

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042024.D
 Acq On : 14 Jan 2021 11:03
 Operator : SY/MD
 Sample : M1049-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ4

Quant Time: Jan 15 05:21:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

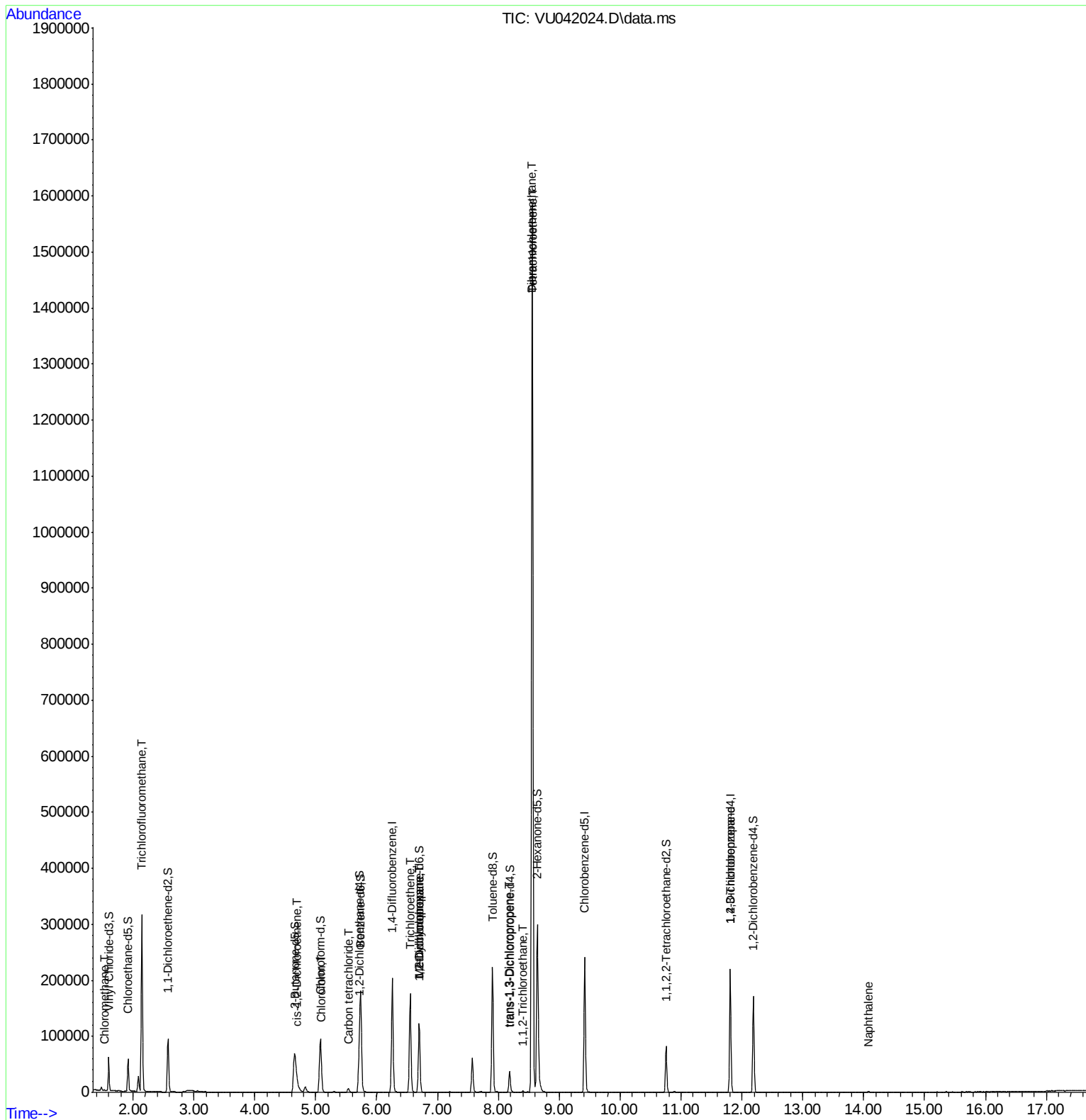
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

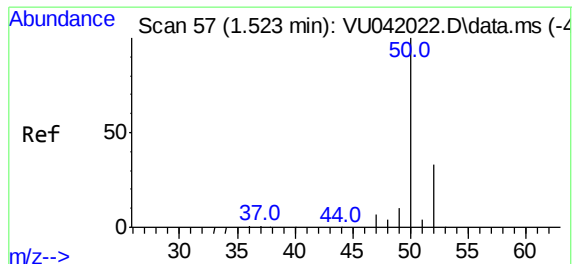
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	163820	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	58080	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38457	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.919	69	40799	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.575	63	57958	2.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.60%#
20) 2-Butanone-d5	4.652	46	146346	35.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.56%
24) Chloroform-d	5.076	84	88923	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.20%
26) 1,2-Dichloroethane-d4	5.713	65	50724	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
32) Benzene-d6	5.739	84	168125	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.700	67	60865	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.902	98	149959	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloroprop...	8.185	79	22570	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.639	63	120918	41.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.14%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	42908	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	46417	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	1348	0.07	ug/L	95
9) Trichlorofluoromethane	2.144	101	202014	8.26	ug/L	99
22) cis-1,2-Dichloroethene	4.684	96	3332	0.24	ug/L	65
25) Chloroform	5.096	83	4221	0.16	ug/L	96
31) Carbon tetrachloride	5.536	117	4367	0.26	ug/L	90
34) Trichloroethene	6.552	95	63567	5.10	ug/L	99
35) Methylcyclohexane	6.700	83	14086	0.71	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	6258	0.48	ug/L #	90
44) trans-1,3-Dichloropropene	8.182	75	1023	0.06	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	974	0.11	ug/L #	83
47) Tetrachloroethene	8.558	164	344302	42.63	ug/L	98
49) Dibromochloromethane	8.555	129	345823	34.66	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	7246	0.85	ug/L	98
69) Naphthalene	14.082	128	813	0.04	ug/L #	69

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

Instrument :
MSVOA_U
ClientSampleId :
C0AQ4

Quant Time: Jan 15 05:21:36 2021
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 05:20:45 2021
Response via : Initial Calibration

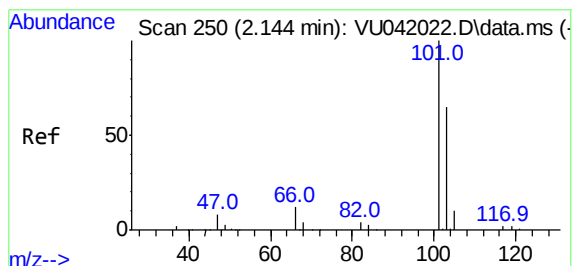
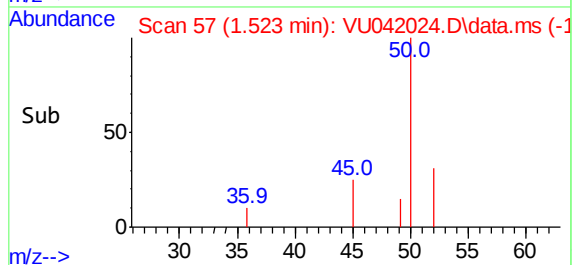
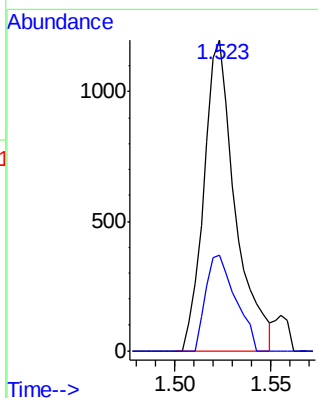
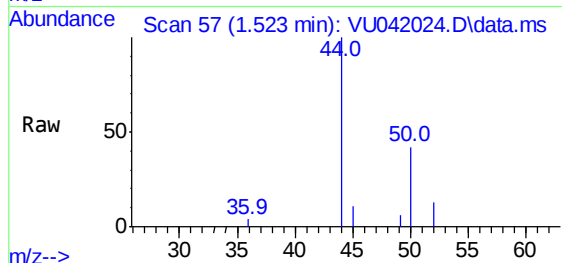




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

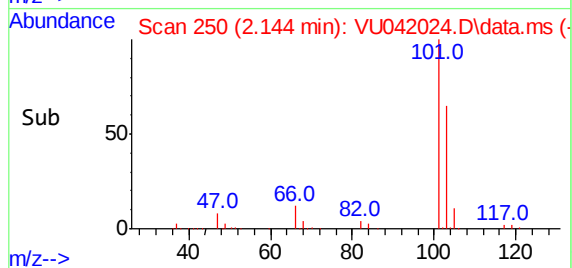
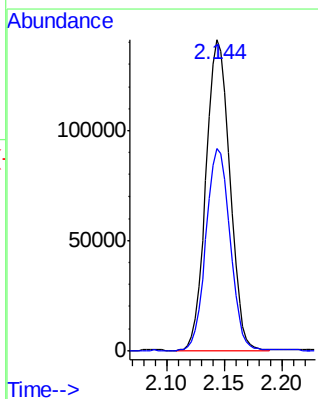
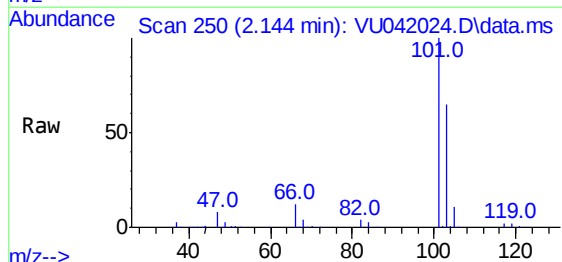
Instrument :
MSVOA_U
ClientSampled :
C0AQ4

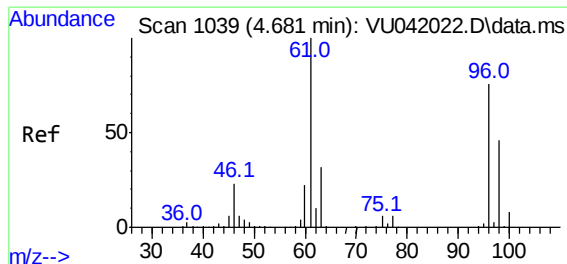
Tgt Ion: 50 Resp: 1348
Ion Ratio Lower Upper
50 100
52 31.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 8.26 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Tgt Ion:101 Resp: 202014
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4



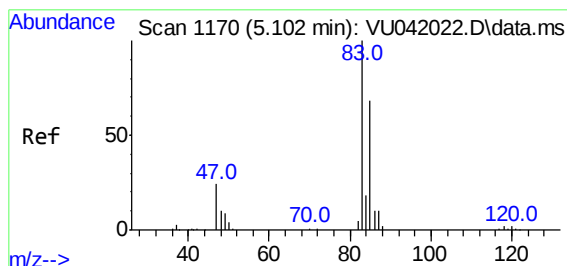
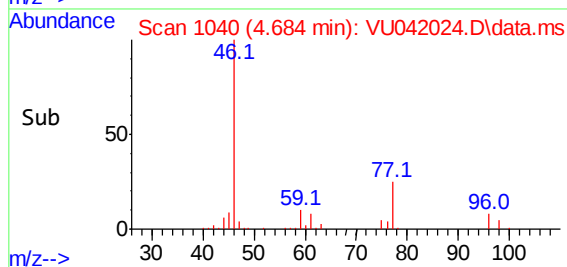
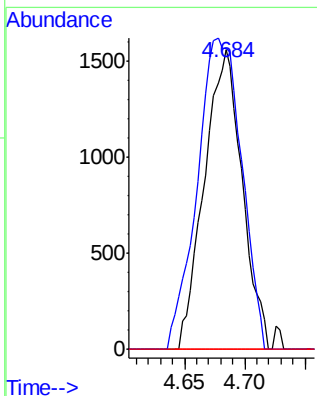
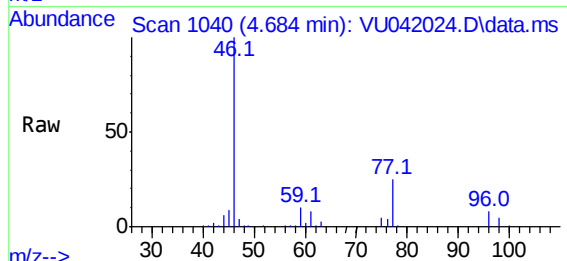


#22
cis-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Instrument :
MSVOA_U
ClientSampleId :
C0AQ4

Tgt Ion: 96 Resp: 3332

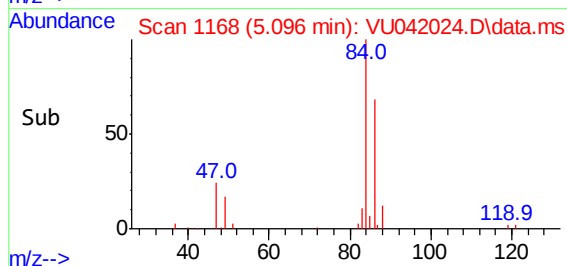
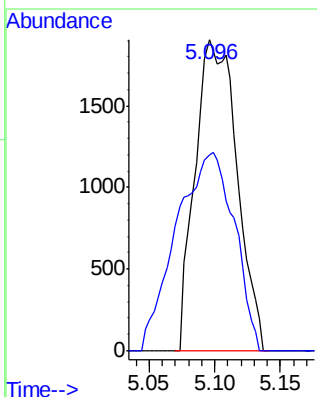
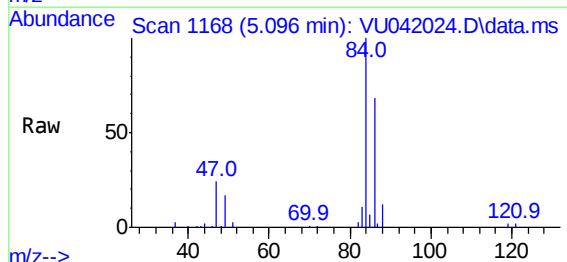
Ion	Ratio	Lower	Upper
96	100		
61	100.6	100.3	186.3
68	0.0	0.0	0.0

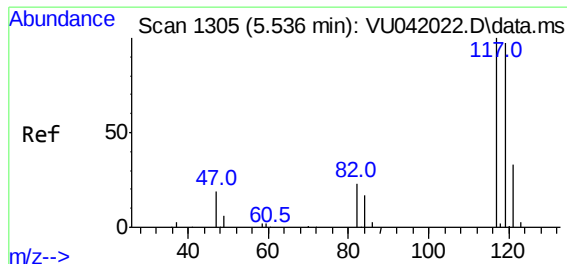


#25
Chloroform
Concen: 0.16 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Tgt Ion: 83 Resp: 4221

Ion	Ratio	Lower	Upper
83	100		
85	63.1	46.1	85.7

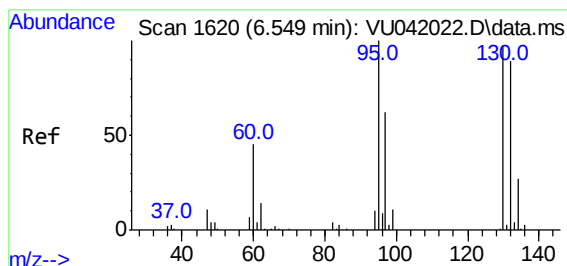
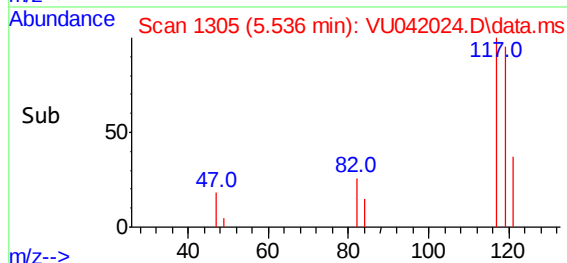
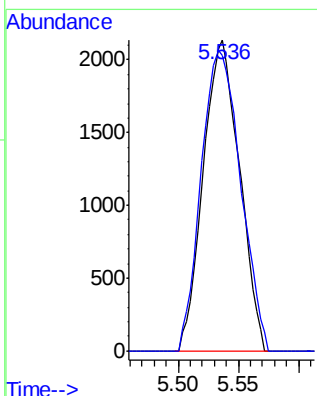
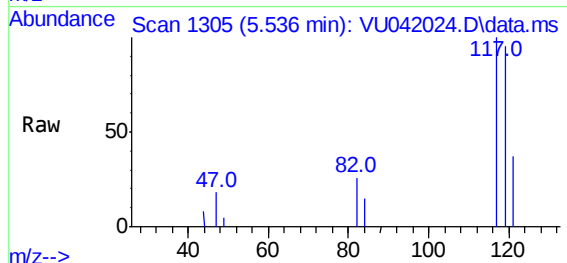




#31
Carbon tetrachloride
Concen: 0.26 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

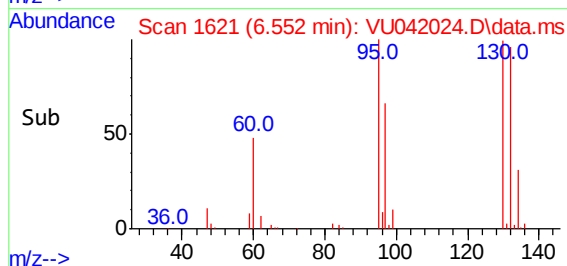
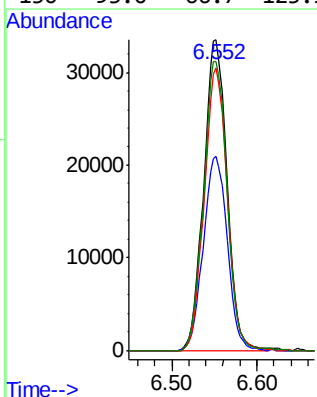
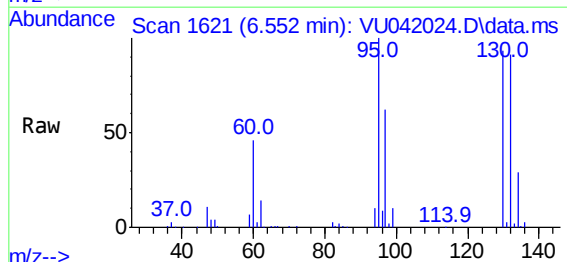
Instrument :
MSVOA_U
ClientSampled :
C0AQ4

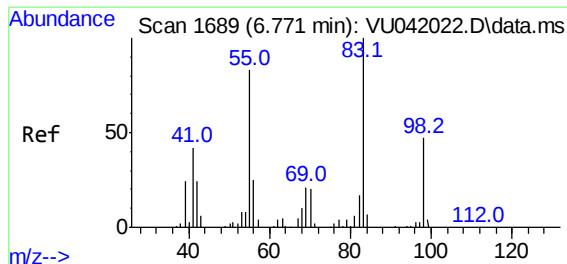
Tgt Ion:117 Resp: 4367
Ion Ratio Lower Upper
117 100
119 105.3 76.6 114.8



#34
Trichloroethene
Concen: 5.10 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Tgt Ion: 95 Resp: 63567
Ion Ratio Lower Upper
95 100
97 62.4 43.6 81.0
132 90.8 64.3 119.3
130 93.0 66.7 123.9

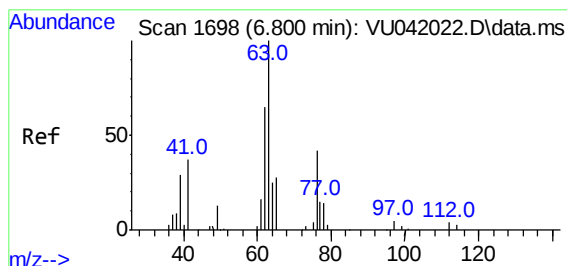
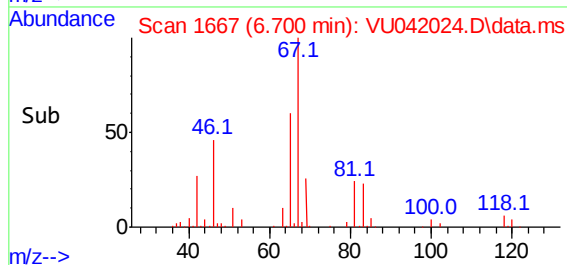
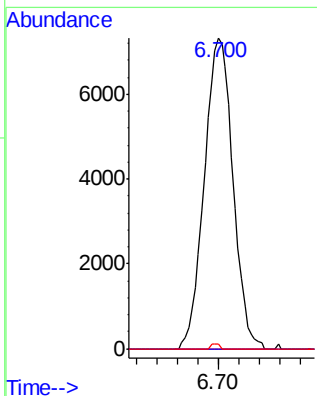
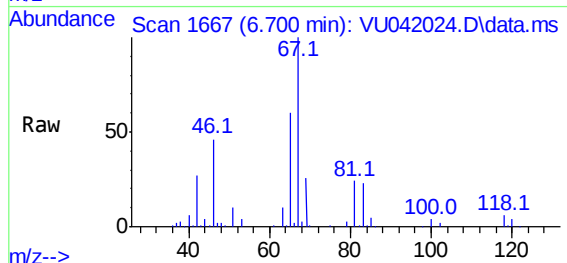




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

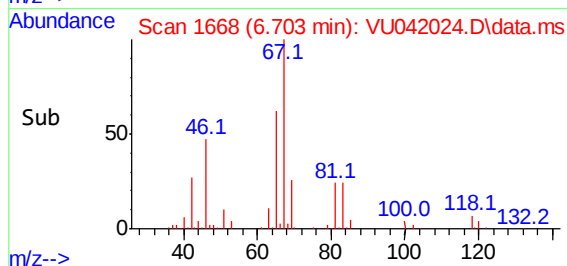
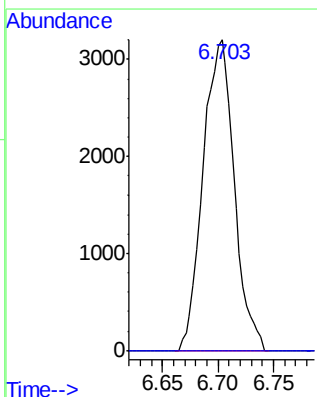
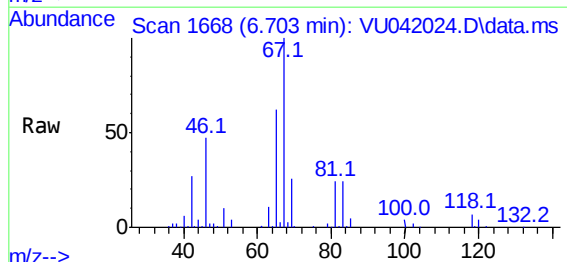
Instrument :
MSVOA_U
ClientSampleId :
C0AQ4

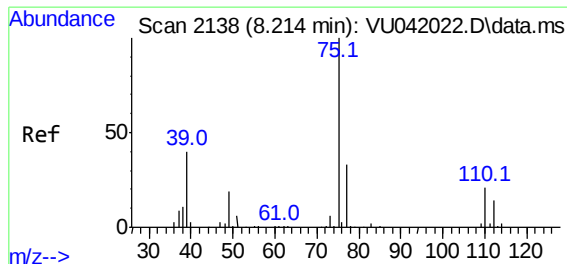
Tgt Ion: 83 Resp: 14086
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.4 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Tgt Ion: 63 Resp: 6258
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



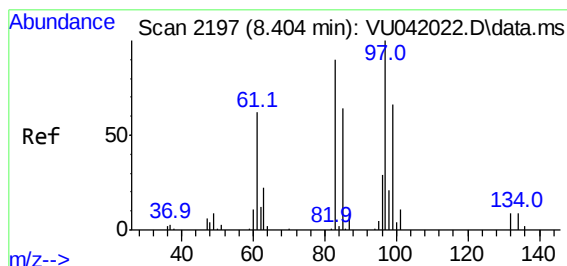
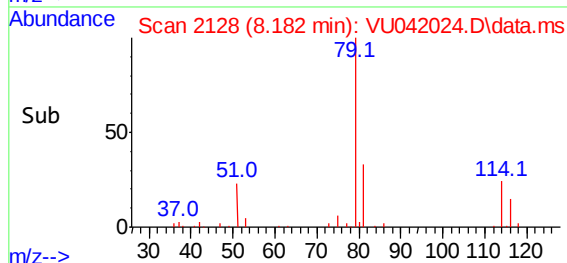
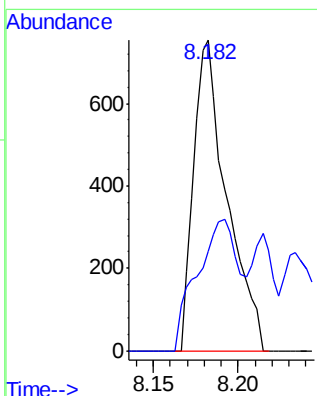
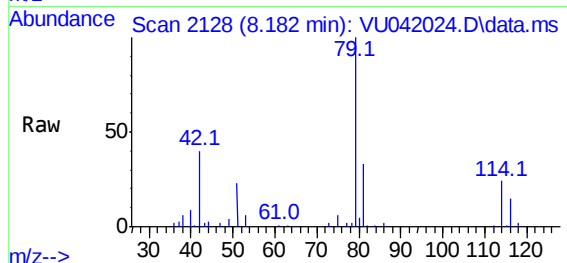


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Instrument :
MSVOA_U
ClientSampled :
C0AQ4

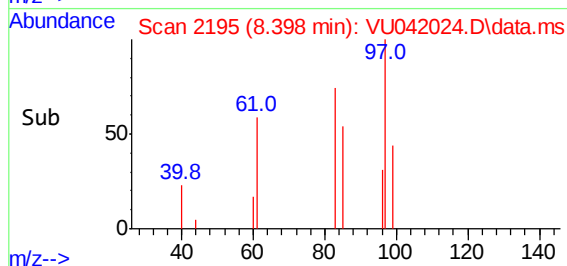
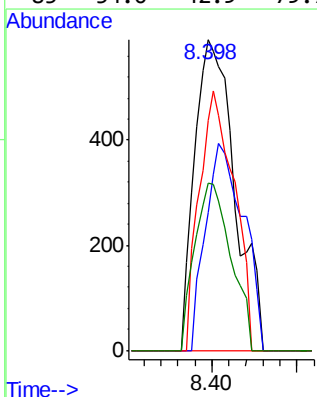
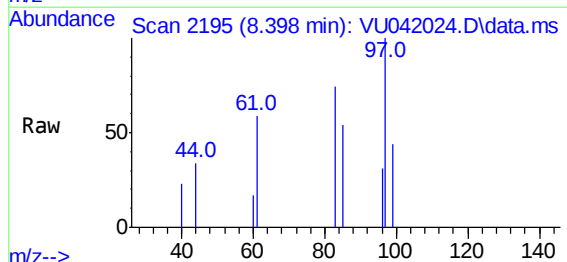
Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0

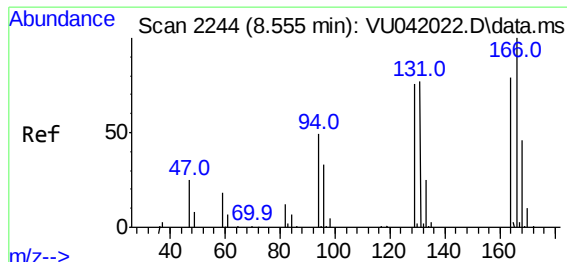


#45

1,1,2-Trichloroethane
Concen: 0.11 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.006 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Tgt Ion: 97 Resp: 974
Ion Ratio Lower Upper
97 100
99 44.2 44.7 83.1#
83 73.9 61.6 114.4
85 54.0 42.9 79.7





#47

Tetrachloroethene

Concen: 42.63 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU042024.D

Acq: 14 Jan 2021 11:03

Instrument :

MSVOA_U

ClientSampled :

C0AQ4

Tgt Ion:164 Resp: 344302

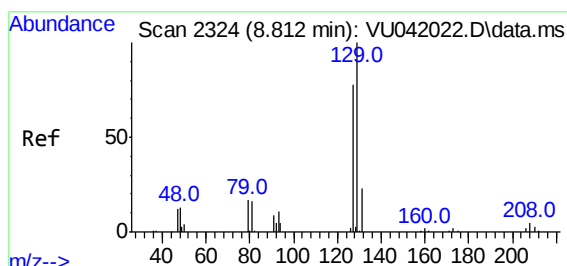
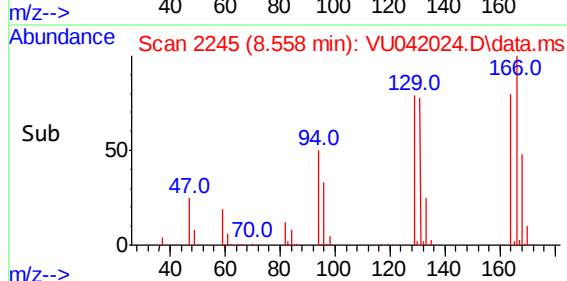
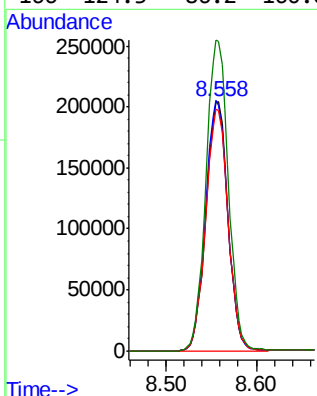
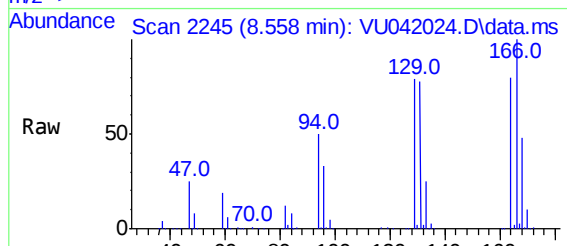
Ion Ratio Lower Upper

164 100

129 98.6 68.7 127.5

131 96.5 65.2 121.0

166 124.3 86.2 160.0



#49

Dibromochloromethane

Concen: 34.66 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU042024.D

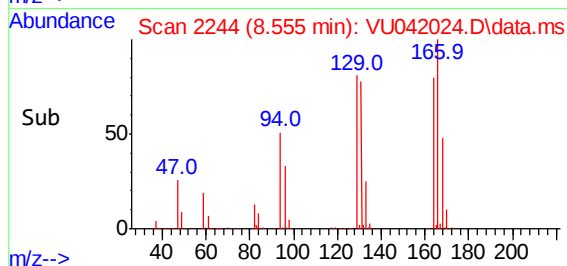
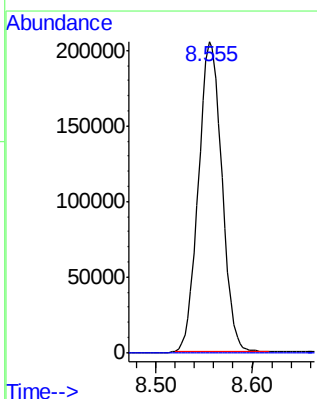
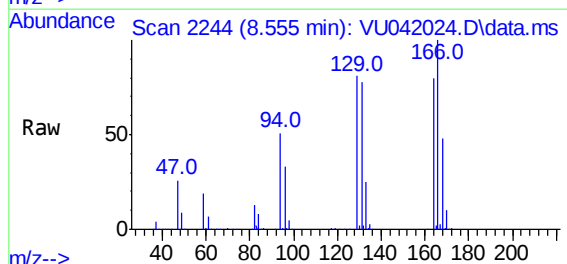
Acq: 14 Jan 2021 11:03

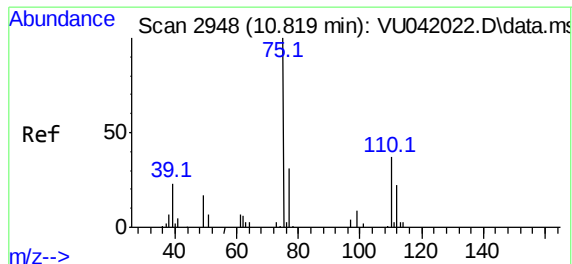
Tgt Ion:129 Resp: 345823

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#

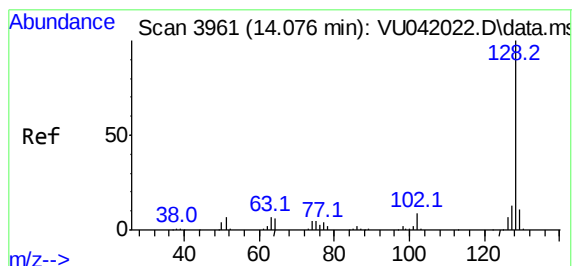
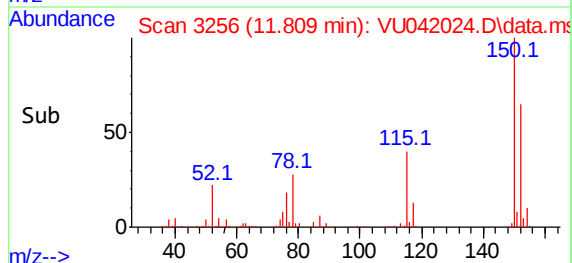
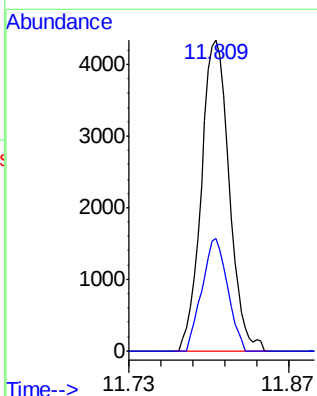
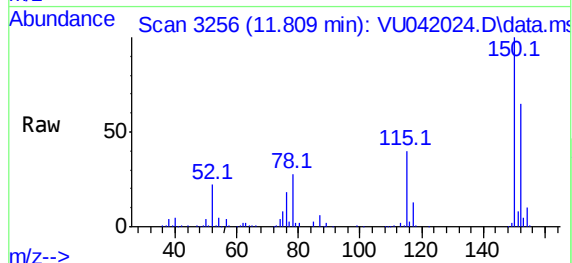




#59
1,2,3-Trichloropropane
Concen: 0.85 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Instrument :
MSVOA_U
ClientSampled :
C0AQ4

Tgt Ion: 75 Resp: 7246
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4



#69
Naphthalene
Concen: 0.04 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.007 min
Lab File: VU042024.D
Acq: 14 Jan 2021 11:03

Tgt Ion: 128 Resp: 813
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.5 15.7#

