

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062683.D
 Acq On : 10 Jan 2025 14:48
 Operator : MD/SY
 Sample : Q1058-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 22:45:19 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)

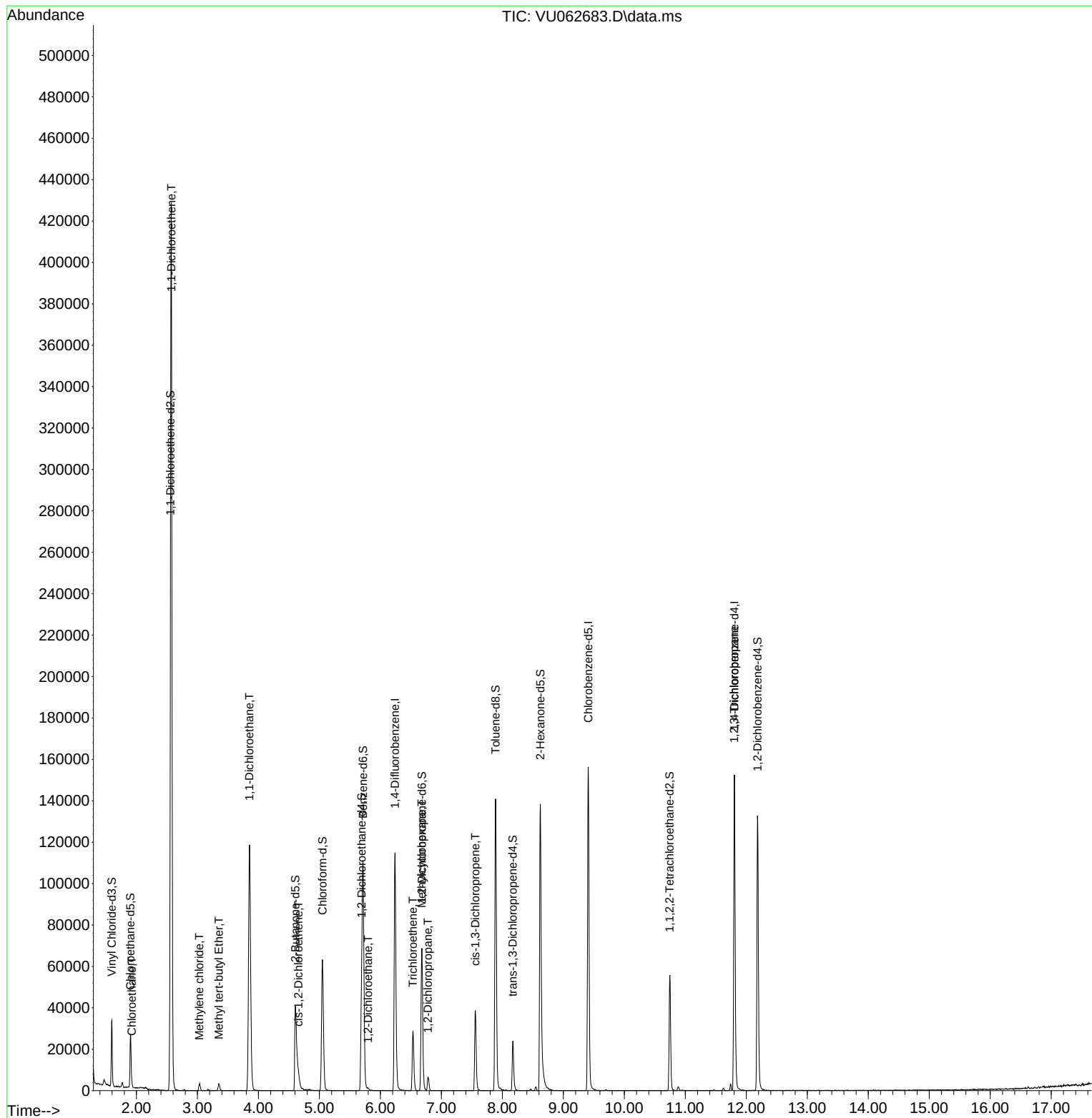
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21204	3.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.901	69	18622	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.557	65	12103	4.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.605	46	56867	52.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.000%
24) Chloroform-d	5.049	84	61541	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	36558	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.714	84	103176	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.679	67	30390	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.888	98	98956	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.171	79	15442	5.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.621	63	47341	50.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27311	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	37884	5.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
8) Chloroethane	1.924	64	876	0.210	ug/L #	82
12) 1,1-Dichloroethene	2.570	96	138521	23.097	ug/L #	76
16) Methylene chloride	3.030	84	1759	0.268	ug/L	90
17) Methyl tert-butyl Ether	3.351	73	3678	0.223	ug/L #	71
19) 1,1-Dichloroethane	3.853	63	131744	11.468	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	2688	0.384	ug/L	89
27) 1,2-Dichloroethane	5.795	62	1448	0.157	ug/L #	79
34) Trichloroethene	6.531	95	10526	1.207	ug/L	95
35) Methylcyclohexane	6.676	83	9101	0.848	ug/L #	24
37) 1,2-Dichloropropane	6.779	63	2420	0.402	ug/L #	85
39) cis-1,3-Dichloropropene	7.557	75	1325	0.129	ug/L	88
61) 1,2,3-Trichloropropane	11.801	75	4231	1.122	ug/L #	59

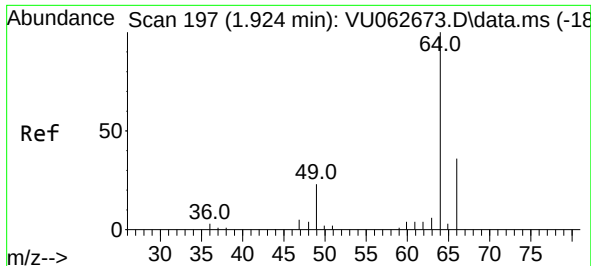
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

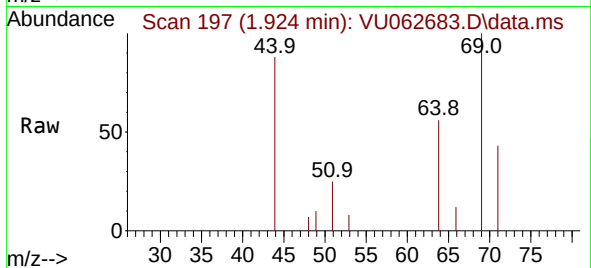
Quant Time: Jan 10 22:45:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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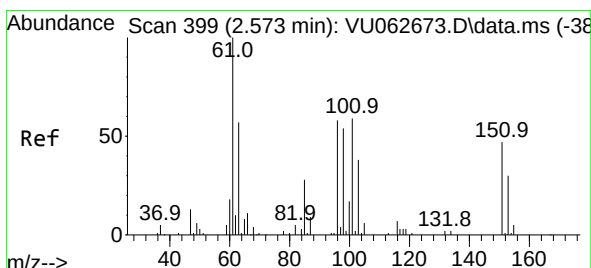
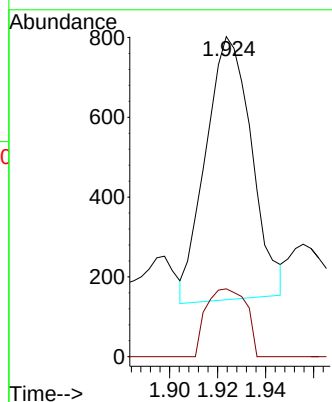
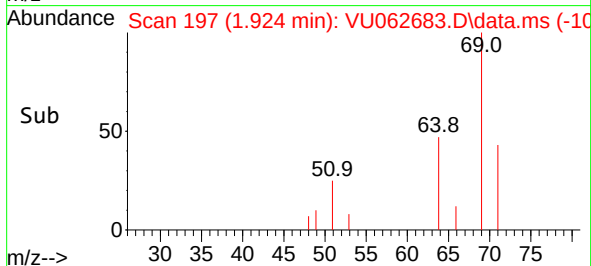


#8
Chloroethane
Concen: 0.210 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062683.D
Acq: 10 Jan 2025 14:48

Instrument :
MSVOA_U
ClientSampleId :

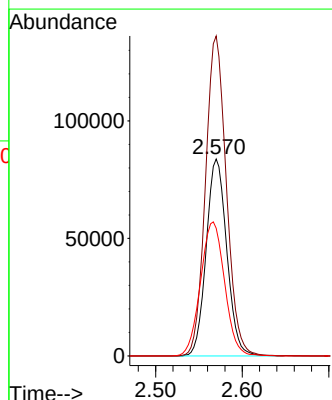
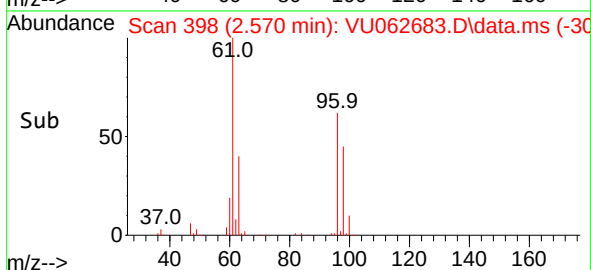
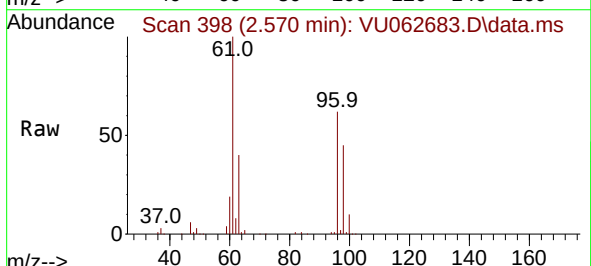


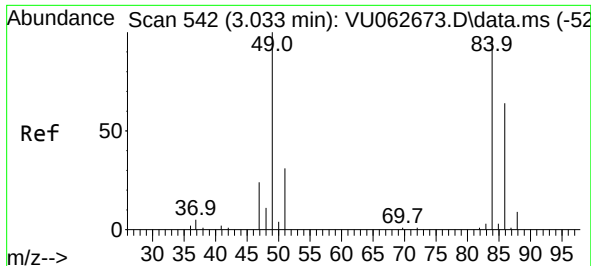
Tgt Ion: 64 Resp: 876
Ion Ratio Lower Upper
64 100
66 21.2 21.6 40.2#



#12
1,1-Dichloroethene
Concen: 23.097 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062683.D
Acq: 10 Jan 2025 14:48

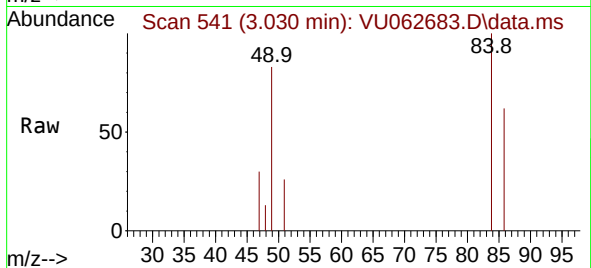
Tgt Ion: 96 Resp: 138521
Ion Ratio Lower Upper
96 100
61 162.4 120.4 223.6
63 64.8 82.3 152.9#



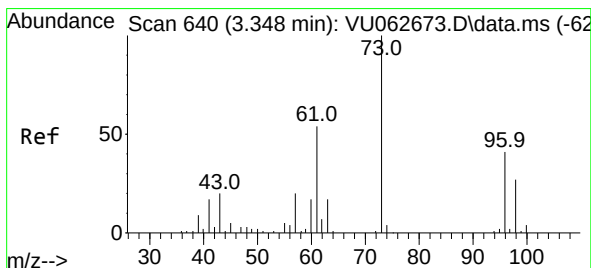
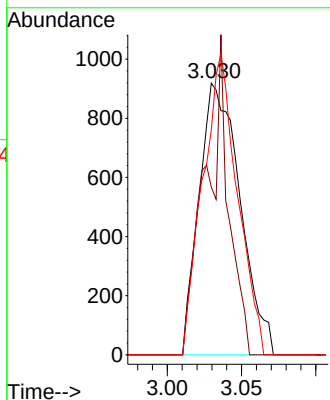
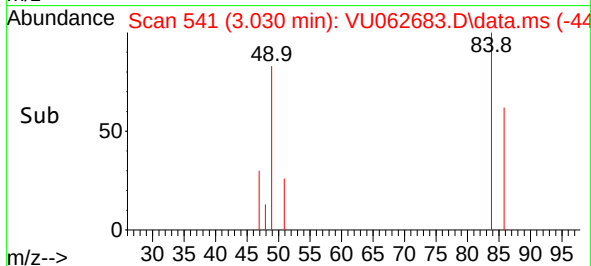


#16
Methylene chloride
Concen: 0.268 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU062683.D
Acq: 10 Jan 2025 14:48

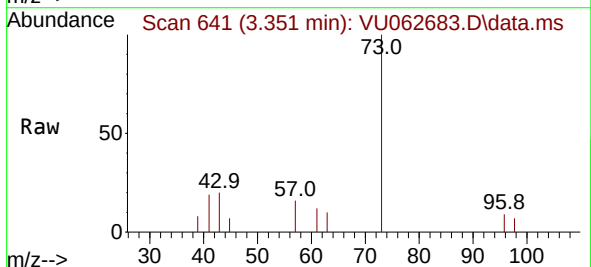
Instrument :
MSVOA_U
ClientSampleId :



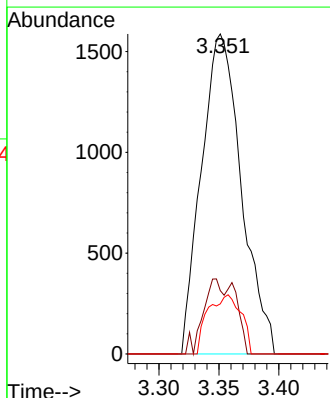
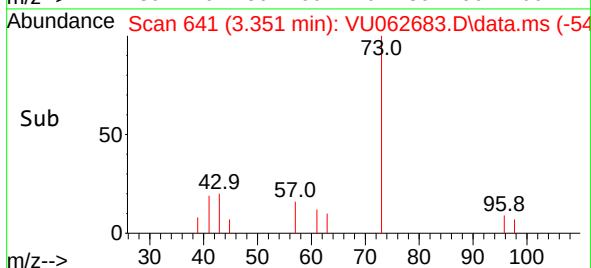
Tgt Ion: 84 Resp: 1759
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 82.8 68.3 126.9

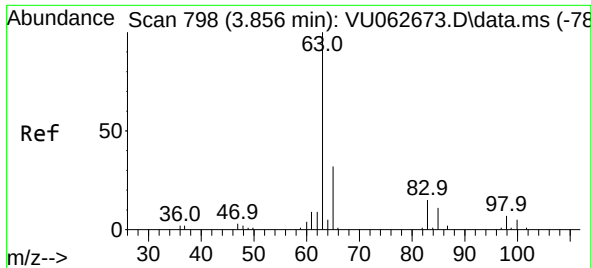


#17
Methyl tert-butyl Ether
Concen: 0.223 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062683.D
Acq: 10 Jan 2025 14:48



Tgt Ion: 73 Resp: 3678
Ion Ratio Lower Upper
73 100
43 11.9 16.2 24.4#
57 0.0 14.6 22.0#

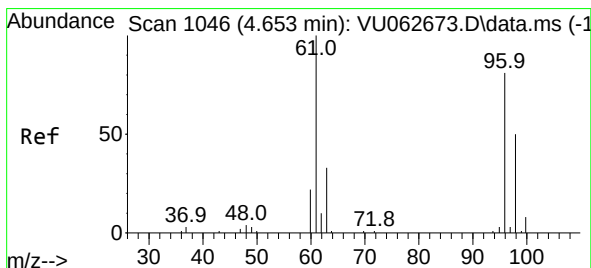
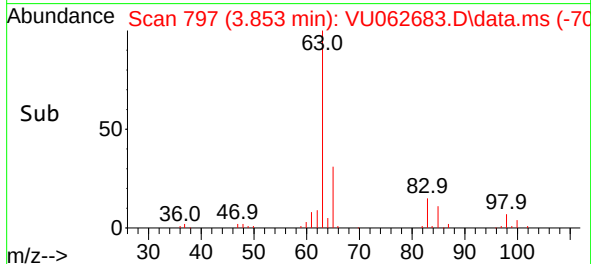
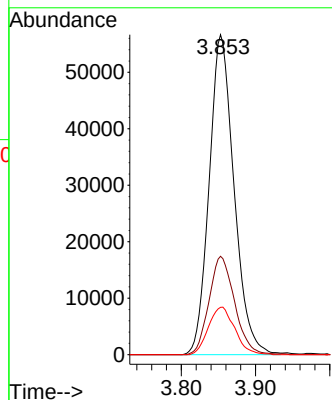
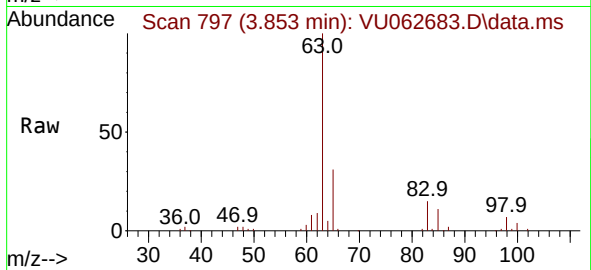




#19
1,1-Dichloroethane
Concen: 11.468 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062683.D
Acq: 10 Jan 2025 14:48

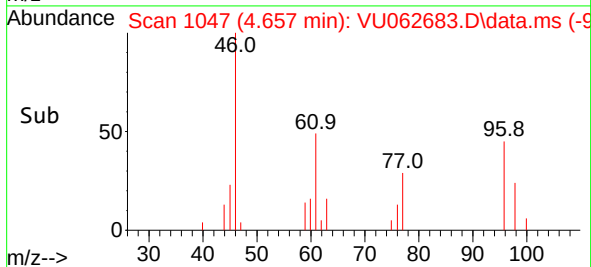
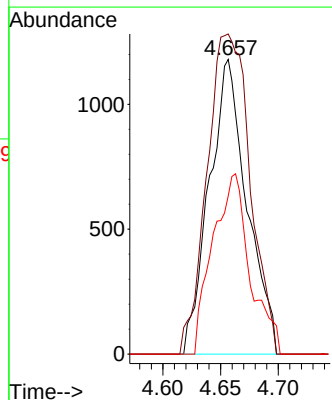
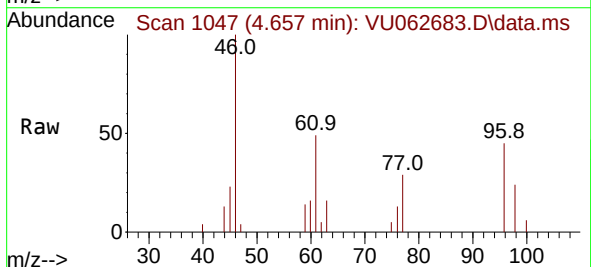
Instrument :
MSVOA_U
ClientSampleId :

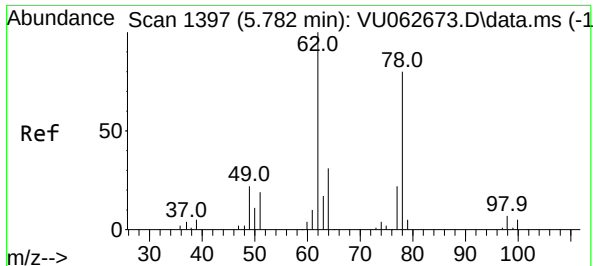
Tgt Ion: 63 Resp: 131744
Ion Ratio Lower Upper
63 100
65 30.8 20.7 38.5
83 14.8 10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 0.384 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062683.D
Acq: 10 Jan 2025 14:48

Tgt Ion: 96 Resp: 2688
Ion Ratio Lower Upper
96 100
61 108.6 84.8 157.6
98 53.6 43.1 80.1





#27

1,2-Dichloroethane

Concen: 0.157 ug/L

RT: 5.795 min Scan# 14

Delta R.T. 0.013 min

Lab File: VU062683.D

Acq: 10 Jan 2025 14:48

Instrument :

MSVOA_U

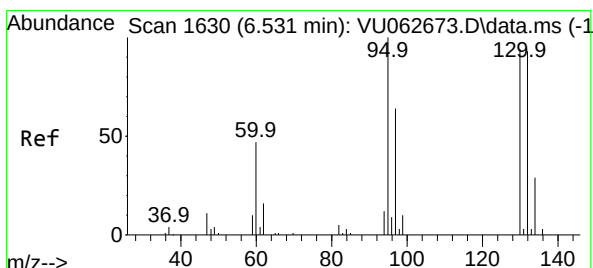
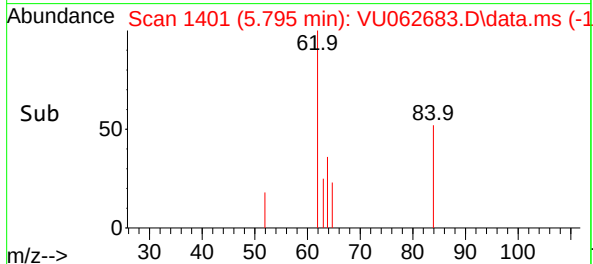
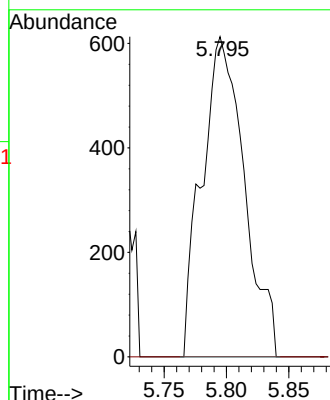
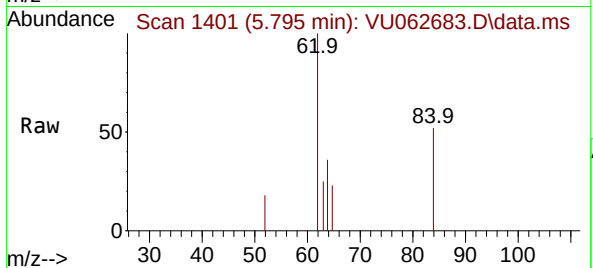
ClientSampleId :

Tgt Ion: 62 Resp: 1448

Ion Ratio Lower Upper

62 100

98 0.0 5.8 8.6#



#34

Trichloroethene

Concen: 1.207 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VU062683.D

Acq: 10 Jan 2025 14:48

Tgt Ion: 95 Resp: 10526

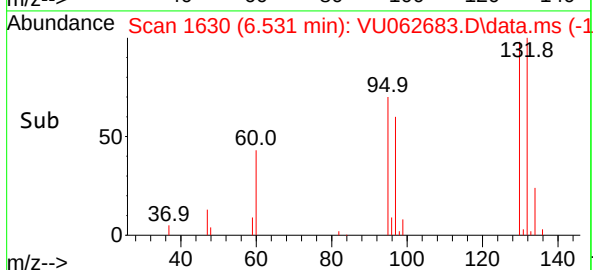
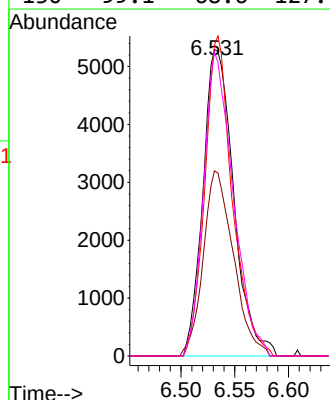
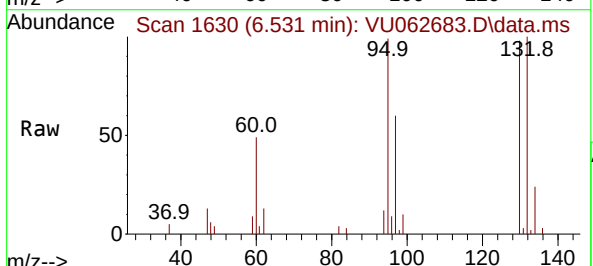
Ion Ratio Lower Upper

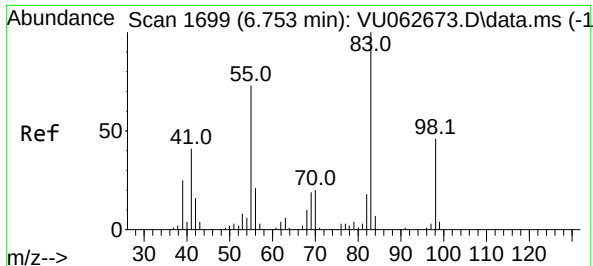
95 100

97 60.4 47.5 88.3

132 101.4 66.9 124.3

130 99.1 68.6 127.4





#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU062683.D

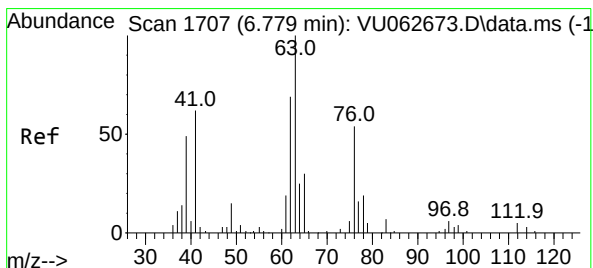
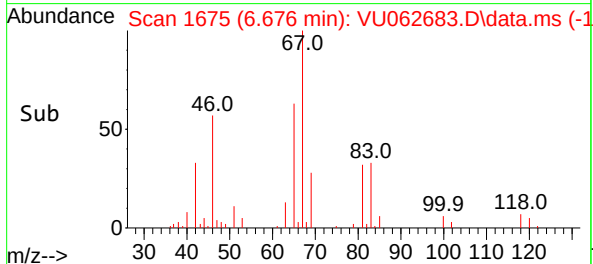
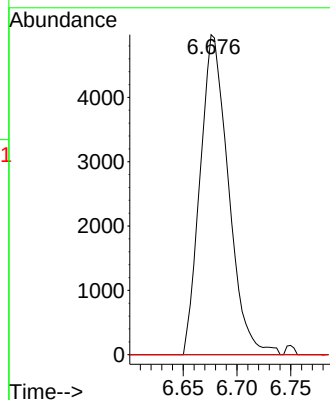
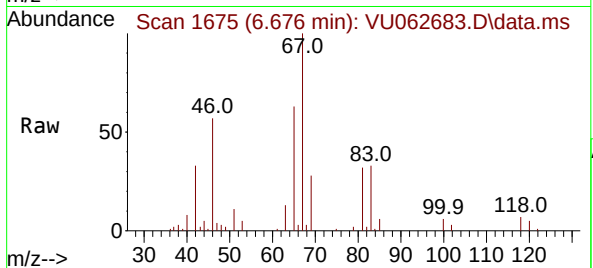
Acq: 10 Jan 2025 14:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9101
Ion Ratio	Lower	Upper
83	100	
55	0.0	57.2 85.8#
98	5.3	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.402 ug/L

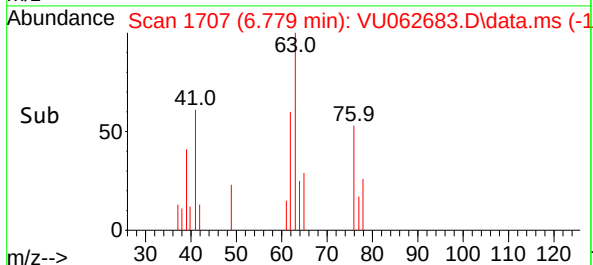
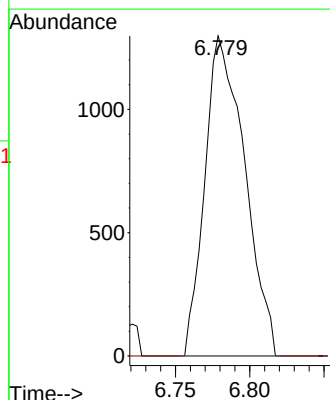
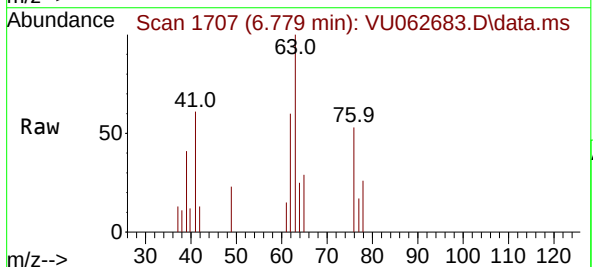
RT: 6.779 min Scan# 1707

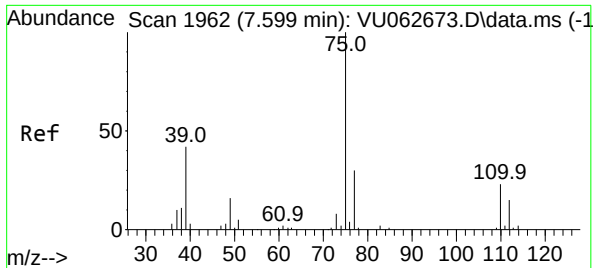
Delta R.T. 0.000 min

Lab File: VU062683.D

Acq: 10 Jan 2025 14:48

Tgt Ion: 63	Resp:	2420
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.557 min Scan# 1962

Delta R.T. -0.042 min

Lab File: VU062683.D

Acq: 10 Jan 2025 14:48

Instrument :

MSVOA_U

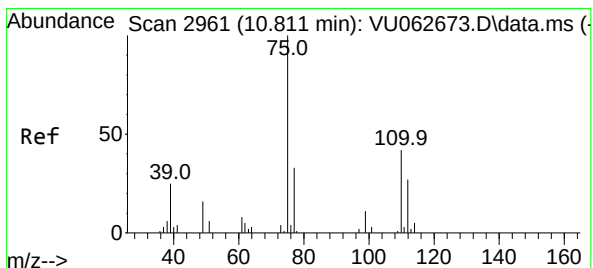
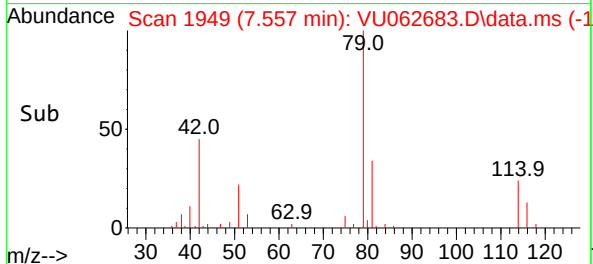
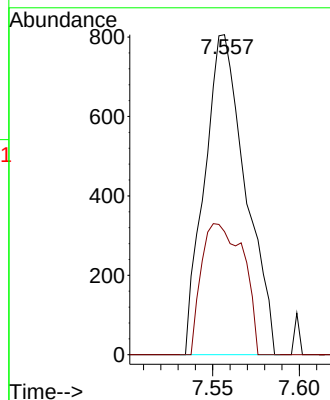
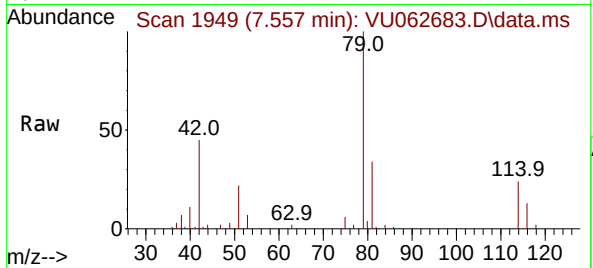
ClientSampleId :

Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

77 38.5 22.3 41.3



#61

1,2,3-Trichloropropane

Concen: 1.122 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062683.D

Acq: 10 Jan 2025 14:48

Tgt Ion: 75 Resp: 4231

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 37.3 25.9 38.9

