

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062948.D
 Acq On : 21 Jan 2025 17:48
 Operator : MD/SY
 Sample : Q1126-03DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:25:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:20:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

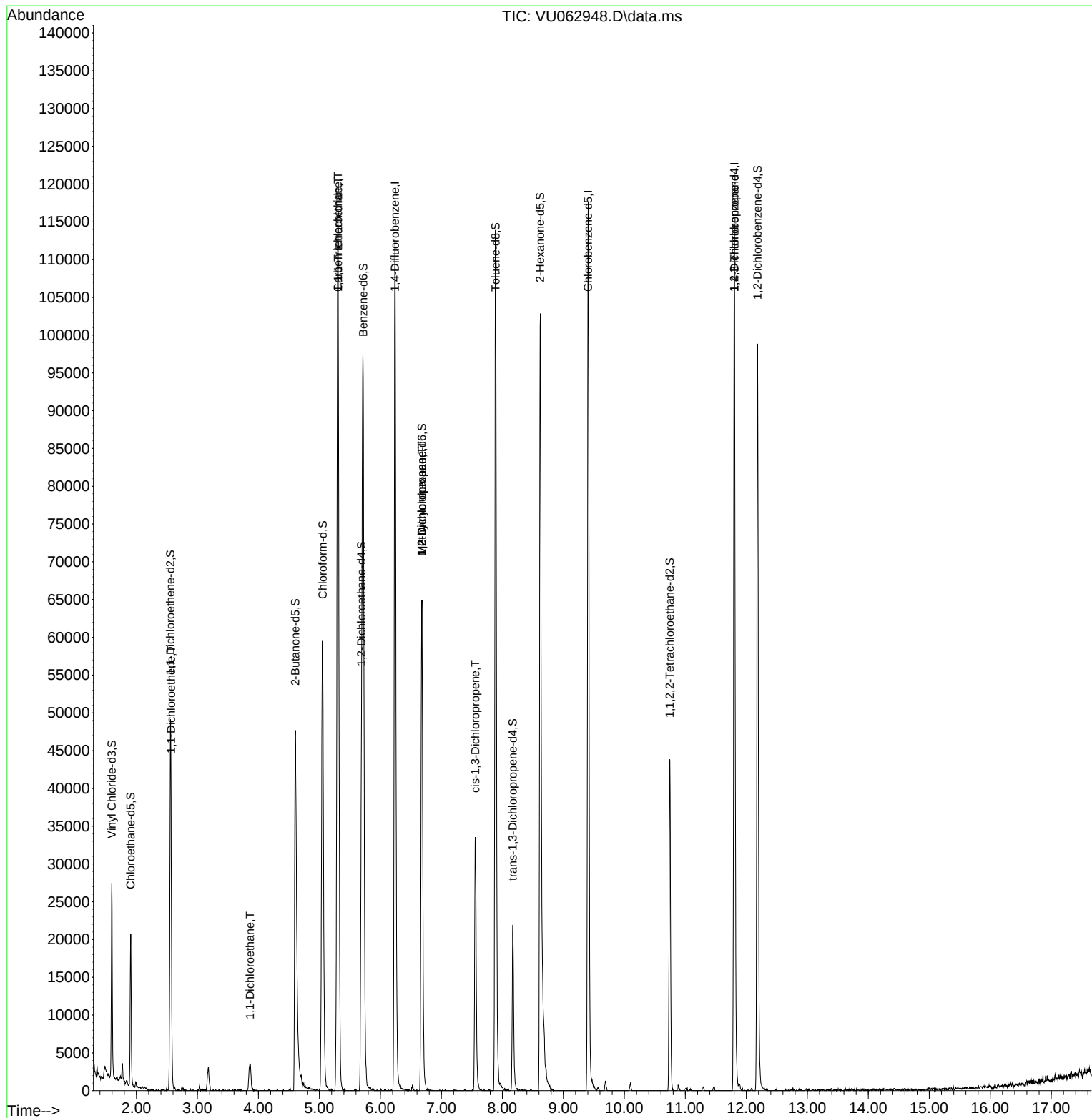
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	91993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	67036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17569	3.448	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.904	69	13677	3.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	2.557	65	9224	3.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.605	46	68360	65.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.300%#
24) Chloroform-d	5.052	84	59671	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	35391	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.718	84	92144	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
36) 1,2-Dichloropropane-d6	6.679	67	28416	6.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.000%
41) Toluene-d8	7.888	98	78408	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.171	79	13245	5.848	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.000%
46) 2-Hexanone-d5	8.618	63	35773	50.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	18714	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	28873	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	1611	0.282	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	5313	0.486	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	88607	8.714	ug/L	99
31) Carbon tetrachloride	5.303	117	10329	1.105	ug/L	98
35) Methylcyclohexane	6.679	83	8002	0.988	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3982	0.876	ug/L #	85
39) cis-1,3-Dichloropropene	7.557	75	1120	0.145	ug/L #	75
61) 1,2,3-Trichloropropane	11.804	75	3225	1.039	ug/L #	62

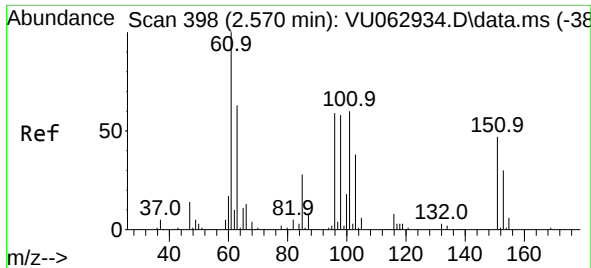
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:20:07 2025
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.282 ug/L

RT: 2.567 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU062948.D

Acq: 21 Jan 2025 17:48

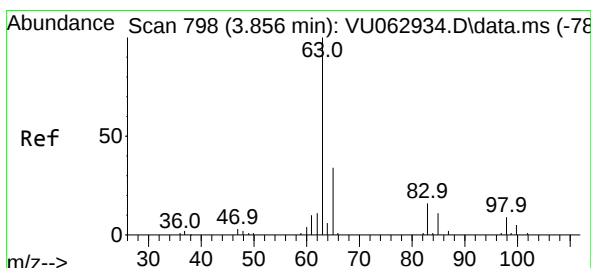
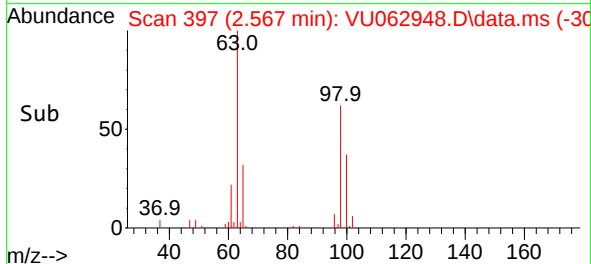
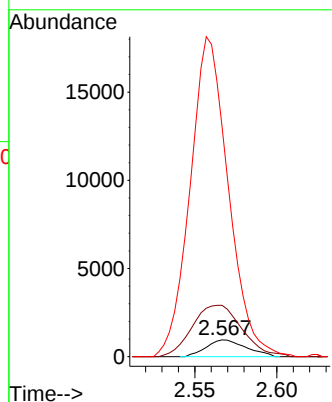
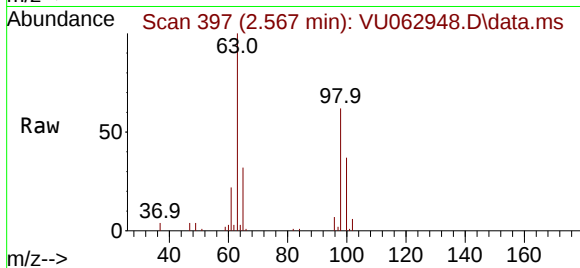
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1611

Ion	Ratio	Lower	Upper
96	100		
61	304.7	120.4	223.6#
63	1359.2	82.3	152.9#



#19

1,1-Dichloroethane

Concen: 0.486 ug/L

RT: 3.862 min Scan# 800

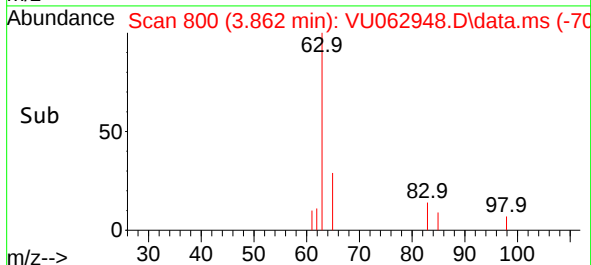
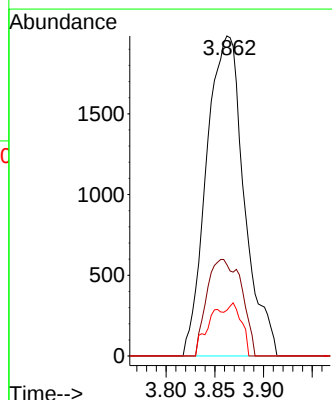
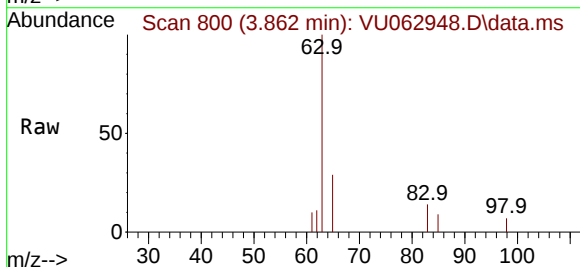
Delta R.T. 0.006 min

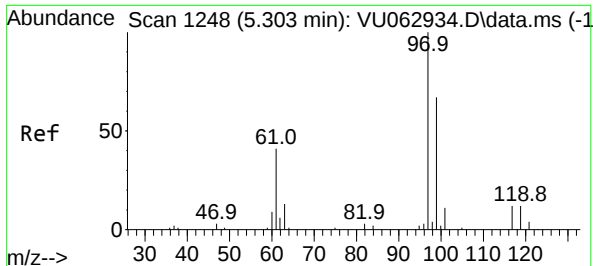
Lab File: VU062948.D

Acq: 21 Jan 2025 17:48

Tgt Ion: 63 Resp: 5313

Ion	Ratio	Lower	Upper
63	100		
65	28.5	20.7	38.5
83	14.3	10.5	19.5





#29

1,1,1-Trichloroethane

Concen: 8.714 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU062948.D

Acq: 21 Jan 2025 17:48

Instrument :

MSVOA_U

ClientSampleId :

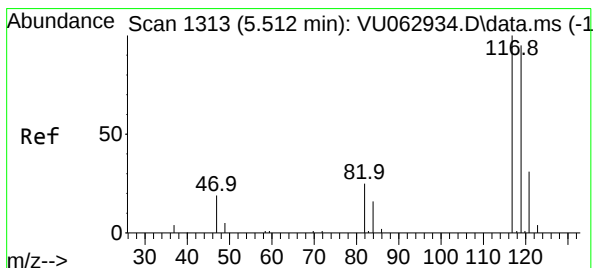
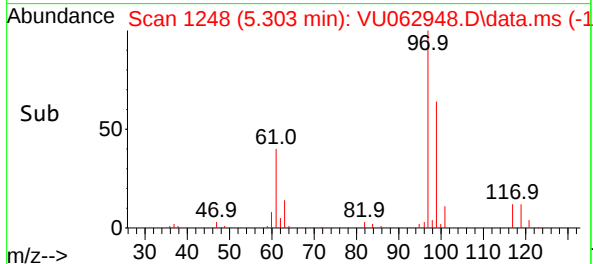
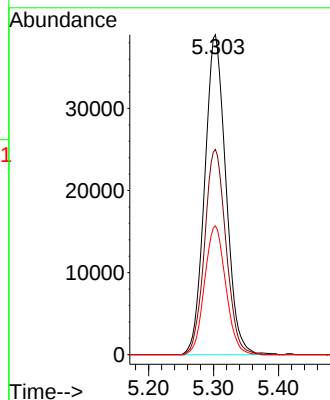
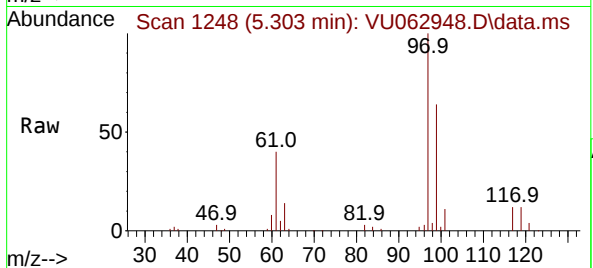
Tgt Ion: 97 Resp: 88607

Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 40.1 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.105 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.209 min

Lab File: VU062948.D

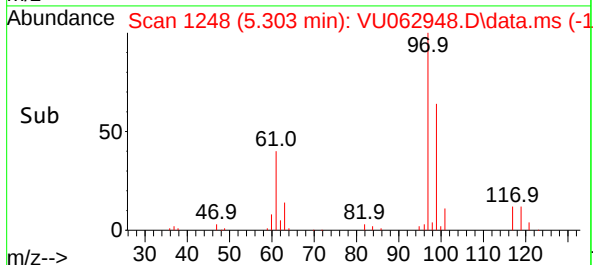
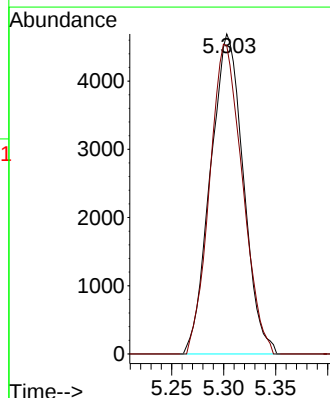
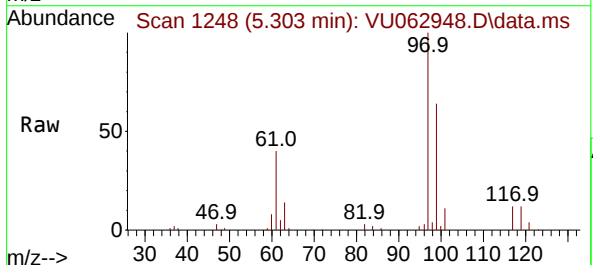
Acq: 21 Jan 2025 17:48

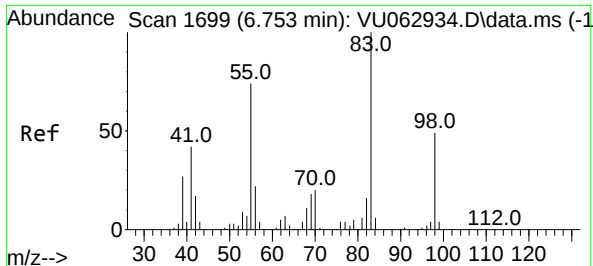
Tgt Ion: 117 Resp: 10329

Ion Ratio Lower Upper

117 100

119 96.6 78.6 118.0





#35

Methylcyclohexane

Concen: 0.988 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062948.D

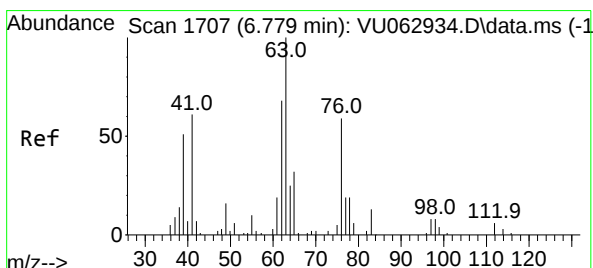
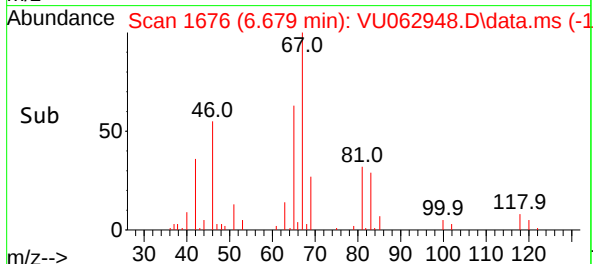
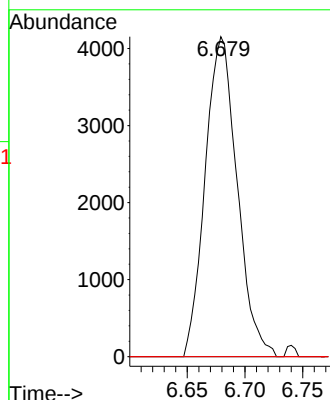
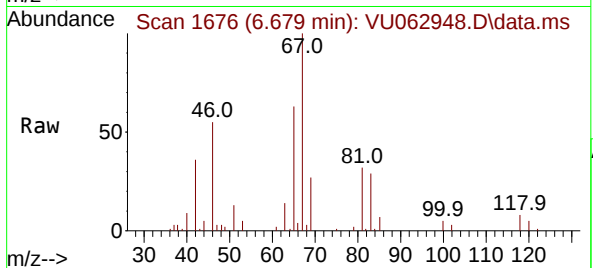
Acq: 21 Jan 2025 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8002
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: 0.876 ug/L

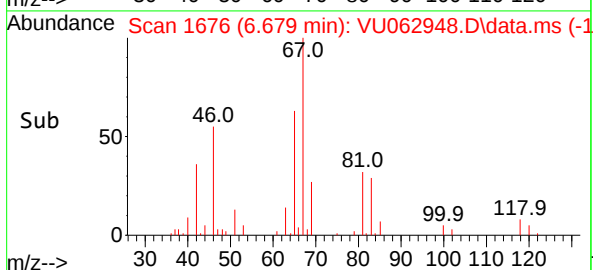
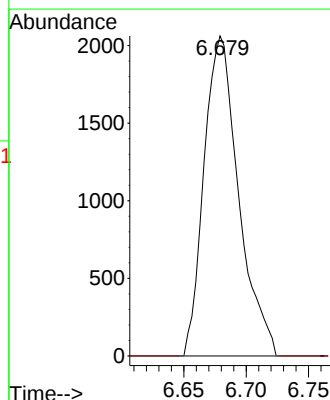
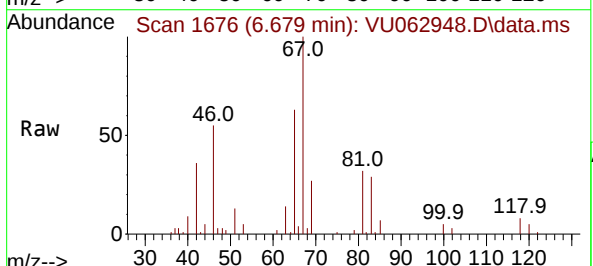
RT: 6.679 min Scan# 1676

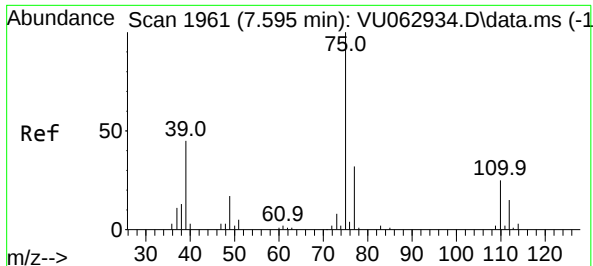
Delta R.T. -0.100 min

Lab File: VU062948.D

Acq: 21 Jan 2025 17:48

Tgt Ion: 63	Resp: 3982
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.145 ug/L

RT: 7.557 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU062948.D

Acq: 21 Jan 2025 17:48

Instrument :

MSVOA_U

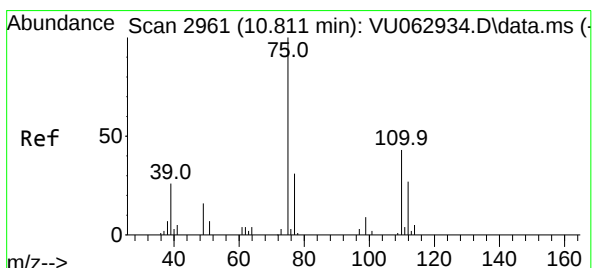
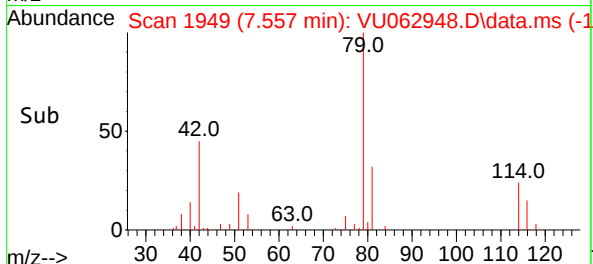
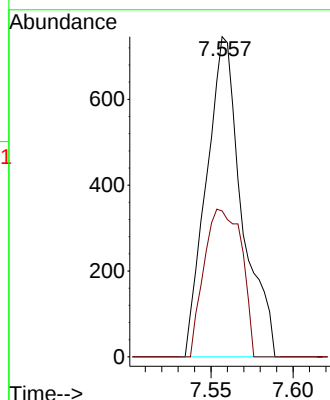
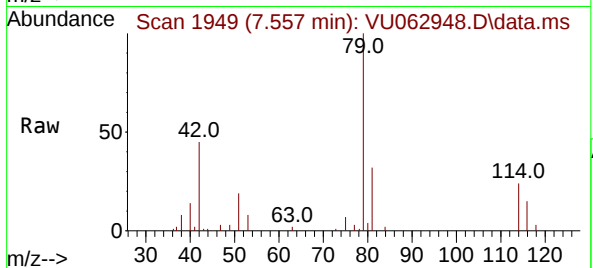
ClientSampleId :

Tgt Ion: 75 Resp: 1120

Ion Ratio Lower Upper

75 100

77 45.6 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 1.039 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU062948.D

Acq: 21 Jan 2025 17:48

Tgt Ion: 75 Resp: 3225

Ion Ratio Lower Upper

75 100

110 0.6 33.2 49.8#

77 34.4 25.9 38.9

