

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042039.D
 Acq On : 14 Jan 2021 18:24
 Operator : SY/MD
 Sample : M1027-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8DL

Quant Time: Jan 15 06:33:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124338	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	113136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	47155	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39477	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.919	69	40954	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.571	63	58579	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.655	46	161912	51.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	5.073	84	88372	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.713	65	52036	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.735	84	176539	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.697	67	56032	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.902	98	135349	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloroprop...	8.182	79	21011	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.639	63	119498	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	48551	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	45434	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1114	0.08	ug/L	89
9) Trichlorofluoromethane	2.144	101	4047	0.22	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	663	0.07	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	732	0.07	ug/L #	1
16) Methylene chloride	3.057	84	2050	0.18	ug/L	89
17) Methyl tert-butyl Ether	3.375	73	1508	0.06	ug/L #	82
22) cis-1,2-Dichloroethene	4.671	96	2416	0.23	ug/L	99
25) Chloroform	5.099	83	1757	0.09	ug/L	92
27) 1,2-Dichloroethane	5.735	62	788	0.06	ug/L #	75
34) Trichloroethene	6.549	95	68348	6.53	ug/L	98
35) Methylcyclohexane	6.697	83	12755	0.77	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5531	0.51	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1358	0.08	ug/L	92
44) trans-1,3-Dichloropropene	8.192	75	972	0.07	ug/L #	45
47) Tetrachloroethene	8.555	164	14191	2.09	ug/L	96
48) 2-Hexanone	8.642	43	12834	2.53	ug/L #	67
49) Dibromochloromethane	8.555	129	14328	1.71	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	5536	0.77	ug/L	98

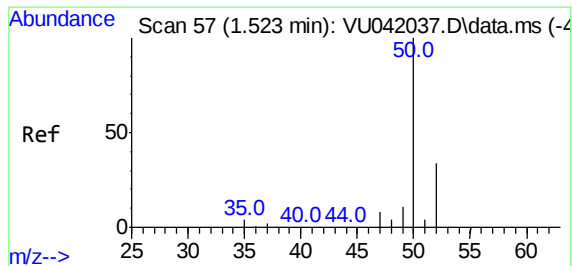
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042039.D
Acq On : 14 Jan 2021 18:24
Operator : SY/MD
Sample : M1027-20DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXN8DL

Quant Time: Jan 15 06:33:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 06:32:40 2021
Response via : Initial Calibration

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

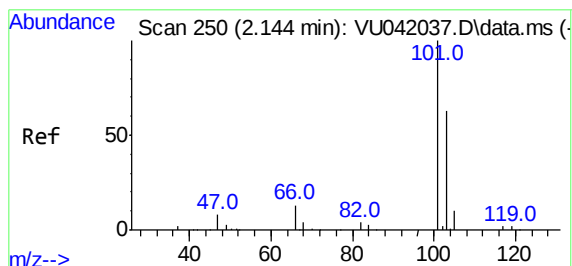
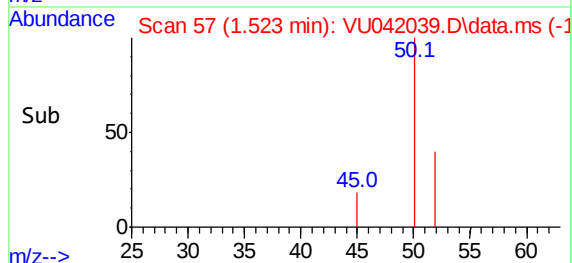
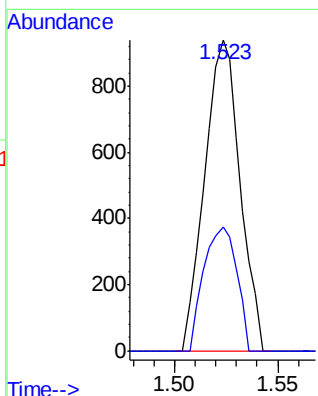
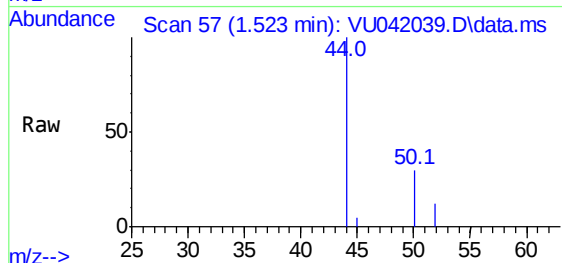
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

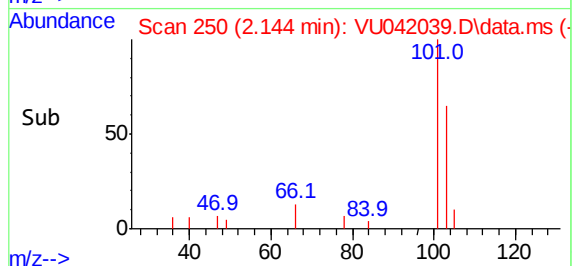
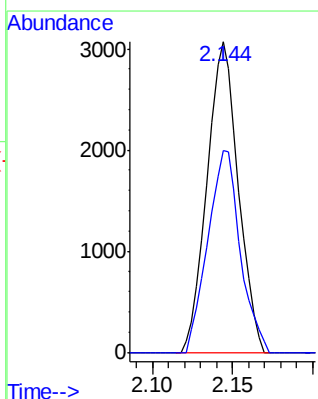
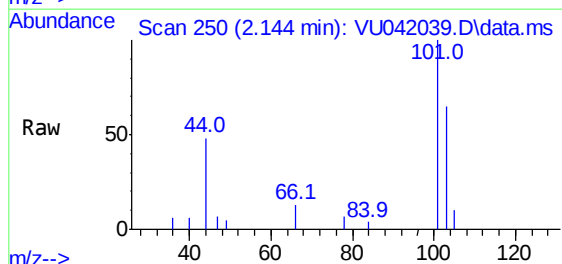
Instrument :
MSVOA_U
ClientSampleId :
BFXN8DL

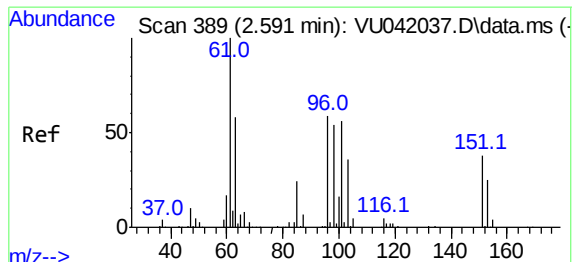
Tgt Ion: 50 Resp: 1114
Ion Ratio Lower Upper
50 100
52 40.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.22 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Tgt Ion:101 Resp: 4047
Ion Ratio Lower Upper
101 100
103 67.6 51.6 77.4

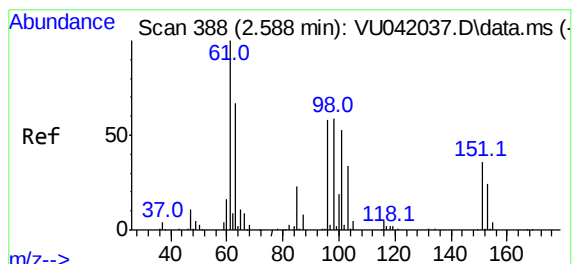
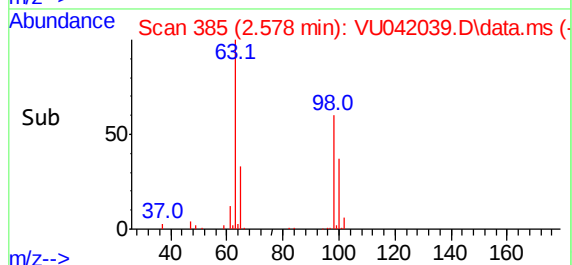
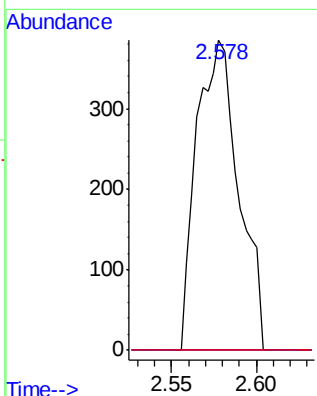
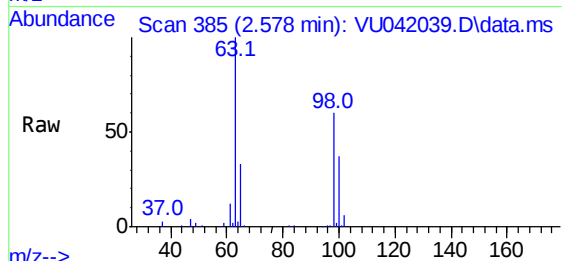




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.07 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.013 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

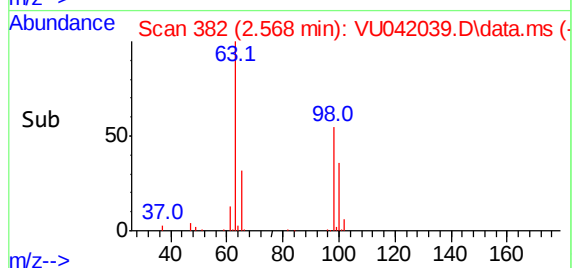
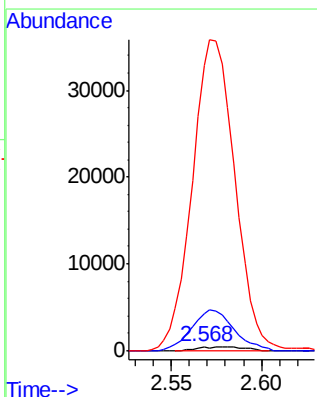
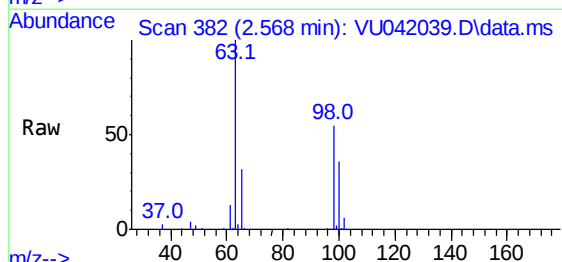
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8DL

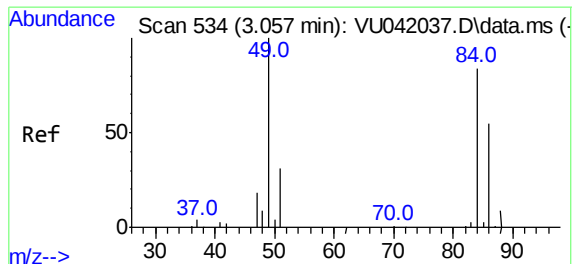
Tgt Ion:101 Resp: 663
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.07 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Tgt Ion: 96 Resp: 732
 Ion Ratio Lower Upper
 96 100
 61 1008.3 122.2 226.9#
 63 7823.3 82.8 153.8#

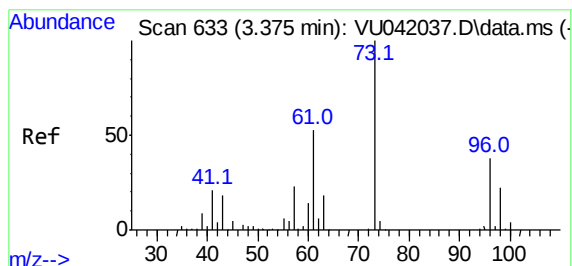
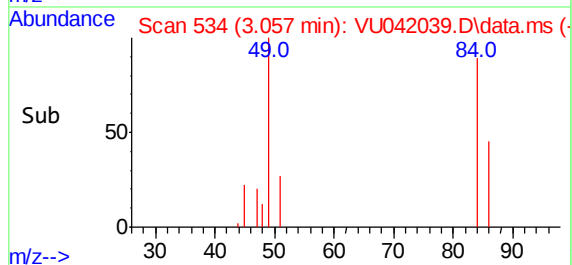
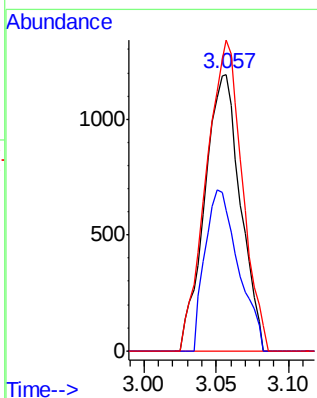
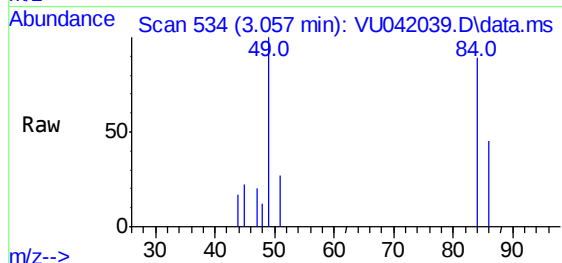




#16
Methylene chloride
Concen: 0.18 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

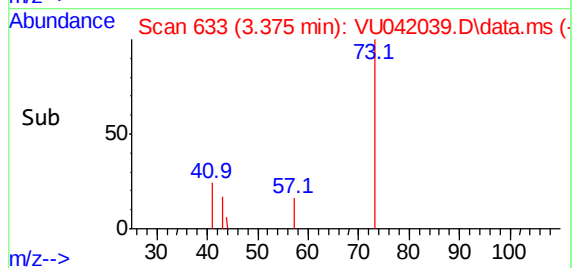
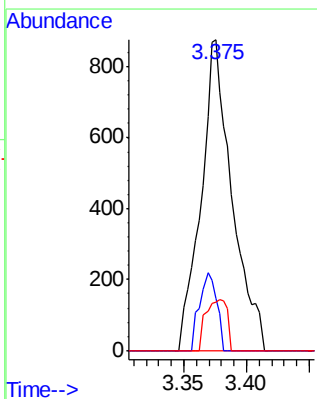
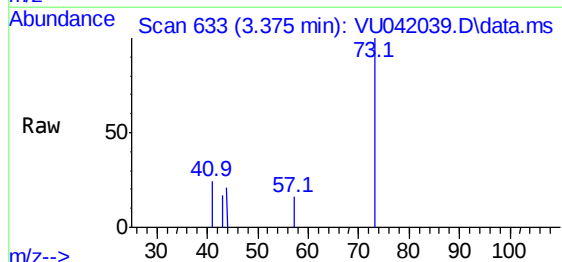
Instrument :
MSVOA_U
ClientSampled :
BFXN8DL

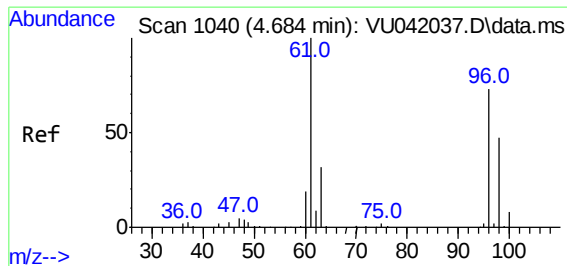
Tgt Ion: 84 Resp: 2050
Ion Ratio Lower Upper
84 100
86 50.6 42.6 79.0
49 112.4 86.2 160.0



#17
Methyl tert-butyl Ether
Concen: 0.06 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 73 Resp: 1508
Ion Ratio Lower Upper
73 100
43 13.7 15.1 22.7#
57 11.3 18.0 27.0#



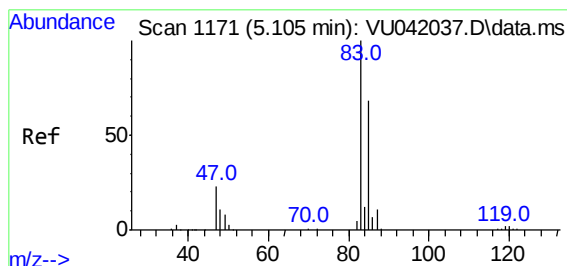
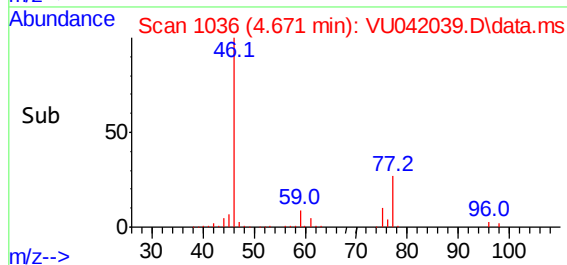
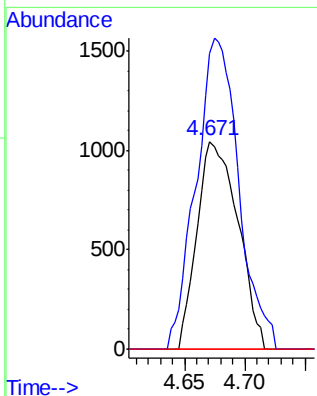
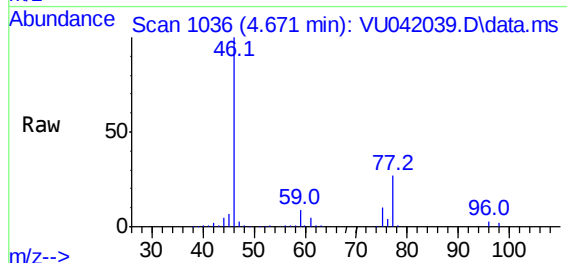


#22
 cis-1,2-Dichloroethene
 Concen: 0.23 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.013 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Instrument :
 MSVOA_U
 ClientSampled :
 BFXN8DL

Tgt Ion: 96 Resp: 2416

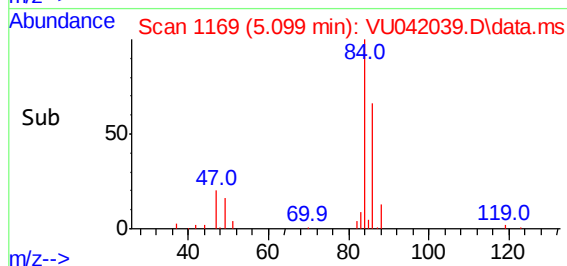
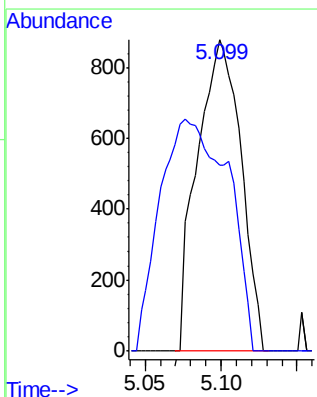
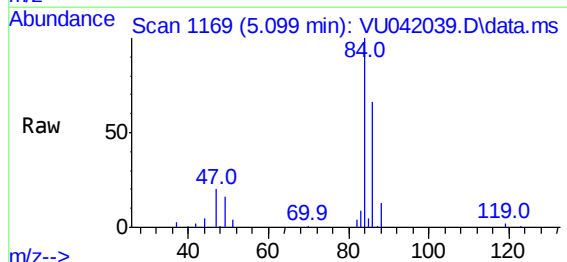
Ion	Ratio	Lower	Upper
96	100		
61	142.3	100.3	186.3
68	0.0	0.0	0.0

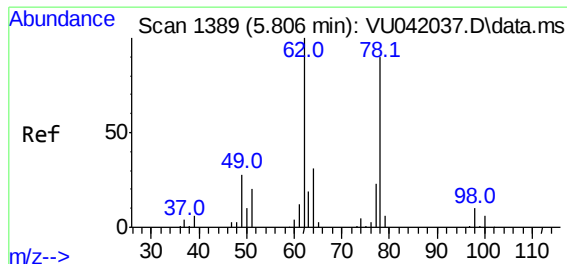


#25
 Chloroform
 Concen: 0.09 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. -0.006 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Tgt Ion: 83 Resp: 1757

Ion	Ratio	Lower	Upper
83	100		
85	59.7	46.1	85.7

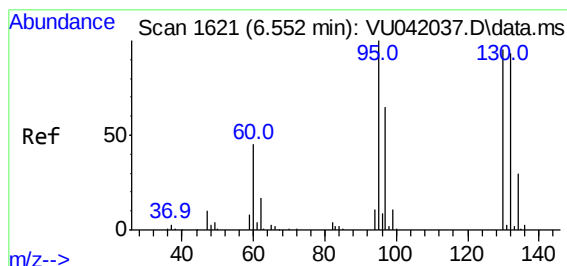
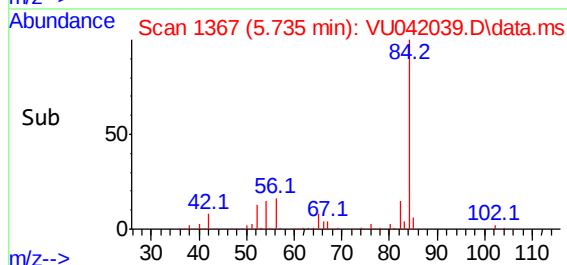
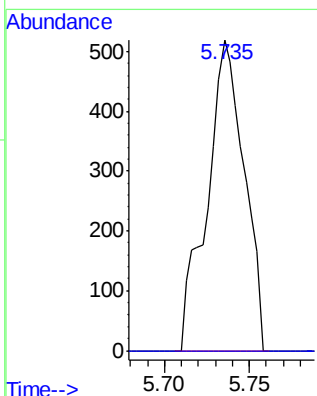
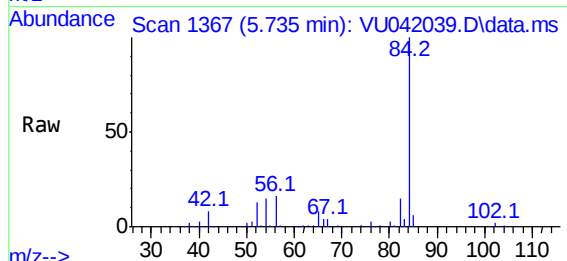




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

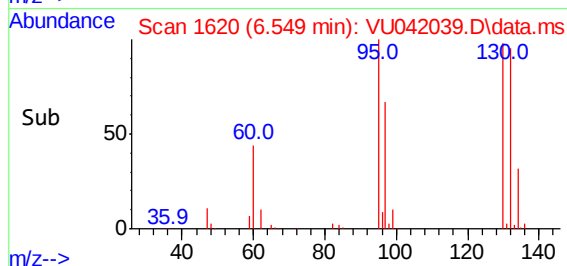
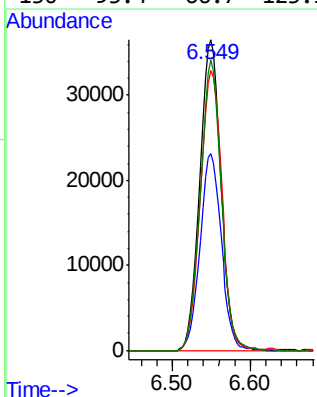
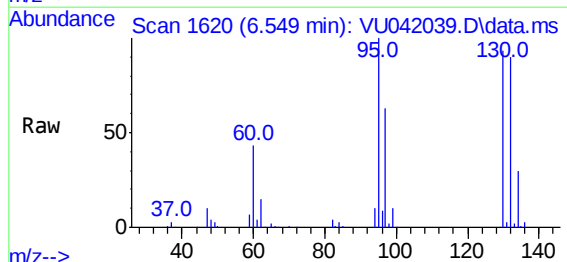
Instrument :
MSVOA_U
ClientSampleId :
BFXN8DL

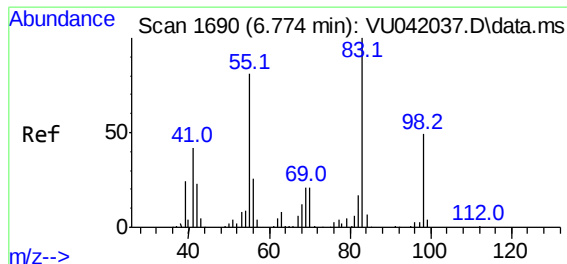
Tgt Ion: 62 Resp: 788
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 6.53 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 95 Resp: 68348
Ion Ratio Lower Upper
95 100
97 63.5 43.6 81.0
132 90.1 64.3 119.3
130 93.4 66.7 123.9

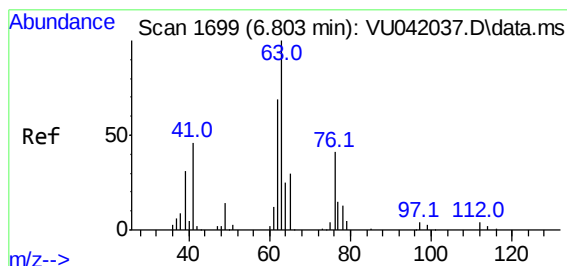
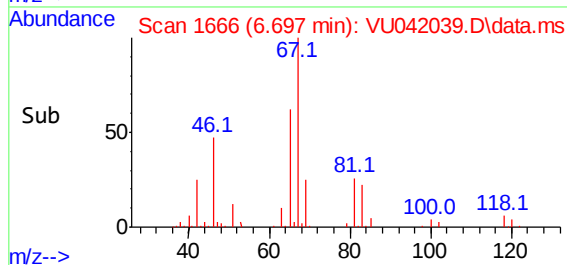
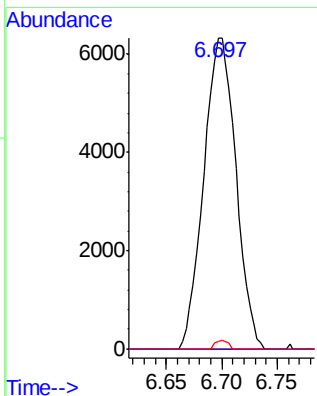
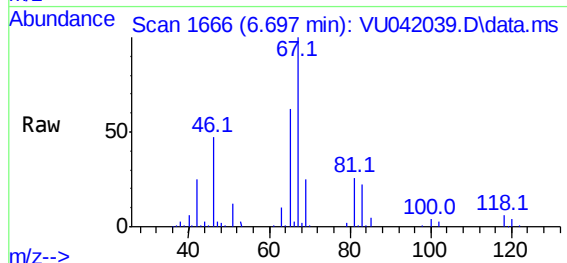




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

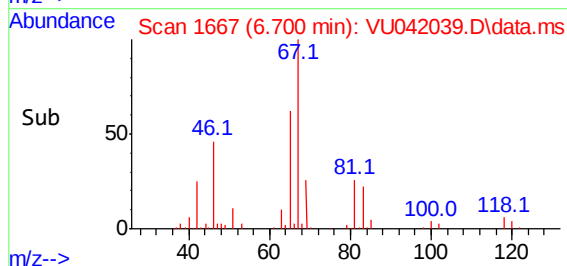
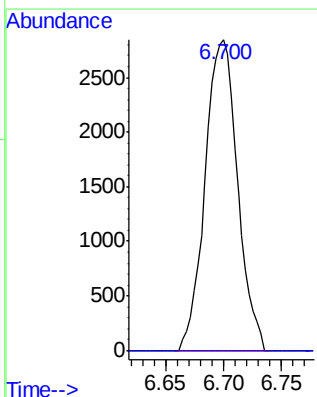
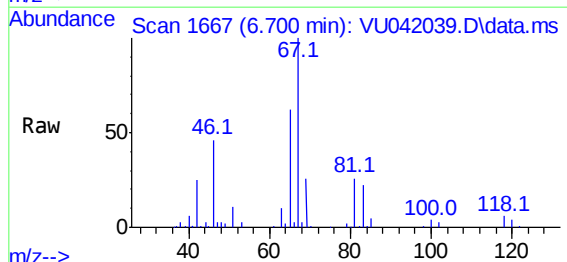
Instrument :
MSVOA_U
ClientSampleId :
BFXN8DL

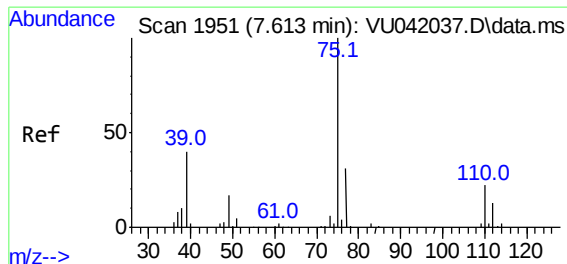
Tgt Ion: 83 Resp: 12755
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 1.1 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 63 Resp: 5531
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

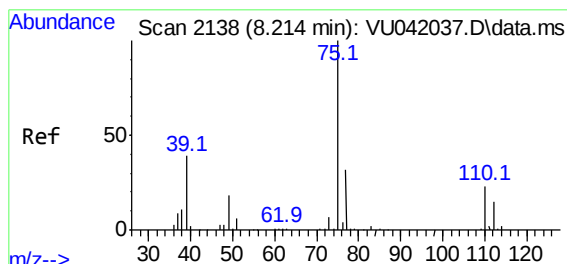
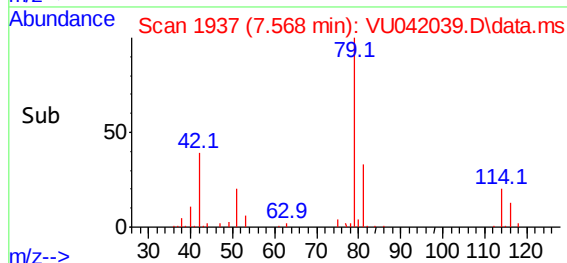
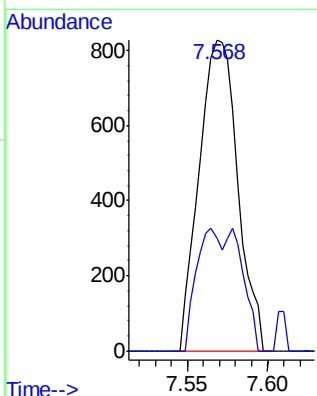
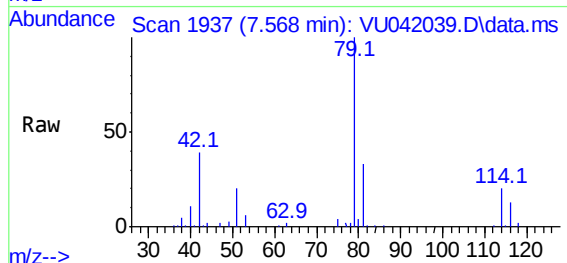




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

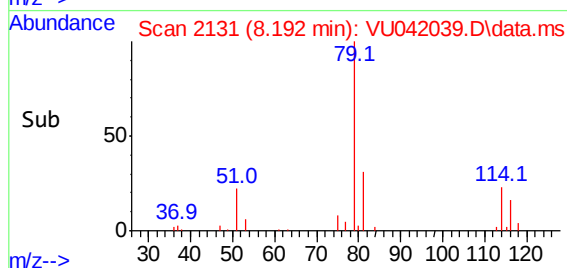
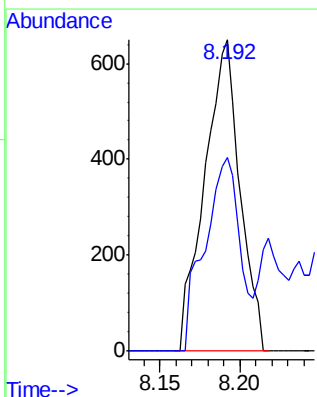
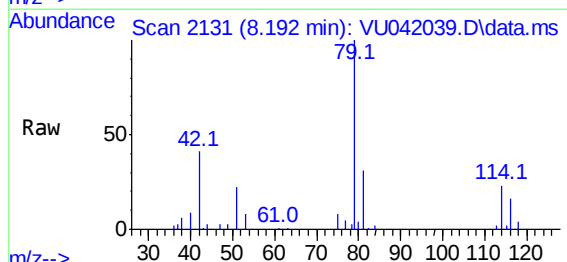
Instrument :
MSVOA_U
ClientSampleId :
BFXN8DL

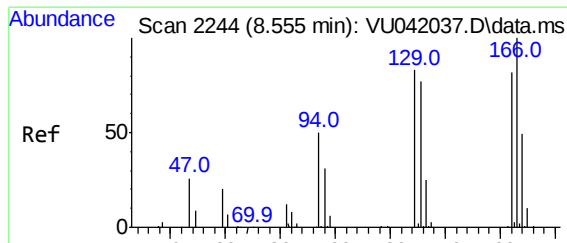
Tgt Ion: 75 Resp: 1358
Ion Ratio Lower Upper
75 100
77 36.0 21.9 40.7



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.023 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
77 62.0 22.0 41.0#

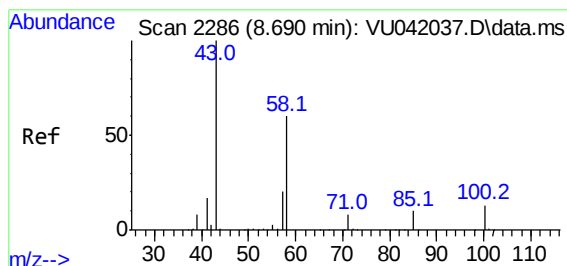
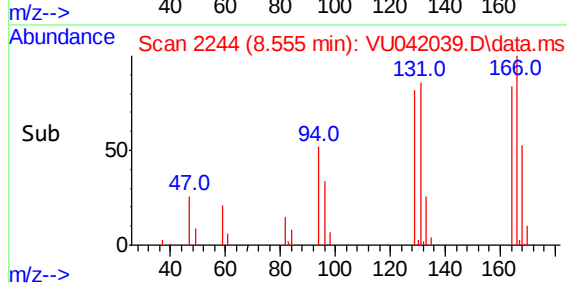
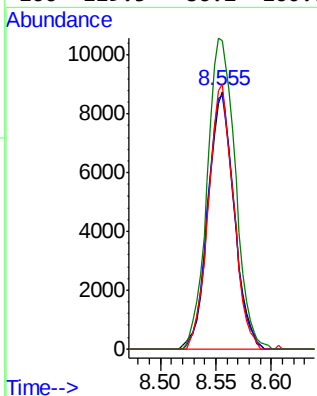
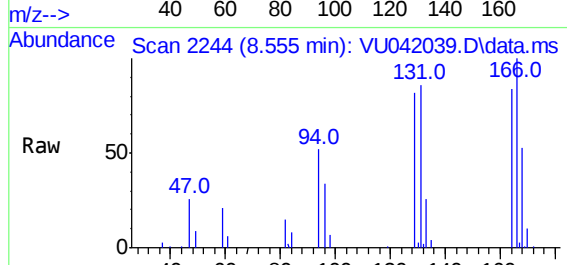




#47
Tetrachloroethene
Concen: 2.09 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

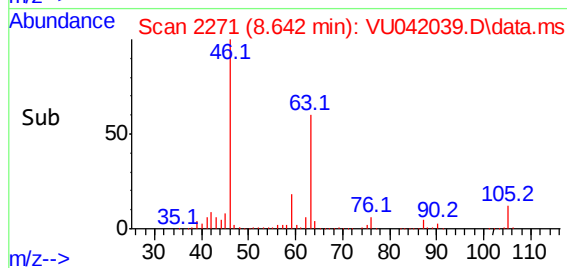
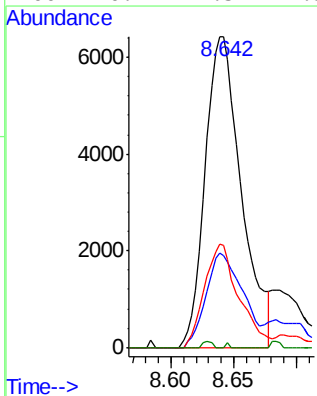
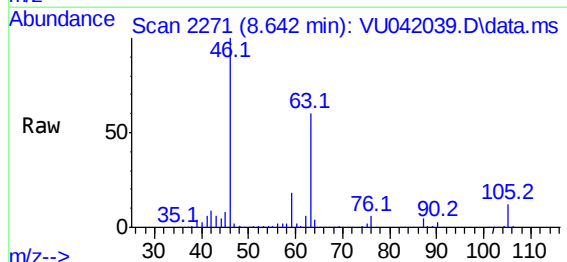
Instrument :
MSVOA_U
ClientSampled :
BFXN8DL

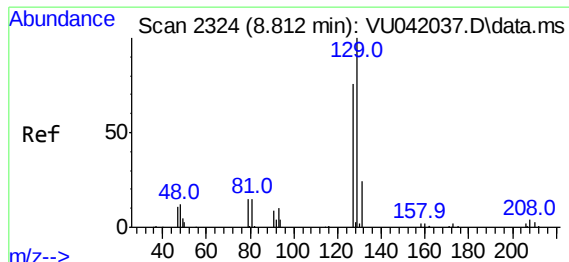
Tgt Ion:164 Resp: 14191
Ion Ratio Lower Upper
164 100
129 98.2 68.7 127.5
131 103.1 65.2 121.0
166 119.5 86.2 160.0



#48
2-Hexanone
Concen: 2.53 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 43 Resp: 12834
Ion Ratio Lower Upper
43 100
58 30.7 47.8 71.8#
57 31.8 17.4 26.0#
100 0.2 9.5 14.3#





#49

Dibromochloromethane

Concen: 1.71 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU042039.D

Acq: 14 Jan 2021 18:24

Tgt Ion: 129 Resp: 14328

Ion Ratio Lower Upper

129 100

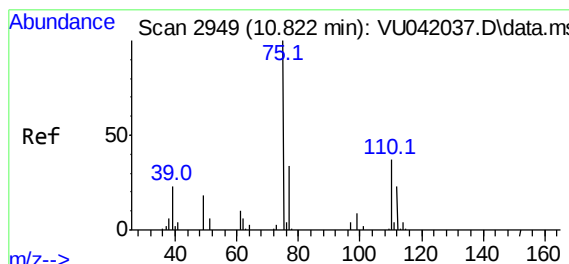
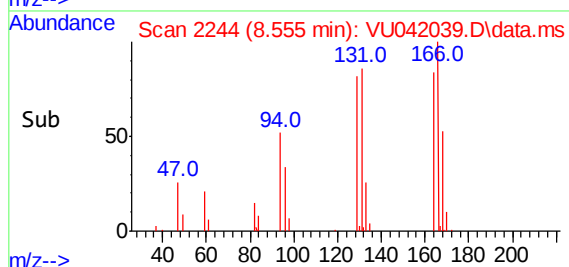
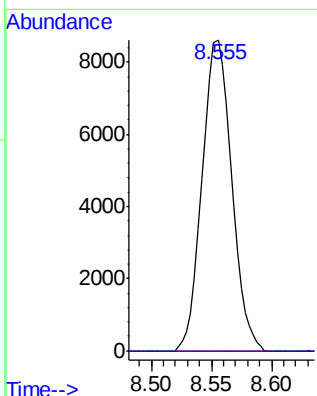
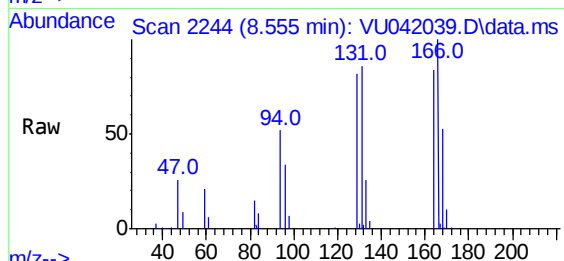
127 0.0 53.7 99.7#

Instrument :

MSVOA_U

ClientSampleId :

BFXN8DL



#59

1,2,3-Trichloropropane

Concen: 0.77 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.984 min

Lab File: VU042039.D

Acq: 14 Jan 2021 18:24

Tgt Ion: 75 Resp: 5536

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

