

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062925.D
 Acq On : 20 Jan 2025 17:33
 Operator : MD/SY
 Sample : Q1086-16DL 200X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:43:40 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)

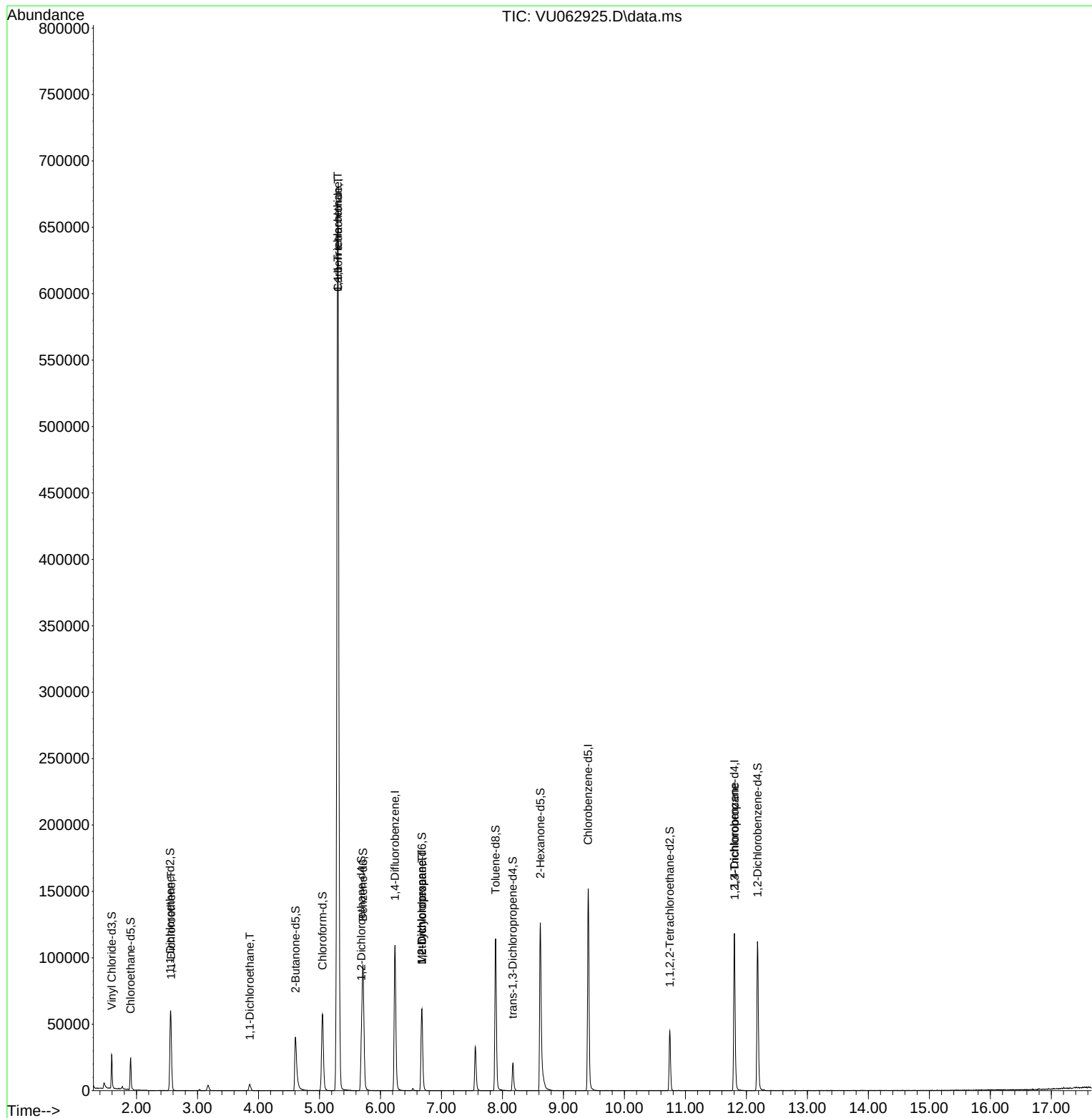
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	83878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17288	3.497	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.000%	
7) Chloroethane-d5	1.904	69	16439	4.134	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.554	65	9526	3.719	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	4.608	46	55392	54.821	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.640%	
24) Chloroform-d	5.049	84	56158	4.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.689	65	32838	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.714	84	89817	4.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.679	67	27751	4.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.888	98	78909	3.950	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	8.171	79	13022	4.595	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.621	63	43266	48.546	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.100%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	19687	4.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.800%	
66) 1,2-Dichlorobenzene-d4	12.184	152	32758	5.610	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.567	96	7568	1.366	ug/L #	25
19) 1,1-Dichloroethane	3.859	63	5776	0.544	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	517239	40.654	ug/L	98
31) Carbon tetrachloride	5.303	117	59315	5.073	ug/L	100
35) Methylcyclohexane	6.679	83	7774	0.767	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3443	0.606	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	3133	1.006	ug/L #	59

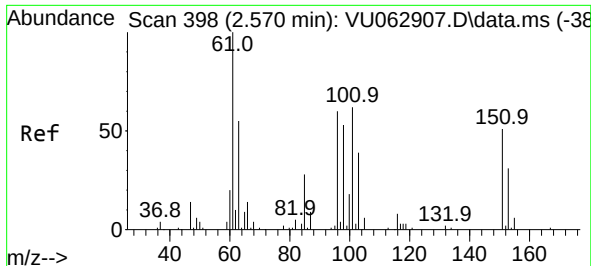
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.366 ug/L

RT: 2.567 min Scan# 398

Delta R.T. -0.003 min

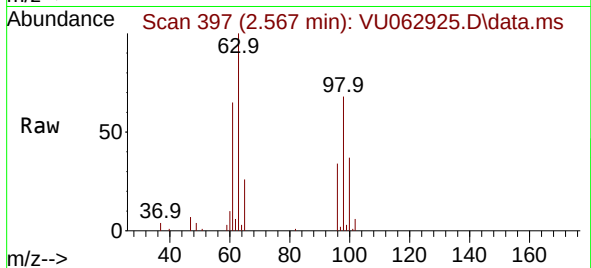
Lab File: VU062925.D

Acq: 20 Jan 2025 17:33

Instrument :

MSVOA_U

ClientSampleId :



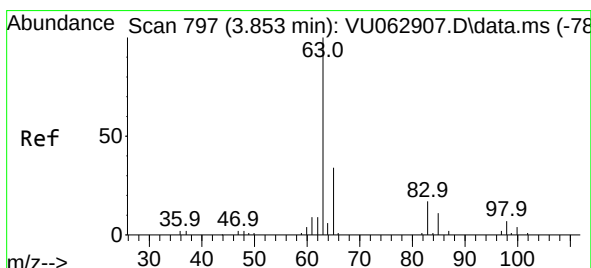
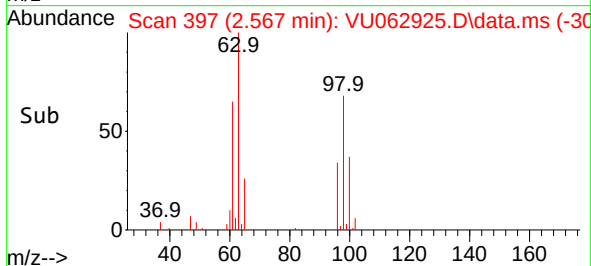
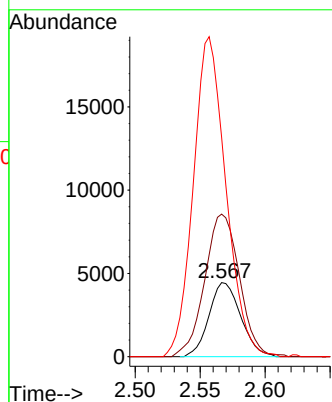
Tgt Ion: 96 Resp: 7568

Ion Ratio Lower Upper

96 100

61 192.6 120.4 223.6

63 296.1 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 0.544 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.006 min

Lab File: VU062925.D

Acq: 20 Jan 2025 17:33

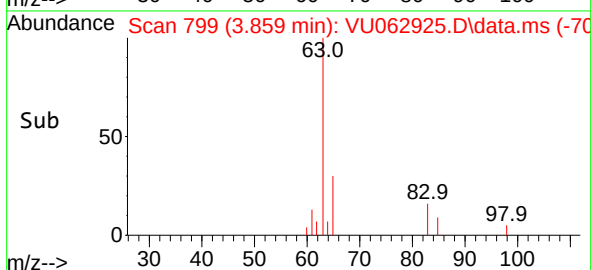
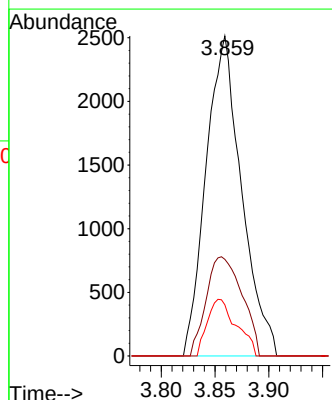
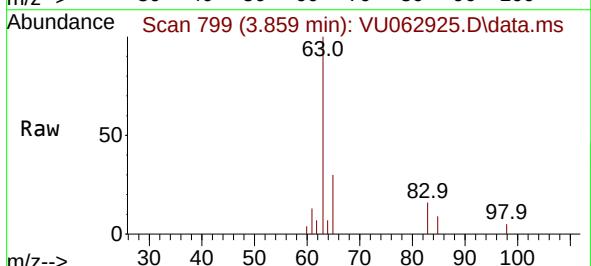
Tgt Ion: 63 Resp: 5776

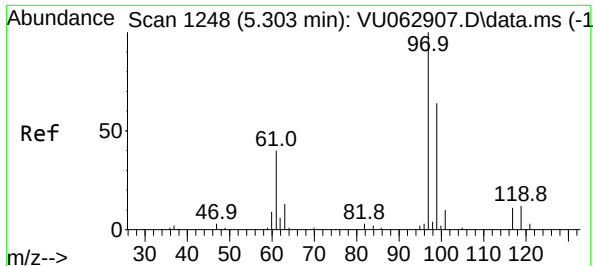
Ion Ratio Lower Upper

63 100

65 30.2 20.7 38.5

83 16.0 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 40.654 ug/L

RT: 5.300 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU062925.D

Acq: 20 Jan 2025 17:33

Instrument :

MSVOA_U

ClientSampleId :

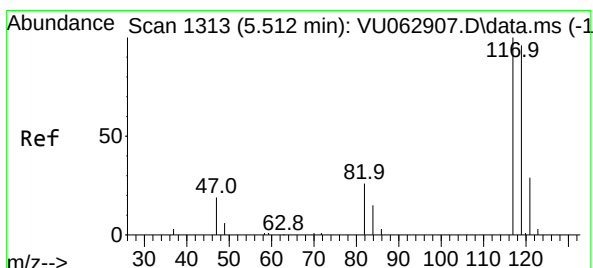
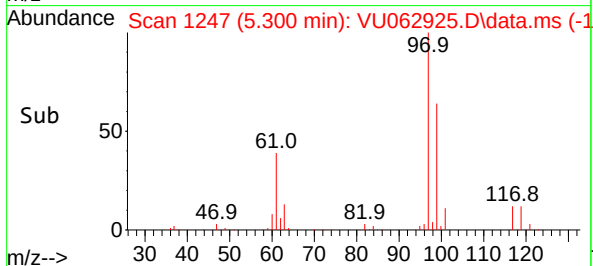
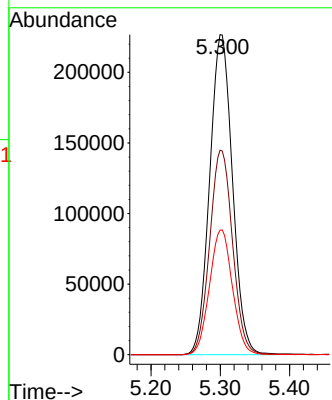
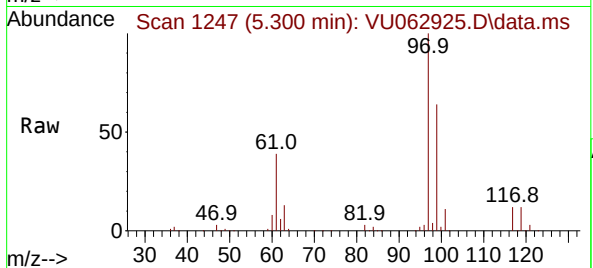
Tgt Ion: 97 Resp: 517239

Ion Ratio Lower Upper

97 100

99 64.3 52.4 78.6

61 39.3 32.2 48.4



#31

Carbon tetrachloride

Concen: 5.073 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.209 min

Lab File: VU062925.D

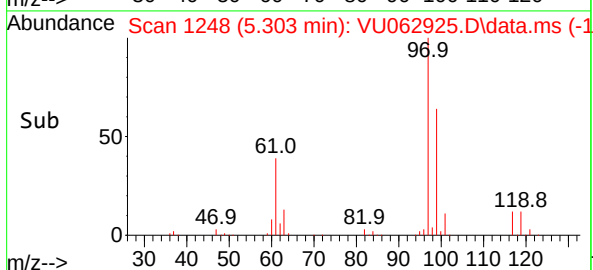
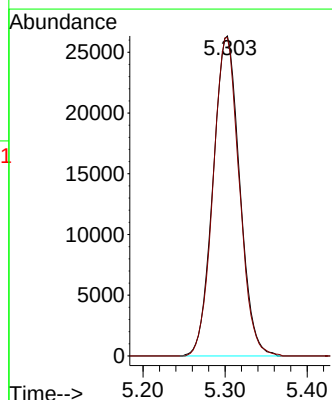
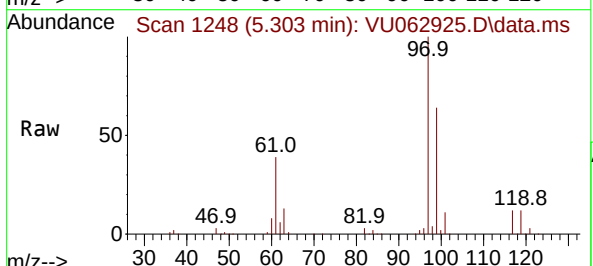
Acq: 20 Jan 2025 17:33

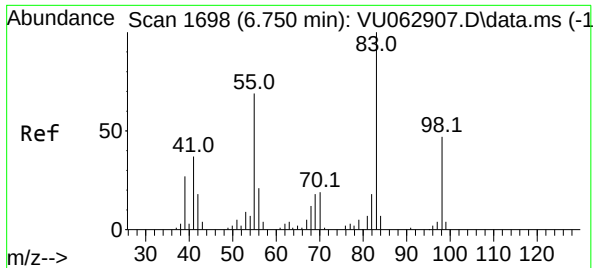
Tgt Ion: 117 Resp: 59315

Ion Ratio Lower Upper

117 100

119 97.8 78.6 118.0

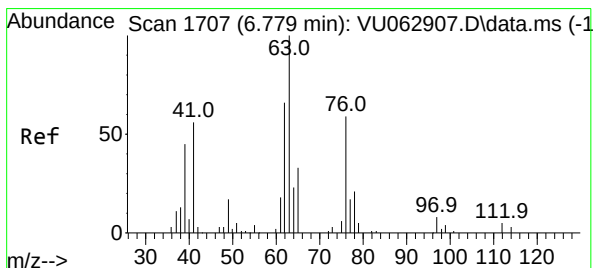
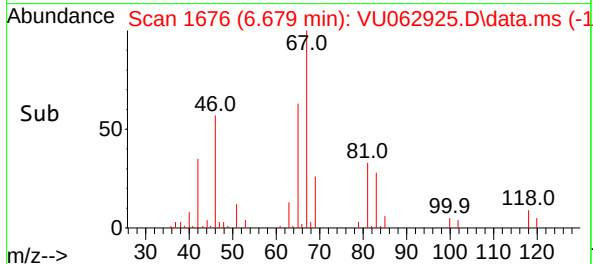
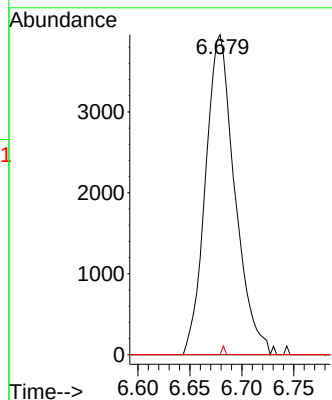
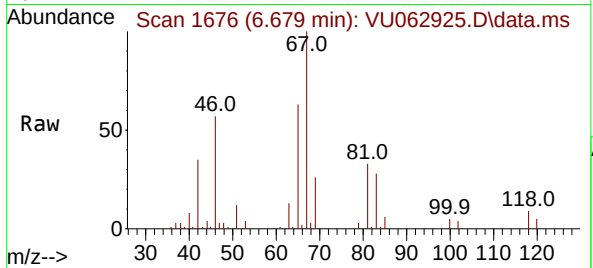




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062925.D
Acq: 20 Jan 2025 17:33

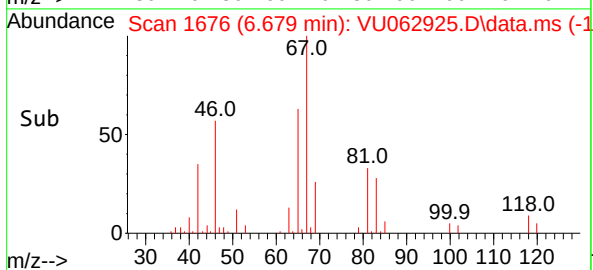
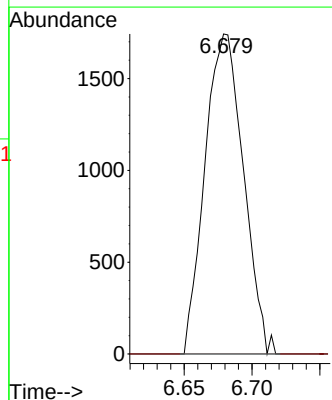
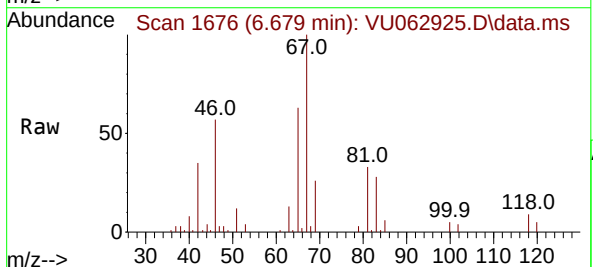
Instrument :
MSVOA_U
ClientSampleId :

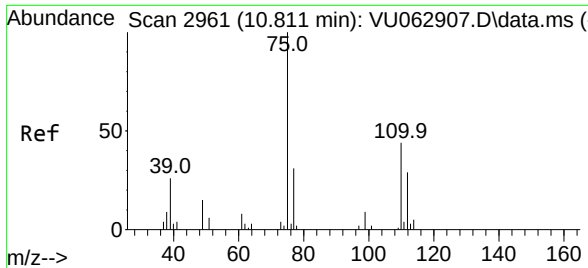
Tgt Ion: 83 Resp: 7774
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.3 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062925.D
Acq: 20 Jan 2025 17:33

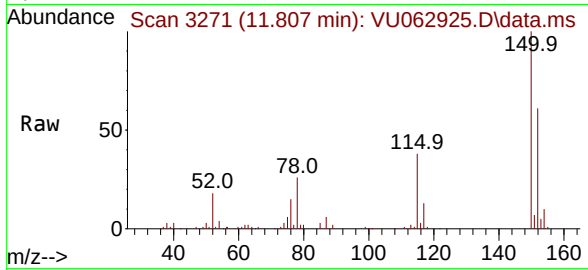
Tgt Ion: 63 Resp: 3443
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.006 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.997 min
Lab File: VU062925.D
Acq: 20 Jan 2025 17:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	3133
Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	37.5	25.9	38.9

