

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062931.D
 Acq On : 20 Jan 2025 20:00
 Operator : MD/SY
 Sample : Q1086-07DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:45:07 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)

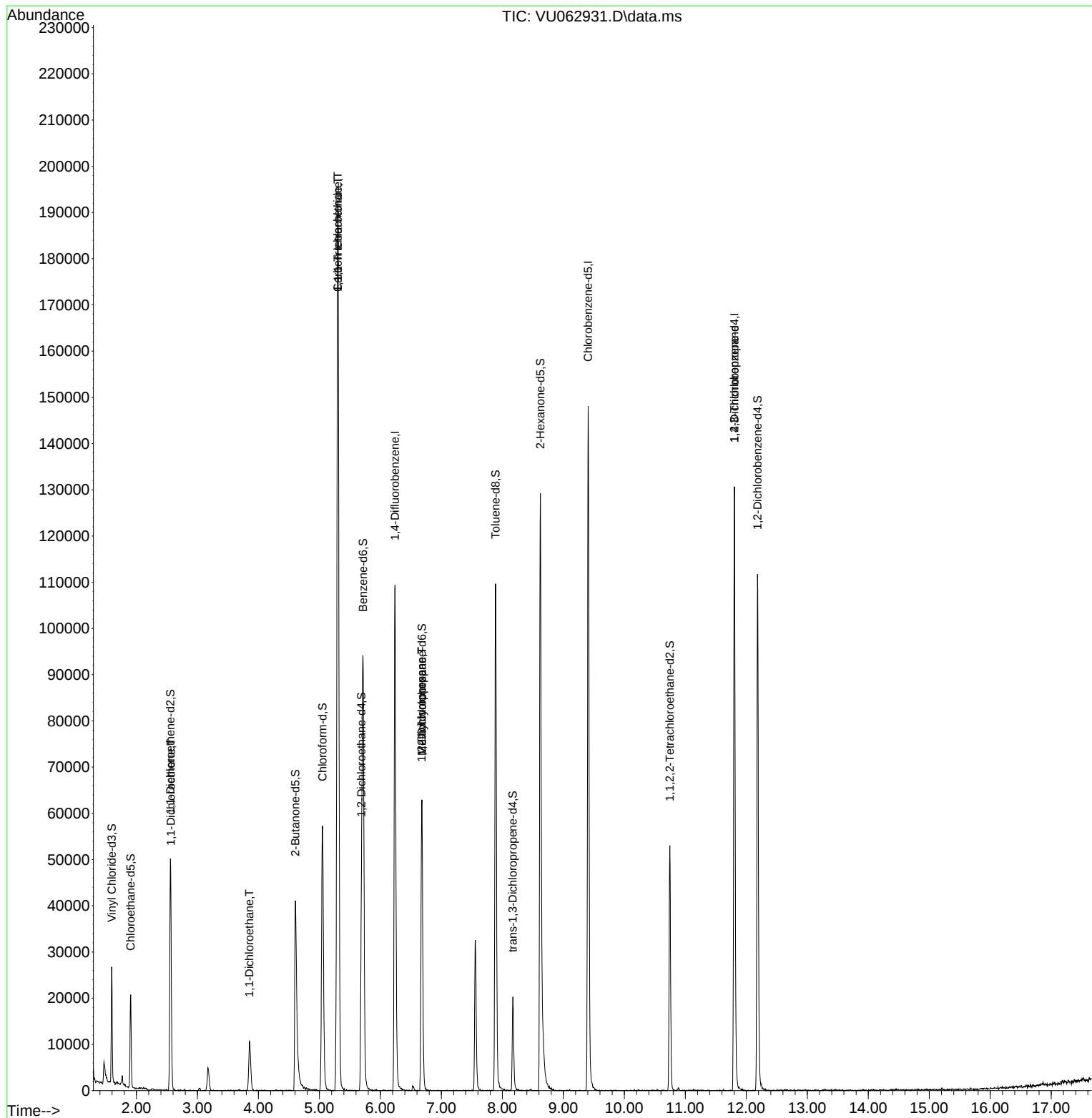
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	89582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	84360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17098	3.446	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.000%	
7) Chloroethane-d5	1.904	69	14572	3.651	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.000%	
11) 1,1-Dichloroethene-d2	2.557	65	9704	3.776	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	4.605	46	57770	56.971	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.940%	
24) Chloroform-d	5.049	84	56700	4.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.689	65	33979	5.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.714	84	89676	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.679	67	27453	4.802	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.888	98	77474	3.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.171	79	13262	4.653	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.621	63	45327	50.568	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.140%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25147	5.252	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	31342	5.135	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.563	96	2085	0.375	ug/L #	1
19) 1,1-Dichloroethane	3.853	63	12369	1.161	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	148661	11.618	ug/L	99
31) Carbon tetrachloride	5.300	117	17801	1.514	ug/L	98
35) Methylcyclohexane	6.679	83	7377	0.724	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3541	0.619	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3625	1.114	ug/L #	61

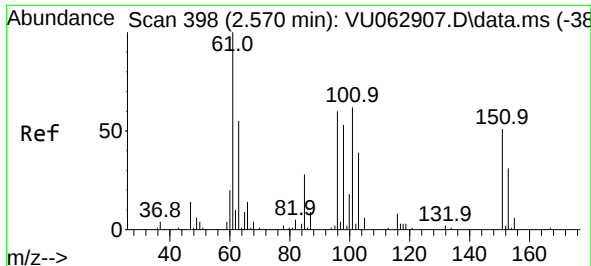
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.375 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.006 min

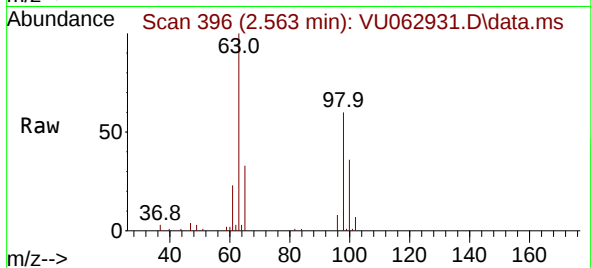
Lab File: VU062931.D

Acq: 20 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :



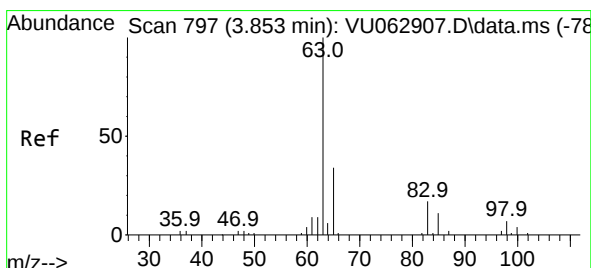
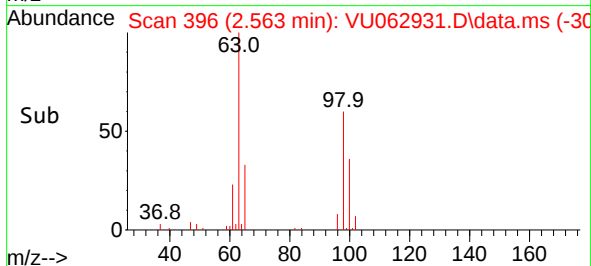
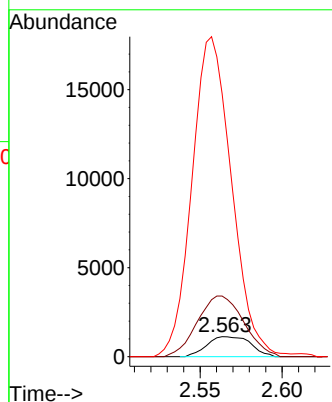
Tgt Ion: 96 Resp: 2085

Ion Ratio Lower Upper

96 100

61 302.6 120.4 223.6#

63 1313.6 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 1.161 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.000 min

Lab File: VU062931.D

Acq: 20 Jan 2025 20:00

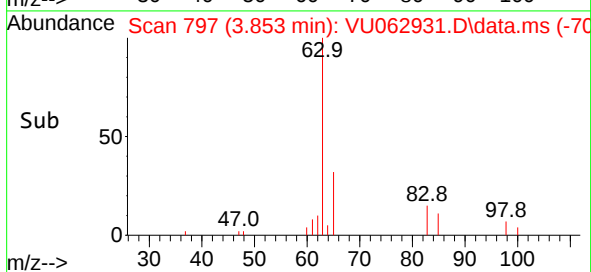
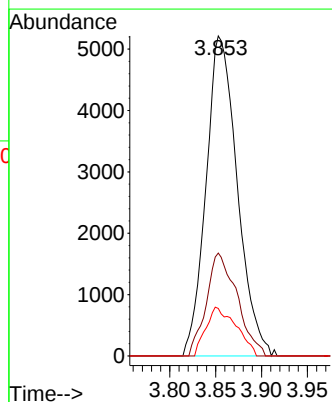
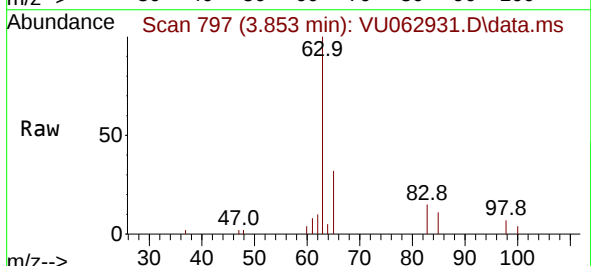
Tgt Ion: 63 Resp: 12369

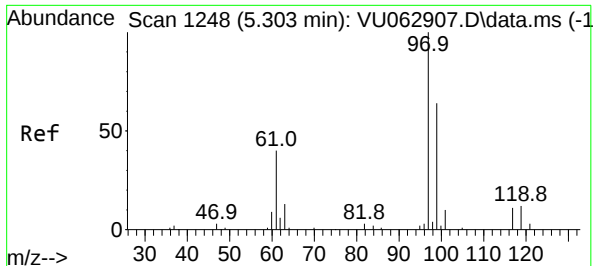
Ion Ratio Lower Upper

63 100

65 32.2 20.7 38.5

83 14.8 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 11.618 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU062931.D

Acq: 20 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :

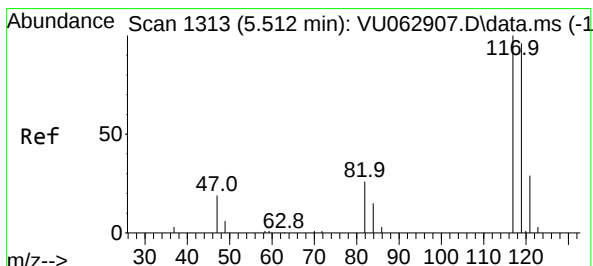
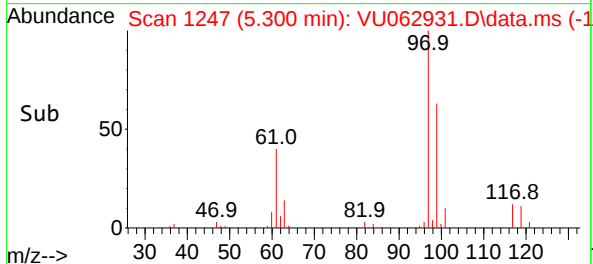
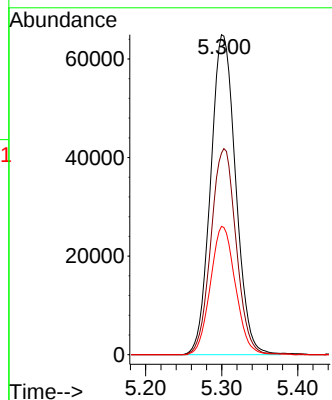
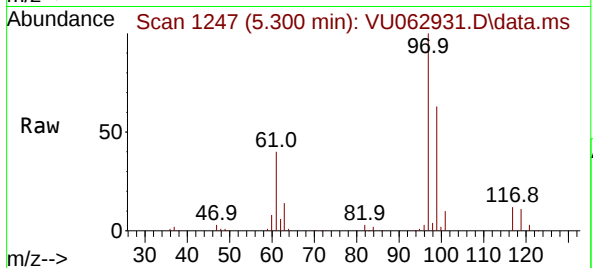
Tgt Ion: 97 Resp: 148661

Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 40.1 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.514 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062931.D

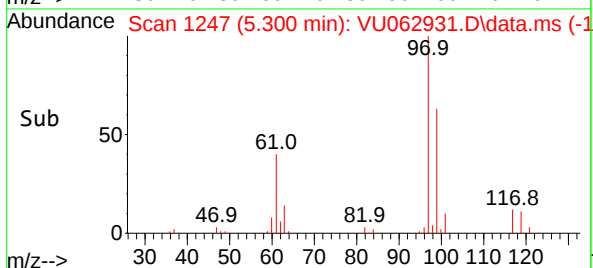
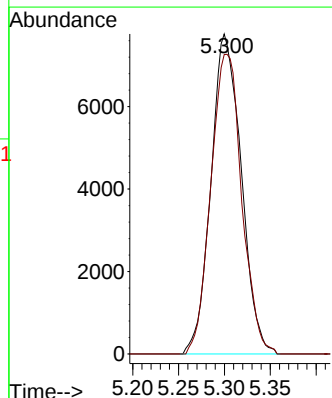
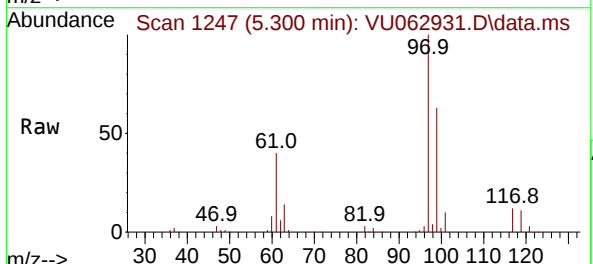
Acq: 20 Jan 2025 20:00

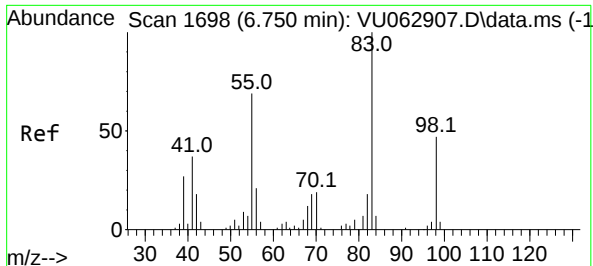
Tgt Ion: 117 Resp: 17801

Ion Ratio Lower Upper

117 100

119 95.8 78.6 118.0





#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062931.D

Acq: 20 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :

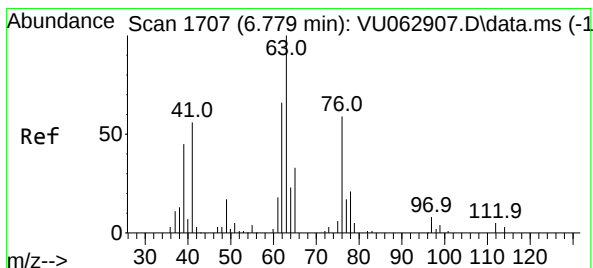
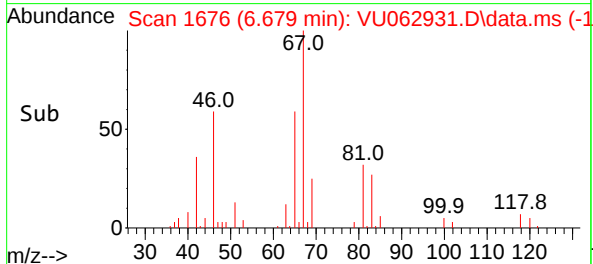
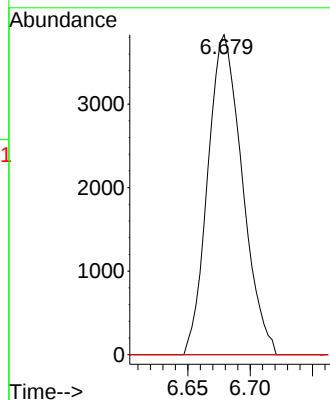
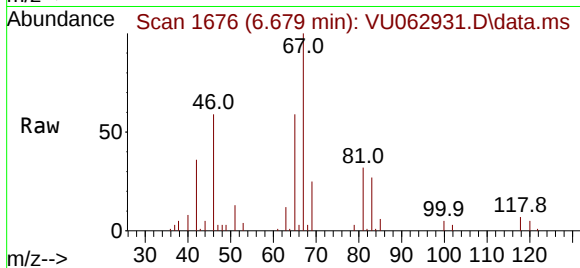
Tgt Ion: 83 Resp: 7377

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: 0.619 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.103 min

Lab File: VU062931.D

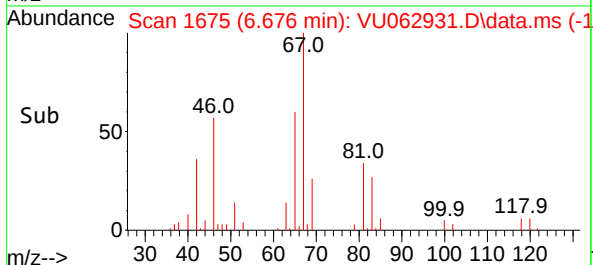
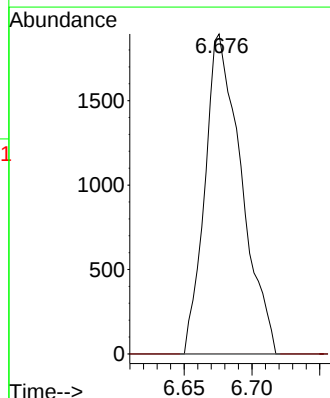
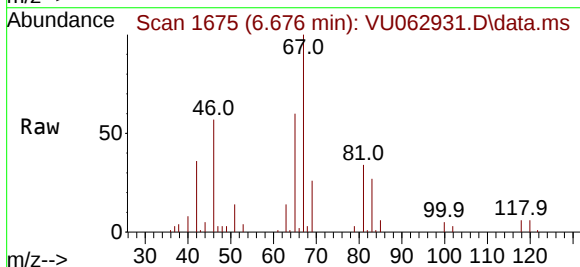
Acq: 20 Jan 2025 20:00

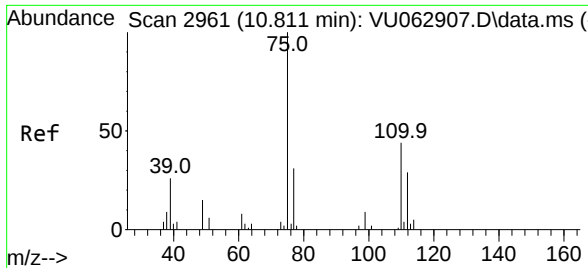
Tgt Ion: 63 Resp: 3541

Ion Ratio Lower Upper

63 100

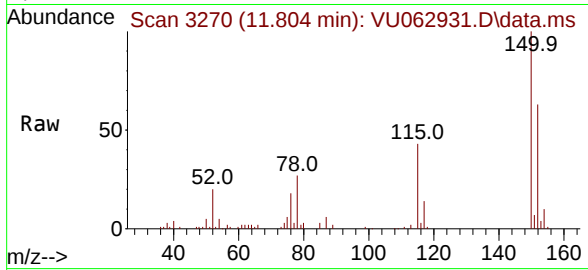
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.114 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062931.D
Acq: 20 Jan 2025 20:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3625
Ion Ratio Lower Upper
75 100
110 2.0 33.2 49.8#
77 37.4 25.9 38.9

