

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062930.D
 Acq On : 20 Jan 2025 19:36
 Operator : MD/SY
 Sample : Q1086-06DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:44:51 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)

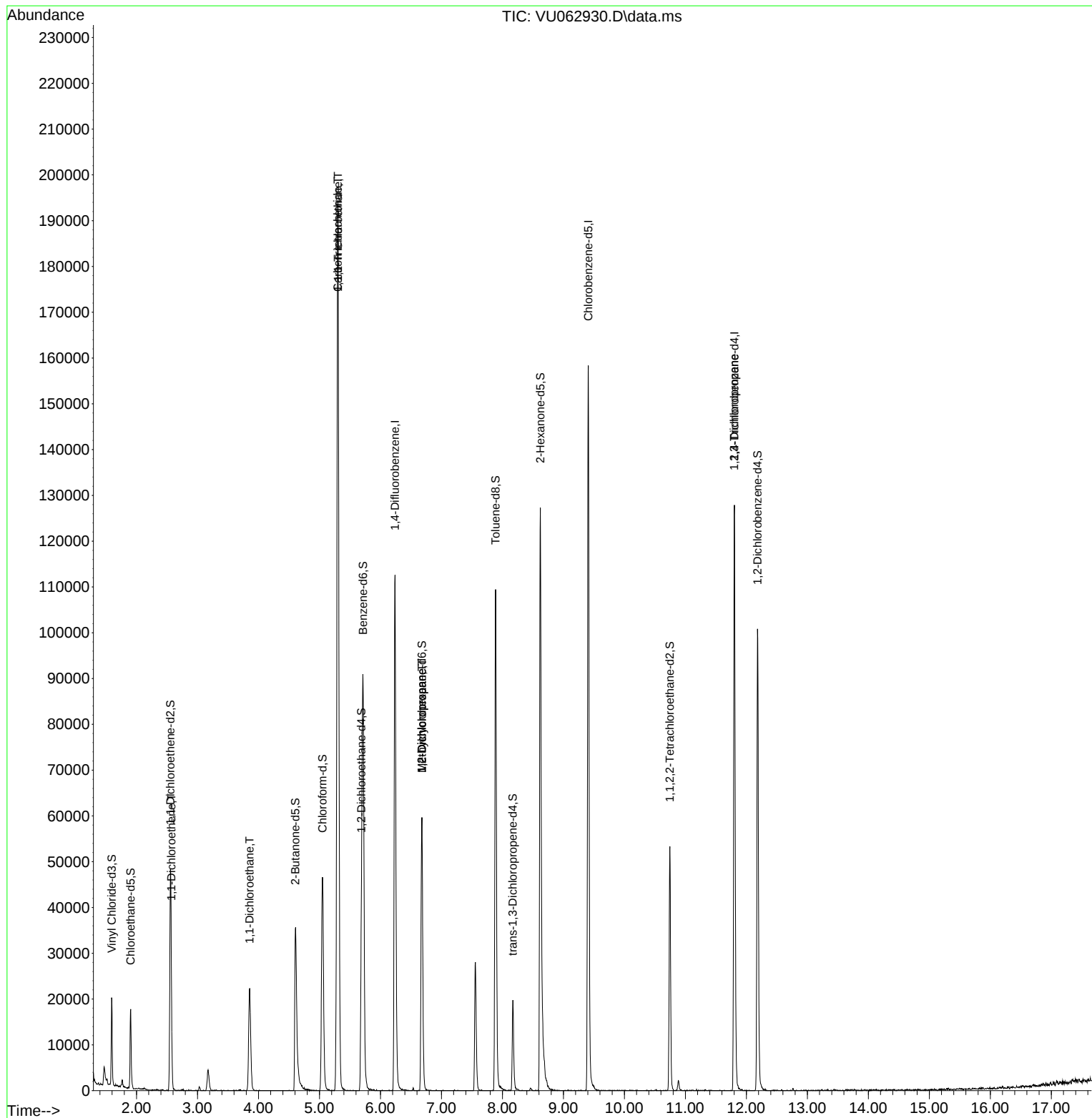
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91286	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12945	2.560	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.200%
7) Chloroethane-d5	1.904	69	12582	3.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.800%#
11) 1,1-Dichloroethene-d2	2.557	65	8607	3.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.605	46	49220	47.634	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.260%
24) Chloroform-d	5.049	84	48361	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.688	65	31615	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.714	84	85581	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.679	67	26332	4.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.888	98	76273	3.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.171	79	11846	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.621	63	43648	46.854	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24633	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	28799	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	3803	0.671	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	25544	2.353	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	148252	11.148	ug/L	100
31) Carbon tetrachloride	5.299	117	17226	1.409	ug/L	98
35) Methylcyclohexane	6.679	83	7068	0.668	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3243	0.546	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3245	0.971	ug/L #	55

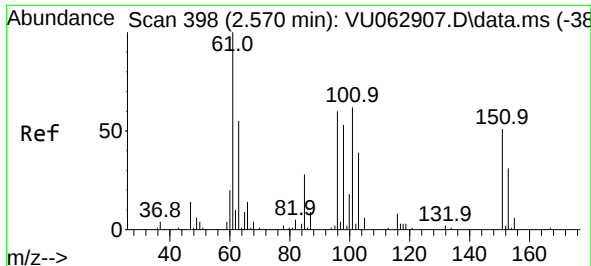
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
Data File : VU062930.D
Acq On : 20 Jan 2025 19:36
Operator : MD/SY
Sample : Q1086-06DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 21 02:44:51 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

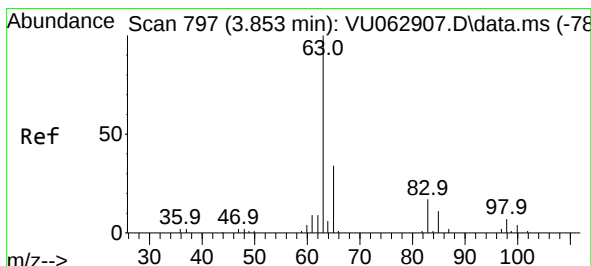
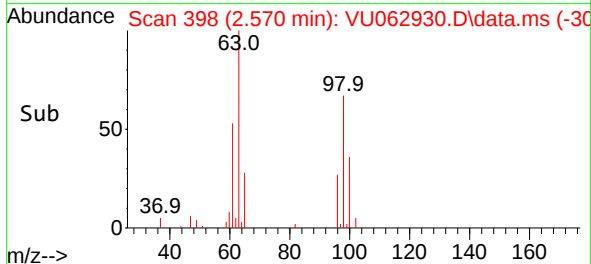
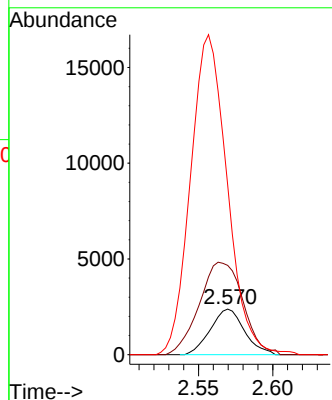
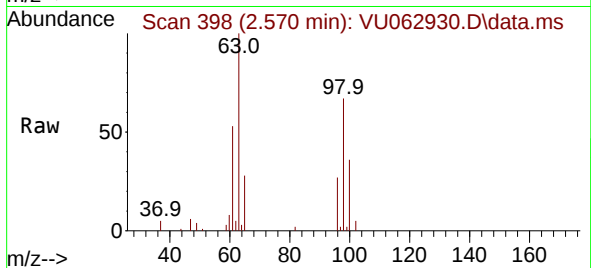




#12
 1,1-Dichloroethene
 Concen: 0.671 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062930.D
 Acq: 20 Jan 2025 19:36

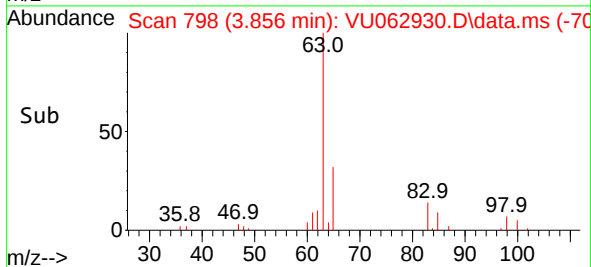
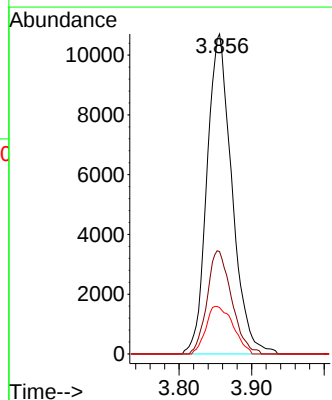
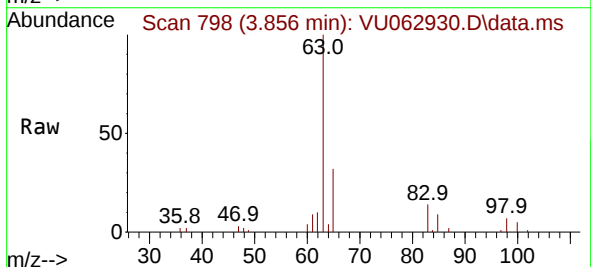
Instrument :
 MSVOA_U
 ClientSampleId :

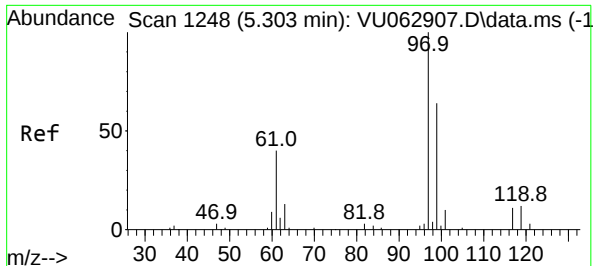
Tgt Ion: 96 Resp: 3803
 Ion Ratio Lower Upper
 96 100
 61 195.9 120.4 223.6
 63 371.1 82.3 152.9#



#19
 1,1-Dichloroethane
 Concen: 2.353 ug/L
 RT: 3.856 min Scan# 798
 Delta R.T. 0.003 min
 Lab File: VU062930.D
 Acq: 20 Jan 2025 19:36

Tgt Ion: 63 Resp: 25544
 Ion Ratio Lower Upper
 63 100
 65 32.0 20.7 38.5
 83 14.5 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 11.148 ug/L

RT: 5.303 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU062930.D

Acq: 20 Jan 2025 19:36

Instrument :

MSVOA_U

ClientSampleId :

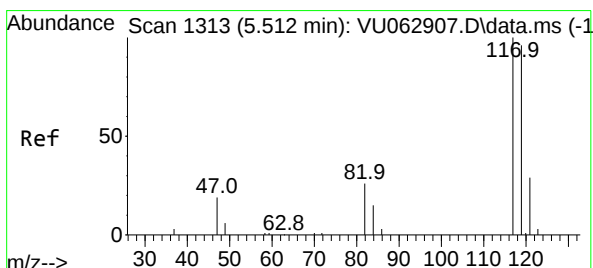
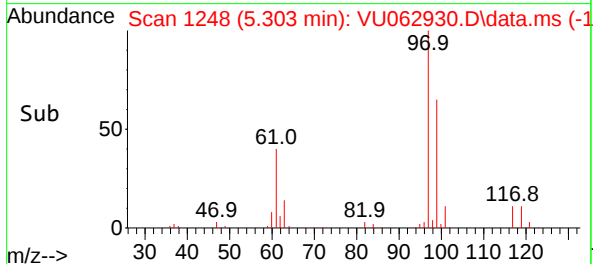
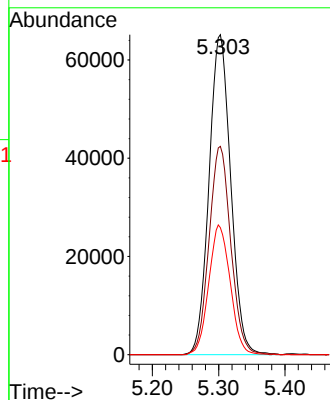
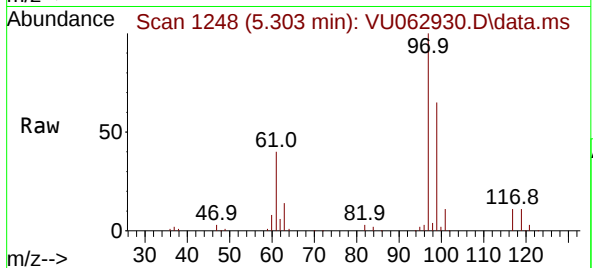
Tgt Ion: 97 Resp: 148252

Ion Ratio Lower Upper

97 100

99 65.2 52.4 78.6

61 40.0 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.409 ug/L

RT: 5.299 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062930.D

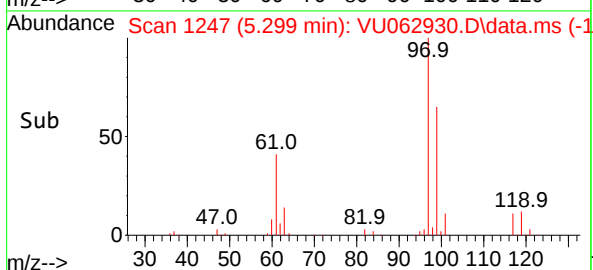
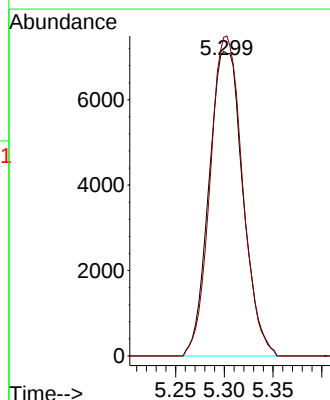
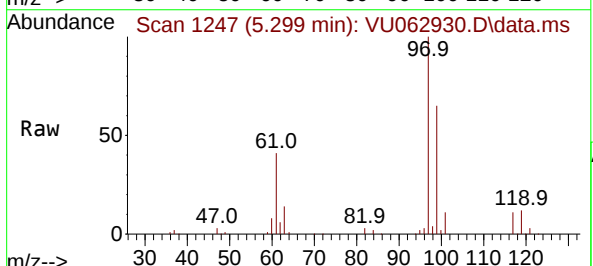
Acq: 20 Jan 2025 19:36

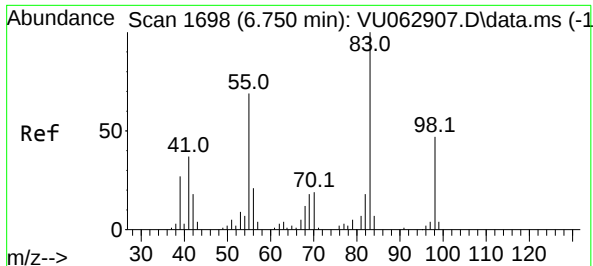
Tgt Ion: 117 Resp: 17226

Ion Ratio Lower Upper

117 100

119 100.0 78.6 118.0





#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062930.D

Acq: 20 Jan 2025 19:36

Instrument :

MSVOA_U

ClientSampleId :

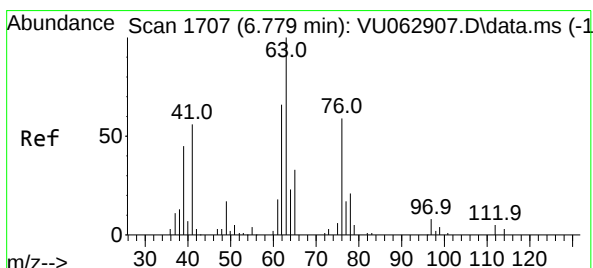
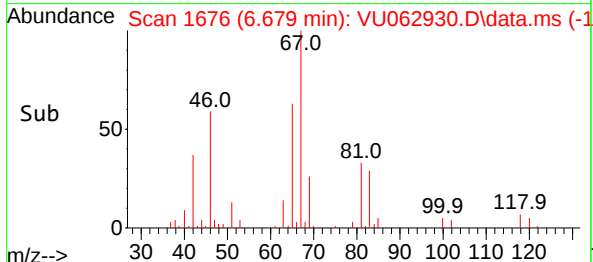
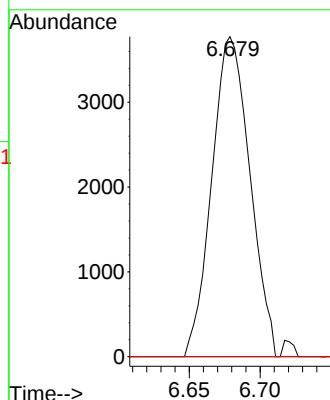
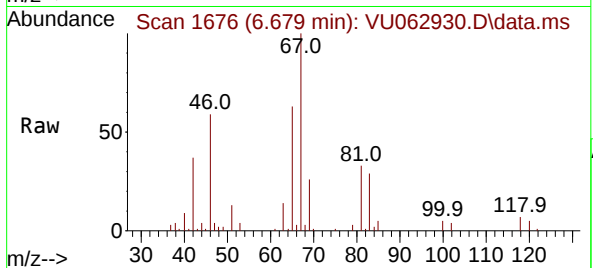
Tgt Ion: 83 Resp: 7068

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: 0.546 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU062930.D

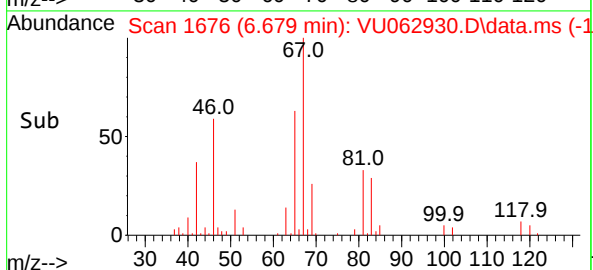
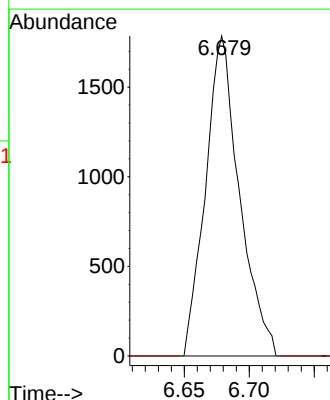
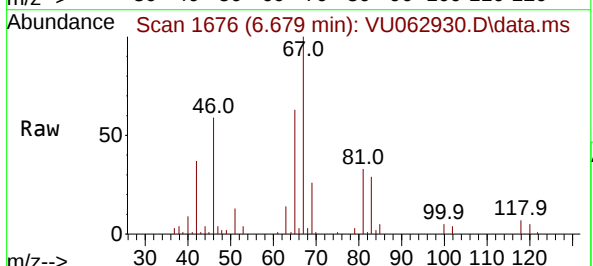
Acq: 20 Jan 2025 19:36

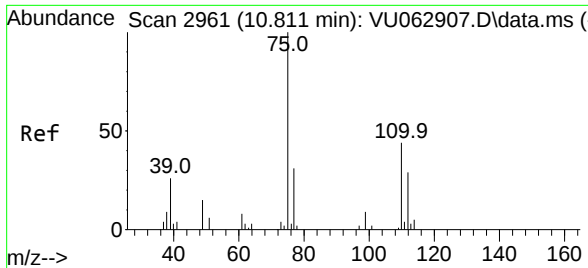
Tgt Ion: 63 Resp: 3243

Ion Ratio Lower Upper

63 100

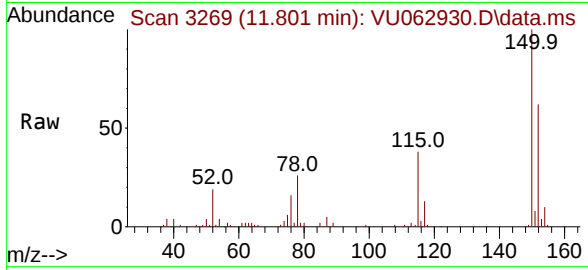
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 0.971 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062930.D
Acq: 20 Jan 2025 19:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	42.0	25.9	38.9#

