

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 :

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)

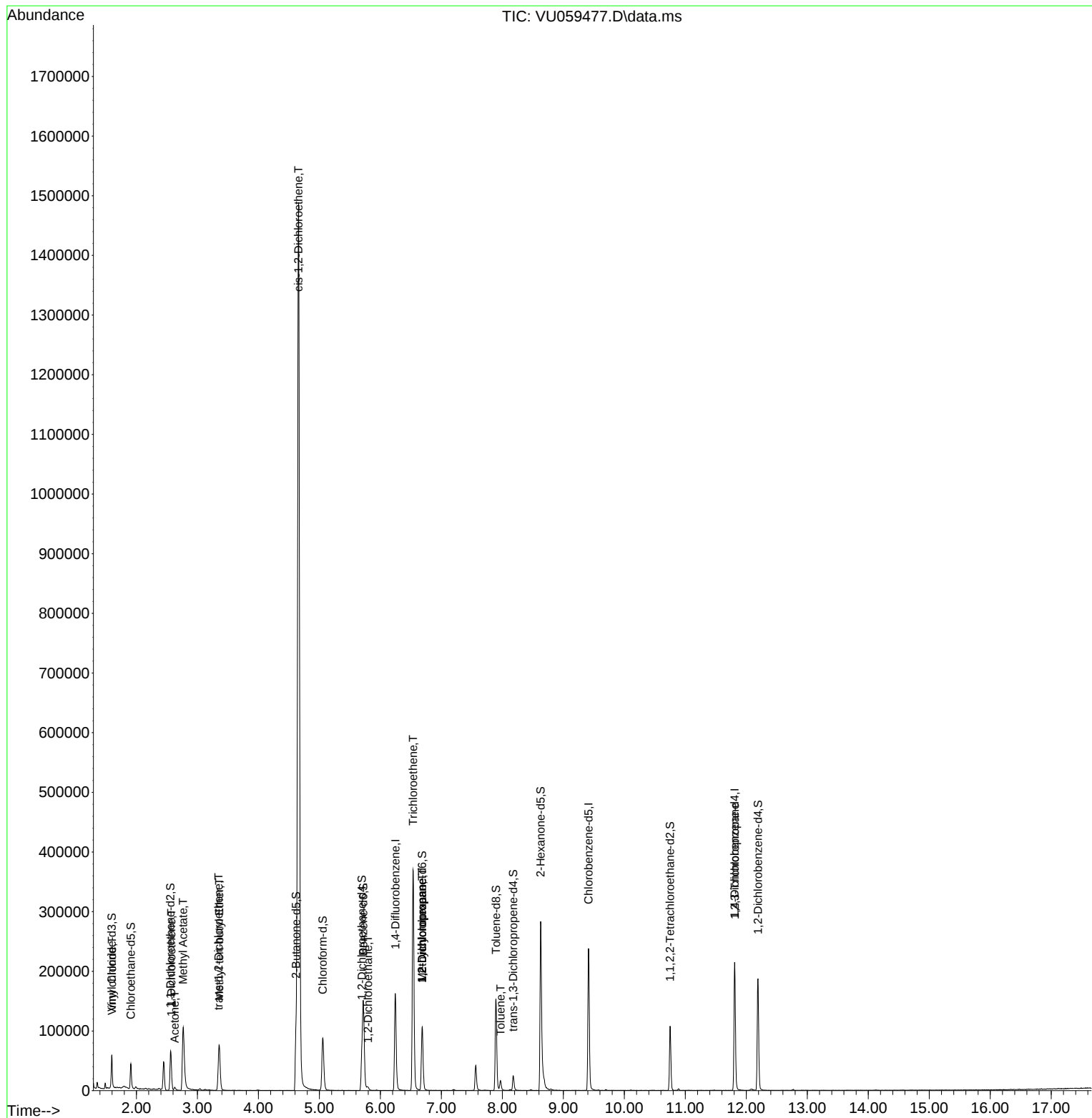
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28487	2.967	ug/L	0.00
Spiked Amount	5.000	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
15) Methyl Acetate	2.763	43	37324	11.025	ug/L #	51
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
35) Methylcyclohexane	6.685	83	12280	0.732	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5804	0.515	ug/L #	90
42) Toluene	7.968	91	12429	0.270	ug/L	100
61) 1,2,3-Trichloropropane	11.811	75	7135	1.228	ug/L #	70

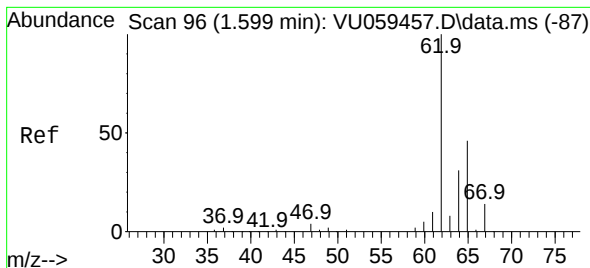
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

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





#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

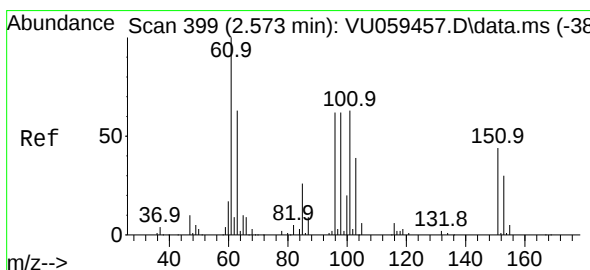
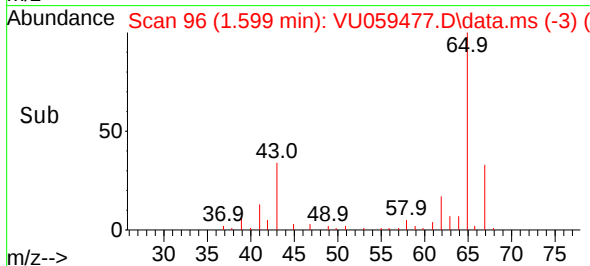
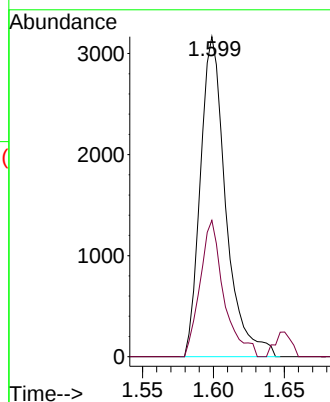
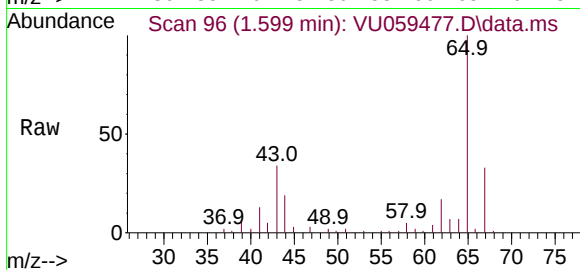
ClientSampleId :

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

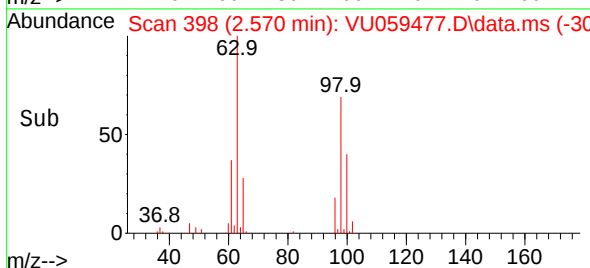
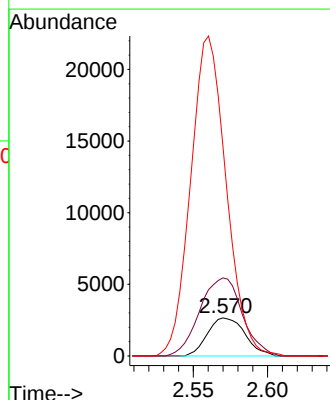
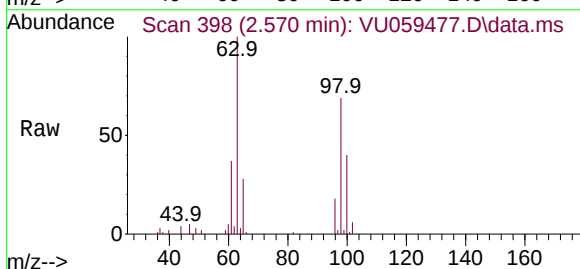
Tgt Ion: 96 Resp: 4651

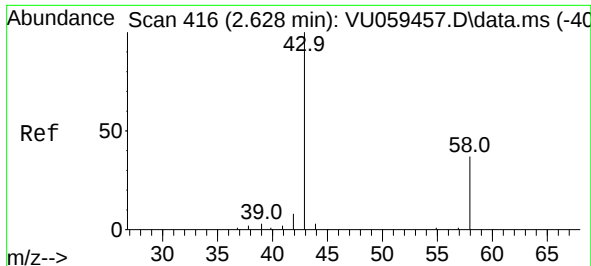
Ion Ratio Lower Upper

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

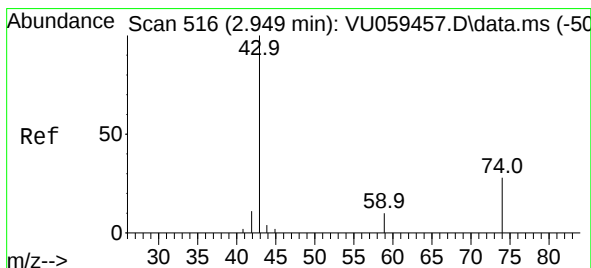
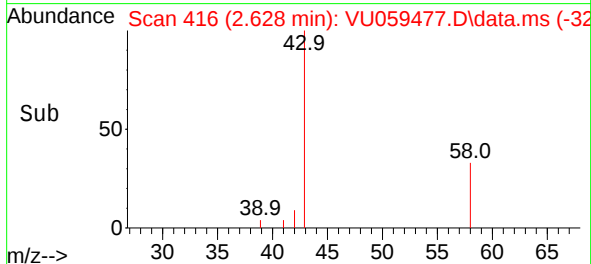
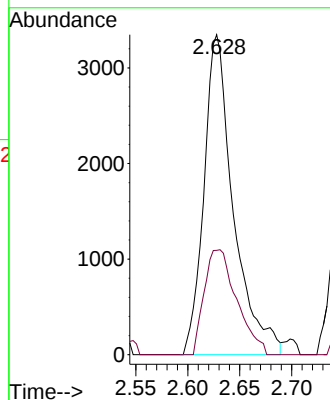
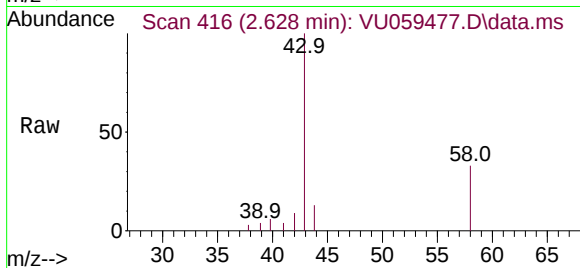
ClientSampleId :

Tgt Ion: 43 Resp: 6592

Ion Ratio Lower Upper

43 100

58 36.2 0.0 68.0



#15

Methyl Acetate

Concen: 11.025 ug/L

RT: 2.763 min Scan# 458

Delta R.T. -0.186 min

Lab File: VU059477.D

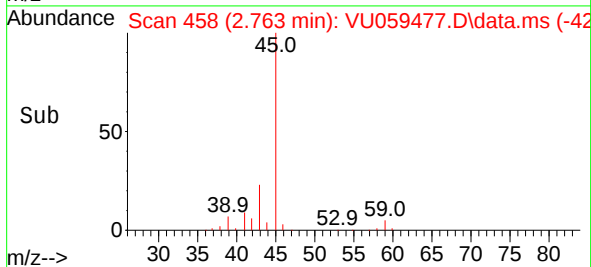
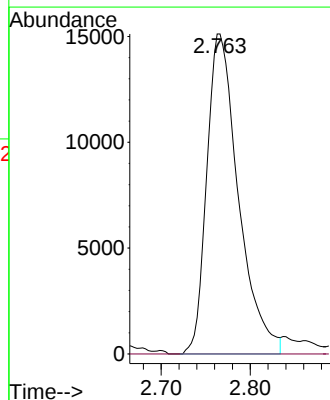
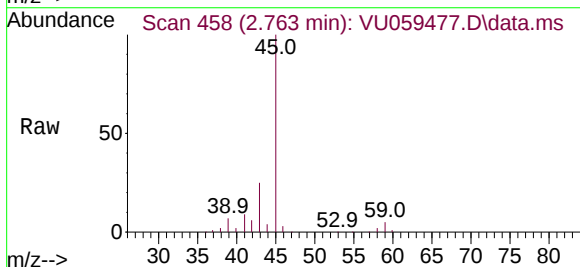
Acq: 25 Jun 2024 17:30

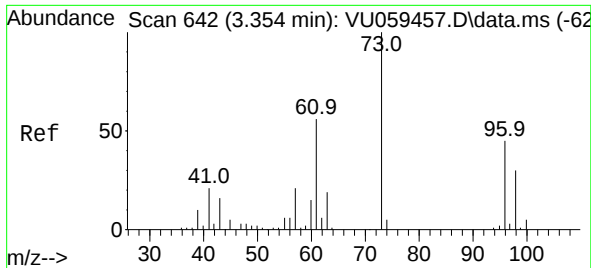
Tgt Ion: 43 Resp: 37324

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

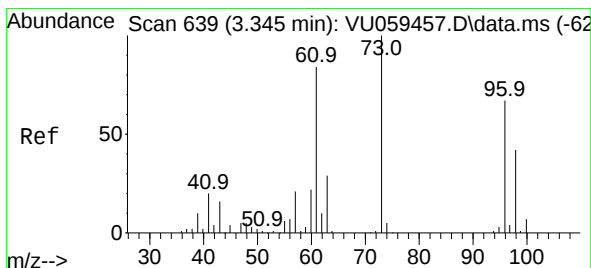
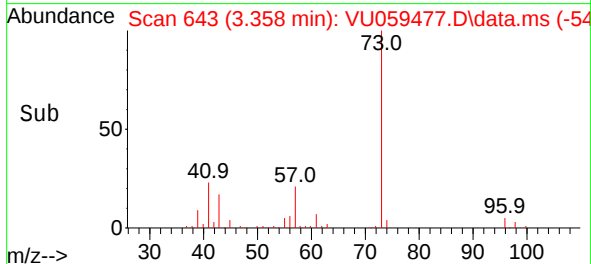
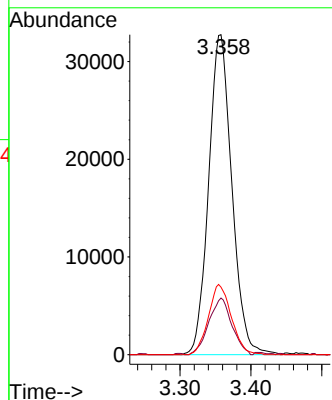
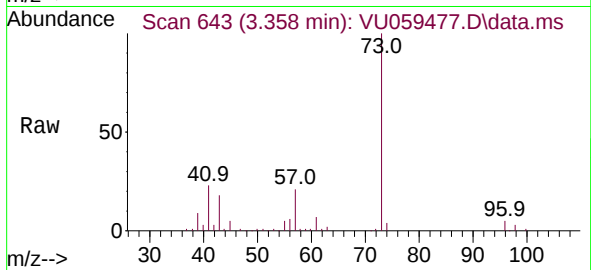




#17
Methyl tert-butyl Ether
Concen: 3.536 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

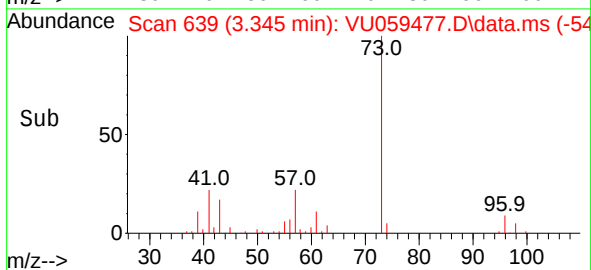
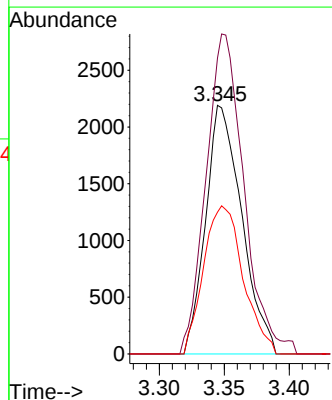
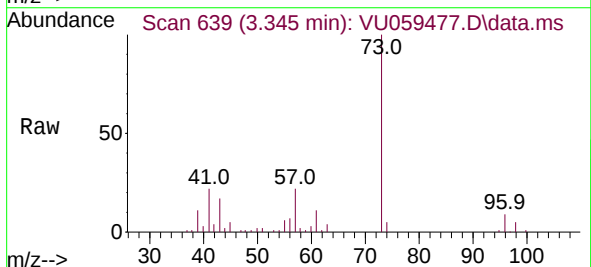
Instrument :
MSVOA_U
ClientSampleId :

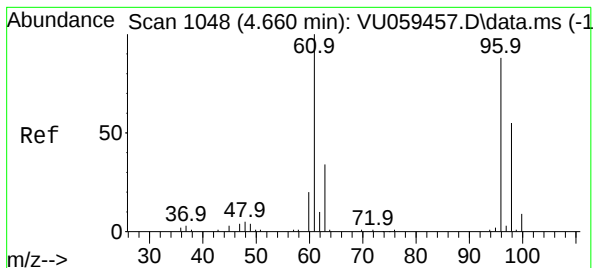
Tgt Ion: 73 Resp: 74609
Ion Ratio Lower Upper
73 100
43 17.6 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 0.416 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

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# 1

Delta R.T. -0.003 min

Lab File: VU059477.D

Acq: 25 Jun 2024 17:30

Instrument :

MSVOA_U

ClientSampleId :

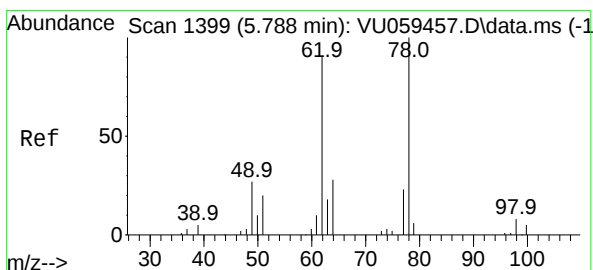
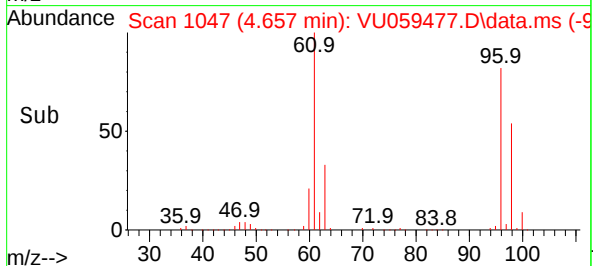
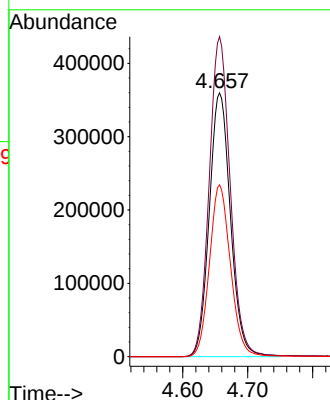
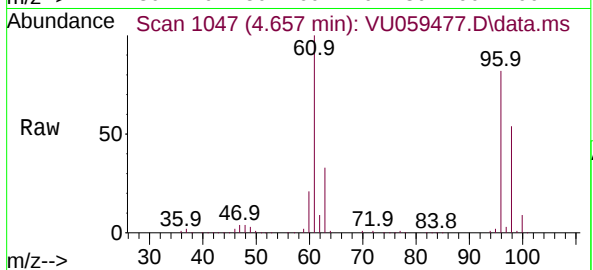
Tgt Ion: 96 Resp: 815109

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# 1402

Delta R.T. 0.010 min

Lab File: VU059477.D

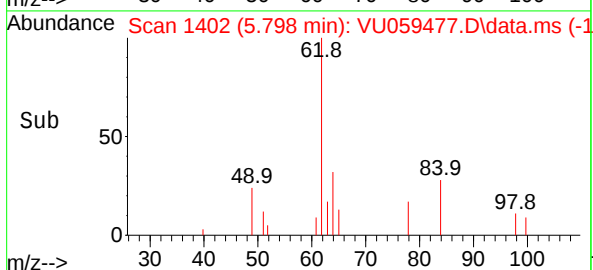
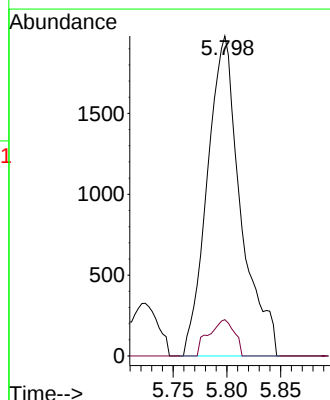
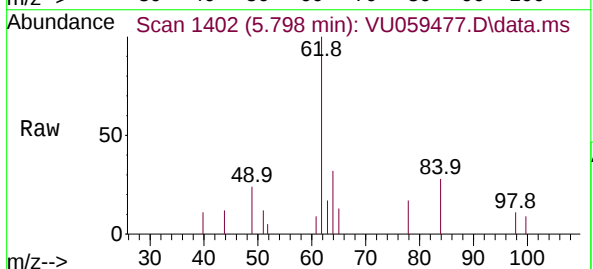
Acq: 25 Jun 2024 17:30

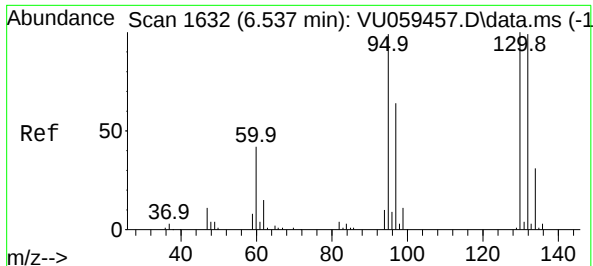
Tgt Ion: 62 Resp: 4265

Ion Ratio Lower Upper

62 100

98 11.4 7.5 11.3#

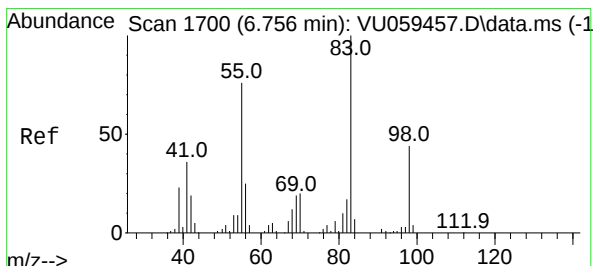
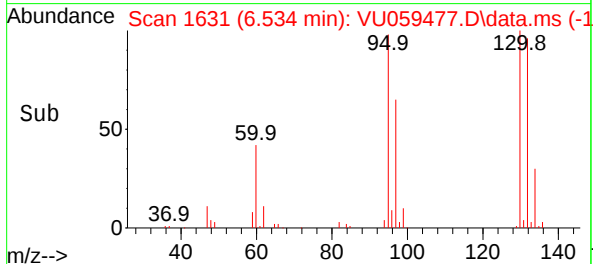
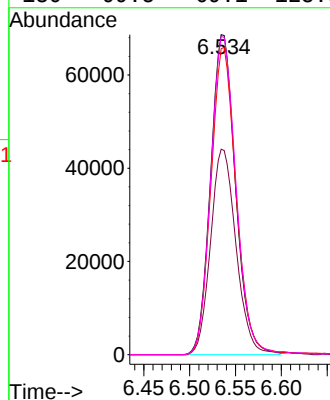
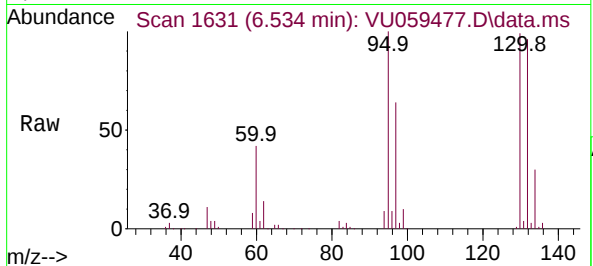




#34
Trichloroethene
Concen: 11.011 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

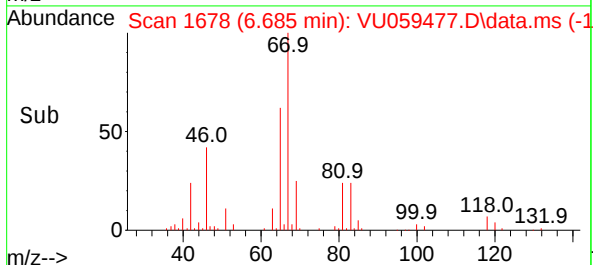
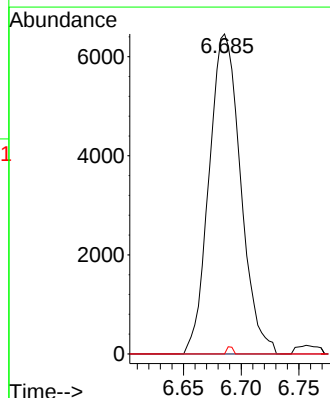
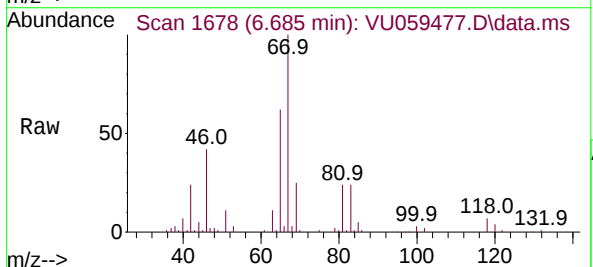
Instrument :
MSVOA_U
ClientSampleId :

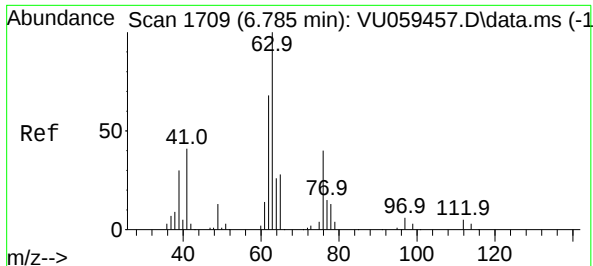
Tgt Ion: 95 Resp: 129882
Ion Ratio Lower Upper
95 100
97 64.2 45.3 84.1
132 95.6 64.0 119.0
130 99.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

Tgt Ion: 83 Resp: 12280
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 35.4 53.0#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU059477.D

Acq: 25 Jun 2024 17:30

Instrument :

MSVOA_U

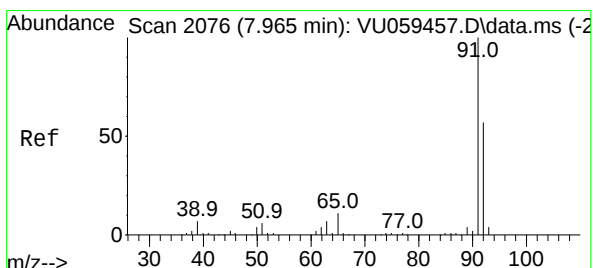
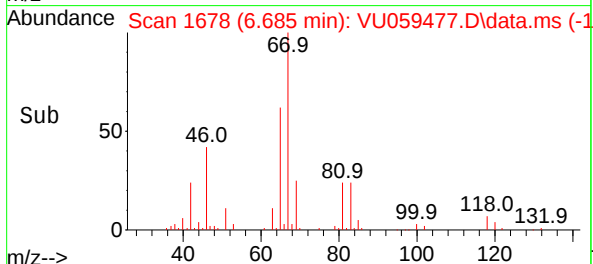
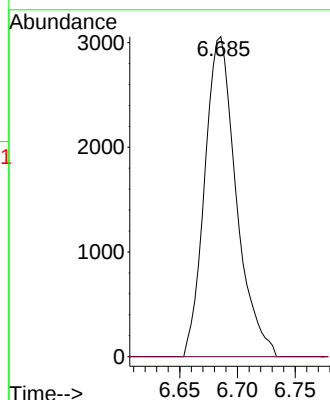
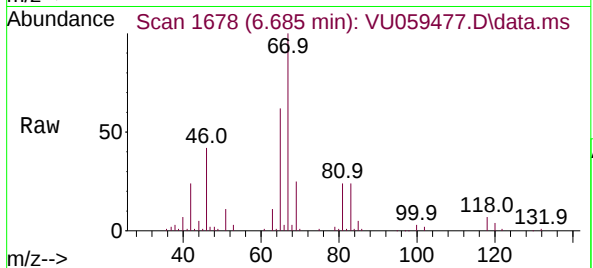
ClientSampleId :

Tgt Ion: 63 Resp: 5804

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#42

Toluene

Concen: 0.270 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU059477.D

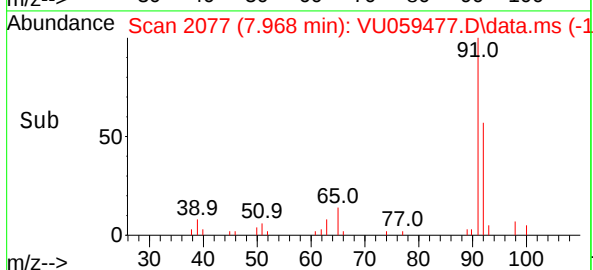
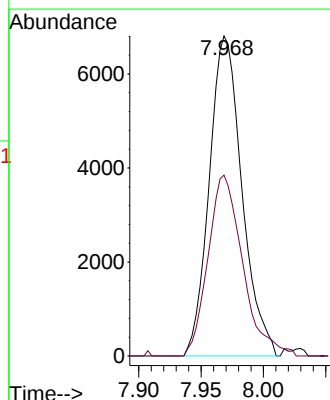
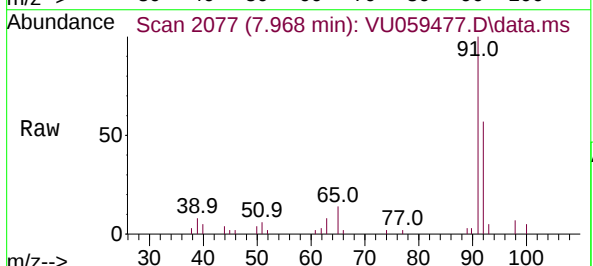
Acq: 25 Jun 2024 17:30

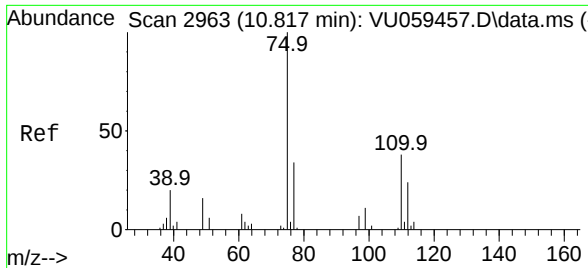
Tgt Ion: 91 Resp: 12429

Ion Ratio Lower Upper

91 100

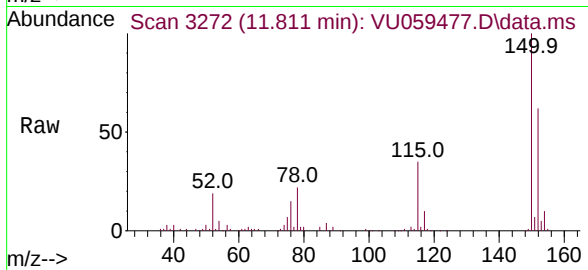
92 56.5 39.7 73.7





#61
1,2,3-Trichloropropane
Concen: 1.228 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU059477.D
Acq: 25 Jun 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.8	27.1	40.7#
77	33.1	25.4	38.2

