

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042032.D
 Acq On : 14 Jan 2021 14:14
 Operator : SY/MD
 Sample : M1027-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8

Quant Time: Jan 15 05:24:37 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	116537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	40116	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37021	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.919	69	39851	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.575	63	59007	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.655	46	145010	49.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	5.079	84	86368	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.716	65	50742	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.742	84	176386	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	57862	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.906	98	134204	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.185	79	20449	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.642	63	115128	50.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroeth...	10.758	84	46129	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	42314	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	962	0.09	ug/L	90
3) Chloromethane	1.523	50	2025	0.15	ug/L	94
9) Trichlorofluoromethane	2.147	101	20529	1.18	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	1543	0.17	ug/L #	67
12) 1,1-Dichloroethene	2.584	96	1157	0.13	ug/L #	1
13) Acetone	2.655	43	1424	0.77	ug/L #	28
17) Methyl tert-butyl Ether	3.382	73	7932	0.33	ug/L	97
19) 1,1-Dichloroethane	3.899	63	1422	0.08	ug/L #	86
22) cis-1,2-Dichloroethene	4.684	96	11389	1.18	ug/L	96
25) Chloroform	5.105	83	4249	0.23	ug/L	89
31) Carbon tetrachloride	5.536	117	3028	0.23	ug/L	90
34) Trichloroethene	6.552	95	339868	34.86	ug/L	99
35) Methylcyclohexane	6.700	83	12292	0.79	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5797	0.57	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1306	0.09	ug/L #	46
45) 1,1,2-Trichloroethane	8.552	97	607	0.08	ug/L #	16
47) Tetrachloroethene	8.558	164	70178	11.11	ug/L	96
48) 2-Hexanone	8.642	43	13789	2.92	ug/L #	68
49) Dibromochloromethane	8.558	129	71076	9.11	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	4614	0.69	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042032.D
Acq On : 14 Jan 2021 14:14
Operator : SY/MD
Sample : M1027-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXN8

Quant Time: Jan 15 05:24:37 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

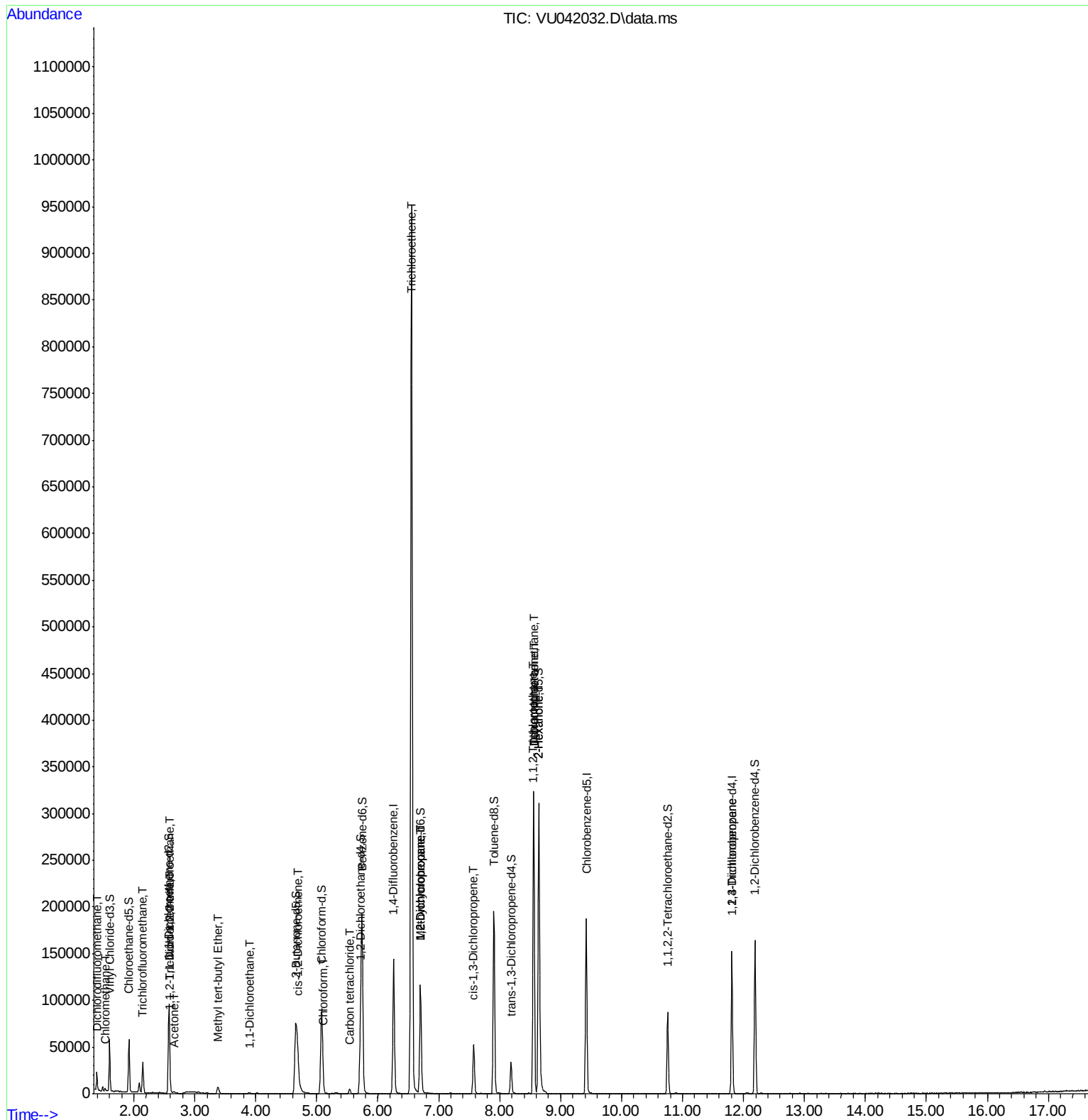
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

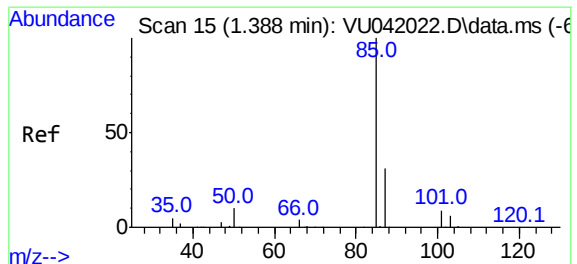
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042032.D
Acq On : 14 Jan 2021 14:14
Operator : SY/MD
Sample : M1027-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXN8

Quant Time: Jan 15 05:24:37 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

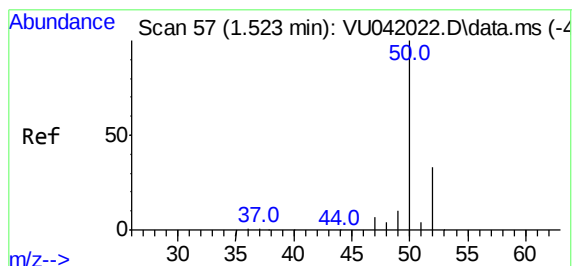
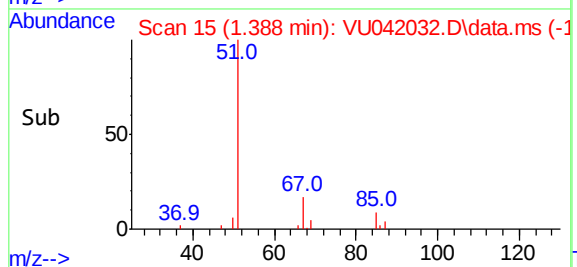
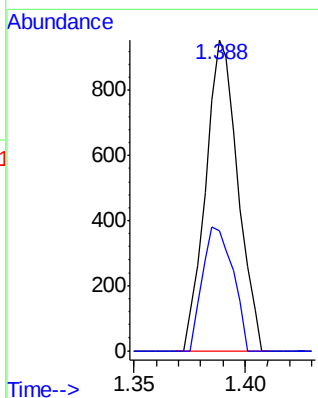
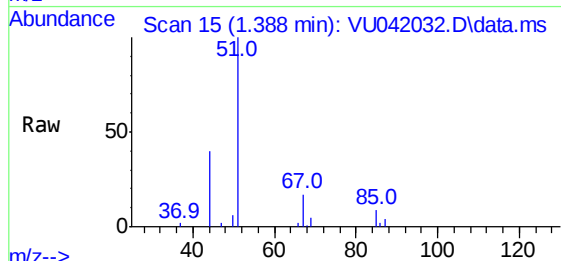




#2
Dichlorodifluoromethane
Concen: 0.09 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

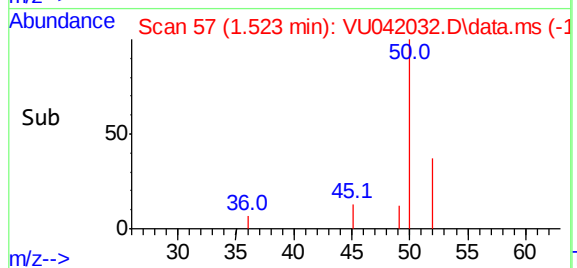
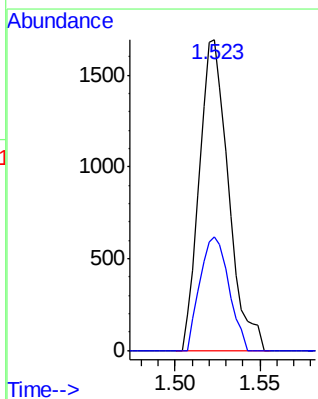
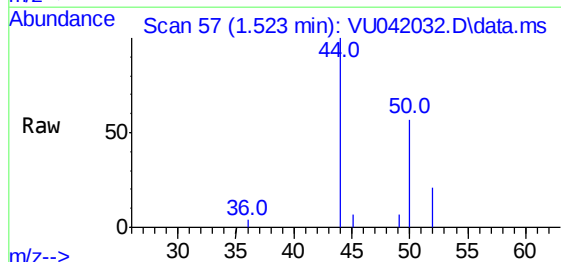
Instrument :
MSVOA_U
ClientSampleId :
BFXN8

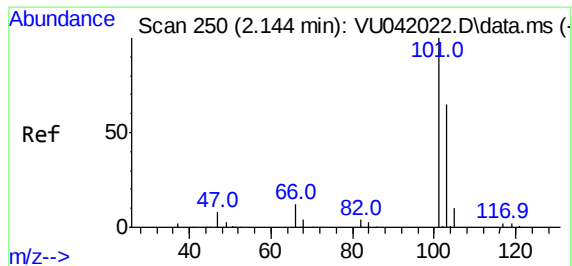
Tgt Ion: 85 Resp: 962
Ion Ratio Lower Upper
85 100
87 37.8 25.7 38.5



#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 50 Resp: 2025
Ion Ratio Lower Upper
50 100
52 36.7 23.5 43.7

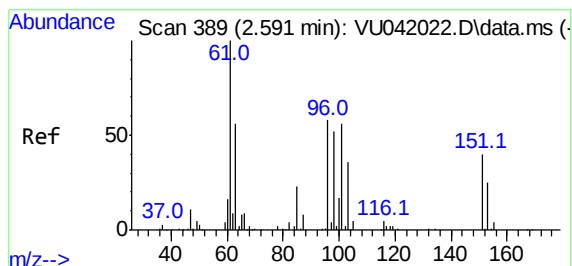
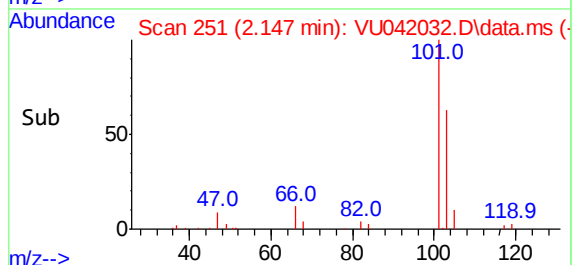
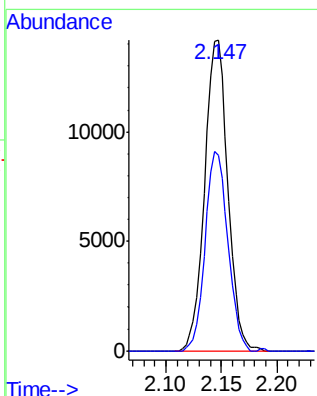
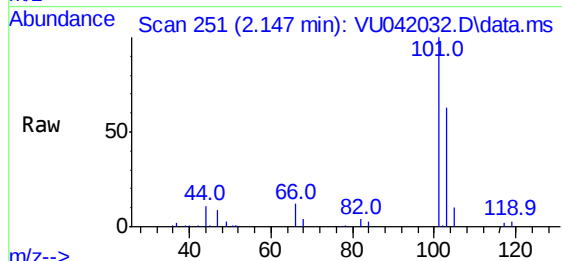




#9
 Trichlorofluoromethane
 Concen: 1.18 ug/L
 RT: 2.147 min Scan# 251
 Delta R.T. 0.003 min
 Lab File: VU042032.D
 Acq: 14 Jan 2021 14:14

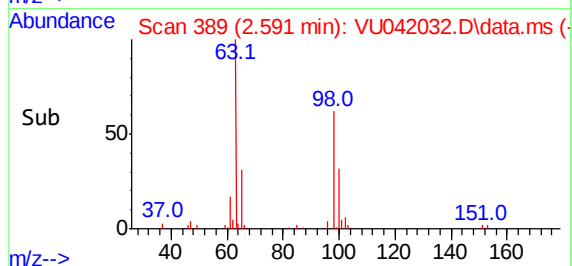
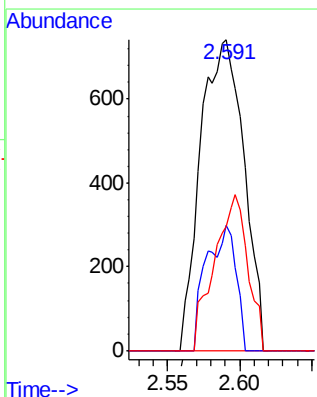
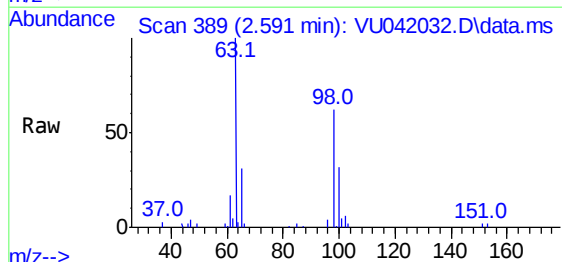
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8

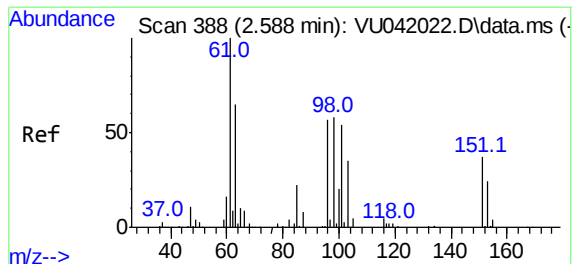
Tgt Ion:101 Resp: 20529
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.17 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU042032.D
 Acq: 14 Jan 2021 14:14

Tgt Ion:101 Resp: 1543
 Ion Ratio Lower Upper
 101 100
 85 27.5 35.9 53.9#
 151 38.6 55.4 83.2#

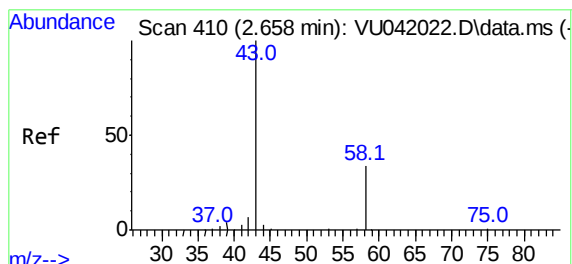
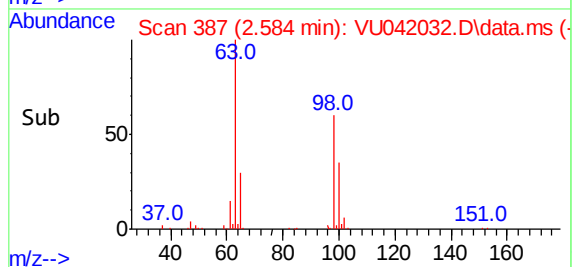
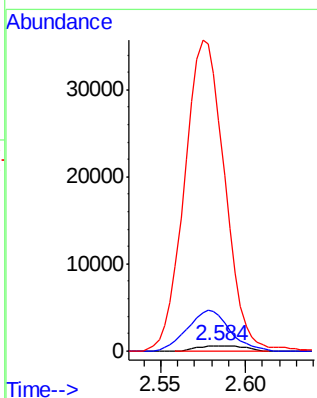
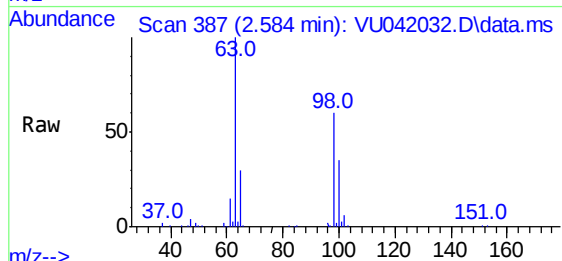




#12
1,1-Dichloroethene
Concen: 0.13 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

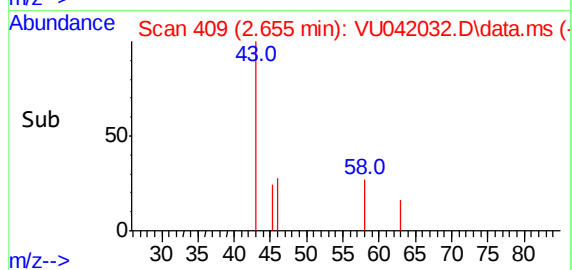
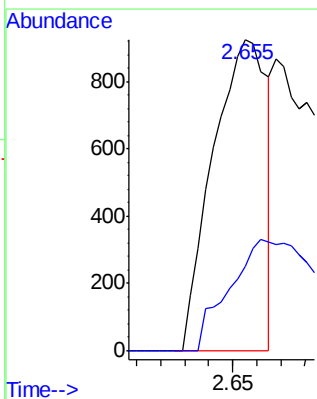
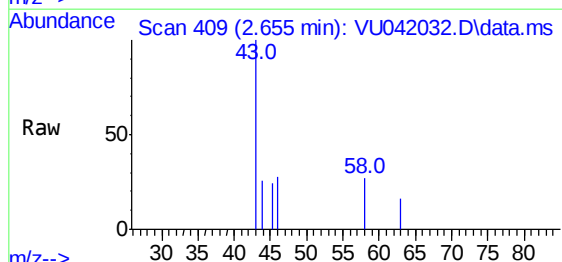
Instrument :
MSVOA_U
ClientSampleId :
BFXN8

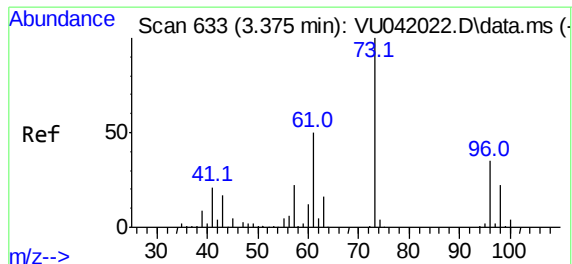
Tgt Ion: 96 Resp: 1157
Ion Ratio Lower Upper
96 100
61 679.4 122.2 226.9#
63 4432.2 82.8 153.8#



#13
Acetone
Concen: 0.77 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 66.7 0.0 57.4#

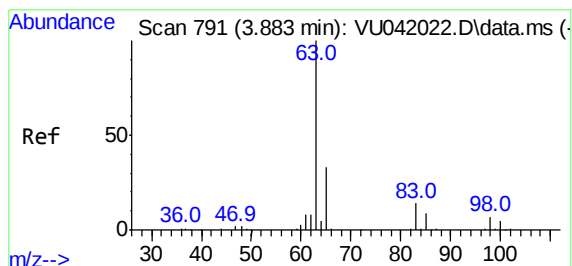
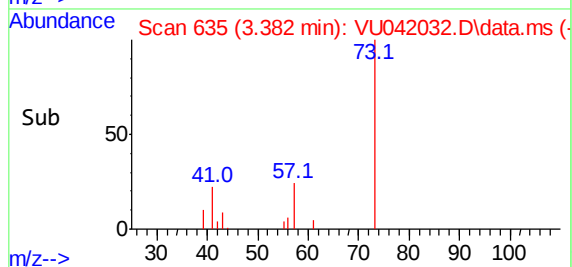
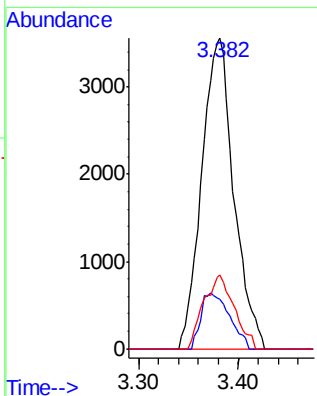
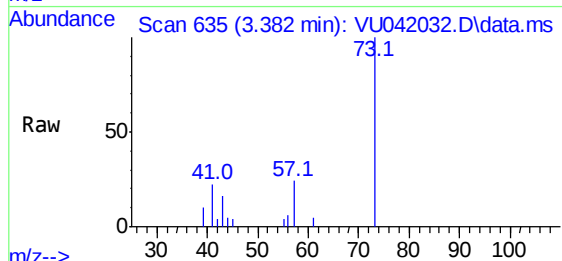




#17
Methyl tert-butyl Ether
Concen: 0.33 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.006 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

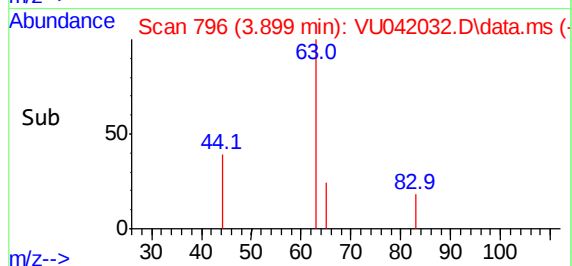
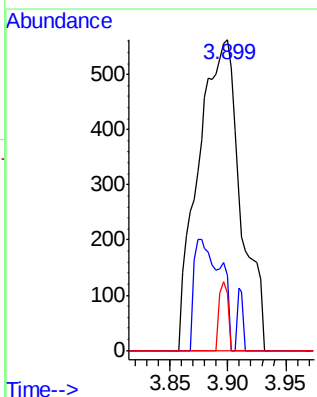
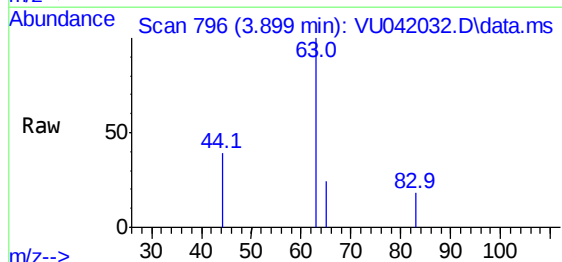
Instrument :
MSVOA_U
ClientSampled :
BFXN8

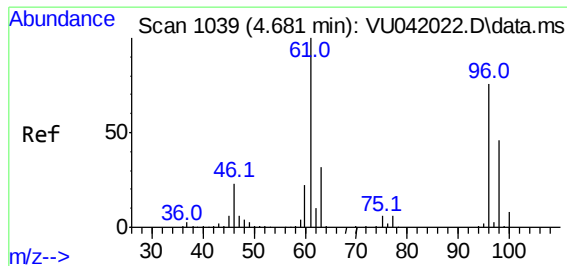
Tgt Ion: 73 Resp: 7932
Ion Ratio Lower Upper
73 100
43 16.2 15.1 22.7
57 22.6 18.0 27.0



#19
1,1-Dichloroethane
Concen: 0.08 ug/L
RT: 3.899 min Scan# 796
Delta R.T. 0.016 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 63 Resp: 1422
Ion Ratio Lower Upper
63 100
65 24.3 22.7 42.1
83 18.5 9.4 17.6#

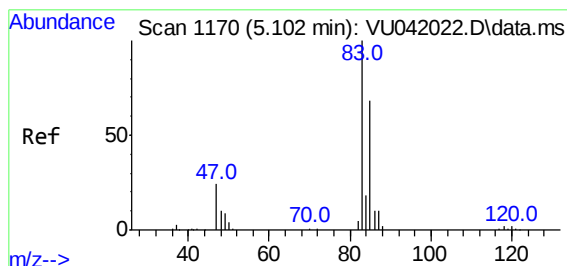
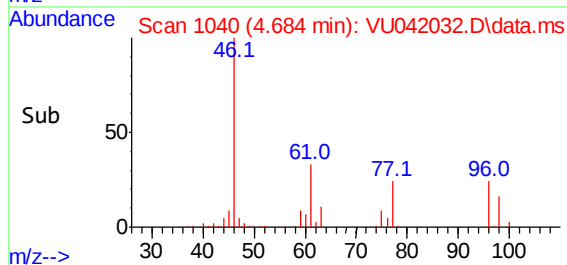
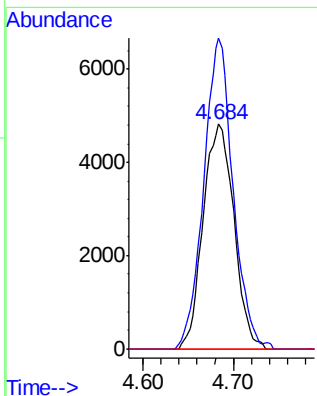
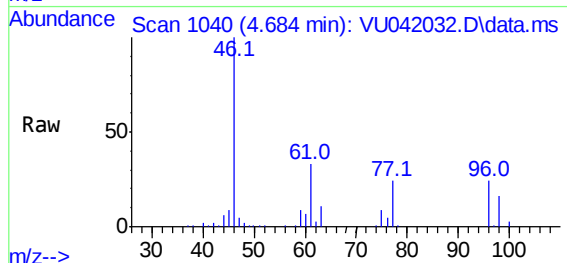




#22
cis-1,2-Dichloroethene
Concen: 1.18 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

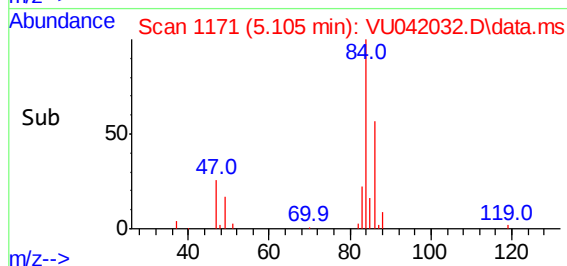
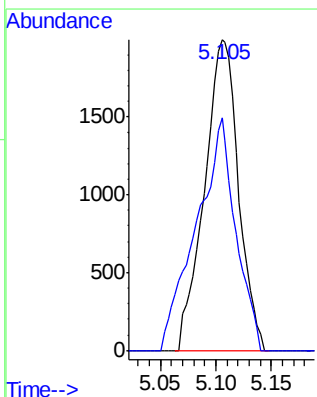
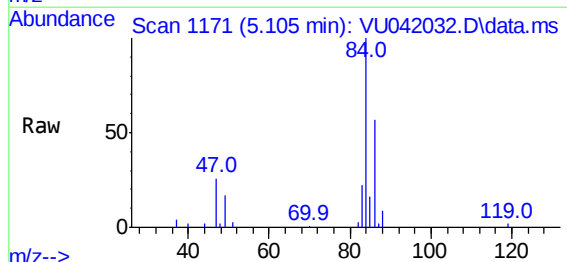
Instrument :
MSVOA_U
ClientSampled :
BFXN8

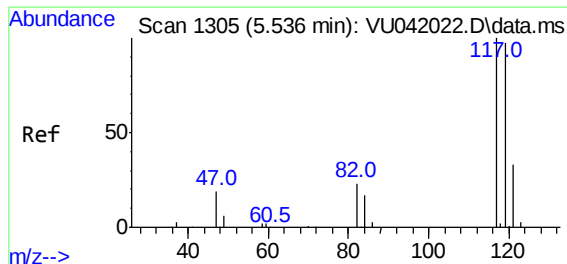
Tgt Ion: 96 Resp: 11389
Ion Ratio Lower Upper
96 100
61 138.2 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.23 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 83 Resp: 4249
Ion Ratio Lower Upper
83 100
85 74.8 46.1 85.7

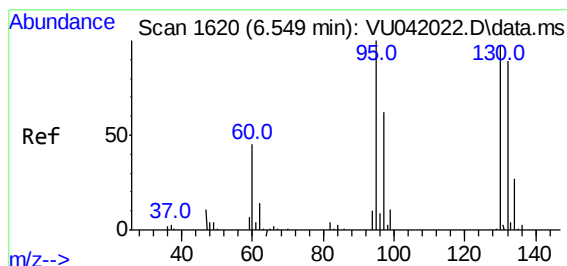
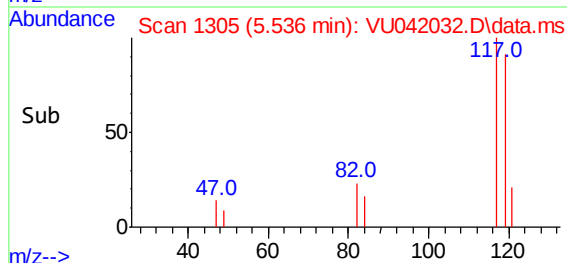
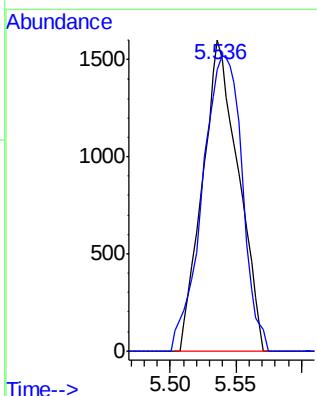
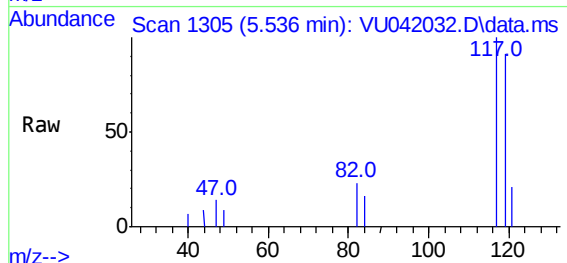




#31
Carbon tetrachloride
Concen: 0.23 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

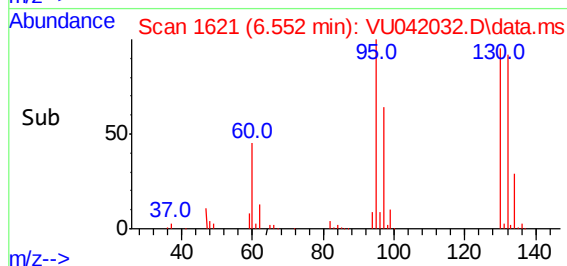
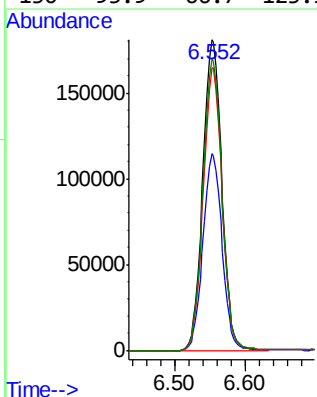
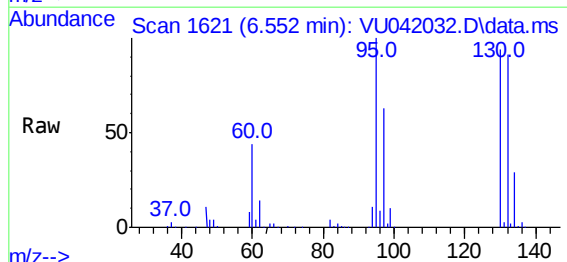
Instrument :
MSVOA_U
ClientSampleId :
BFXN8

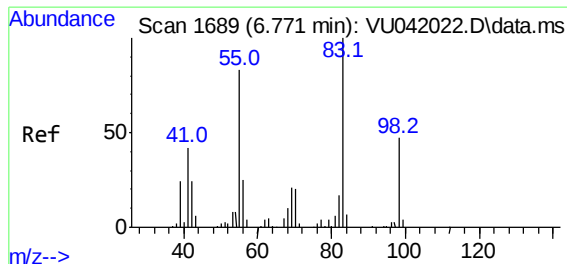
Tgt Ion:117 Resp: 3028
Ion Ratio Lower Upper
117 100
119 105.4 76.6 114.8



#34
Trichloroethene
Concen: 34.86 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 95 Resp: 339868
Ion Ratio Lower Upper
95 100
97 63.2 43.6 81.0
132 91.0 64.3 119.3
130 93.9 66.7 123.9

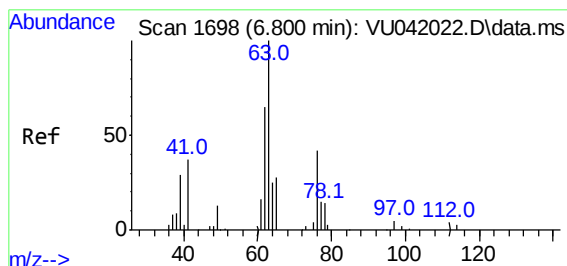
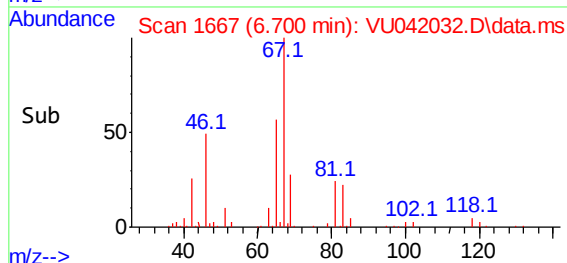
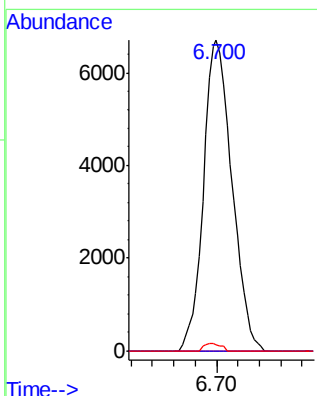
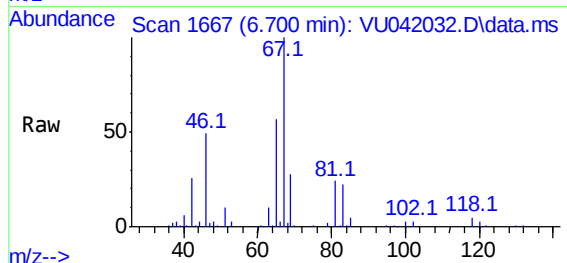




#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

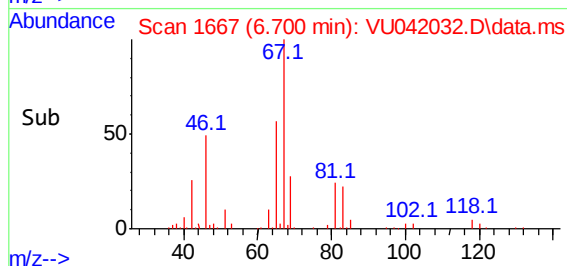
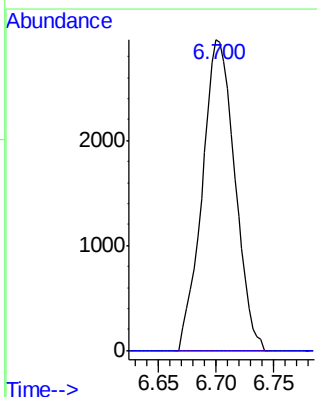
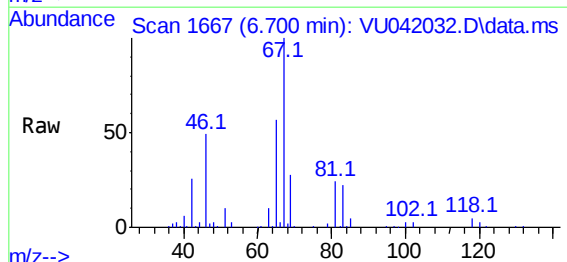
Instrument :
MSVOA_U
ClientSampled :
BFXN8

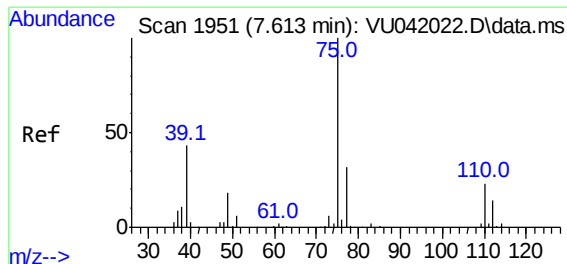
Tgt Ion: 83 Resp: 12292
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 63 Resp: 5797
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

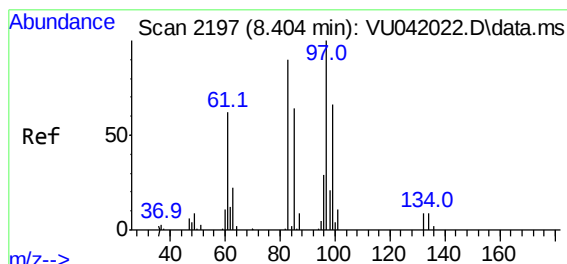
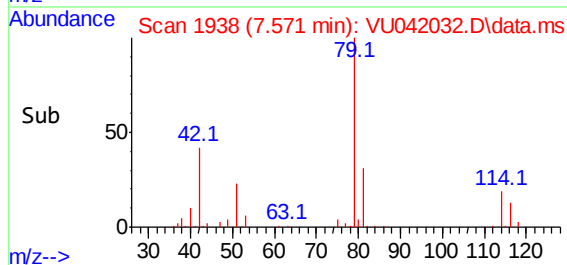
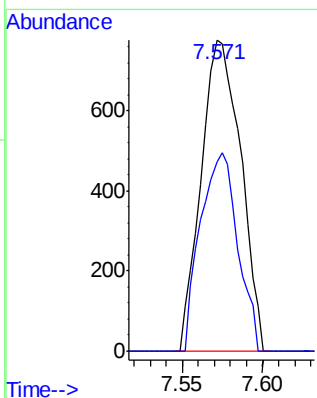
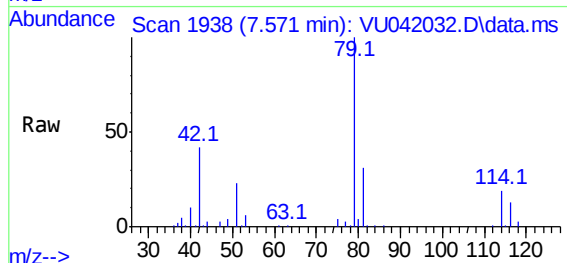




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

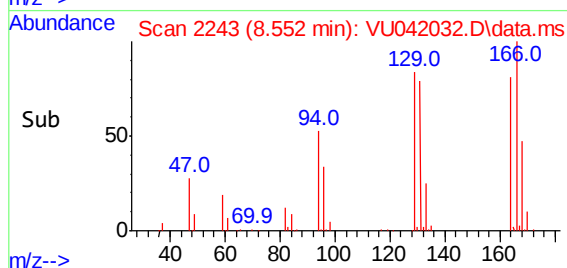
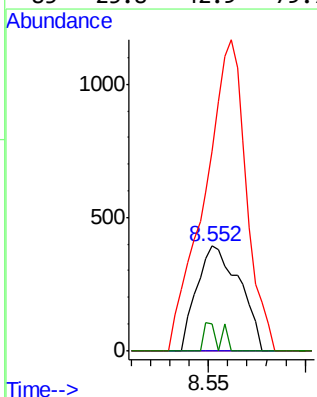
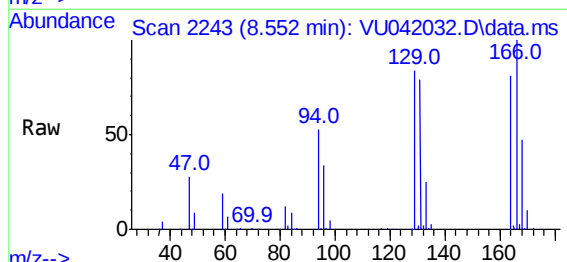
Instrument :
MSVOA_U
ClientSampleId :
BFXN8

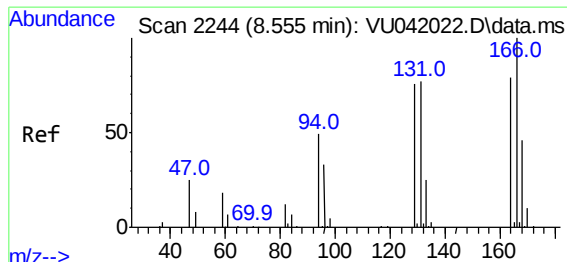
Tgt Ion: 75 Resp: 1306
Ion Ratio Lower Upper
75 100
77 61.0 21.9 40.7#



#45
1,1,2-Trichloroethane
Concen: 0.08 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.148 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 97 Resp: 607
Ion Ratio Lower Upper
97 100
99 0.0 44.7 83.1#
83 191.6 61.6 114.4#
85 25.8 42.9 79.7#

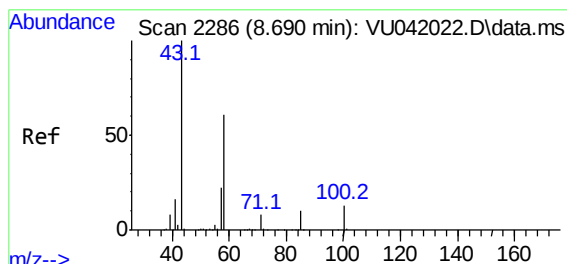
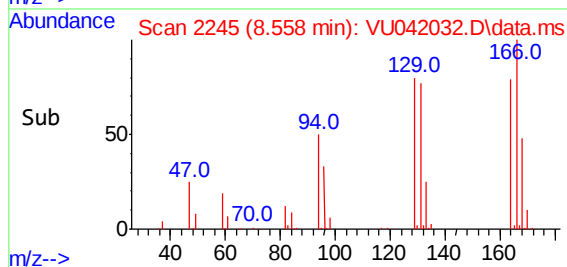
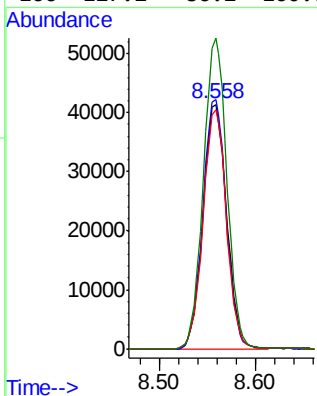
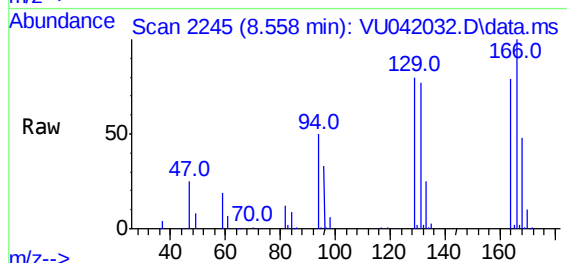




#47
Tetrachloroethene
Concen: 11.11 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

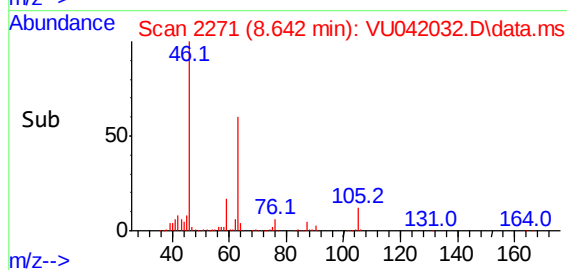
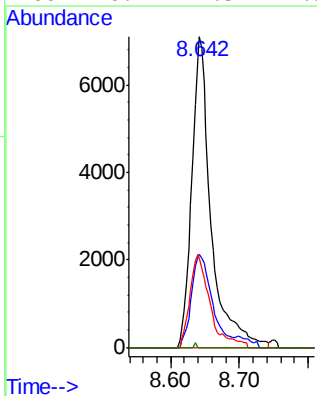
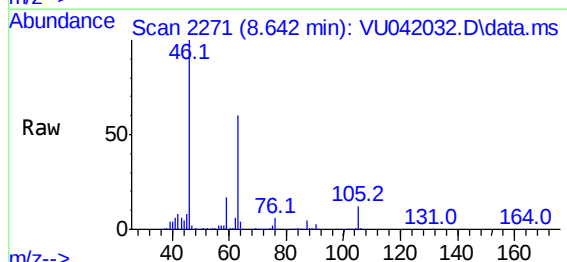
Instrument :
MSVOA_U
ClientSampled :
BFXN8

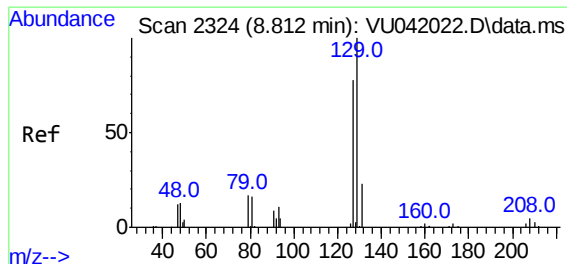
Tgt Ion:164 Resp: 70178
Ion Ratio Lower Upper
164 100
129 102.3 68.7 127.5
131 98.1 65.2 121.0
166 127.2 86.2 160.0



#48
2-Hexanone
Concen: 2.92 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 43 Resp: 13789
Ion Ratio Lower Upper
43 100
58 32.2 47.8 71.8#
57 31.2 17.4 26.0#
100 0.1 9.5 14.3#

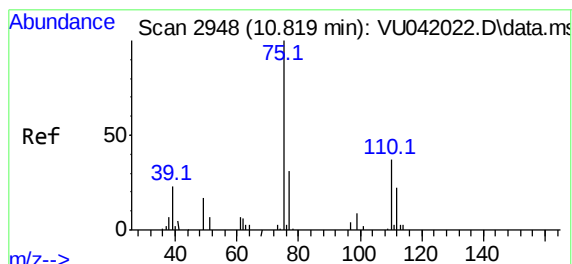
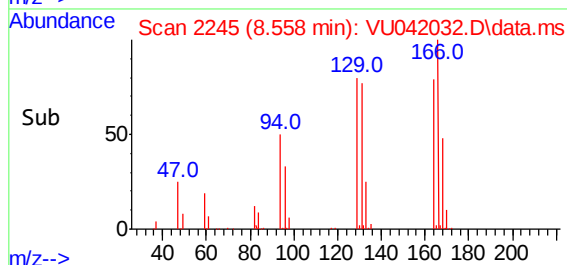
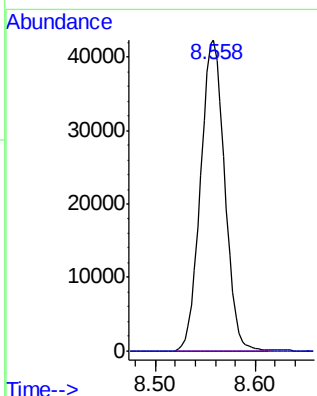
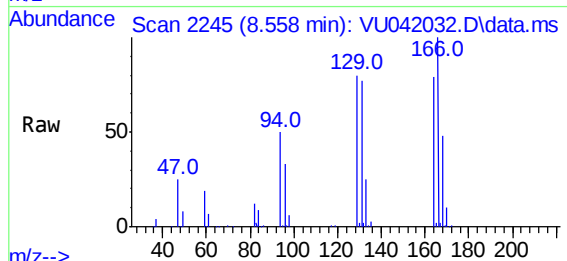




#49
Dibromochloromethane
Concen: 9.11 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Instrument :
MSVOA_U
ClientSampleId :
BFXN8

Tgt Ion:129 Resp: 71076
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.69 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU042032.D
Acq: 14 Jan 2021 14:14

Tgt Ion: 75 Resp: 4614
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4

