

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047655.D
 Acq On : 25 Mar 2022 00:09
 Operator : SY/MD
 Sample : N2081-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 05:30:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

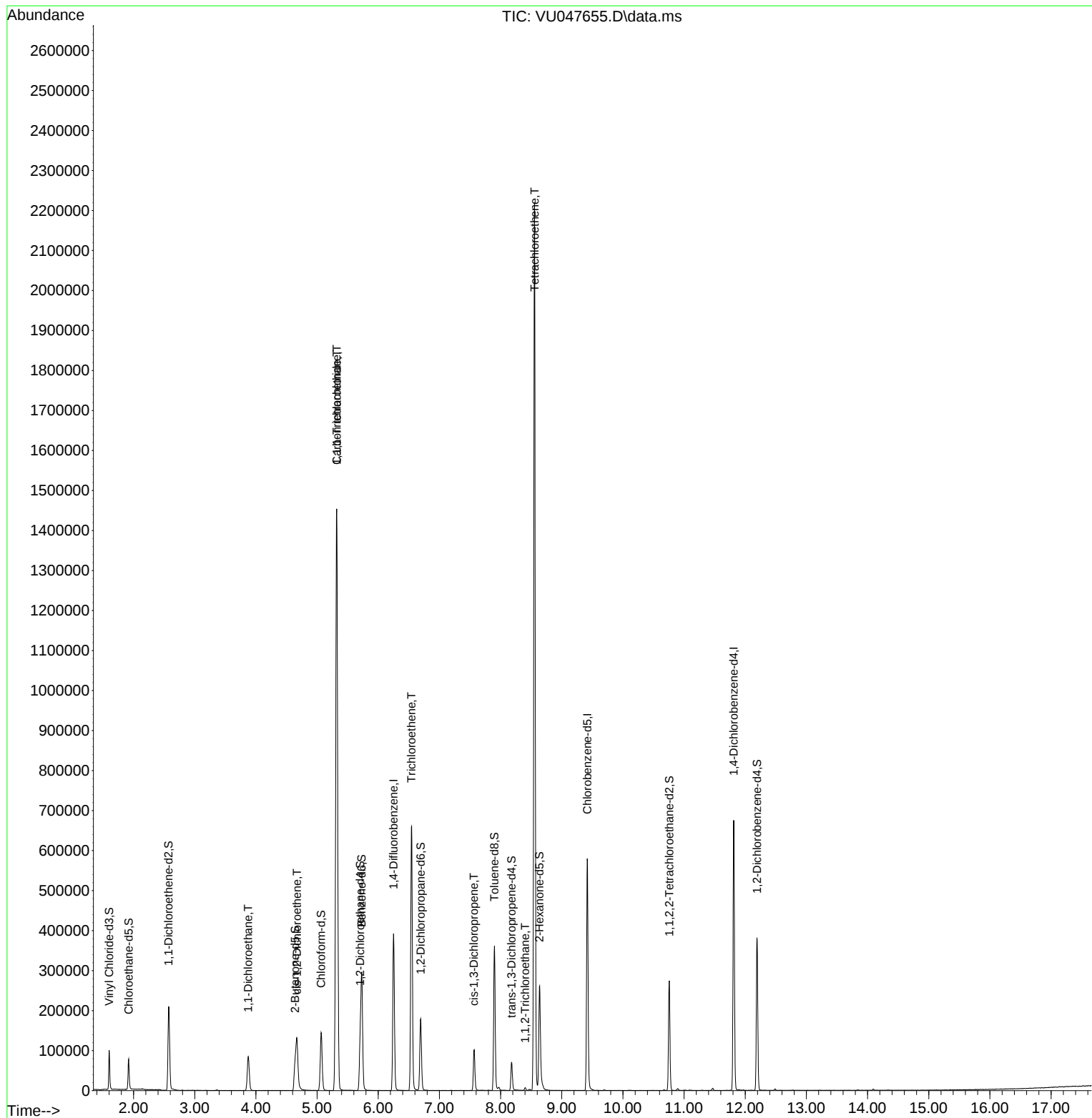
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	331969	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	186039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	70732	29.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.760%#
7) Chloroethane-d5	1.919	69	57234	30.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.300%#
11) 1,1-Dichloroethene-d2	2.571	63	110694	25.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.260%#
21) 2-Butanone-d5	4.642	46	138929	67.237	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.240%
24) Chloroform-d	5.067	84	135333	30.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.440%#
26) 1,2-Dichloroethane-d4	5.703	65	87078	32.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.460%#
32) Benzene-d6	5.729	84	274075	31.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.580%#
36) 1,2-Dichloropropane-d6	6.693	67	85843	32.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	64.840%#
41) Toluene-d8	7.899	98	246158	29.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	58.600%#
43) trans-1,3-Dichloroprop...	8.179	79	40597	30.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.520%
47) 2-Hexanone-d5	8.636	63	98386	63.473	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.470%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134602	29.621	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.240%#
66) 1,2-Dichlorobenzene-d4	12.192	152	105229	31.793	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.580%#
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.874	63	96031	22.670	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	50317	18.686	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	1051124	270.546	ug/L	99
31) Carbon tetrachloride	5.321	117	144588	41.213	ug/L	99
34) Trichloroethene	6.542	95	223553	85.977	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	2572	0.657	ug/L #	64
45) 1,1,2-Trichloroethane	8.401	97	2142	0.801	ug/L	87
46) Tetrachloroethene	8.555	164	508509	217.627	ug/L	99

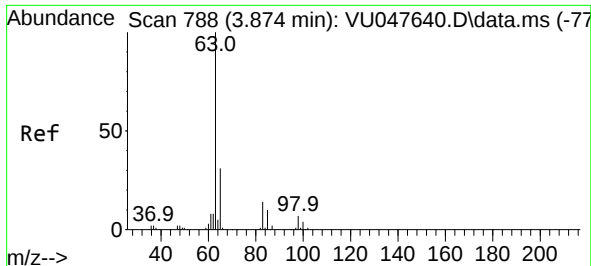
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 22.670 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047655.D

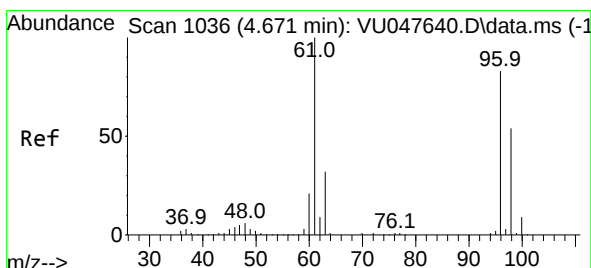
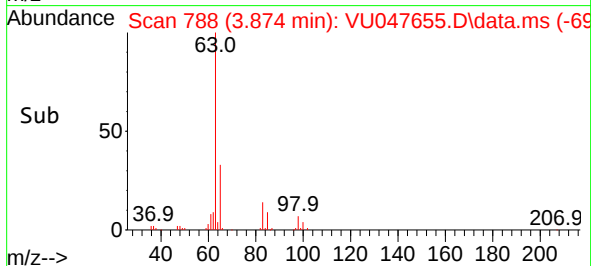
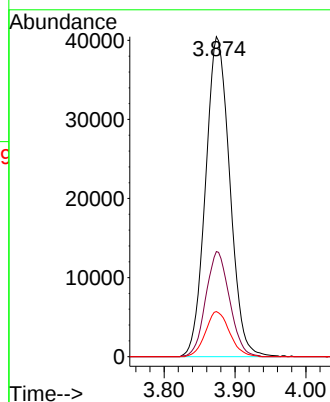
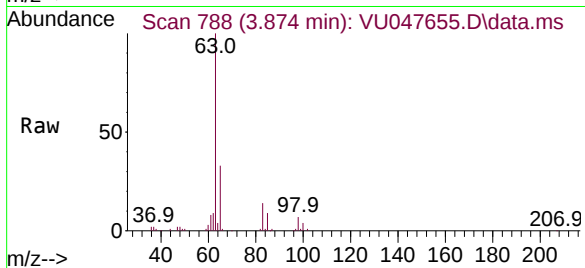
Acq: 25 Mar 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	96031
Ion Ratio	Lower	Upper	
63	100		
65	32.8	22.0	41.0
83	14.1	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 18.686 ug/L

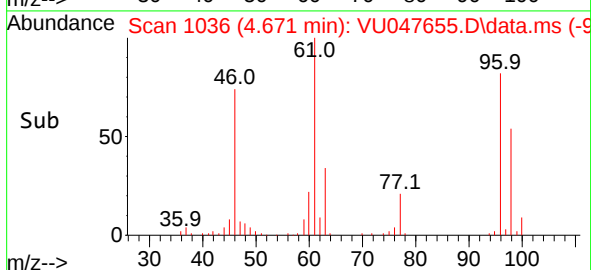
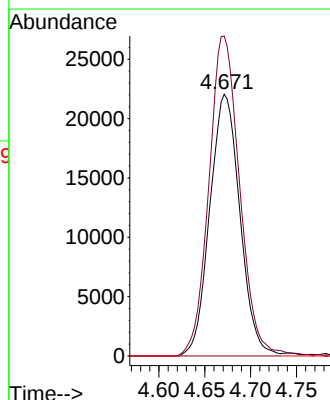
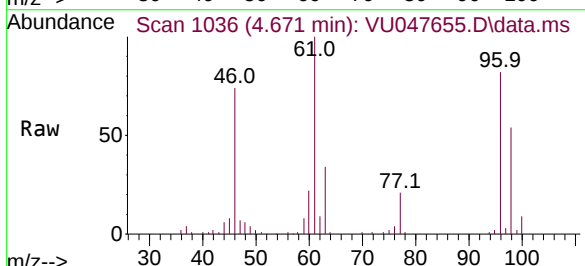
RT: 4.671 min Scan# 1036

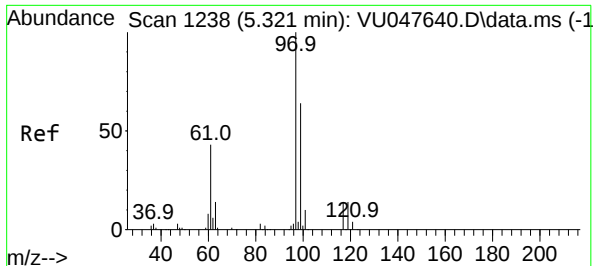
Delta R.T. -0.000 min

Lab File: VU047655.D

Acq: 25 Mar 2022 00:09

Tgt Ion:	96	Resp:	50317
Ion Ratio	Lower	Upper	
96	100		
61	122.2	80.7	149.9
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 270.546 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047655.D

Acq: 25 Mar 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

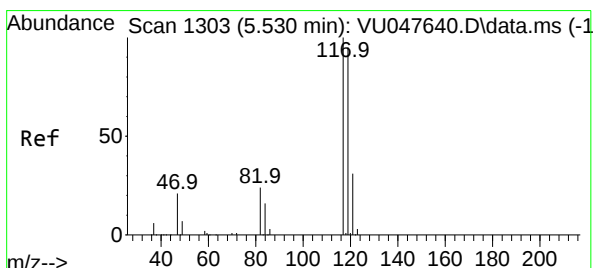
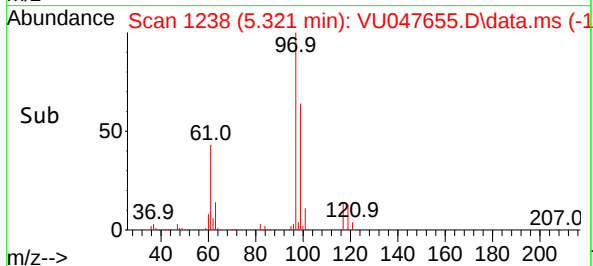
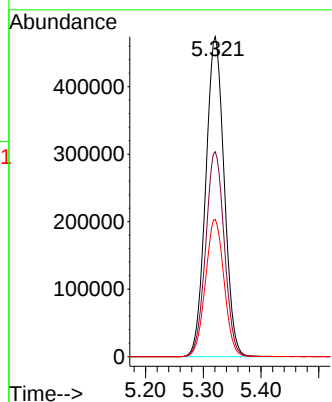
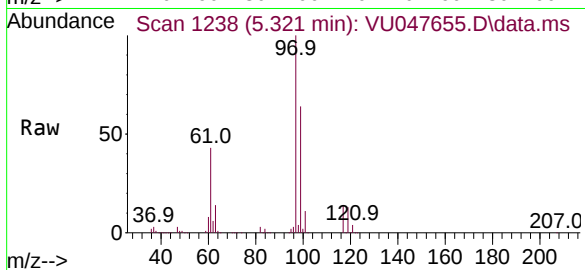
Tgt Ion: 97 Resp: 1051124

Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 43.4 34.2 51.4



#31

Carbon tetrachloride

Concen: 41.213 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU047655.D

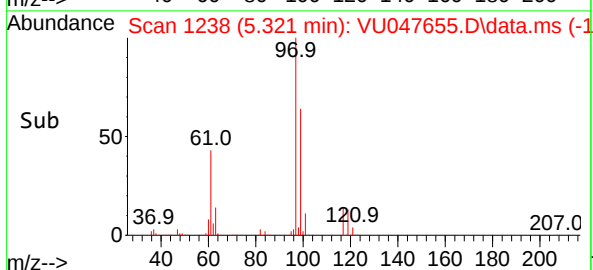
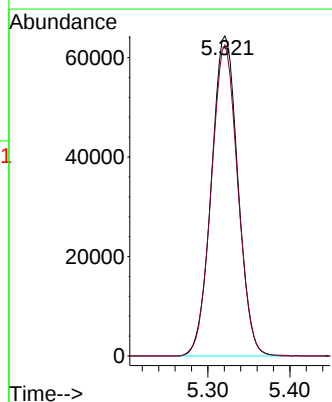
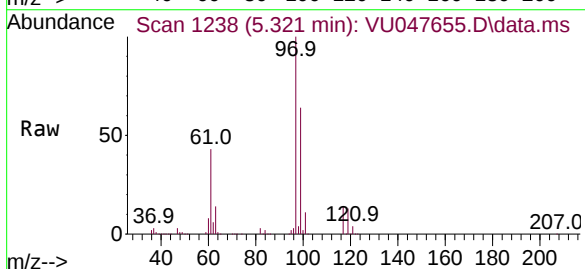
Acq: 25 Mar 2022 00:09

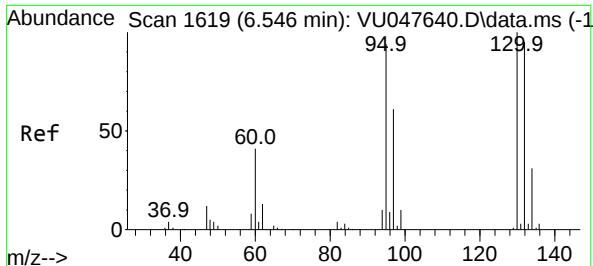
Tgt Ion: 117 Resp: 144588

Ion Ratio Lower Upper

117 100

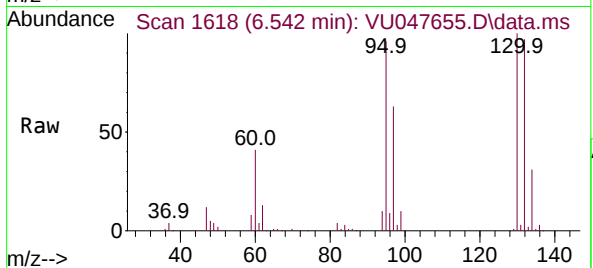
119 97.0 77.2 115.8



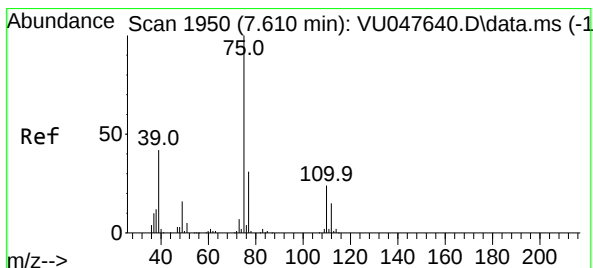
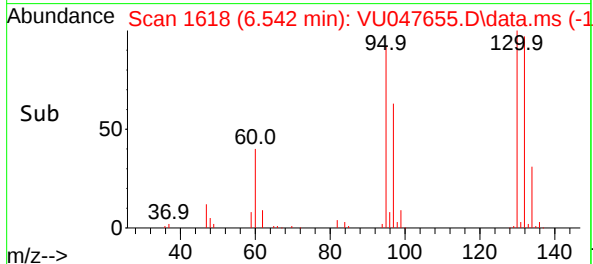
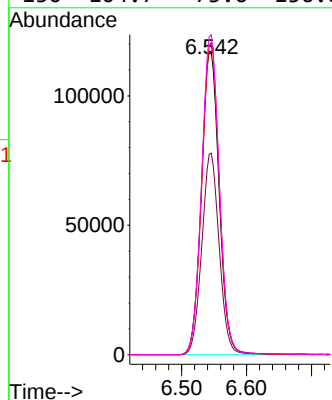


#34
Trichloroethene
Concen: 85.977 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Instrument :
MSVOA_U
ClientSampleId :

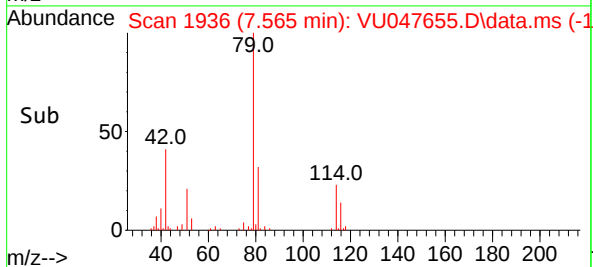
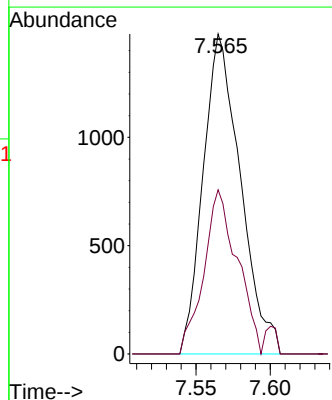
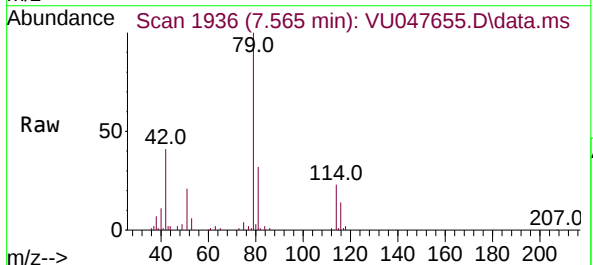


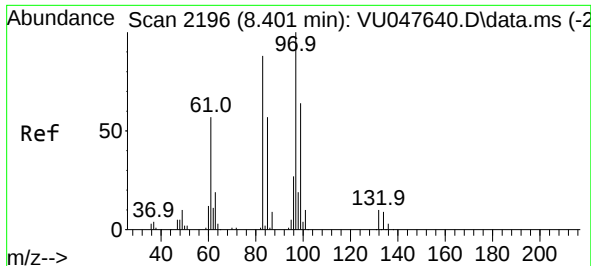
Tgt Ion: 95 Resp: 223553
Ion Ratio Lower Upper
95 100
97 66.0 44.7 82.9
132 101.5 70.4 130.8
130 104.7 73.6 136.8



#39
cis-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 75 Resp: 2572
Ion Ratio Lower Upper
75 100
77 51.3 21.8 40.6#

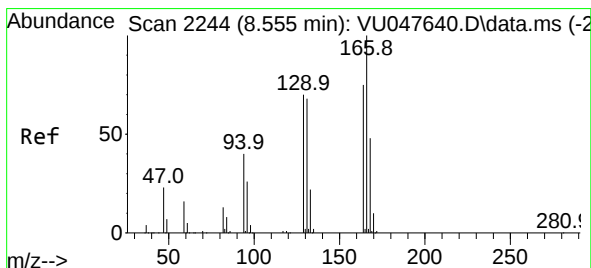
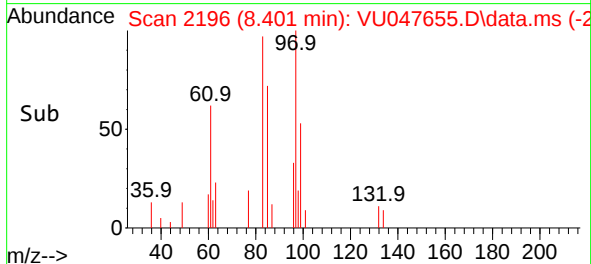
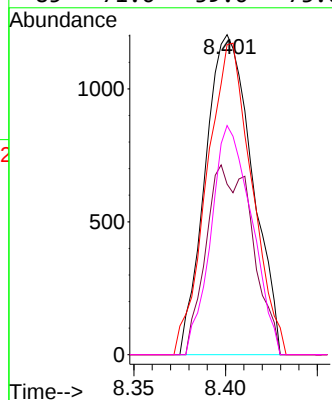
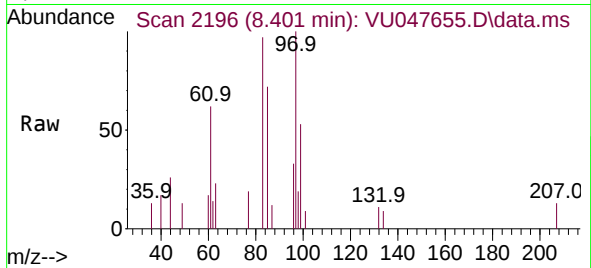




#45
1,1,2-Trichloroethane
Concen: 0.801 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	97	Resp:	2142
Ion	Ratio	Lower	Upper
97	100		
99	53.3	43.3	80.3
83	96.8	61.0	113.4
85	71.6	39.6	73.6



#46
Tetrachloroethene
Concen: 217.627 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion:	164	Resp:	508509
Ion	Ratio	Lower	Upper
164	100		
129	90.9	62.4	116.0
131	87.4	60.7	112.7
166	129.0	89.0	165.4

