

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042314.D
 Acq On : 12 Feb 2021 15:04
 Operator : SY/MD
 Sample : M1406-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA5

Quant Time: Feb 12 21:49:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	103458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50012	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26571	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.919	69	24643	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.575	63	49338	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.646	46	136891	56.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	5.073	84	67921	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	44439	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.739	84	122897	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	41738	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.906	98	109313	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.189	79	17744	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.645	63	98324	55.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.04%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36862	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.202	152	45637	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
3) Chloromethane	1.524	50	434	0.05	ug/L #	81
8) Chloroethane	1.739	64	314	0.06	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	373	0.05	ug/L #	18
13) Acetone	2.652	43	1649	1.02	ug/L	75
22) cis-1,2-Dichloroethene	4.678	96	1217	0.15	ug/L	81
25) Chloroform	5.102	83	1323	0.09	ug/L	99
27) 1,2-Dichloroethane	5.739	62	763	0.08	ug/L #	75
34) Trichloroethene	6.552	95	1011509	132.58	ug/L	98
35) Methylcyclohexane	6.700	83	9940	0.78	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4833	0.65	ug/L #	87
38) Bromodichloromethane	7.115	83	340	0.03	ug/L #	24
39) cis-1,3-Dichloropropene	7.572	75	1569	0.13	ug/L	85
42) Toluene	7.977	91	9580	0.31	ug/L	99
44) trans-1,3-Dichloropropene	8.186	75	903	0.08	ug/L	91
47) Tetrachloroethene	8.562	164	24838	3.92	ug/L	98
48) 2-Hexanone	8.649	43	15207	3.43	ug/L #	68
49) Dibromochloromethane	8.562	129	21837	2.98	ug/L #	12
53) m,p-Xylene	9.694	106	776	0.06	ug/L	63
59) 1,2,3-Trichloropropane	11.819	75	6222	1.18	ug/L	100

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Acq On : 12 Feb 2021 15:04
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Sample : M1406-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

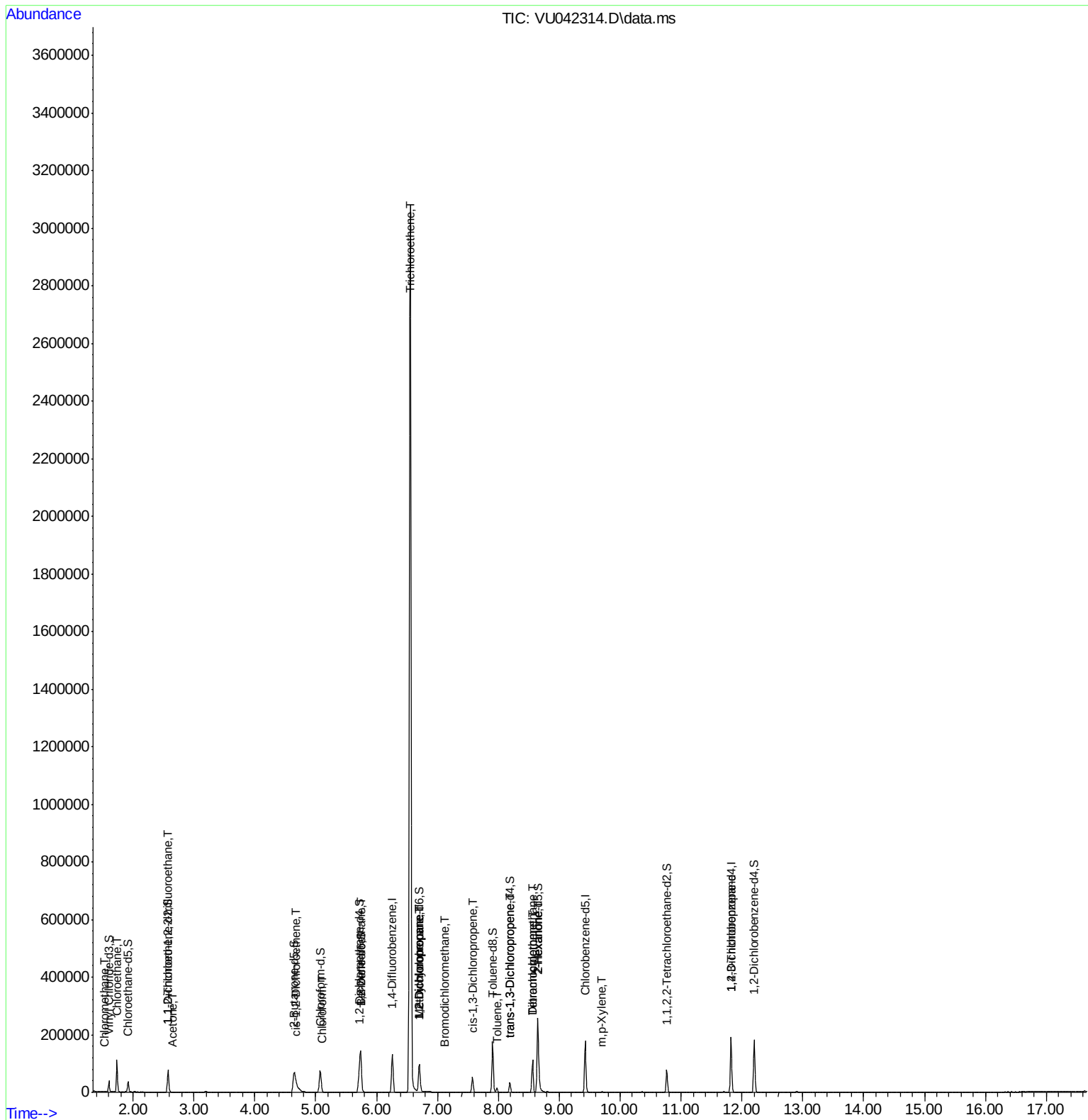
Instrument :
MSVOA_U
ClientSampleId :
BFTA5

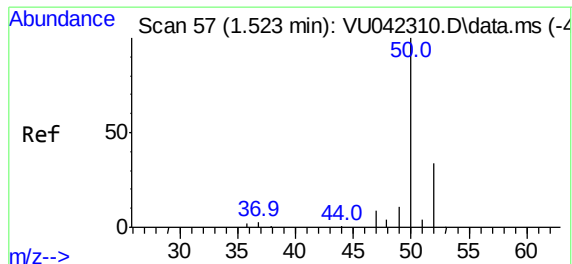
Quant Time: Feb 12 21:49:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 12 21:47:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 12 21:49:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
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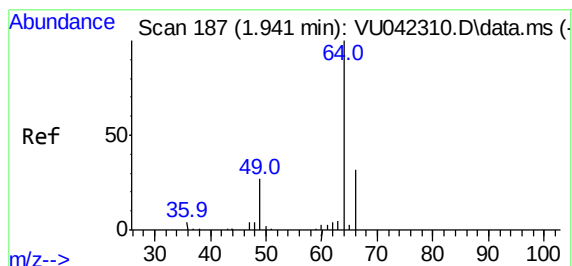
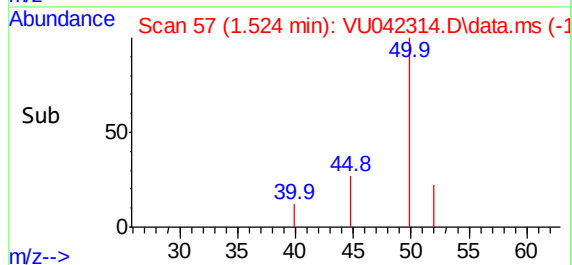
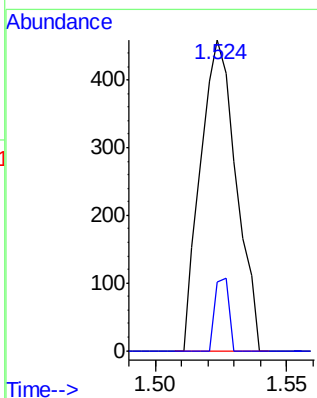
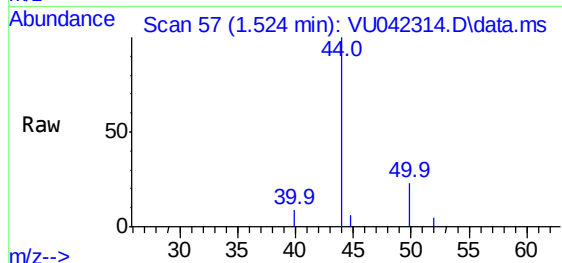




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

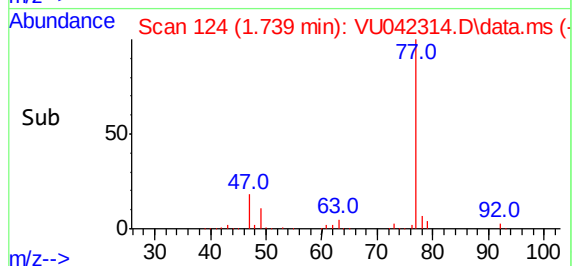
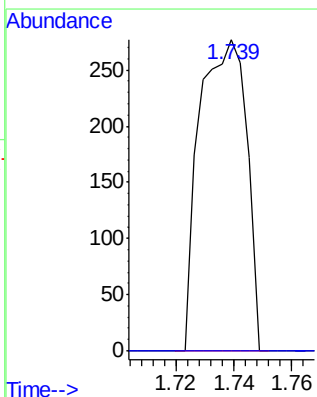
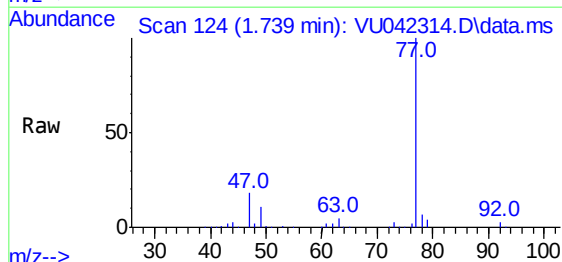
Instrument :
MSVOA_U
ClientSampleId :
BFTA5

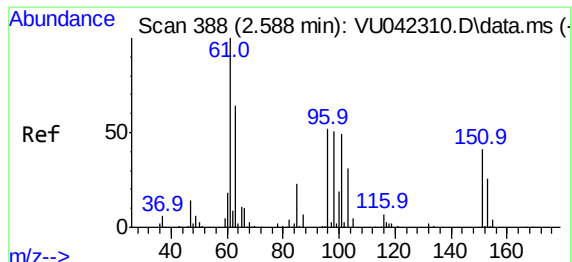
Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 22.0 23.0 42.8#



#8
Chloroethane
Concen: 0.06 ug/L
RT: 1.739 min Scan# 124
Delta R.T. -0.202 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

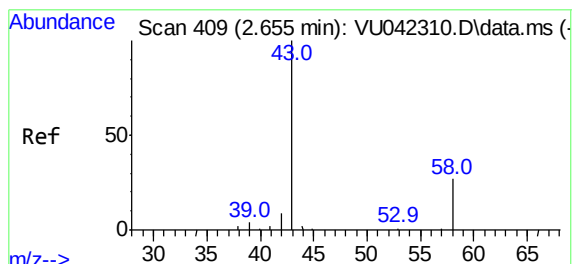
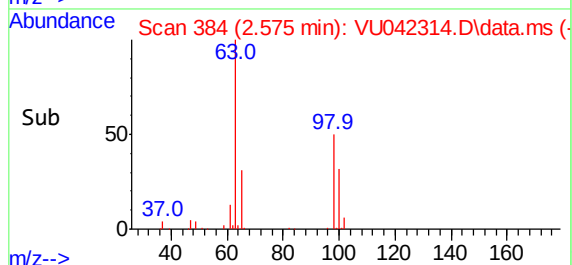
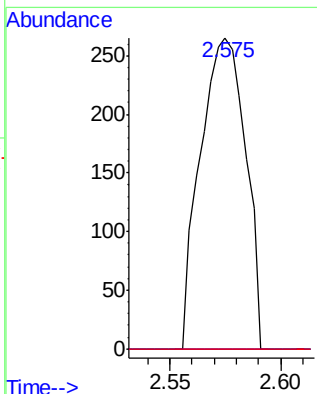
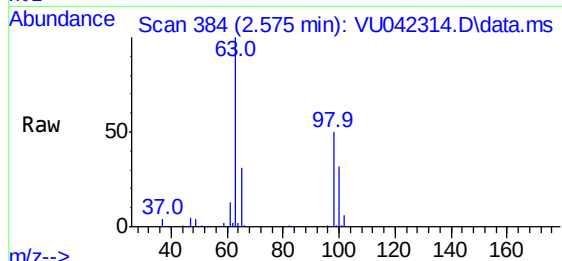




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU042314.D
 Acq: 12 Feb 2021 15:04

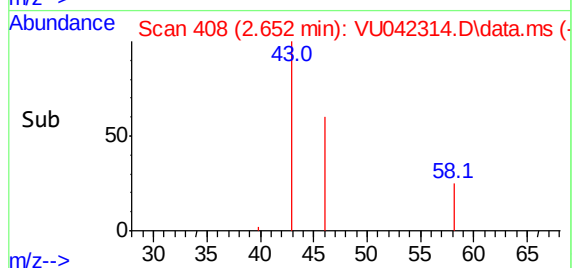
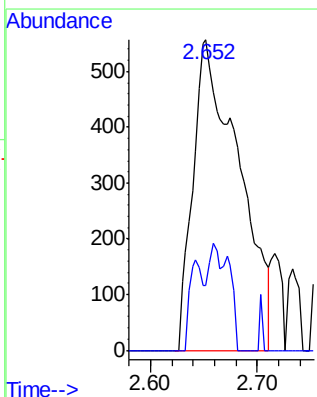
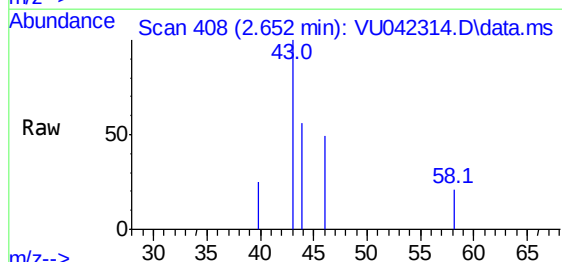
Instrument :
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 ClientSampleId :
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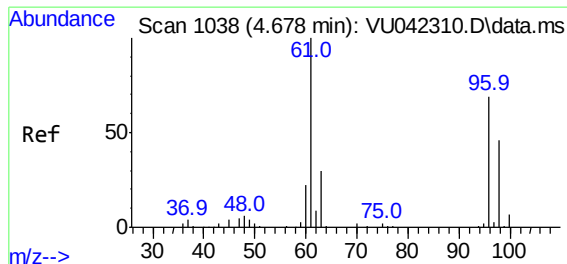
Tgt Ion:101 Resp: 373
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#13
 Acetone
 Concen: 1.02 ug/L
 RT: 2.652 min Scan# 408
 Delta R.T. -0.003 min
 Lab File: VU042314.D
 Acq: 12 Feb 2021 15:04

Tgt Ion: 43 Resp: 1649
 Ion Ratio Lower Upper
 43 100
 58 14.7 0.0 55.8



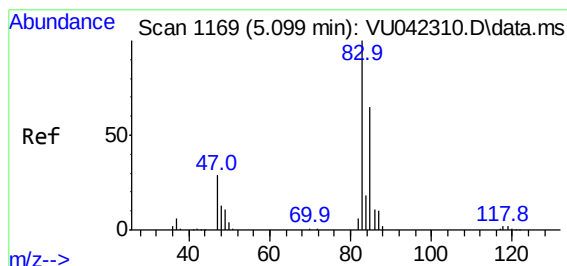
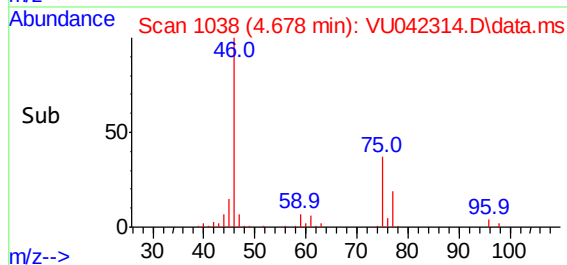
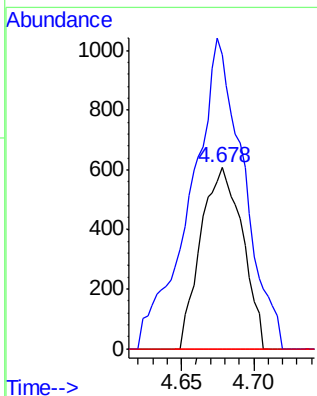
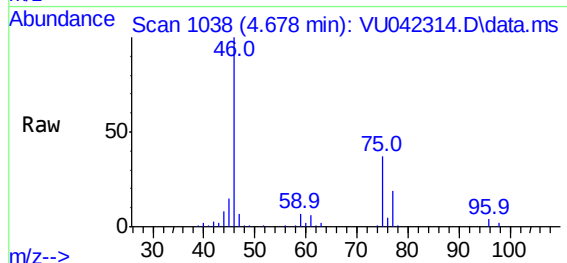


#22
 cis-1,2-Dichloroethene
 Concen: 0.15 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU042314.D
 Acq: 12 Feb 2021 15:04

Instrument :
 MSVOA_U
 ClientSampled :
 BFTA5

Tgt Ion: 96 Resp: 1217

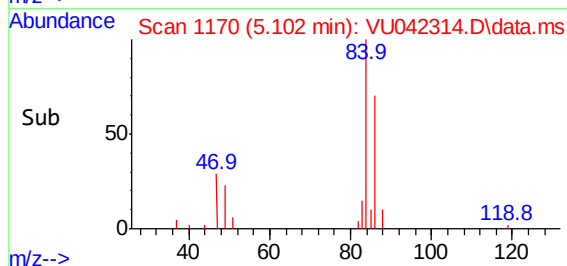
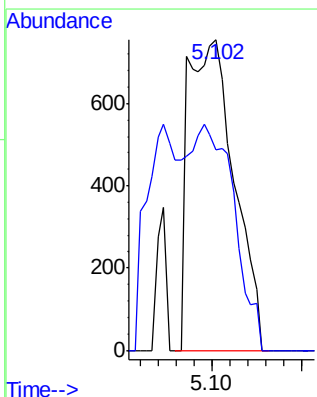
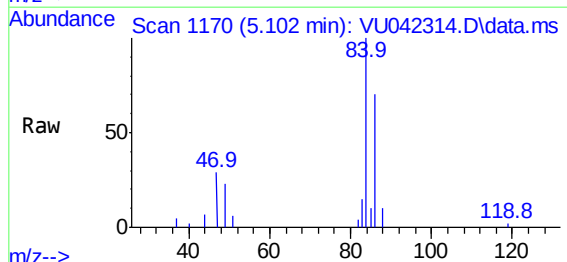
Ion	Ratio	Lower	Upper
96	100		
61	162.9	97.8	181.6
68	0.0	0.0	0.0

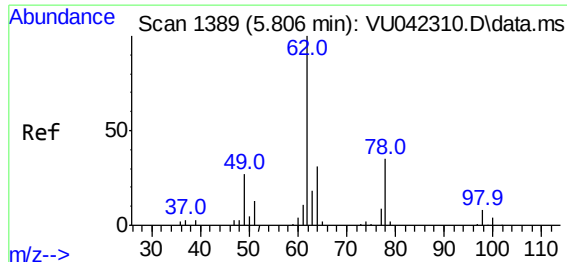


#25
 Chloroform
 Concen: 0.09 ug/L
 RT: 5.102 min Scan# 1170
 Delta R.T. 0.003 min
 Lab File: VU042314.D
 Acq: 12 Feb 2021 15:04

Tgt Ion: 83 Resp: 1323

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.7	84.9

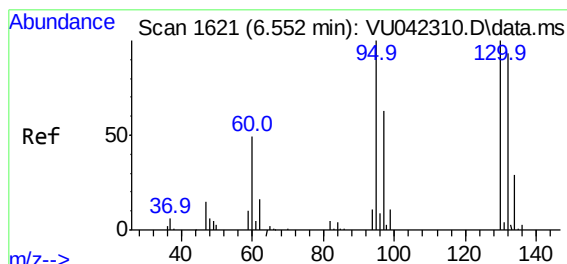
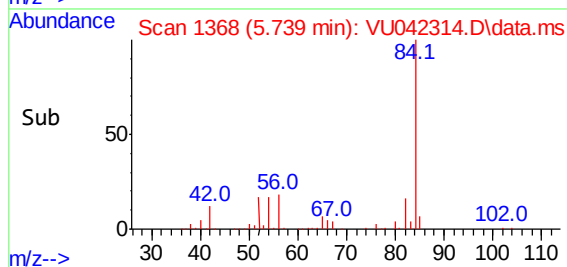
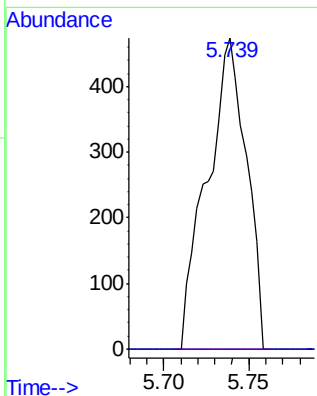
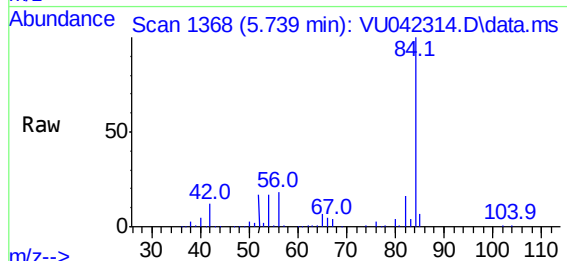




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.067 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

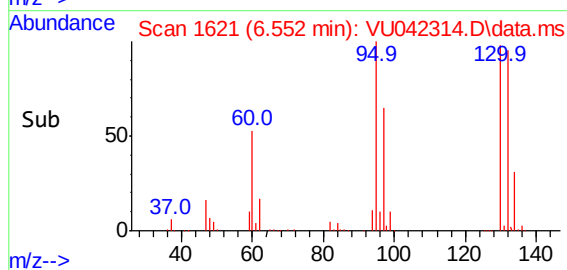
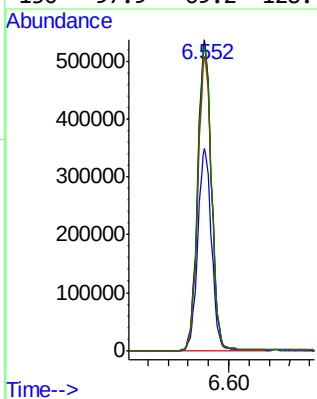
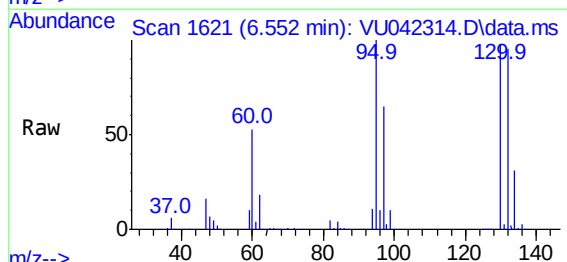
Instrument :
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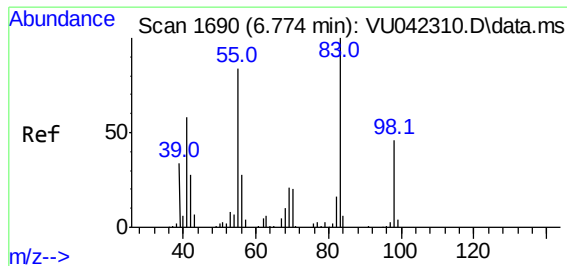
Tgt Ion: 62 Resp: 763
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 132.58 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

Tgt Ion: 95 Resp: 1011509
Ion Ratio Lower Upper
95 100
97 65.1 44.4 82.4
132 94.7 68.0 126.4
130 97.9 69.2 128.4

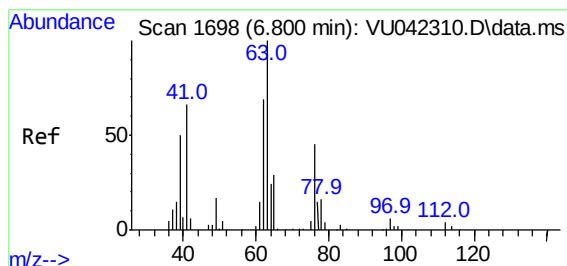
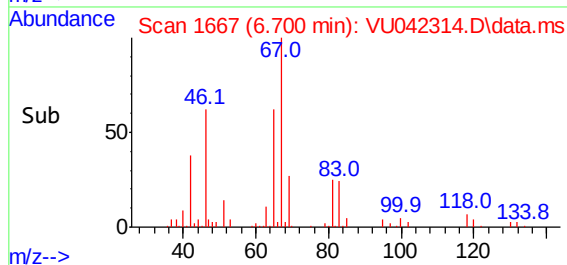
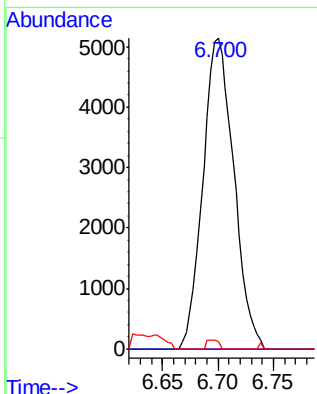
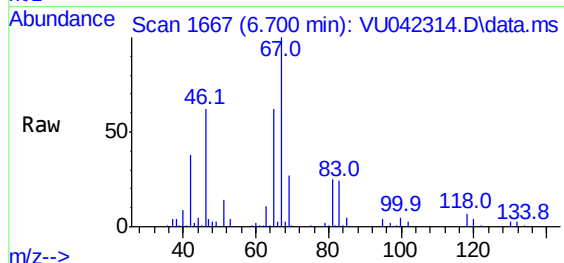




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

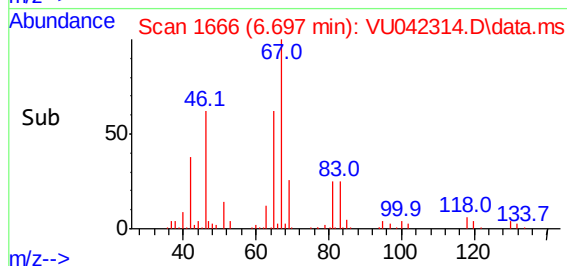
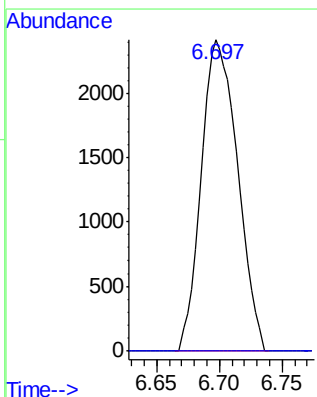
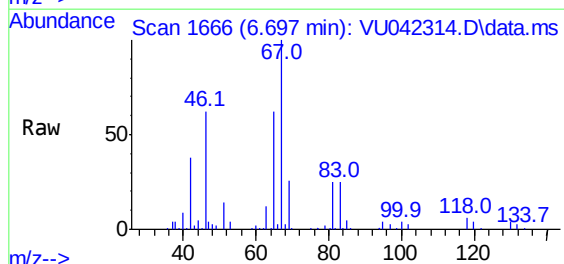
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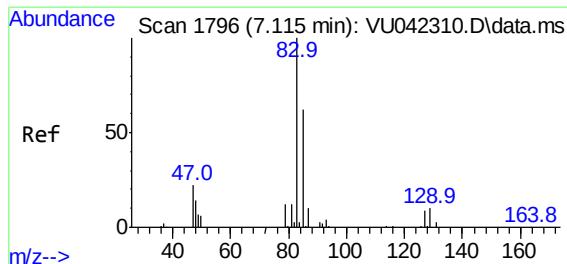
Tgt Ion: 83 Resp: 9940
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

Tgt Ion: 63 Resp: 4833
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

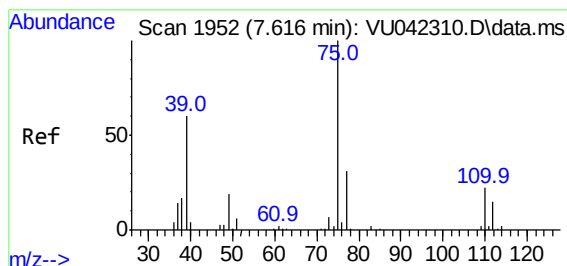
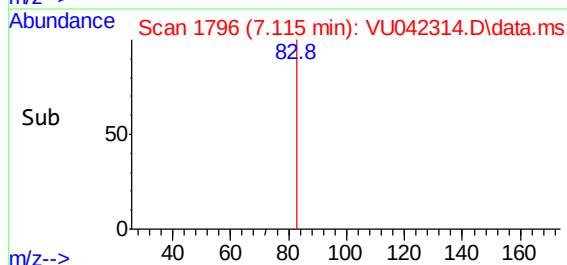
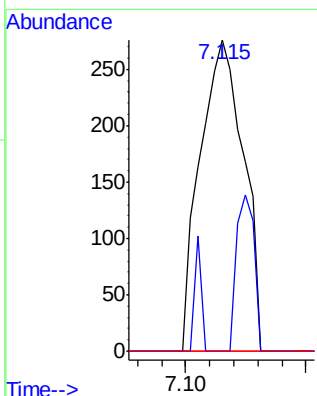
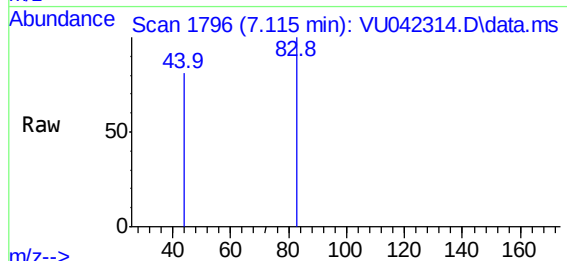




#38
Bromodichloromethane
Concen: 0.03 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

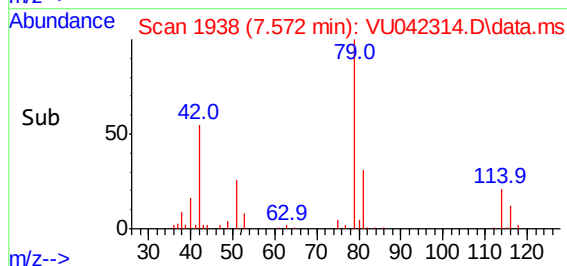
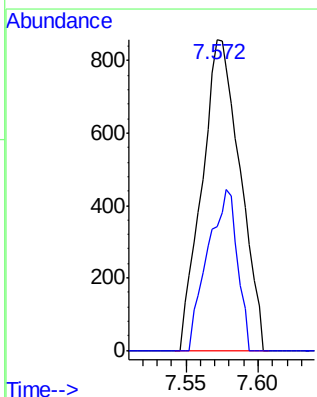
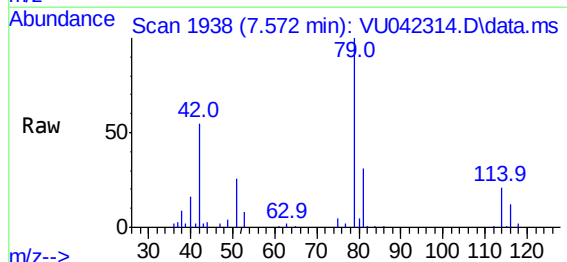
Instrument :
MSVOA_U
ClientSampleId :
BFTA5

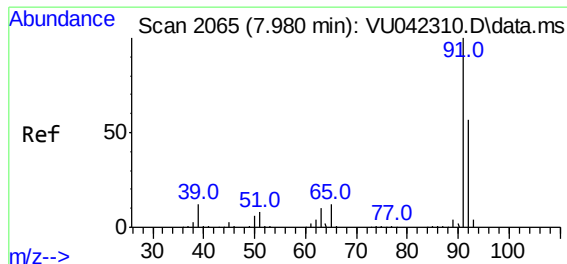
Tgt Ion: 83 Resp: 340
Ion Ratio Lower Upper
83 100
85 0.0 46.0 85.4#
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

Tgt Ion: 75 Resp: 1569
Ion Ratio Lower Upper
75 100
77 39.9 22.0 40.8

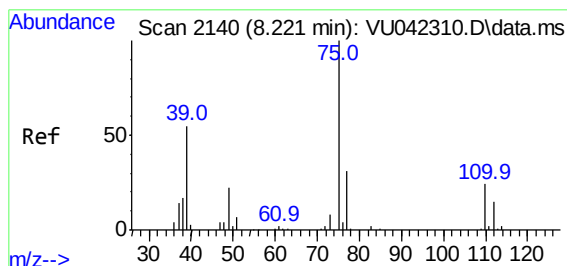
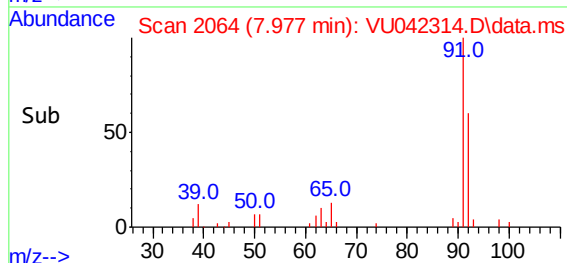
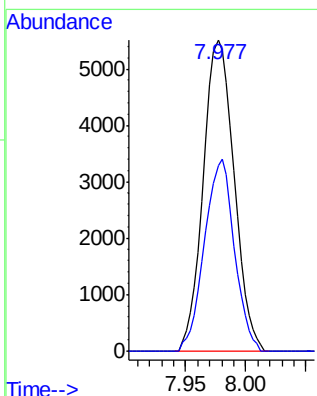
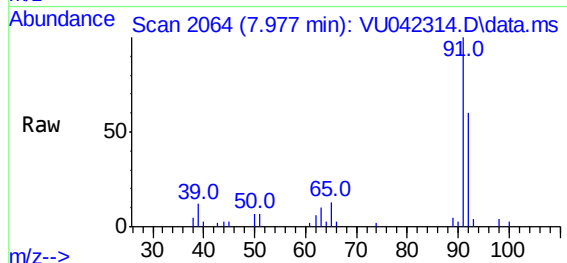




#42
Toluene
Concen: 0.31 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

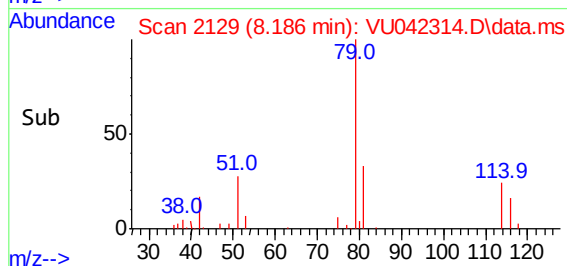
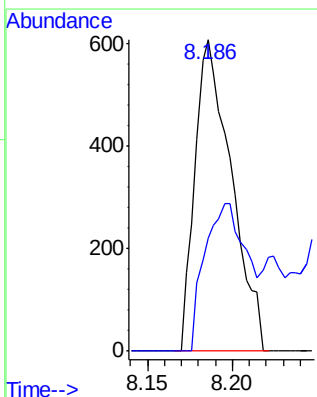
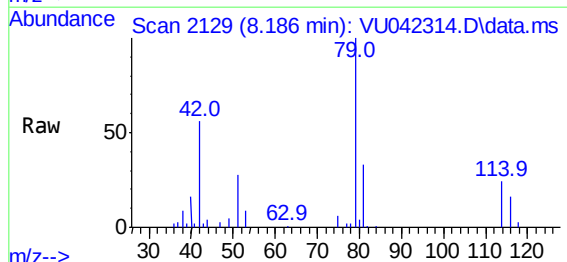
Instrument :
MSVOA_U
ClientSampleId :
BFTA5

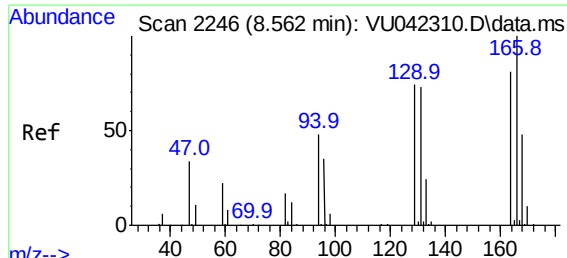
Tgt Ion: 91 Resp: 9580
Ion Ratio Lower Upper
91 100
92 59.8 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

Tgt Ion: 75 Resp: 903
Ion Ratio Lower Upper
75 100
77 36.2 21.8 40.4





#47

Tetrachloroethene

Concen: 3.92 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU042314.D

Acq: 12 Feb 2021 15:04

Tgt Ion:164 Resp: 24838

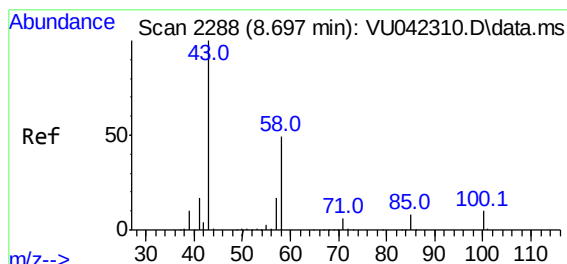
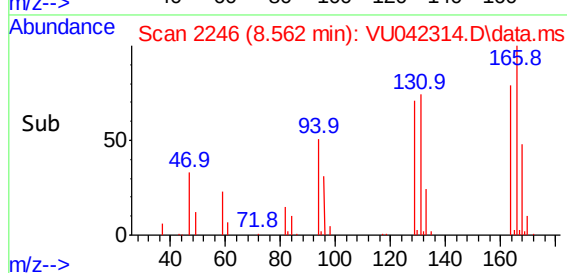
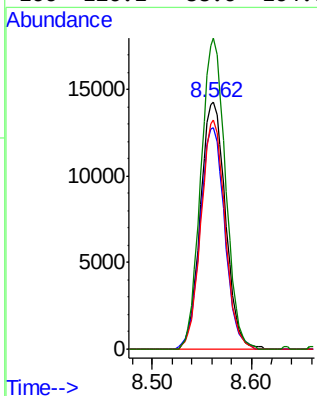
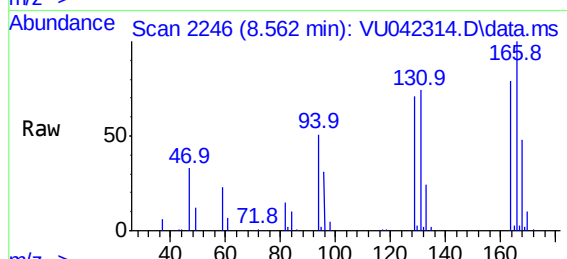
Ion Ratio Lower Upper

164 100

129 89.8 64.3 119.5

131 93.0 62.2 115.6

166 126.1 88.6 164.6



#48

2-Hexanone

Concen: 3.43 ug/L

RT: 8.649 min Scan# 2273

Delta R.T. -0.048 min

Lab File: VU042314.D

Acq: 12 Feb 2021 15:04

Tgt Ion: 43 Resp: 15207

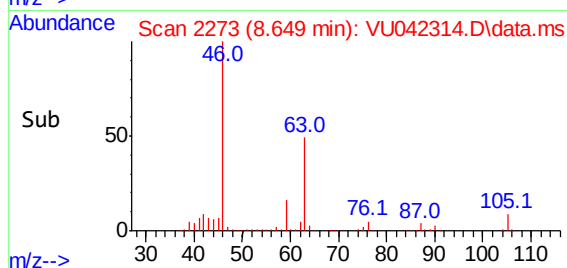
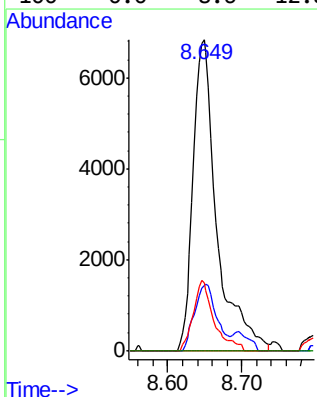
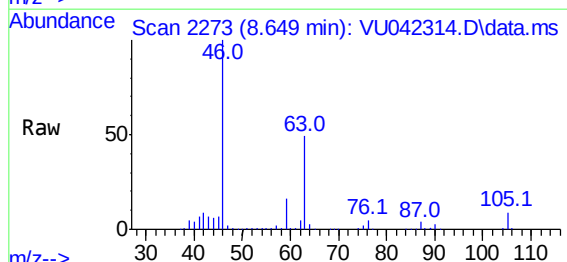
Ion Ratio Lower Upper

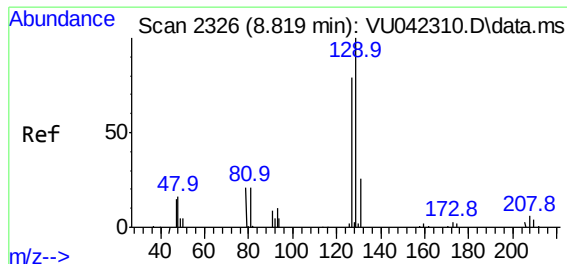
43 100

58 20.1 40.6 61.0#

57 19.4 14.9 22.3

100 0.0 8.6 12.8#

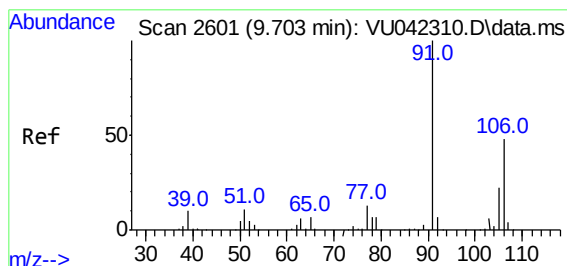
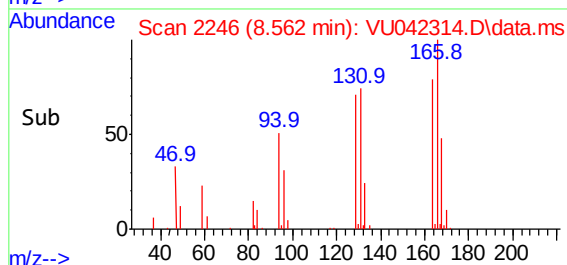
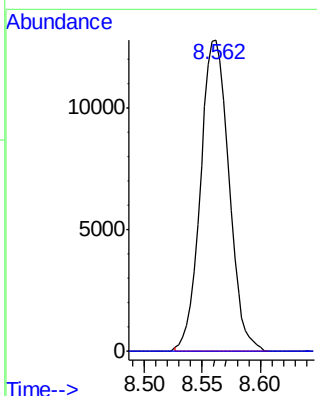
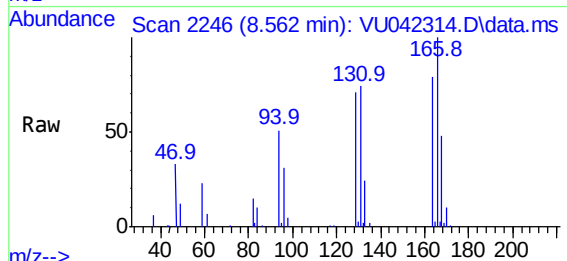




#49
Dibromochloromethane
Concen: 2.98 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

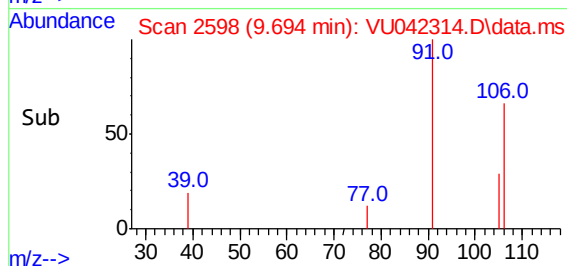
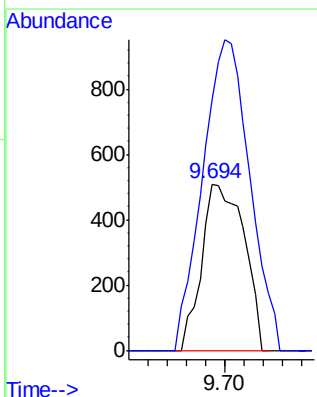
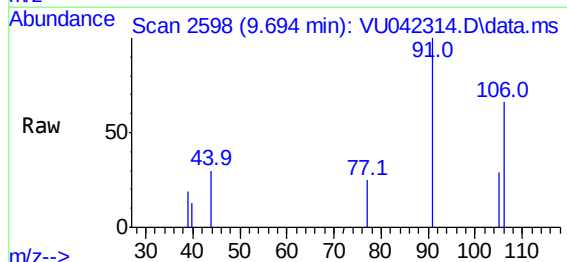
Instrument :
MSVOA_U
ClientSampleId :
BFTA5

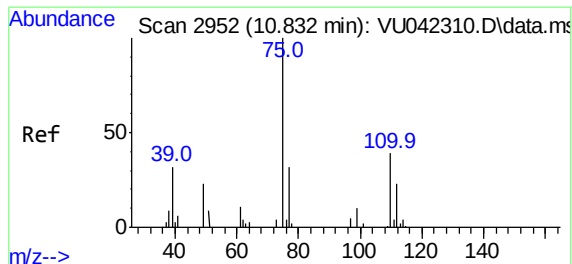
Tgt Ion:129 Resp: 21837
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#53
m,p-Xylene
Concen: 0.06 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.009 min
Lab File: VU042314.D
Acq: 12 Feb 2021 15:04

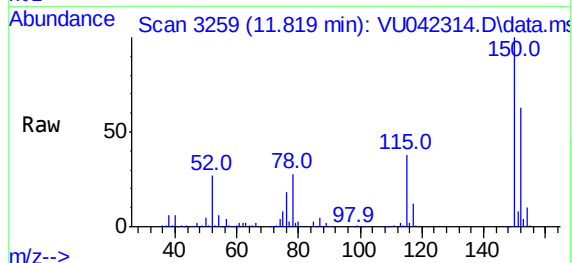
Tgt Ion:106 Resp: 776
Ion Ratio Lower Upper
106 100
91 150.6 145.1 269.5





#59
 1,2,3-Trichloropropane
 Concen: 1.18 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042314.D
 Acq: 12 Feb 2021 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA5



Tgt Ion: 75 Resp: 6222

Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.0	39.0

