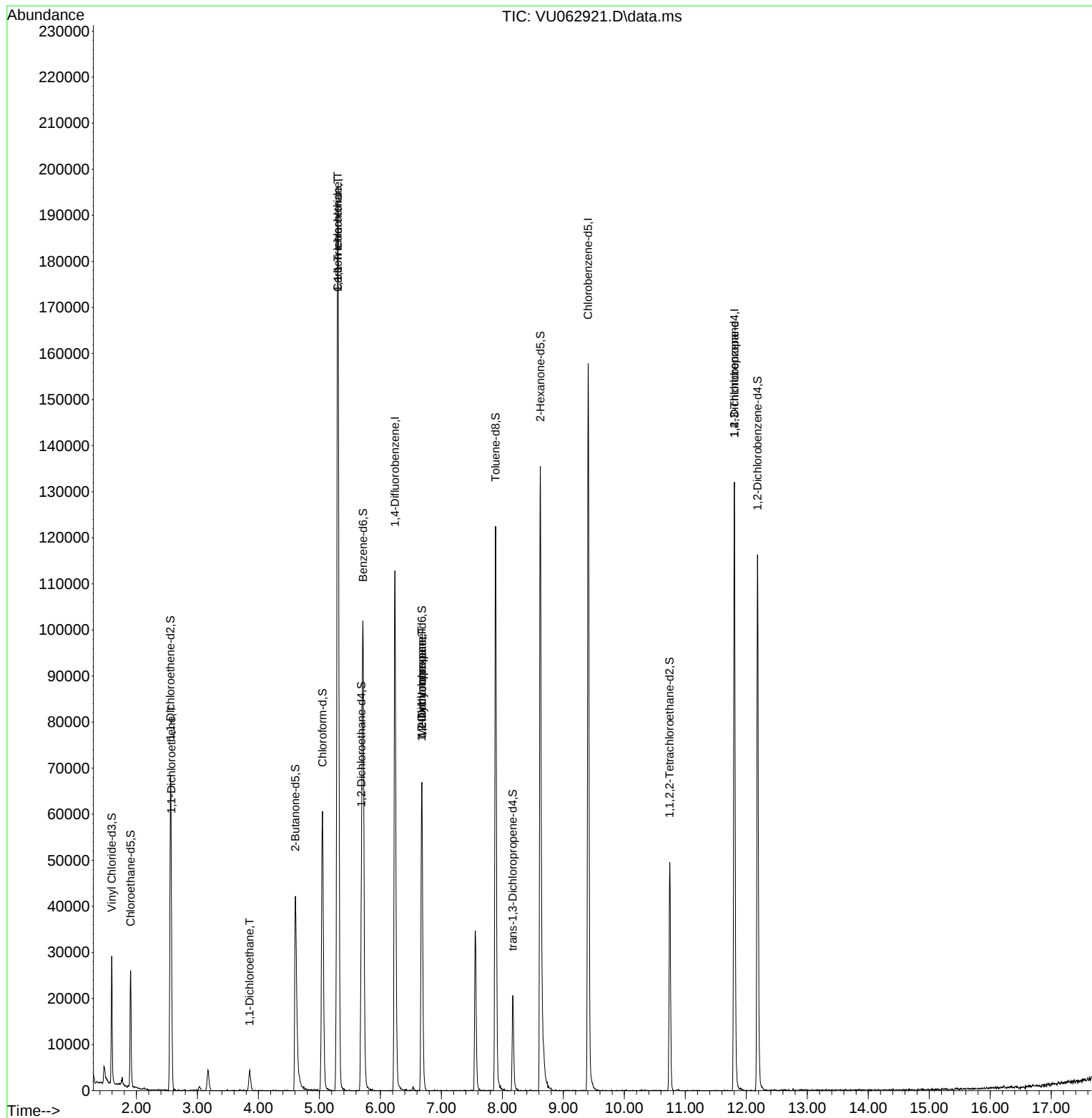
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	94160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	88793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	18779	3.601	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.904	69	18219	4.343	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.557	65	10159	3.760	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.605	46	57881	54.306	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.620%	
24) Chloroform-d	5.049	84	60306	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.689	65	35434	5.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.715	84	94255	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.679	67	29223	4.856	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.888	98	83383	3.943	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.171	79	13240	4.414	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.621	63	47364	50.203	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.400%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	22443	4.453	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	32613	5.083	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	9389	1.606	ug/L #	64
19) 1,1-Dichloroethane	3.856	63	5309	0.474	ug/L #	93
29) 1,1,1-Trichloroethane	5.300	97	149657	11.112	ug/L	99
31) Carbon tetrachloride	5.300	117	16892	1.365	ug/L	99
35) Methylcyclohexane	6.679	83	7908	0.737	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3916	0.651	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3730	1.090	ug/L #	56

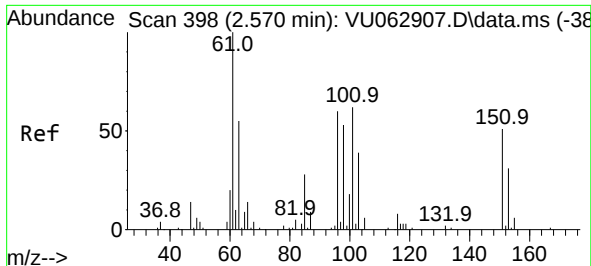
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.606 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

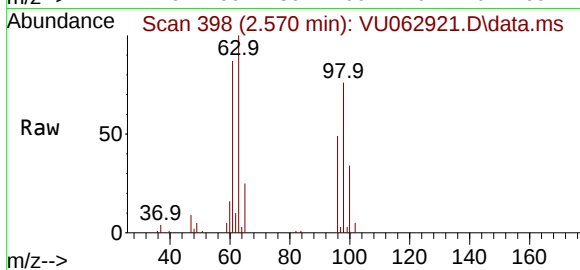
Lab File: VU062921.D

Acq: 20 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :



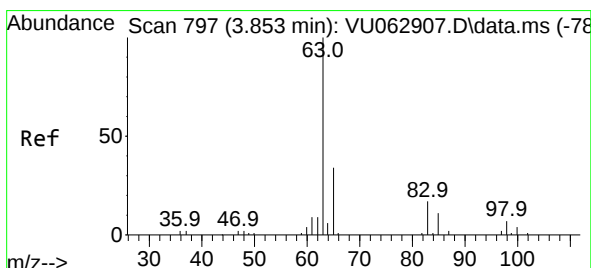
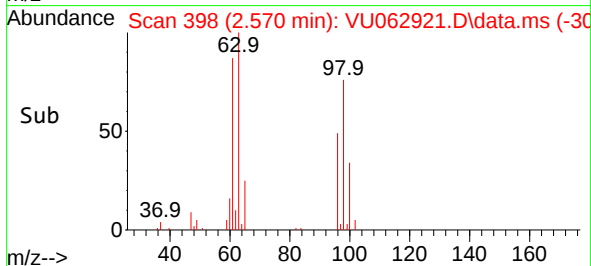
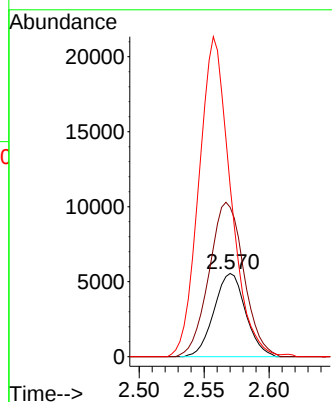
Tgt Ion: 96 Resp: 9389

Ion Ratio Lower Upper

96 100

61 179.6 120.4 223.6

63 205.6 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 0.474 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU062921.D

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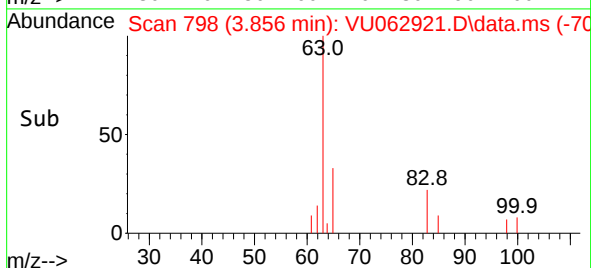
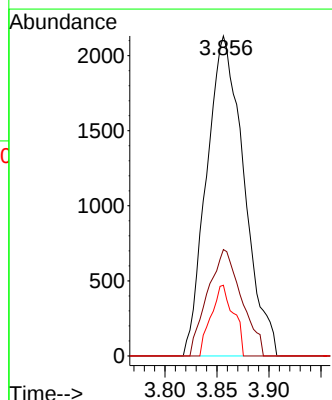
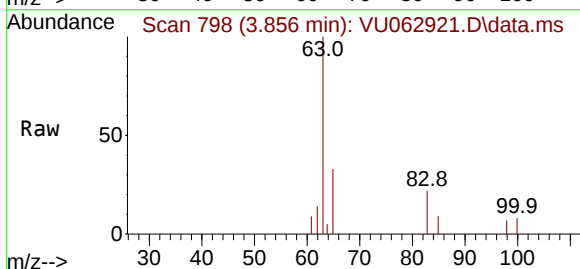
Tgt Ion: 63 Resp: 5309

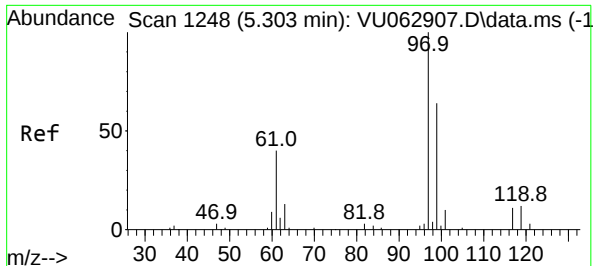
Ion Ratio Lower Upper

63 100

65 31.6 20.7 38.5

83 21.0 10.5 19.5#





#29

1,1,1-Trichloroethane

Concen: 11.112 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU062921.D

Acq: 20 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

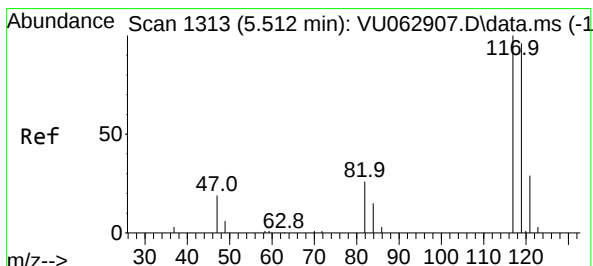
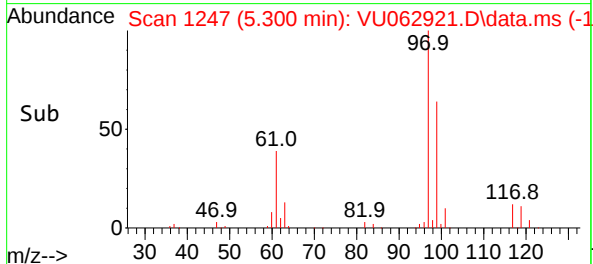
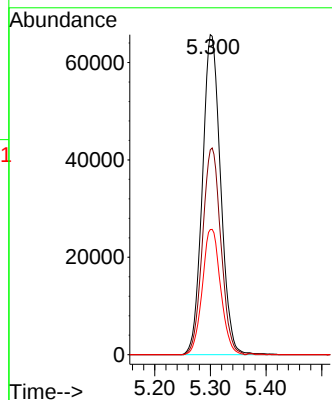
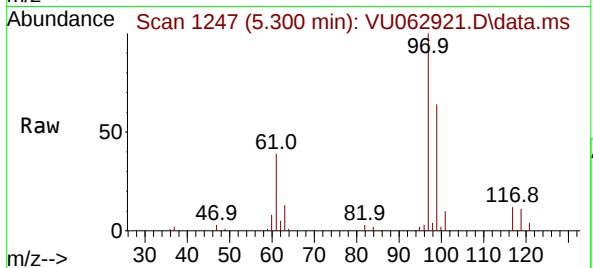
Tgt Ion: 97 Resp: 149657

Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 39.3 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.365 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062921.D

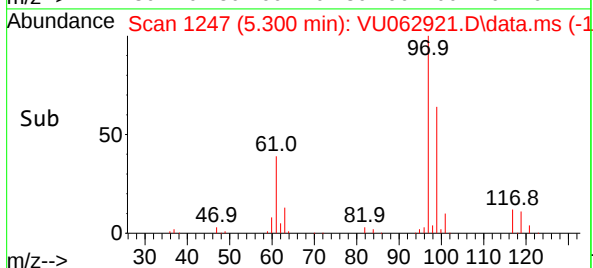
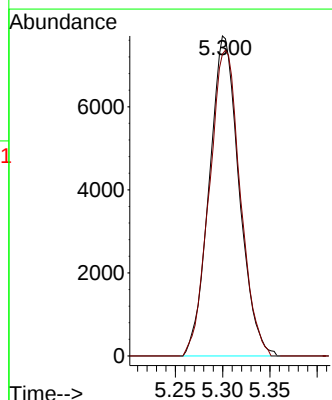
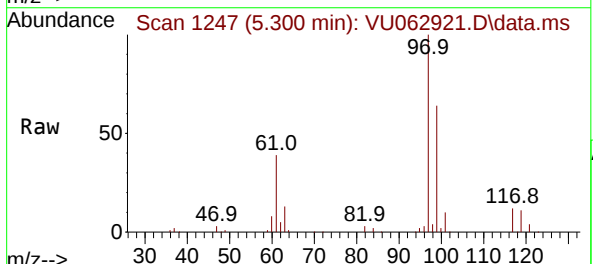
Acq: 20 Jan 2025 15:55

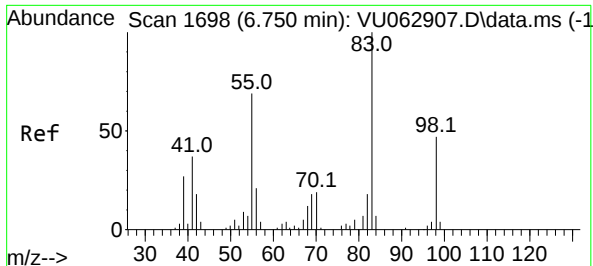
Tgt Ion: 117 Resp: 16892

Ion Ratio Lower Upper

117 100

119 99.0 78.6 118.0





#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062921.D

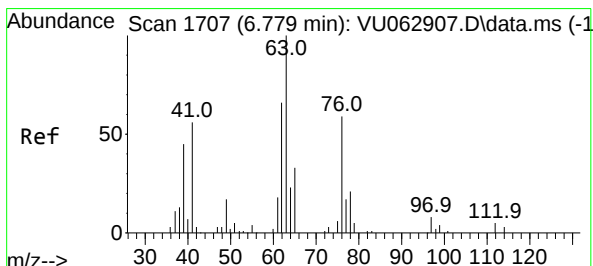
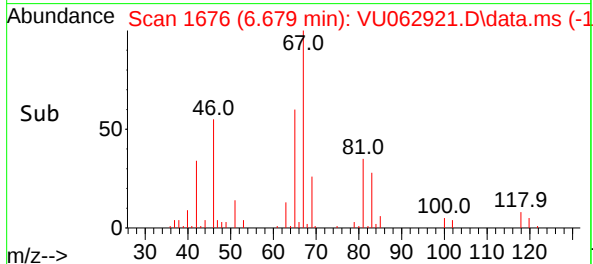
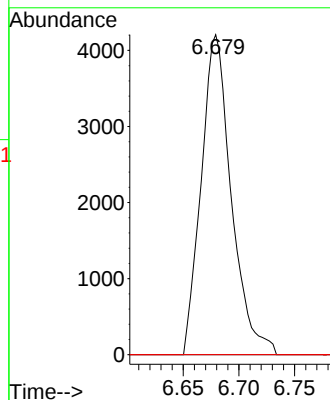
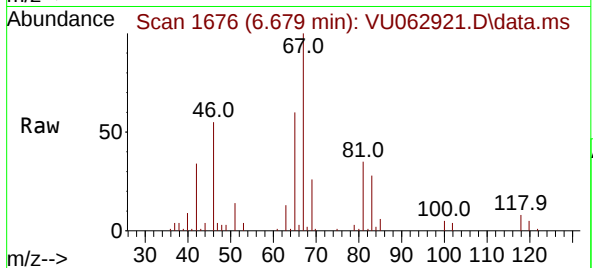
Acq: 20 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7908
Ion Ratio	Lower Upper
83 100	
55 0.0	57.2 85.8#
98 0.3	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.651 ug/L

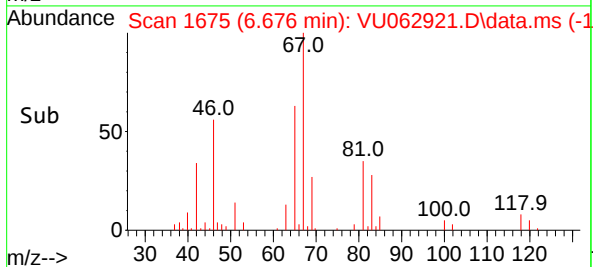
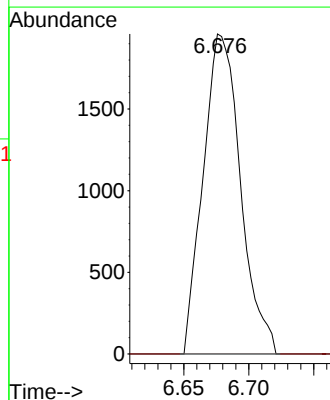
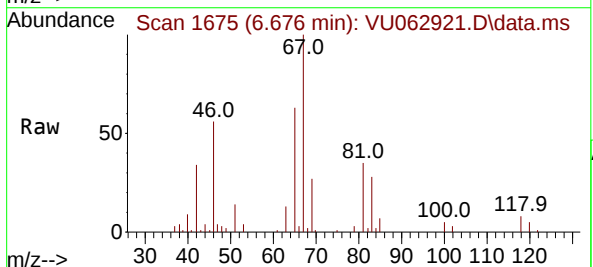
RT: 6.676 min Scan# 1675

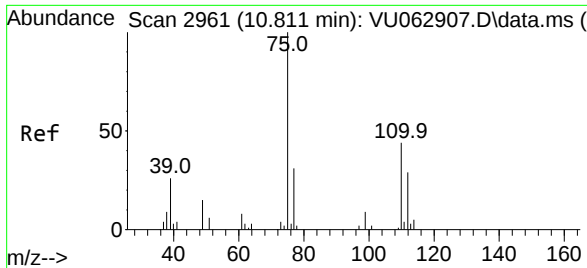
Delta R.T. -0.103 min

Lab File: VU062921.D

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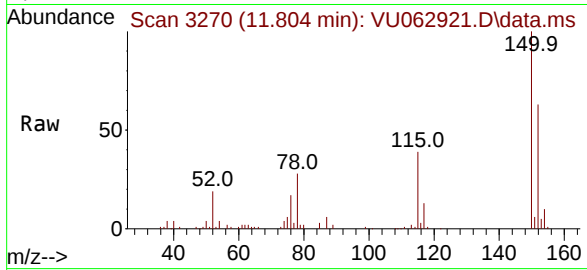
Tgt Ion: 63	Resp: 3916
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.090 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062921.D
 Acq: 20 Jan 2025 15:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3730
 Ion Ratio Lower Upper
 75 100
 110 1.6 33.2 49.8#
 77 43.0 25.9 38.9#

