

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059477.D
 Acq On : 25 Jun 2024 17:30
 Operator : MD/SY
 Sample : P2961-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G86

Quant Time: Jun 26 04:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 04:26:20 2024
 Response via : Initial Calibration

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

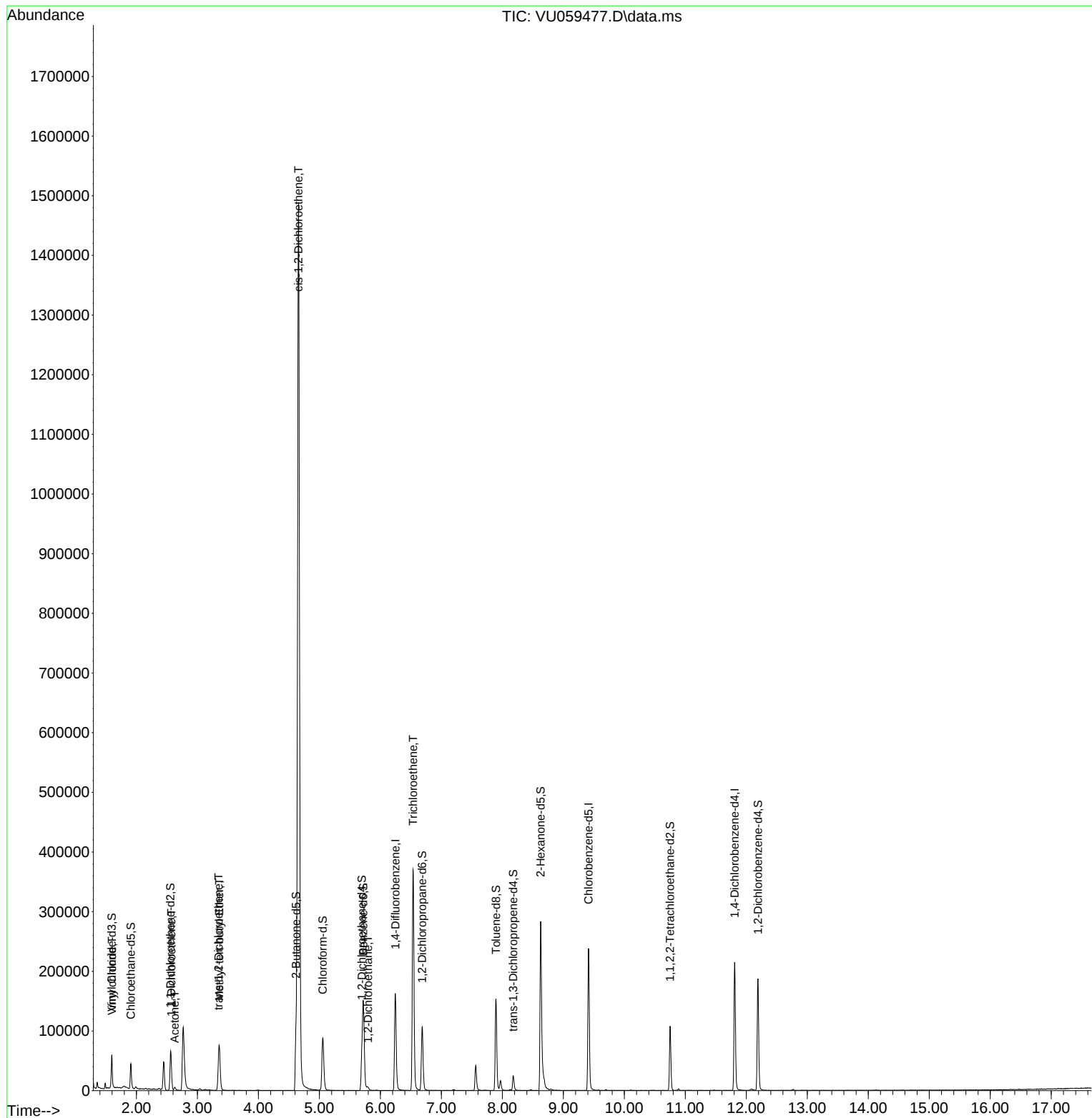
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28487	2.967	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.908	69	33425	3.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.557	65	11200	2.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	4.615	46	135697	68.615	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.240%#
24) Chloroform-d	5.052	84	83382	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.695	65	46049	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	143621	3.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.682	67	54499	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	110037	2.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.000%#
43) trans-1,3-Dichloroprop...	8.177	79	15421	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.628	63	94963	60.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55817	5.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	54829	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3944	0.284	ug/L	83
12) 1,1-Dichloroethene	2.570	96	4651	0.475	ug/L #	1
13) Acetone	2.628	43	6592	5.138	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	74609	3.536	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	4236	0.416	ug/L	83
22) cis-1,2-Dichloroethene	4.657	96	815109	72.613	ug/L	96
27) 1,2-Dichloroethane	5.798	62	4265	0.356	ug/L #	95
34) Trichloroethene	6.534	95	129882	11.011	ug/L	98

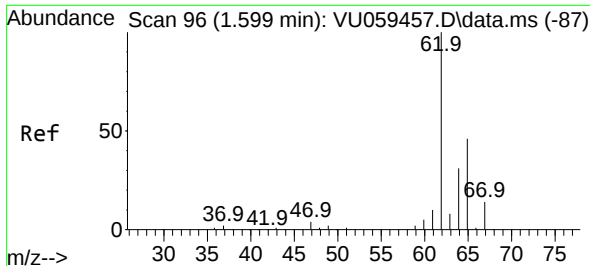
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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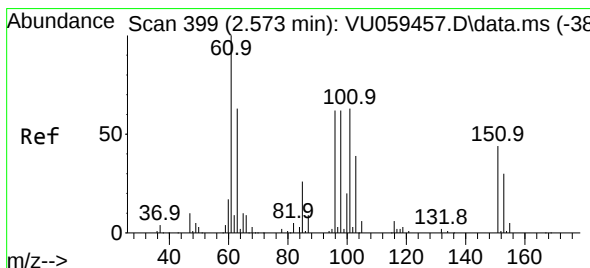
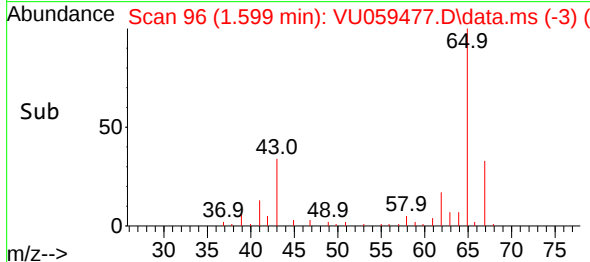
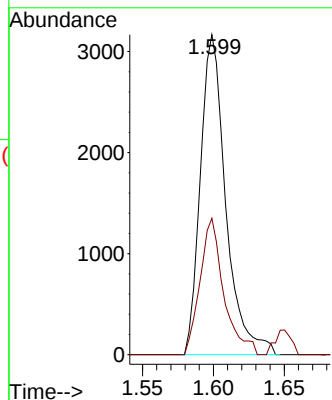
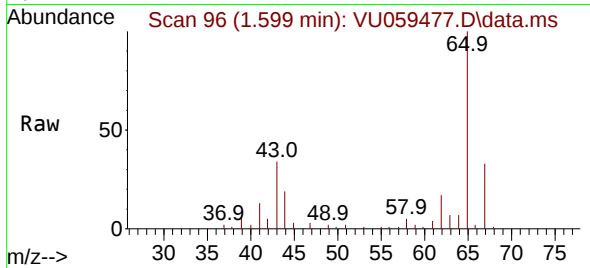




#5
 Vinyl chloride
 Concen: 0.284 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059477.D
 Acq: 25 Jun 2024 17:30

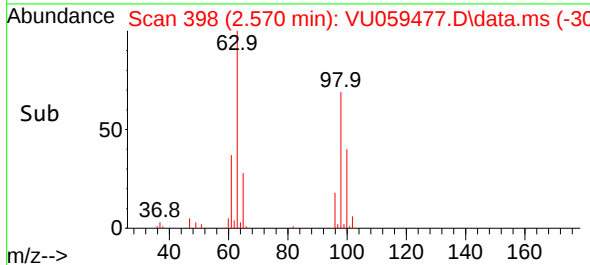
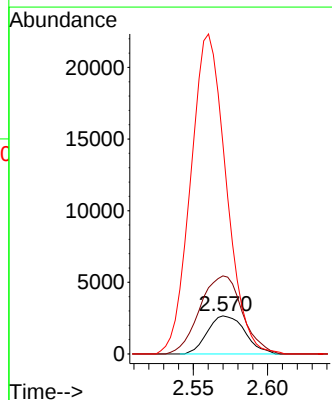
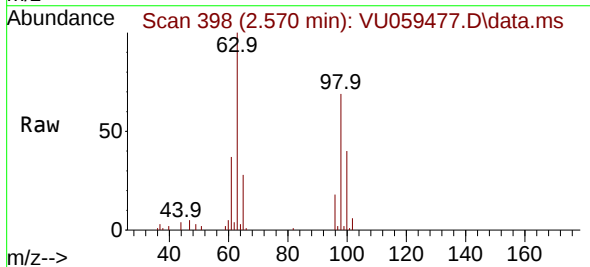
Instrument :
 MSVOA_U
 ClientSampleId :
 E1G86

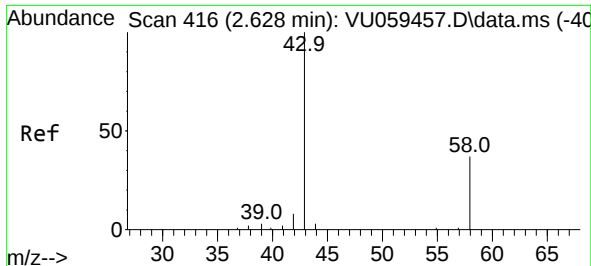
Tgt Ion: 62 Resp: 3944
 Ion Ratio Lower Upper
 62 100
 64 42.6 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.475 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU059477.D
 Acq: 25 Jun 2024 17:30

Tgt Ion: 96 Resp: 4651
 Ion Ratio Lower Upper
 96 100
 61 205.2 122.9 228.3
 63 551.6 80.4 149.4#





#13

Acetone

Concen: 5.138 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU059477.D

Acq: 25 Jun 2024 17:30

Instrument :

MSVOA_U

ClientSampleId :

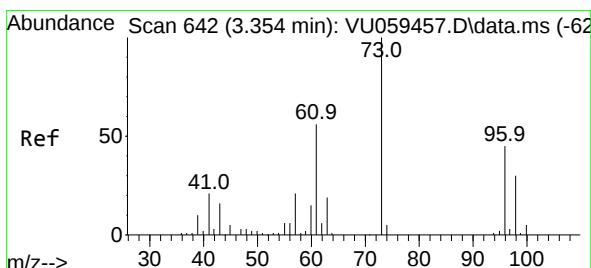
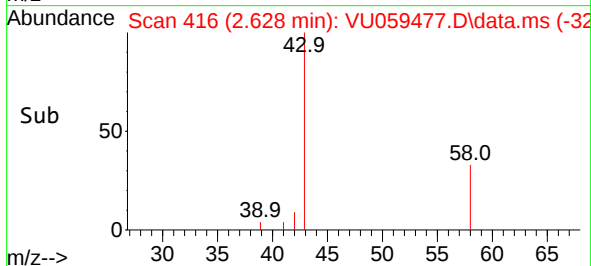
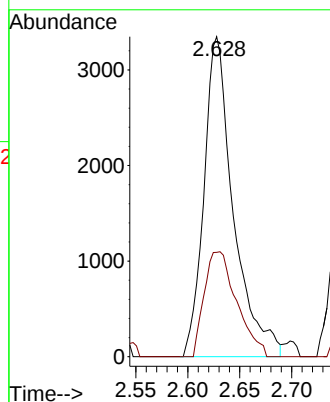
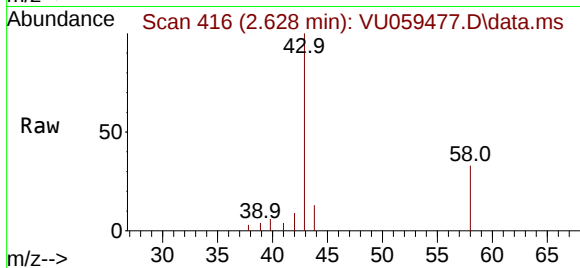
E1G86

Tgt Ion: 43 Resp: 6592

Ion Ratio Lower Upper

43 100

58 36.2 0.0 68.0



#17

Methyl tert-butyl Ether

Concen: 3.536 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU059477.D

Acq: 25 Jun 2024 17:30

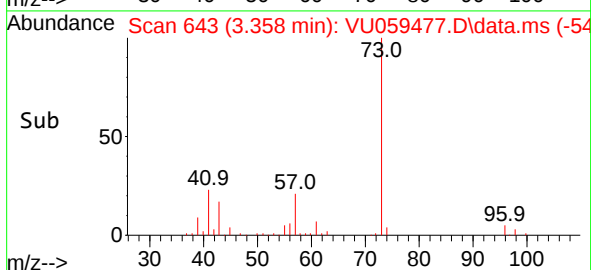
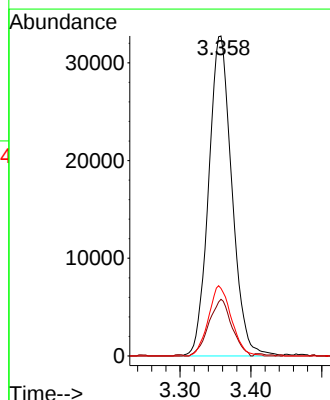
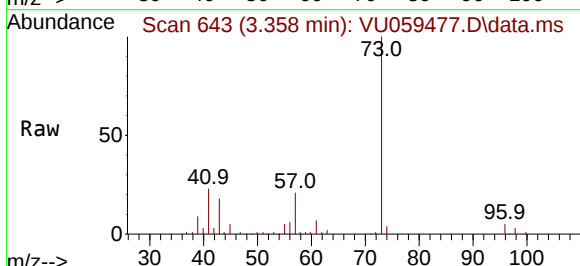
Tgt Ion: 73 Resp: 74609

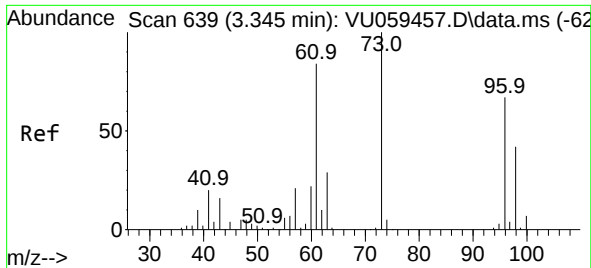
Ion Ratio Lower Upper

73 100

43 17.6 14.9 22.3

57 21.7 18.0 27.0

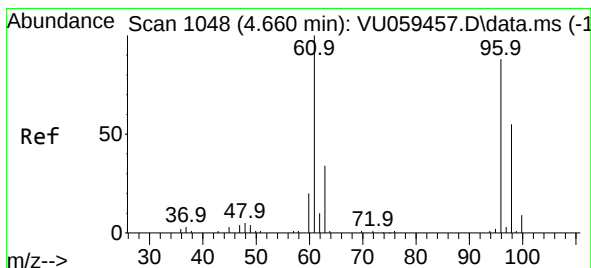
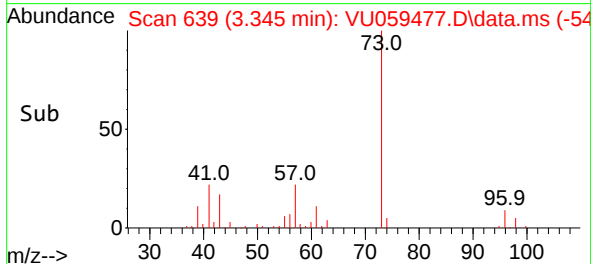
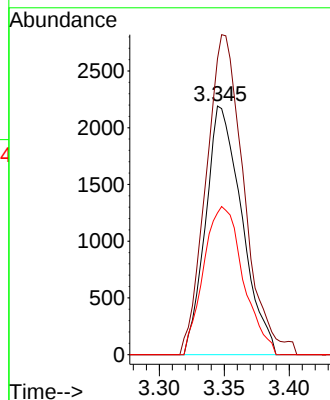
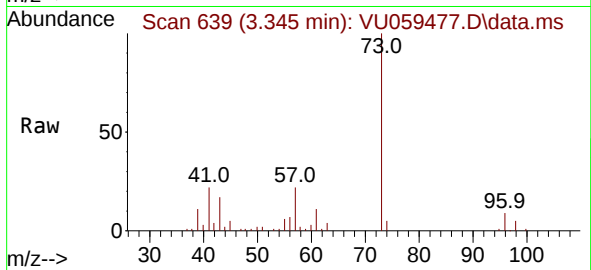




#18
trans-1,2-Dichloroethene
Concen: 0.416 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

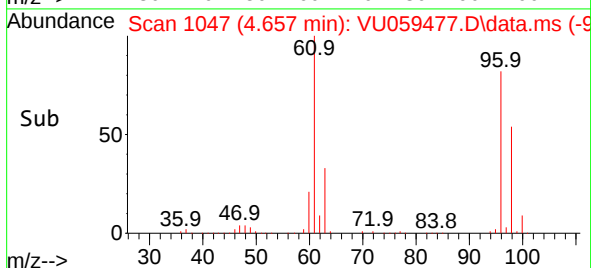
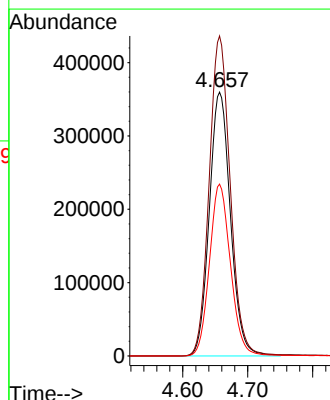
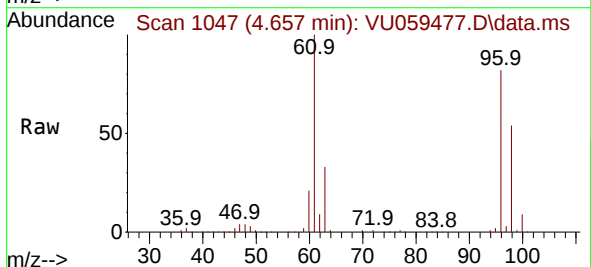
Instrument :
MSVOA_U
ClientSampleId :
E1G86

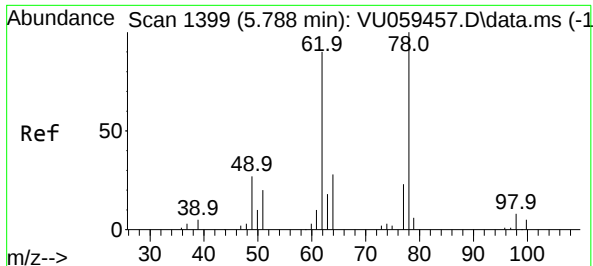
Tgt Ion: 96 Resp: 4236
Ion Ratio Lower Upper
96 100
61 119.0 101.8 189.0
98 57.0 43.3 80.5



#22
cis-1,2-Dichloroethene
Concen: 72.613 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

Tgt Ion: 96 Resp: 815109
Ion Ratio Lower Upper
96 100
61 121.3 87.4 162.2
98 65.1 42.3 78.5

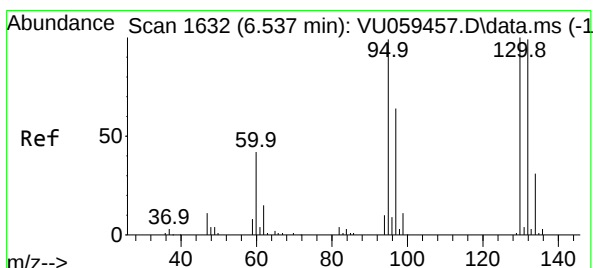
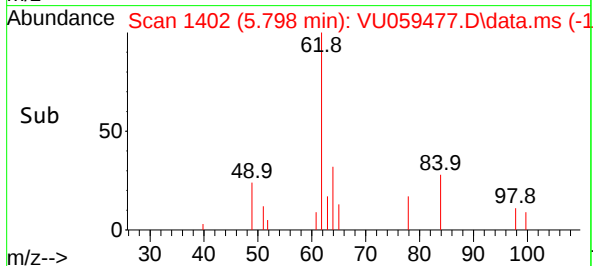
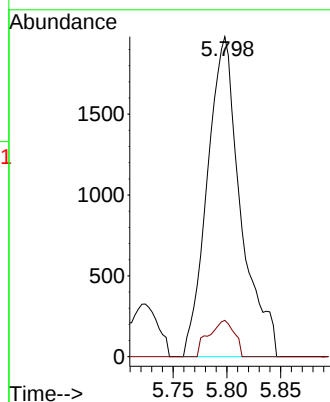
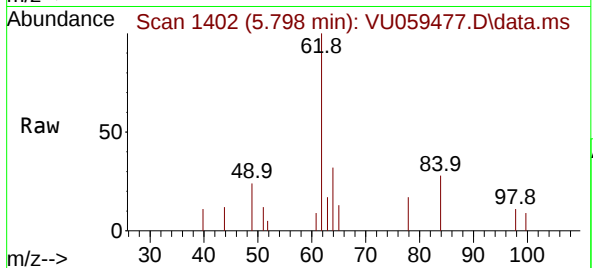




#27
1,2-Dichloroethane
Concen: 0.356 ug/L
RT: 5.798 min Scan# 14
Delta R.T. 0.010 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :
E1G86

Tgt Ion: 62 Resp: 4265
Ion Ratio Lower Upper
62 100
98 11.4 7.5 11.3#



#34
Trichloroethene
Concen: 11.011 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

Tgt Ion: 95 Resp: 129882
Ion Ratio Lower Upper
95 100
97 64.2 45.3 84.1
132 95.6 64.0 119.0
130 99.5 69.1 128.3

