

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062877.D
 Acq On : 17 Jan 2025 17:25
 Operator : MD/SY
 Sample : Q1071-11DL 40X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

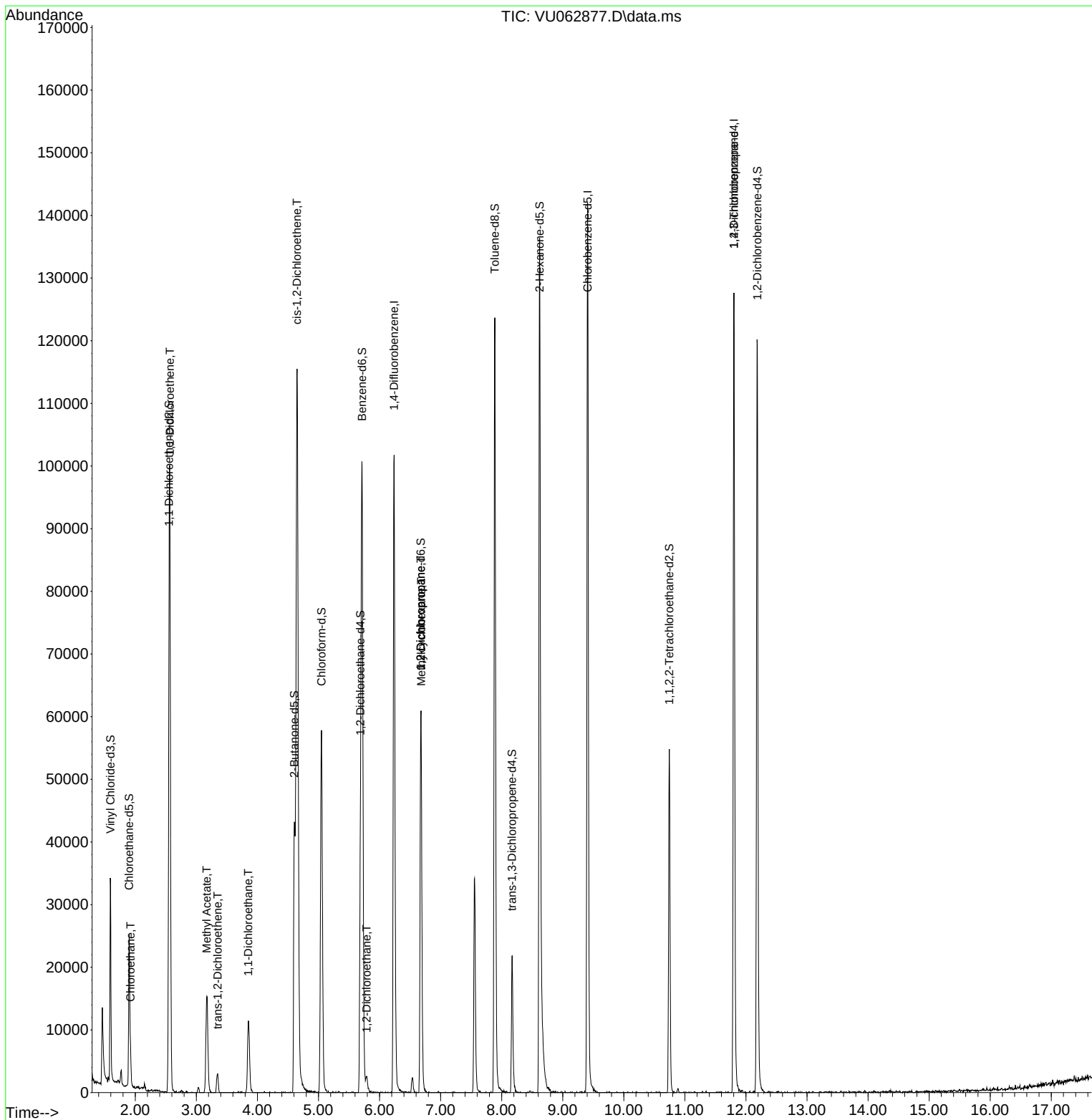
Quant Time: Jan 17 22:01:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

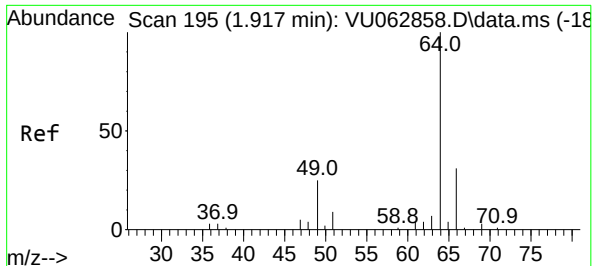
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	83902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18608	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.901	69	17557	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.554	65	10770	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.605	46	55518	58.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.920%
24) Chloroform-d	5.049	84	56424	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.689	65	33101	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.714	84	93798	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.676	67	25693	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.888	98	84658	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.171	79	13692	5.092	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.621	63	46848	55.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25560	5.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	33973	5.445	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.924	64	3354	0.924	ug/L	86
12) 1,1-Dichloroethene	2.567	96	22453	4.311	ug/L	90
15) Methyl Acetate	3.171	43	1281	0.786	ug/L #	44
18) trans-1,2-Dichloroethene	3.351	96	1477	0.265	ug/L	93
19) 1,1-Dichloroethane	3.853	63	13379	1.341	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	62957	10.360	ug/L	98
27) 1,2-Dichloroethane	5.788	62	2255	0.281	ug/L #	79
35) Methylcyclohexane	6.682	83	7704	0.801	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3560	0.660	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3810	1.145	ug/L #	60

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

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QLast Update : Fri Jan 17 21:53:56 2025
Response via : Initial Calibration

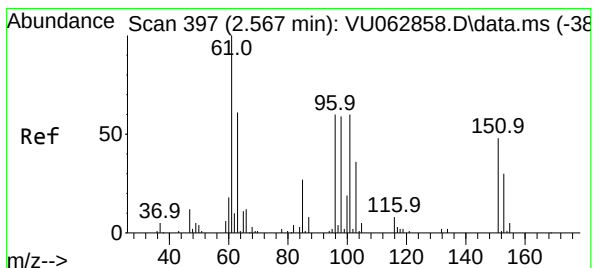
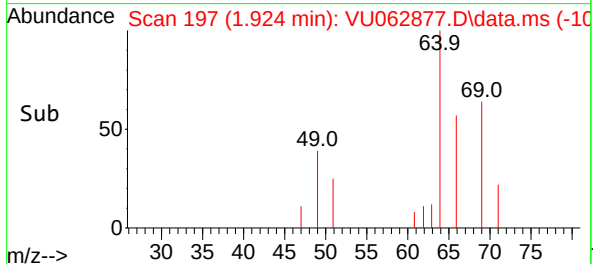
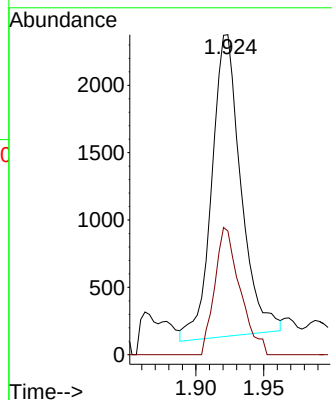
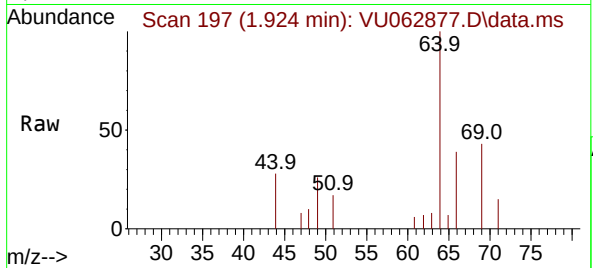




#8
Chloroethane
Concen: 0.924 ug/L
RT: 1.924 min Scan# 195
Delta R.T. 0.007 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

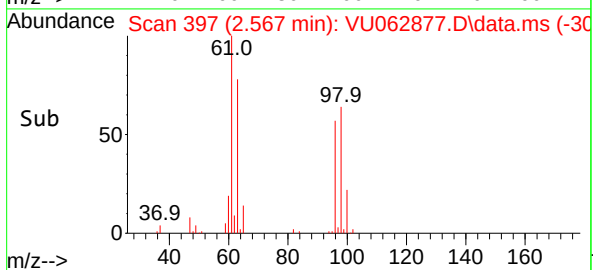
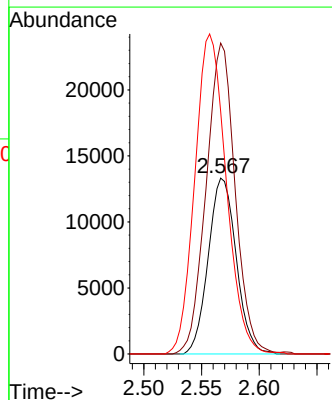
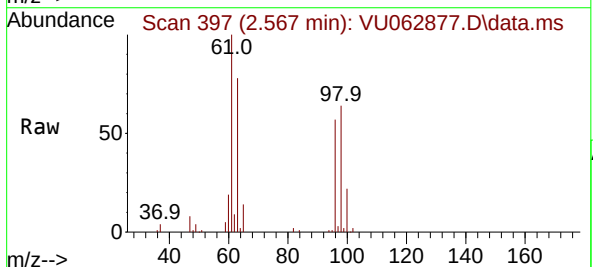
Instrument :
MSVOA_U
ClientSampleId :

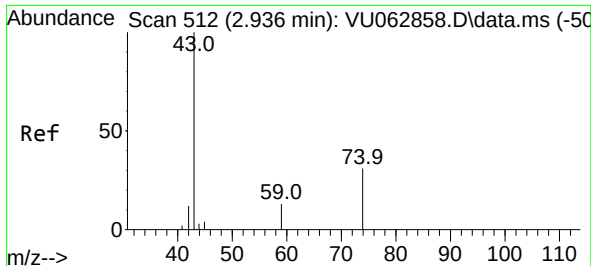
Tgt Ion: 64 Resp: 3354
Ion Ratio Lower Upper
64 100
66 38.6 21.6 40.2



#12
1,1-Dichloroethene
Concen: 4.311 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

Tgt Ion: 96 Resp: 22453
Ion Ratio Lower Upper
96 100
61 176.8 120.4 223.6
63 137.9 82.3 152.9

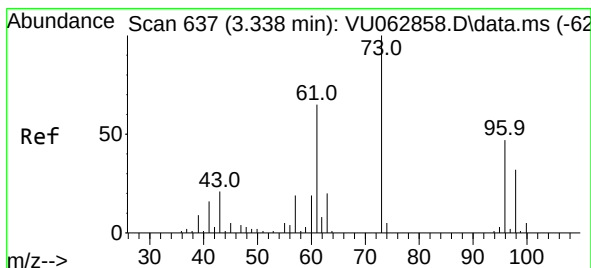
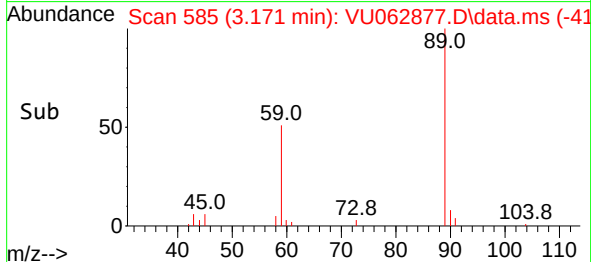
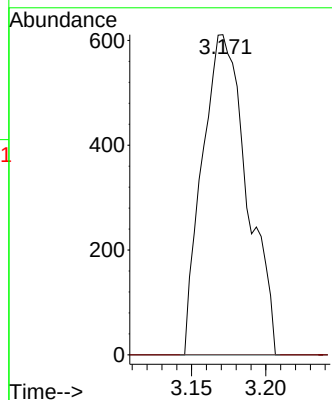
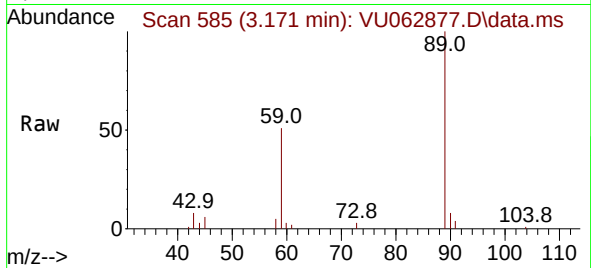




#15
Methyl Acetate
Concen: 0.786 ug/L
RT: 3.171 min Scan# 512
Delta R.T. 0.235 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

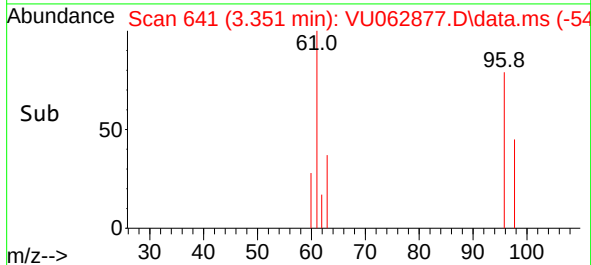
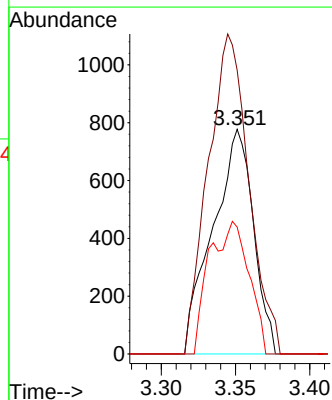
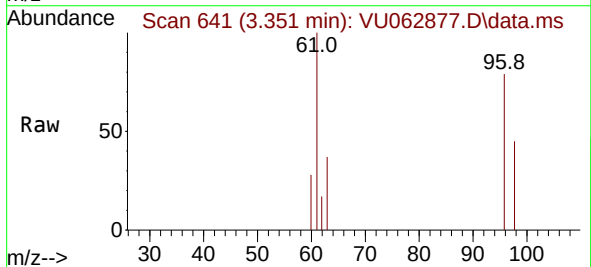
Instrument :
MSVOA_U
ClientSampleId :

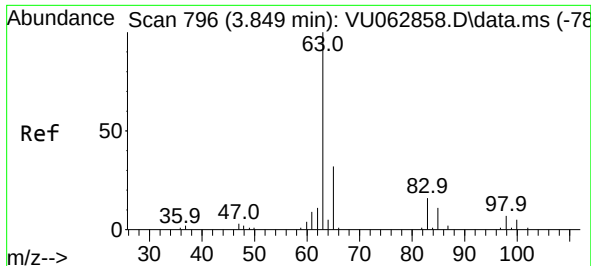
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.013 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

Tgt Ion: 96 Resp: 1477
Ion Ratio Lower Upper
96 100
61 126.4 94.4 175.2
98 56.5 42.8 79.4





#19

1,1-Dichloroethane

Concen: 1.341 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062877.D

Acq: 17 Jan 2025 17:25

Instrument :

MSVOA_U

ClientSampleId :

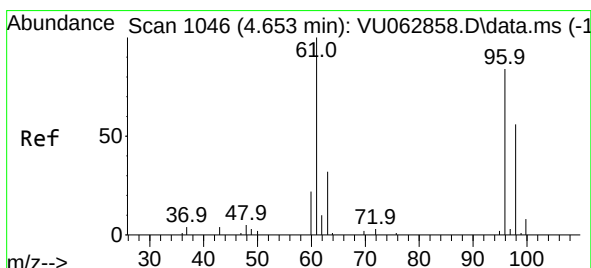
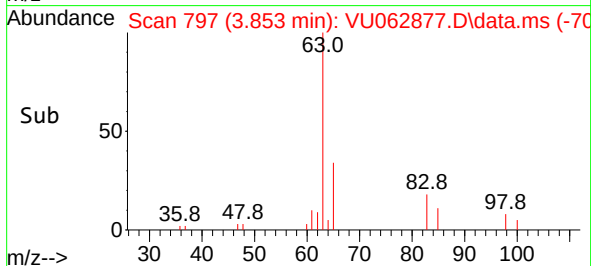
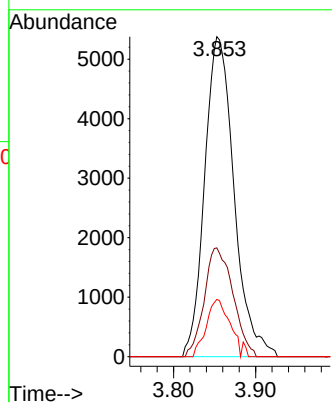
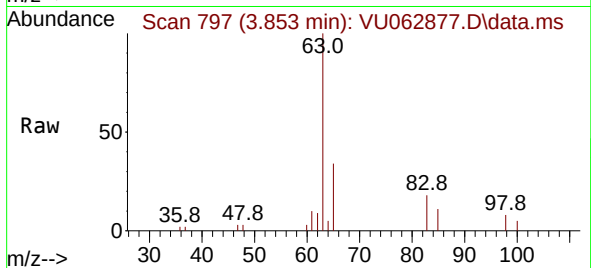
Tgt Ion: 63 Resp: 13379

Ion Ratio Lower Upper

63 100

65 34.0 20.7 38.5

83 17.9 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 10.360 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062877.D

Acq: 17 Jan 2025 17:25

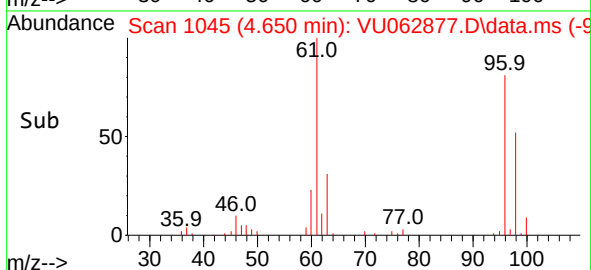
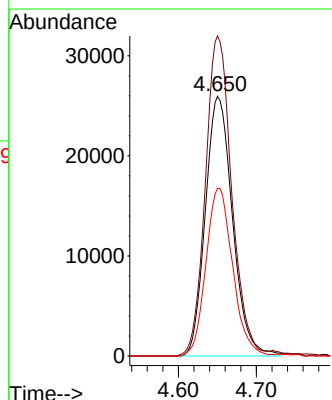
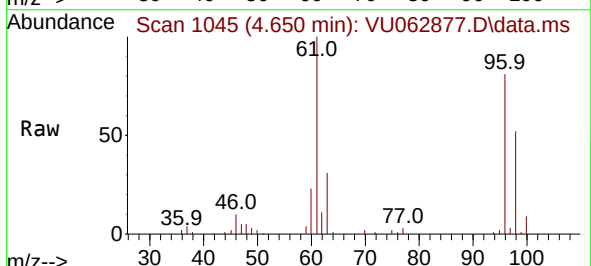
Tgt Ion: 96 Resp: 62957

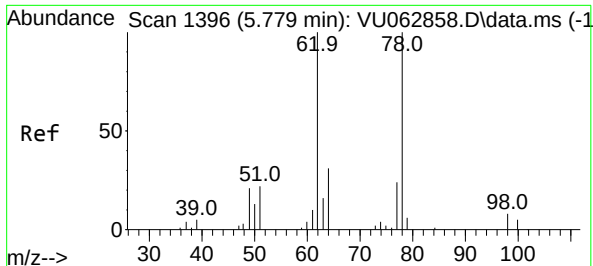
Ion Ratio Lower Upper

96 100

61 123.2 84.8 157.6

98 64.5 43.1 80.1

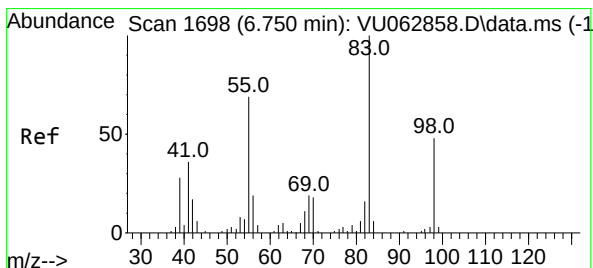
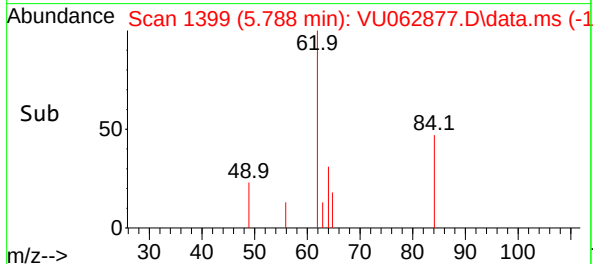
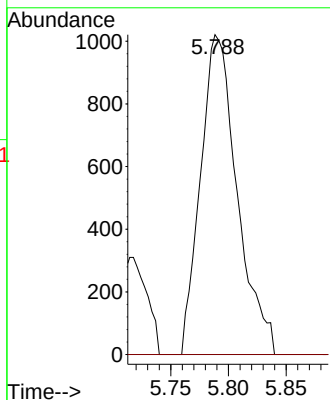
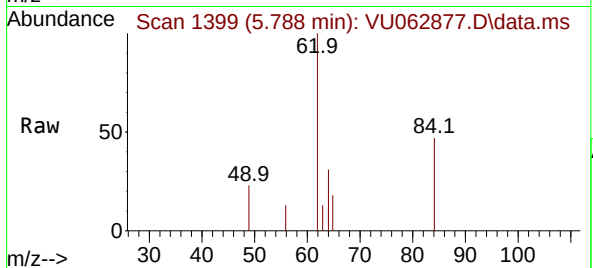




#27
1,2-Dichloroethane
Concen: 0.281 ug/L
RT: 5.788 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

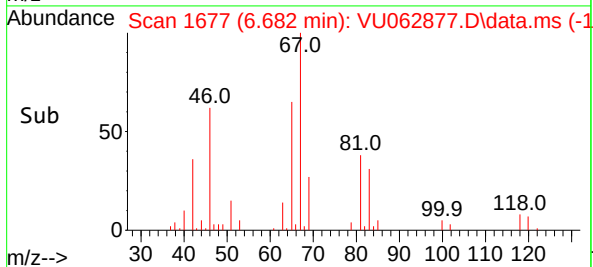
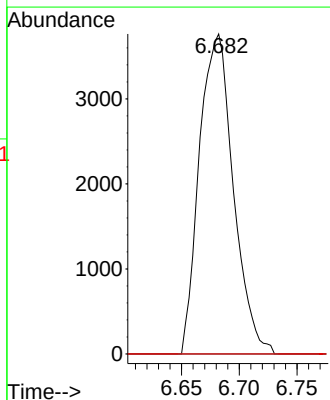
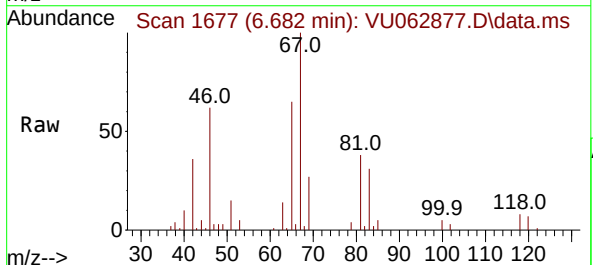
Instrument :
MSVOA_U
ClientSampleId :

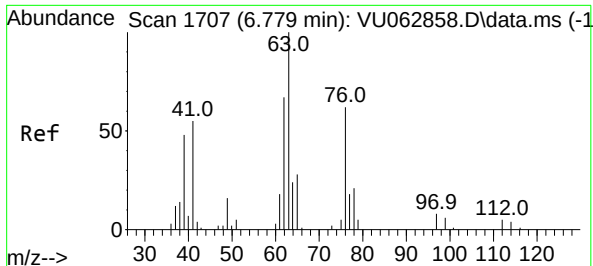
Tgt Ion: 62 Resp: 2255
Ion Ratio Lower Upper
62 100
98 0.0 5.8 8.6#



#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.067 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

Tgt Ion: 83 Resp: 7704
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: 0.660 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU062877.D

Acq: 17 Jan 2025 17:25

Instrument :

MSVOA_U

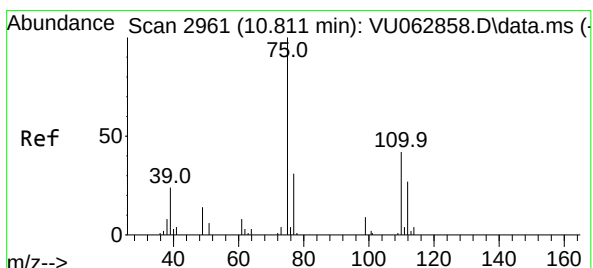
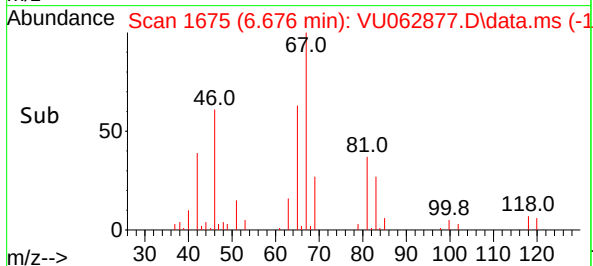
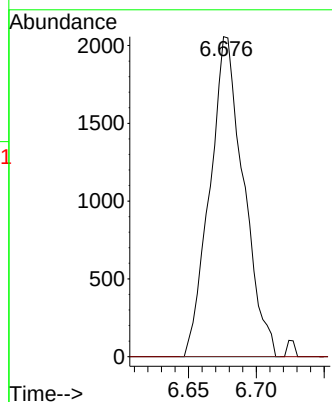
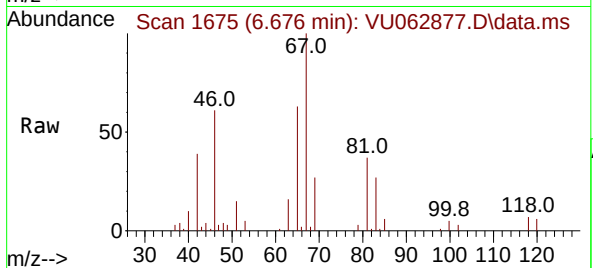
ClientSampleId :

Tgt Ion: 63 Resp: 3560

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.145 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062877.D

Acq: 17 Jan 2025 17:25

Tgt Ion: 75 Resp: 3810

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 36.4 25.9 38.9

