

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059973.D
 Acq On : 16 Jul 2024 14:41
 Operator : MD/SY
 Sample : P3217-17DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 02:29:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

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

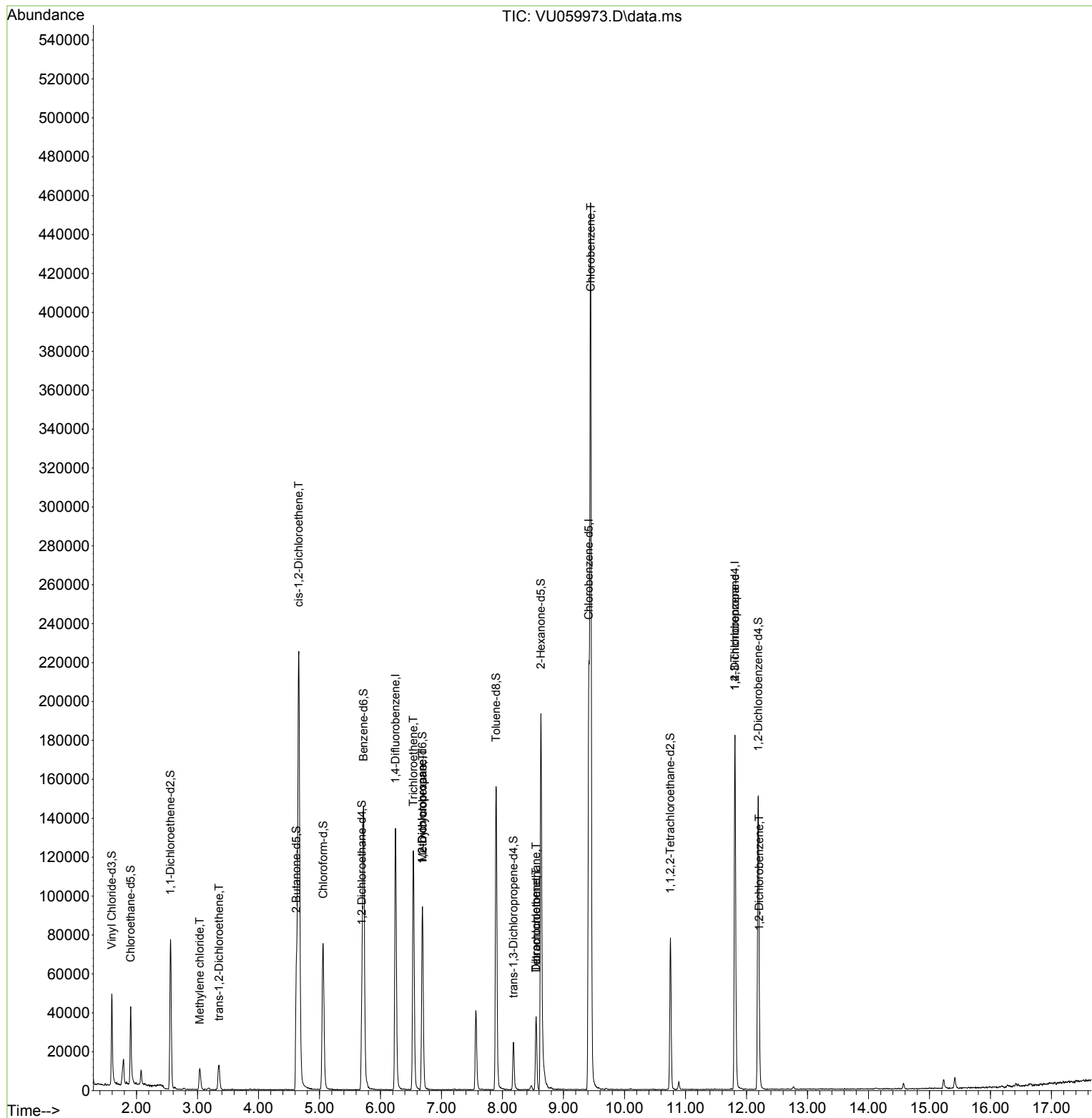
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	115464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	120749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	53284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38051	4.739	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.904	69	33778	4.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.557	65	14576	4.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.621	46	87688	53.022	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.040%	
24) Chloroform-d	5.058	84	74218	4.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.695	65	37972	4.783	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.721	84	142933	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.685	67	48274	4.741	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.894	98	111872	3.621	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	8.180	79	14545	4.561	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.631	63	64510	48.690	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	41139	4.890	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	44429	4.685	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	5843	0.602	ug/L	92
18) trans-1,2-Dichloroethene	3.354	96	6312	0.741	ug/L	86
22) cis-1,2-Dichloroethene	4.660	96	122661	13.067	ug/L	93
34) Trichloroethene	6.537	95	43410	4.371	ug/L	96
35) Methylcyclohexane	6.689	83	10759	0.761	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	4991	0.526	ug/L #	90
47) Tetrachloroethene	8.550	164	9106	1.182	ug/L	91
49) Dibromochloromethane	8.550	129	7779	1.004	ug/L #	12
51) Chlorobenzene	9.444	112	257716	10.467	ug/L	95
61) 1,2,3-Trichloropropane	11.811	75	6307	1.281	ug/L #	44
67) 1,2-Dichlorobenzene	12.209	146	5678	0.360	ug/L	95

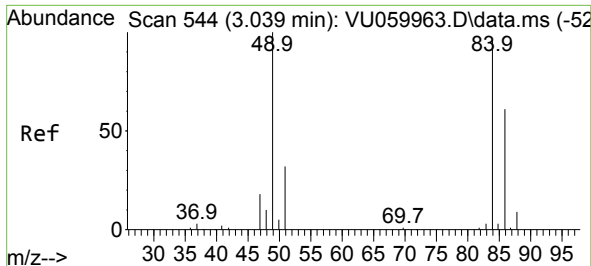
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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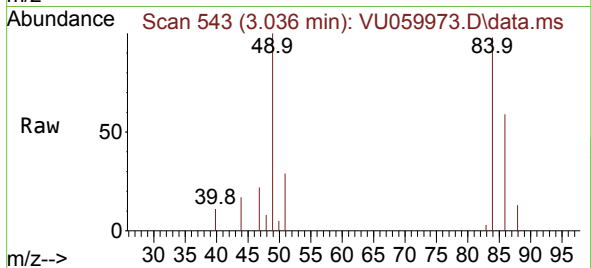
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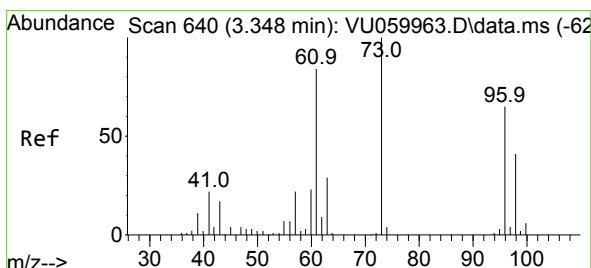
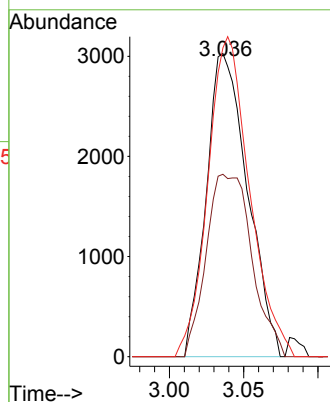
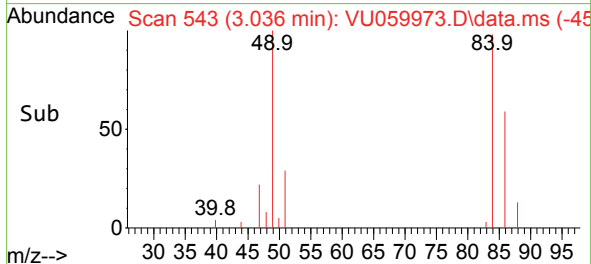


#16
Methylene chloride
Concen: 0.602 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

Instrument :
MSVOA_U
ClientSampleId :

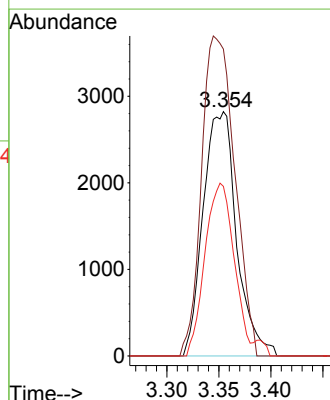
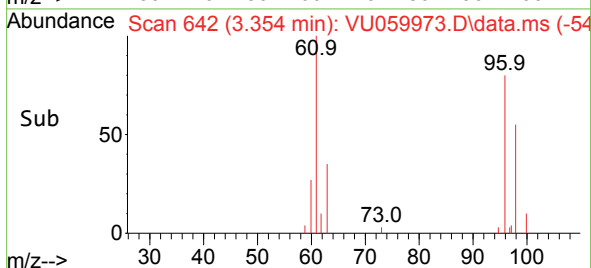
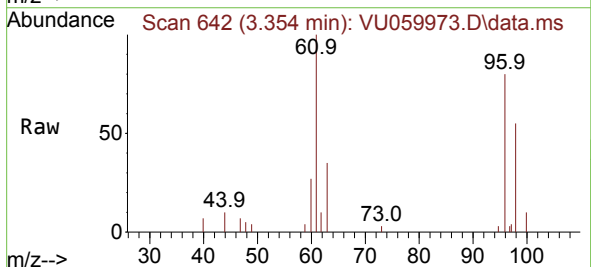


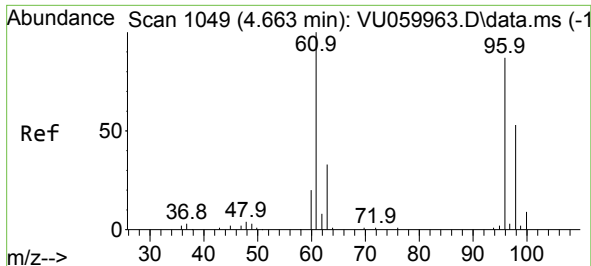
Tgt Ion: 84 Resp: 5843
Ion Ratio Lower Upper
84 100
86 60.1 42.1 78.1
49 101.8 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 0.741 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

Tgt Ion: 96 Resp: 6312
Ion Ratio Lower Upper
96 100
61 125.7 101.8 189.0
98 69.4 43.3 80.5





#22

cis-1,2-Dichloroethene

Concen: 13.067 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

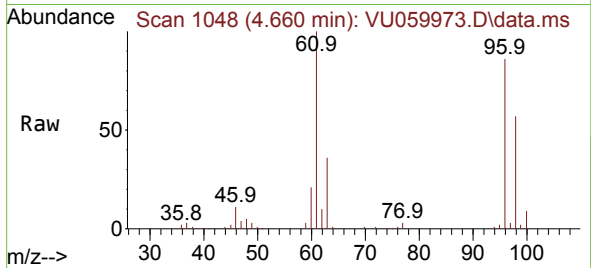
Lab File: VU059973.D

Acq: 16 Jul 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :



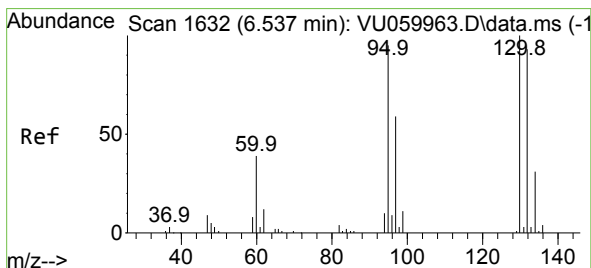
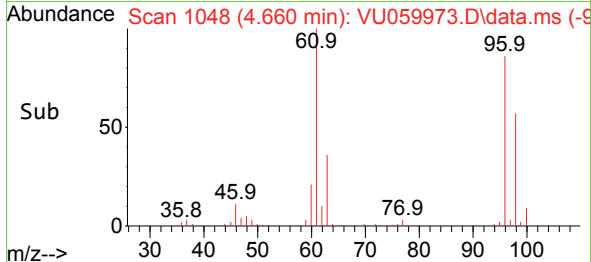
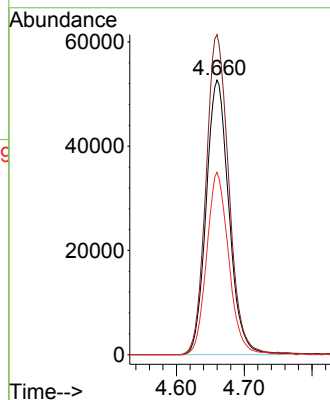
Tgt Ion: 96 Resp: 122661

Ion Ratio Lower Upper

96 100

61 116.6 87.4 162.2

98 66.4 42.3 78.5



#34

Trichloroethene

Concen: 4.371 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059973.D

Acq: 16 Jul 2024 14:41

Tgt Ion: 95 Resp: 43410

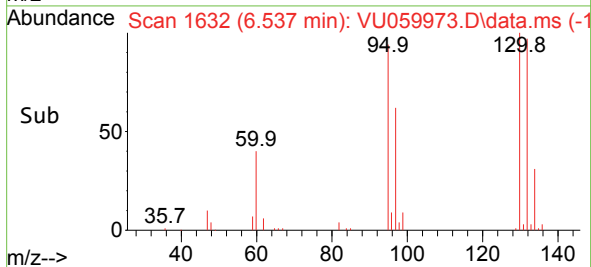
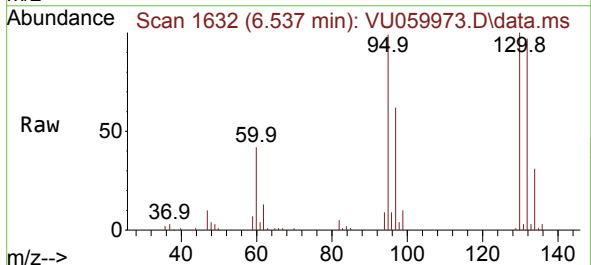
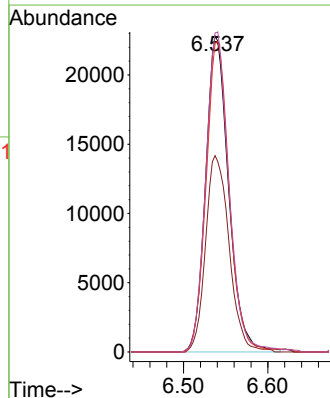
Ion Ratio Lower Upper

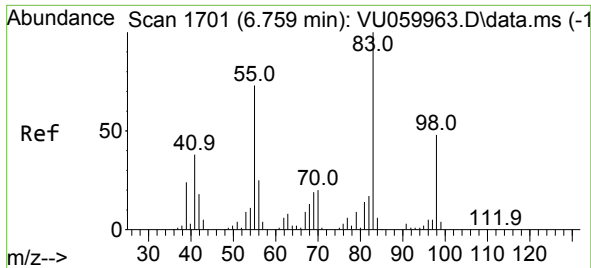
95 100

97 62.1 45.3 84.1

132 97.7 64.0 119.0

130 101.1 69.1 128.3

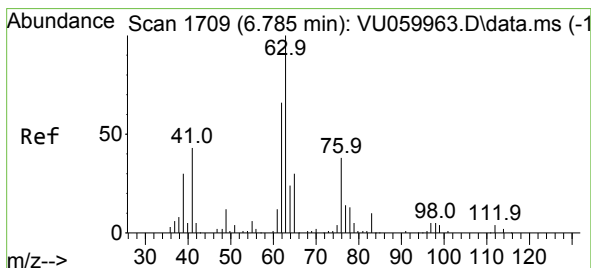
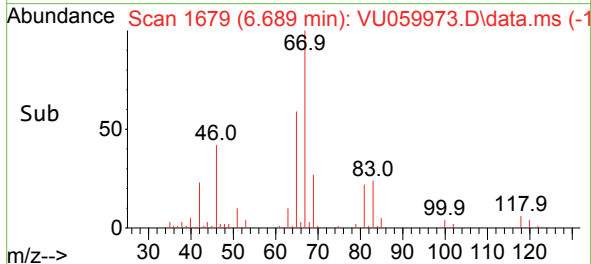
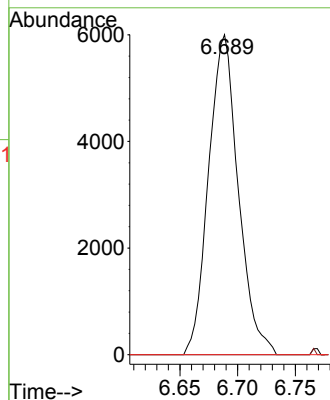
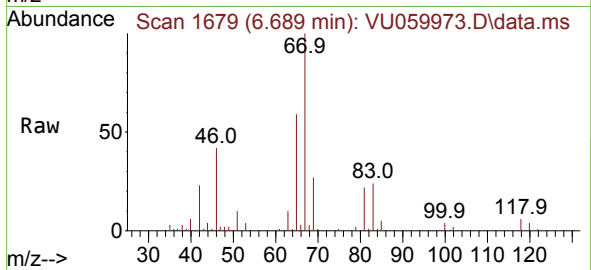




#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

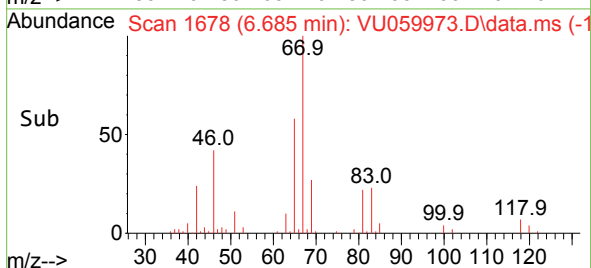
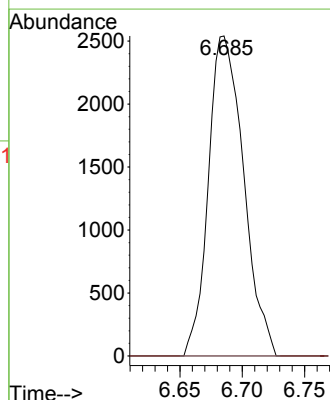
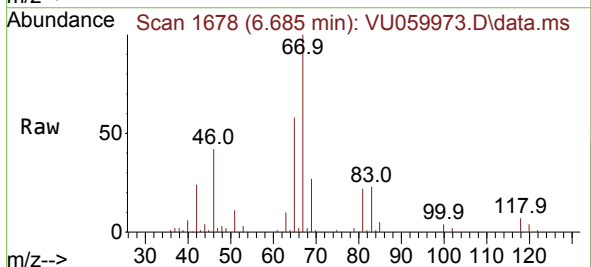
Instrument :
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ClientSampleId :

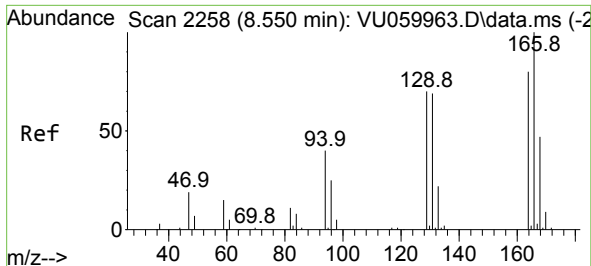
Tgt Ion: 83 Resp: 10759
Ion Ratio Lower Upper
83 100
55 0.2 62.7 94.1#
98 3.1 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

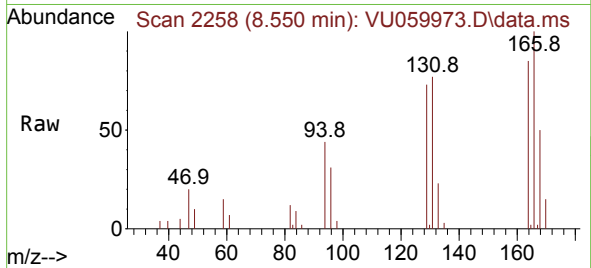
Tgt Ion: 63 Resp: 4991
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



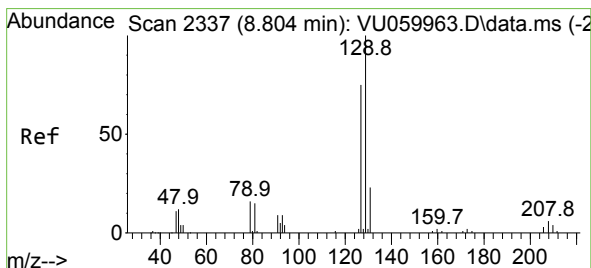
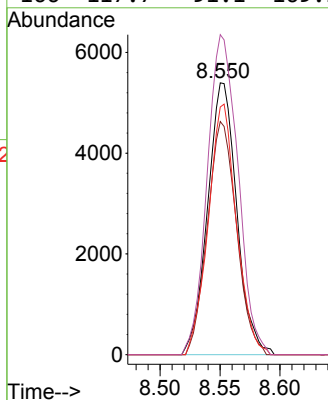
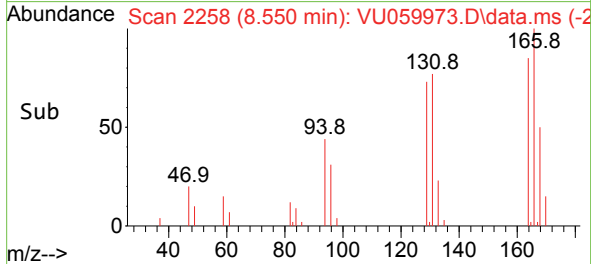


#47
Tetrachloroethene
Concen: 1.182 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

Instrument :
MSVOA_U
ClientSampleId :

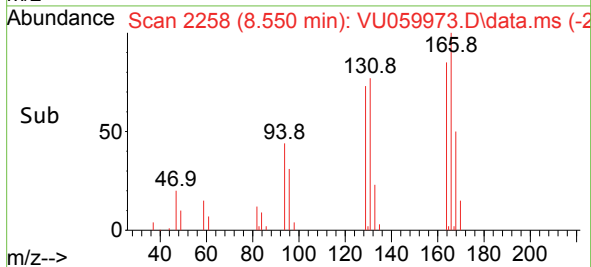
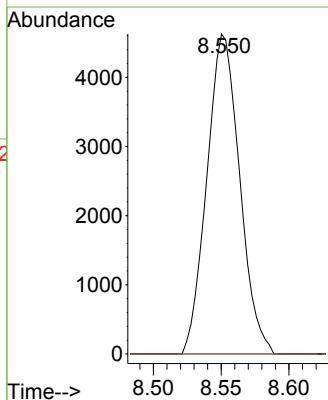
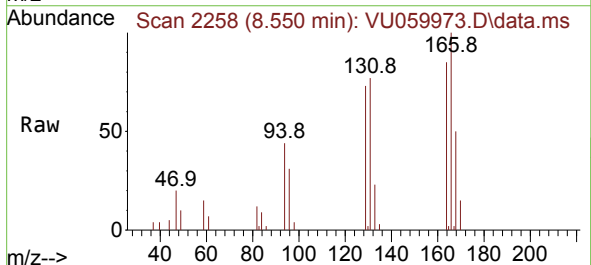


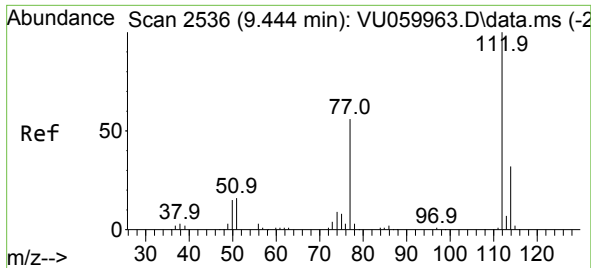
Tgt Ion:164 Resp: 9106
Ion Ratio Lower Upper
164 100
129 85.8 70.8 131.4
131 91.1 64.8 120.3
166 117.7 91.1 169.1



#49
Dibromochloromethane
Concen: 1.004 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

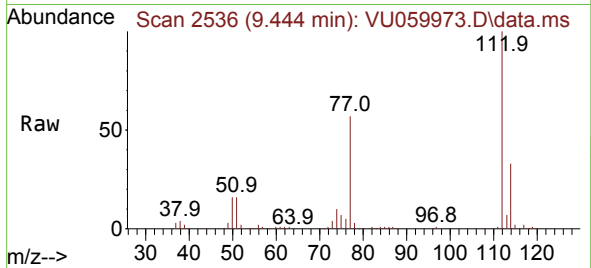
Tgt Ion:129 Resp: 7779
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#



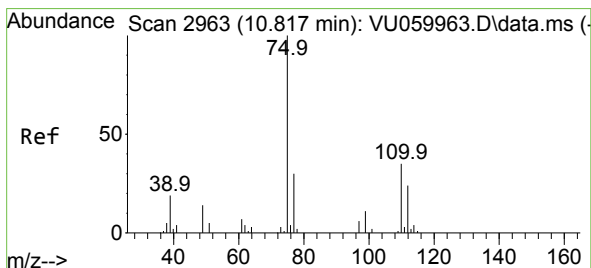
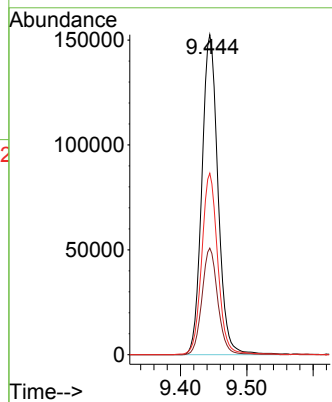
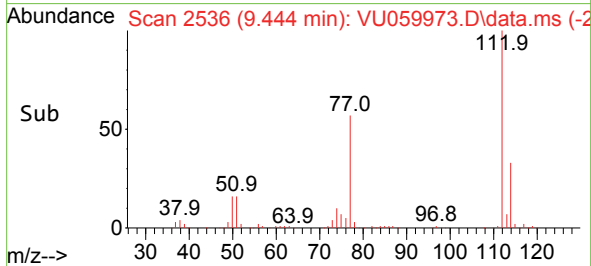


#51
Chlorobenzene
Concen: 10.467 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

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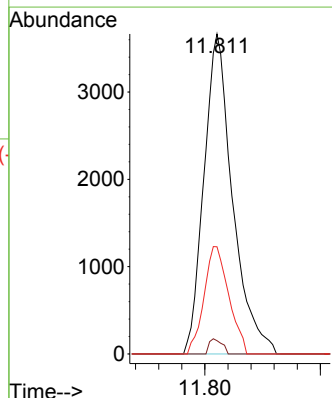
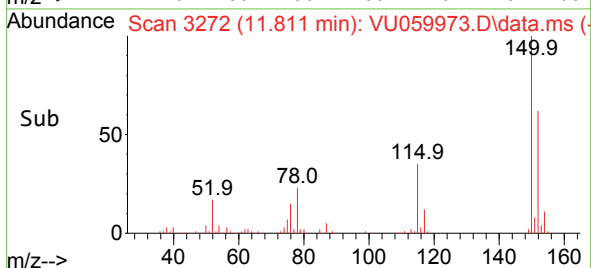
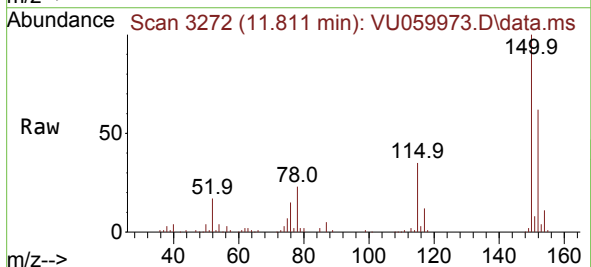


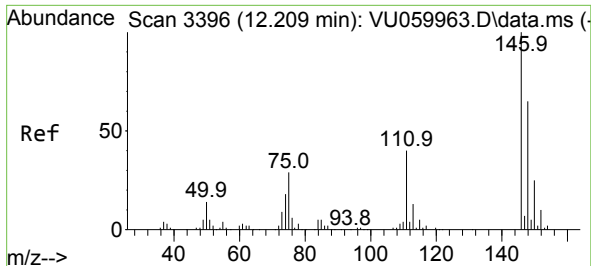
Tgt Ion:112 Resp: 257716
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 56.7 49.1 73.7



#61
1,2,3-Trichloropropane
Concen: 1.281 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU059973.D
Acq: 16 Jul 2024 14:41

Tgt Ion: 75 Resp: 6307
Ion Ratio Lower Upper
75 100
110 2.1 27.1 40.7#
77 0.0 25.4 38.2#





#67

1,2-Dichlorobenzene

Concen: 0.360 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

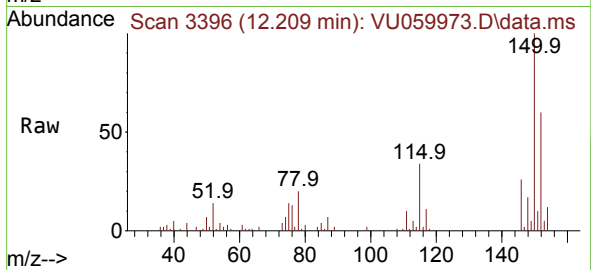
Lab File: VU059973.D

Acq: 16 Jul 2024 14:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 5678

Ion Ratio Lower Upper

146 100

111 40.0 33.4 50.0

148 67.3 49.7 74.5

