

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047474.D
 Acq On : 10 Mar 2022 21:34
 Operator : SY/MD
 Sample : N1861-09RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATM1

Quant Time: Mar 11 00:58:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

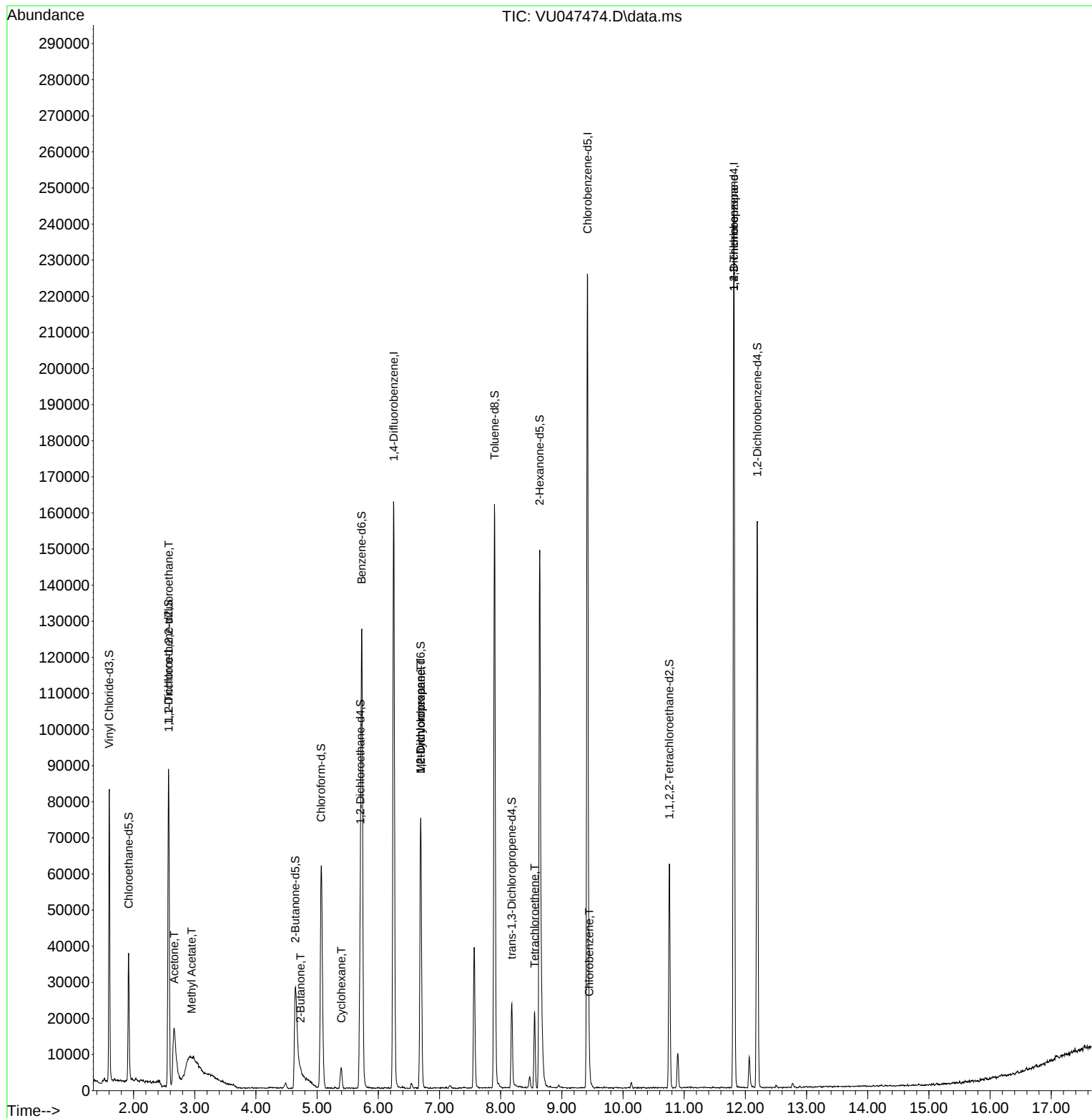
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139861	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	132661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34532	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.919	69	26876	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.572	65	15999	4.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.646	46	62211	46.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.120%
24) Chloroform-d	5.067	84	57826	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.707	65	30122	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.729	84	121150	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.694	67	36940	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.899	98	112824	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.182	79	14043	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.639	63	63491	45.985	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30504	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	44156	5.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	659	0.079	ug/L #	31
13) Acetone	2.665	43	40873	32.940	ug/L	100
15) Methyl Acetate	2.948	43	752	0.229	ug/L #	50
21) 2-Butanone	4.729	43	2772	1.241	ug/L	90
30) Cyclohexane	5.395	56	3118	0.236	ug/L	96
35) Methylcyclohexane	6.694	83	8431	0.558	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	3708	0.416	ug/L #	88
47) Tetrachloroethene	8.555	164	4552	0.560	ug/L	94
51) Chlorobenzene	9.449	112	2160	0.083	ug/L	92
61) 1,2,3-Trichloropropane	11.812	75	7372	1.146	ug/L #	67

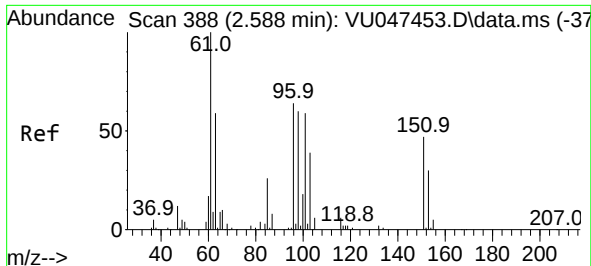
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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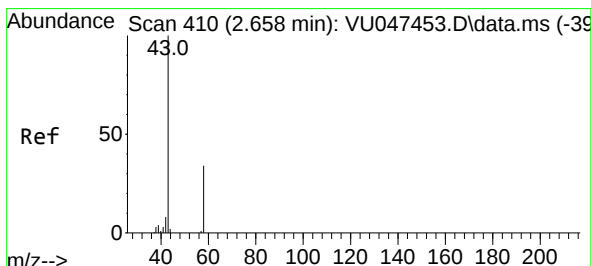
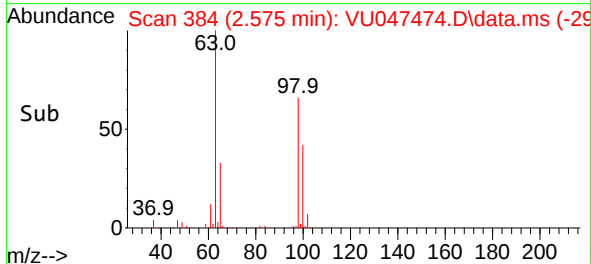
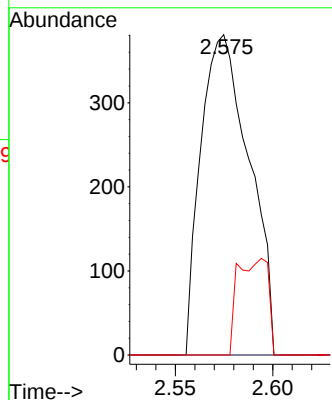
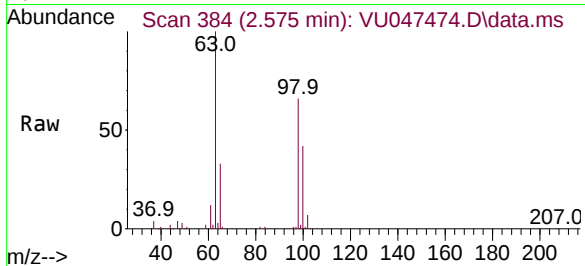




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.079 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

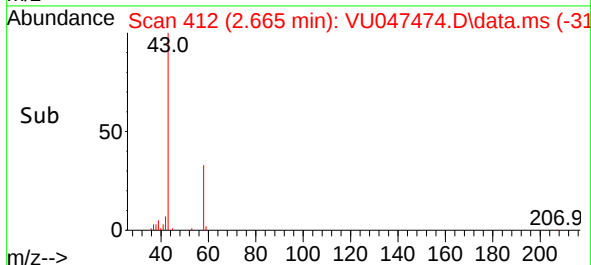
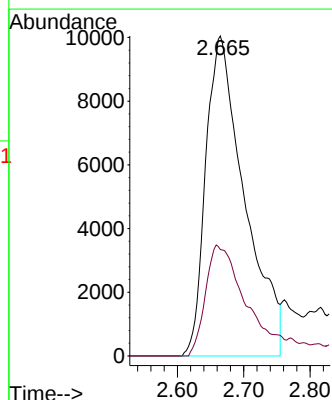
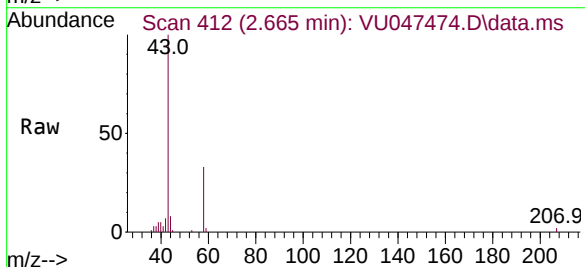
Instrument :
MSVOA_U
ClientSampleId :
YATM1

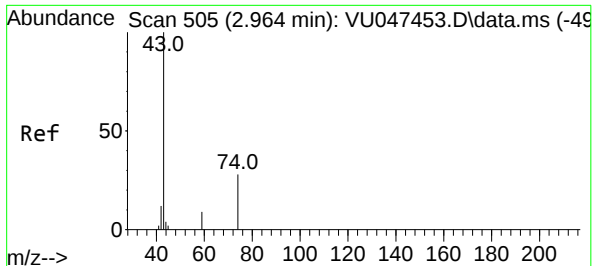
Tgt Ion:101 Resp: 659
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 18.8 64.8 97.2#



#13
Acetone
Concen: 32.940 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.007 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

Tgt Ion: 43 Resp: 40873
Ion Ratio Lower Upper
43 100
58 36.1 0.0 72.6

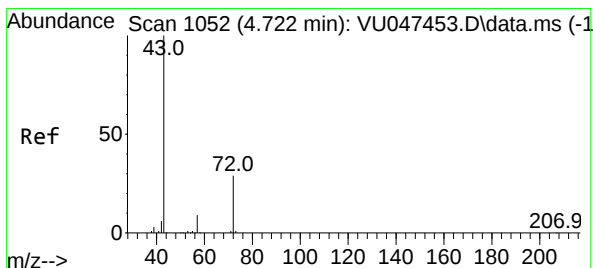
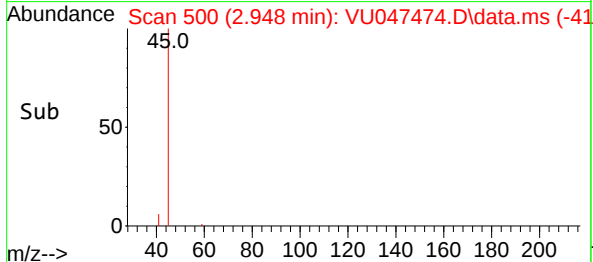
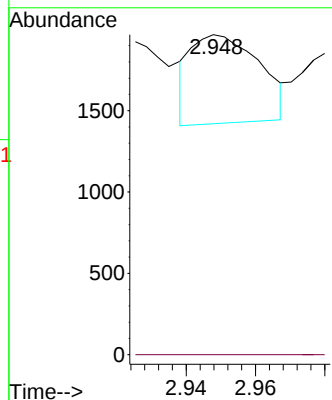
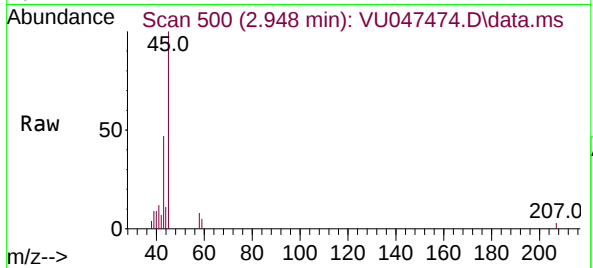




#15
Methyl Acetate
Concen: 0.229 ug/L
RT: 2.948 min Scan# 505
Delta R.T. -0.016 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

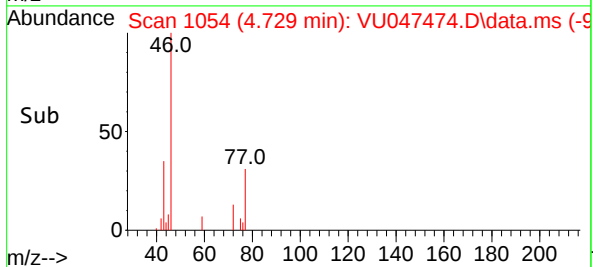
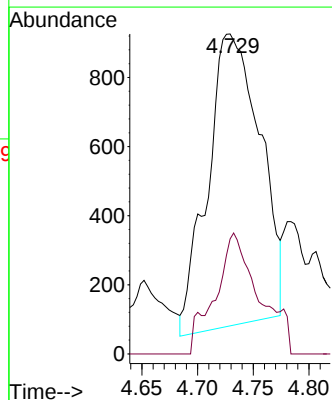
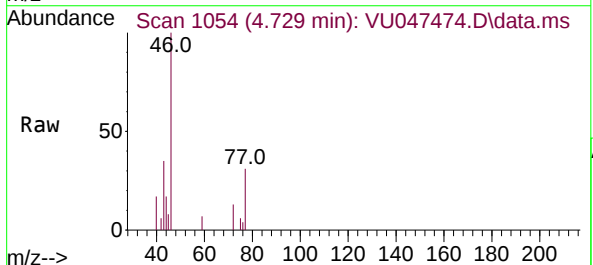
Instrument :
MSVOA_U
ClientSampleId :
YATM1

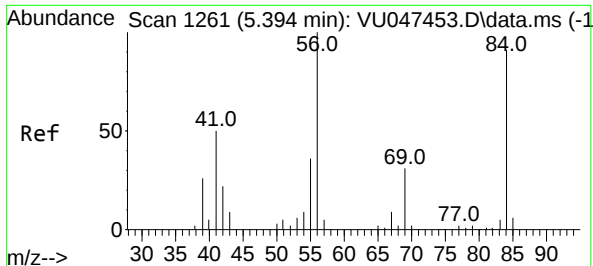
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 1.241 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
72 34.6 14.7 44.1

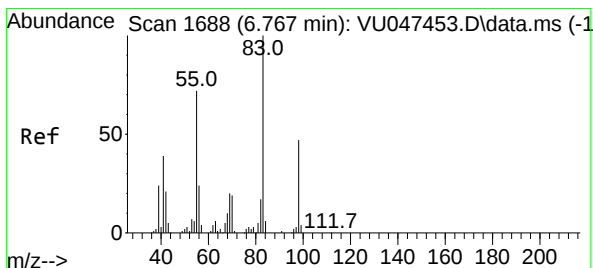
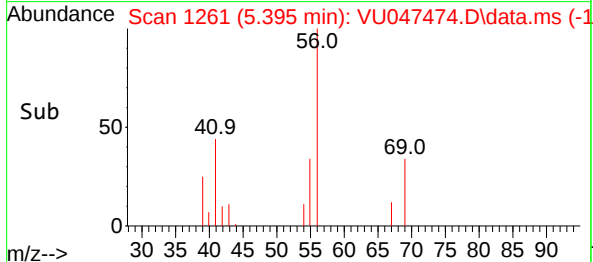
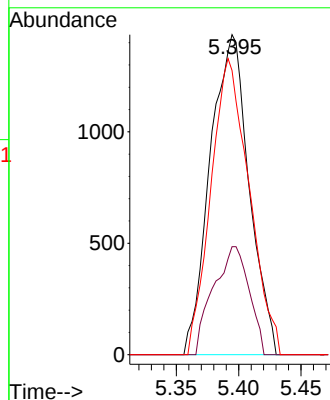
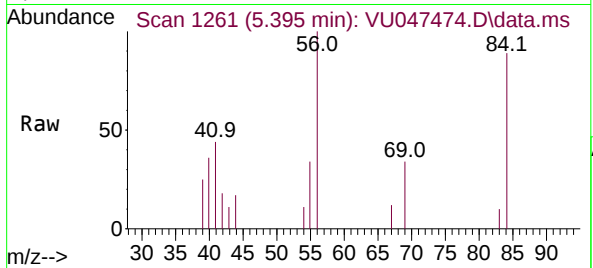




#30
Cyclohexane
Concen: 0.236 ug/L
RT: 5.395 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

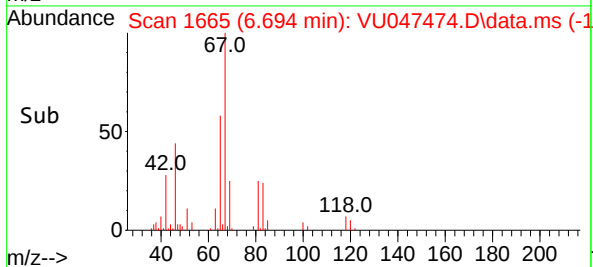
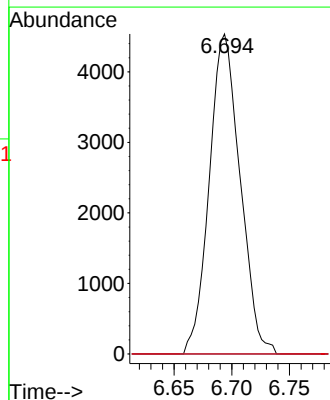
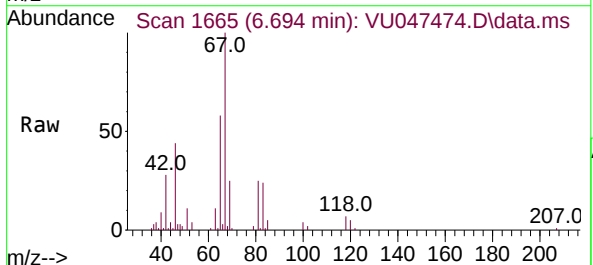
Instrument :
MSVOA_U
ClientSampleId :
YATM1

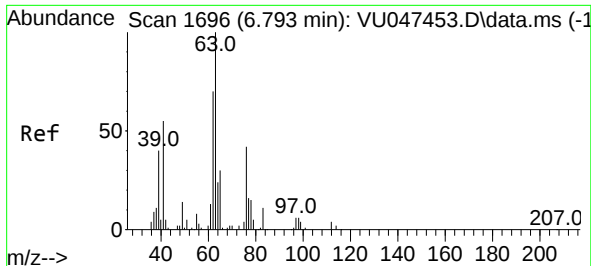
Tgt Ion:	56	Resp:	3118
Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.0	39.0
84	90.8	76.3	114.5



#35
Methylcyclohexane
Concen: 0.558 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

Tgt Ion:	83	Resp:	8431
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: 0.416 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU047474.D

Acq: 10 Mar 2022 21:34

Instrument :

MSVOA_U

ClientSampleId :

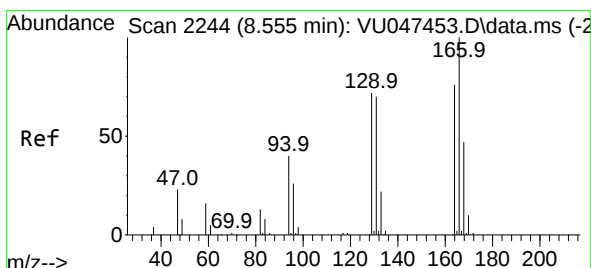
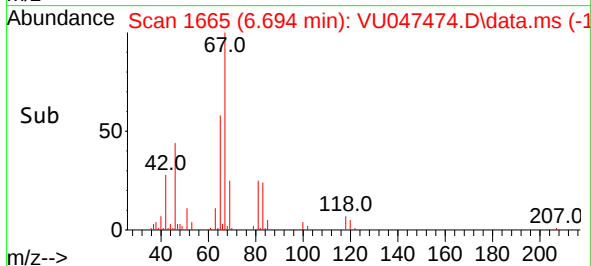
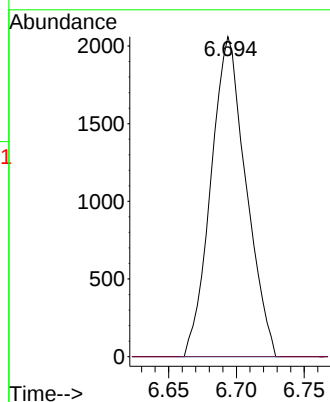
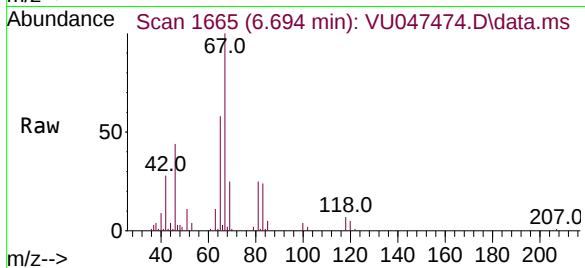
YATM1

Tgt Ion: 63 Resp: 3708

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.560 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047474.D

Acq: 10 Mar 2022 21:34

Tgt Ion: 164 Resp: 4552

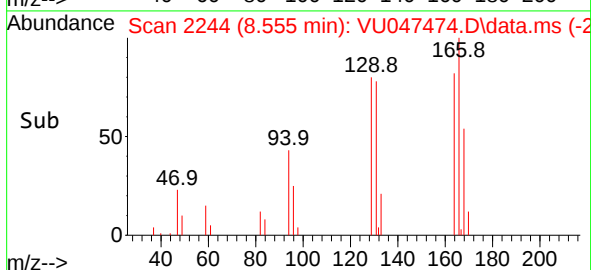
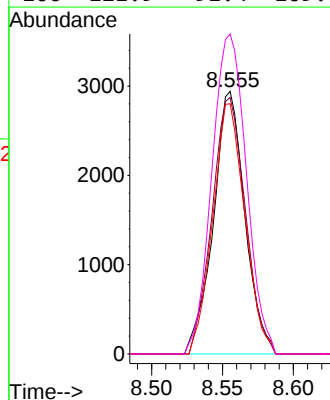
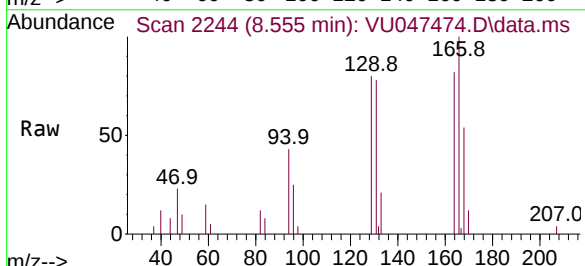
Ion Ratio Lower Upper

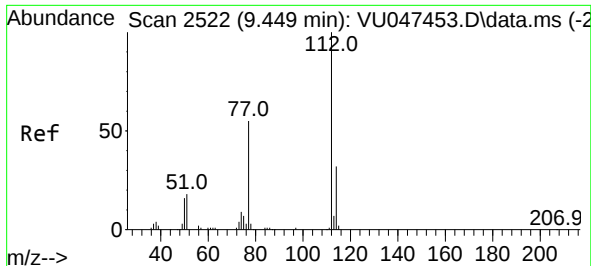
164 100

129 97.7 64.9 120.5

131 95.3 63.6 118.2

166 121.9 91.4 169.8

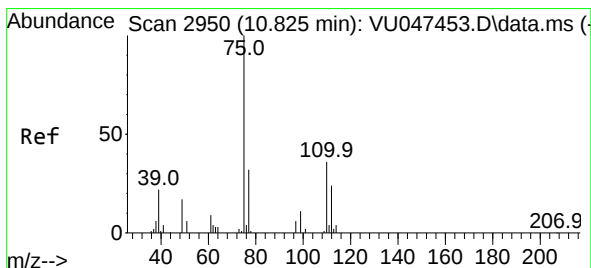
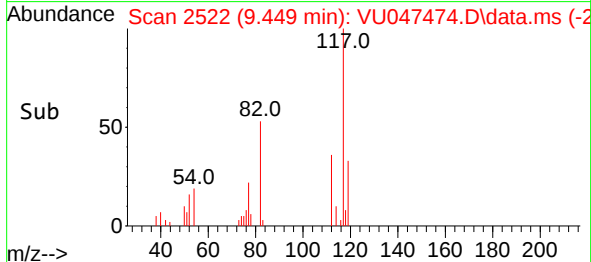
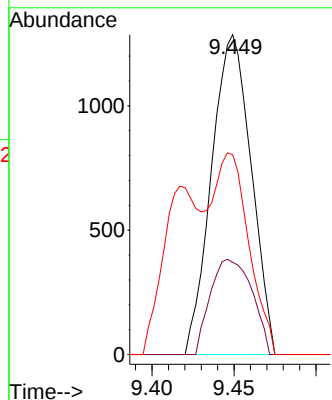
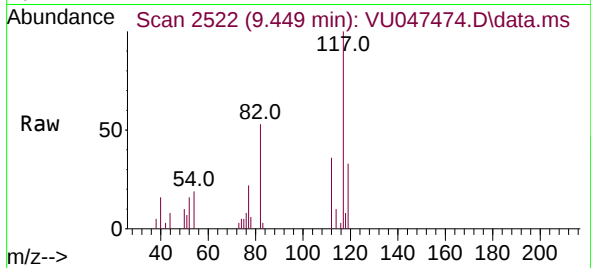




#51
Chlorobenzene
Concen: 0.083 ug/L
RT: 9.449 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

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Tgt Ion:	112	Resp:	2160
Ion	Ratio	Lower	Upper
112	100		
114	28.8	22.8	42.4
77	62.5	45.0	67.6



#61
1,2,3-Trichloropropane
Concen: 1.146 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047474.D
Acq: 10 Mar 2022 21:34

Tgt Ion:	75	Resp:	7372
Ion	Ratio	Lower	Upper
75	100		
110	1.7	31.0	46.4#
77	32.5	26.2	39.4

