

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059721.D
 Acq On : 02 Jul 2024 06:03
 Operator : MD/SY
 Sample : P3084-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 07:23:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

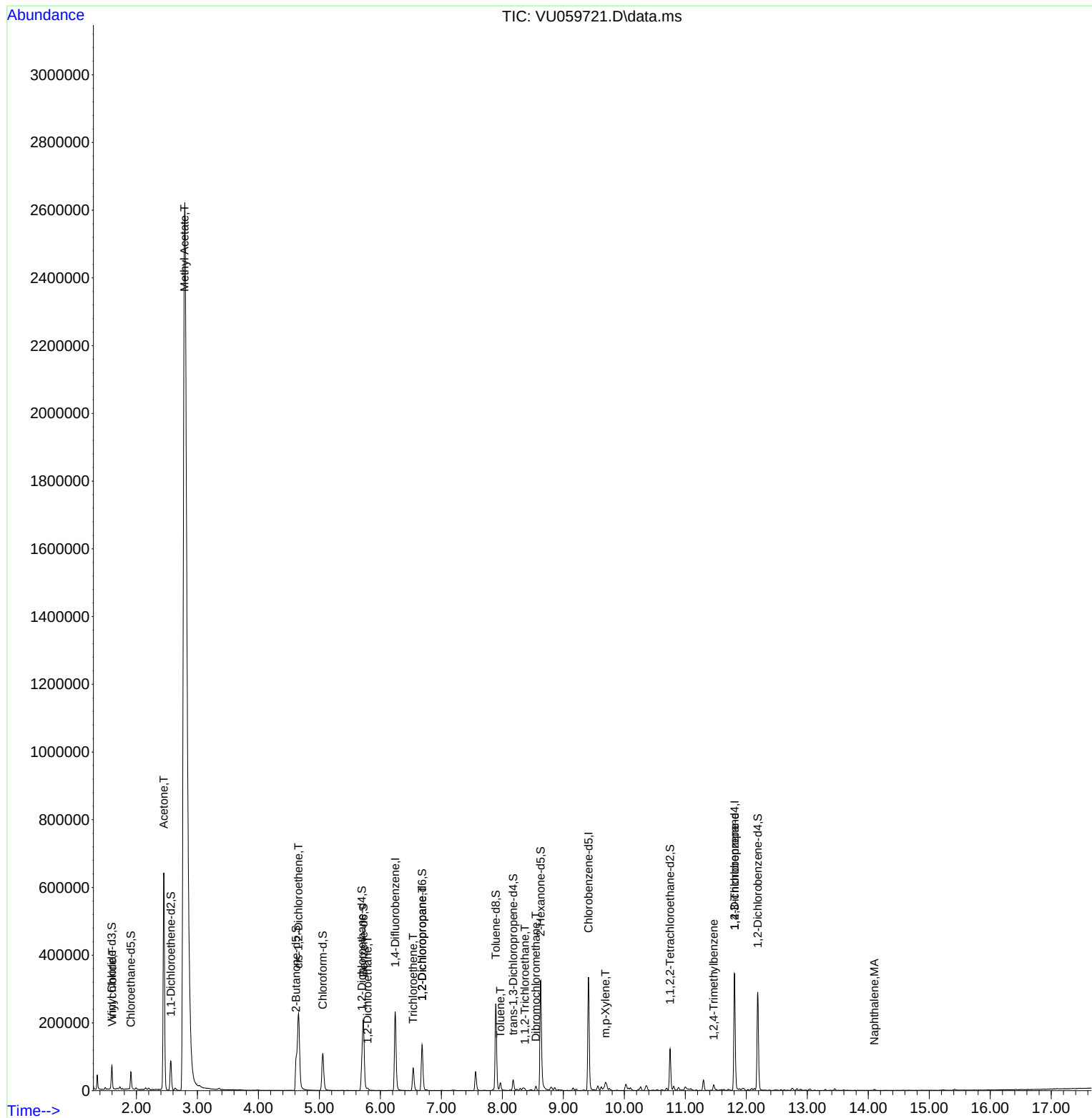
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	202691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	201551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31763	2.254	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.000%
7) Chloroethane-d5	1.908	69	38130	2.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.200%#
11) 1,1-Dichloroethene-d2	2.563	65	16753	2.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	4.618	46	148107	51.015	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.052	84	105061	3.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.695	65	55287	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.721	84	207064	3.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.682	67	66613	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.891	98	181512	3.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.177	79	20542	3.859	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.624	63	118153	53.427	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60613	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	78132	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
5) Vinyl chloride	1.602	62	8510	0.417	ug/L	91
13) Acetone	2.448	43	401075	212.969	ug/L	42
15) Methyl Acetate	2.789	43	1435290	288.805	ug/L #	51
22) cis-1,2-Dichloroethene	4.657	96	119481	7.251	ug/L	93
27) 1,2-Dichloroethane	5.788	62	4207	0.239	ug/L #	86
34) Trichloroethene	6.538	95	23678	1.428	ug/L	96
37) 1,2-Dichloropropane	6.682	63	6837	0.432	ug/L #	90
42) Toluene	7.965	91	17930	0.277	ug/L	94
45) 1,1,2-Trichloroethane	8.367	97	2122	0.182	ug/L #	14
49) Dibromochloromethane	8.550	129	3083	0.238	ug/L #	12
53) m,p-Xylene	9.689	106	6725	0.263	ug/L	82
61) 1,2,3-Trichloropropane	11.807	75	10898	1.163	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.463	105	8757	0.185	ug/L	99
71) Naphthalene	14.100	128	3640	0.141	ug/L #	94

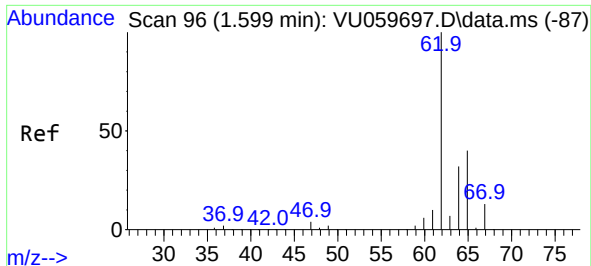
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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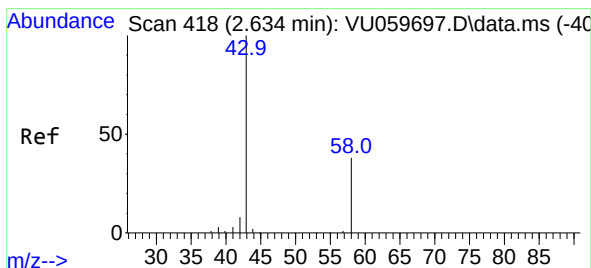
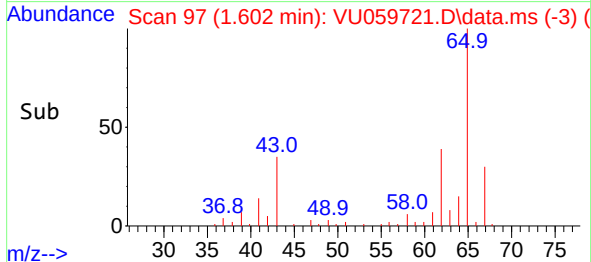
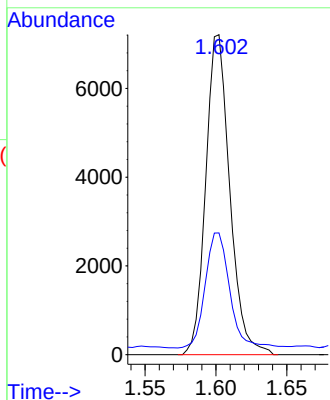
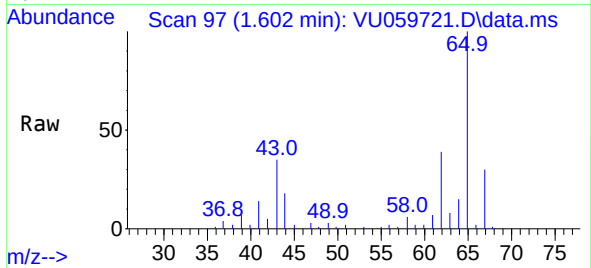




#5
Vinyl chloride
Concen: 0.417 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

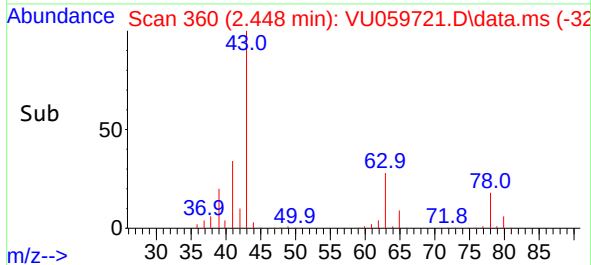
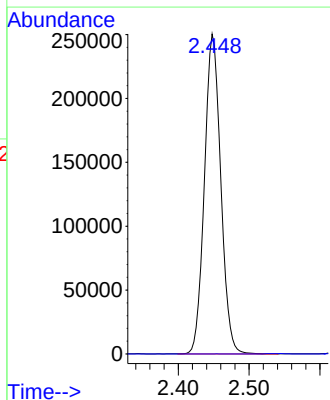
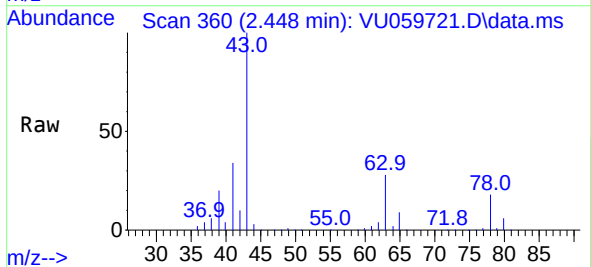
Instrument :
MSVOA_U
ClientSampleId :

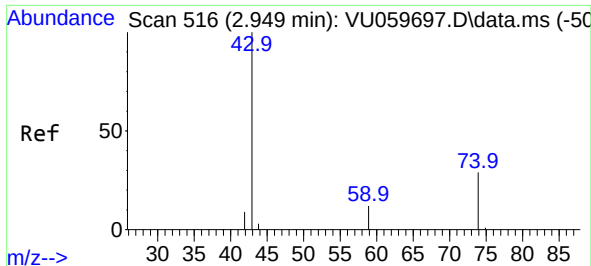
Tgt Ion: 62 Resp: 8510
Ion Ratio Lower Upper
62 100
64 38.1 23.1 42.9



#13
Acetone
Concen: 212.969 ug/L
RT: 2.448 min Scan# 360
Delta R.T. -0.186 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

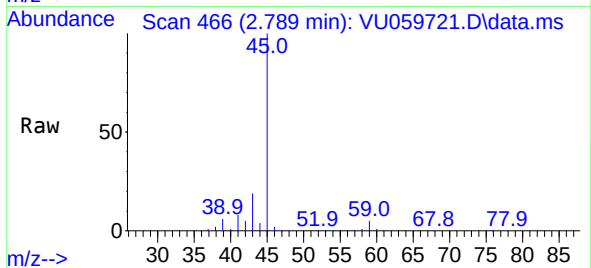
Tgt Ion: 43 Resp: 401075
Ion Ratio Lower Upper
43 100
58 0.8 0.0 68.0



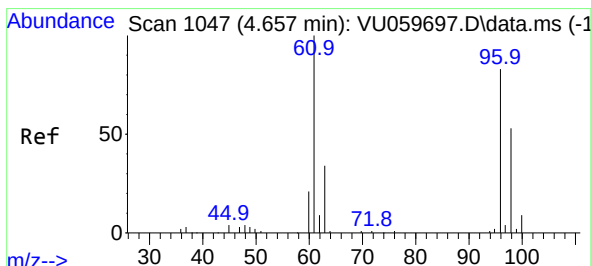
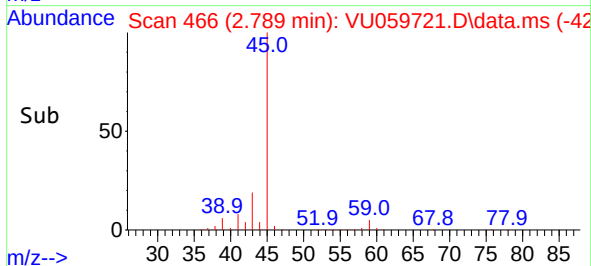
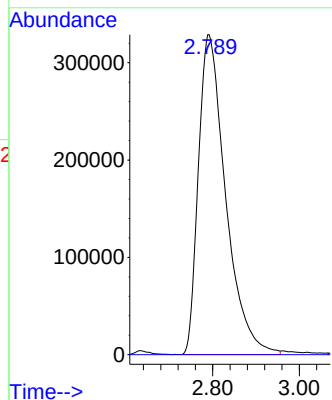


#15
Methyl Acetate
Concen: 288.805 ug/L
RT: 2.789 min Scan# 41
Delta R.T. -0.160 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Instrument :
MSVOA_U
ClientSampleId :

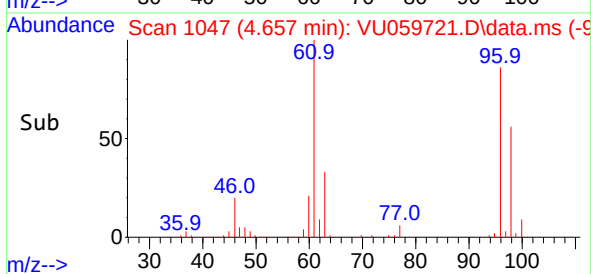
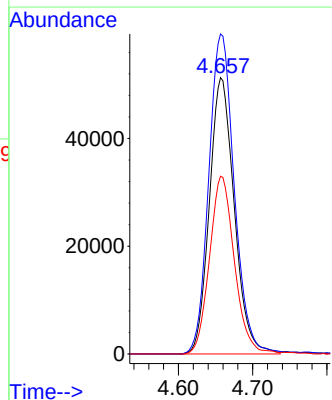
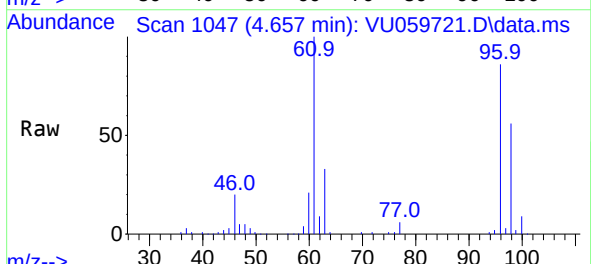


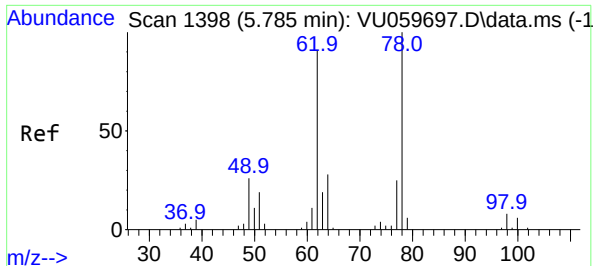
Tgt Ion: 43 Resp: 1435290
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#22
cis-1,2-Dichloroethene
Concen: 7.251 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Tgt Ion: 96 Resp: 119481
Ion Ratio Lower Upper
96 100
61 115.8 87.4 162.2
98 64.3 42.3 78.5

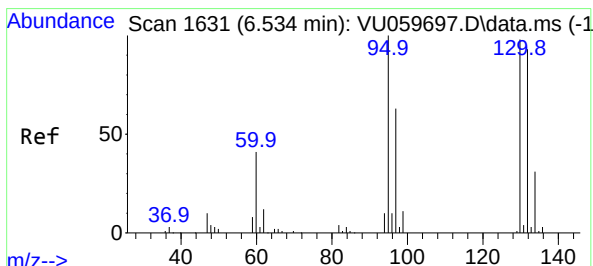
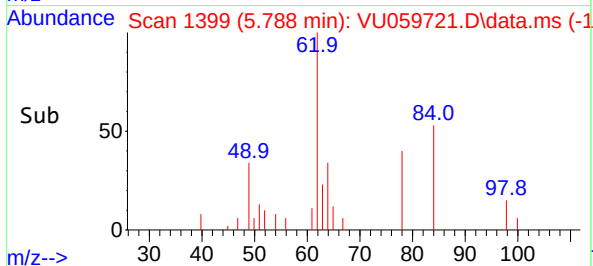
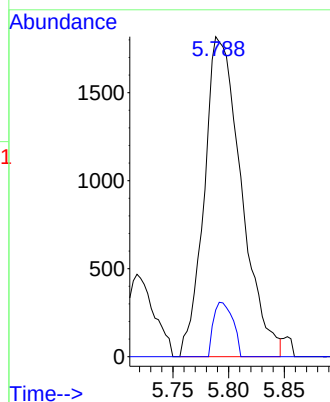
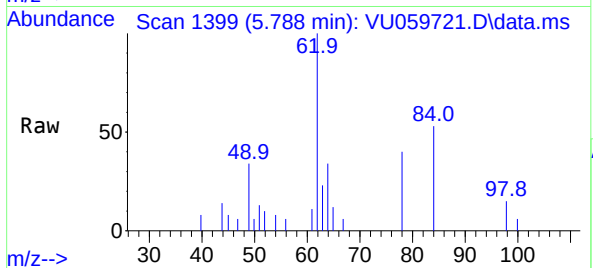




#27
1,2-Dichloroethane
Concen: 0.239 ug/L
RT: 5.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

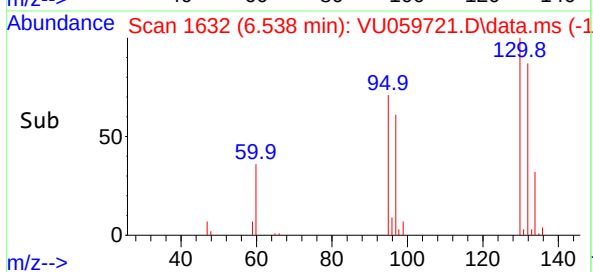
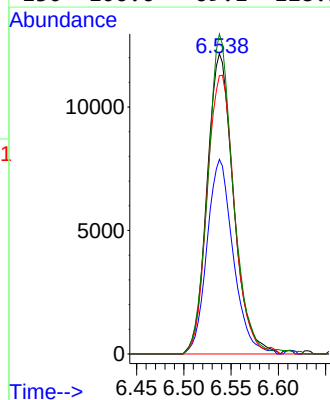
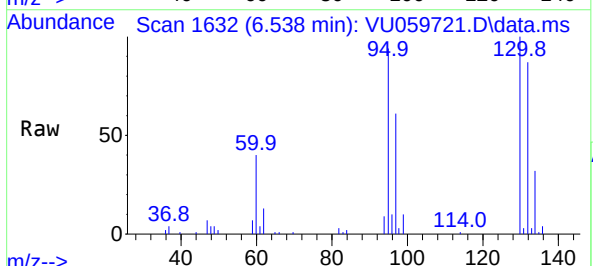
Instrument :
MSVOA_U
ClientSampleId :

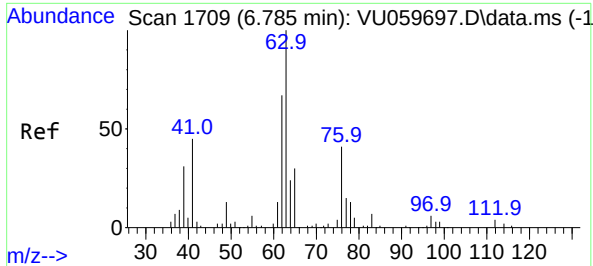
Tgt Ion: 62 Resp: 4207
Ion Ratio Lower Upper
62 100
98 14.6 7.5 11.3#



#34
Trichloroethene
Concen: 1.428 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Tgt Ion: 95 Resp: 23678
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 92.6 64.0 119.0
130 106.6 69.1 128.3

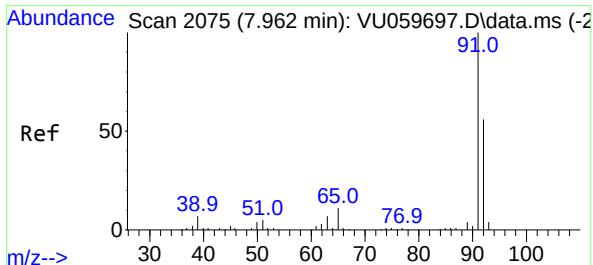
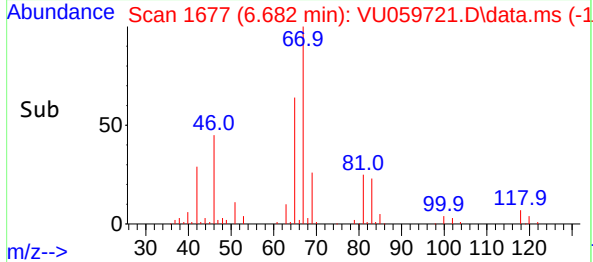
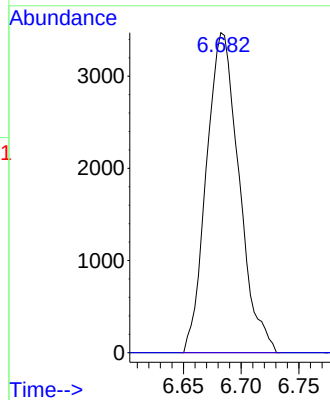
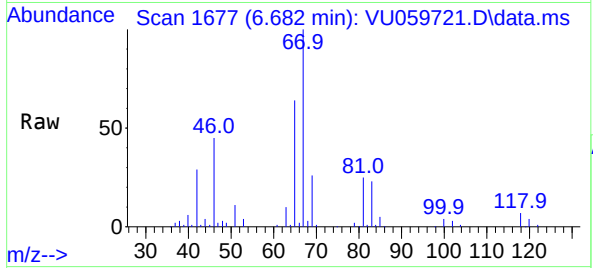




#37
1,2-Dichloropropane
Concen: 0.432 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

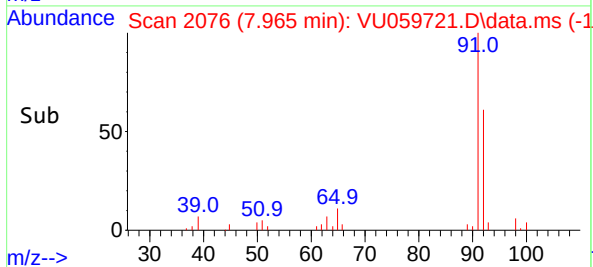
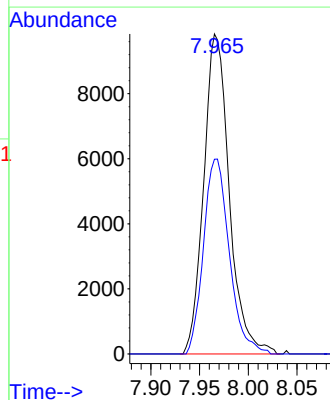
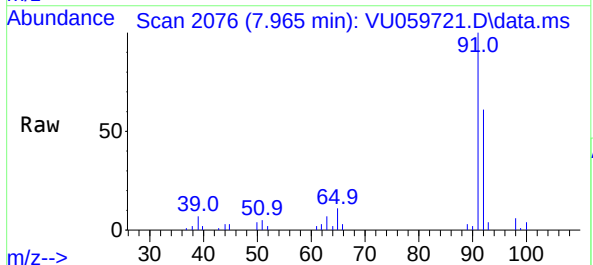
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MSVOA_U
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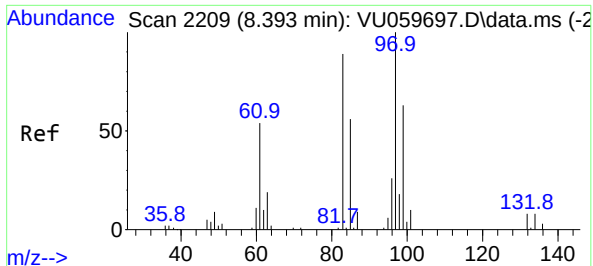
Tgt Ion: 63 Resp: 6837
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.277 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Tgt Ion: 91 Resp: 17930
Ion Ratio Lower Upper
91 100
92 60.8 39.7 73.7





#45

1,1,2-Trichloroethane

Concen: 0.182 ug/L

RT: 8.367 min Scan# 21

Delta R.T. -0.025 min

Lab File: VU059721.D

Acq: 02 Jul 2024 06:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 2122

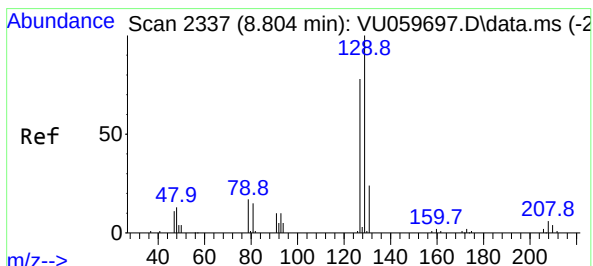
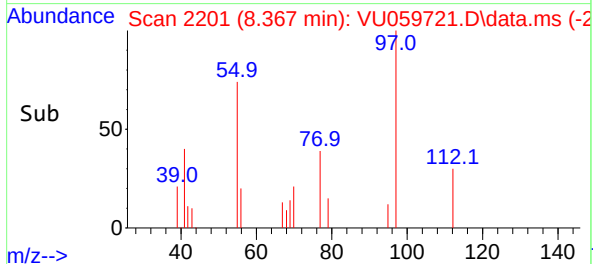
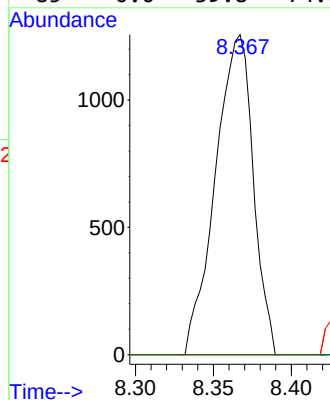
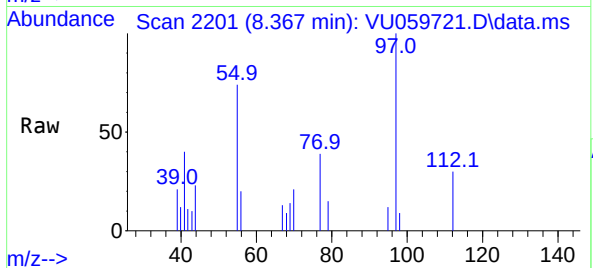
Ion Ratio Lower Upper

97 100

99 0.0 43.3 80.3#

83 0.0 62.3 115.7#

85 0.0 39.8 74.0#



#49

Dibromochloromethane

Concen: 0.238 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.251 min

Lab File: VU059721.D

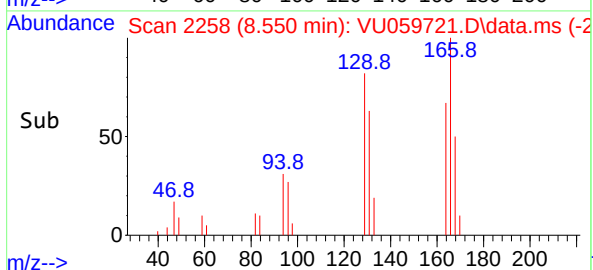
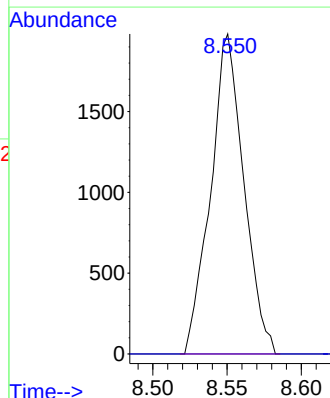
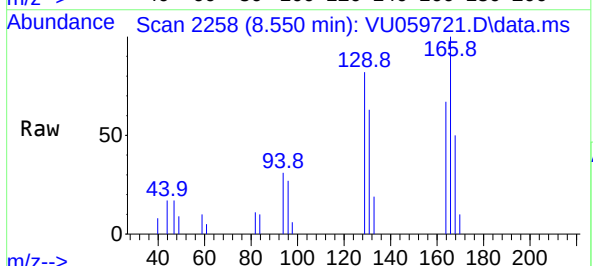
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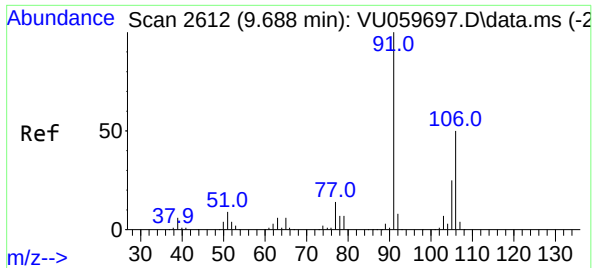
Tgt Ion: 129 Resp: 3083

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#

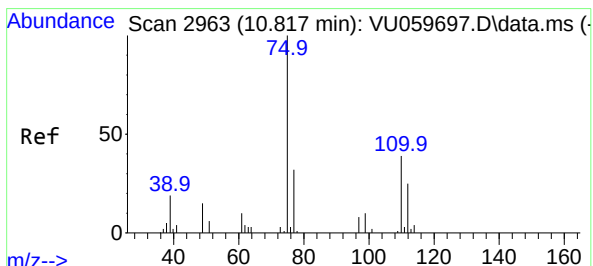
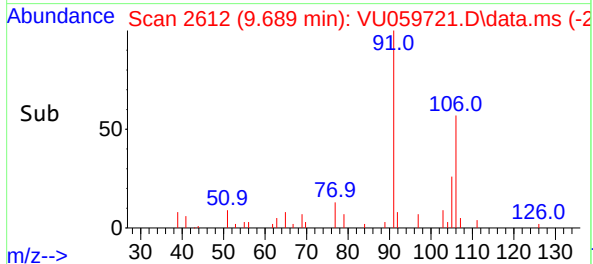
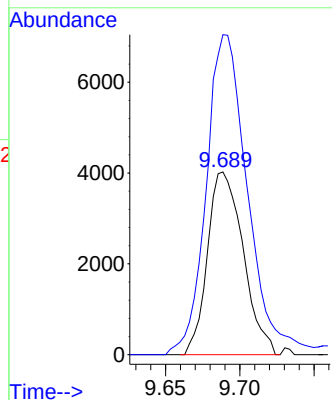
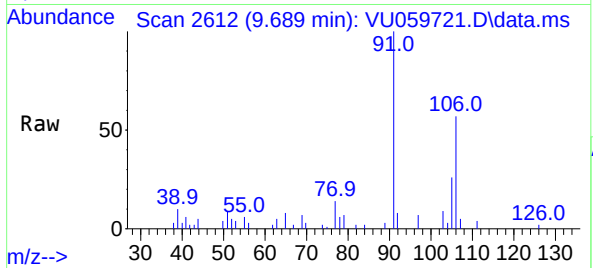




#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.689 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

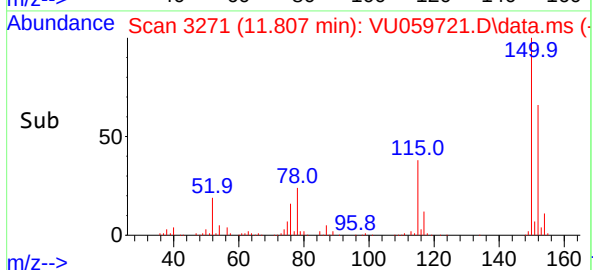
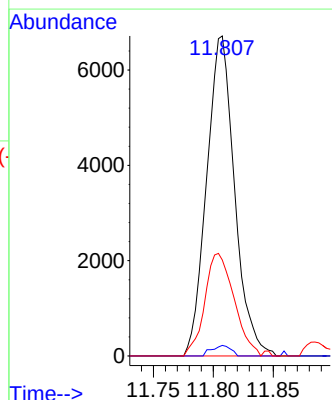
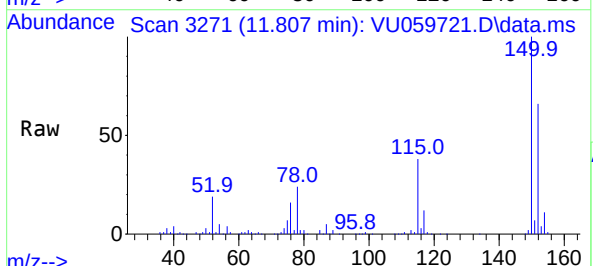
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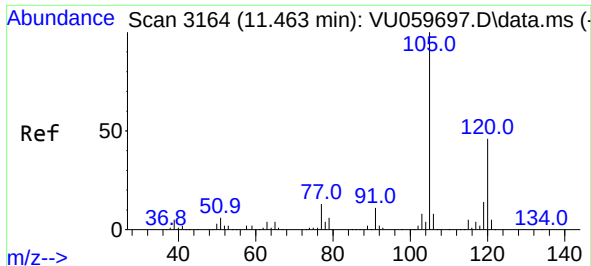
Tgt Ion:106 Resp: 6725
Ion Ratio Lower Upper
106 100
91 175.1 142.0 263.8



#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Tgt Ion: 75 Resp: 10898
Ion Ratio Lower Upper
75 100
110 2.3 27.1 40.7#
77 33.5 25.4 38.2

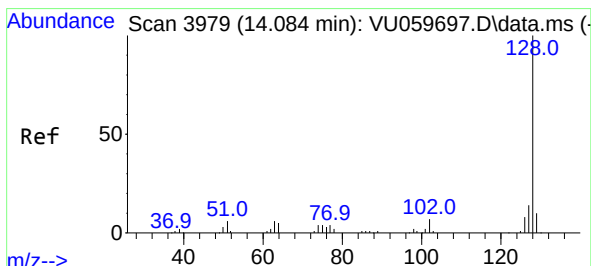
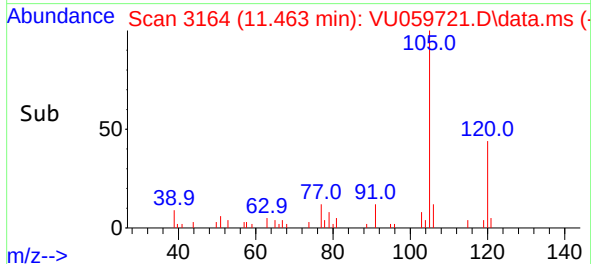
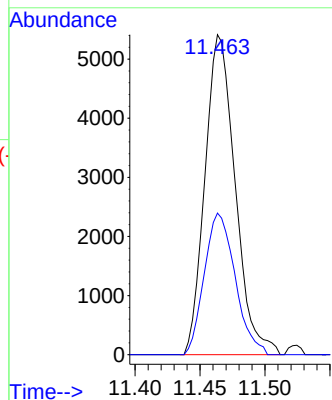
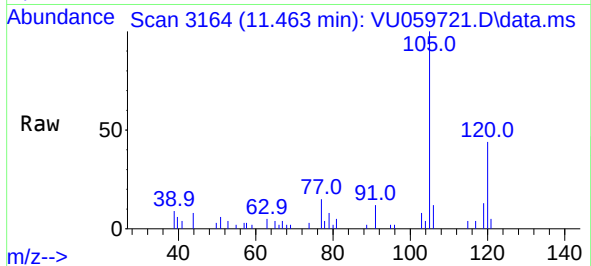




#63
1,2,4-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8757
Ion Ratio Lower Upper
105 100
120 45.2 35.4 53.0



#71
Naphthalene
Concen: 0.141 ug/L
RT: 14.100 min Scan# 3984
Delta R.T. 0.016 min
Lab File: VU059721.D
Acq: 02 Jul 2024 06:03

Tgt Ion:128 Resp: 3640
Ion Ratio Lower Upper
128 100
129 6.3 8.2 12.4#
127 12.0 10.2 15.4

