

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062922.D
 Acq On : 20 Jan 2025 16:19
 Operator : MD/SY
 Sample : Q1086-18DL 50X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:42:56 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)

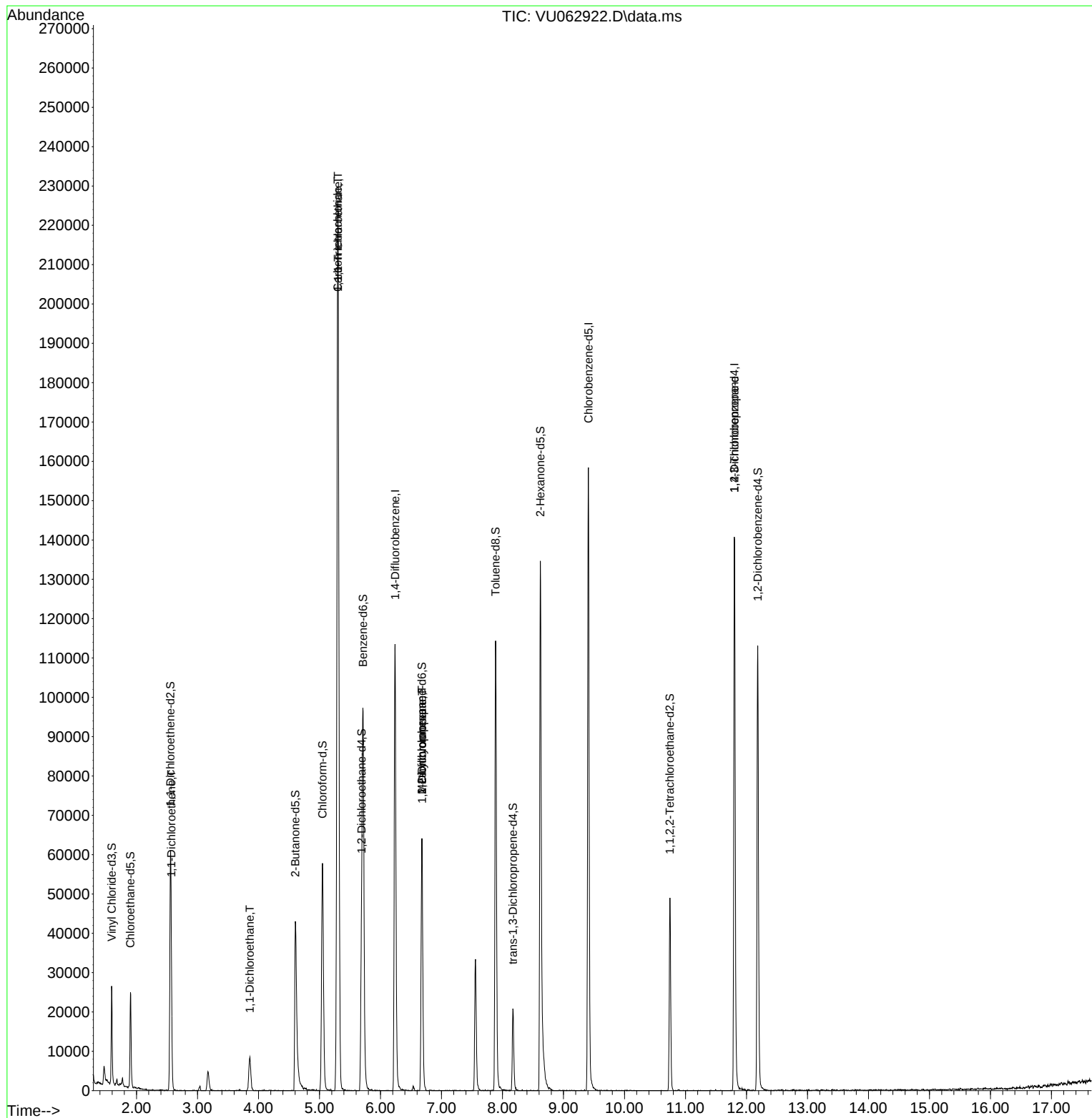
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93458	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87057	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	40526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16767	3.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.901	69	17116	4.111	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.557	65	9519	3.550	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	4.605	46	60172	56.879	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.760%	
24) Chloroform-d	5.049	84	56765	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.689	65	32978	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.714	84	90099	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.679	67	27248	4.618	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.888	98	79008	3.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.200%	
43) trans-1,3-Dichloroprop...	8.171	79	13168	4.477	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.621	63	47504	51.355	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.720%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	21969	4.446	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.000%	
66) 1,2-Dichlorobenzene-d4	12.183	152	32120	4.764	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	7247	1.249	ug/L #	52
19) 1,1-Dichloroethane	3.859	63	10091	0.908	ug/L	91
29) 1,1,1-Trichloroethane	5.303	97	174511	13.215	ug/L	98
31) Carbon tetrachloride	5.300	117	19658	1.620	ug/L	100
35) Methylcyclohexane	6.679	83	7409	0.705	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3921	0.665	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4136	1.151	ug/L #	61

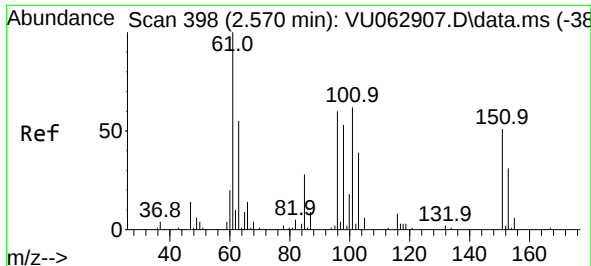
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.249 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU062922.D

Acq: 20 Jan 2025 16:19

Instrument :

MSVOA_U

ClientSampleId :

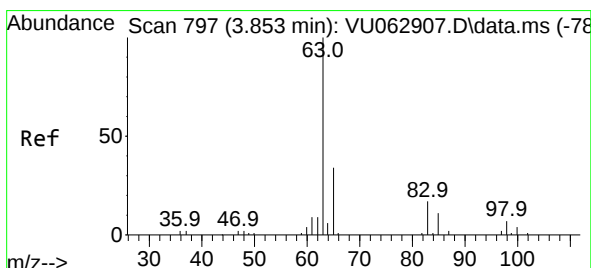
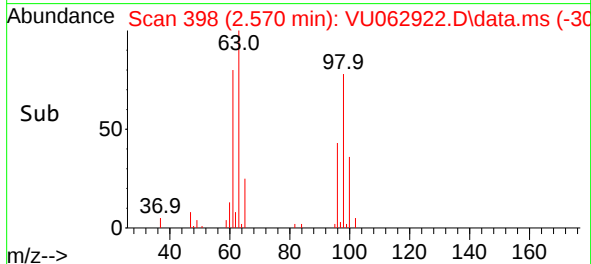
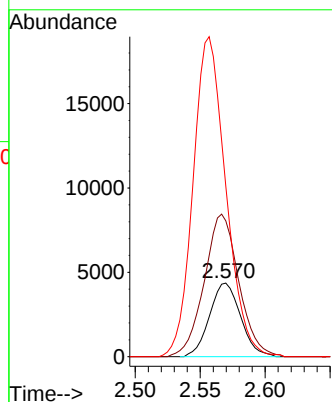
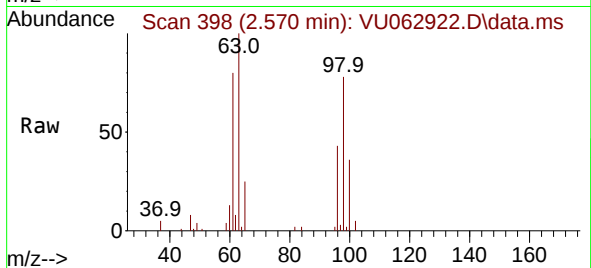
Tgt Ion: 96 Resp: 7247

Ion Ratio Lower Upper

96 100

61 184.4 120.4 223.6

63 231.6 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 0.908 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.006 min

Lab File: VU062922.D

Acq: 20 Jan 2025 16:19

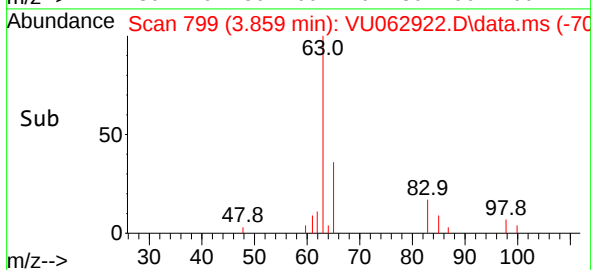
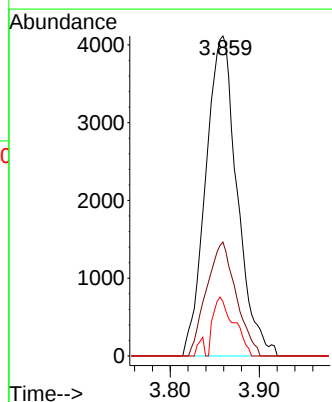
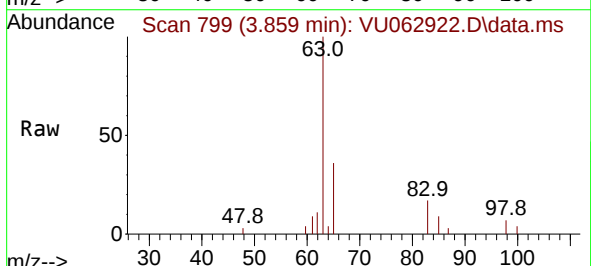
Tgt Ion: 63 Resp: 10091

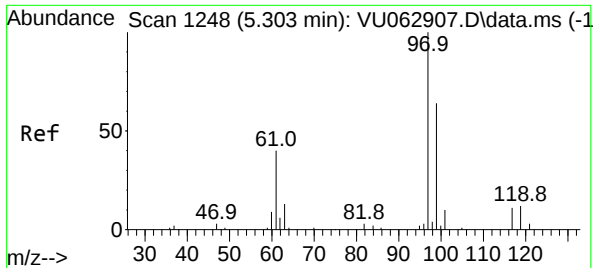
Ion Ratio Lower Upper

63 100

65 35.6 20.7 38.5

83 17.0 10.5 19.5

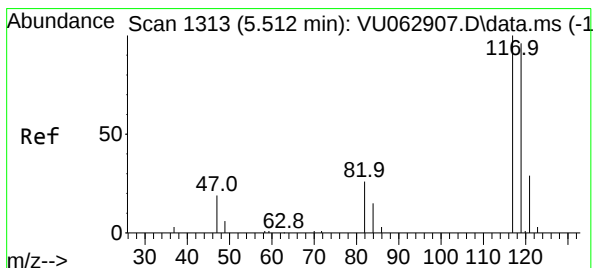
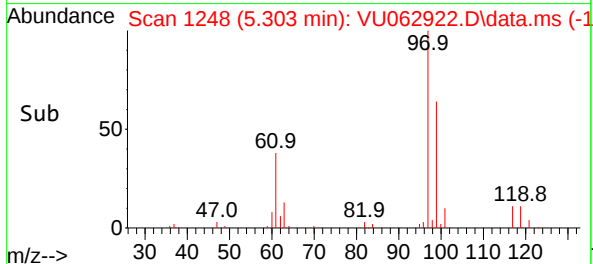
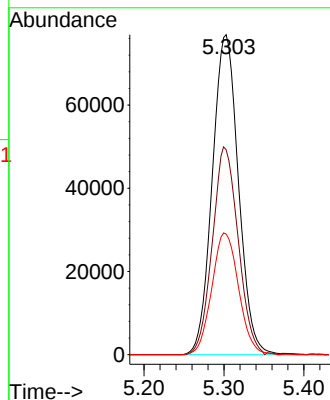
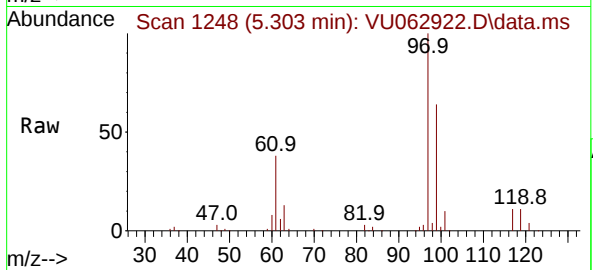




#29
1,1,1-Trichloroethane
Concen: 13.215 ug/L
RT: 5.303 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062922.D
Acq: 20 Jan 2025 16:19

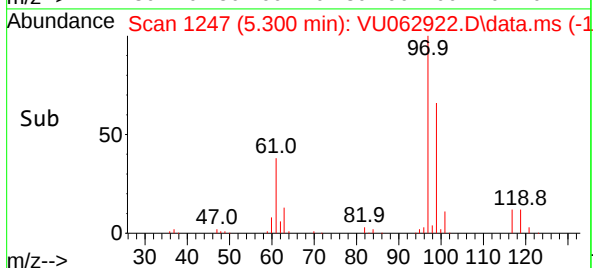
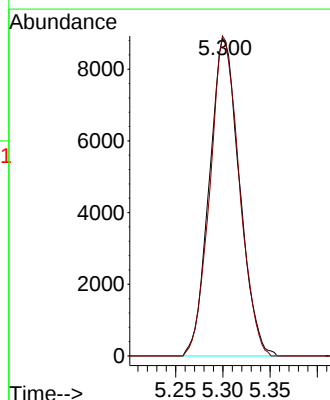
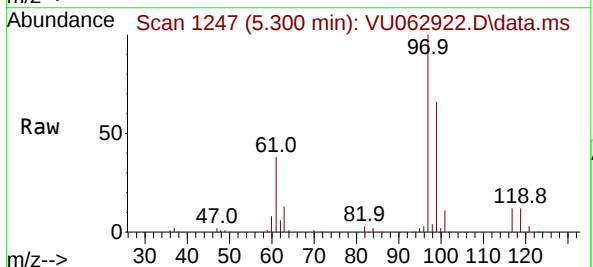
Instrument :
MSVOA_U
ClientSampleId :

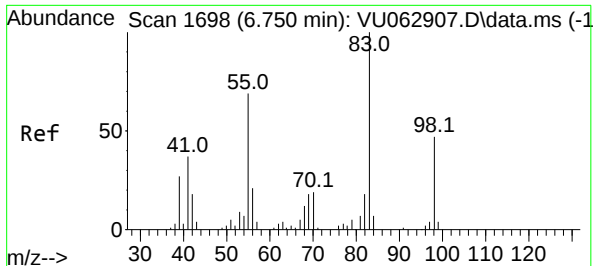
Tgt Ion: 97 Resp: 174511
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 39.0 32.2 48.4



#31
Carbon tetrachloride
Concen: 1.620 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.212 min
Lab File: VU062922.D
Acq: 20 Jan 2025 16:19

Tgt Ion: 117 Resp: 19658
Ion Ratio Lower Upper
117 100
119 97.8 78.6 118.0





#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062922.D

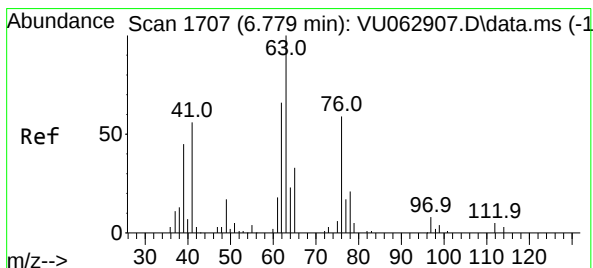
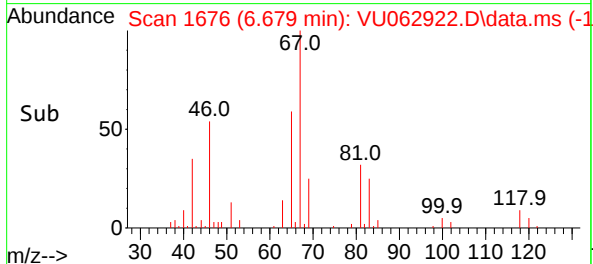
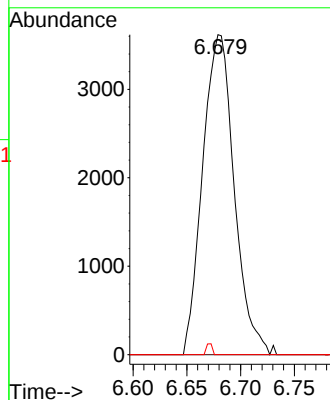
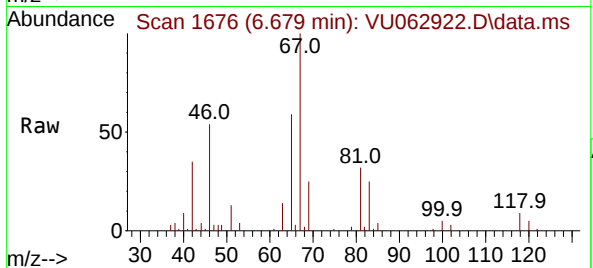
Acq: 20 Jan 2025 16:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7409
Ion Ratio	Lower Upper
83	100
55	0.0 57.2 85.8#
98	0.6 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.665 ug/L

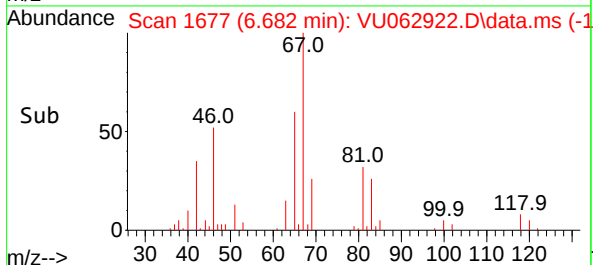
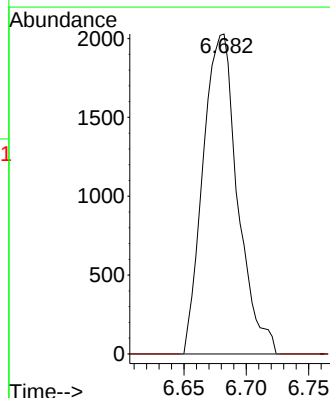
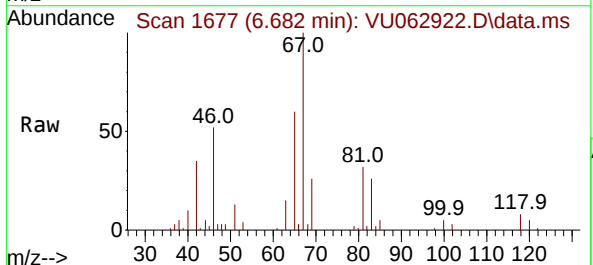
RT: 6.682 min Scan# 1677

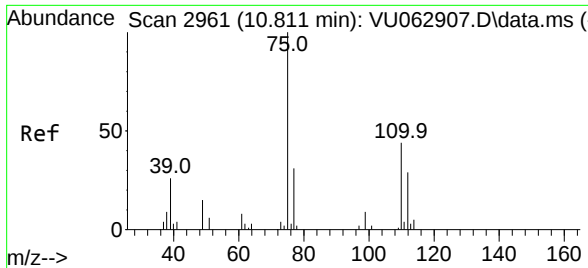
Delta R.T. -0.097 min

Lab File: VU062922.D

Acq: 20 Jan 2025 16:19

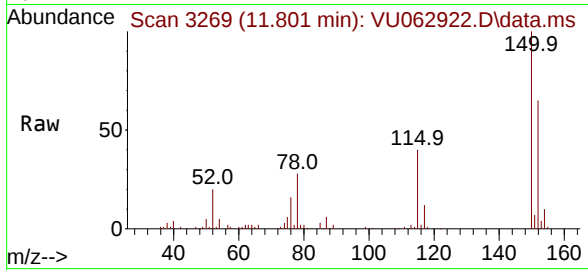
Tgt Ion: 63	Resp: 3921
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.151 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062922.D
Acq: 20 Jan 2025 16:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4136
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 35.1 25.9 38.9

