

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047419.D
 Acq On : 09 Mar 2022 21:06
 Operator : SY/MD
 Sample : N1861-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATL7

Quant Time: Mar 10 01:07:55 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)

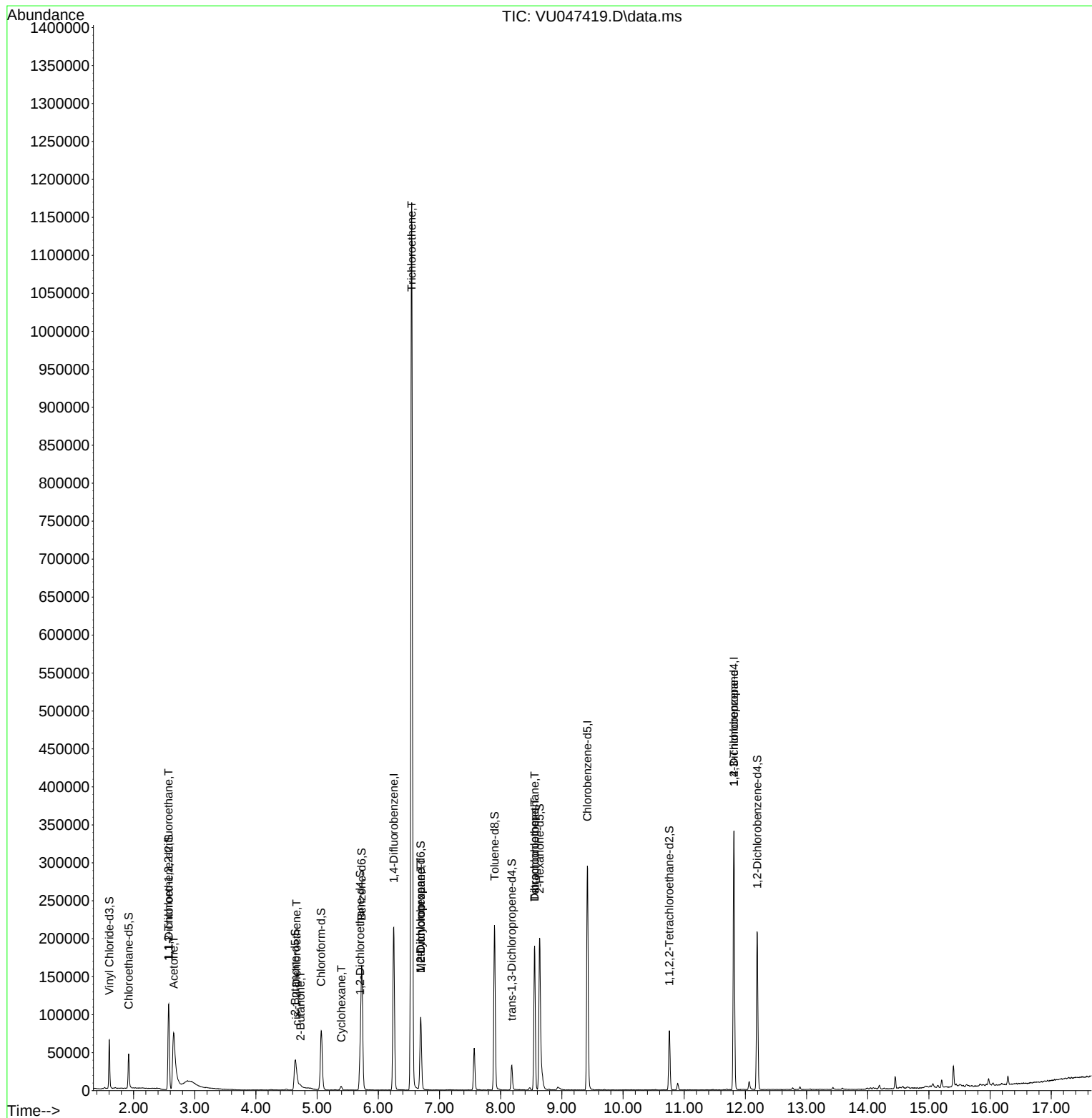
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	184491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	174773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45760	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.919	69	34597	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.575	65	20858	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.642	46	83994	47.149	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.300%
24) Chloroform-d	5.067	84	73007	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.703	65	38124	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.729	84	158041	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.694	67	46910	4.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.899	98	150550	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.182	79	18749	4.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.636	63	87205	47.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38722	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	57918	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	754	0.068	ug/L #	17
13) Acetone	2.655	43	182176	111.301	ug/L	94
21) 2-Butanone	4.729	43	4393	1.490	ug/L #	63
22) cis-1,2-Dichloroethene	4.665	96	765	0.060	ug/L	88
30) Cyclohexane	5.395	56	2711	0.156	ug/L	87
34) Trichloroethene	6.546	95	392331	31.093	ug/L	98
35) Methylcyclohexane	6.694	83	11100	0.558	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4912	0.418	ug/L #	88
47) Tetrachloroethene	8.555	164	43973	4.108	ug/L	99
49) Dibromochloromethane	8.555	129	40409	3.453	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	9992	1.134	ug/L #	67

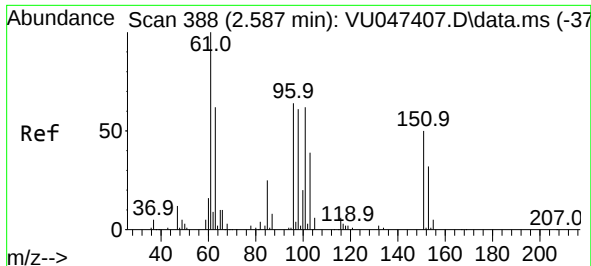
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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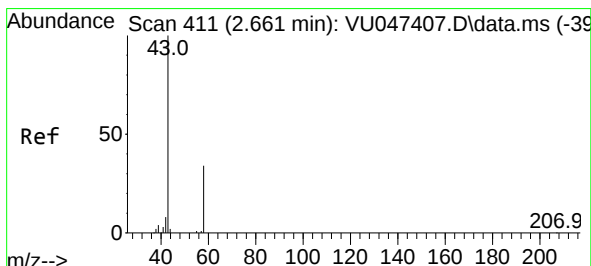
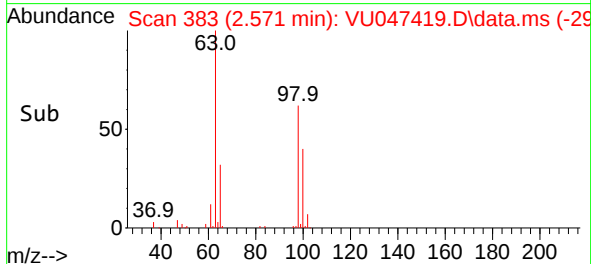
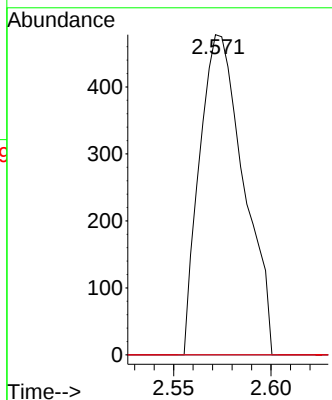
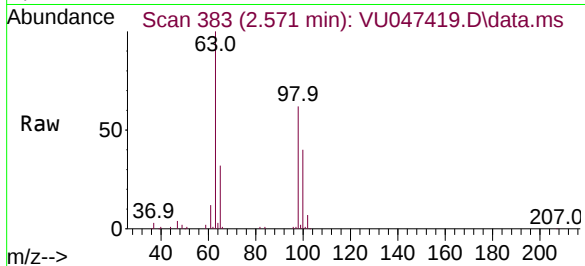




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.571 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU047419.D
Acq: 09 Mar 2022 21:06

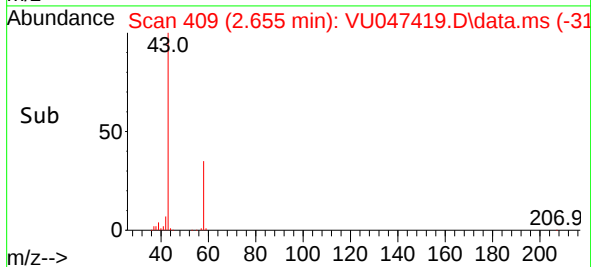
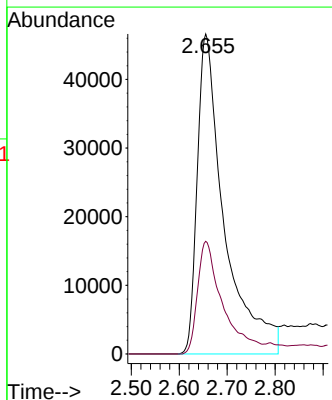
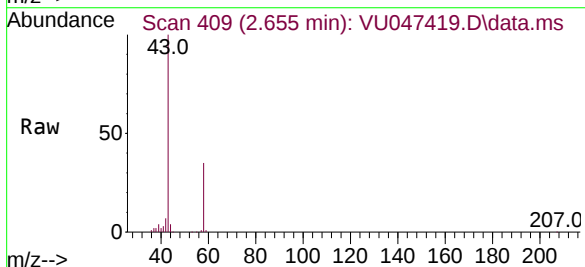
Instrument :
MSVOA_U
ClientSampleId :
YATL7

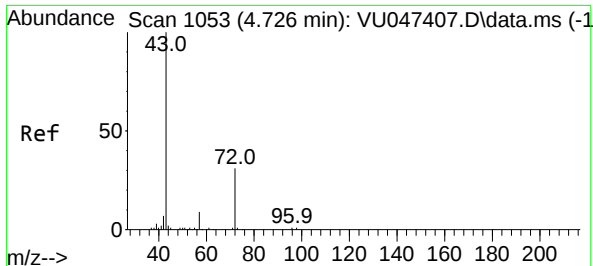
Tgt Ion:101 Resp: 754
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#13
Acetone
Concen: 111.301 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.006 min
Lab File: VU047419.D
Acq: 09 Mar 2022 21:06

Tgt Ion: 43 Resp: 182176
Ion Ratio Lower Upper
43 100
58 33.1 0.0 72.6





#21

2-Butanone

Concen: 1.490 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VU047419.D

Acq: 09 Mar 2022 21:06

Instrument :

MSVOA_U

ClientSampleId :

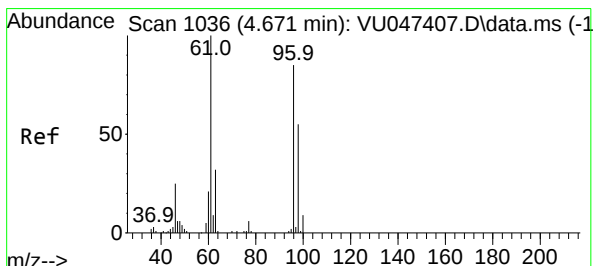
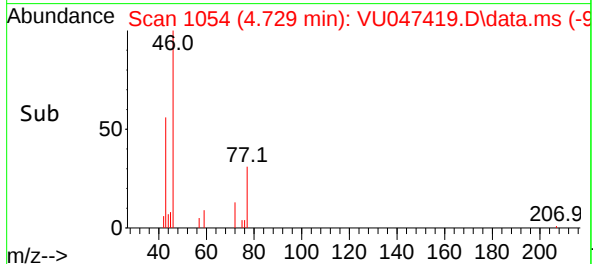
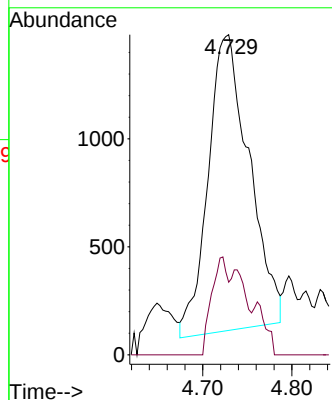
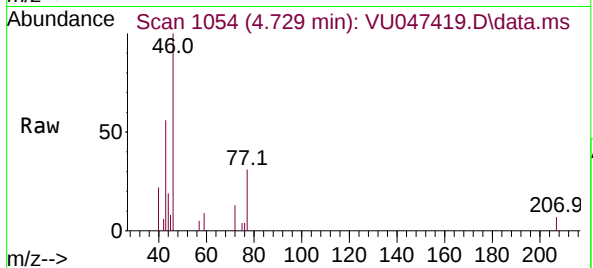
YATL7

Tgt Ion: 43 Resp: 4393

Ion Ratio Lower Upper

43 100

72 9.5 14.7 44.1#



#22

cis-1,2-Dichloroethene

Concen: 0.060 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VU047419.D

Acq: 09 Mar 2022 21:06

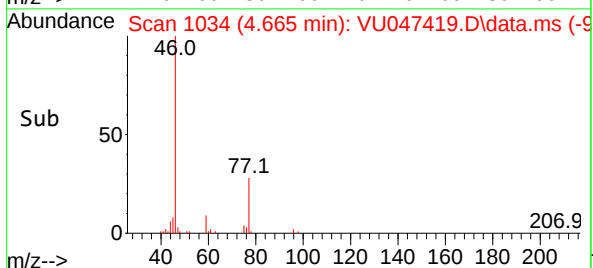
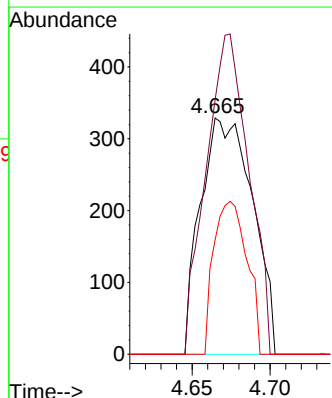
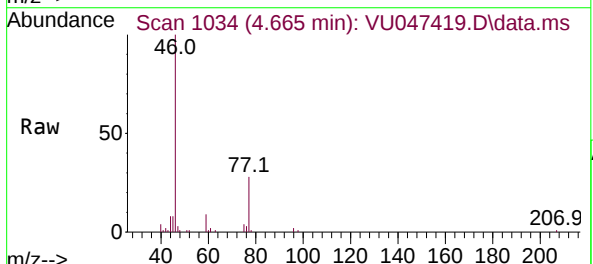
Tgt Ion: 96 Resp: 765

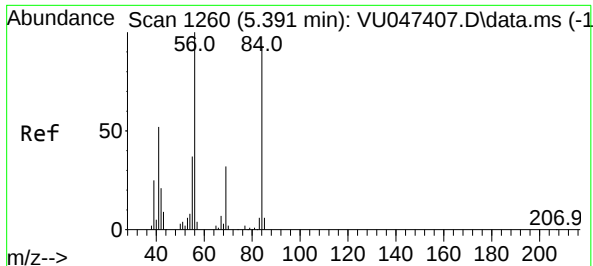
Ion Ratio Lower Upper

96 100

61 107.6 80.8 150.0

98 48.3 44.7 83.1

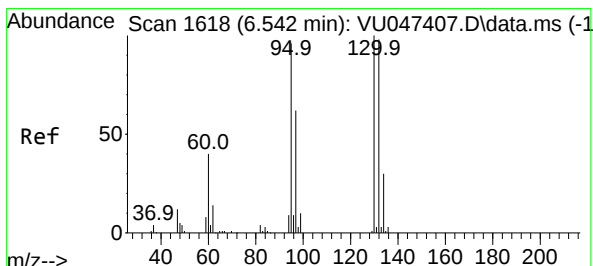
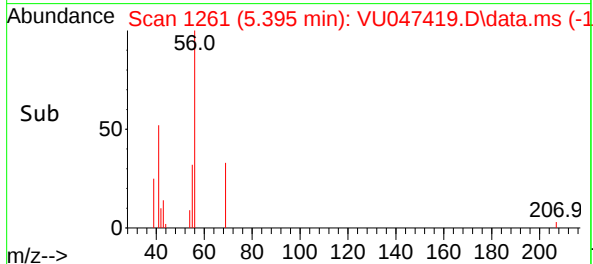
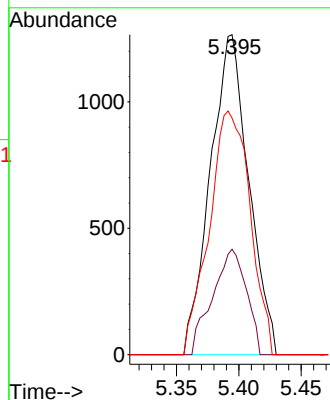
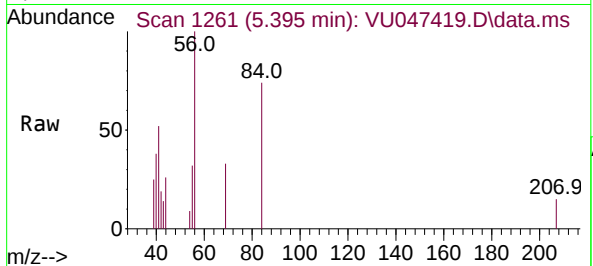




#30
Cyclohexane
Concen: 0.156 ug/L
RT: 5.395 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU047419.D
Acq: 09 Mar 2022 21:06

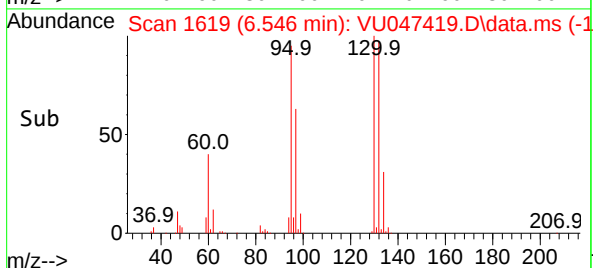
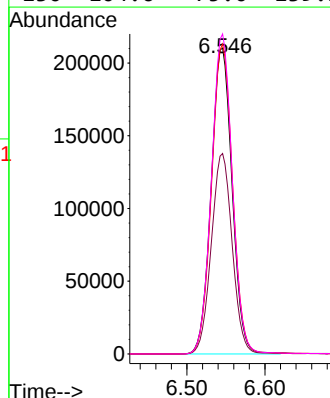
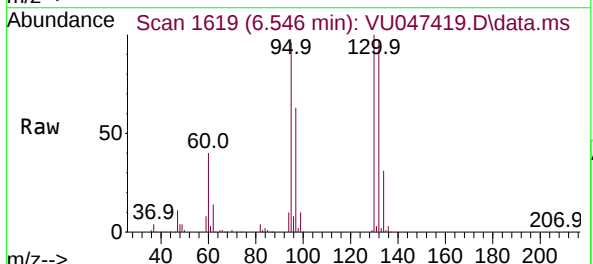
Instrument :
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YATL7

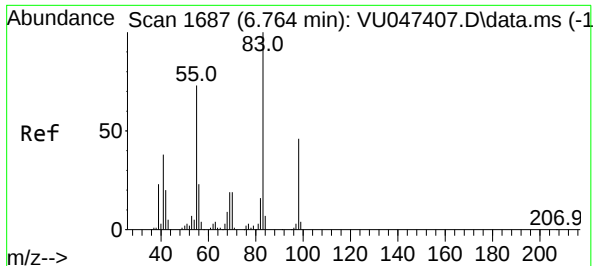
Tgt Ion: 56	Resp: 2711		
Ion Ratio	Lower	Upper	
56	100		
69	29.0	26.0	39.0
84	81.0	76.3	114.5



#34
Trichloroethene
Concen: 31.093 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047419.D
Acq: 09 Mar 2022 21:06

Tgt Ion: 95	Resp: 392331
Ion Ratio	Lower Upper
95 100	
97 65.6	46.3 85.9
132 101.3	71.7 133.1
130 104.6	75.0 139.2

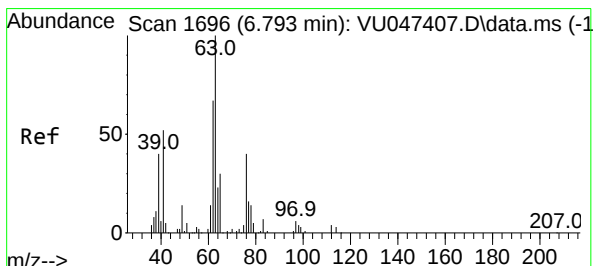
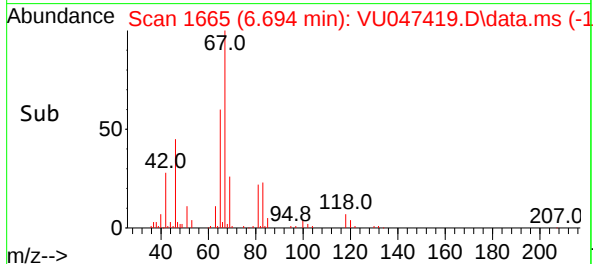
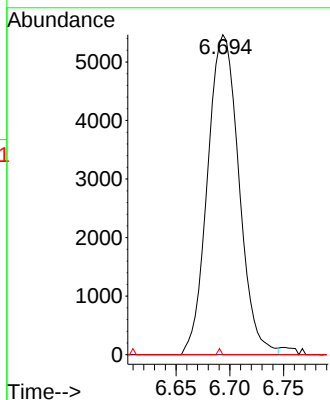
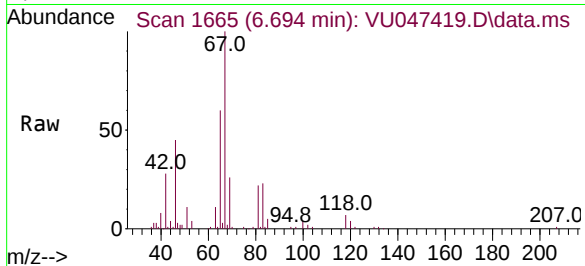




#35
Methylcyclohexane
Concen: 0.558 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU047419.D
Acq: 09 Mar 2022 21:06

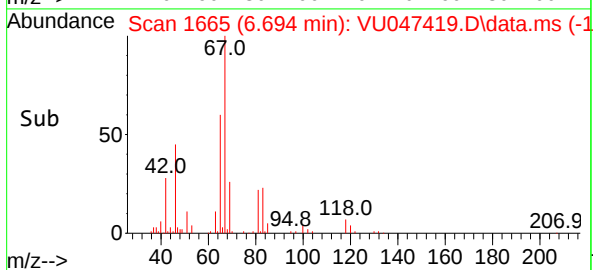
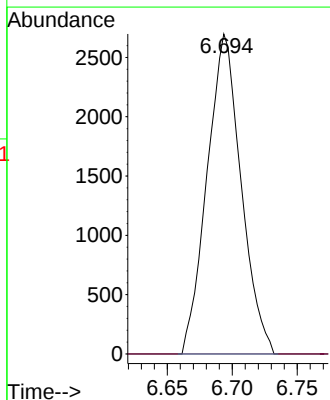
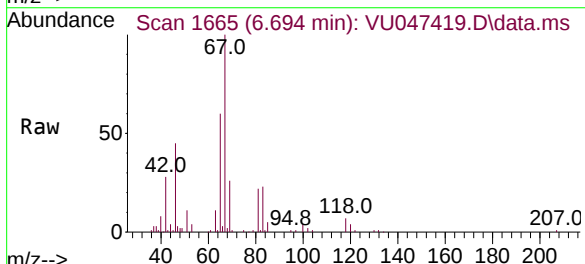
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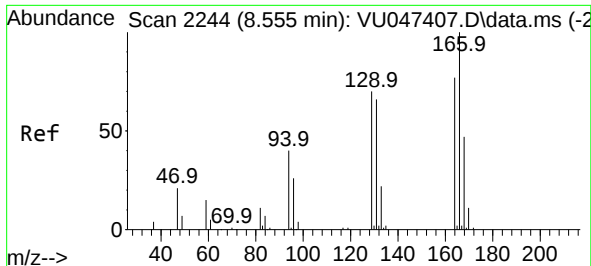
Tgt Ion: 83 Resp: 11100
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.418 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047419.D
Acq: 09 Mar 2022 21:06

Tgt Ion: 63 Resp: 4912
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 4.108 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047419.D

Acq: 09 Mar 2022 21:06

Instrument :

MSVOA_U

ClientSampleId :

YATL7

Tgt Ion:164 Resp: 43973

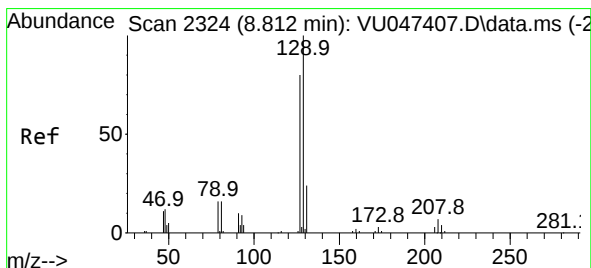
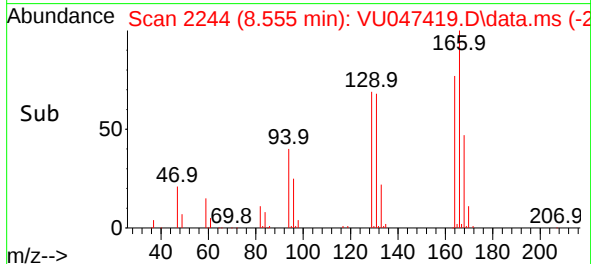
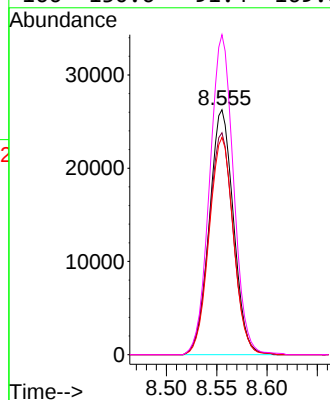
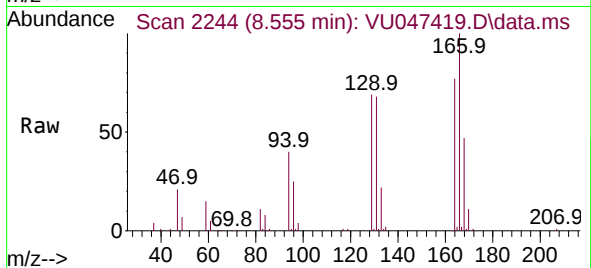
Ion Ratio Lower Upper

164 100

129 90.6 64.9 120.5

131 88.7 63.6 118.2

166 130.6 91.4 169.8



#49

Dibromochloromethane

Concen: 3.453 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047419.D

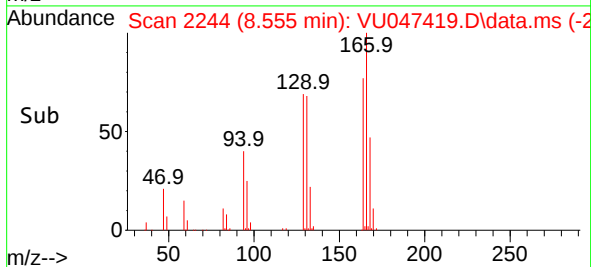
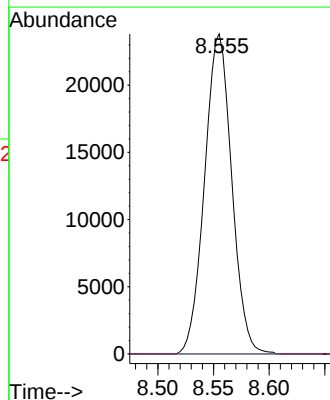
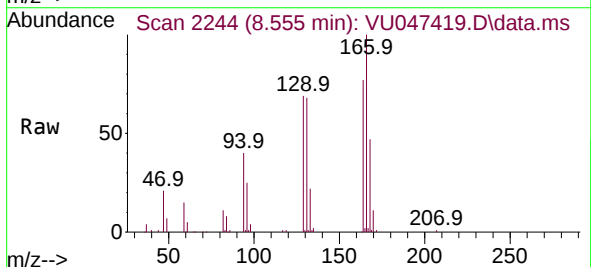
Acq: 09 Mar 2022 21:06

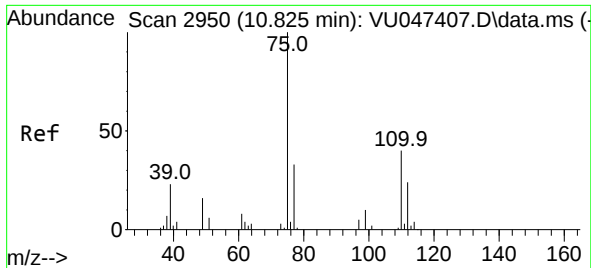
Tgt Ion:129 Resp: 40409

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#





#61

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047419.D

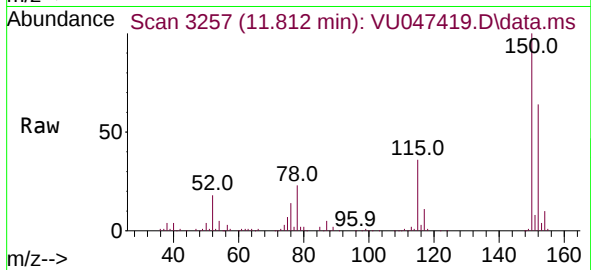
Acq: 09 Mar 2022 21:06

Instrument :

MSVOA_U

ClientSampleId :

YATL7



Tgt Ion: 75 Resp: 9992

Ion Ratio Lower Upper

75 100

110 2.2 31.0 46.4#

77 32.0 26.2 39.4

