

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062947.D
 Acq On : 21 Jan 2025 17:24
 Operator : MD/SY
 Sample : Q1126-02DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:24:52 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)

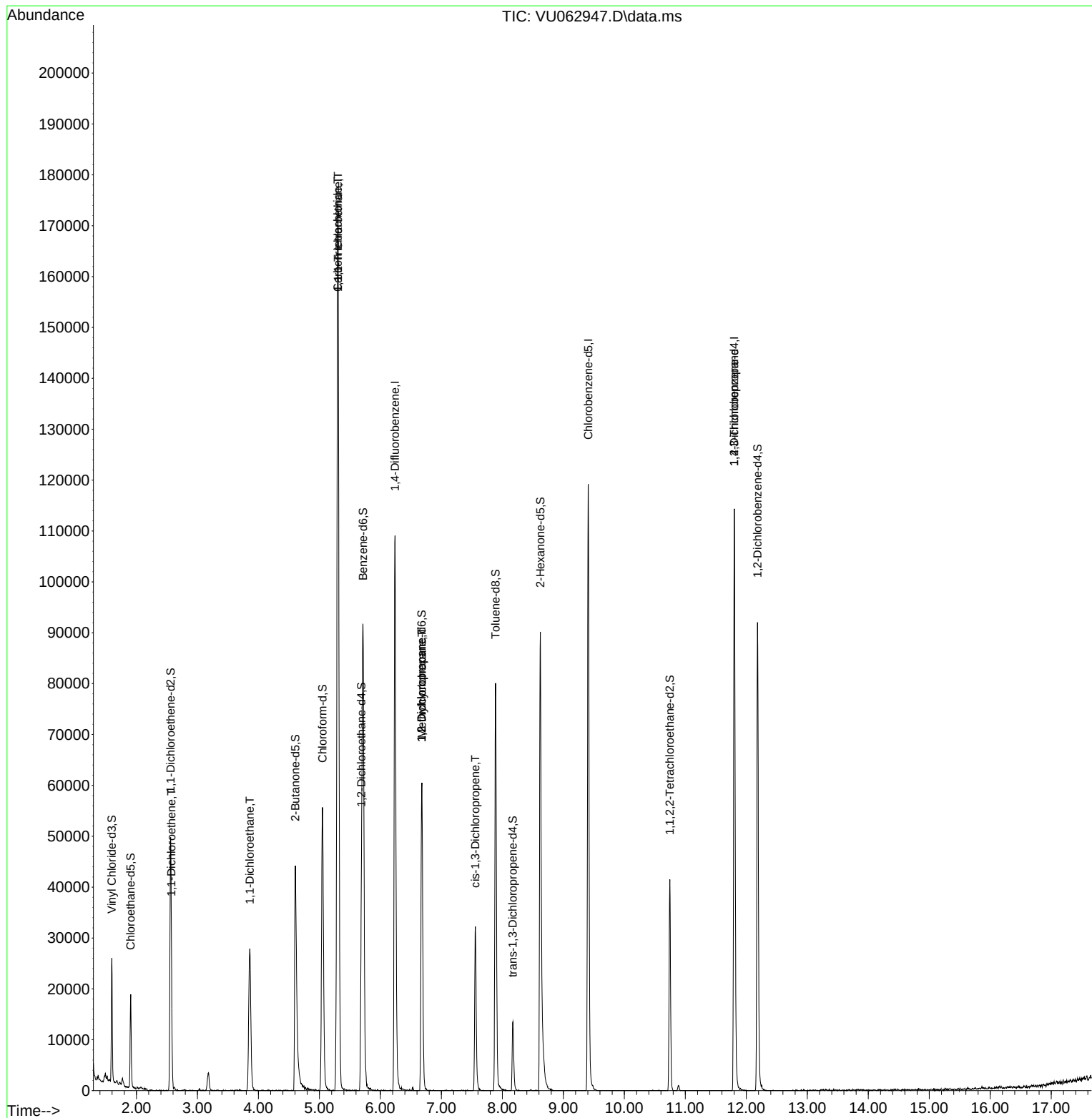
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92150	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	69655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	34973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16372	3.208	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.200%	
7) Chloroethane-d5	1.904	69	12785	3.114	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	62.200%#	
11) 1,1-Dichloroethene-d2	2.560	65	8593	3.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	4.605	46	61516	58.975	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.960%	
24) Chloroform-d	5.049	84	55391	4.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.689	65	32813	4.818	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.714	84	86046	5.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.676	67	27204	5.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.200%	
41) Toluene-d8	7.888	98	56881	3.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	8.171	79	9326	3.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.621	63	31082	41.996	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.000%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	18109	4.580	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.184	152	28027	4.817	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	4298	0.751	ug/L #	19
19) 1,1-Dichloroethane	3.859	63	32483	2.964	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	134102	12.692	ug/L	99
31) Carbon tetrachloride	5.300	117	15523	1.599	ug/L	96
35) Methylcyclohexane	6.679	83	7354	0.874	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3283	0.695	ug/L #	85
39) cis-1,3-Dichloropropene	7.554	75	1043	0.130	ug/L #	78
61) 1,2,3-Trichloropropane	11.801	75	3087	0.995	ug/L #	58

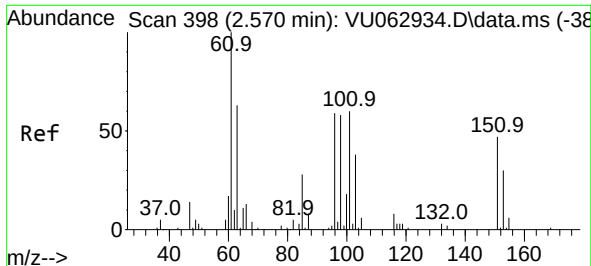
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.751 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

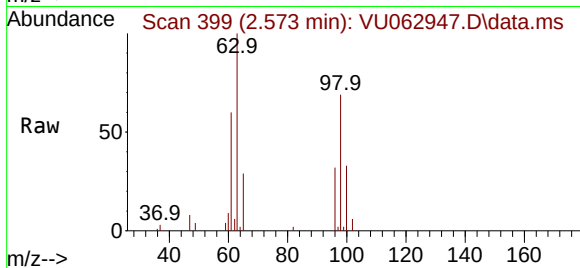
Lab File: VU062947.D

Acq: 21 Jan 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :



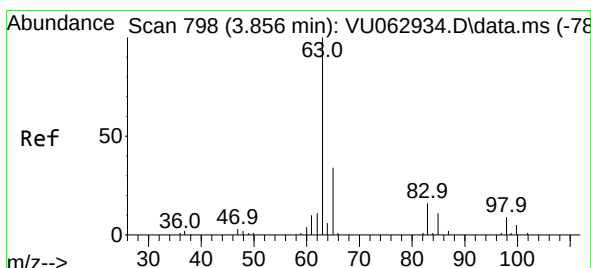
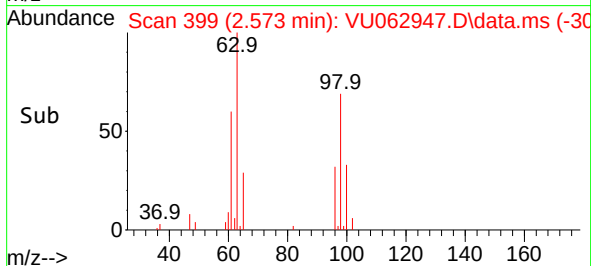
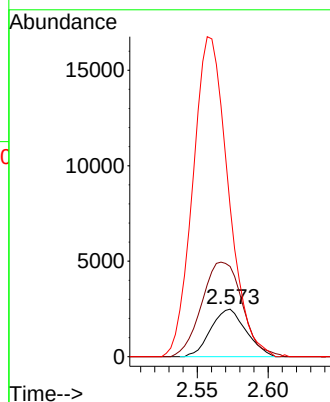
Tgt Ion: 96 Resp: 4298

Ion Ratio Lower Upper

96 100

61 190.2 120.4 223.6

63 316.6 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 2.964 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU062947.D

Acq: 21 Jan 2025 17:24

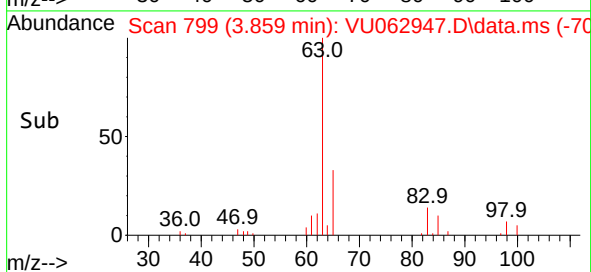
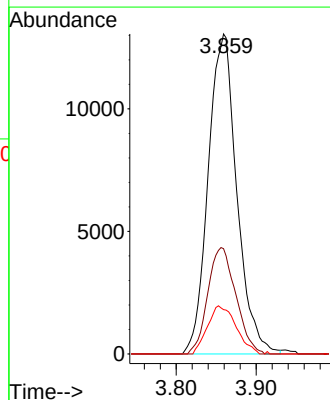
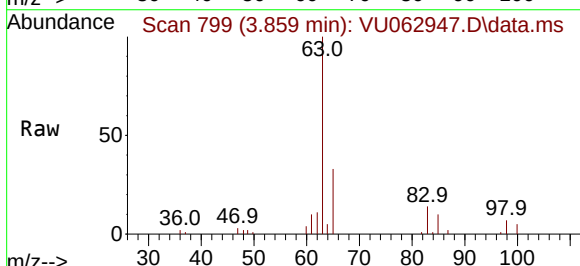
Tgt Ion: 63 Resp: 32483

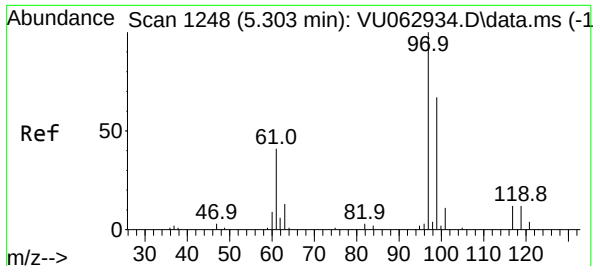
Ion Ratio Lower Upper

63 100

65 32.9 20.7 38.5

83 13.9 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 12.692 ug/L

RT: 5.303 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062947.D

Acq: 21 Jan 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

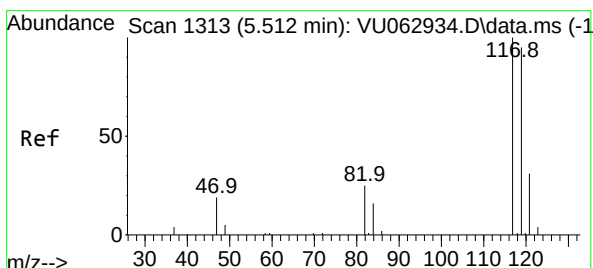
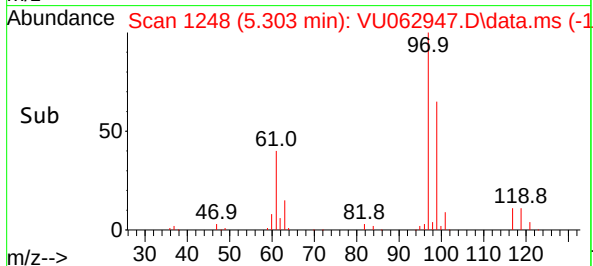
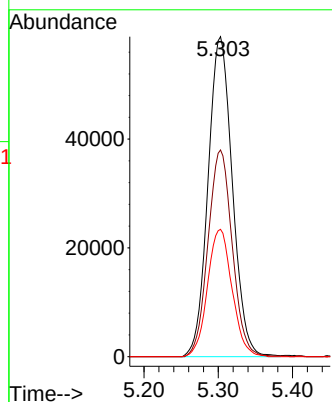
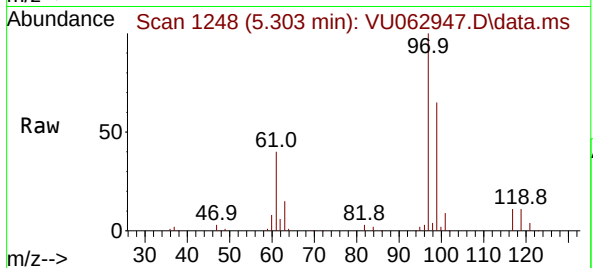
Tgt Ion: 97 Resp: 134102

Ion Ratio Lower Upper

97 100

99 64.2 52.4 78.6

61 40.0 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.599 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062947.D

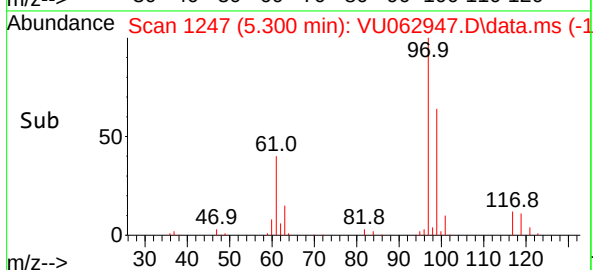
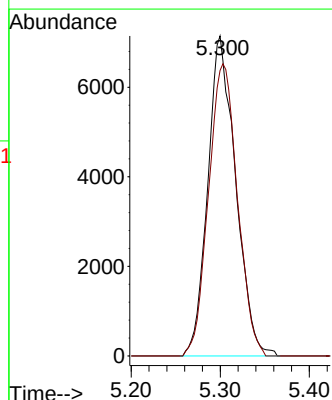
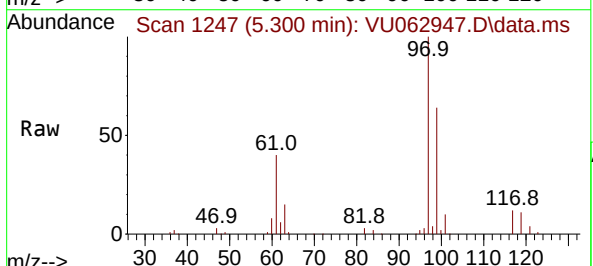
Acq: 21 Jan 2025 17:24

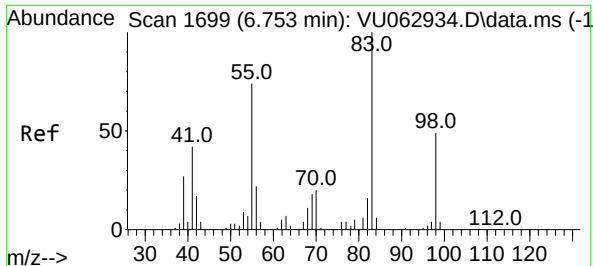
Tgt Ion: 117 Resp: 15523

Ion Ratio Lower Upper

117 100

119 94.8 78.6 118.0





#35

Methylcyclohexane

Concen: 0.874 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062947.D

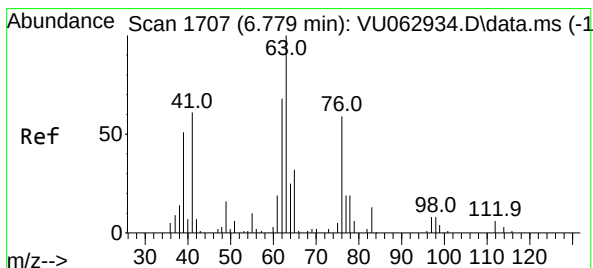
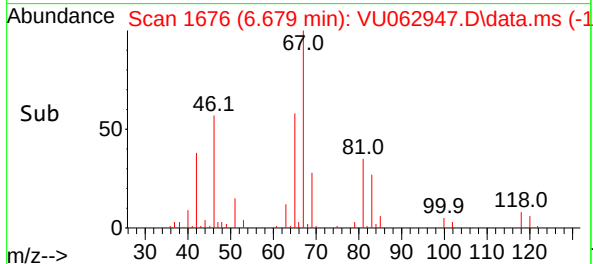
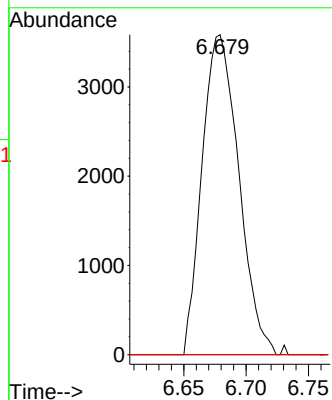
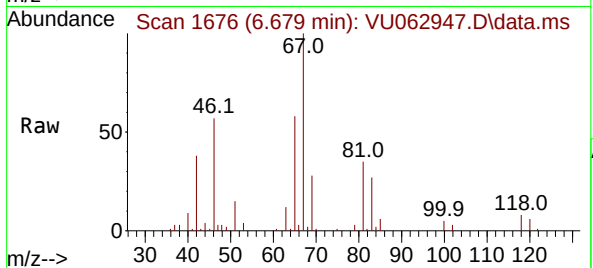
Acq: 21 Jan 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7354
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: 0.695 ug/L

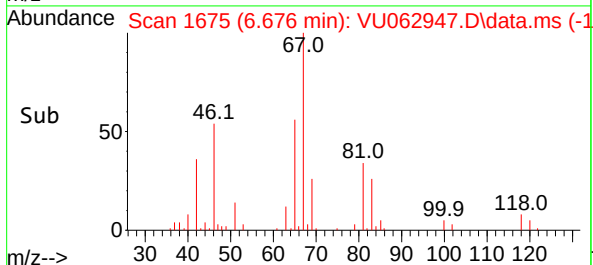
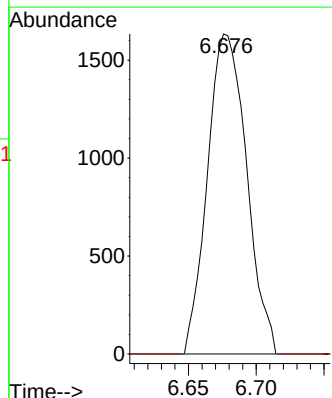
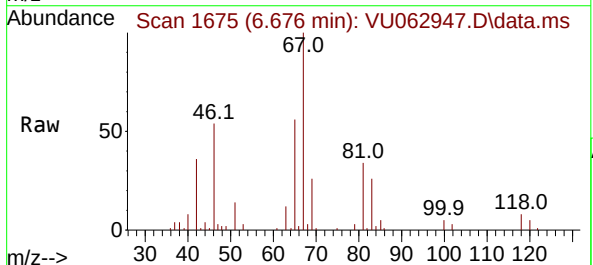
RT: 6.676 min Scan# 1675

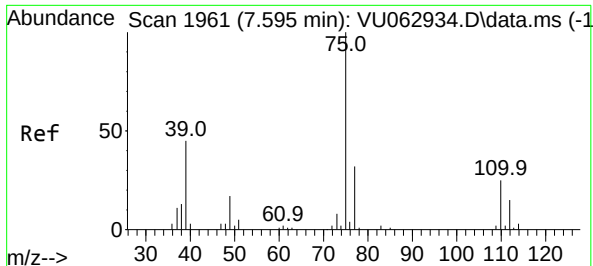
Delta R.T. -0.103 min

Lab File: VU062947.D

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Tgt Ion: 63	Resp: 3283
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.554 min Scan# 1961

Delta R.T. -0.042 min

Lab File: VU062947.D

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Instrument :

MSVOA_U

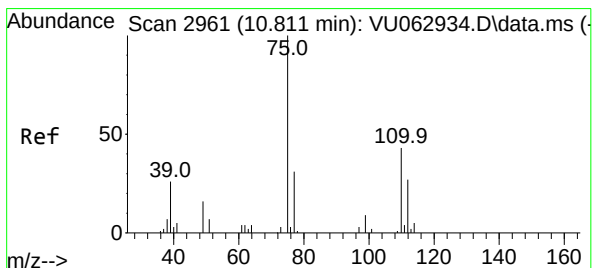
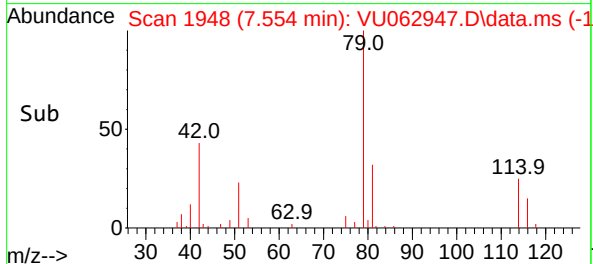
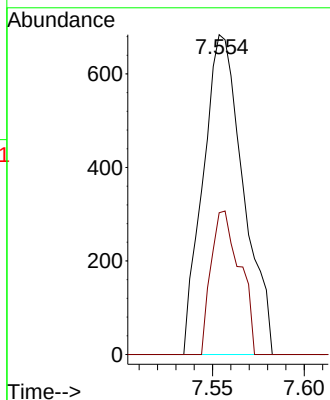
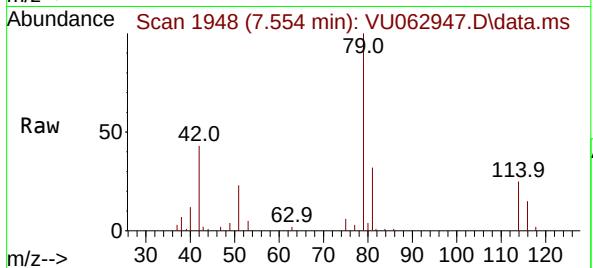
ClientSampleId :

Tgt Ion: 75 Resp: 1043

Ion Ratio Lower Upper

75 100

77 44.3 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 0.995 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062947.D

Acq: 21 Jan 2025 17:24

Tgt Ion: 75 Resp: 3087

Ion Ratio Lower Upper

75 100

110 0.7 33.2 49.8#

77 39.0 25.9 38.9#

