

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047420.D
 Acq On : 09 Mar 2022 21:30
 Operator : SY/MD
 Sample : N1861-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATL8

Quant Time: Mar 10 01:08:08 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)

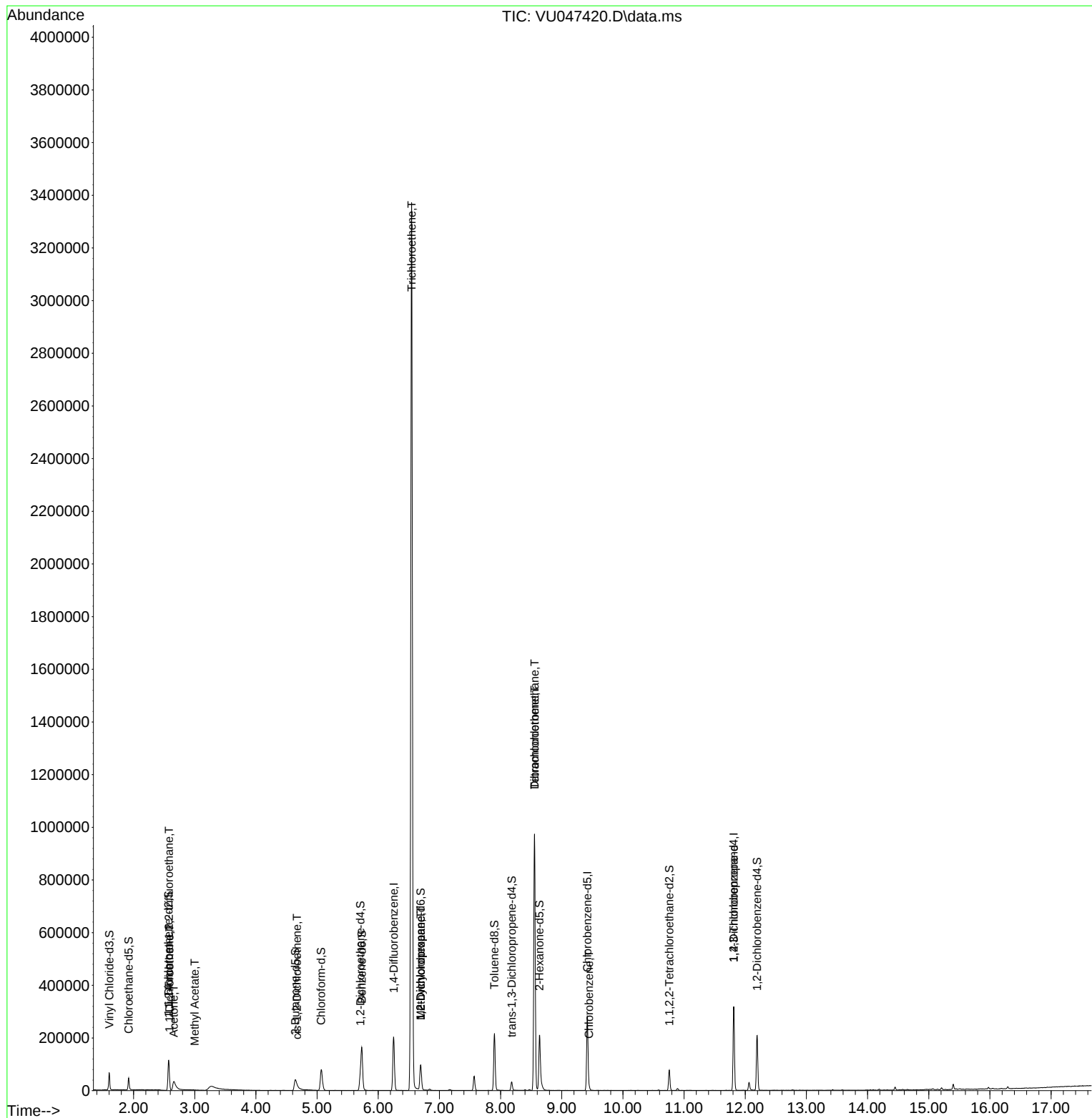
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	176352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45819	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.919	69	33732	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.572	65	20769	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.645	46	90574	53.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.380%
24) Chloroform-d	5.067	84	72514	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.706	65	38003	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	156168	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.694	67	46633	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.899	98	149964	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.182	79	19192	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.636	63	87398	50.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37813	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	58713	5.209	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	839	0.080	ug/L #	41
12) 1,1-Dichloroethene	2.588	96	2991	0.289	ug/L #	1
13) Acetone	2.658	43	86858	55.515	ug/L	94
15) Methyl Acetate	2.999	43	998	0.241	ug/L #	50
22) cis-1,2-Dichloroethene	4.671	96	1085	0.088	ug/L	94
34) Trichloroethene	6.546	95	1132770	94.131	ug/L	98
35) Methylcyclohexane	6.694	83	11050	0.582	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4984	0.445	ug/L #	88
47) Tetrachloroethene	8.555	164	229444	22.475	ug/L	98
49) Dibromochloromethane	8.555	129	210068	18.820	ug/L #	12
51) Chlorobenzene	9.446	112	4944	0.151	ug/L	95
61) 1,2,3-Trichloropropane	11.812	75	9222	1.120	ug/L #	67

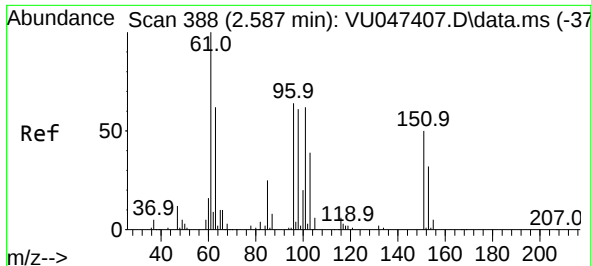
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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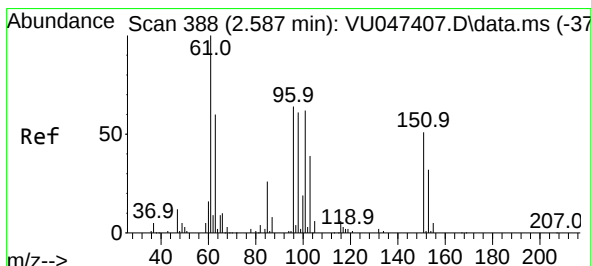
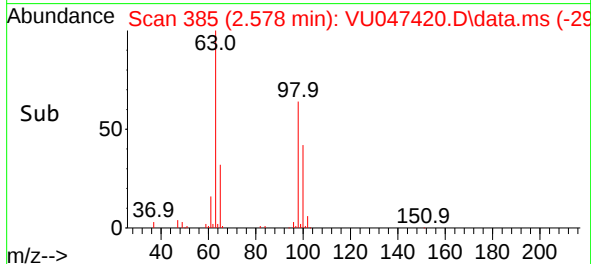
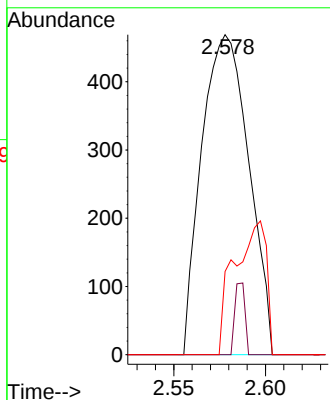
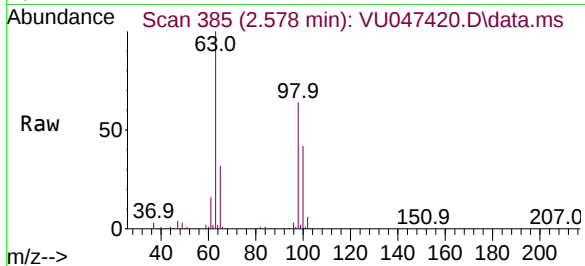




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.080 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU047420.D
 Acq: 09 Mar 2022 21:30

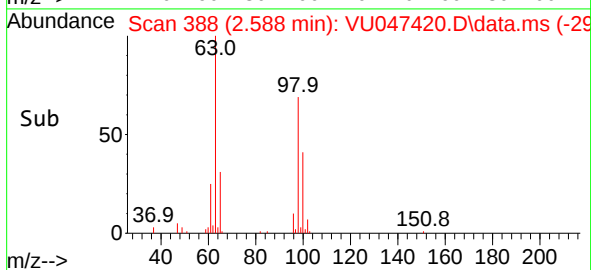
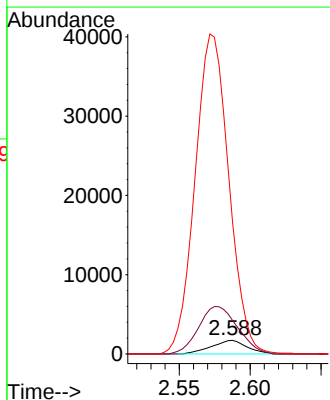
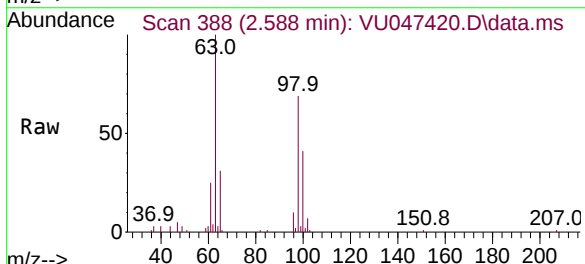
Instrument :
 MSVOA_U
 ClientSampleId :
 YATL8

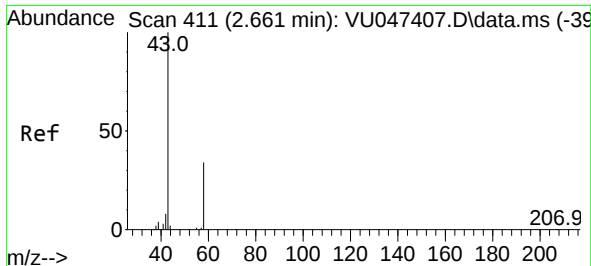
Tgt Ion:101 Resp: 839
 Ion Ratio Lower Upper
 101 100
 85 4.8 33.8 50.6#
 151 28.2 64.8 97.2#



#12
 1,1-Dichloroethene
 Concen: 0.289 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047420.D
 Acq: 09 Mar 2022 21:30

Tgt Ion: 96 Resp: 2991
 Ion Ratio Lower Upper
 96 100
 61 245.5 108.8 202.0#
 63 963.7 64.0 119.0#

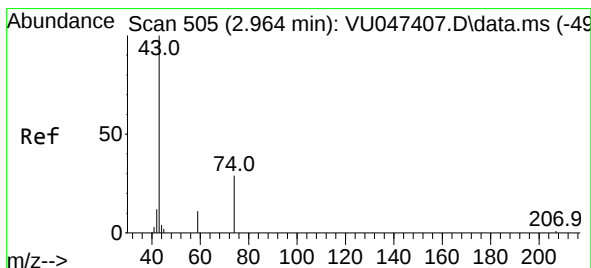
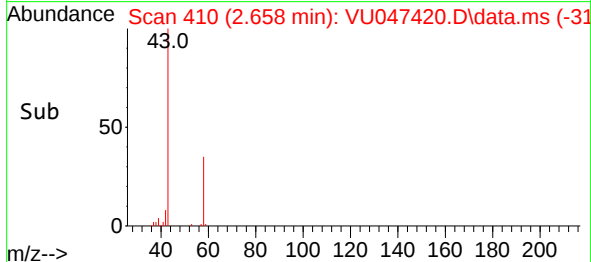
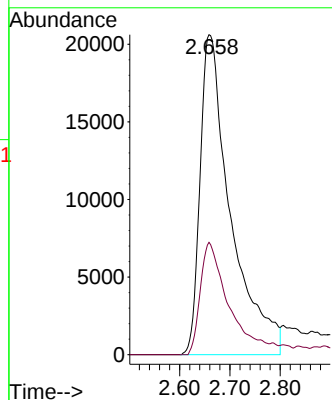
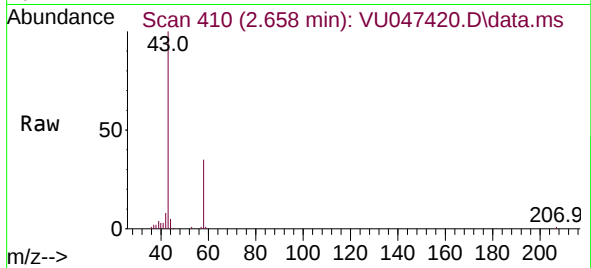




#13
Acetone
Concen: 55.515 ug/L
RT: 2.658 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU047420.D
Acq: 09 Mar 2022 21:30

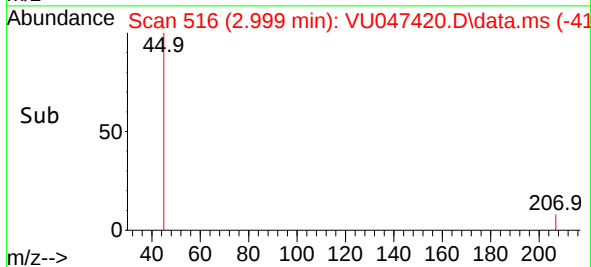
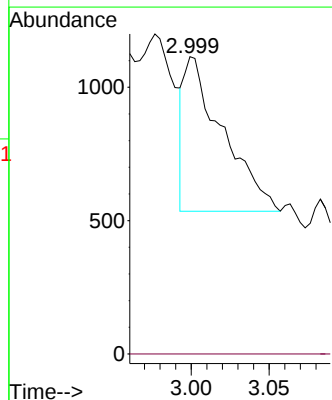
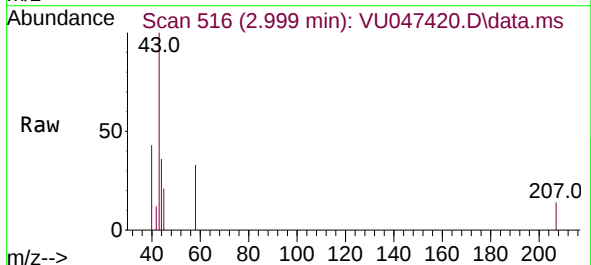
Instrument :
MSVOA_U
ClientSampleId :
YATL8

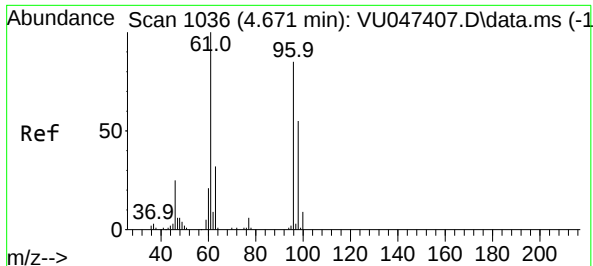
Tgt Ion: 43 Resp: 86858
Ion Ratio Lower Upper
43 100
58 32.5 0.0 72.6



#15
Methyl Acetate
Concen: 0.241 ug/L
RT: 2.999 min Scan# 516
Delta R.T. 0.036 min
Lab File: VU047420.D
Acq: 09 Mar 2022 21:30

Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#22

cis-1,2-Dichloroethene

Concen: 0.088 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047420.D

Acq: 09 Mar 2022 21:30

Instrument :

MSVOA_U

ClientSampleId :

YATL8

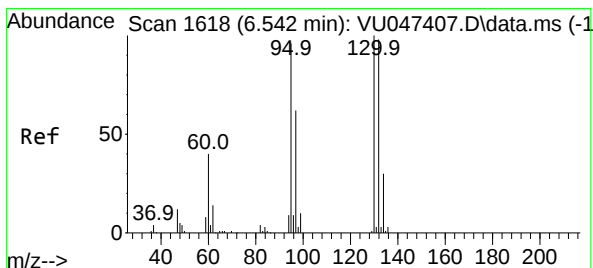
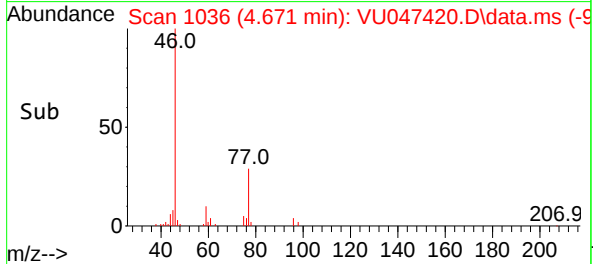
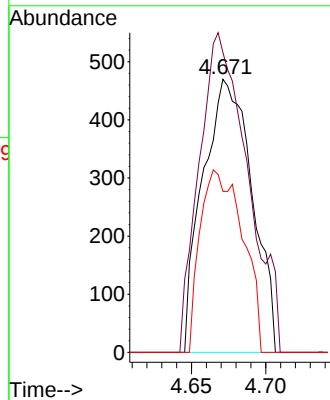
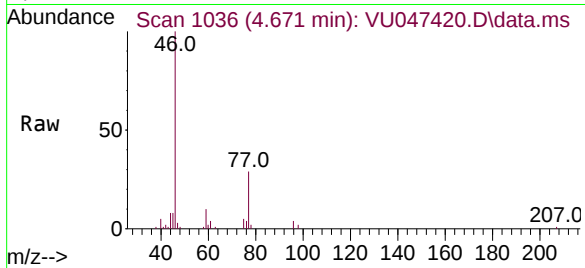
Tgt Ion: 96 Resp: 1085

Ion Ratio Lower Upper

96 100

61 109.8 80.8 150.0

98 58.9 44.7 83.1



#34

Trichloroethene

Concen: 94.131 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU047420.D

Acq: 09 Mar 2022 21:30

Tgt Ion: 95 Resp: 1132770

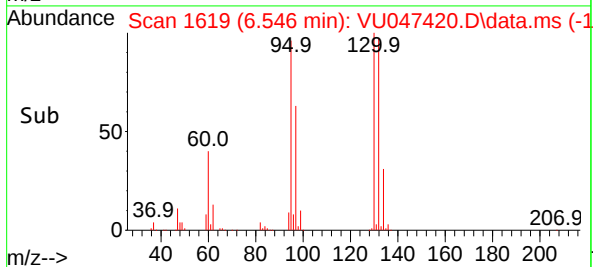
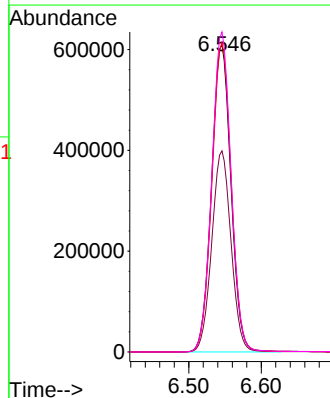
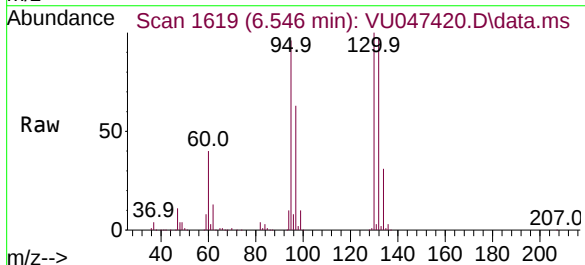
Ion Ratio Lower Upper

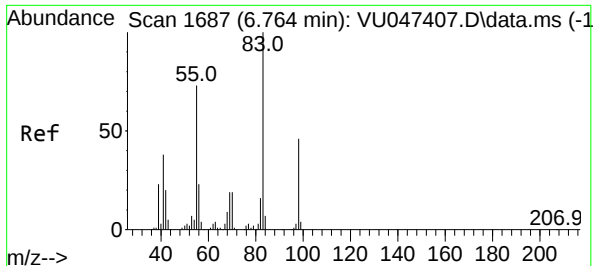
95 100

97 65.5 46.3 85.9

132 100.7 71.7 133.1

130 104.2 75.0 139.2





#35

Methylcyclohexane

Concen: 0.582 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU047420.D

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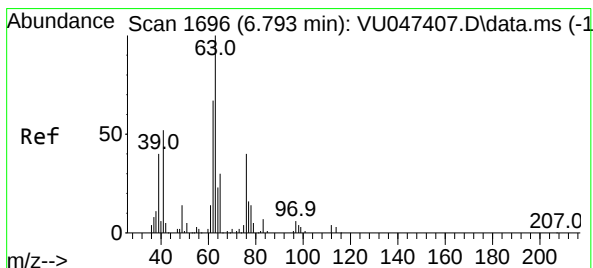
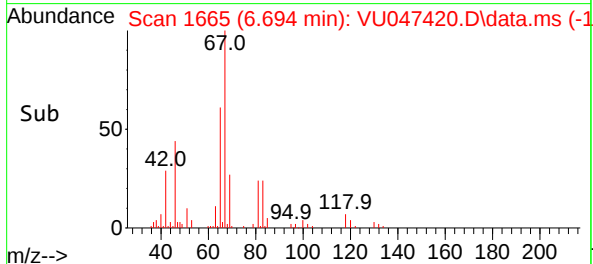
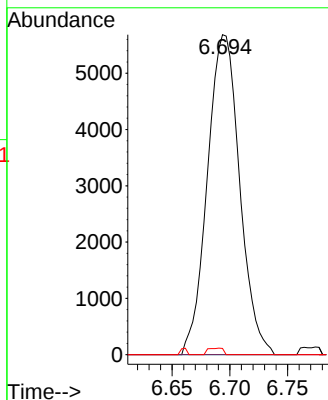
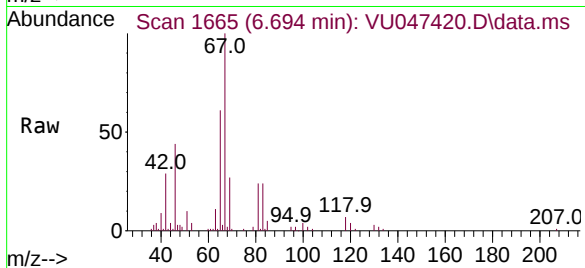
Tgt Ion: 83 Resp: 11050

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: 0.445 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047420.D

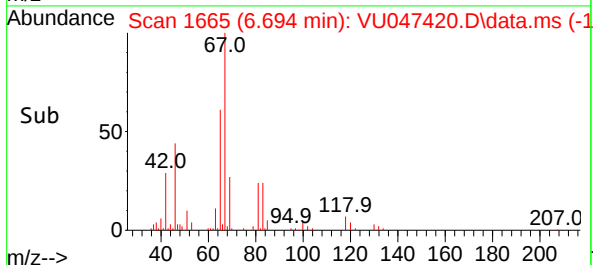
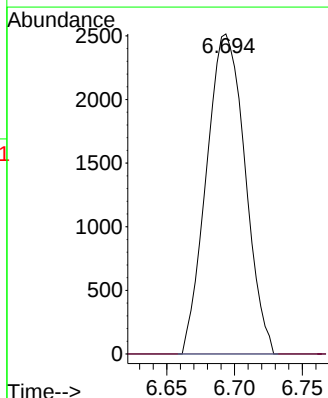
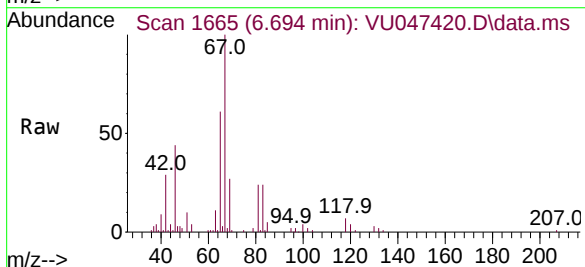
Acq: 09 Mar 2022 21:30

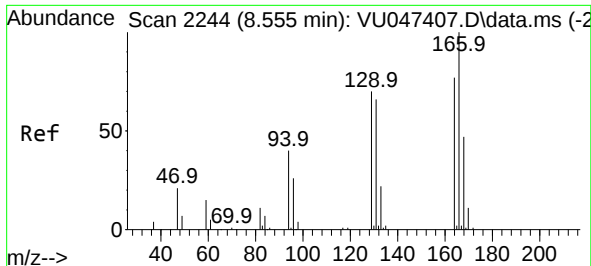
Tgt Ion: 63 Resp: 4984

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 22.475 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047420.D

Acq: 09 Mar 2022 21:30

Instrument :

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ClientSampleId :

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Tgt Ion:164 Resp: 229444

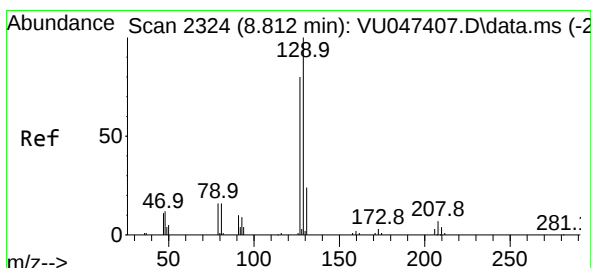
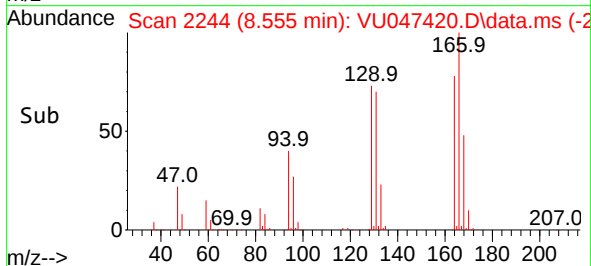
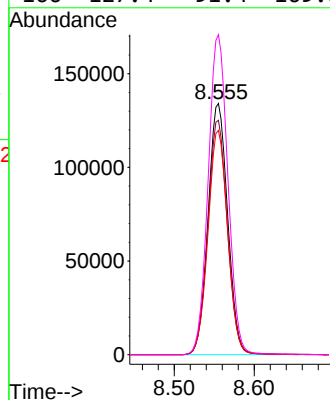
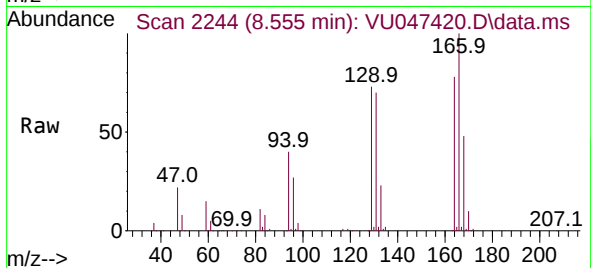
Ion Ratio Lower Upper

164 100

129 93.3 64.9 120.5

131 89.3 63.6 118.2

166 127.4 91.4 169.8



#49

Dibromochloromethane

Concen: 18.820 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047420.D

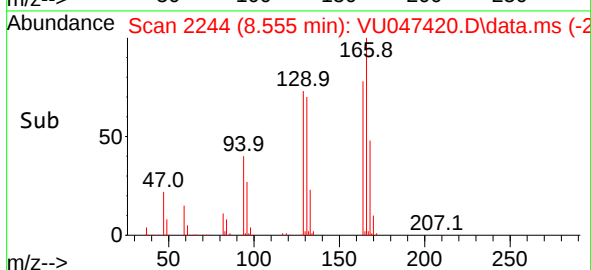
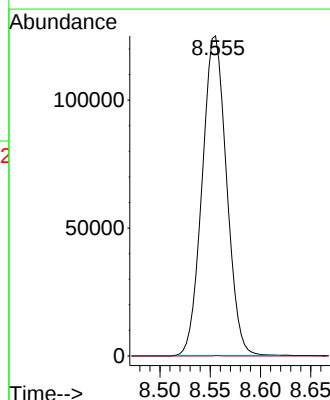
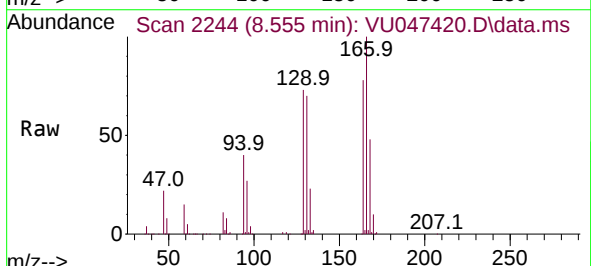
Acq: 09 Mar 2022 21:30

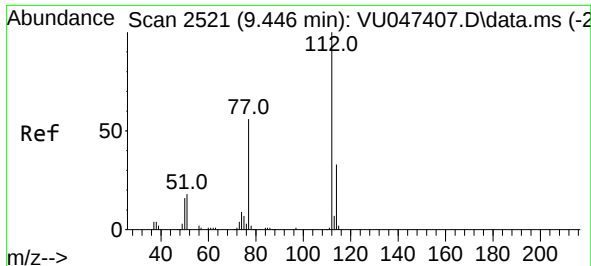
Tgt Ion:129 Resp: 210068

Ion Ratio Lower Upper

129 100

127 0.1 52.6 97.8#

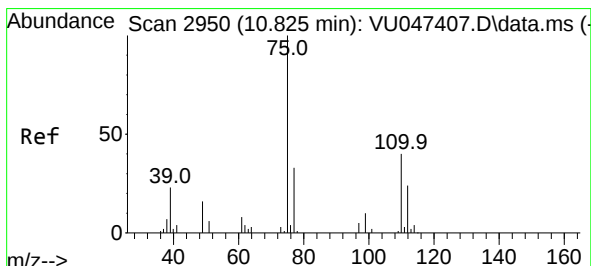
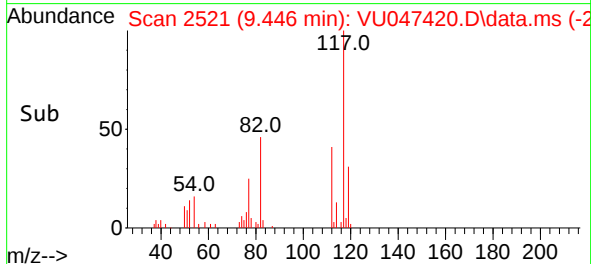
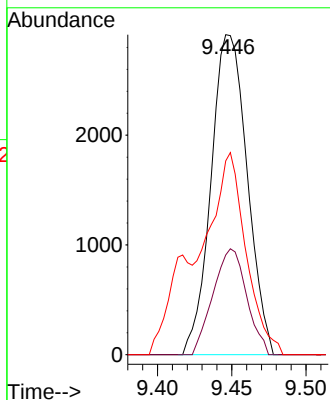
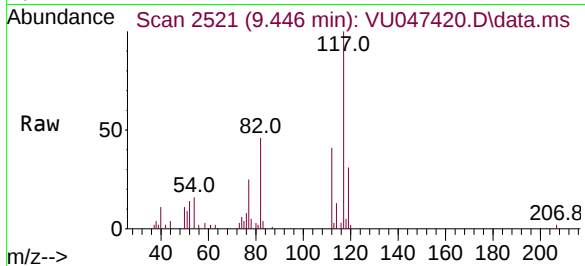




#51
Chlorobenzene
Concen: 0.151 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
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Acq: 09 Mar 2022 21:30

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Tgt Ion:	112	Resp:	4944
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.8	42.4
77	60.6	45.0	67.6



#61
1,2,3-Trichloropropane
Concen: 1.120 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047420.D
Acq: 09 Mar 2022 21:30

Tgt Ion:	75	Resp:	9222
Ion	Ratio	Lower	Upper
75	100		
110	2.2	31.0	46.4#
77	33.0	26.2	39.4

