

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047421.D
 Acq On : 09 Mar 2022 21:53
 Operator : SY/MD
 Sample : N1861-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATL9

Quant Time: Mar 10 01:08:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

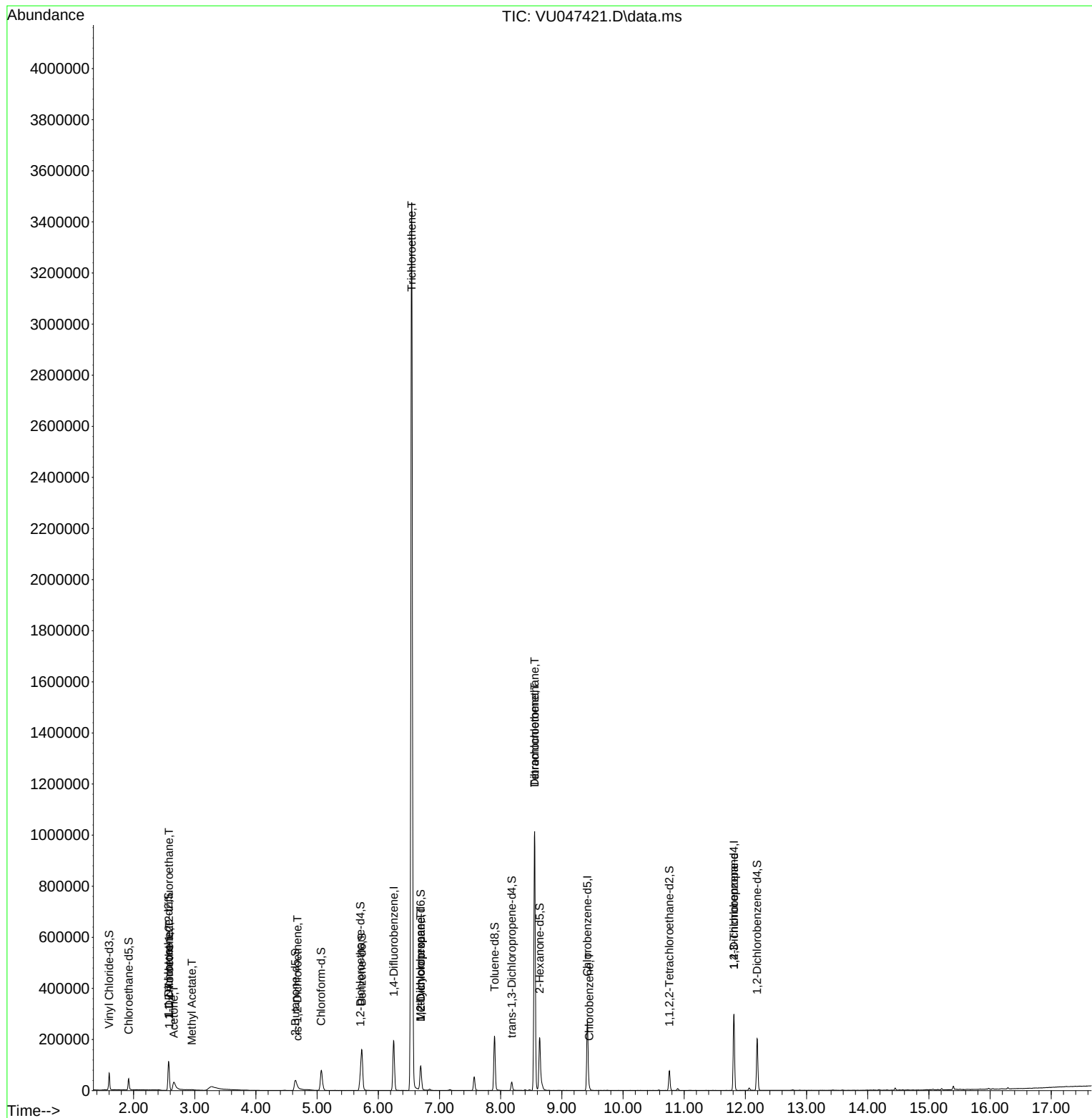
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	166888	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	158296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44963	4.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	33458	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.572	65	20386	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.646	46	90078	55.897	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.800%
24) Chloroform-d	5.067	84	72068	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.707	65	36798	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.732	84	155637	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.694	67	46178	5.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.899	98	147967	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.182	79	19019	5.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.636	63	88685	53.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38155	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	57533	5.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	967	0.097	ug/L #	35
12) 1,1-Dichloroethene	2.585	96	3023	0.309	ug/L #	1
13) Acetone	2.658	43	80238	54.192	ug/L	95
15) Methyl Acetate	2.951	43	2510	0.642	ug/L #	50
22) cis-1,2-Dichloroethene	4.678	96	1062	0.091	ug/L	89
34) Trichloroethene	6.546	95	1150351	100.659	ug/L	98
35) Methylcyclohexane	6.690	83	10886	0.604	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4746	0.446	ug/L #	88
47) Tetrachloroethene	8.555	164	234909	24.230	ug/L	98
49) Dibromochloromethane	8.555	129	212322	20.030	ug/L #	12
51) Chlorobenzene	9.449	112	4854	0.156	ug/L	96
61) 1,2,3-Trichloropropane	11.812	75	9042	1.163	ug/L #	67

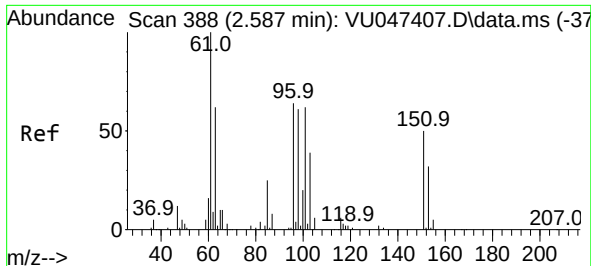
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.097 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.009 min

Lab File: VU047421.D

Acq: 09 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

YATL9

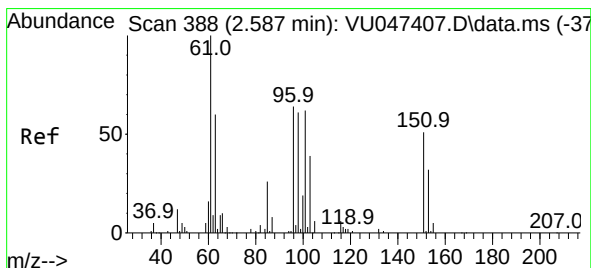
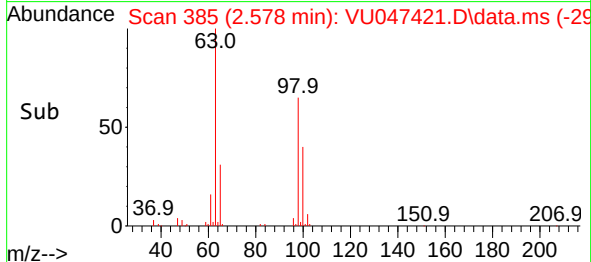
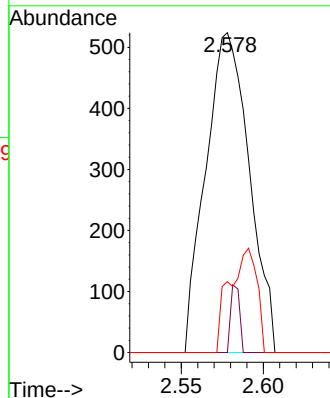
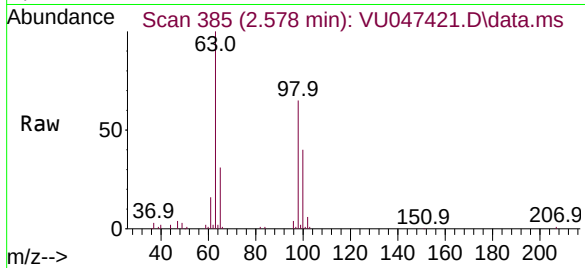
Tgt Ion:101 Resp: 967

Ion Ratio Lower Upper

101 100

85 4.2 33.8 50.6#

151 20.6 64.8 97.2#



#12

1,1-Dichloroethene

Concen: 0.309 ug/L

RT: 2.585 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047421.D

Acq: 09 Mar 2022 21:53

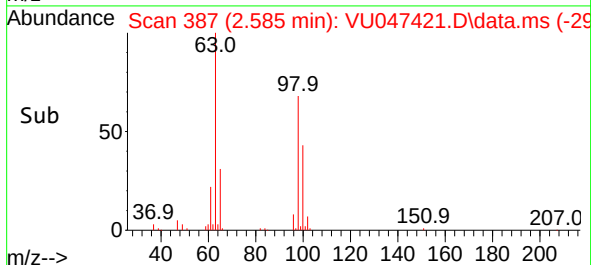
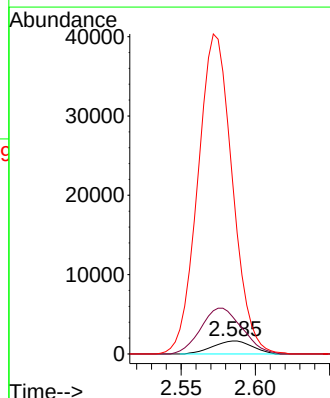
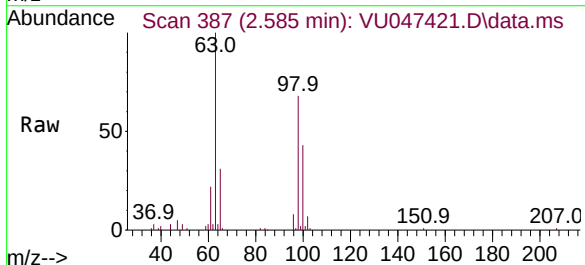
Tgt Ion: 96 Resp: 3023

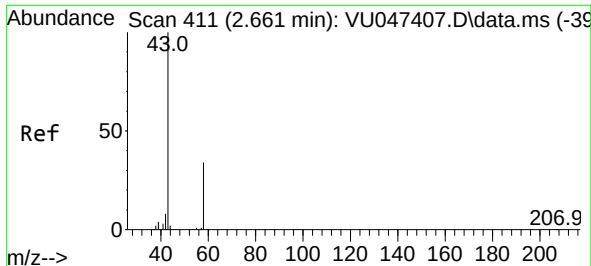
Ion Ratio Lower Upper

96 100

61 286.6 108.8 202.0#

63 1331.5 64.0 119.0#





#13

Acetone

Concen: 54.192 ug/L

RT: 2.658 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU047421.D

Acq: 09 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

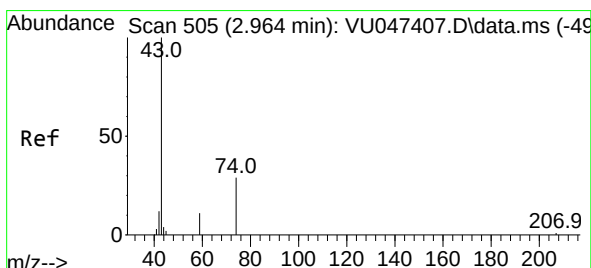
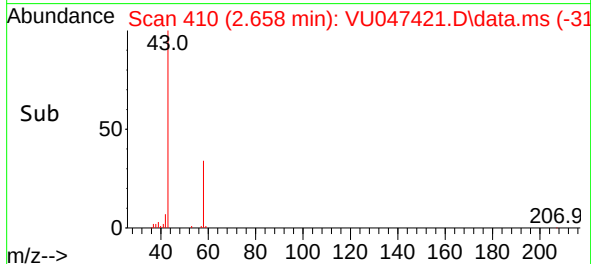
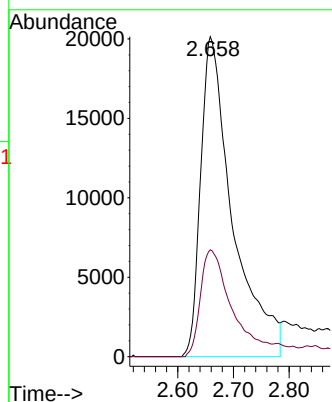
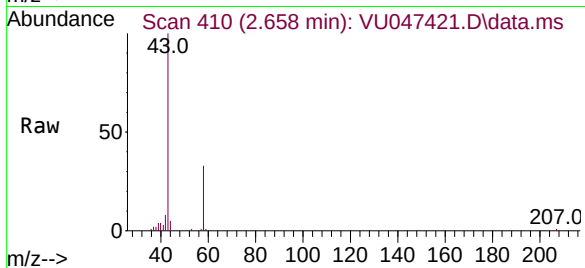
YATL9

Tgt Ion: 43 Resp: 80238

Ion Ratio Lower Upper

43 100

58 33.1 0.0 72.6



#15

Methyl Acetate

Concen: 0.642 ug/L

RT: 2.951 min Scan# 501

Delta R.T. -0.013 min

Lab File: VU047421.D

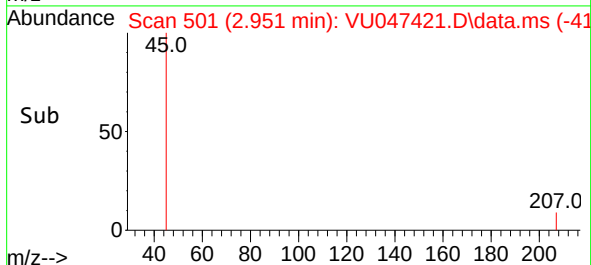
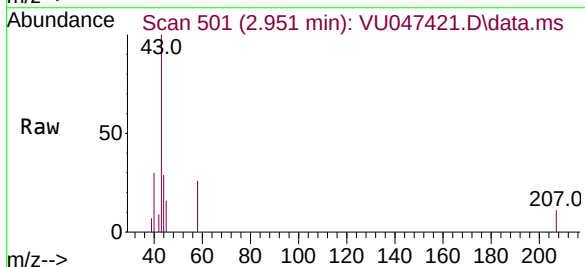
Acq: 09 Mar 2022 21:53

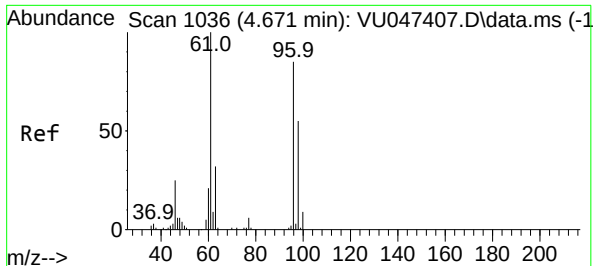
Tgt Ion: 43 Resp: 2510

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#22

cis-1,2-Dichloroethene

Concen: 0.091 ug/L

RT: 4.678 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU047421.D

Acq: 09 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

YATL9

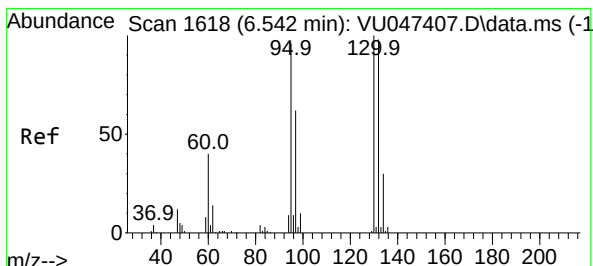
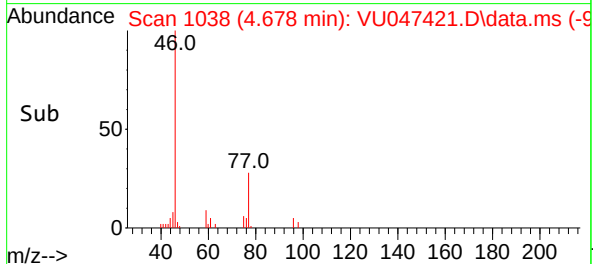
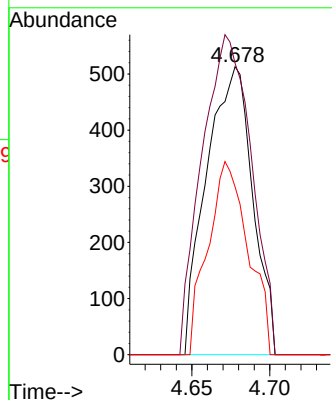
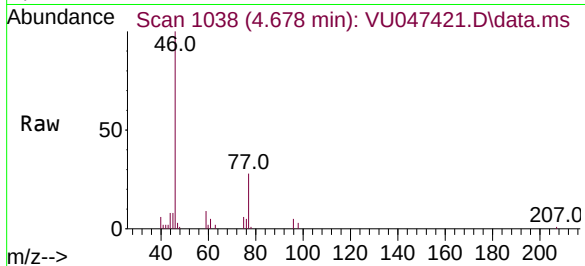
Tgt Ion: 96 Resp: 1062

Ion Ratio Lower Upper

96 100

61 101.2 80.8 150.0

98 58.3 44.7 83.1



#34

Trichloroethene

Concen: 100.659 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.004 min

Lab File: VU047421.D

Acq: 09 Mar 2022 21:53

Tgt Ion: 95 Resp: 1150351

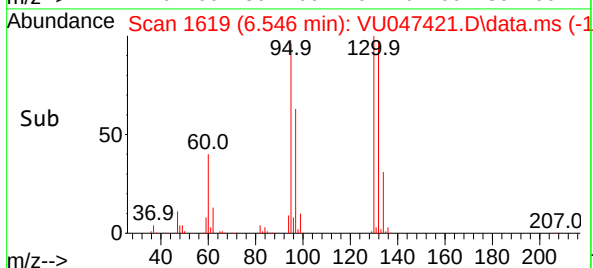
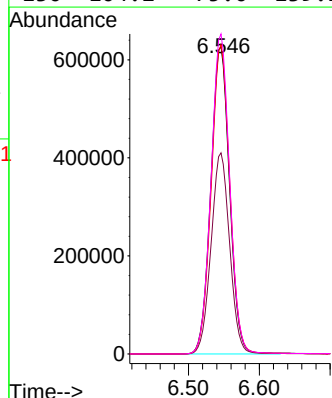
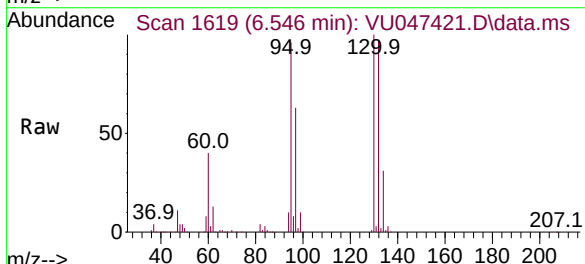
Ion Ratio Lower Upper

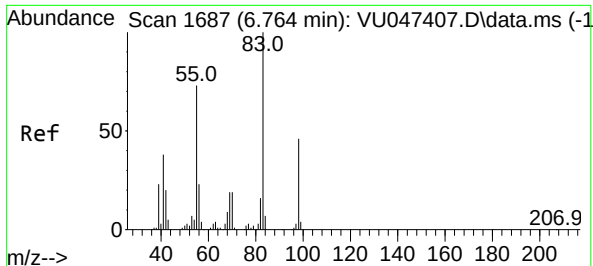
95 100

97 65.5 46.3 85.9

132 100.7 71.7 133.1

130 104.2 75.0 139.2

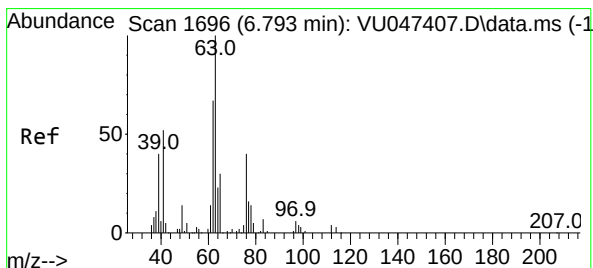
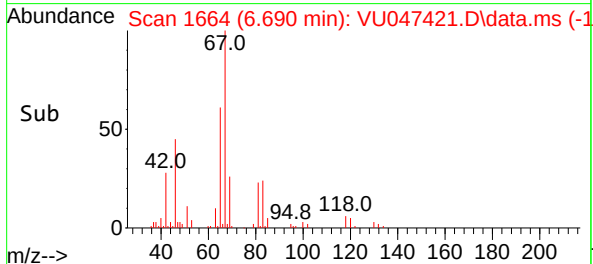
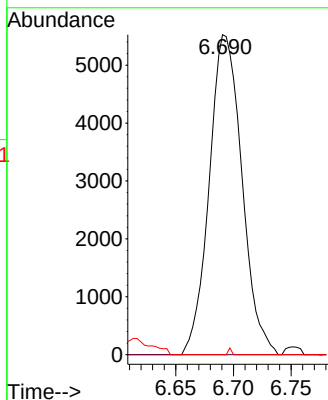
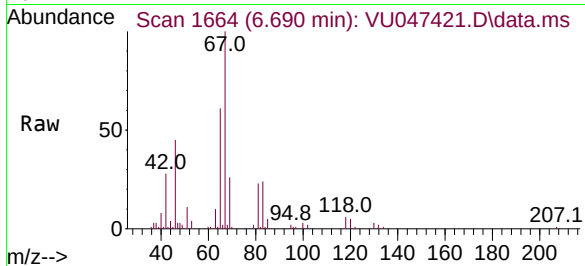




#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU047421.D
Acq: 09 Mar 2022 21:53

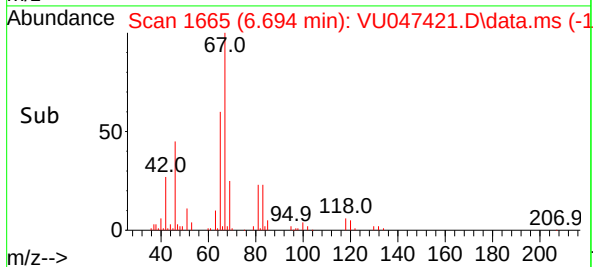
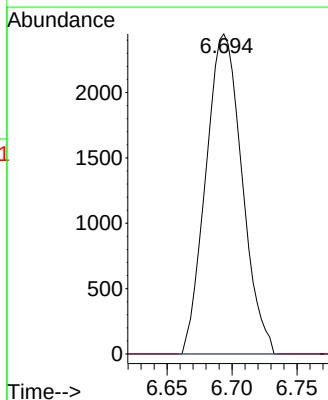
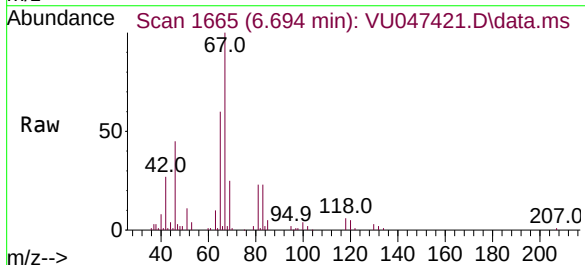
Instrument :
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YATL9

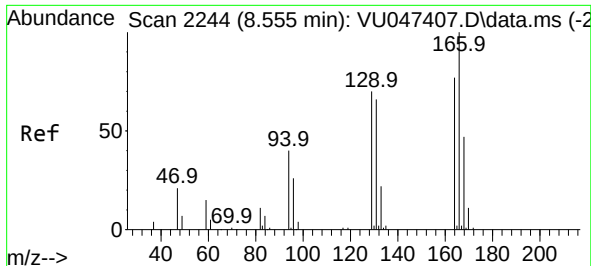
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.0	38.0	57.0#



#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU047421.D
Acq: 09 Mar 2022 21:53

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#47

Tetrachloroethene

Concen: 24.230 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047421.D

Acq: 09 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

YATL9

Tgt Ion:164 Resp: 234909

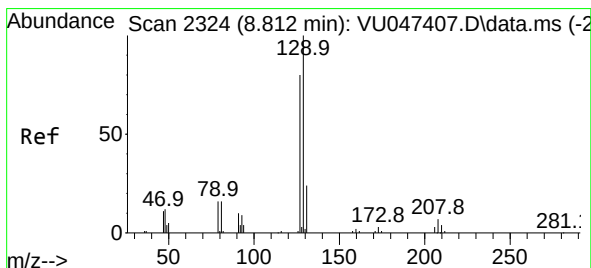
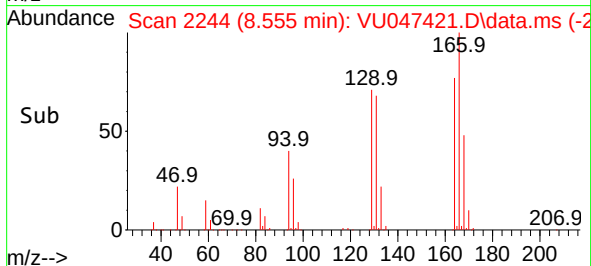
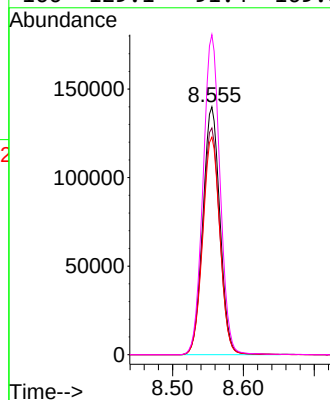
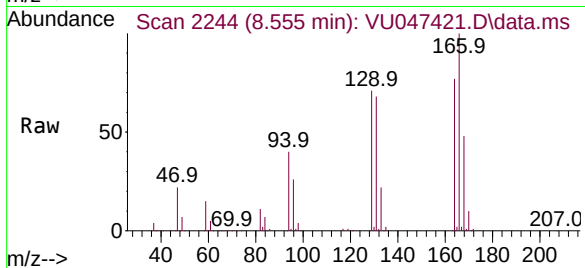
Ion Ratio Lower Upper

164 100

129 91.5 64.9 120.5

131 87.8 63.6 118.2

166 129.1 91.4 169.8



#49

Dibromochloromethane

Concen: 20.030 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047421.D

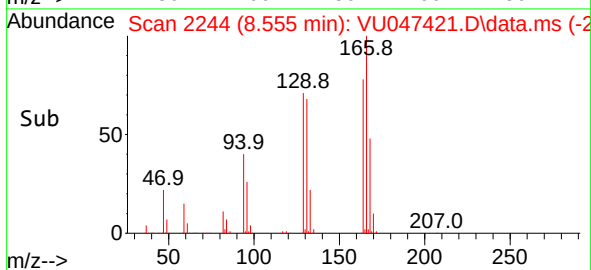
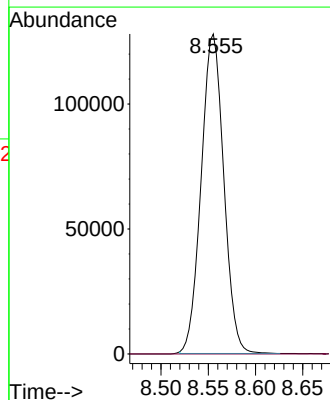
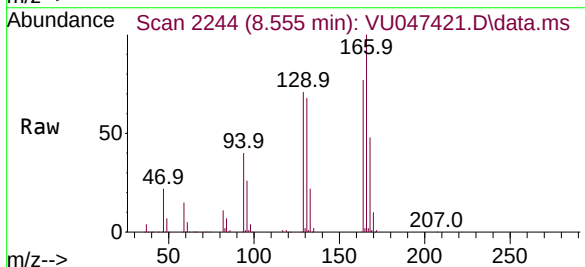
Acq: 09 Mar 2022 21:53

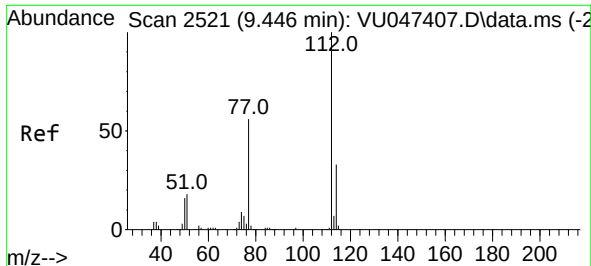
Tgt Ion:129 Resp: 212322

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#

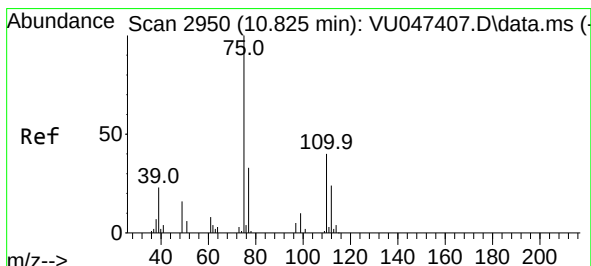
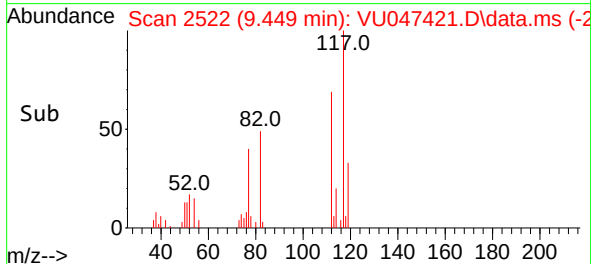
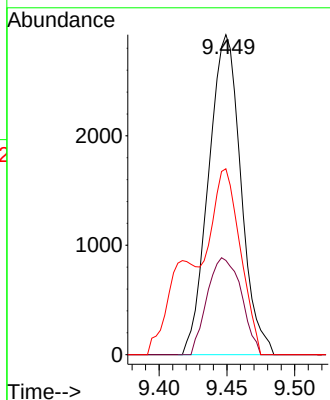
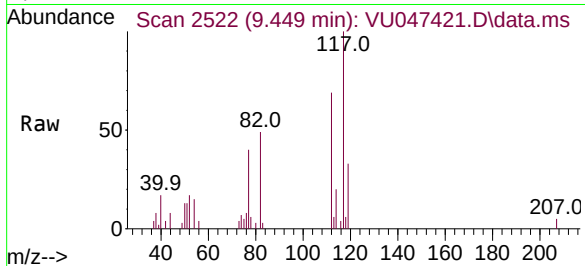




#51
Chlorobenzene
Concen: 0.156 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.004 min
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Tgt Ion:	112	Resp:	4854
Ion	Ratio	Lower	Upper
112	100		
114	29.4	22.8	42.4
77	58.1	45.0	67.6



#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047421.D
Acq: 09 Mar 2022 21:53

Tgt Ion:	75	Resp:	9042
Ion	Ratio	Lower	Upper
75	100		
110	2.7	31.0	46.4#
77	31.0	26.2	39.4

