

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062926.D
 Acq On : 20 Jan 2025 17:57
 Operator : MD/SY
 Sample : Q1086-19DL 200X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:43:56 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)

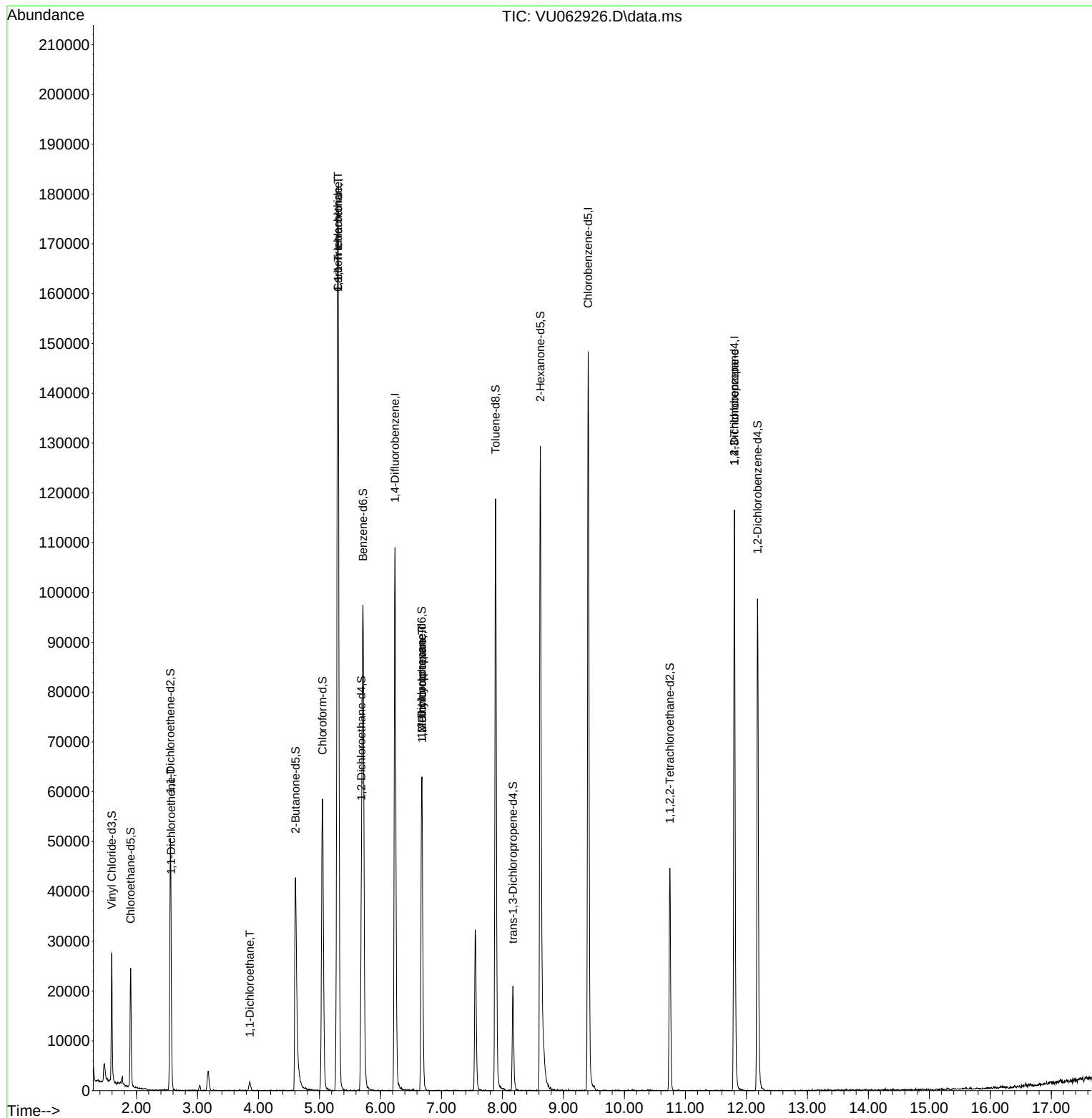
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	84240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17657	3.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.904	69	17057	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.557	65	9498	3.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.608	46	60418	59.987	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.980%
24) Chloroform-d	5.049	84	57725	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	33617	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.714	84	90359	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.676	67	28588	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	81821	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	12645	4.443	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.621	63	44834	50.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	19770	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	29230	4.965	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.566	96	1071	0.194	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	2215	0.209	ug/L	88
29) 1,1,1-Trichloroethane	5.303	97	136138	10.654	ug/L	100
31) Carbon tetrachloride	5.303	117	15683	1.336	ug/L	98
35) Methylcyclohexane	6.679	83	7656	0.753	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	3636	0.637	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	2781	0.886	ug/L #	60

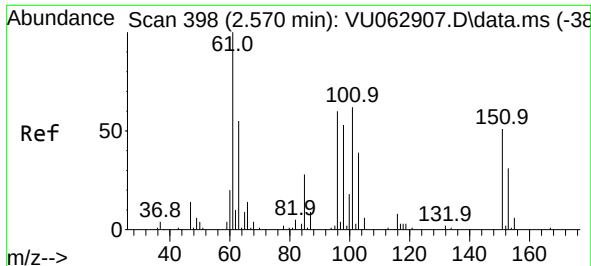
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.194 ug/L

RT: 2.566 min Scan# 398

Delta R.T. -0.003 min

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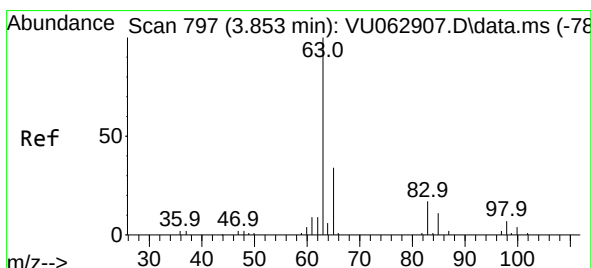
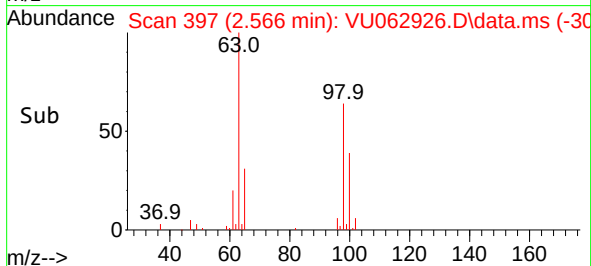
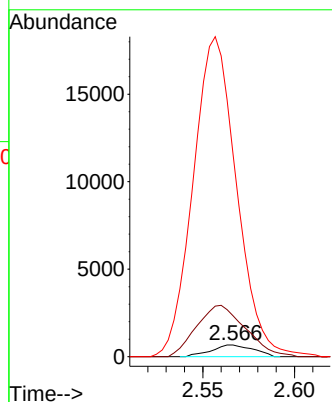
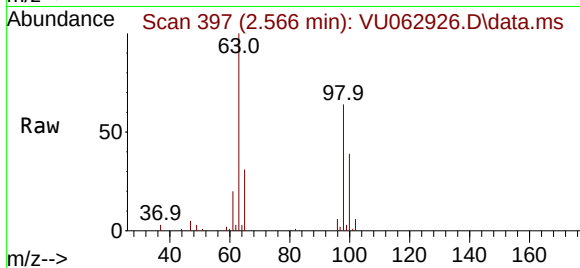
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1071

Ion	Ratio	Lower	Upper
96	100		
61	349.7	120.4	223.6#
63	1731.2	82.3	152.9#



#19

1,1-Dichloroethane

Concen: 0.209 ug/L

RT: 3.859 min Scan# 799

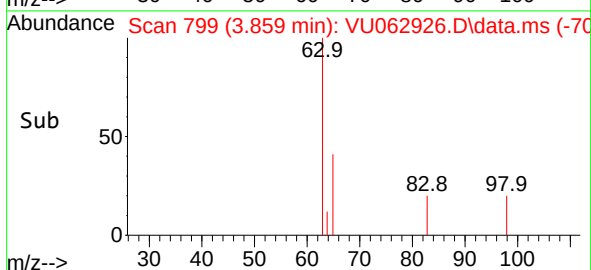
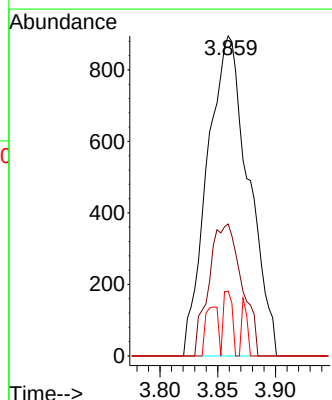
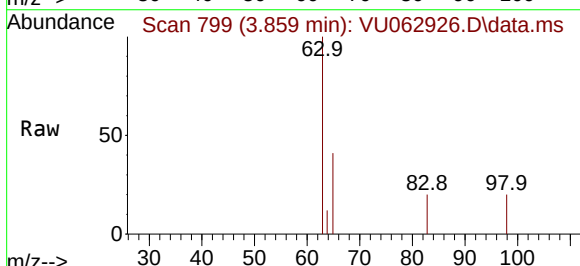
Delta R.T. 0.006 min

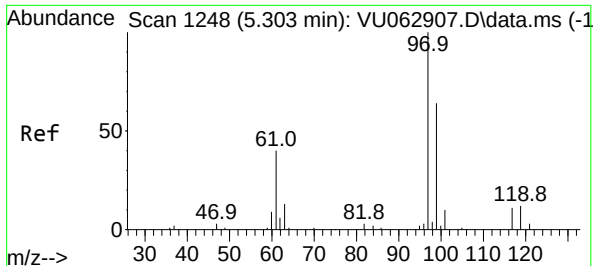
Lab File: VU062926.D

Acq: 20 Jan 2025 17:57

Tgt Ion: 63 Resp: 2215

Ion	Ratio	Lower	Upper
63	100		
65	36.9	20.7	38.5
83	18.1	10.5	19.5





#29

1,1,1-Trichloroethane

Concen: 10.654 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU062926.D

Acq: 20 Jan 2025 17:57

Instrument :

MSVOA_U

ClientSampleId :

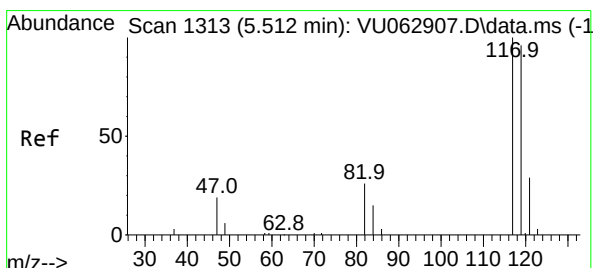
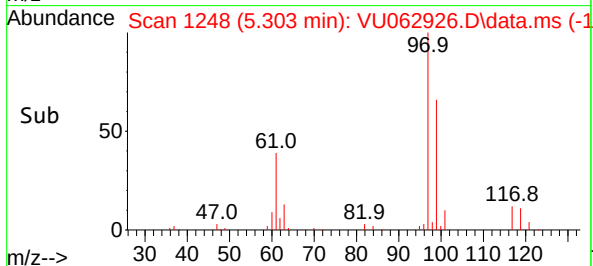
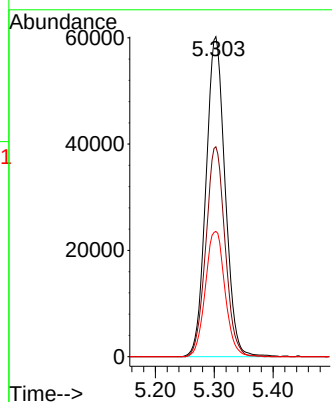
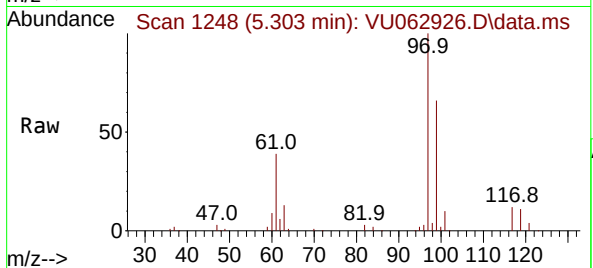
Tgt Ion: 97 Resp: 136138

Ion Ratio Lower Upper

97 100

99 65.9 52.4 78.6

61 40.2 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.336 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.209 min

Lab File: VU062926.D

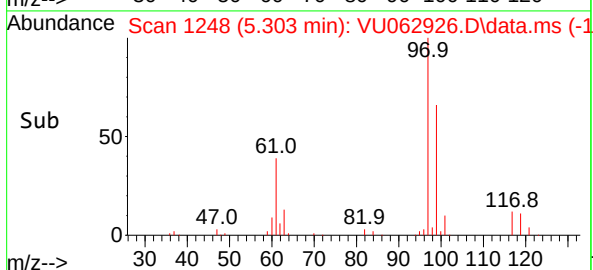
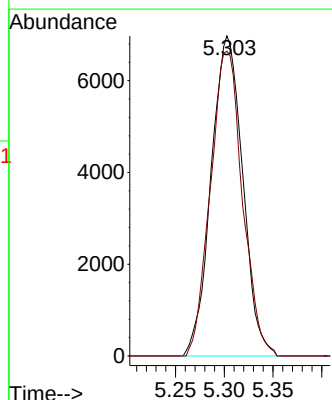
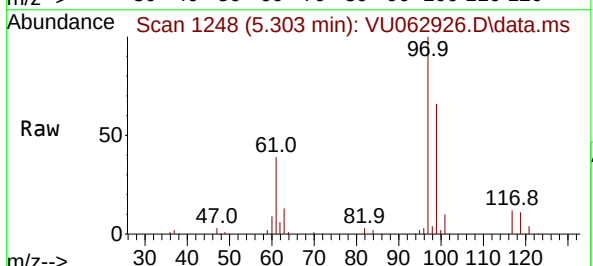
Acq: 20 Jan 2025 17:57

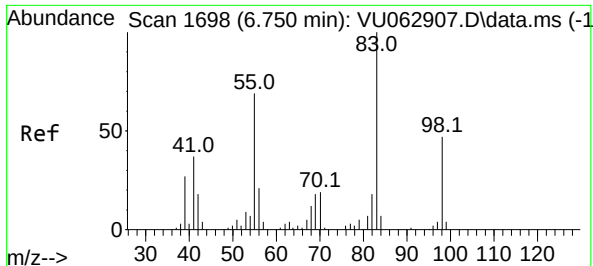
Tgt Ion: 117 Resp: 15683

Ion Ratio Lower Upper

117 100

119 96.5 78.6 118.0





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062926.D

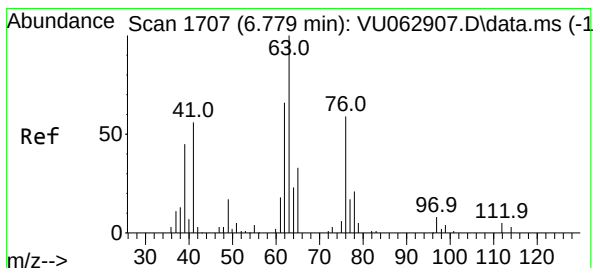
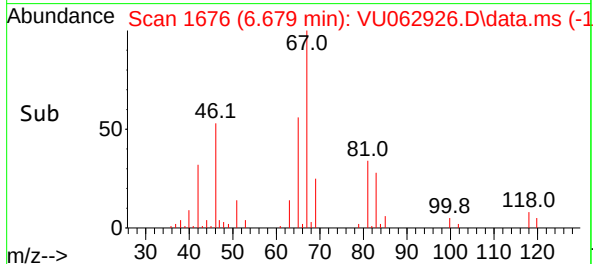
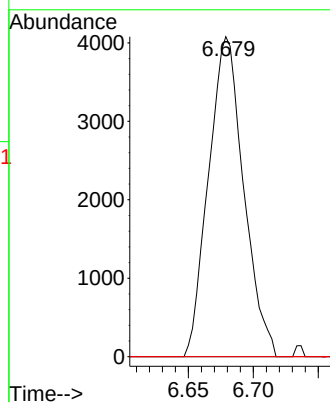
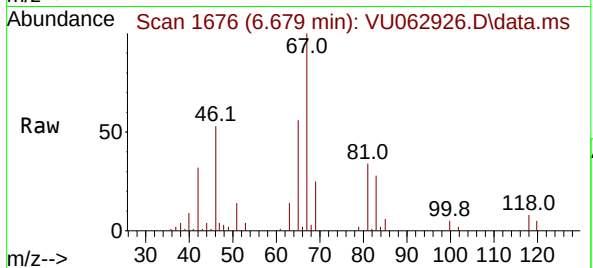
Acq: 20 Jan 2025 17:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	7656
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: 0.637 ug/L

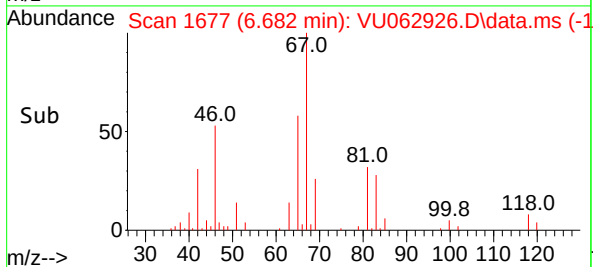
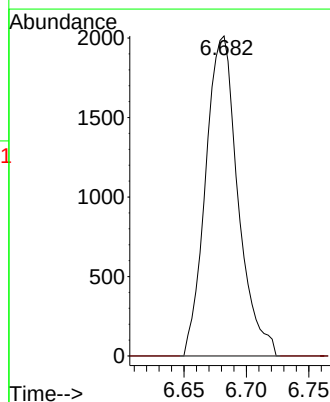
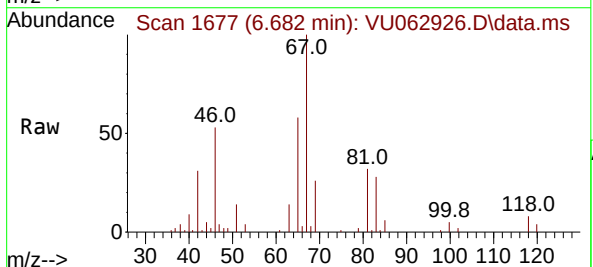
RT: 6.682 min Scan# 1677

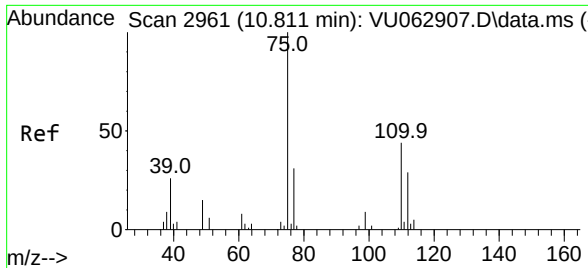
Delta R.T. -0.097 min

Lab File: VU062926.D

Acq: 20 Jan 2025 17:57

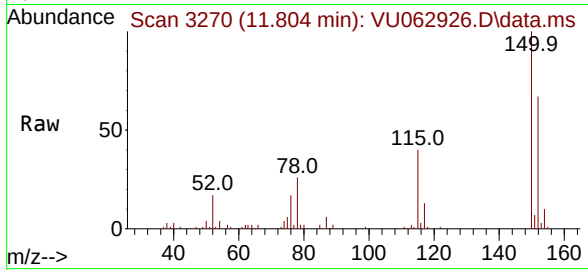
Tgt Ion: 63	Resp:	3636
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.886 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU062926.D
 Acq: 20 Jan 2025 17:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	2781
Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	36.0	25.9	38.9

