

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047422.D
 Acq On : 09 Mar 2022 22:17
 Operator : SY/MD
 Sample : N1861-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATMO

Quant Time: Mar 10 01:08:35 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)

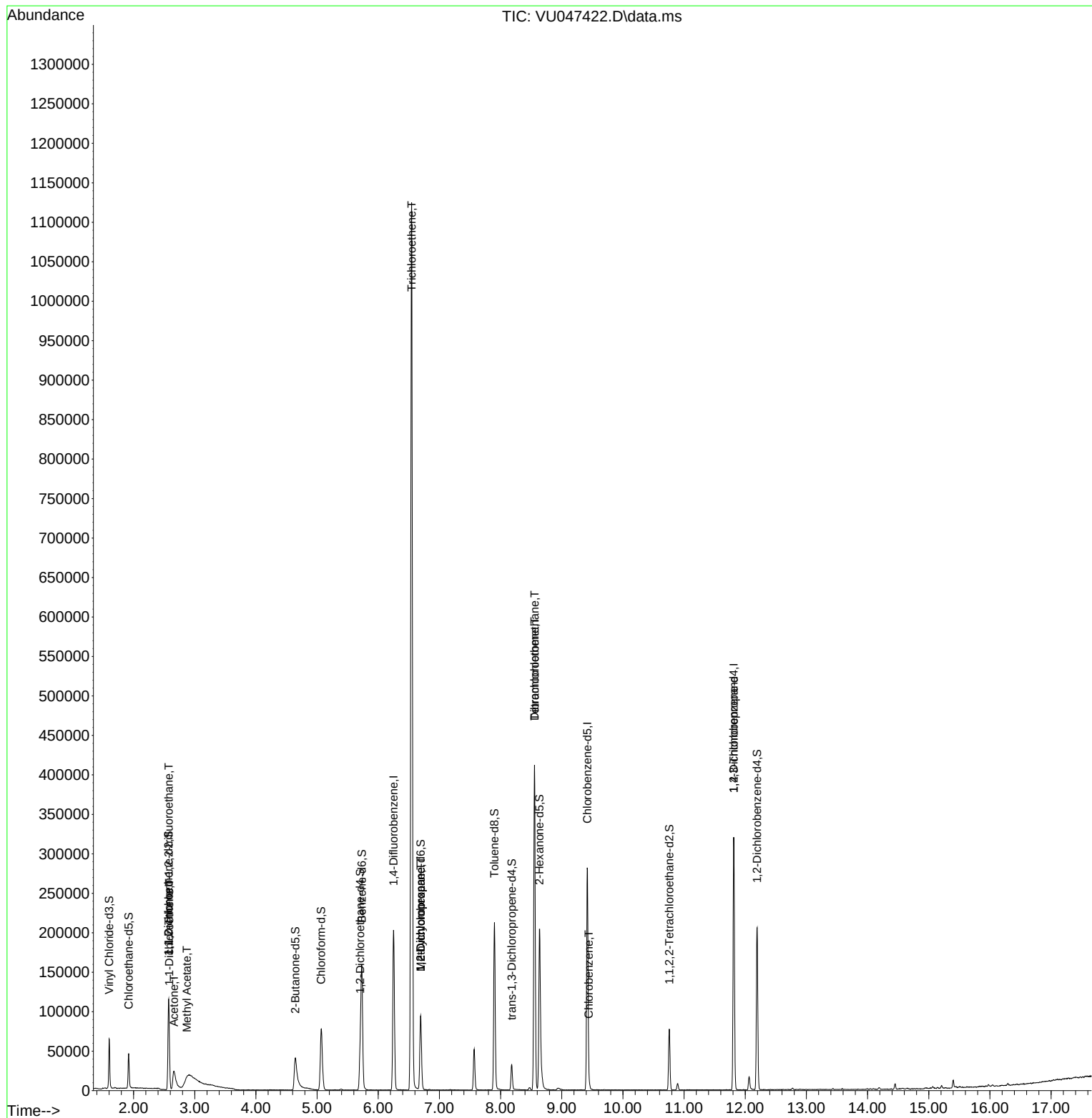
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	174687	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	167265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	45062	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.919	69	33509	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.571	65	19950	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.645	46	89865	53.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.560%
24) Chloroform-d	5.066	84	71269	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.703	65	37866	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.732	84	153512	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.693	67	45638	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	145460	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	18424	4.662	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.635	63	85943	49.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38654	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	57494	5.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1087	0.104	ug/L #	45
12) 1,1-Dichloroethene	2.584	96	4648	0.453	ug/L #	1
13) Acetone	2.661	43	60785	39.221	ug/L	94
15) Methyl Acetate	2.870	43	2550	0.623	ug/L #	50
34) Trichloroethene	6.545	95	378287	31.326	ug/L	100
35) Methylcyclohexane	6.693	83	10562	0.554	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	4851	0.431	ug/L #	88
47) Tetrachloroethene	8.555	164	94851	9.259	ug/L	100
49) Dibromochloromethane	8.555	129	88439	7.896	ug/L #	12
51) Chlorobenzene	9.442	112	2614	0.080	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	9465	1.128	ug/L #	67

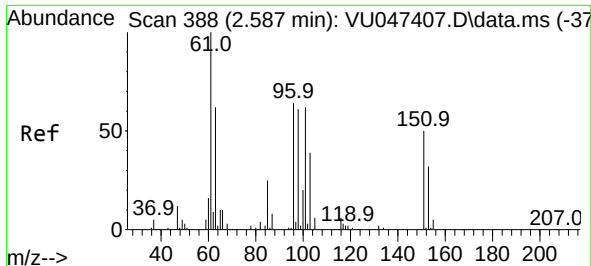
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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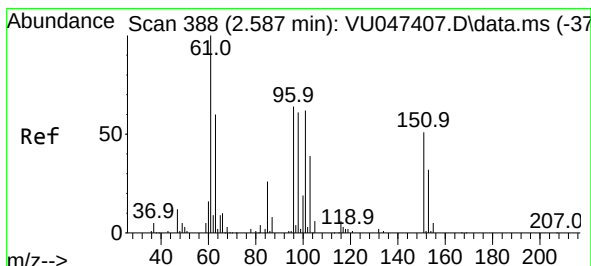
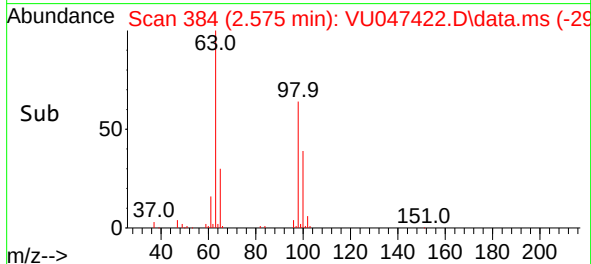
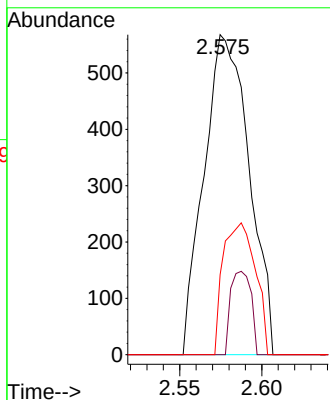
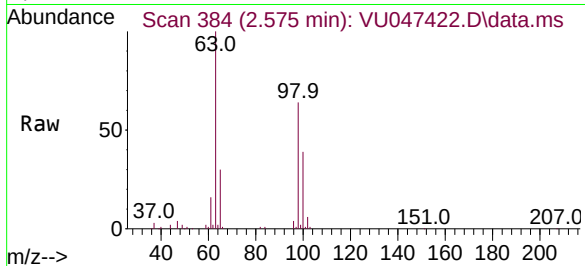




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.104 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047422.D
 Acq: 09 Mar 2022 22:17

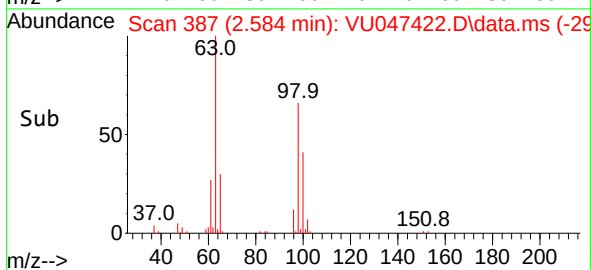
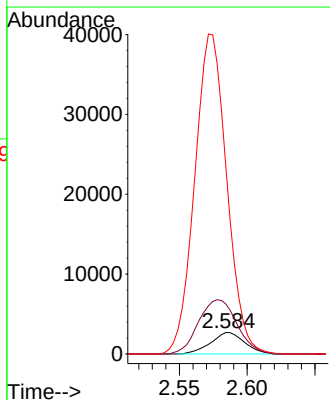
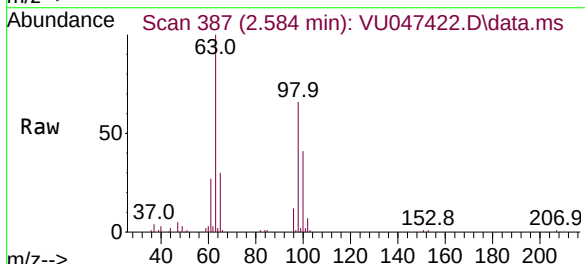
Instrument :
 MSVOA_U
 ClientSampleId :
 YATM0

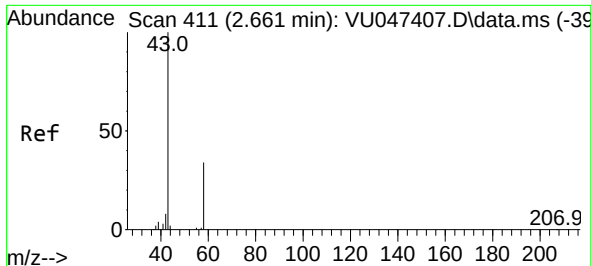
Tgt Ion:101 Resp: 1087
 Ion Ratio Lower Upper
 101 100
 85 11.7 33.8 50.6#
 151 29.3 64.8 97.2#



#12
 1,1-Dichloroethene
 Concen: 0.453 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047422.D
 Acq: 09 Mar 2022 22:17

Tgt Ion: 96 Resp: 4648
 Ion Ratio Lower Upper
 96 100
 61 232.5 108.8 202.0#
 63 869.3 64.0 119.0#

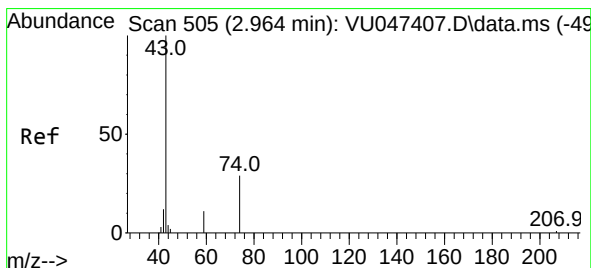
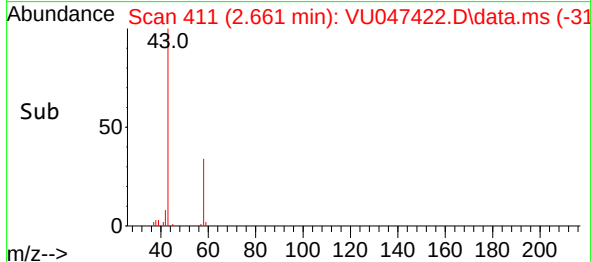
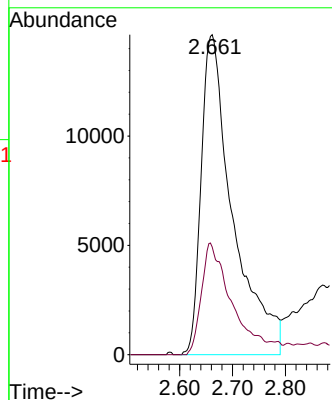
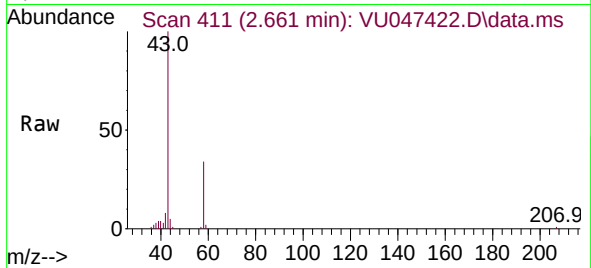




#13
Acetone
Concen: 39.221 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU047422.D
Acq: 09 Mar 2022 22:17

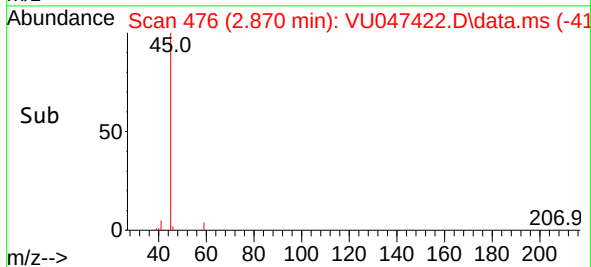
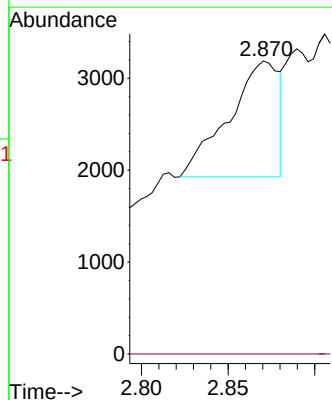
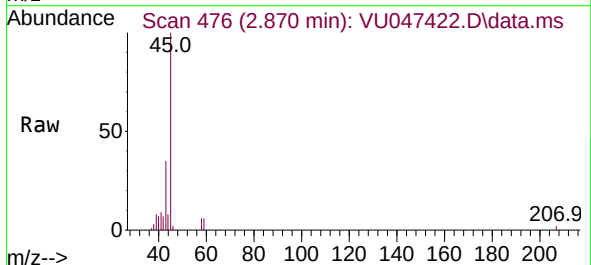
Instrument :
MSVOA_U
ClientSampleId :
YATM0

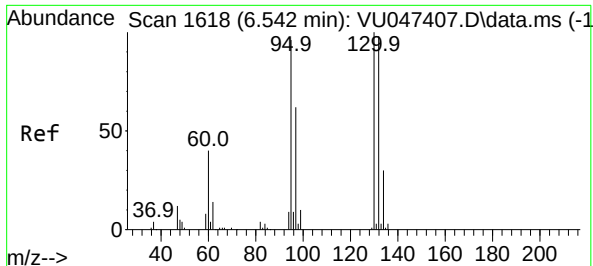
Tgt Ion: 43 Resp: 60785
Ion Ratio Lower Upper
43 100
58 32.9 0.0 72.6



#15
Methyl Acetate
Concen: 0.623 ug/L
RT: 2.870 min Scan# 476
Delta R.T. -0.093 min
Lab File: VU047422.D
Acq: 09 Mar 2022 22:17

Tgt Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

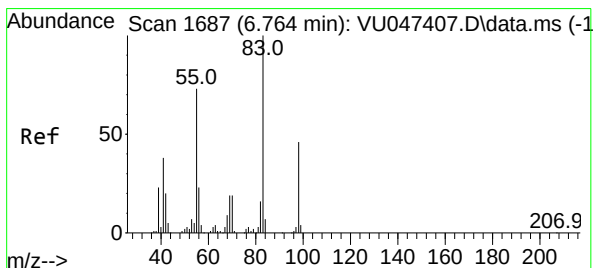
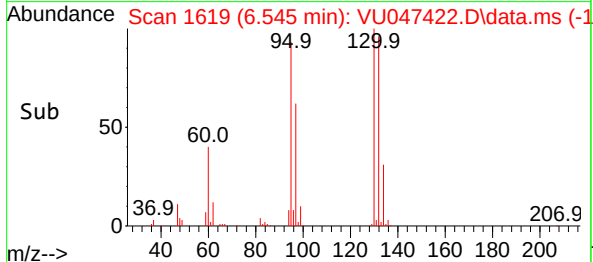
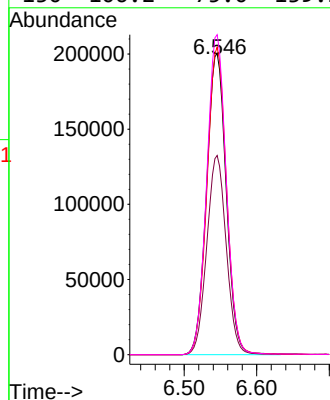
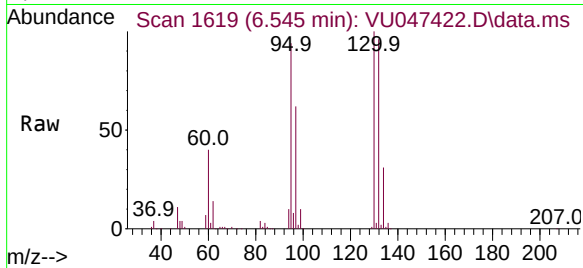




#34
Trichloroethene
Concen: 31.326 ug/L
RT: 6.545 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047422.D
Acq: 09 Mar 2022 22:17

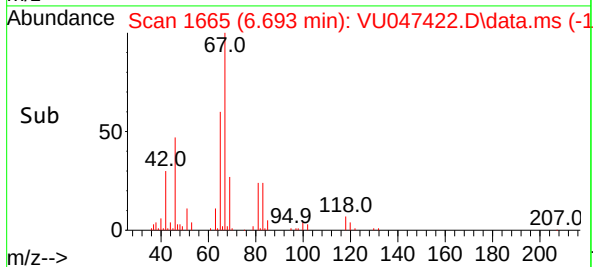
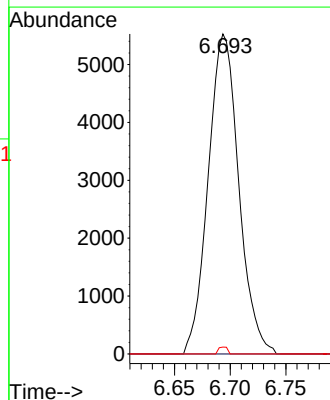
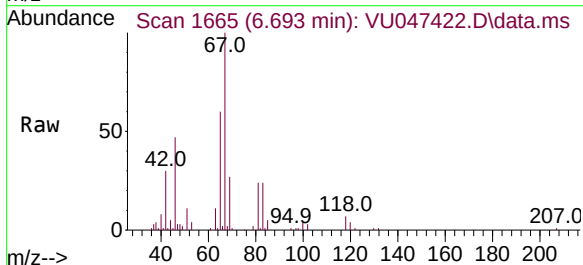
Instrument :
MSVOA_U
ClientSampleId :
YATM0

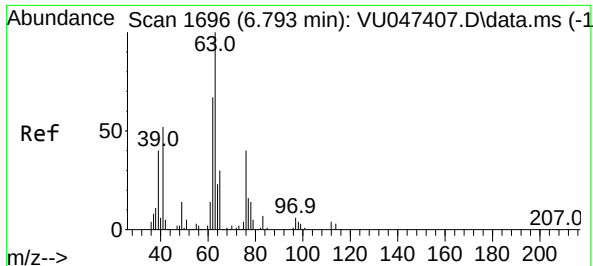
Tgt Ion: 95 Resp: 378287
Ion Ratio Lower Upper
95 100
97 66.1 46.3 85.9
132 102.1 71.7 133.1
130 106.2 75.0 139.2



#35
Methylcyclohexane
Concen: 0.554 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU047422.D
Acq: 09 Mar 2022 22:17

Tgt Ion: 83 Resp: 10562
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: 0.431 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047422.D

Acq: 09 Mar 2022 22:17

Instrument :

MSVOA_U

ClientSampleId :

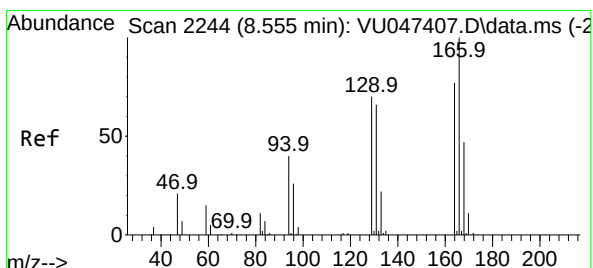
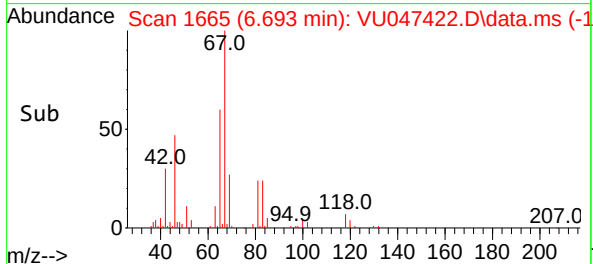
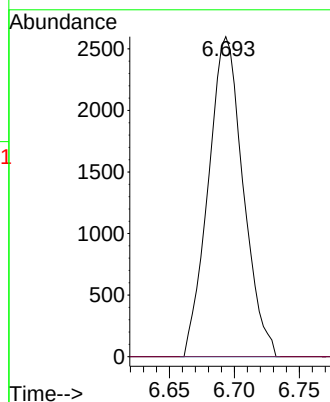
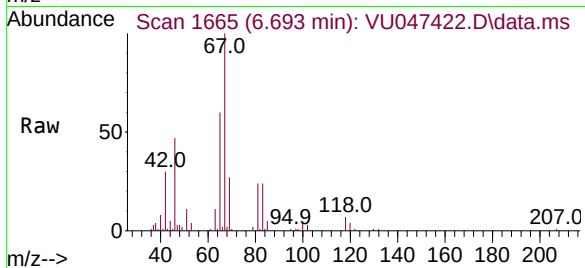
YATM0

Tgt Ion: 63 Resp: 4851

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 9.259 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047422.D

Acq: 09 Mar 2022 22:17

Tgt Ion:164 Resp: 94851

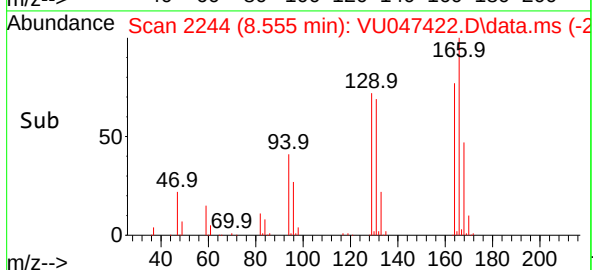
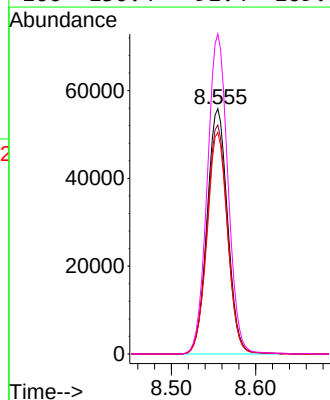
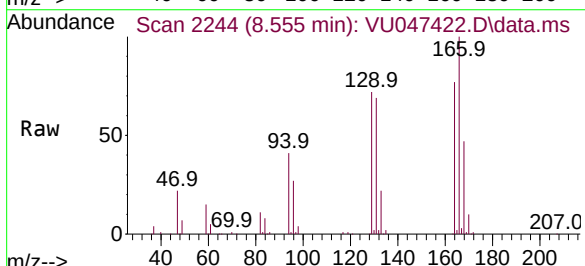
Ion Ratio Lower Upper

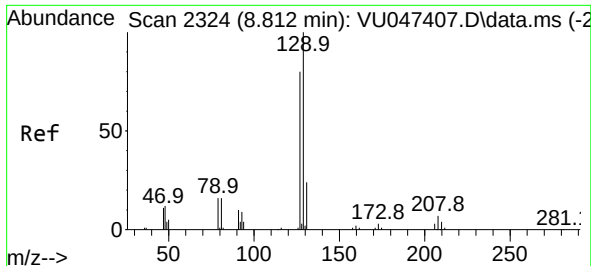
164 100

129 93.3 64.9 120.5

131 90.3 63.6 118.2

166 130.4 91.4 169.8

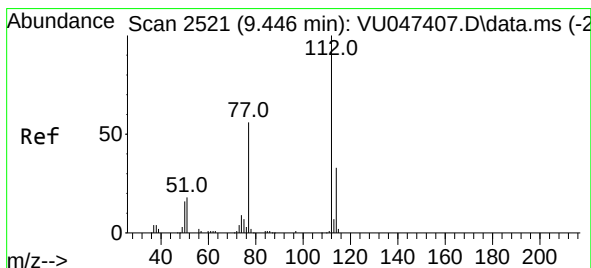
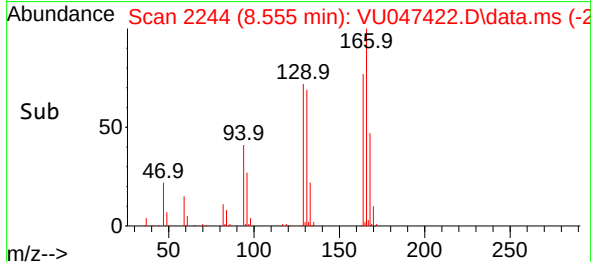
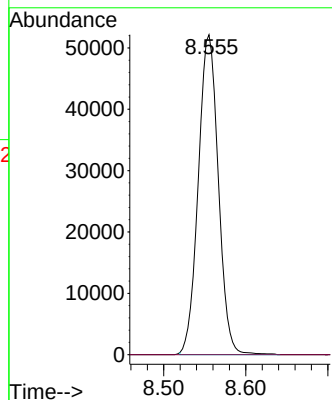
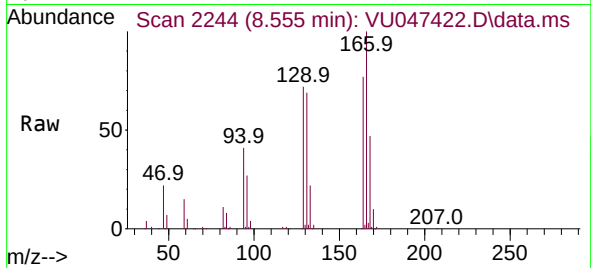




#49
Dibromochloromethane
Concen: 7.896 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047422.D
Acq: 09 Mar 2022 22:17

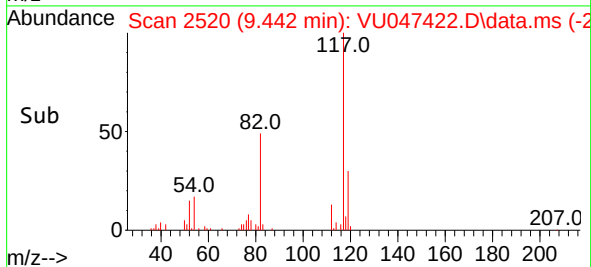
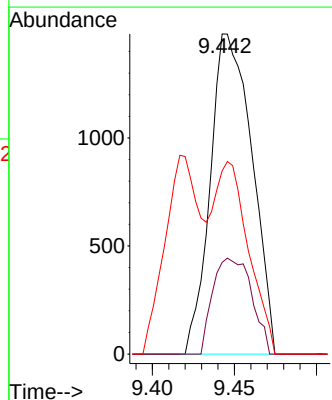
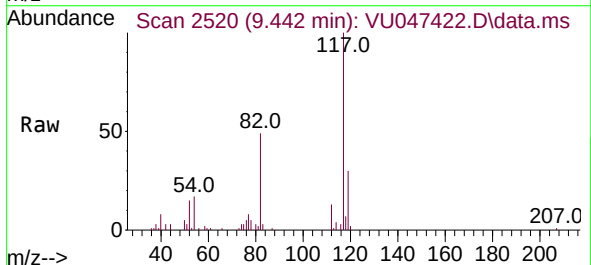
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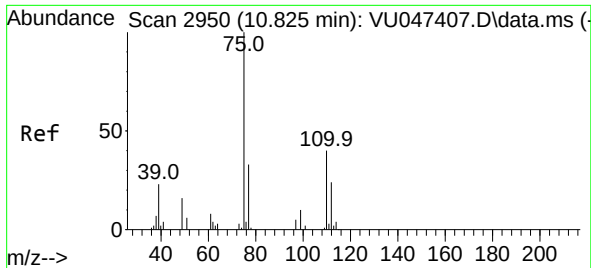
Tgt Ion:129 Resp: 88439
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#



#51
Chlorobenzene
Concen: 0.080 ug/L
RT: 9.442 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU047422.D
Acq: 09 Mar 2022 22:17

Tgt Ion:112 Resp: 2614
Ion Ratio Lower Upper
112 100
114 28.6 22.8 42.4
77 57.2 45.0 67.6





#61

1,2,3-Trichloropropane

Concen: 1.128 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047422.D

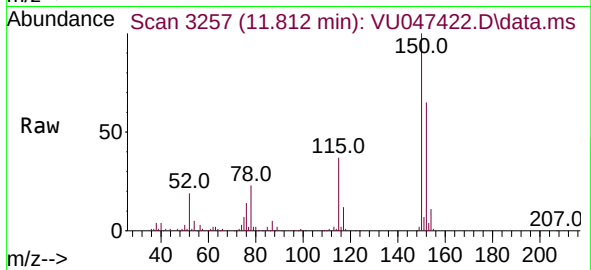
Acq: 09 Mar 2022 22:17

Instrument :

MSVOA_U

ClientSampleId :

YATM0



Tgt Ion: 75 Resp: 9465

Ion Ratio Lower Upper

75 100

110 1.8 31.0 46.4#

77 33.4 26.2 39.4

