

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062800.D
 Acq On : 16 Jan 2025 05:44
 Operator : MD/SY
 Sample : Q1071-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:27:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	16638	3.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.901	69	16430	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.557	65	9627	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.605	46	62542	59.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.160%
24) Chloroform-d	5.046	84	57998	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.689	65	33771	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.715	84	93900	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	27359	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	84421	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.171	79	12723	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.621	63	46362	50.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26278	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	33460	4.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.596	50	5088	0.858	ug/L #	70
5) Vinyl chloride	1.599	62	44256	6.629	ug/L	98
8) Chloroethane	1.924	64	154644	38.554	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3034	0.466	ug/L #	28
12) 1,1-Dichloroethene	2.570	96	1163208	202.048	ug/L #	73
15) Methyl Acetate	3.168	43	1650	0.916	ug/L #	44
18) trans-1,2-Dichloroethene	3.342	96	79496	12.889	ug/L	98
19) 1,1-Dichloroethane	3.853	63	649391	58.886	ug/L	96
22) cis-1,2-Dichloroethene	4.647	96	3074648	457.751	ug/L	97
27) 1,2-Dichloroethane	5.779	62	107616	12.127	ug/L	98
30) Cyclohexane	5.380	56	618	0.072	ug/L #	82
33) Benzene	5.763	78	13697	0.546	ug/L	100
34) Trichloroethene	6.531	95	51645	6.031	ug/L	97
35) Methylcyclohexane	6.679	83	8040	0.763	ug/L #	32
37) 1,2-Dichloropropane	6.676	63	3564	0.603	ug/L #	94
61) 1,2,3-Trichloropropane	11.804	75	4104	1.147	ug/L #	63

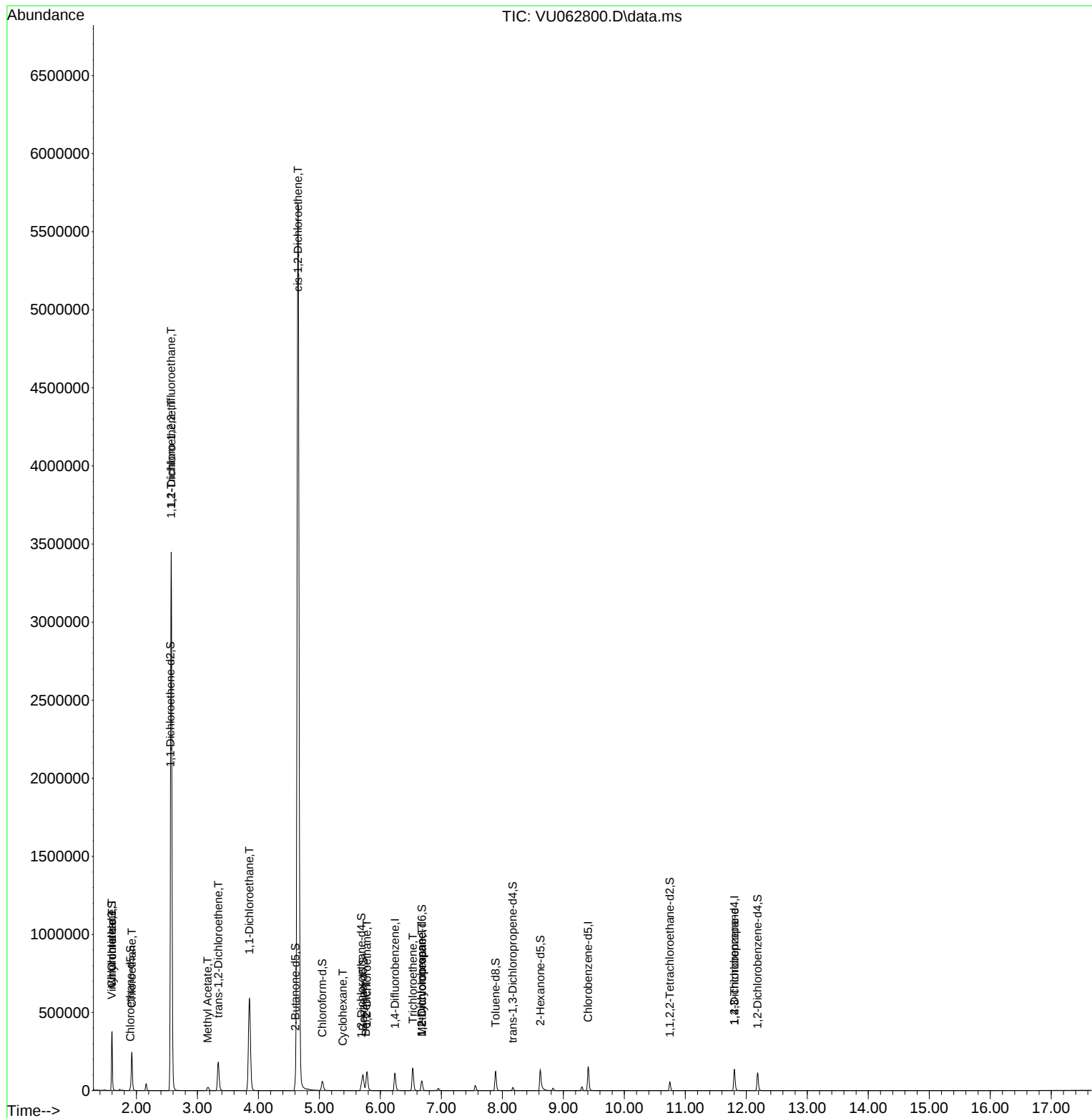
(#) = qualifier out of range (m) = manual integration (+) = signals summed

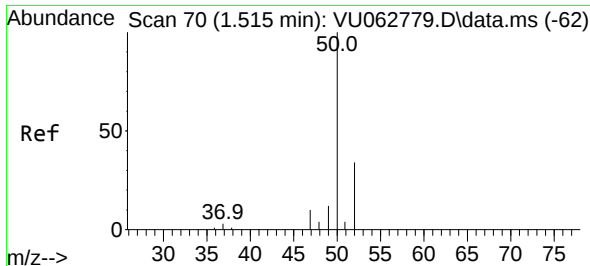
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062800.D
Acq On : 16 Jan 2025 05:44
Operator : MD/SY
Sample : Q1071-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 06:27:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

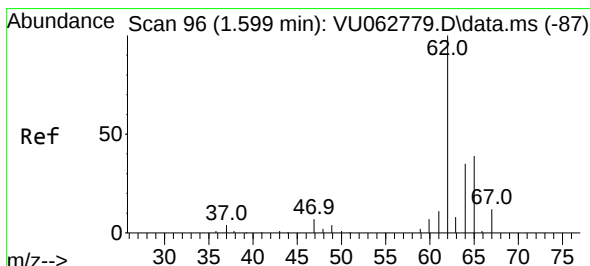
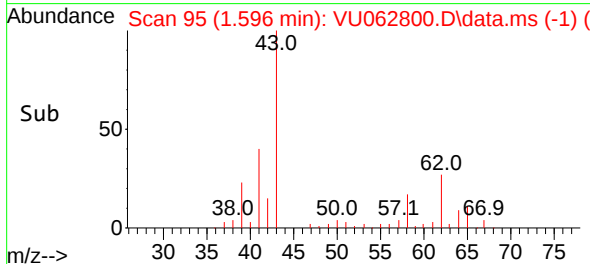
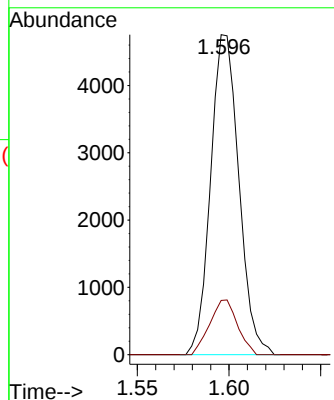
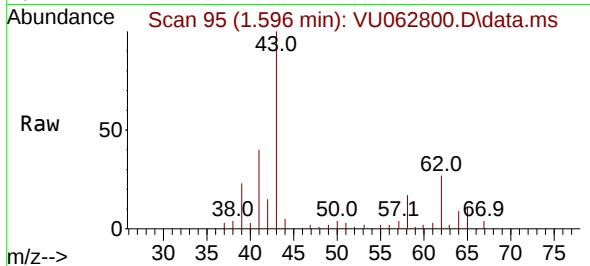




#3
Chloromethane
Concen: 0.858 ug/L
RT: 1.596 min Scan# 91
Delta R.T. 0.081 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

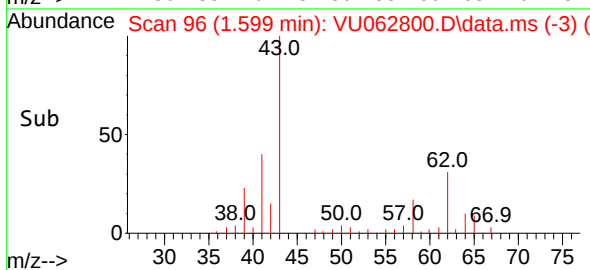
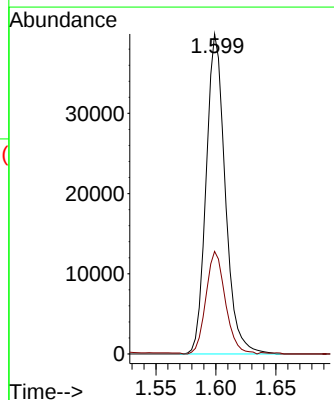
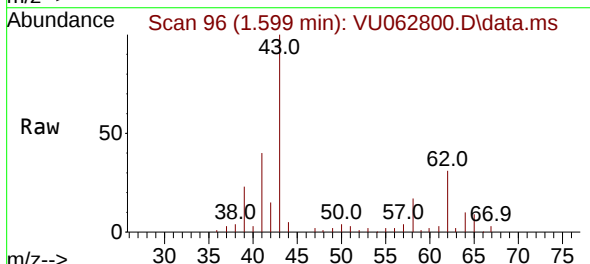
Instrument :
MSVOA_U
ClientSampleId :

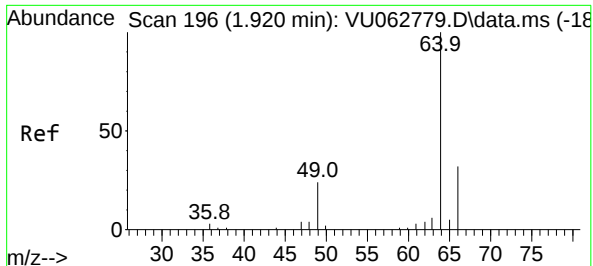
Tgt Ion: 50 Resp: 5088
Ion Ratio Lower Upper
50 100
52 16.9 24.1 44.7#



#5
Vinyl chloride
Concen: 6.629 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

Tgt Ion: 62 Resp: 44256
Ion Ratio Lower Upper
62 100
64 32.1 23.4 43.4

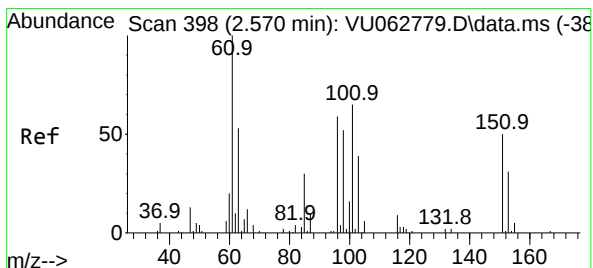
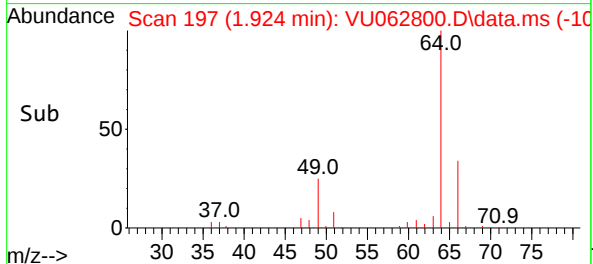
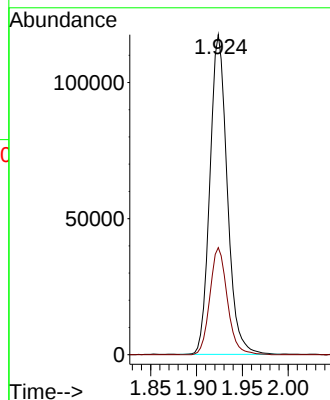
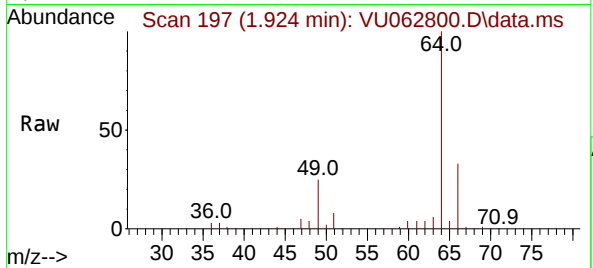




#8
Chloroethane
Concen: 38.554 ug/L
RT: 1.924 min Scan# 196
Delta R.T. 0.003 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

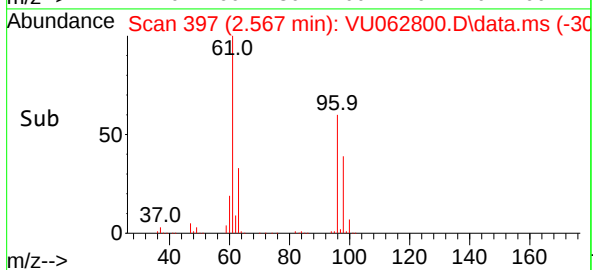
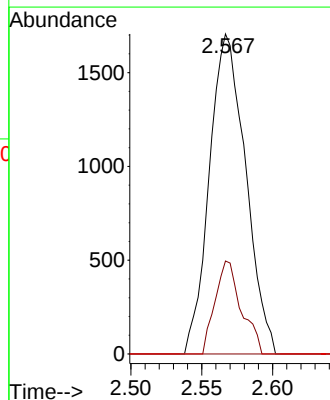
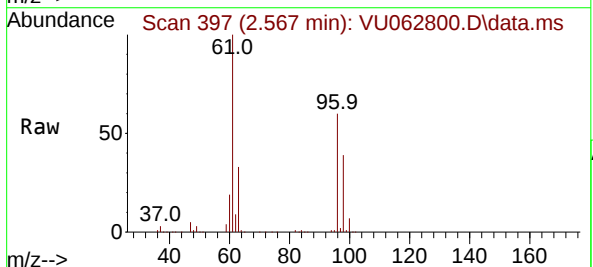
Instrument :
MSVOA_U
ClientSampleId :

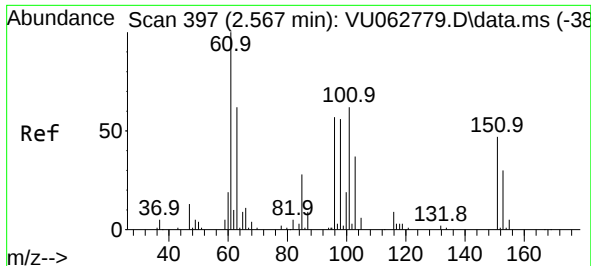
Tgt Ion: 64 Resp: 154644
Ion Ratio Lower Upper
64 100
66 33.4 21.6 40.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.466 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

Tgt Ion:101 Resp: 3034
Ion Ratio Lower Upper
101 100
85 21.0 37.0 55.6#
151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 202.048 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Instrument :

MSVOA_U

ClientSampleId :

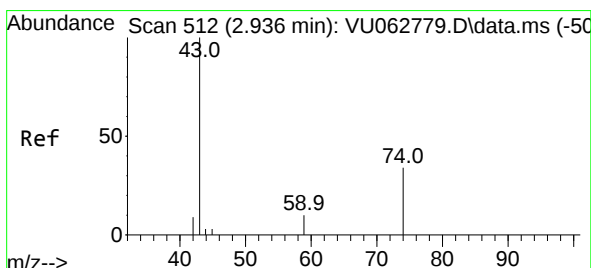
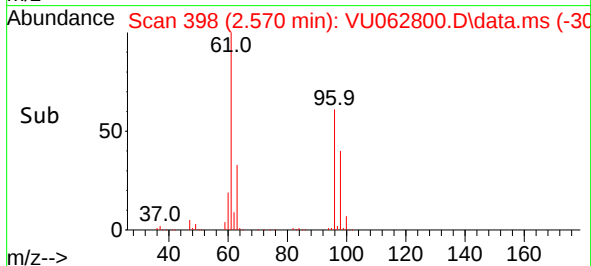
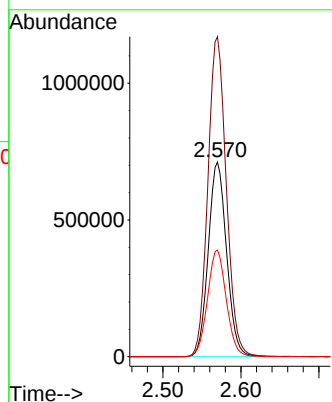
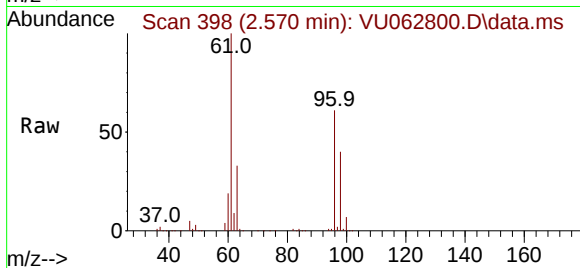
Tgt Ion: 96 Resp: 1163208

Ion Ratio Lower Upper

96 100

61 164.4 120.4 223.6

63 54.8 82.3 152.9#



#15

Methyl Acetate

Concen: 0.916 ug/L

RT: 3.168 min Scan# 584

Delta R.T. 0.232 min

Lab File: VU062800.D

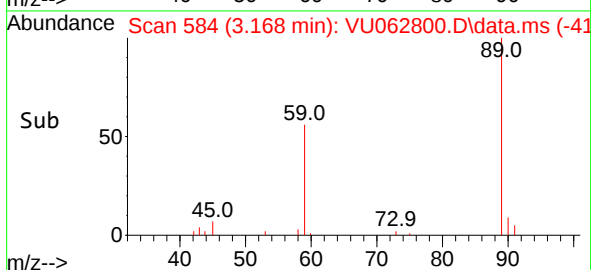
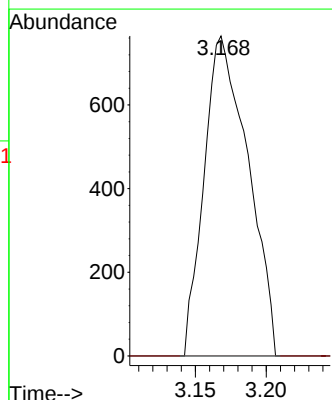
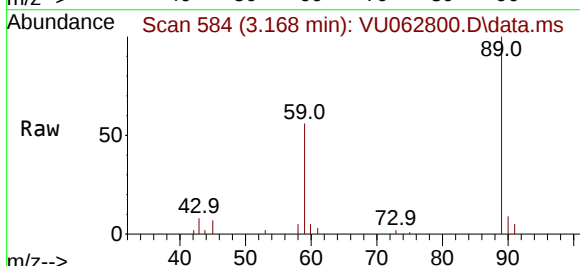
Acq: 16 Jan 2025 05:44

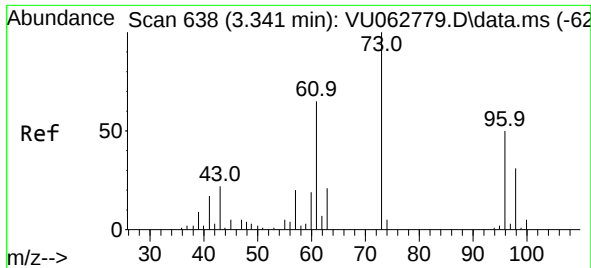
Tgt Ion: 43 Resp: 1650

Ion Ratio Lower Upper

43 100

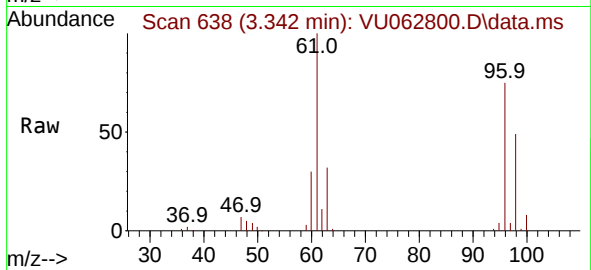
74 0.0 24.4 36.6#



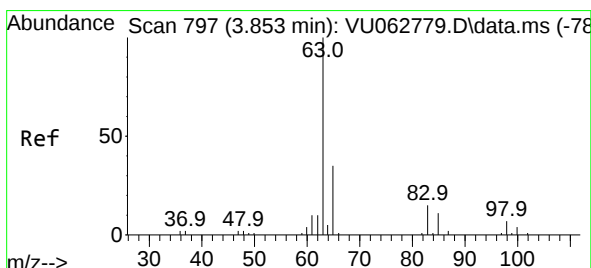
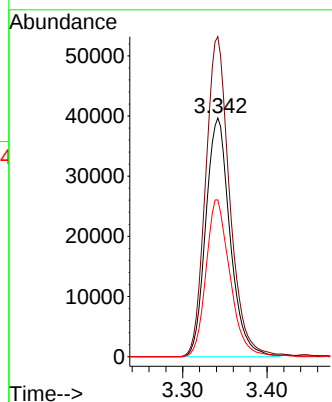
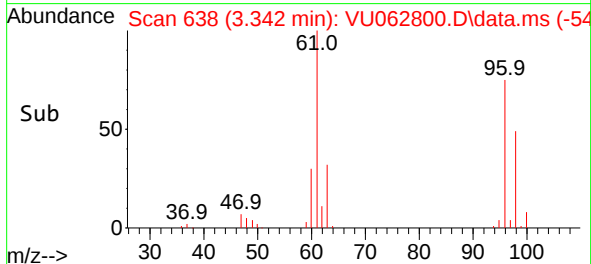


#18
trans-1,2-Dichloroethene
Concen: 12.889 ug/L
RT: 3.342 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

Instrument :
MSVOA_U
ClientSampleId :

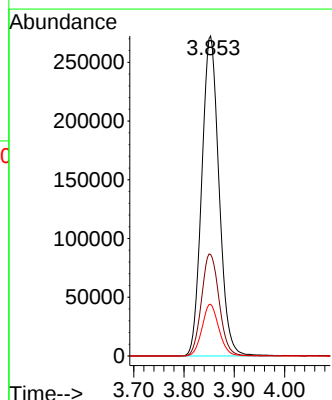
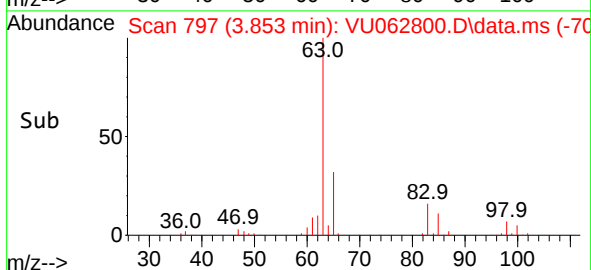
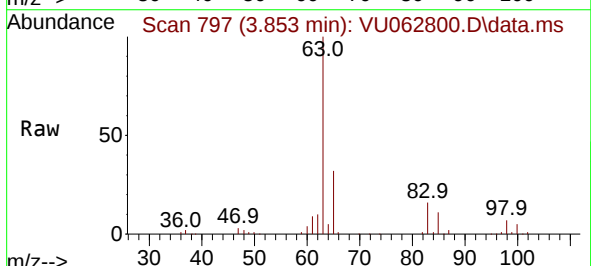


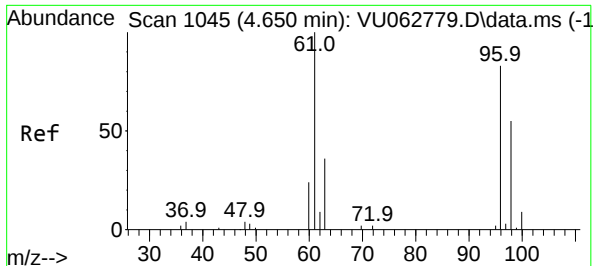
Tgt Ion: 96 Resp: 79496
Ion Ratio Lower Upper
96 100
61 134.1 94.4 175.2
98 65.7 42.8 79.4



#19
1,1-Dichloroethane
Concen: 58.886 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062800.D
Acq: 16 Jan 2025 05:44

Tgt Ion: 63 Resp: 649391
Ion Ratio Lower Upper
63 100
65 31.8 20.7 38.5
83 16.1 10.5 19.5





#22

cis-1,2-Dichloroethene

Concen: 457.751 ug/L

RT: 4.647 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

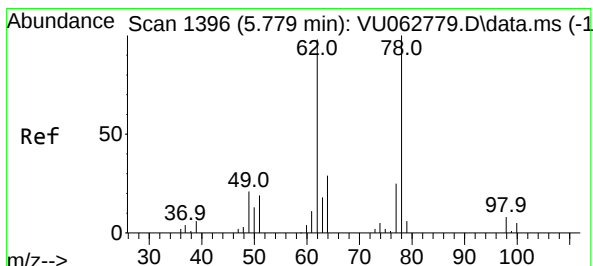
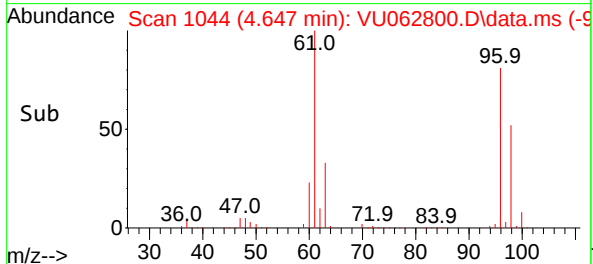
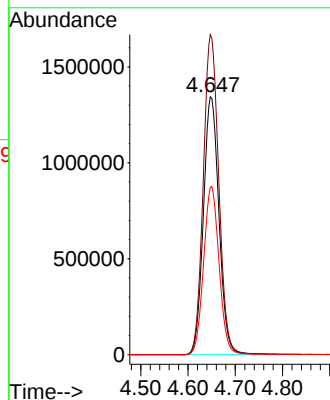
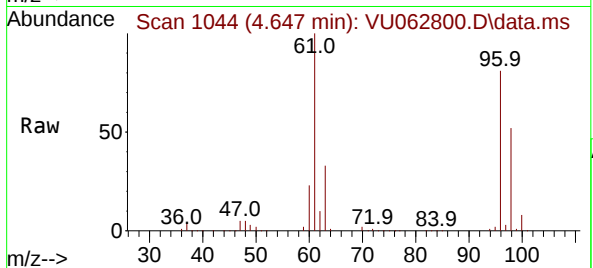
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 3074648

Ion	Ratio	Lower	Upper
96	100		
61	124.1	84.8	157.6
98	64.9	43.1	80.1



#27

1,2-Dichloroethane

Concen: 12.127 ug/L

RT: 5.779 min Scan# 1396

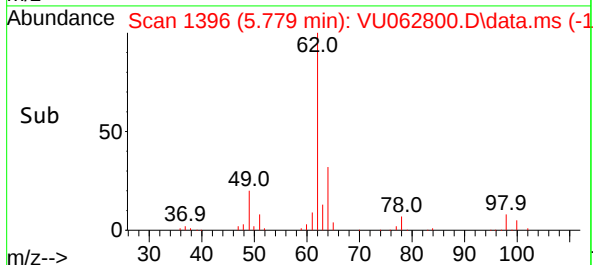
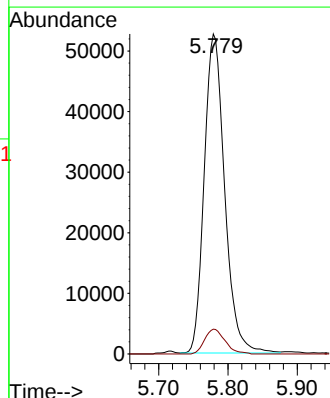
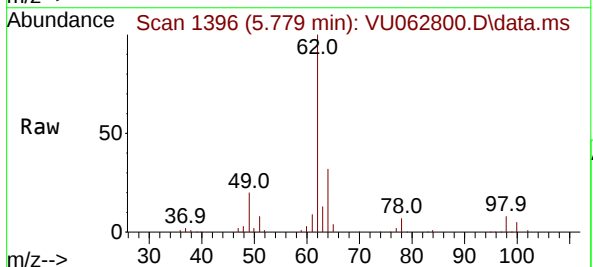
Delta R.T. 0.000 min

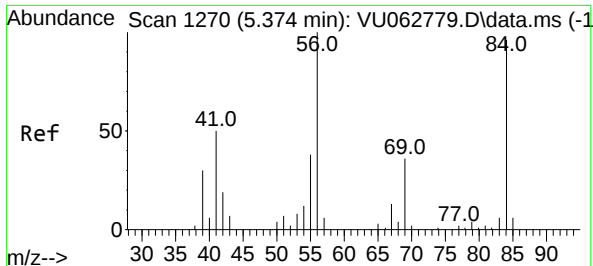
Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Tgt Ion: 62 Resp: 107616

Ion	Ratio	Lower	Upper
62	100		
98	7.7	5.8	8.6





#30

Cyclohexane

Concen: 0.072 ug/L

RT: 5.380 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Instrument :

MSVOA_U

ClientSampleId :

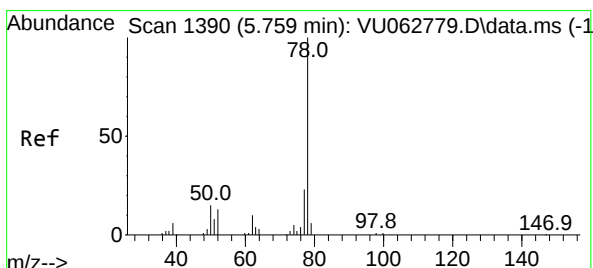
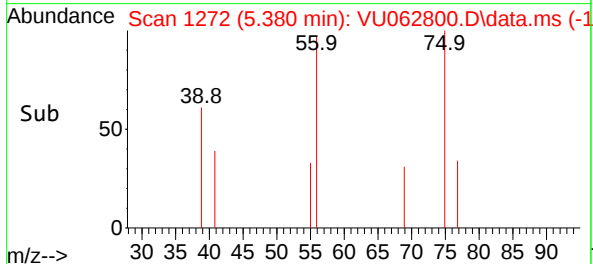
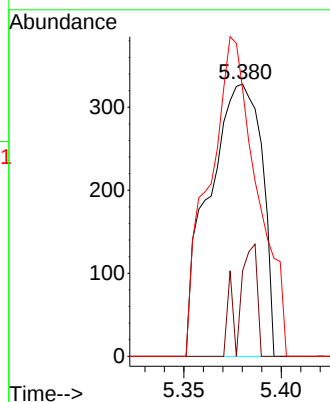
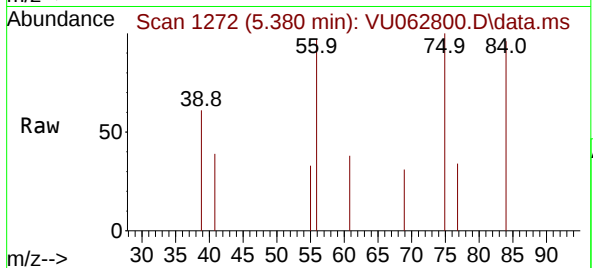
Tgt Ion: 56 Resp: 618

Ion Ratio Lower Upper

56 100

69 14.6 28.3 42.5#

84 106.5 76.5 114.7



#33

Benzene

Concen: 0.546 ug/L

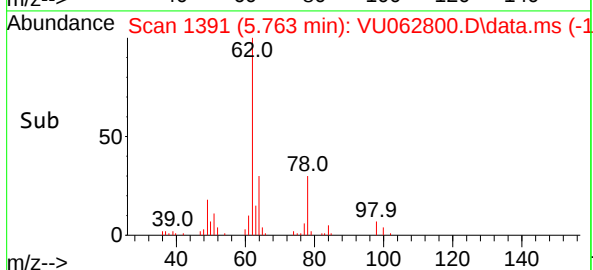
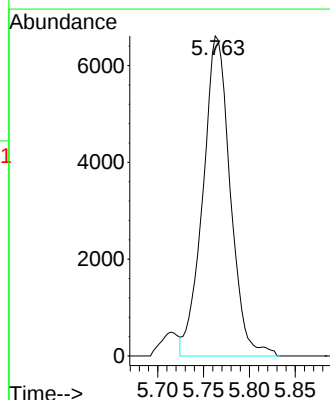
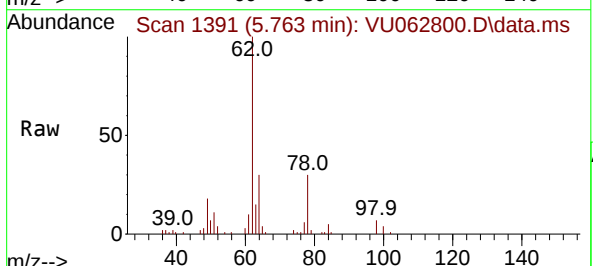
RT: 5.763 min Scan# 1391

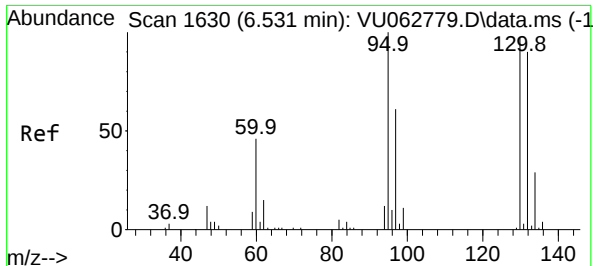
Delta R.T. 0.003 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Tgt Ion: 78 Resp: 13697





#34

Trichloroethene

Concen: 6.031 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

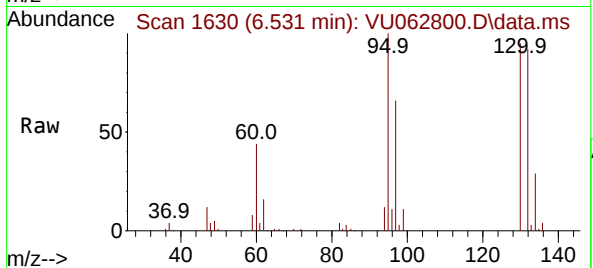
Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 51645

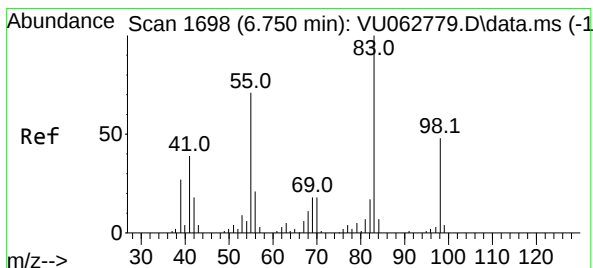
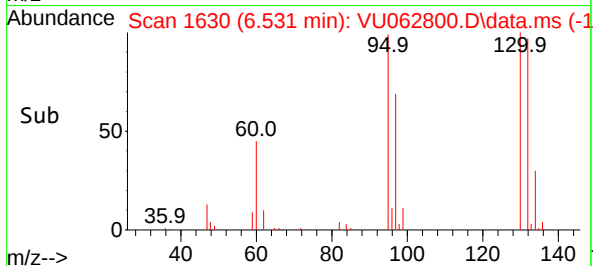
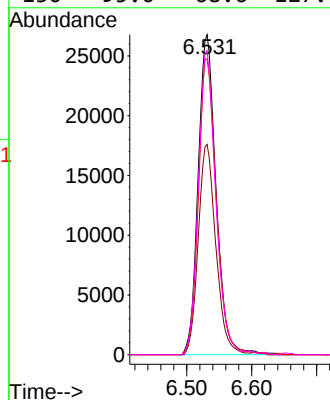
Ion Ratio Lower Upper

95 100

97 65.7 47.5 88.3

132 92.5 66.9 124.3

130 95.0 68.6 127.4



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

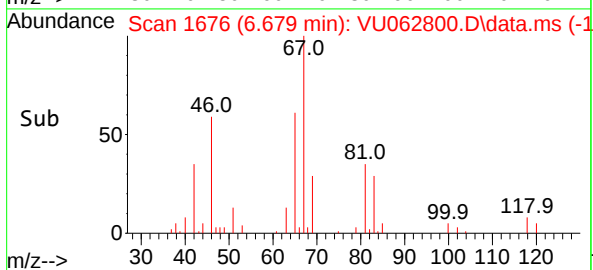
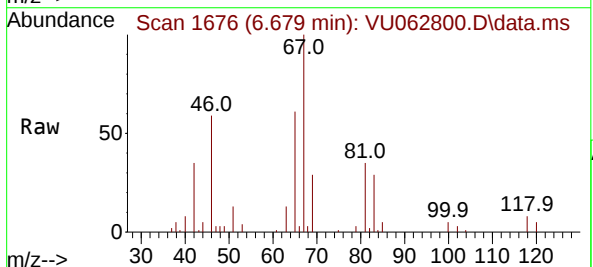
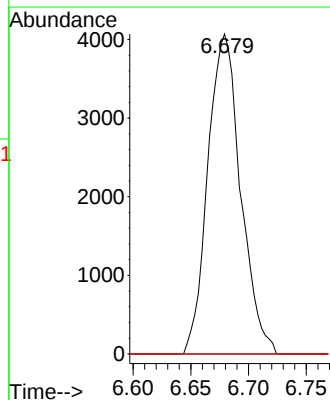
Tgt Ion: 83 Resp: 8040

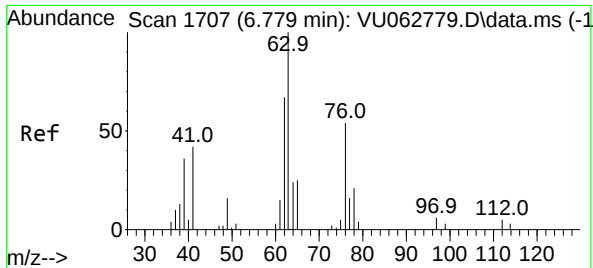
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 19.3 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Instrument :

MSVOA_U

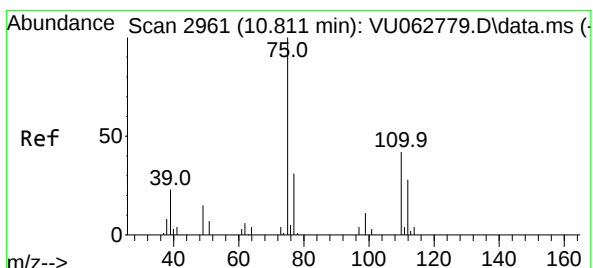
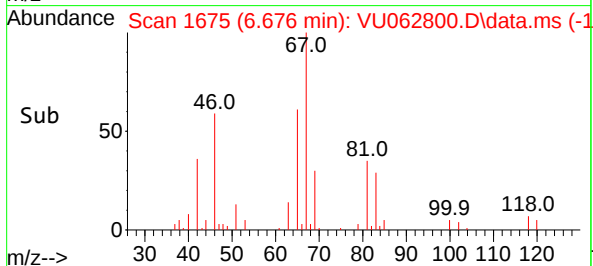
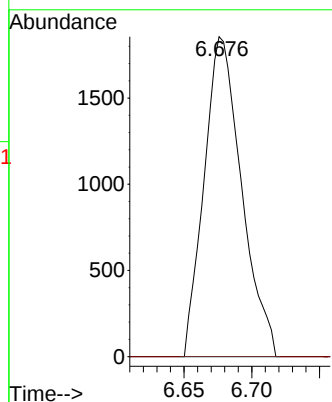
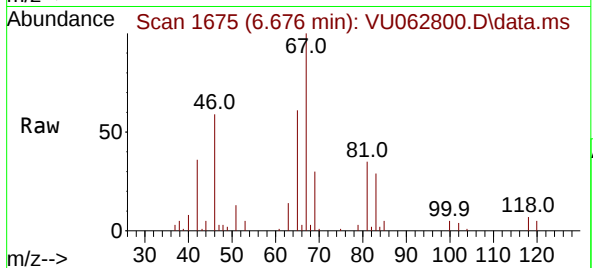
ClientSampleId :

Tgt Ion: 63 Resp: 3564

Ion Ratio Lower Upper

63 100

112 6.7 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062800.D

Acq: 16 Jan 2025 05:44

Tgt Ion: 75 Resp: 4104

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 32.6 25.9 38.9

