

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062684.D
 Acq On : 10 Jan 2025 15:13
 Operator : MD/SY
 Sample : Q1058-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 22:45:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21073	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.904	69	18800	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.557	65	11281	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.605	46	59493	57.761	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.520%
24) Chloroform-d	5.049	84	61137	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.689	65	35716	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.714	84	102935	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.679	67	28962	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.888	98	95448	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.171	79	14559	5.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.621	63	48471	54.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26217	5.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36832	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
5) Vinyl chloride	1.599	62	49942	7.624	ug/L	99
8) Chloroethane	1.923	64	4859	1.235	ug/L	96
12) 1,1-Dichloroethene	2.570	96	108536	19.215	ug/L #	77
13) Acetone	2.618	43	4086	5.008	ug/L	95
15) Methyl Acetate	2.949	43	464	0.263	ug/L #	44
17) Methyl tert-butyl Ether	3.354	73	2525	0.163	ug/L	92
18) trans-1,2-Dichloroethene	3.341	96	6450	1.066	ug/L	95
19) 1,1-Dichloroethane	3.853	63	100519	9.290	ug/L	95
21) 2-Butanone	4.692	43	20101	18.498	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	108495	16.463	ug/L	97
27) 1,2-Dichloroethane	5.785	62	7574	0.870	ug/L	98
34) Trichloroethene	6.531	95	69906	8.511	ug/L	96
35) Methylcyclohexane	6.682	83	8327	0.824	ug/L #	20
37) 1,2-Dichloropropane	6.782	63	1165	0.205	ug/L #	85
39) cis-1,3-Dichloropropene	7.557	75	1339	0.139	ug/L #	81
61) 1,2,3-Trichloropropane	11.804	75	4055	1.121	ug/L #	59

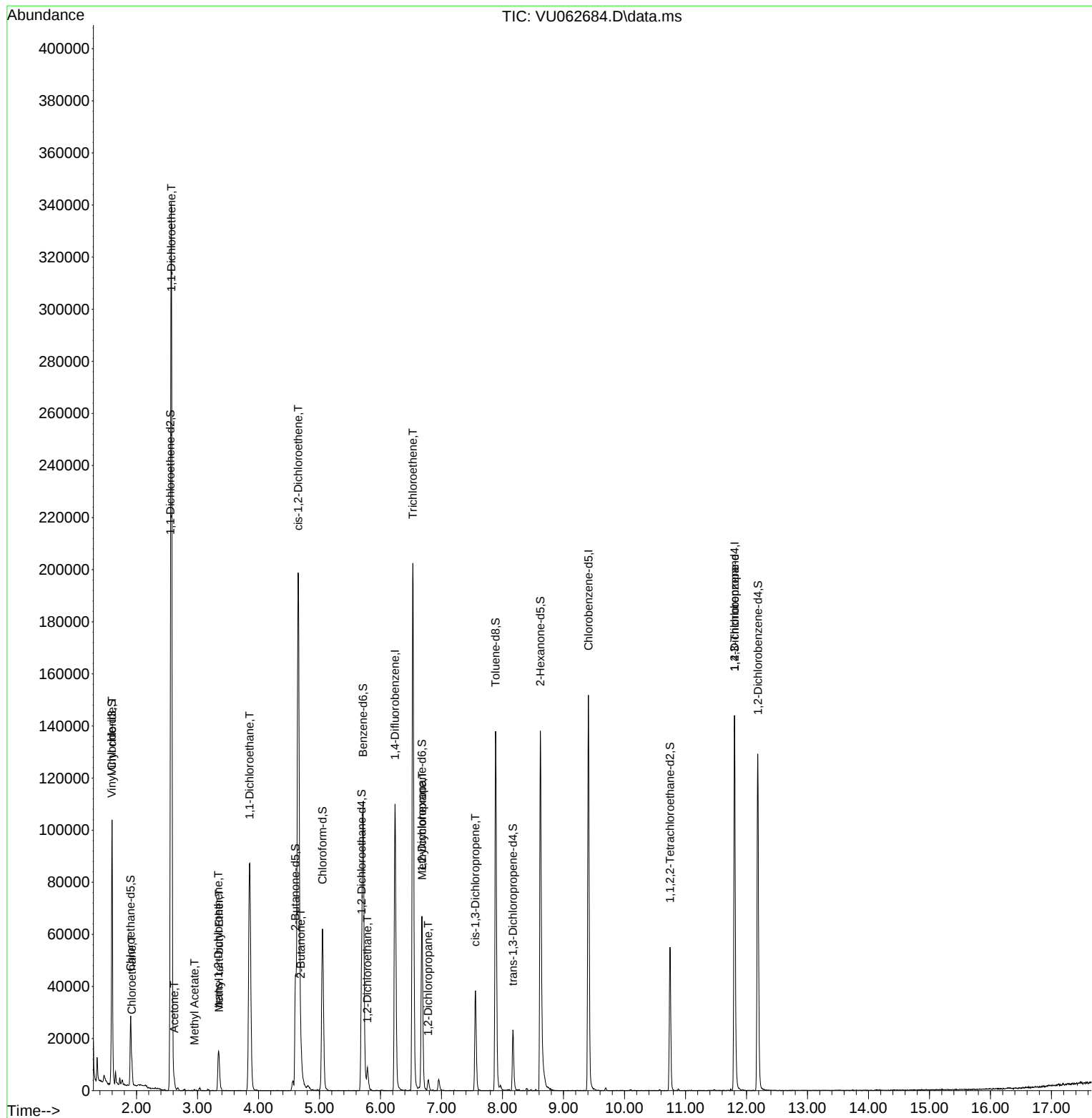
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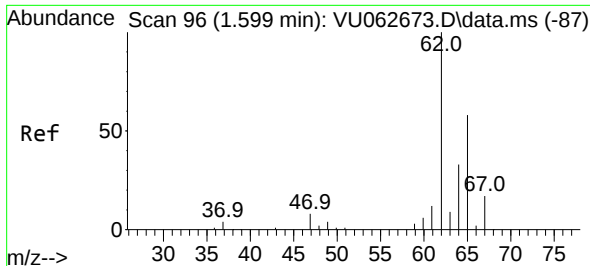
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062684.D
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MSVOA_U
ClientSampleId :

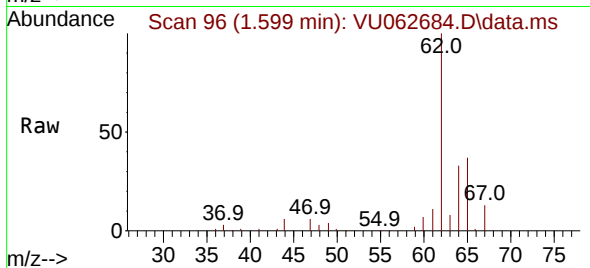
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration



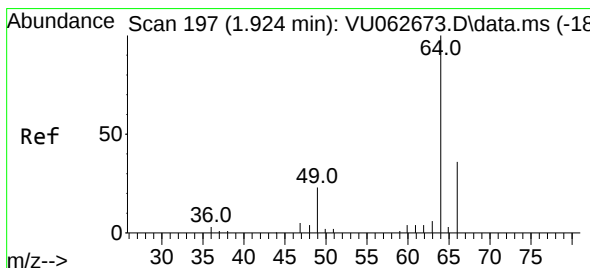
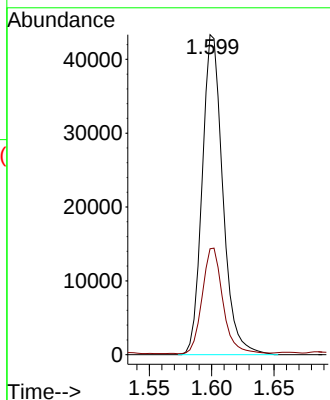
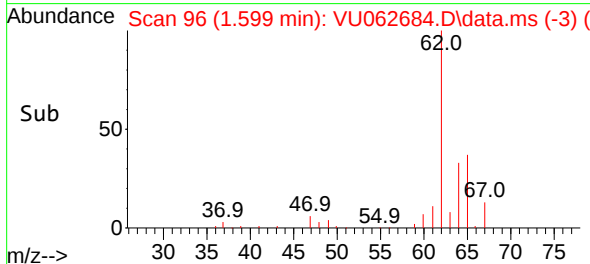


#5
Vinyl chloride
Concen: 7.624 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Instrument :
MSVOA_U
ClientSampleId :

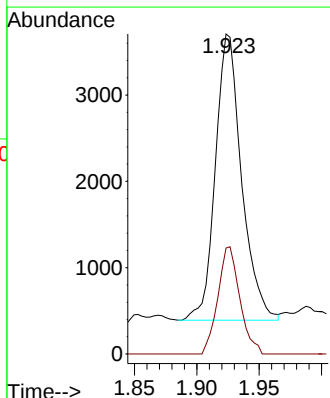
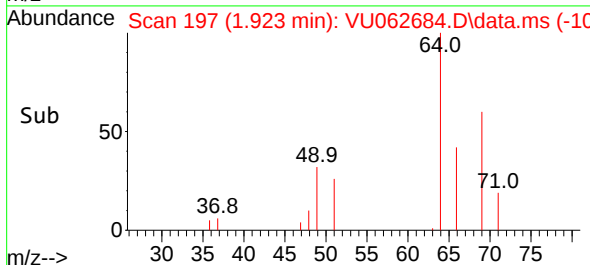
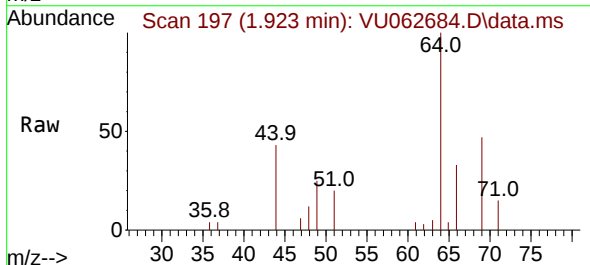


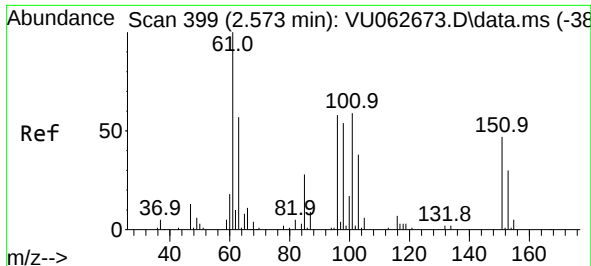
Tgt Ion: 62 Resp: 49942
Ion Ratio Lower Upper
62 100
64 33.1 23.4 43.4



#8
Chloroethane
Concen: 1.235 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Tgt Ion: 64 Resp: 4859
Ion Ratio Lower Upper
64 100
66 33.1 21.6 40.2





#12

1,1-Dichloroethene

Concen: 19.215 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Instrument :

MSVOA_U

ClientSampleId :

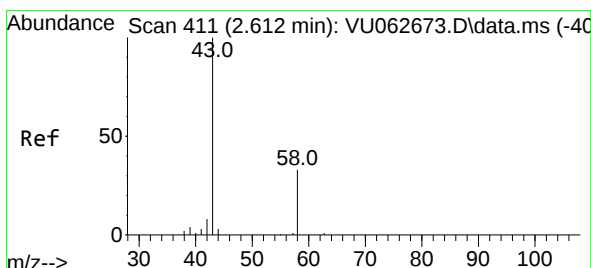
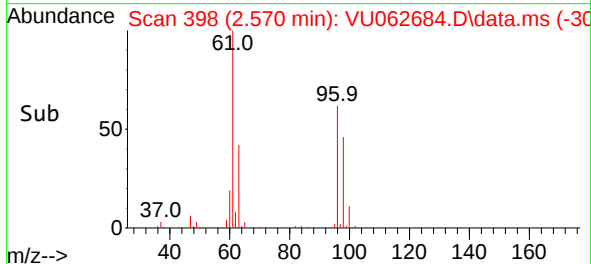
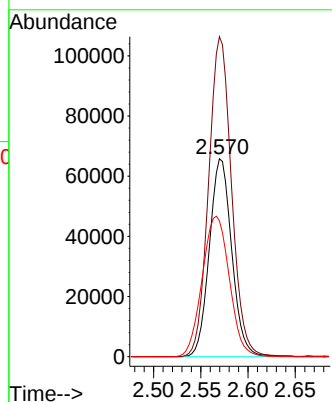
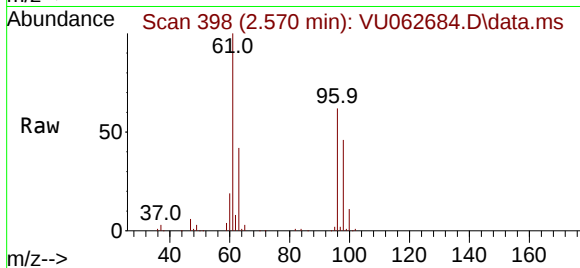
Tgt Ion: 96 Resp: 108536

Ion Ratio Lower Upper

96 100

61 161.6 120.4 223.6

63 68.6 82.3 152.9#



#13

Acetone

Concen: 5.008 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU062684.D

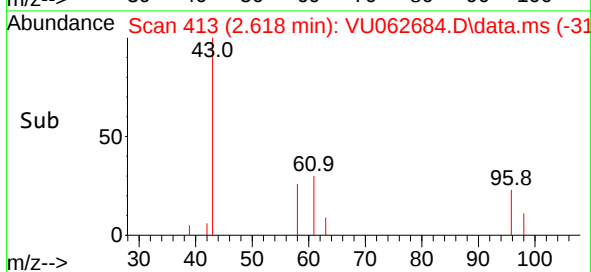
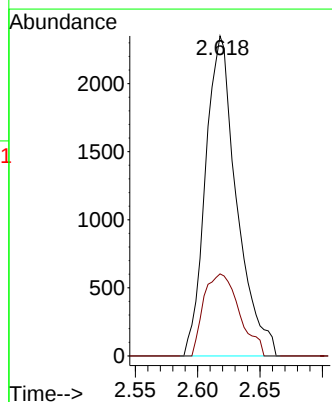
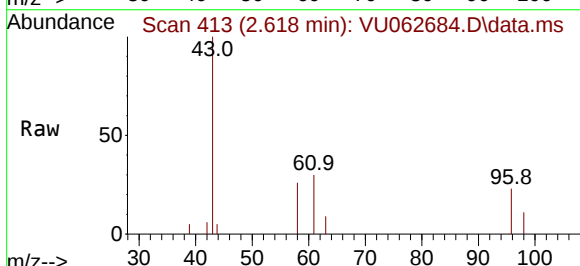
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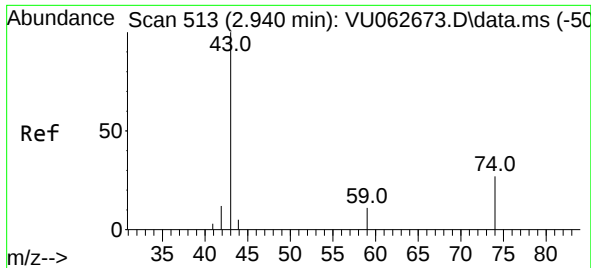
Tgt Ion: 43 Resp: 4086

Ion Ratio Lower Upper

43 100

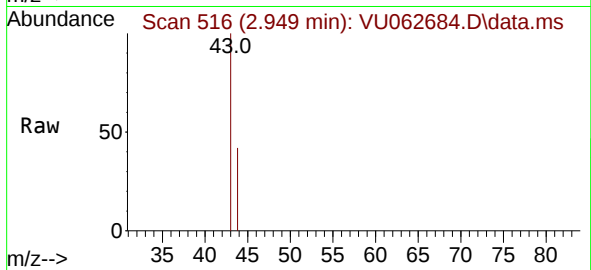
58 29.1 0.0 64.4



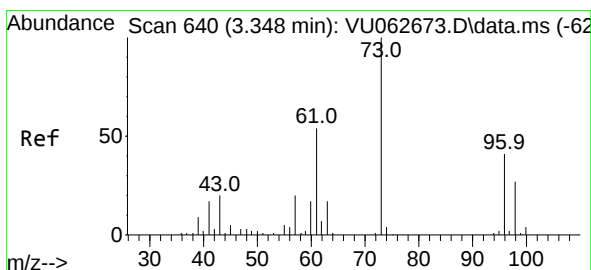
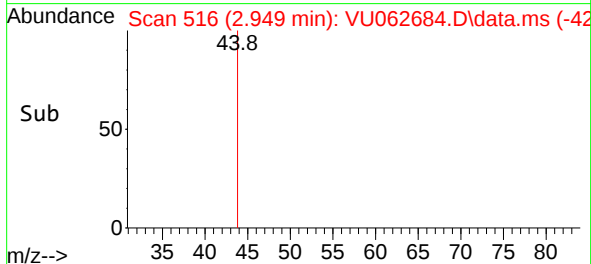
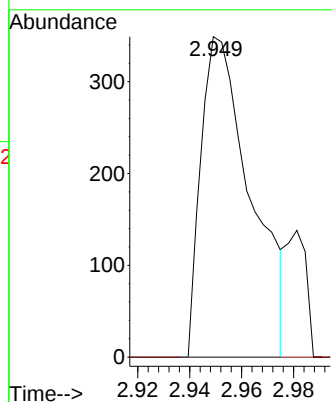


#15
Methyl Acetate
Concen: 0.263 ug/L
RT: 2.949 min Scan# 513
Delta R.T. 0.010 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Instrument :
MSVOA_U
ClientSampleId :

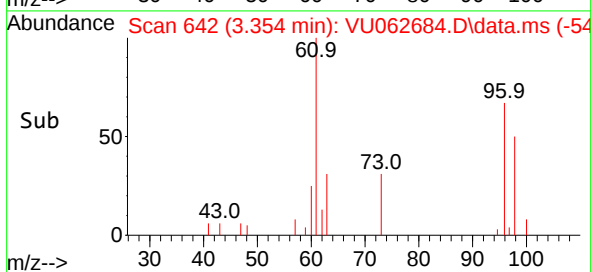
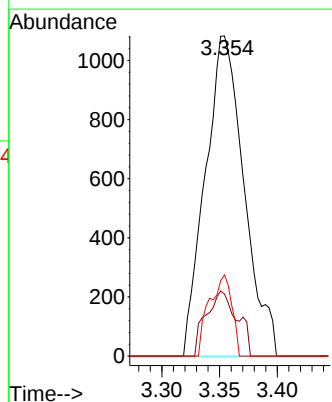
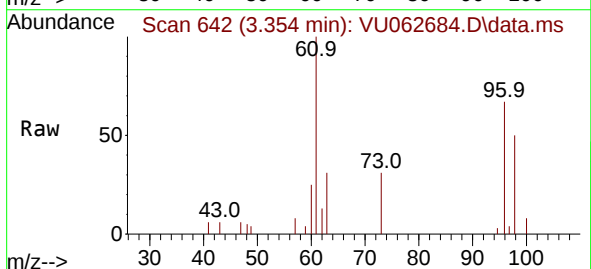


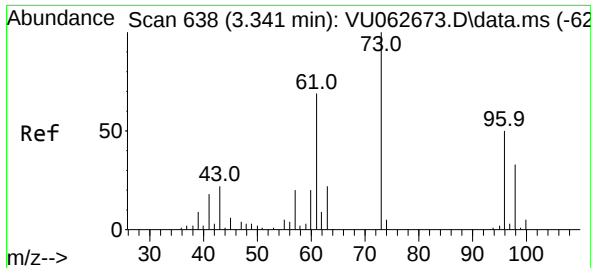
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

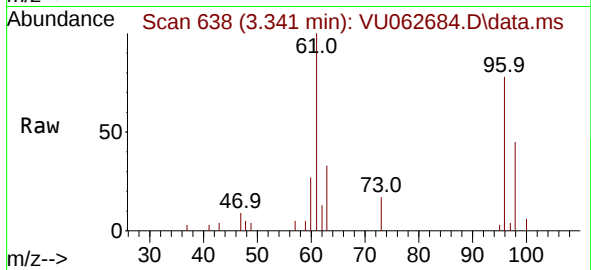
Tgt Ion: 73 Resp: 2525
Ion Ratio Lower Upper
73 100
43 16.3 16.2 24.4
57 14.8 14.6 22.0



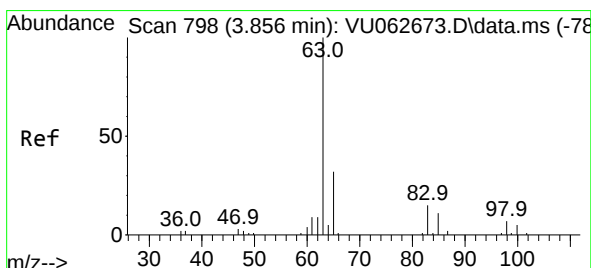
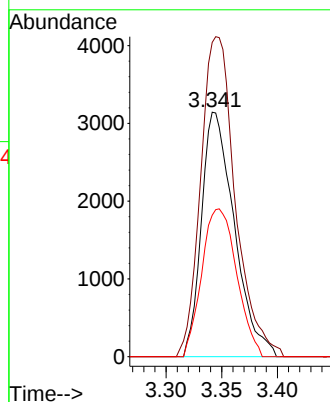
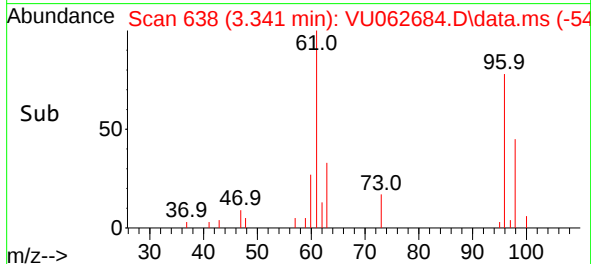


#18
trans-1,2-Dichloroethene
Concen: 1.066 ug/L
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

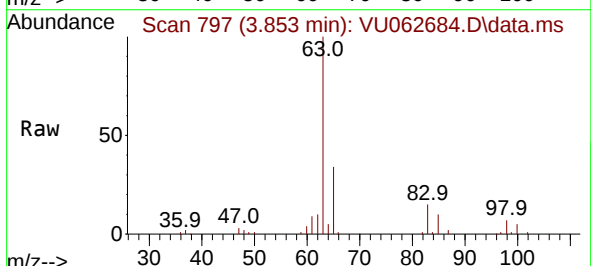
Instrument :
MSVOA_U
ClientSampleId :



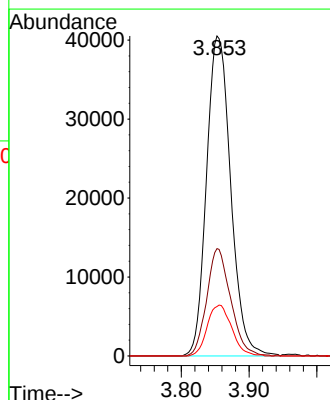
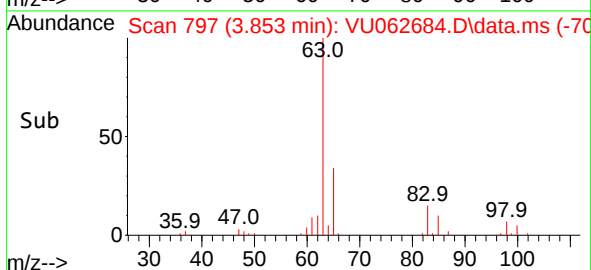
Tgt Ion: 96 Resp: 6450
Ion Ratio Lower Upper
96 100
61 128.6 94.4 175.2
98 57.9 42.8 79.4

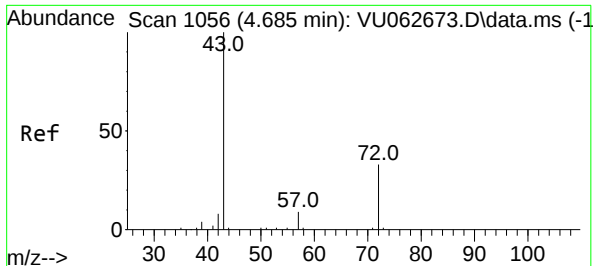


#19
1,1-Dichloroethane
Concen: 9.290 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13



Tgt Ion: 63 Resp: 100519
Ion Ratio Lower Upper
63 100
65 33.6 20.7 38.5
83 15.5 10.5 19.5





#21

2-Butanone

Concen: 18.498 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Instrument :

MSVOA_U

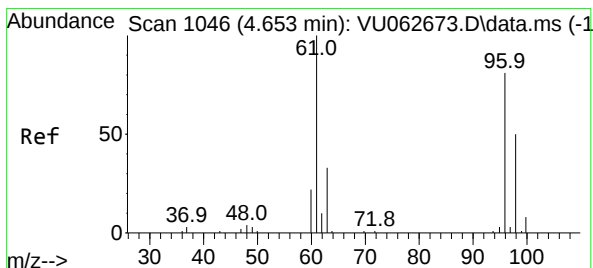
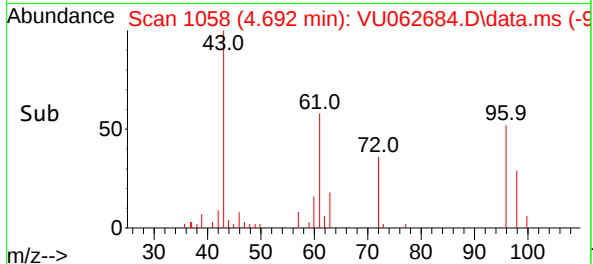
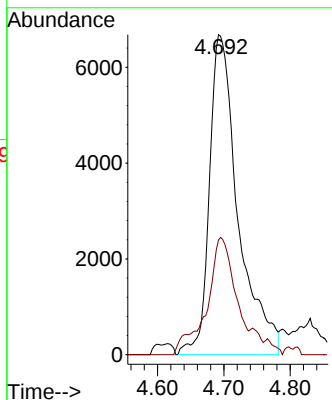
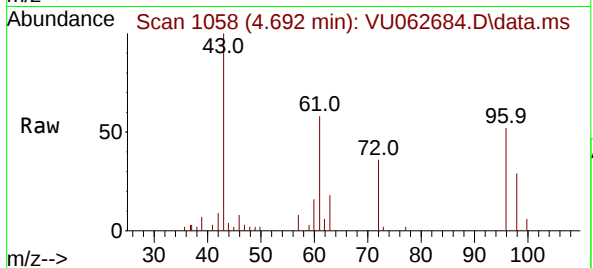
ClientSampleId :

Tgt Ion: 43 Resp: 20101

Ion Ratio Lower Upper

43 100

72 36.0 17.1 51.2



#22

cis-1,2-Dichloroethene

Concen: 16.463 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

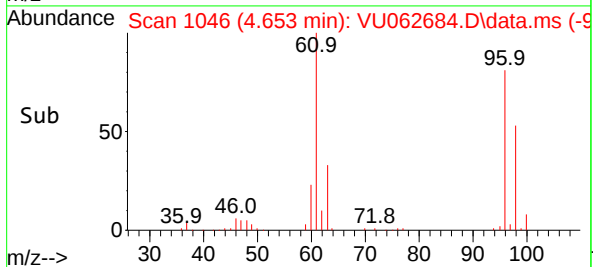
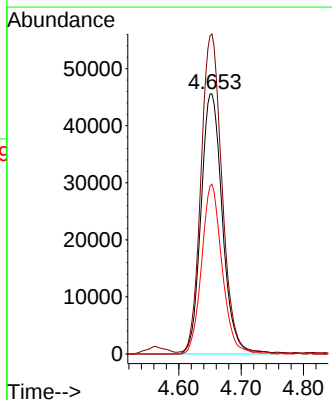
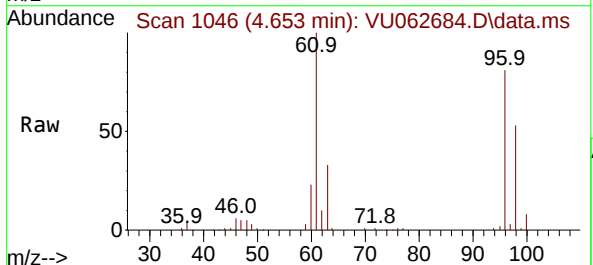
Tgt Ion: 96 Resp: 108495

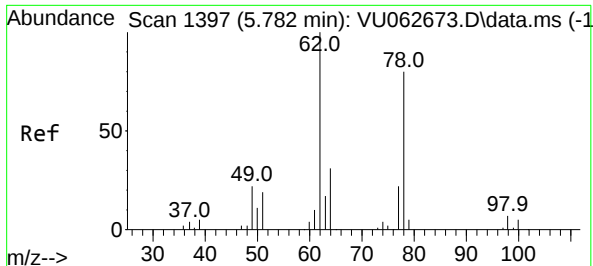
Ion Ratio Lower Upper

96 100

61 123.1 84.8 157.6

98 65.3 43.1 80.1





#27

1,2-Dichloroethane

Concen: 0.870 ug/L

RT: 5.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Instrument :

MSVOA_U

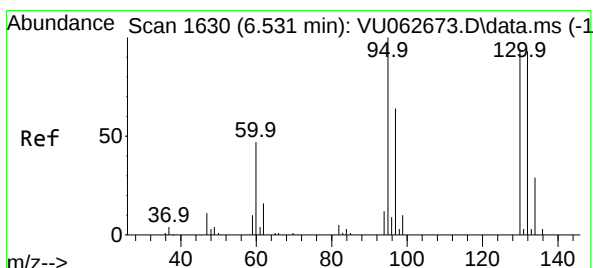
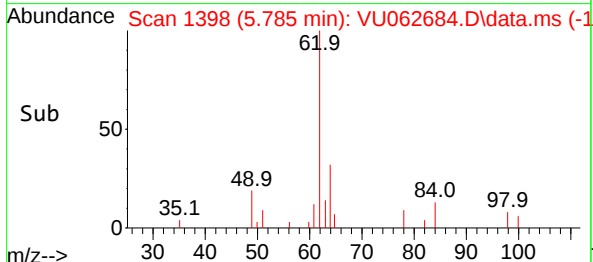
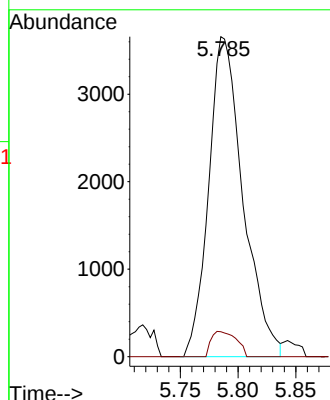
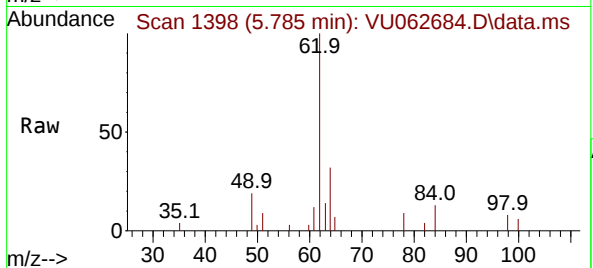
ClientSampleId :

Tgt Ion: 62 Resp: 7574

Ion Ratio Lower Upper

62 100

98 7.8 5.8 8.6



#34

Trichloroethene

Concen: 8.511 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Tgt Ion: 95 Resp: 69906

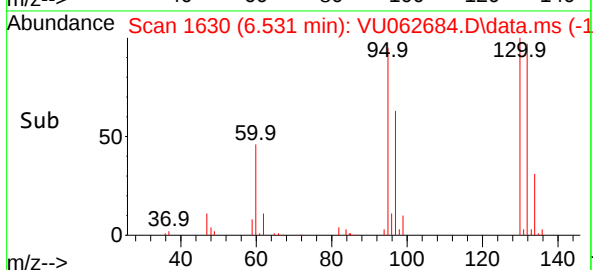
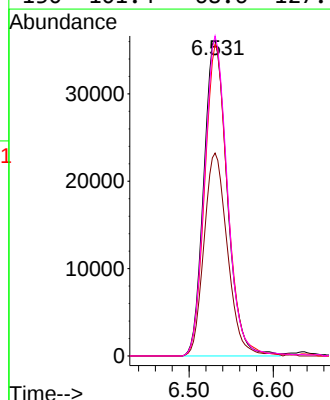
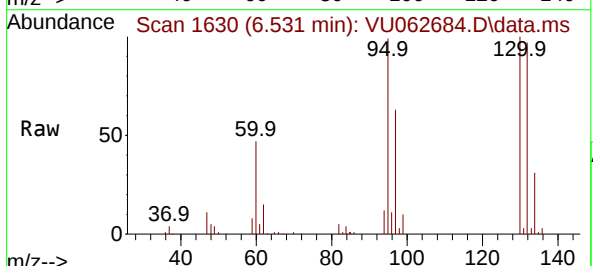
Ion Ratio Lower Upper

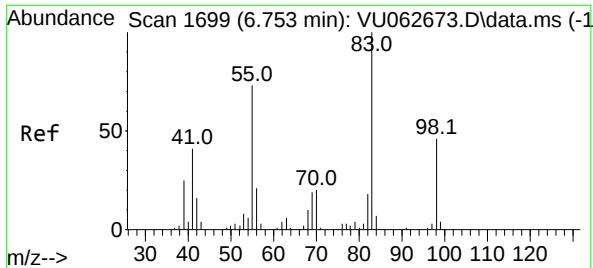
95 100

97 64.3 47.5 88.3

132 98.7 66.9 124.3

130 101.4 68.6 127.4

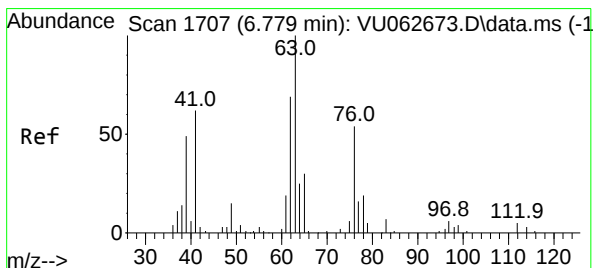
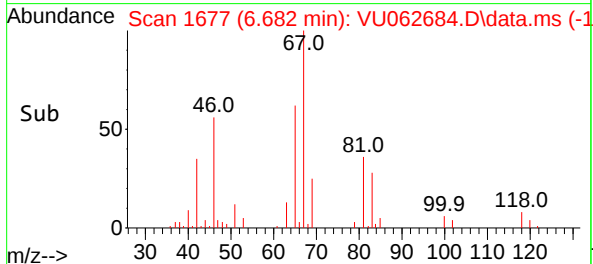
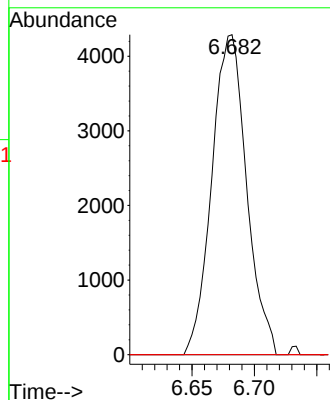
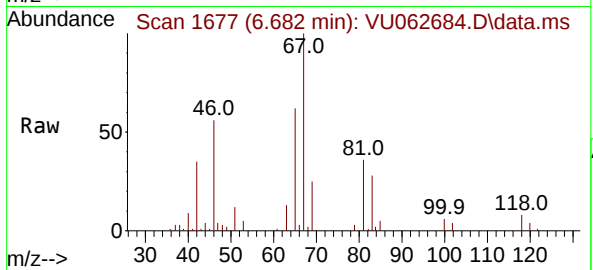




#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.682 min Scan# 1708
Delta R.T. -0.071 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

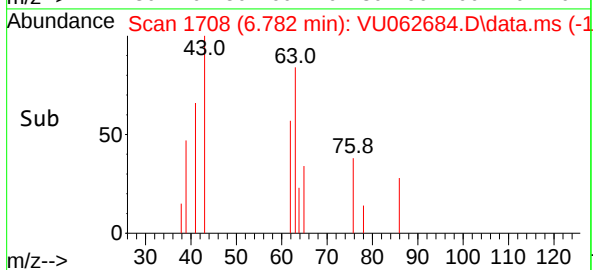
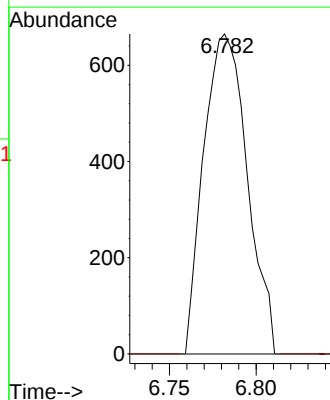
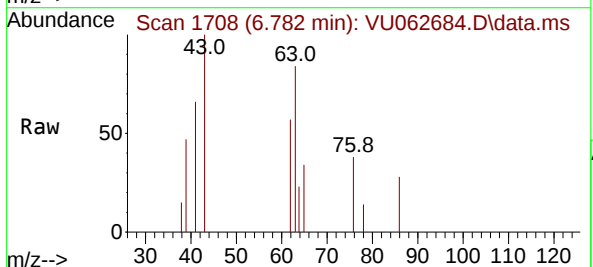
Instrument :
MSVOA_U
ClientSampleId :

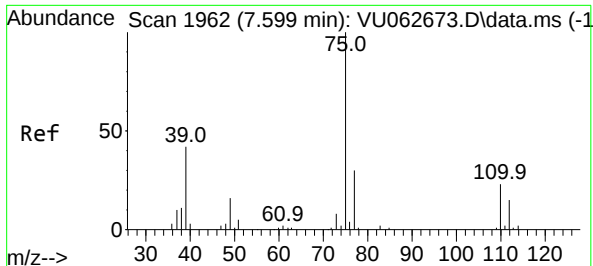
Tgt Ion: 83 Resp: 8327
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.205 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU062684.D
Acq: 10 Jan 2025 15:13

Tgt Ion: 63 Resp: 1165
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.139 ug/L

RT: 7.557 min Scan# 1962

Delta R.T. -0.042 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Instrument :

MSVOA_U

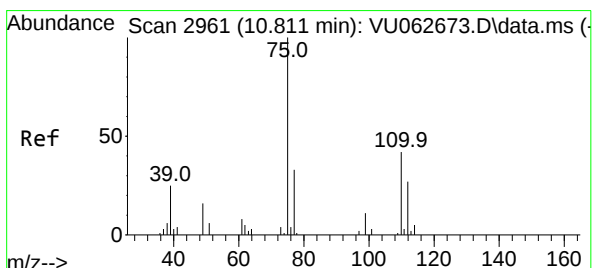
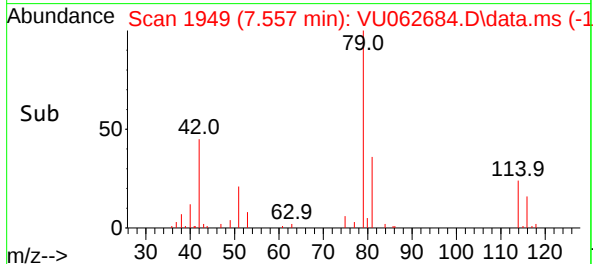
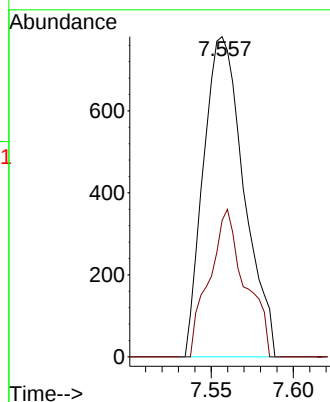
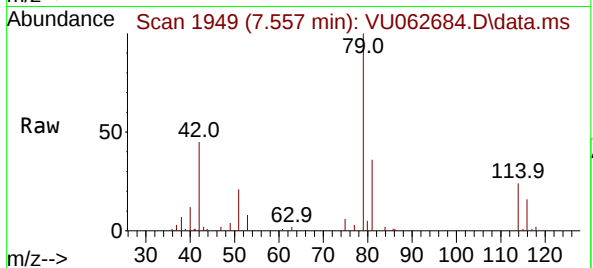
ClientSampleId :

Tgt Ion: 75 Resp: 1339

Ion Ratio Lower Upper

75 100

77 42.6 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 1.121 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU062684.D

Acq: 10 Jan 2025 15:13

Tgt Ion: 75 Resp: 4055

Ion Ratio Lower Upper

75 100

110 0.5 33.2 49.8#

77 38.4 25.9 38.9

