

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059629.D
 Acq On : 28 Jun 2024 18:41
 Operator : MD/SY
 Sample : P3059-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:59:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

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

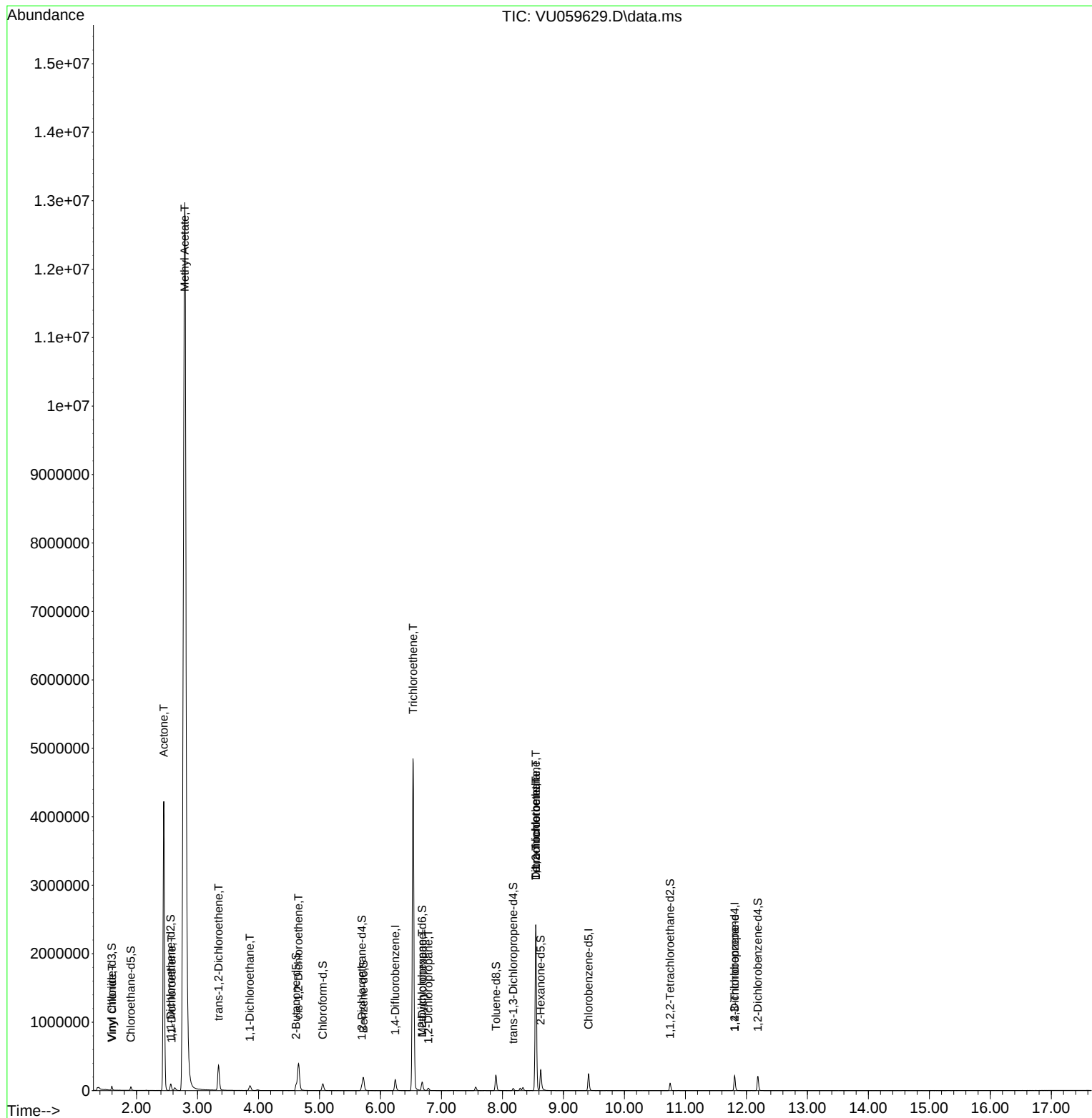
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64106	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39028	4.111	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.907	69	40056	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.560	65	16794	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.618	46	126126	64.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.000%
24) Chloroform-d	5.055	84	94528	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	48212	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	191851	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	61588	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.894	98	161581	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	19367	5.105	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.627	63	107861	68.426	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.860%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55181	5.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	61162	5.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
5) Vinyl chloride	1.599	62	5089	0.370	ug/L #	72
12) 1,1-Dichloroethene	2.576	96	5101	0.527	ug/L #	1
13) Acetone	2.448	43	2634593	2076.964	ug/L	42
15) Methyl Acetate	2.792	43	5290215	1580.390	ug/L #	51
18) trans-1,2-Dichloroethene	3.345	96	161734	16.061	ug/L	90
19) 1,1-Dichloroethane	3.859	63	82473	4.441	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	213816	19.264	ug/L	94
34) Trichloroethene	6.534	95	1654171	140.007	ug/L	99
35) Methylcyclohexane	6.685	83	14635	0.871	ug/L #	27
37) 1,2-Dichloropropane	6.785	63	13392	1.186	ug/L #	97
45) 1,1,2-Trichloroethane	8.547	97	4061	0.488	ug/L #	1
47) Tetrachloroethene	8.547	164	546668	59.627	ug/L	96
49) Dibromochloromethane	8.547	129	506806	54.992	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	6952	1.174	ug/L #	70

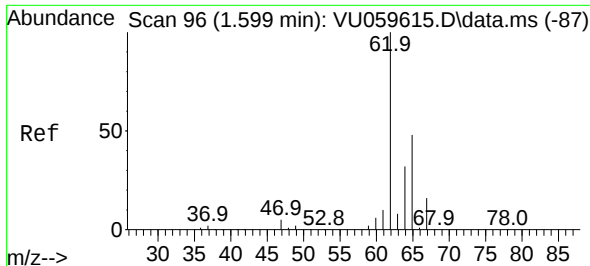
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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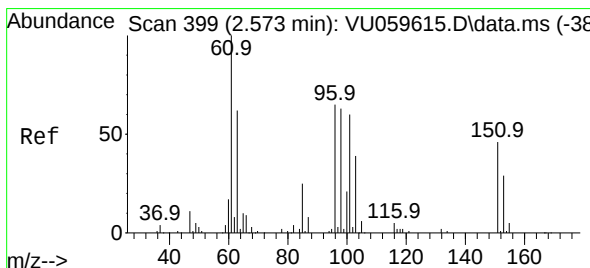
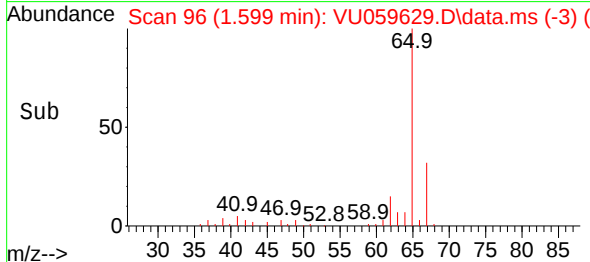
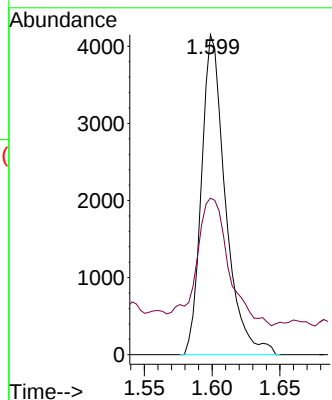
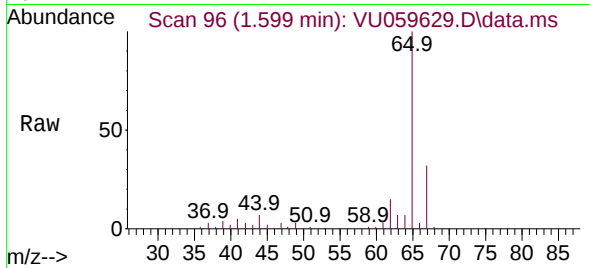




#5
 Vinyl chloride
 Concen: 0.370 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059629.D
 Acq: 28 Jun 2024 18:41

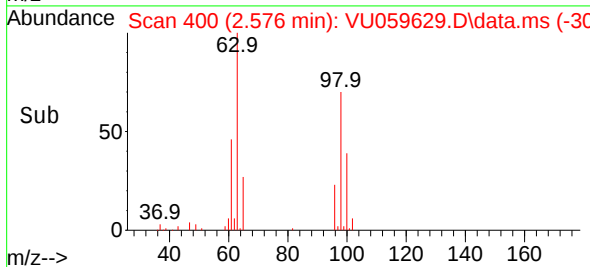
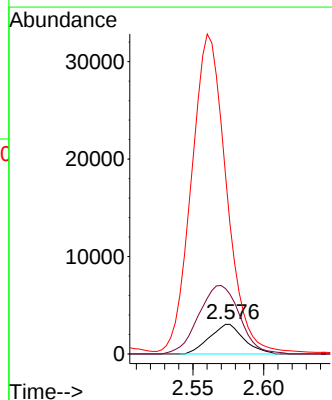
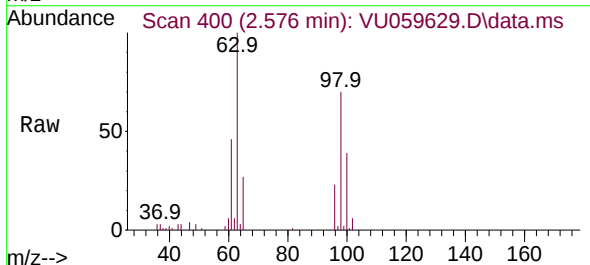
Instrument :
 MSVOA_U
 ClientSampleId :

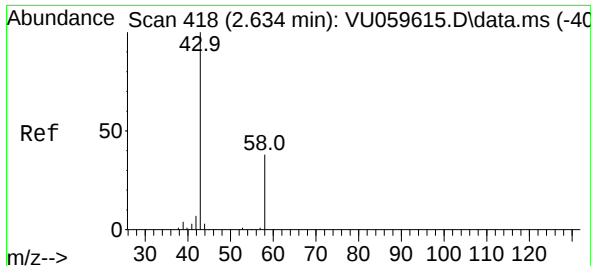
Tgt Ion: 62 Resp: 5089
 Ion Ratio Lower Upper
 62 100
 64 48.9 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.527 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU059629.D
 Acq: 28 Jun 2024 18:41

Tgt Ion: 96 Resp: 5101
 Ion Ratio Lower Upper
 96 100
 61 201.1 122.9 228.3
 63 438.7 80.4 149.4#

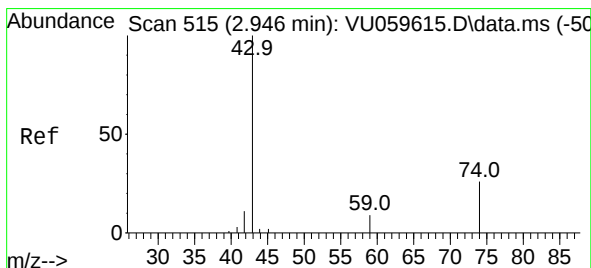
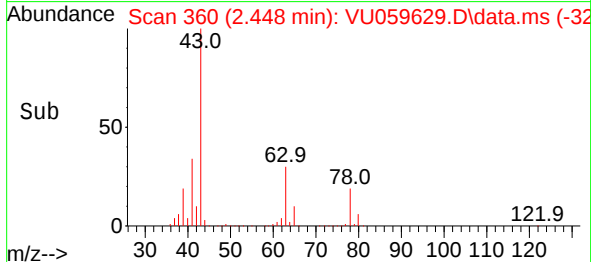
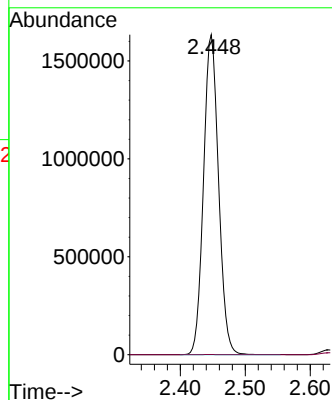
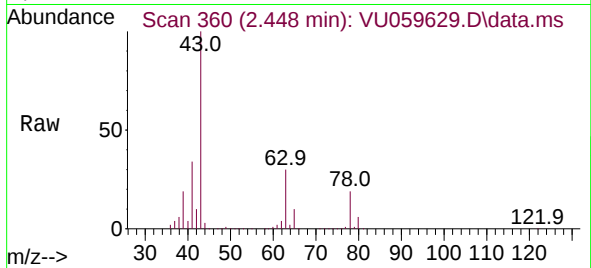




#13
Acetone
Concen: 2076.964 ug/L
RT: 2.448 min Scan# 30
Delta R.T. -0.186 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

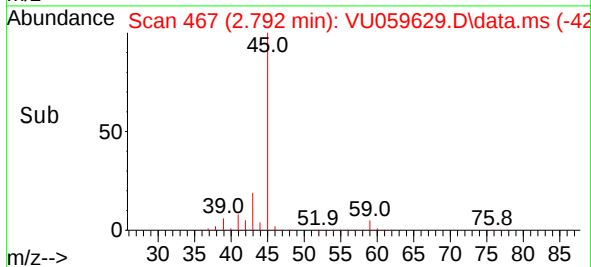
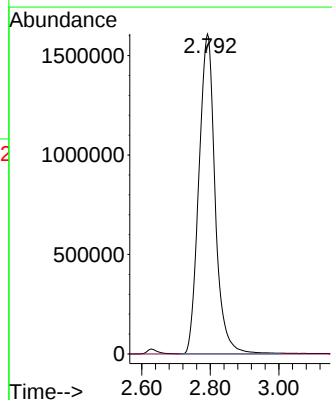
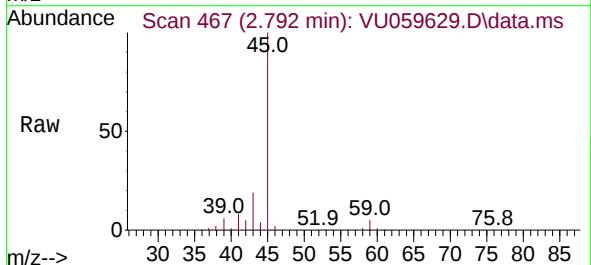
Instrument :
MSVOA_U
ClientSampleId :

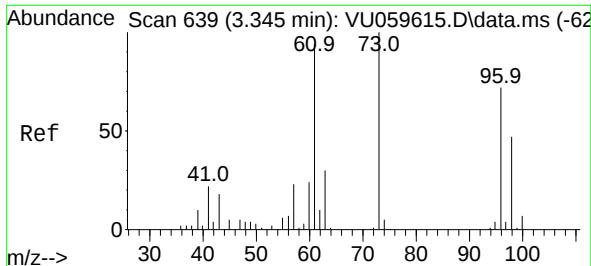
Tgt Ion: 43 Resp: 2634593
Ion Ratio Lower Upper
43 100
58 0.8 0.0 68.0



#15
Methyl Acetate
Concen: 1580.390 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.154 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

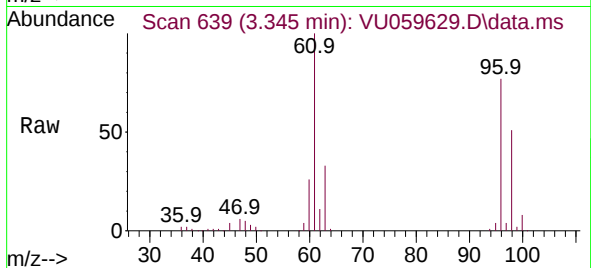
Tgt Ion: 43 Resp: 5290215
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





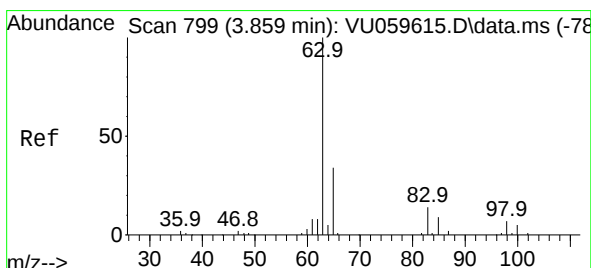
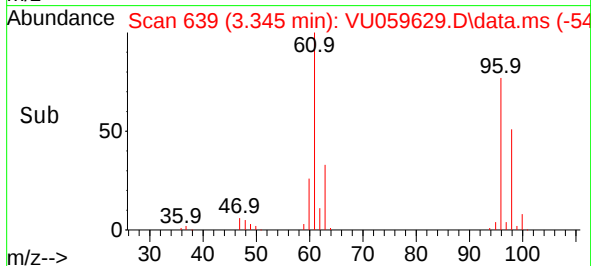
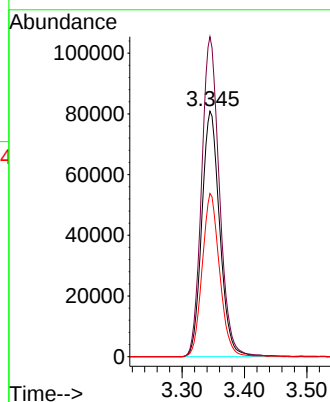
#18
trans-1,2-Dichloroethene
Concen: 16.061 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 161734

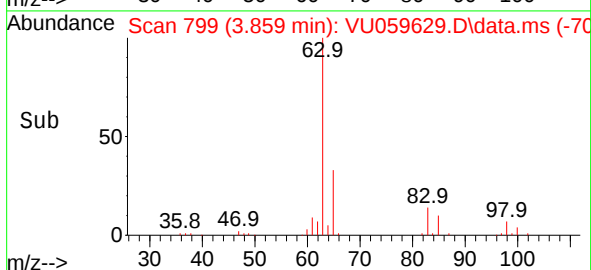
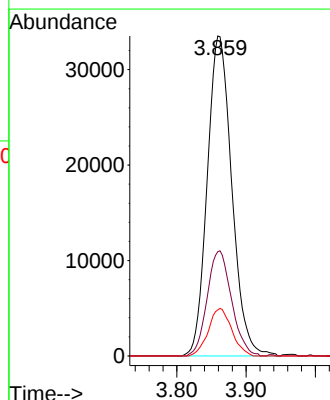
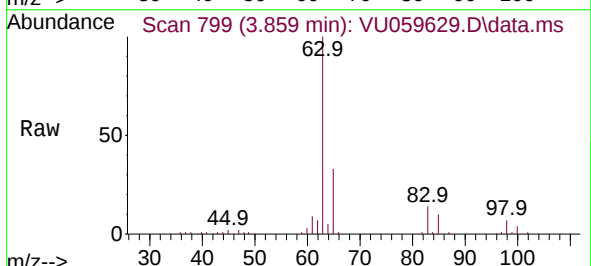
Ion	Ratio	Lower	Upper
96	100		
61	130.4	101.8	189.0
98	66.5	43.3	80.5

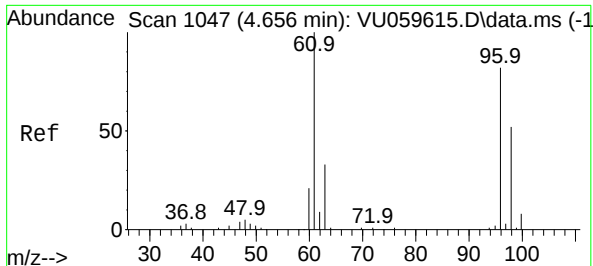


#19
1,1-Dichloroethane
Concen: 4.441 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Tgt Ion: 63 Resp: 82473

Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.8	40.6
83	14.4	9.9	18.5

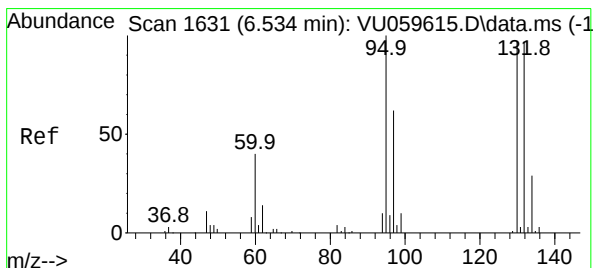
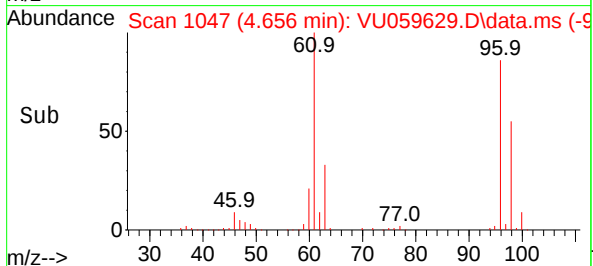
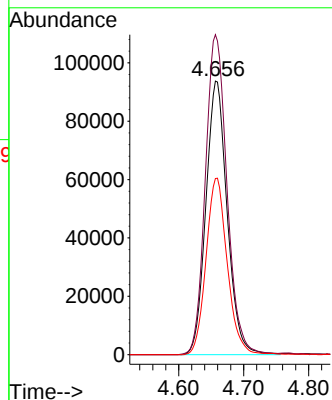
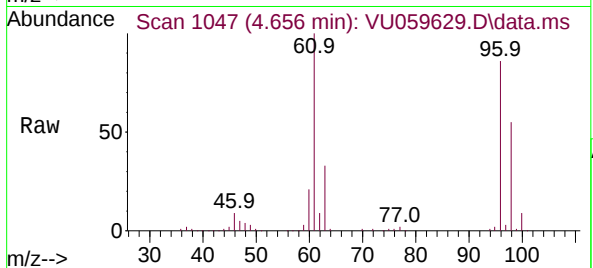




#22
cis-1,2-Dichloroethene
Concen: 19.264 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

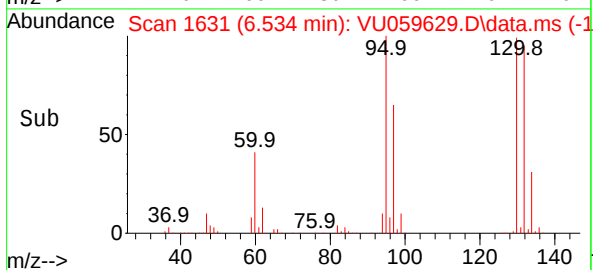
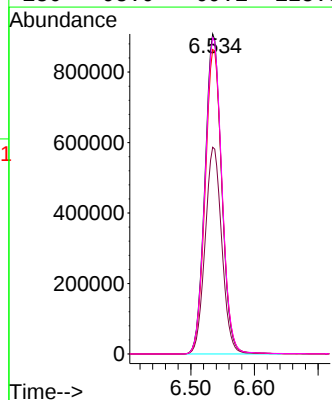
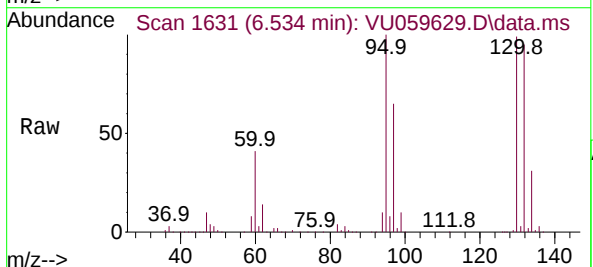
Instrument :
MSVOA_U
ClientSampleId :

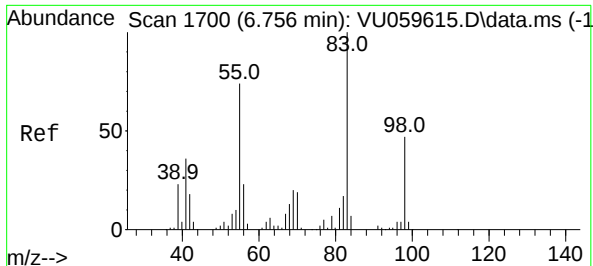
Tgt Ion: 96 Resp: 213816
Ion Ratio Lower Upper
96 100
61 116.9 87.4 162.2
98 64.4 42.3 78.5



#34
Trichloroethene
Concen: 140.007 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Tgt Ion: 95 Resp: 1654171
Ion Ratio Lower Upper
95 100
97 64.6 45.3 84.1
132 95.2 64.0 119.0
130 98.9 69.1 128.3

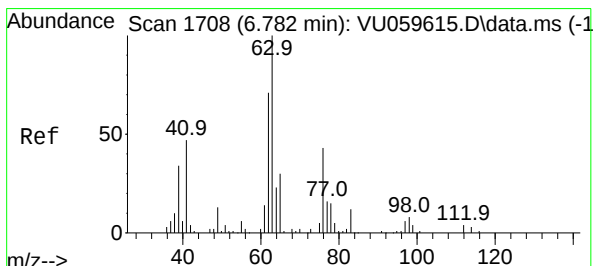
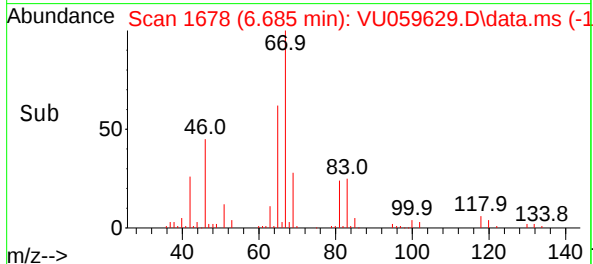
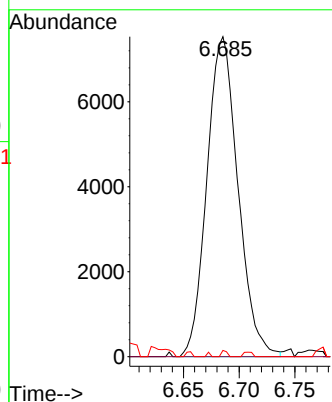
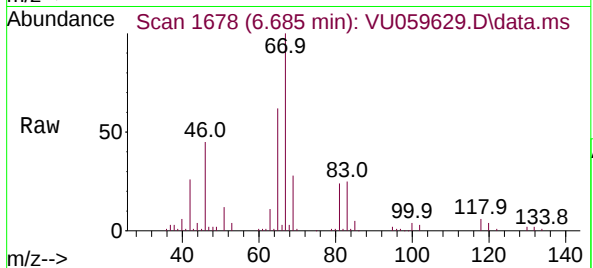




#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

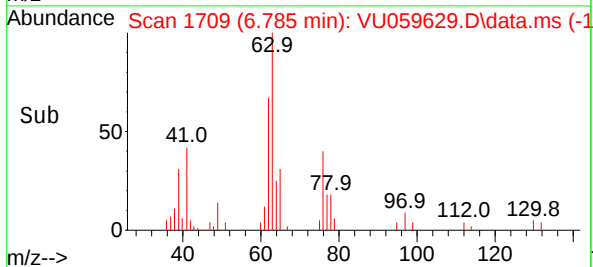
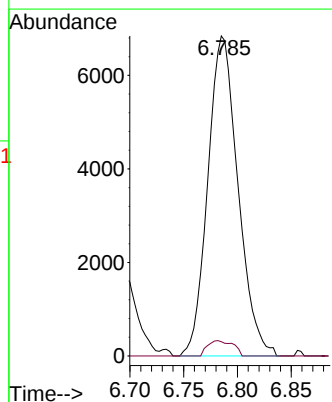
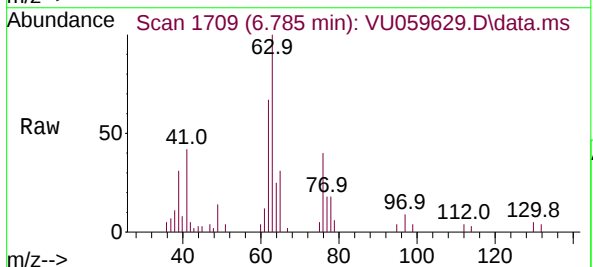
Instrument :
MSVOA_U
ClientSampleId :

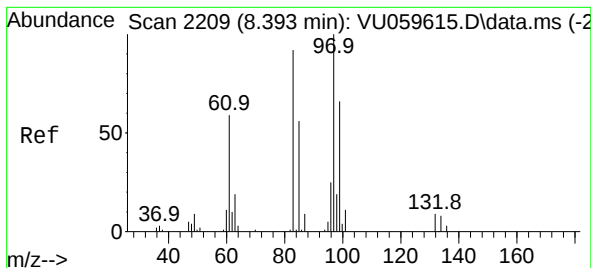
Tgt Ion: 83 Resp: 14635
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 16.8 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 1.186 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Tgt Ion: 63 Resp: 13392
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#





#45

1,1,2-Trichloroethane

Concen: 0.488 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU059629.D

Acq: 28 Jun 2024 18:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 4061

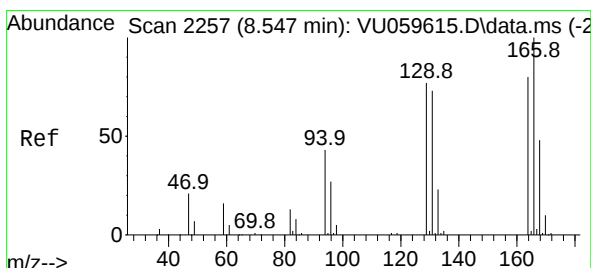
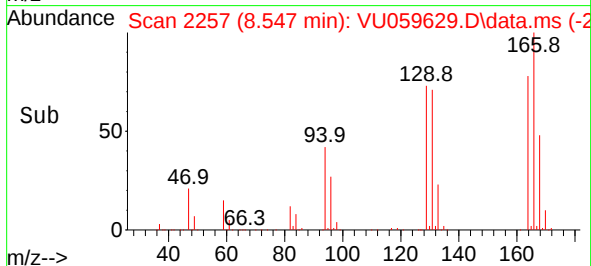
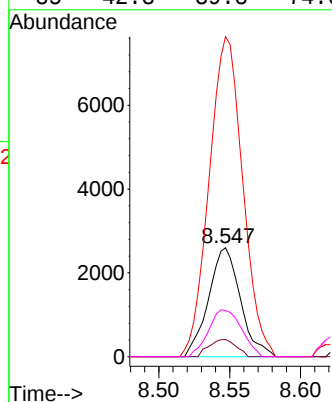
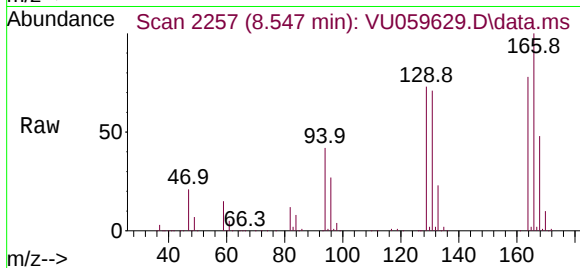
Ion Ratio Lower Upper

97 100

99 15.7 43.3 80.3#

83 293.7 62.3 115.7#

85 42.3 39.8 74.0



#47

Tetrachloroethene

Concen: 59.627 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059629.D

Acq: 28 Jun 2024 18:41

Tgt Ion:164 Resp: 546668

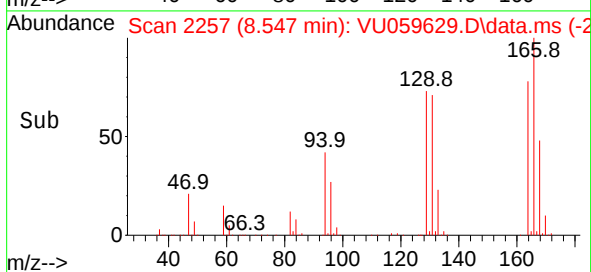
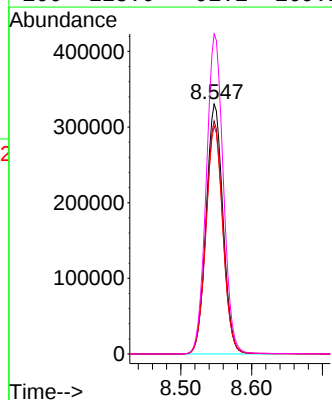
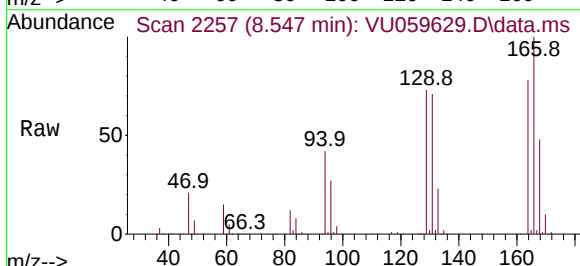
Ion Ratio Lower Upper

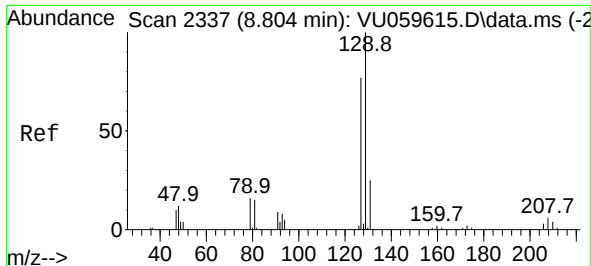
164 100

129 93.2 70.8 131.4

131 91.2 64.8 120.3

166 128.0 91.1 169.1





#49

Dibromochloromethane

Concen: 54.992 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059629.D

Acq: 28 Jun 2024 18:41

Instrument :

MSVOA_U

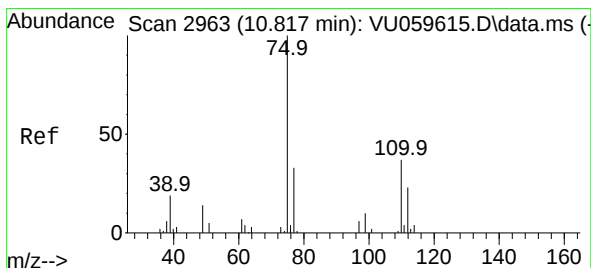
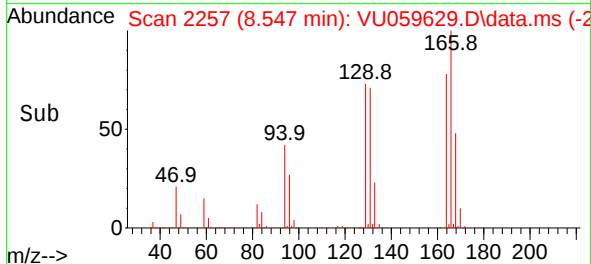
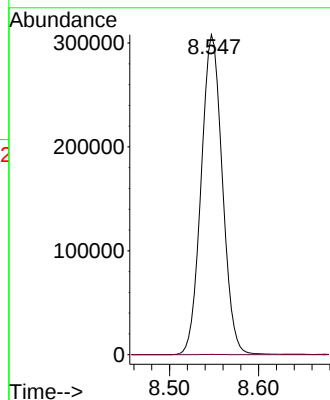
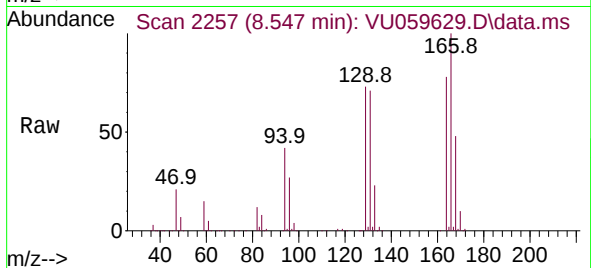
ClientSampleId :

Tgt Ion:129 Resp: 506806

Ion Ratio Lower Upper

129 100

127 0.1 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.174 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059629.D

Acq: 28 Jun 2024 18:41

Tgt Ion: 75 Resp: 6952

Ion Ratio Lower Upper

75 100

110 1.0 27.1 40.7#

77 31.0 25.4 38.2

