

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047708.D
 Acq On : 26 Mar 2022 14:57
 Operator : SY/MD
 Sample : N2081-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X2

Quant Time: Mar 28 05:08:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

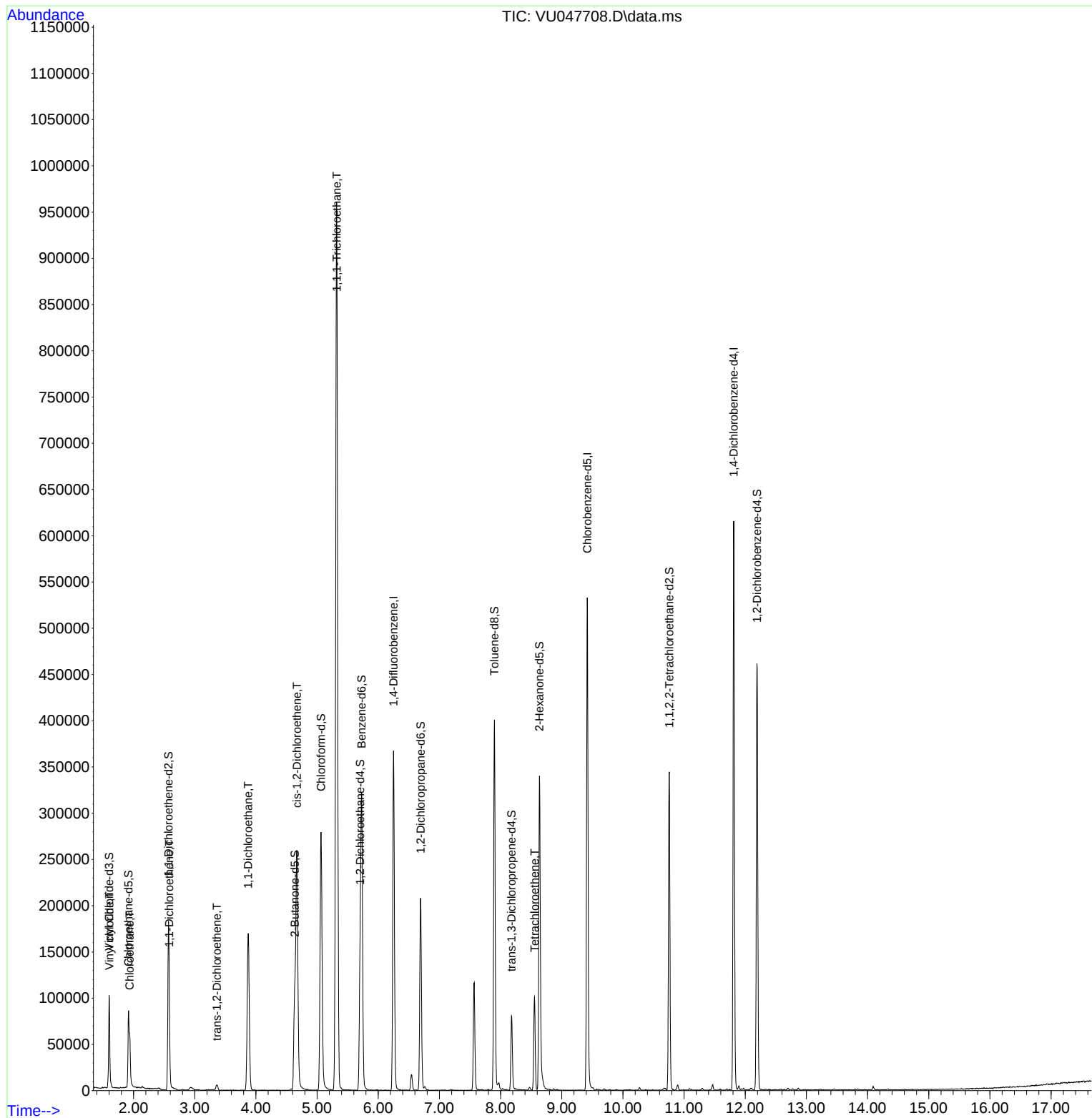
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309390	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	168146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	67983	30.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.600%
7) Chloroethane-d5	1.916	69	61217	34.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.200%#
11) 1,1-Dichloroethene-d2	2.572	63	103709	25.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.540%#
21) 2-Butanone-d5	4.636	46	168253	87.371	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.370%
24) Chloroform-d	5.067	84	155115	37.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.580%
26) 1,2-Dichloroethane-d4	5.703	65	99294	39.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.880%
32) Benzene-d6	5.729	84	300150	37.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.780%
36) 1,2-Dichloropropane-d6	6.694	67	99660	40.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.940%
41) Toluene-d8	7.899	98	269556	34.928	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.860%#
43) trans-1,3-Dichloroprop...	8.179	79	46402	37.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.300%
47) 2-Hexanone-d5	8.636	63	121767	85.507	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.510%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	167551	40.134	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	126127	42.162	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	7440	2.659	ug/L	87
8) Chloroethane	1.938	64	32288	18.385	ug/L	98
12) 1,1-Dichloroethene	2.584	96	7626	3.593	ug/L #	1
17) trans-1,2-Dichloroethene	3.363	96	2213	0.967	ug/L	95
19) 1,1-Dichloroethane	3.874	63	194763	49.333	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	128420	51.172	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	692858	194.111	ug/L	100
46) Tetrachloroethene	8.555	164	23282	10.846	ug/L	96

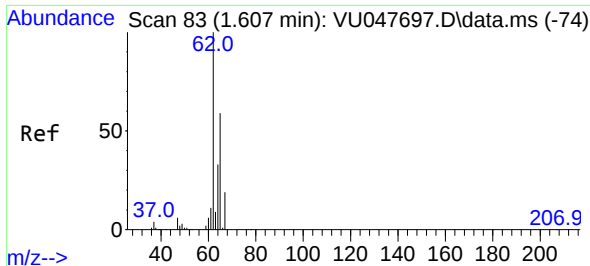
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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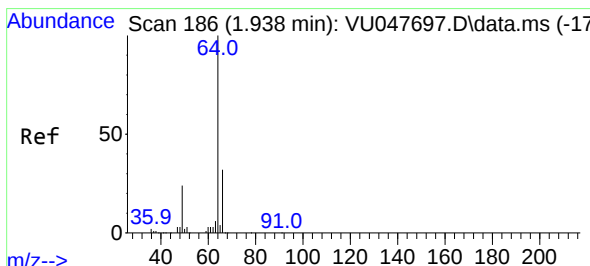
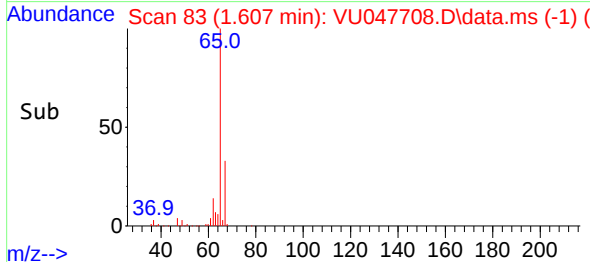
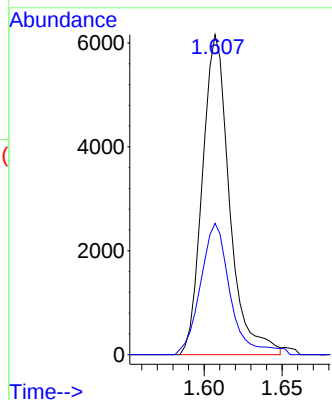
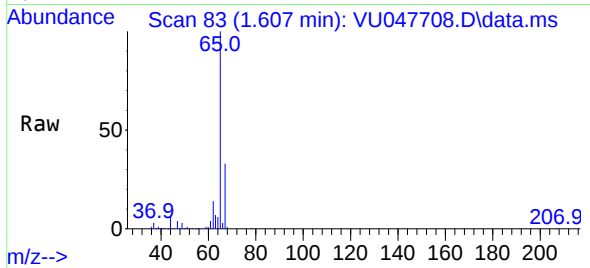




#5
 Vinyl chloride
 Concen: 2.659 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047708.D
 Acq: 26 Mar 2022 14:57

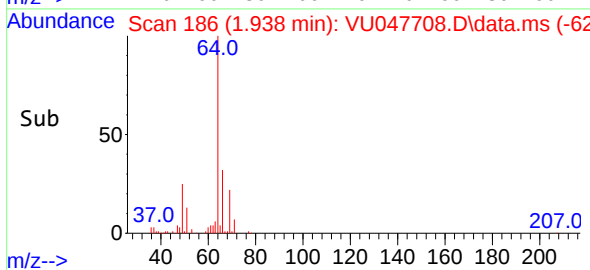
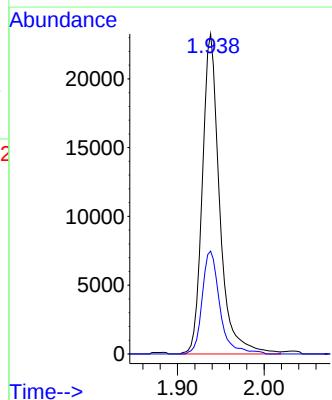
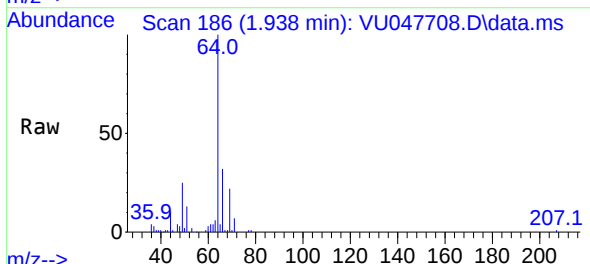
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X2

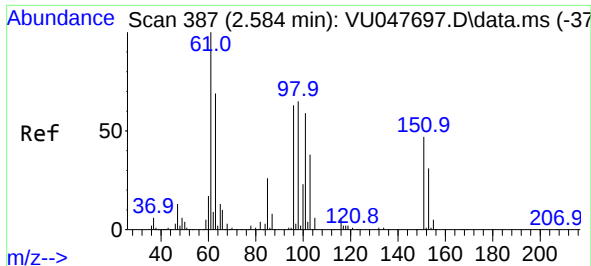
Tgt Ion: 62 Resp: 7440
 Ion Ratio Lower Upper
 62 100
 64 41.0 23.7 43.9



#8
 Chloroethane
 Concen: 18.385 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.000 min
 Lab File: VU047708.D
 Acq: 26 Mar 2022 14:57

Tgt Ion: 64 Resp: 32288
 Ion Ratio Lower Upper
 64 100
 66 32.2 23.3 43.3

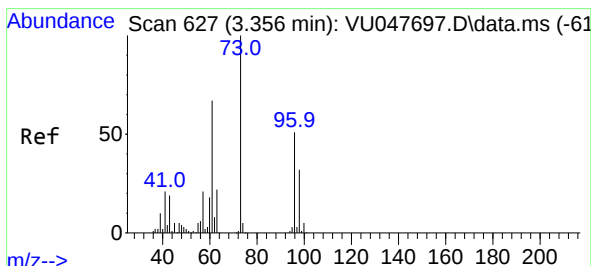
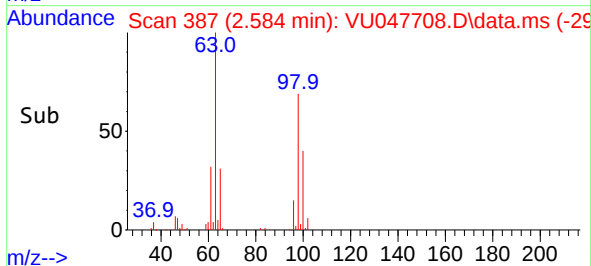
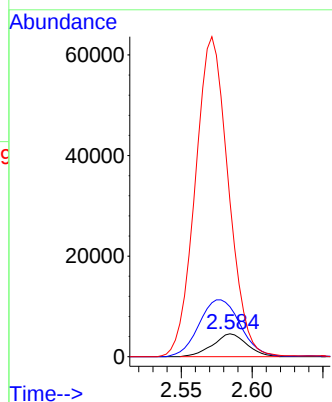
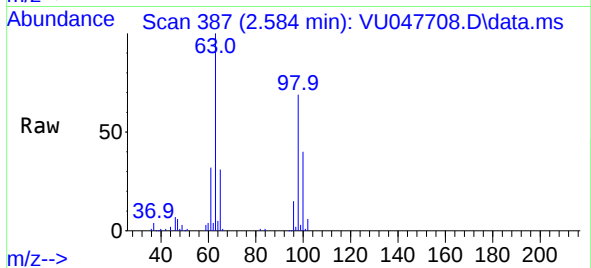




#12
1,1-Dichloroethene
Concen: 3.593 ug/L
RT: 2.584 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047708.D
Acq: 26 Mar 2022 14:57

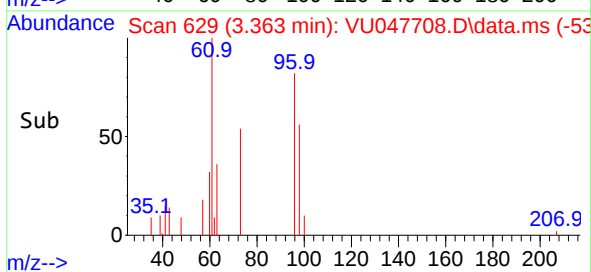
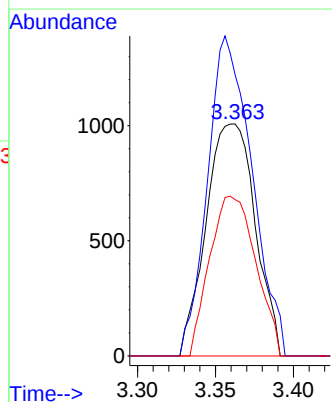
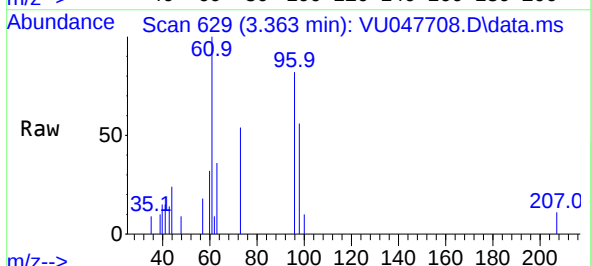
Instrument :
MSVOA_U
ClientSampleId :
EW5X2

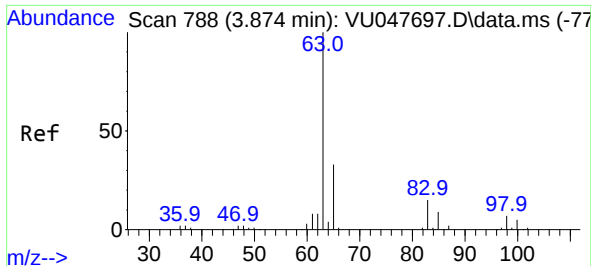
Tgt Ion: 96 Resp: 7626
Ion Ratio Lower Upper
96 100
61 217.4 113.1 210.1#
63 677.8 94.8 176.0#



#17
trans-1,2-Dichloroethene
Concen: 0.967 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.006 min
Lab File: VU047708.D
Acq: 26 Mar 2022 14:57

Tgt Ion: 96 Resp: 2213
Ion Ratio Lower Upper
96 100
61 121.2 88.4 164.2
98 67.4 43.3 80.5





#19

1,1-Dichloroethane

Concen: 49.333 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047708.D

Acq: 26 Mar 2022 14:57

Instrument :

MSVOA_U

ClientSampleId :

EW5X2

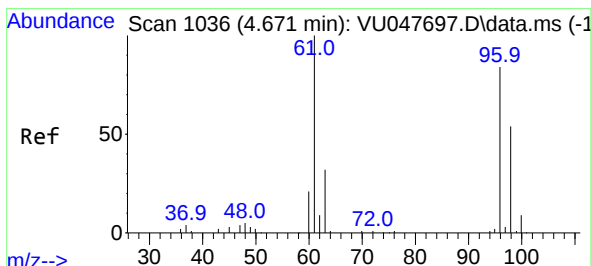
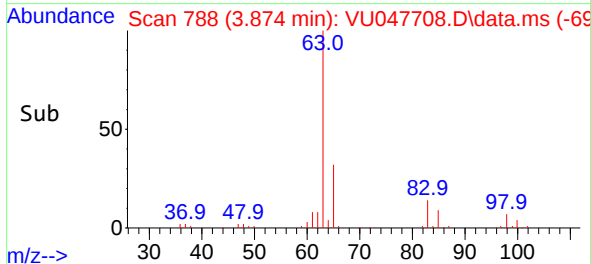
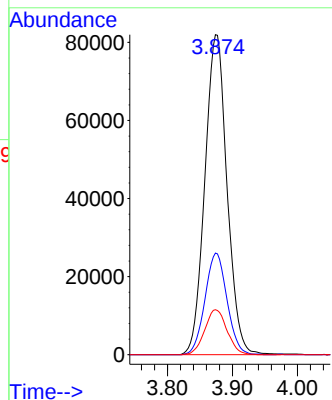
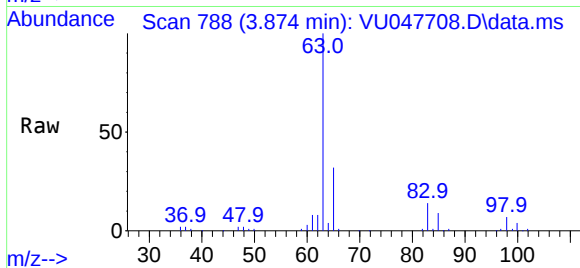
Tgt Ion: 63 Resp: 194763

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 51.172 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047708.D

Acq: 26 Mar 2022 14:57

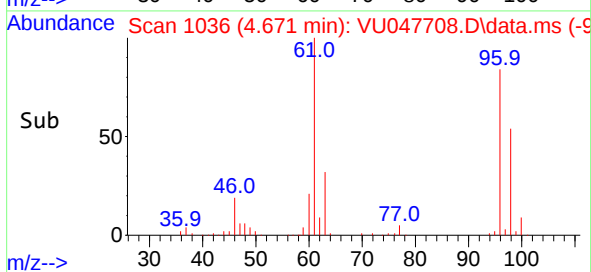
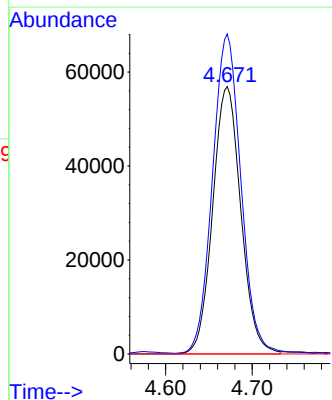
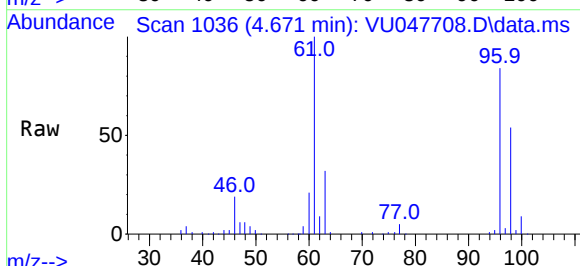
Tgt Ion: 96 Resp: 128420

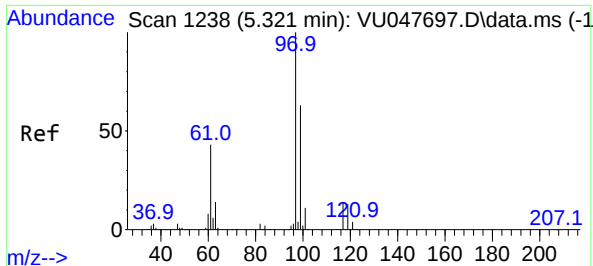
Ion Ratio Lower Upper

96 100

61 119.7 80.7 149.9

68 0.0 0.0 0.0



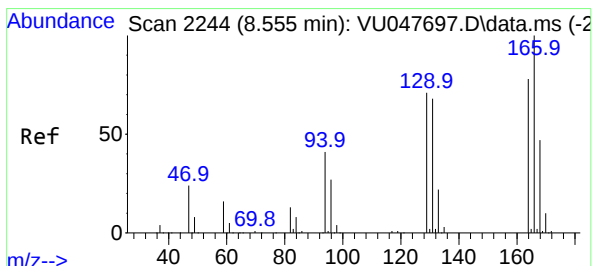
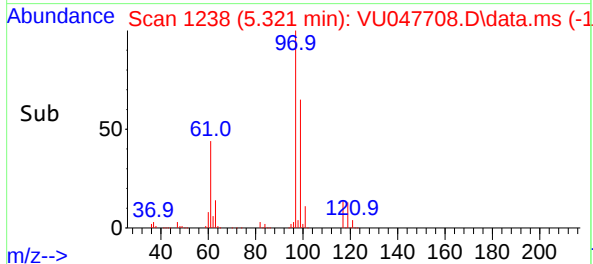
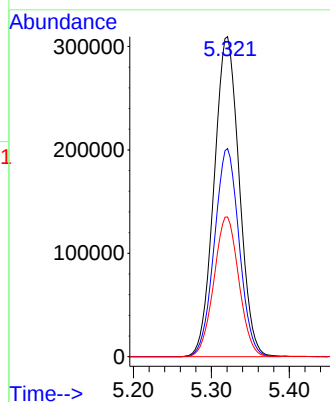
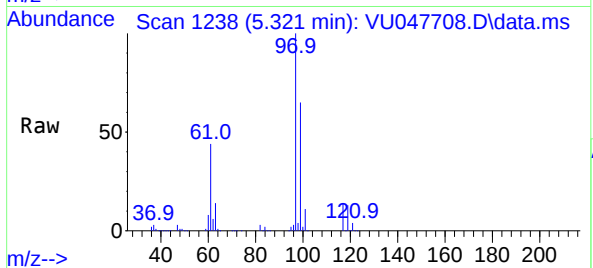


#30
1,1,1-Trichloroethane
Concen: 194.111 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047708.D
Acq: 26 Mar 2022 14:57

Instrument :
MSVOA_U
ClientSampleId :
EW5X2

Tgt Ion: 97 Resp: 692858

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	43.5	34.2	51.4



#46
Tetrachloroethene
Concen: 10.846 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047708.D
Acq: 26 Mar 2022 14:57

Tgt Ion: 164 Resp: 23282

Ion	Ratio	Lower	Upper
164	100		
129	92.3	62.4	116.0
131	89.8	60.7	112.7
166	132.0	89.0	165.4

