

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059277.D
 Acq On : 17 Jun 2024 13:59
 Operator : MD/SY
 Sample : P2895-01 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 14:34:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

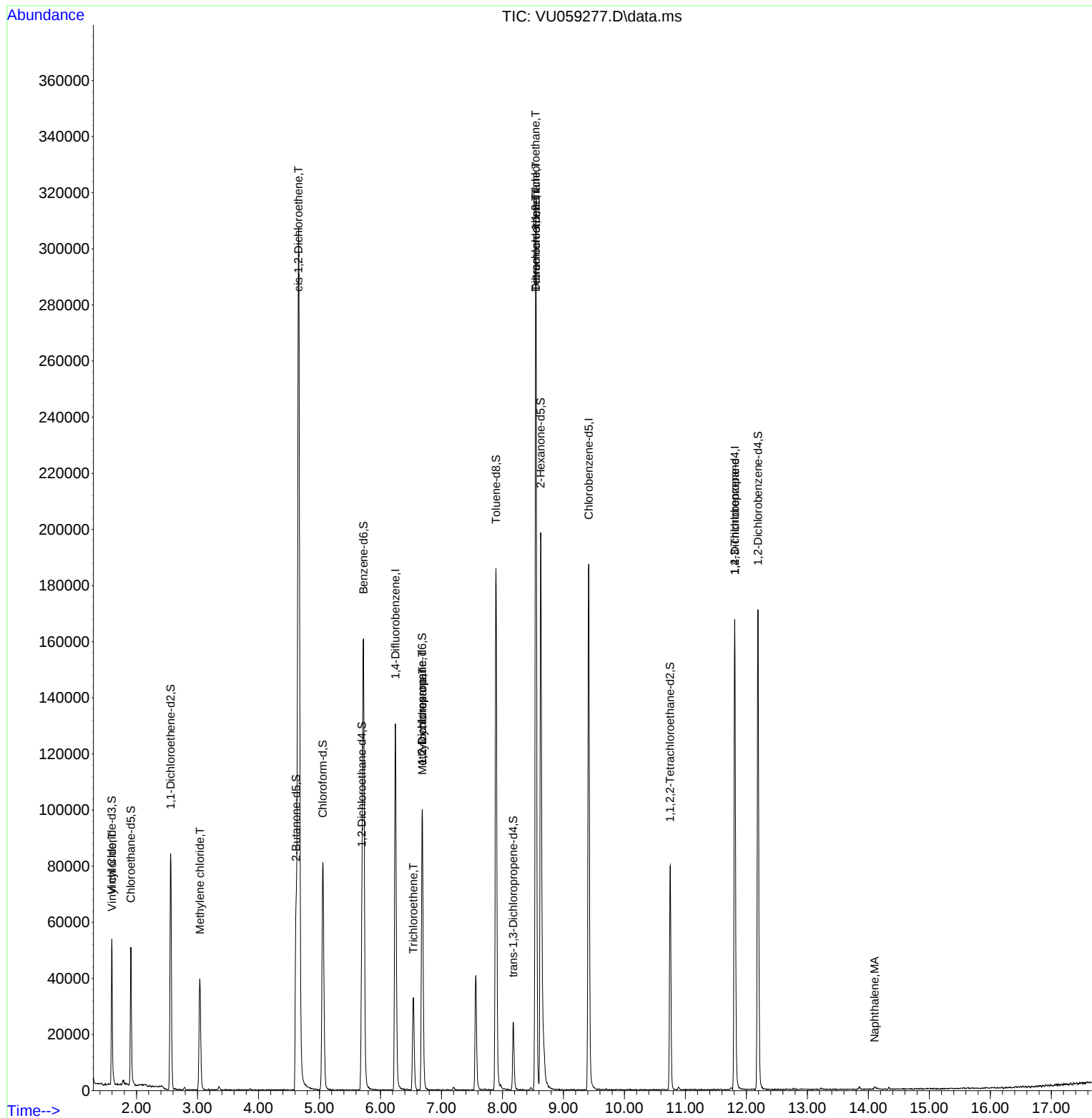
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	108567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	109939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	48767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37906	5.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.907	69	38675	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.560	65	15663	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.615	46	91489	58.834	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.660%
24) Chloroform-d	5.055	84	77044	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	40544	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.721	84	158023	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.685	67	49458	5.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.894	98	131240	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	14632	5.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.627	63	69862	57.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41938	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	48644	5.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2379	0.218	ug/L #	77
16) Methylene chloride	3.039	84	20618	2.260	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	167423	18.968	ug/L	97
34) Trichloroethene	6.541	95	11733	1.298	ug/L	94
35) Methylcyclohexane	6.688	83	11687	0.908	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4813	0.557	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	656	0.103	ug/L #	30
47) Tetrachloroethene	8.550	164	72767	10.372	ug/L	96
49) Dibromochloromethane	8.547	129	68768	9.751	ug/L #	12
61) 1,2,3-Trichloropropane	11.810	75	5941	1.318	ug/L #	69
71) Naphthalene	14.103	128	1807	0.145	ug/L #	77

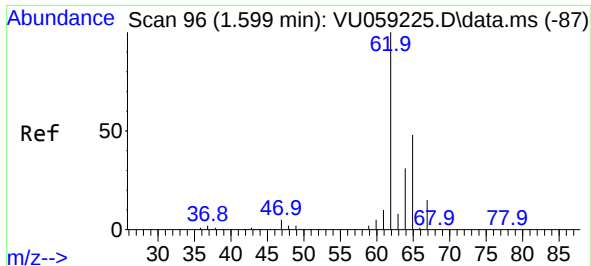
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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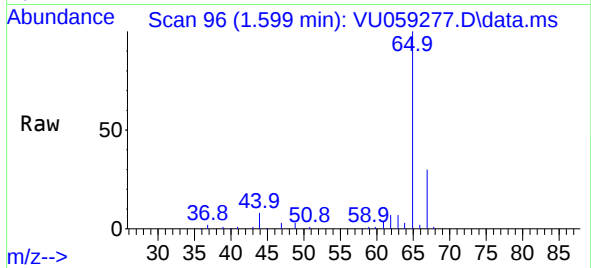
Quant Time: Jun 17 14:34:47 2024
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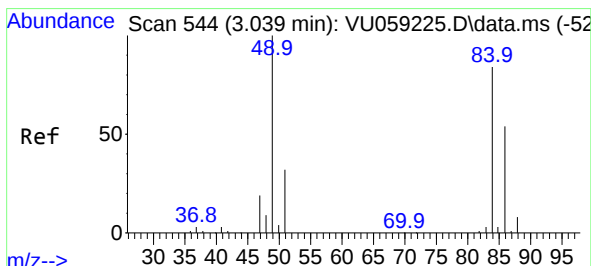
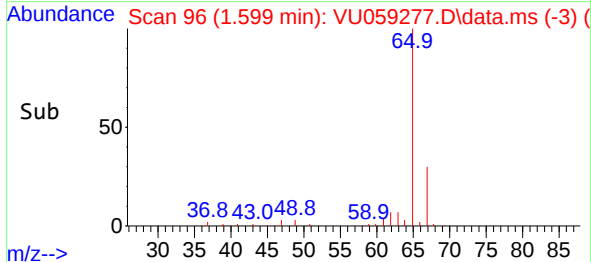
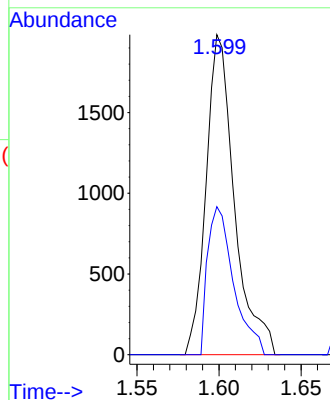


#5
 Vinyl chloride
 Concen: 0.218 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059277.D
 Acq: 17 Jun 2024 13:59

Instrument :
 MSVOA_U
 ClientSampleId :

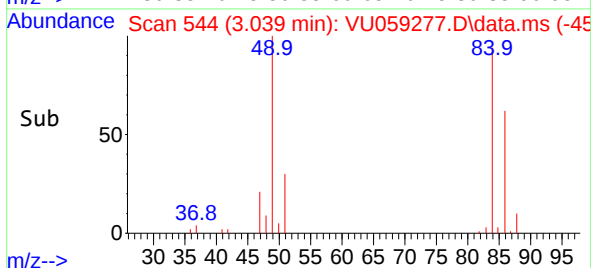
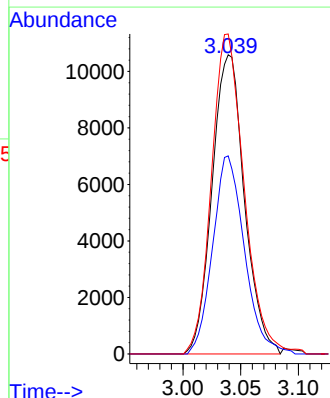
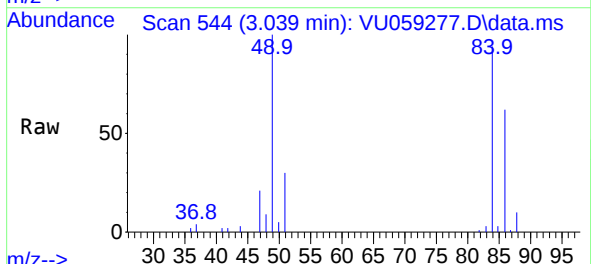


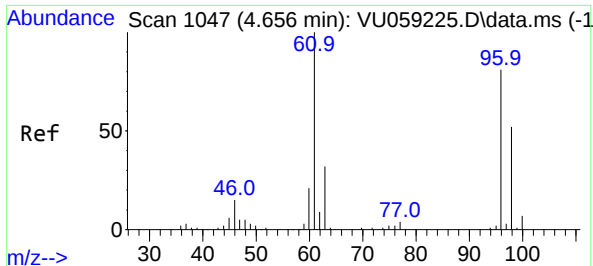
Tgt Ion: 62 Resp: 2379
 Ion Ratio Lower Upper
 62 100
 64 46.3 23.1 42.9#



#16
 Methylene chloride
 Concen: 2.260 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.000 min
 Lab File: VU059277.D
 Acq: 17 Jun 2024 13:59

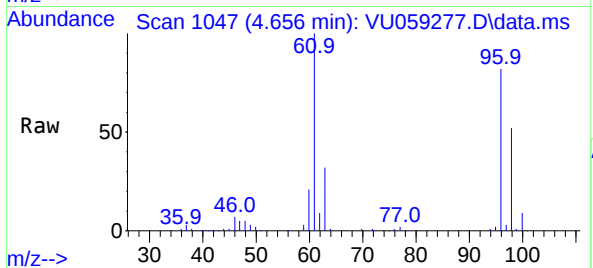
Tgt Ion: 84 Resp: 20618
 Ion Ratio Lower Upper
 84 100
 86 66.2 42.1 78.1
 49 106.9 80.6 149.8





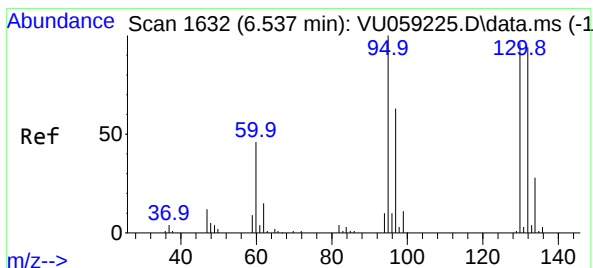
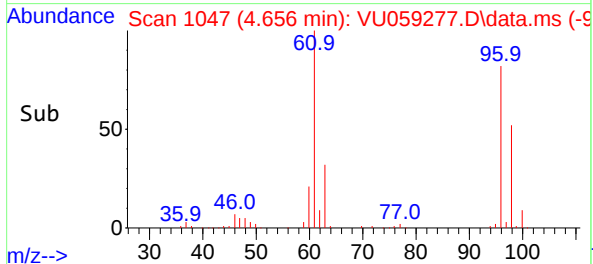
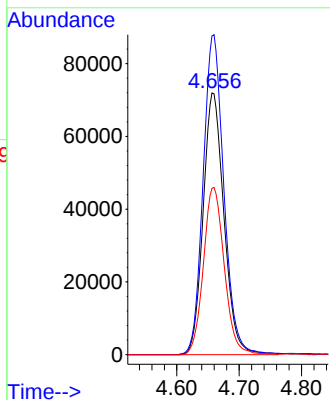
#22
 cis-1,2-Dichloroethene
 Concen: 18.968 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU059277.D
 Acq: 17 Jun 2024 13:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 167423

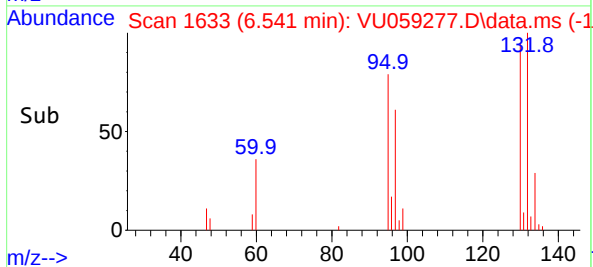
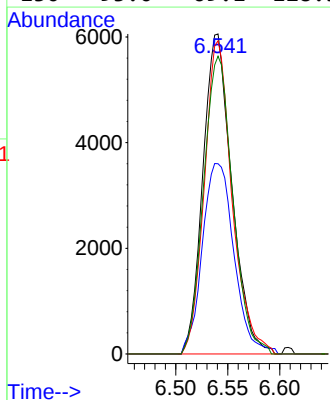
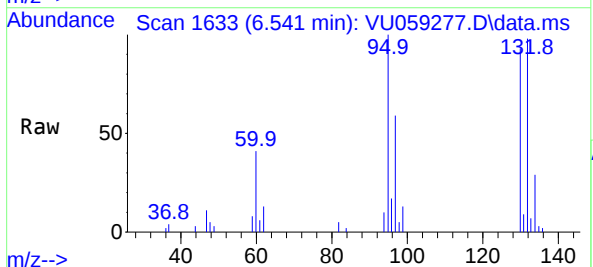
Ion	Ratio	Lower	Upper
96	100		
61	121.8	87.4	162.2
98	63.6	42.3	78.5

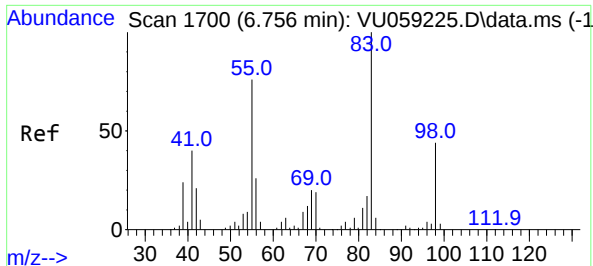


#34
 Trichloroethene
 Concen: 1.298 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU059277.D
 Acq: 17 Jun 2024 13:59

Tgt Ion: 95 Resp: 11733

Ion	Ratio	Lower	Upper
95	100		
97	59.4	45.3	84.1
132	97.9	64.0	119.0
130	93.0	69.1	128.3





#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU059277.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

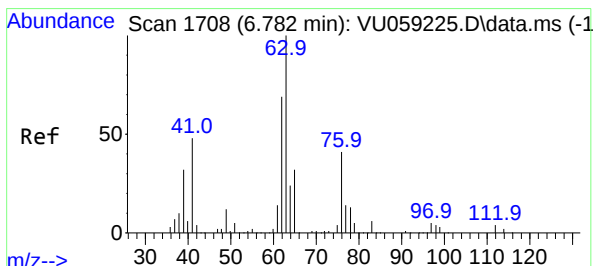
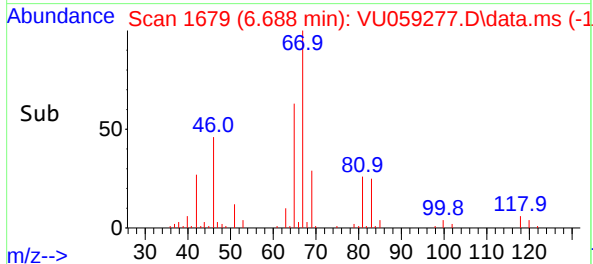
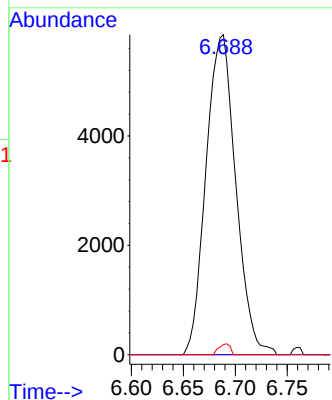
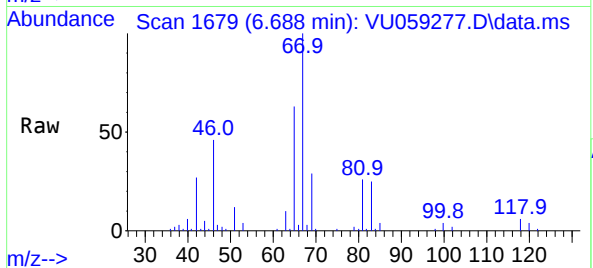
Tgt Ion: 83 Resp: 11687

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 1.3 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU059277.D

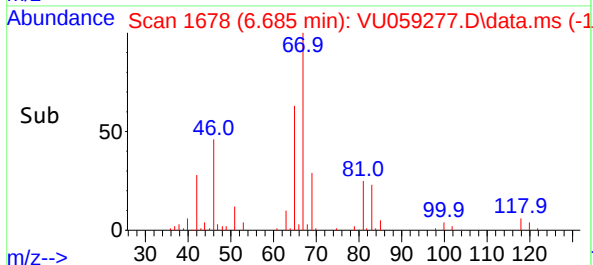
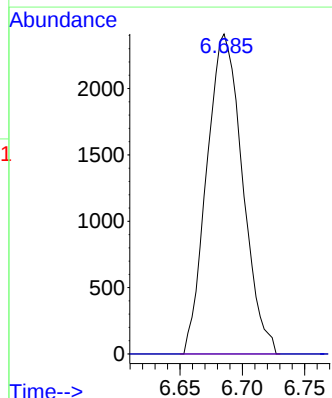
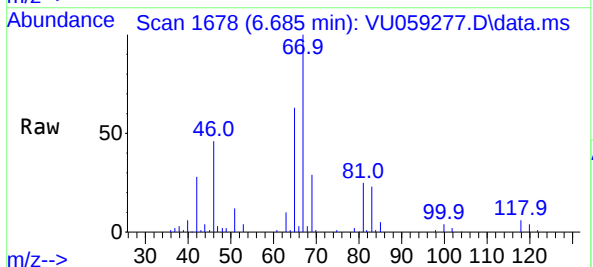
Acq: 17 Jun 2024 13:59

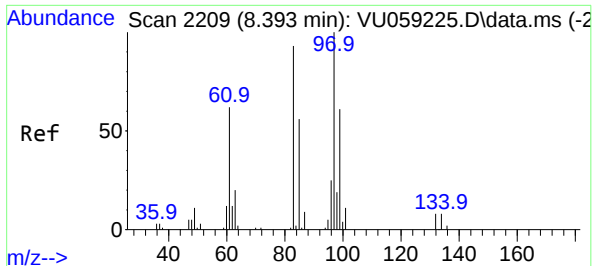
Tgt Ion: 63 Resp: 4813

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#45

1,1,2-Trichloroethane

Concen: 0.103 ug/L

RT: 8.544 min Scan# 2209

Delta R.T. 0.151 min

Lab File: VU059277.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 656

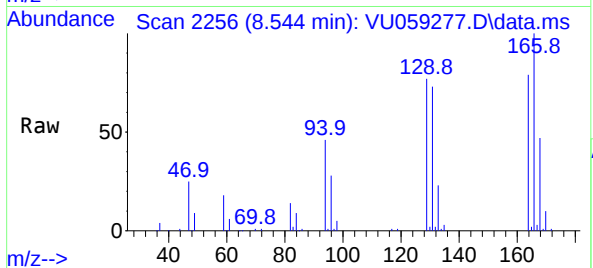
Ion Ratio Lower Upper

97 100

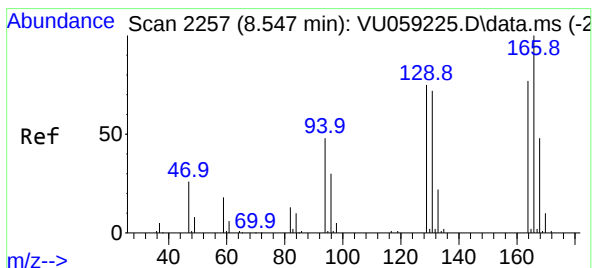
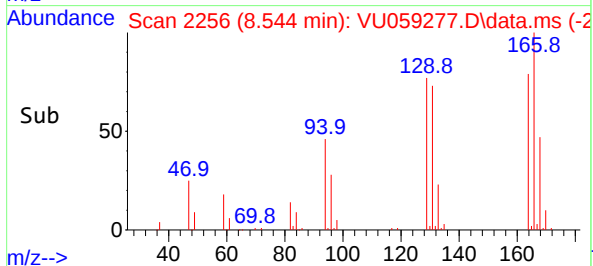
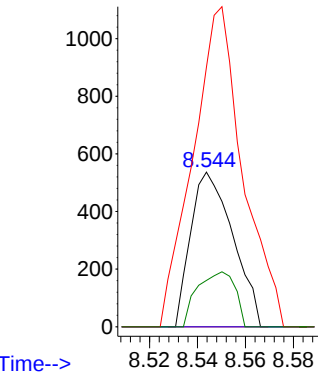
99 0.0 43.3 80.3#

83 167.8 62.3 115.7#

85 30.0 39.8 74.0#



Abundance



#47

Tetrachloroethene

Concen: 10.372 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059277.D

Acq: 17 Jun 2024 13:59

Tgt Ion:164 Resp: 72767

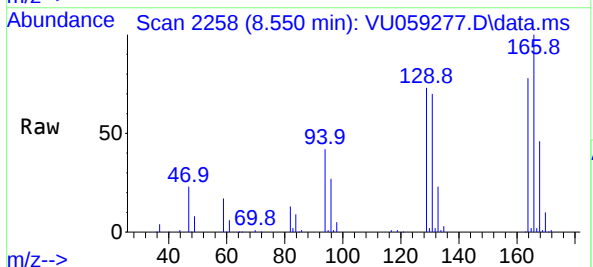
Ion Ratio Lower Upper

164 100

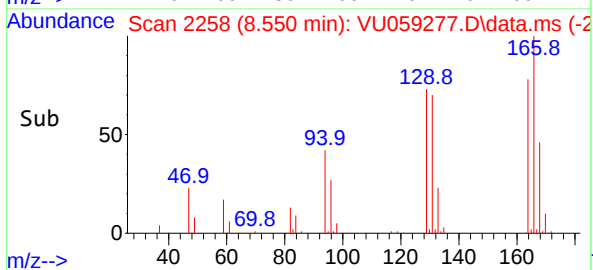
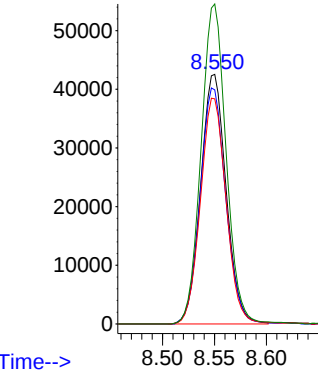
129 93.8 70.8 131.4

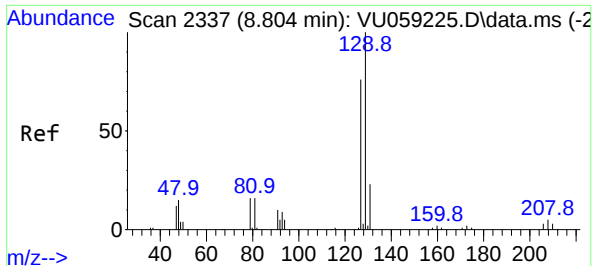
131 90.1 64.8 120.3

166 128.2 91.1 169.1



Abundance





#49

Dibromochloromethane

Concen: 9.751 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059277.D

Acq: 17 Jun 2024 13:59

Instrument :

MSVOA_U

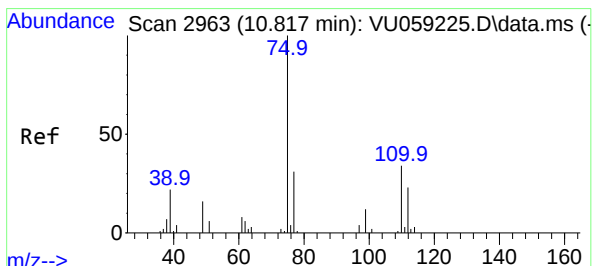
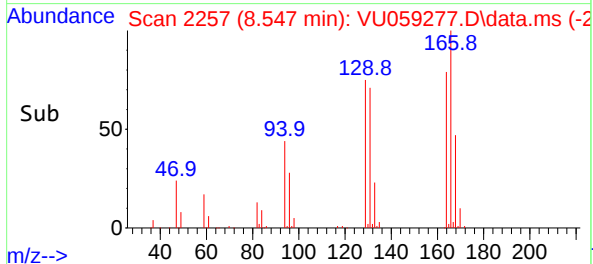
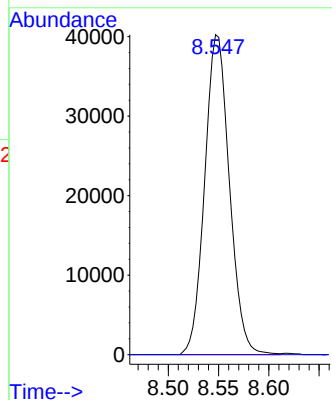
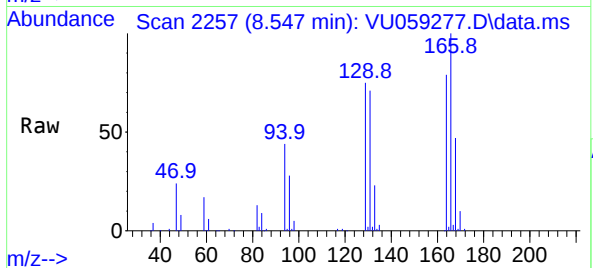
ClientSampleId :

Tgt Ion:129 Resp: 68768

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.318 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU059277.D

Acq: 17 Jun 2024 13:59

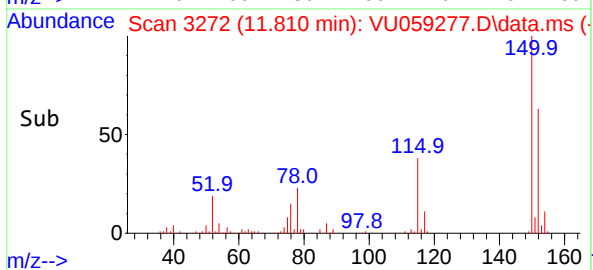
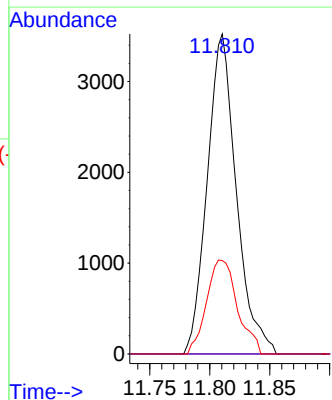
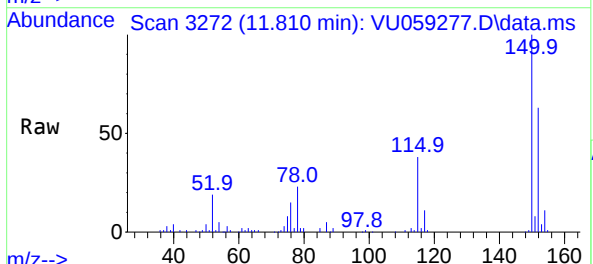
Tgt Ion: 75 Resp: 5941

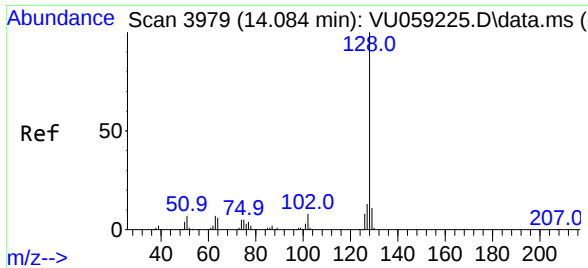
Ion Ratio Lower Upper

75 100

110 0.0 27.1 40.7#

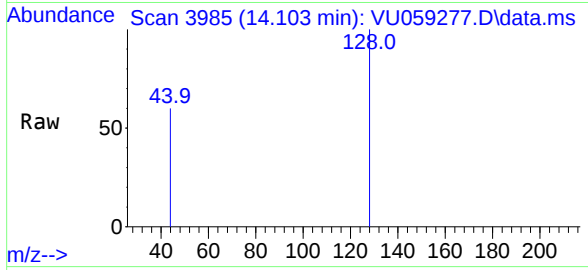
77 31.2 25.4 38.2





#71
Naphthalene
Concen: 0.145 ug/L
RT: 14.103 min Scan# 3979
Delta R.T. 0.019 min
Lab File: VU059277.D
Acq: 17 Jun 2024 13:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	1807
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	12.4#
127	5.2	10.2	15.4#

