

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042052.D
 Acq On : 14 Jan 2021 23:37
 Operator : SY/MD
 Sample : M1065-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2

Quant Time: Jan 15 06:38:57 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	6.259	114	128046	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43742	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34255	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.919	69	39222	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.575	63	54817	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.652	46	160123	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	5.079	84	88738	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.716	65	50411	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.742	84	168967	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.703	67	58213	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.906	98	141542	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.185	79	20621	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.642	63	110021	49.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.98%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	42575	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	42170	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
3) Chloromethane	1.520	50	1585	0.11	ug/L #	77
9) Trichlorofluoromethane	2.144	101	2242	0.12	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	702	0.07	ug/L #	30
12) 1,1-Dichloroethene	2.578	96	576	0.06	ug/L #	1
13) Acetone	2.661	43	3929	1.94	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	3102	0.12	ug/L	97
22) cis-1,2-Dichloroethene	4.681	96	7842	0.74	ug/L	77
25) Chloroform	5.108	83	3021	0.15	ug/L	92
27) 1,2-Dichloroethane	5.735	62	730	0.06	ug/L #	75
31) Carbon tetrachloride	5.533	117	623	0.05	ug/L	90
34) Trichloroethene	6.552	95	237965	25.28	ug/L	99
35) Methylcyclohexane	6.703	83	13095	0.88	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5736	0.59	ug/L #	90
44) trans-1,3-Dichloropropene	8.189	75	695	0.06	ug/L #	25
47) Tetrachloroethene	8.558	164	27385	4.49	ug/L	96
48) 2-Hexanone	8.639	43	12324	2.70	ug/L #	67
49) Dibromochloromethane	8.558	129	26813	3.56	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5249	0.82	ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 06:32:40 2021
Response via : Initial Calibration

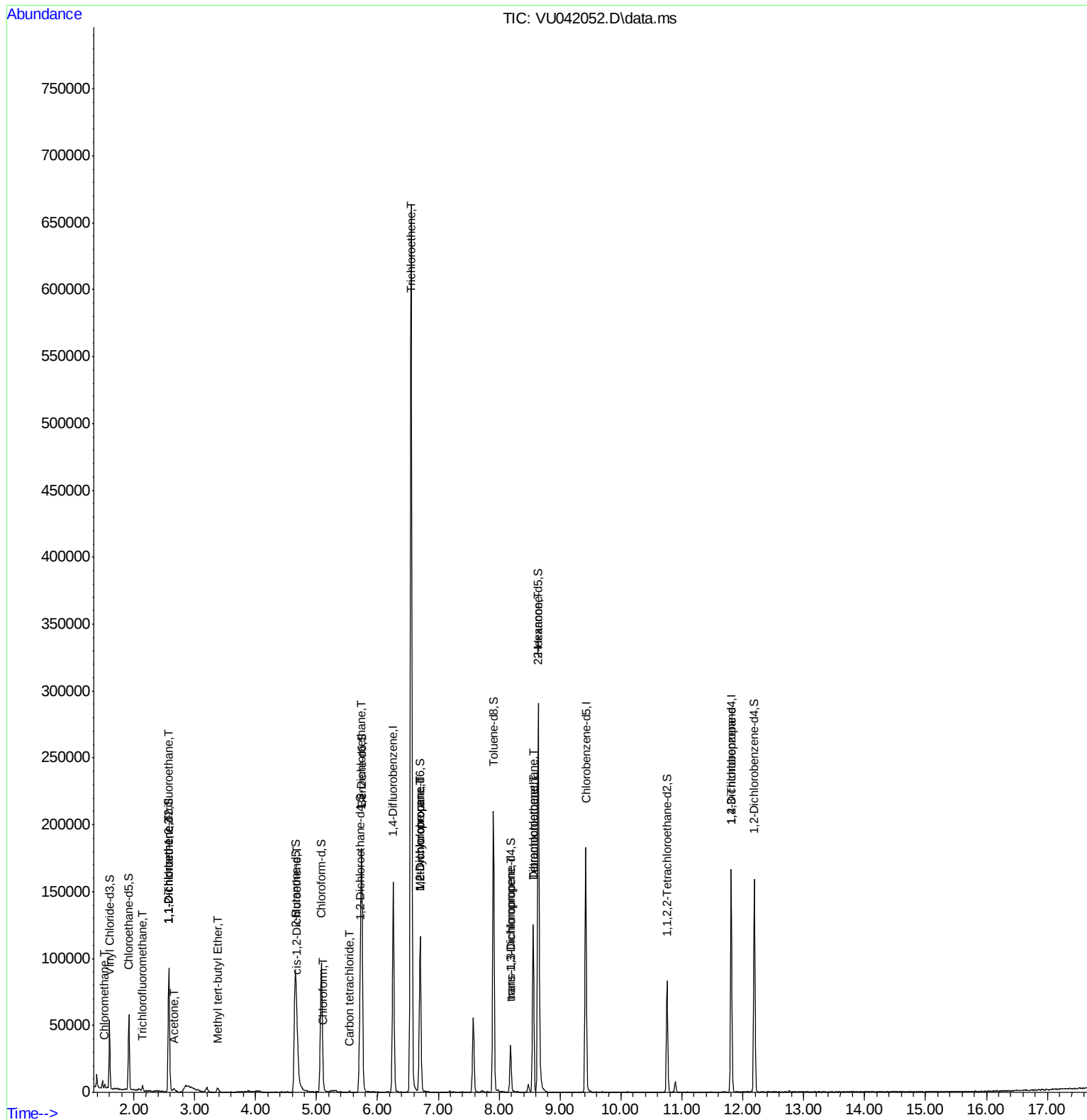
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

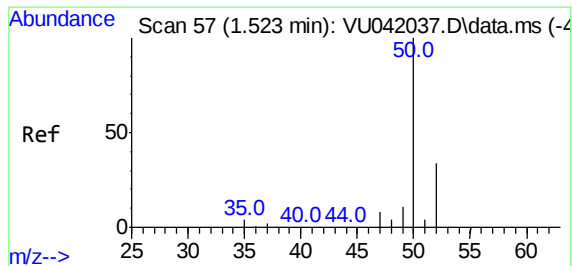
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.11 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU042052.D

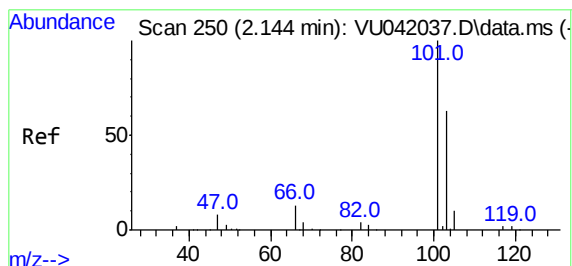
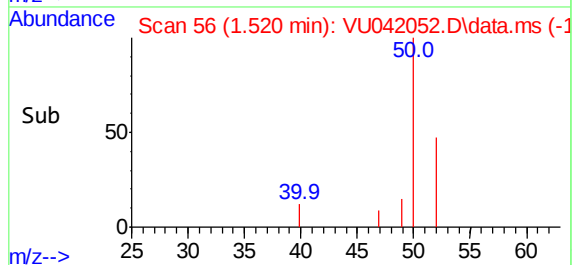
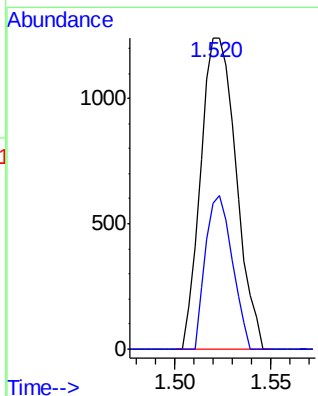
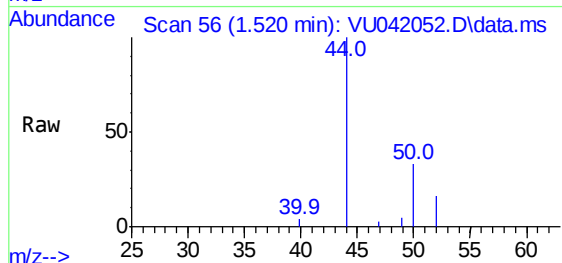
Acq: 14 Jan 2021 23:37

Tgt Ion: 50 Resp: 1585

Ion Ratio Lower Upper

50 100

52 46.7 23.5 43.7#



#9

Trichlorofluoromethane

Concen: 0.12 ug/L

RT: 2.144 min Scan# 250

Delta R.T. -0.000 min

Lab File: VU042052.D

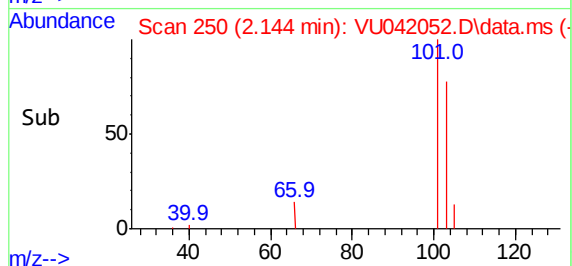
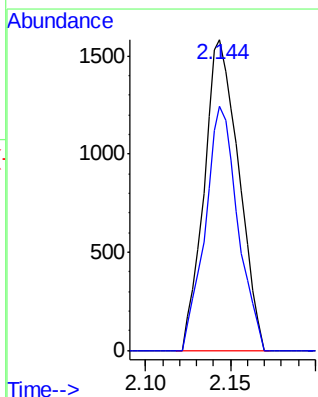
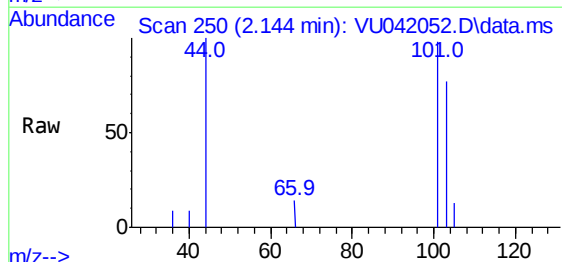
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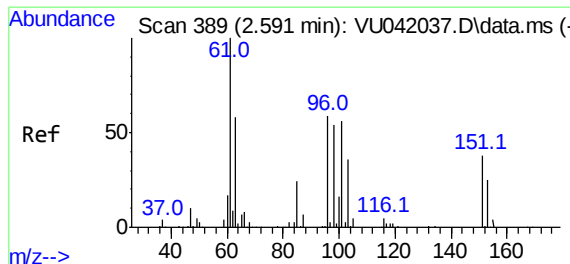
Tgt Ion:101 Resp: 2242

Ion Ratio Lower Upper

101 100

103 73.9 51.6 77.4

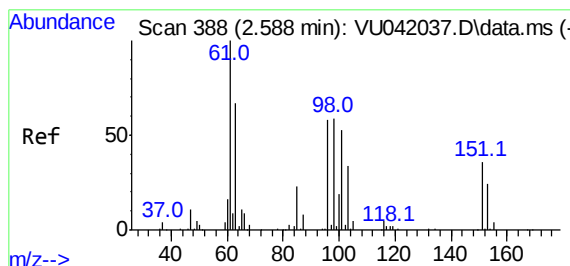
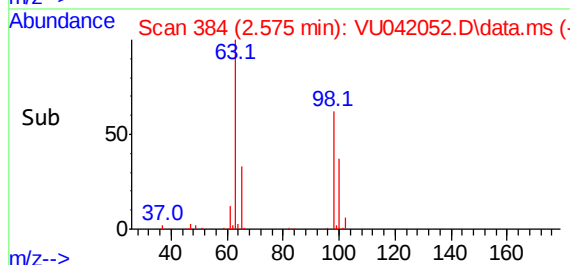
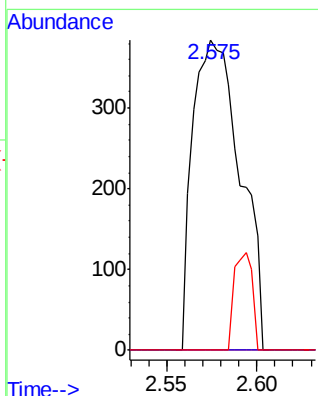
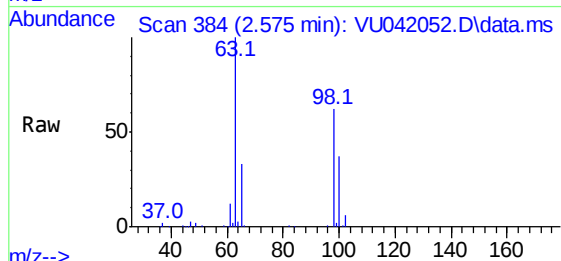




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.07 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU042052.D
 Acq: 14 Jan 2021 23:37

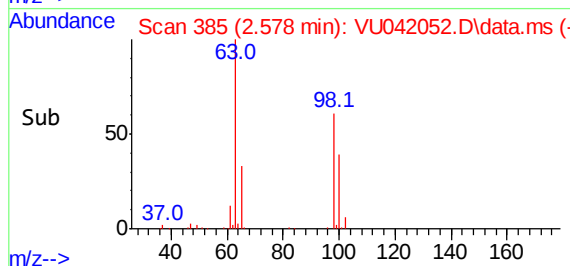
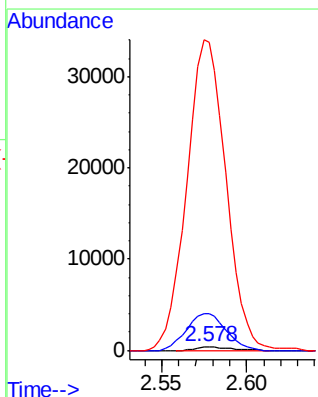
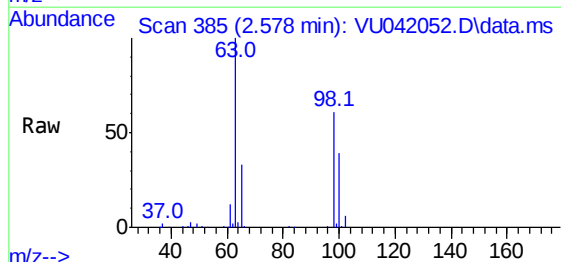
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2

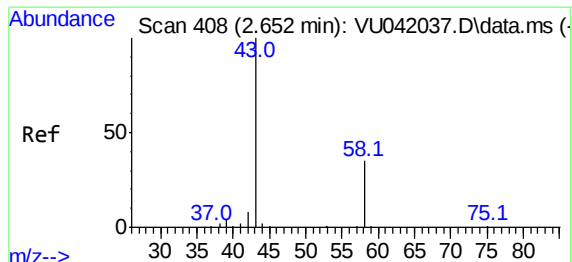
Tgt Ion:101 Resp: 702
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 12.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.06 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042052.D
 Acq: 14 Jan 2021 23:37

Tgt Ion: 96 Resp: 576
 Ion Ratio Lower Upper
 96 100
 61 1012.2 122.2 226.9#
 63 8408.0 82.8 153.8#

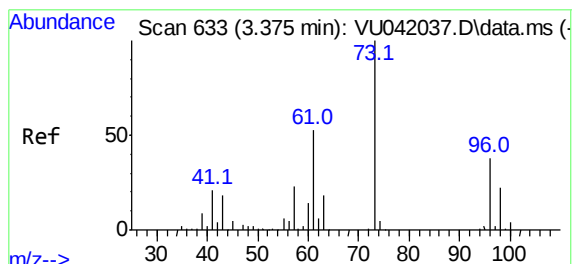
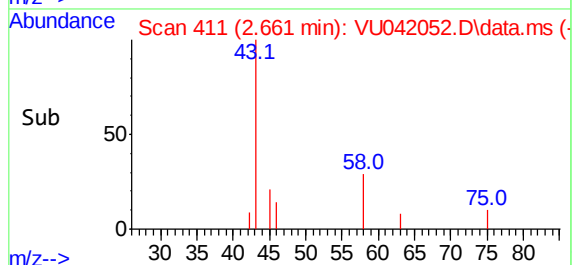
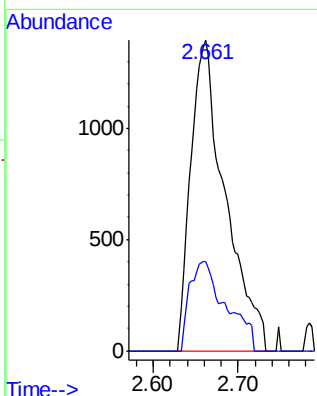
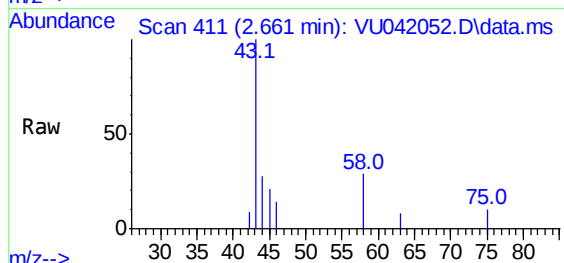




#13
Acetone
Concen: 1.94 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

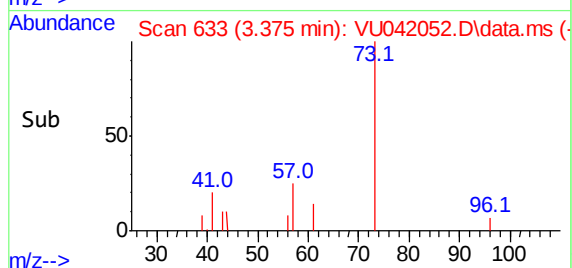
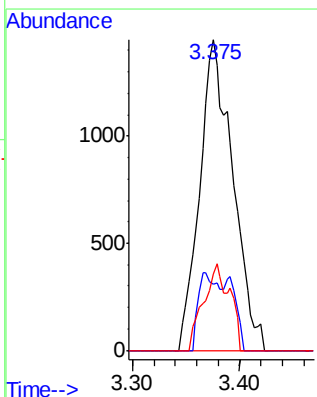
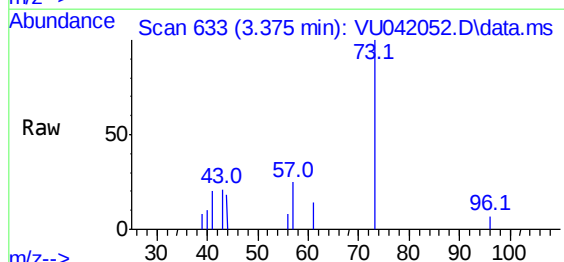
Instrument :
MSVOA_U
ClientSampled :
BFXN2

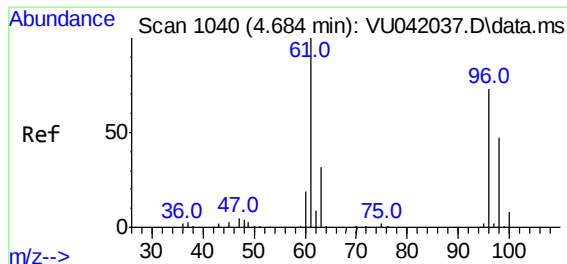
Tgt Ion: 43 Resp: 3929
Ion Ratio Lower Upper
43 100
58 30.4 0.0 57.4



#17
Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 73 Resp: 3102
Ion Ratio Lower Upper
73 100
43 16.6 15.1 22.7
57 21.9 18.0 27.0



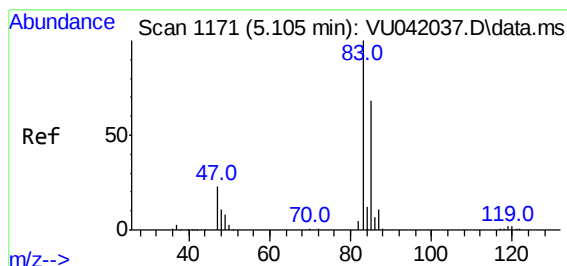
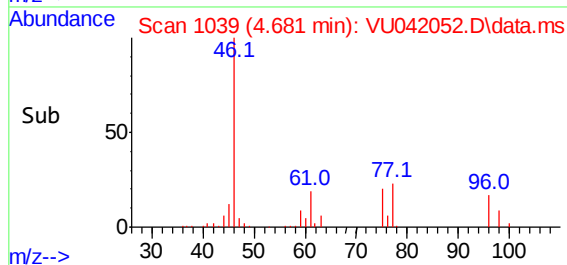
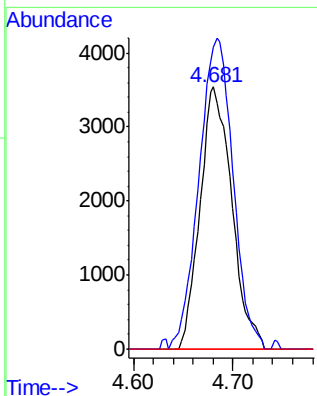
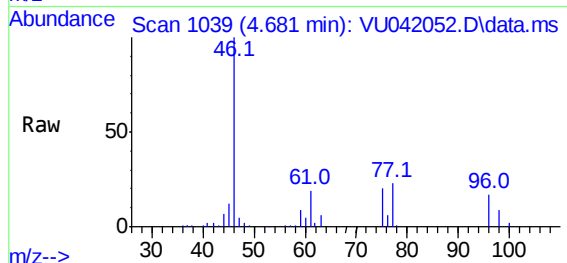


#22
 cis-1,2-Dichloroethene
 Concen: 0.74 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. -0.003 min
 Lab File: VU042052.D
 Acq: 14 Jan 2021 23:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2

Tgt Ion: 96 Resp: 7842

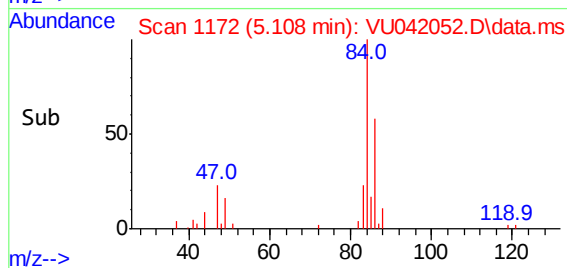
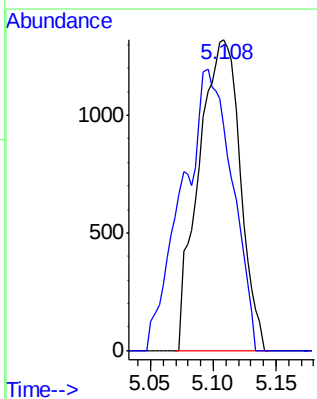
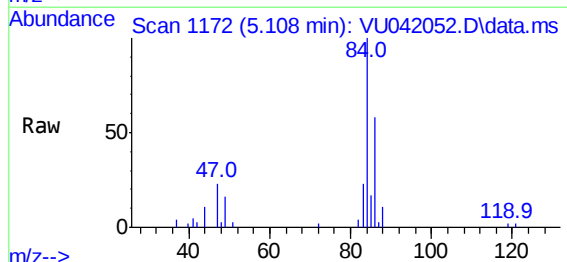
Ion	Ratio	Lower	Upper
96	100		
61	115.1	100.3	186.3
68	0.0	0.0	0.0

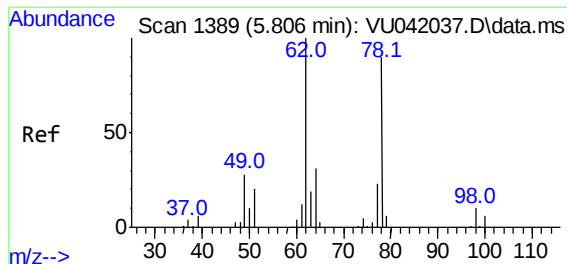


#25
 Chloroform
 Concen: 0.15 ug/L
 RT: 5.108 min Scan# 1172
 Delta R.T. 0.003 min
 Lab File: VU042052.D
 Acq: 14 Jan 2021 23:37

Tgt Ion: 83 Resp: 3021

Ion	Ratio	Lower	Upper
83	100		
85	72.3	46.1	85.7

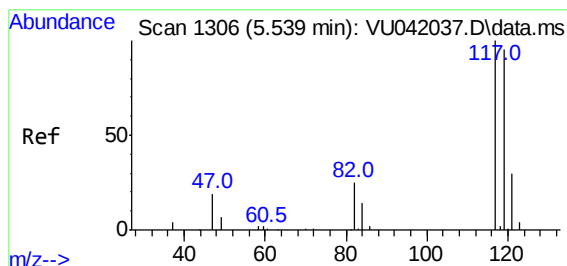
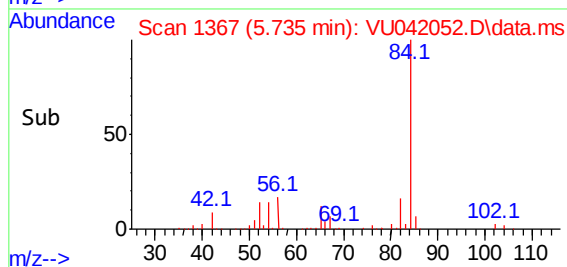
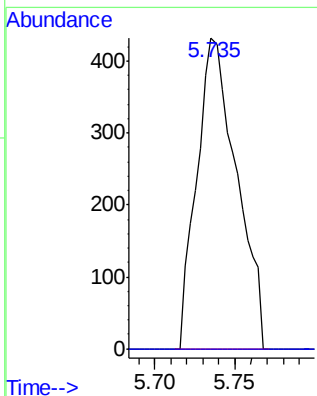
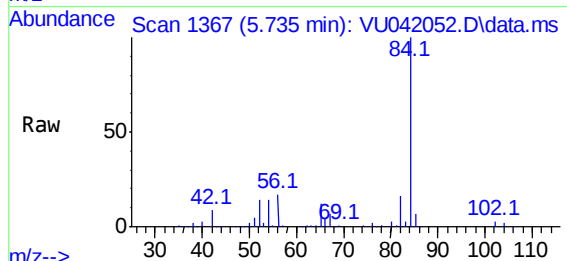




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

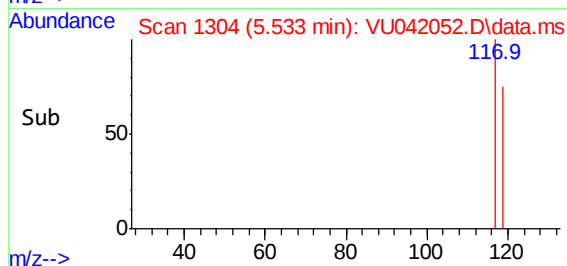
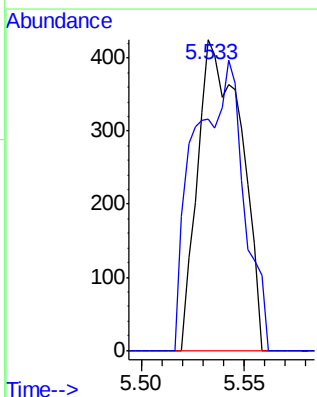
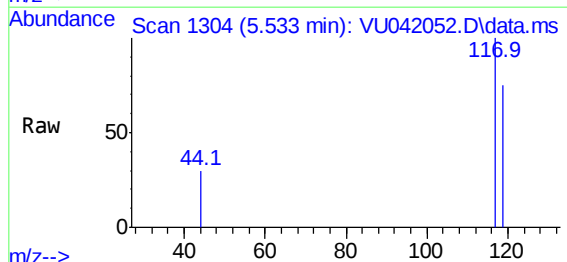
Instrument :
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ClientSampleId :
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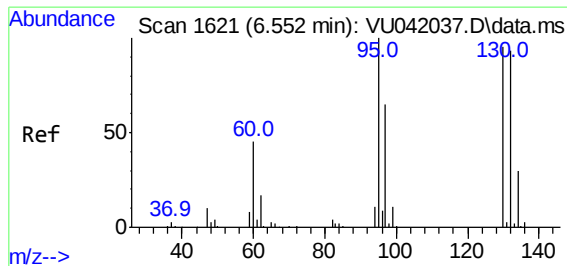
Tgt Ion: 62 Resp: 730
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.007 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 117 Resp: 623
Ion Ratio Lower Upper
117 100
119 105.3 76.6 114.8



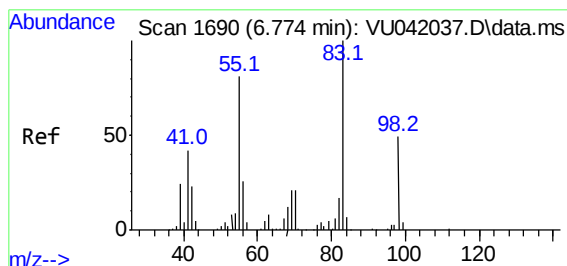
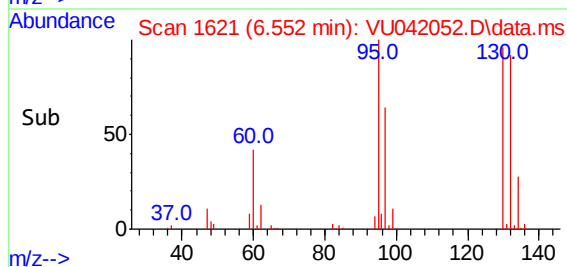
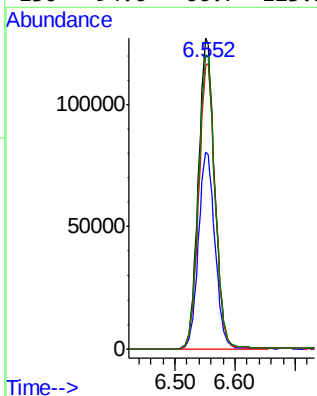
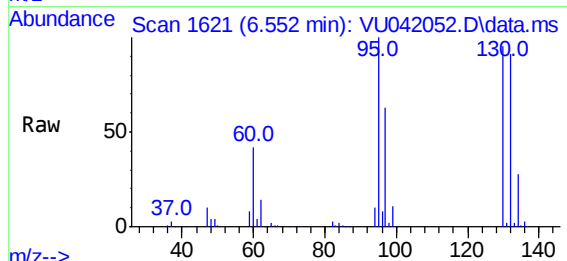


#34
Trichloroethene
Concen: 25.28 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Instrument :
MSVOA_U
ClientSampleId :
BFXN2

Tgt Ion: 95 Resp: 237965

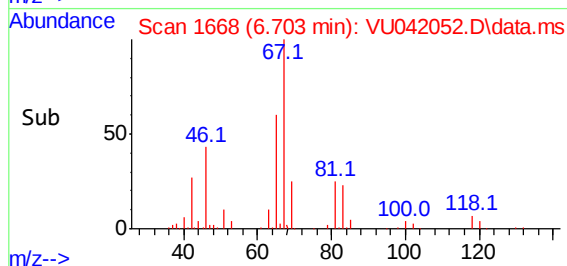
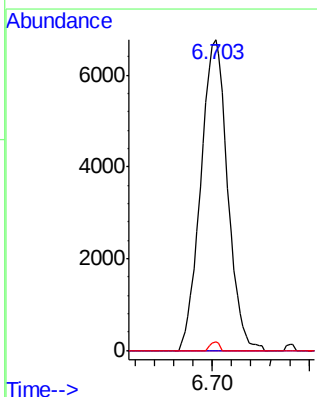
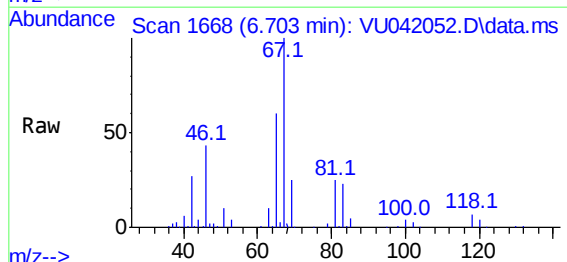
Ion	Ratio	Lower	Upper
95	100		
97	63.4	43.6	81.0
132	91.4	64.3	119.3
130	94.6	66.7	123.9

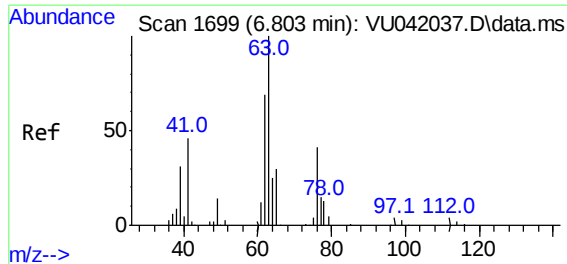


#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 83 Resp: 13095

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.0	35.7	53.5#

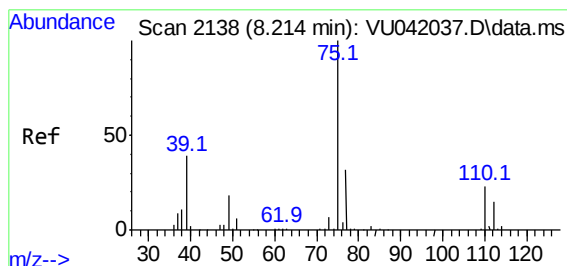
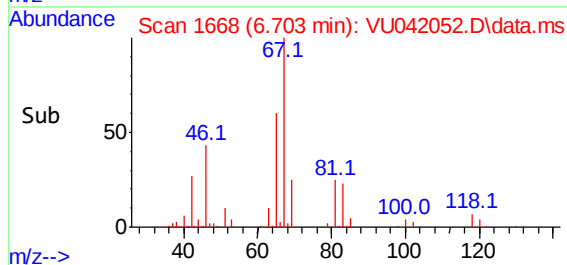
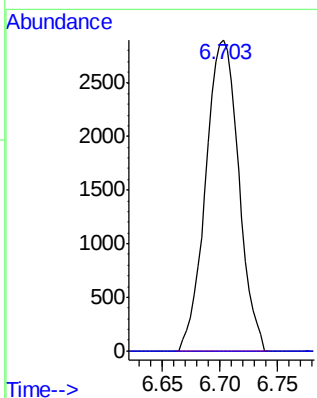
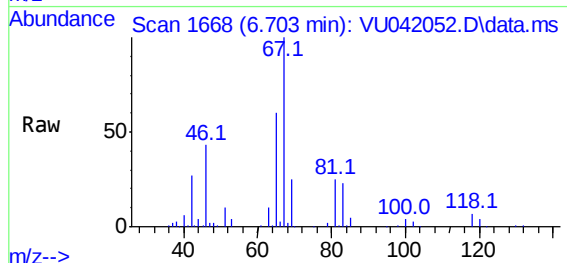




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

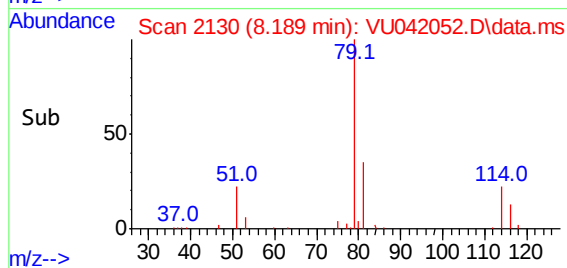
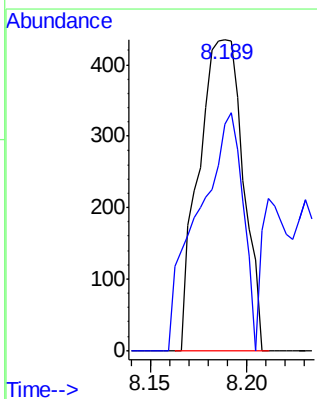
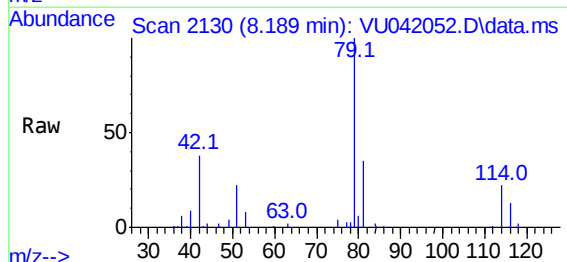
Instrument :
MSVOA_U
ClientSampleId :
BFXN2

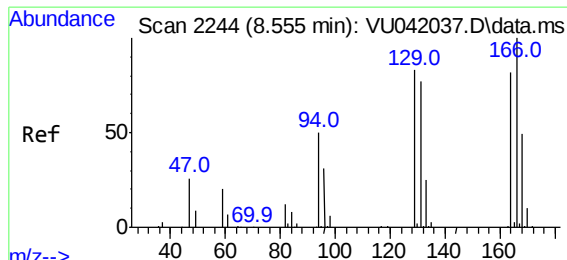
Tgt Ion: 63 Resp: 5736
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 75 Resp: 695
Ion Ratio Lower Upper
75 100
77 72.9 22.0 41.0#



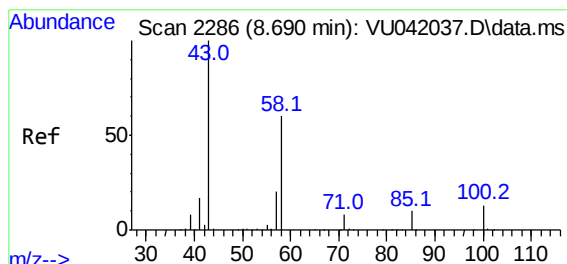
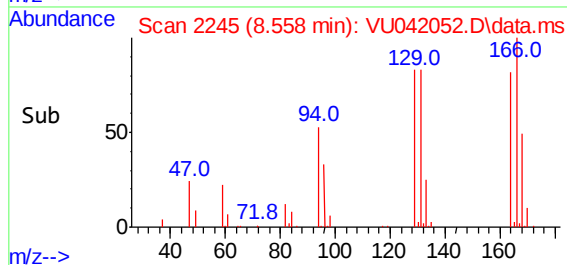
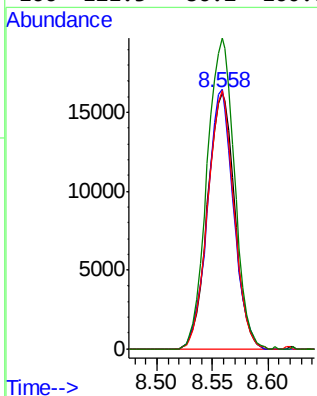
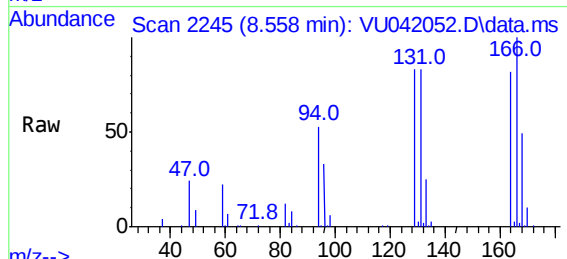


#47
Tetrachloroethene
Concen: 4.49 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Instrument :
MSVOA_U
ClientSampled :
BFXN2

Tgt Ion:164 Resp: 27385

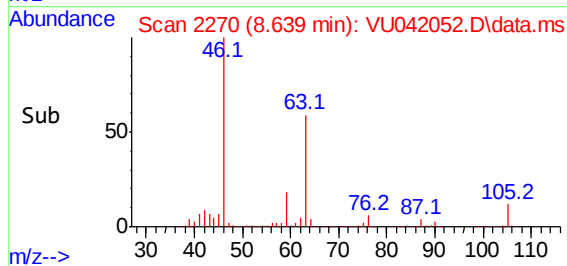
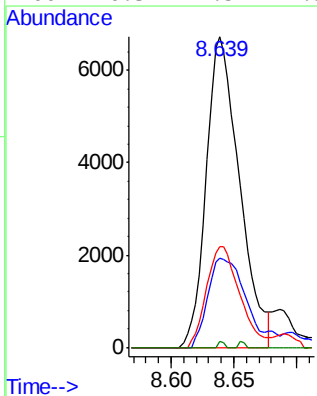
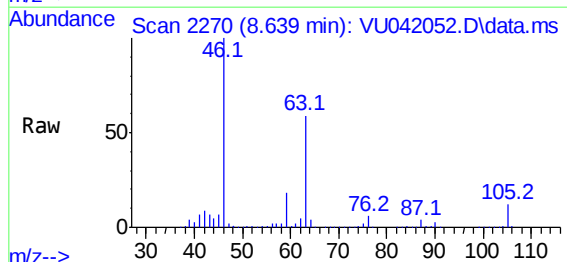
Ion	Ratio	Lower	Upper
164	100		
129	101.0	68.7	127.5
131	100.8	65.2	121.0
166	121.3	86.2	160.0

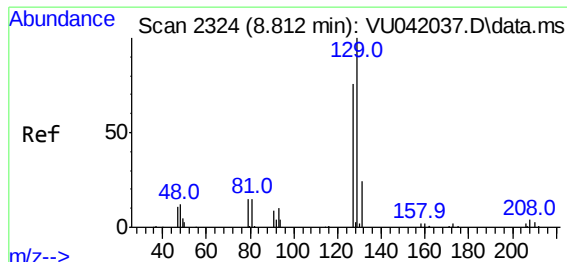


#48
2-Hexanone
Concen: 2.70 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.052 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 43 Resp: 12324

Ion	Ratio	Lower	Upper
43	100		
58	31.9	47.8	71.8#
57	32.5	17.4	26.0#
100	0.3	9.5	14.3#

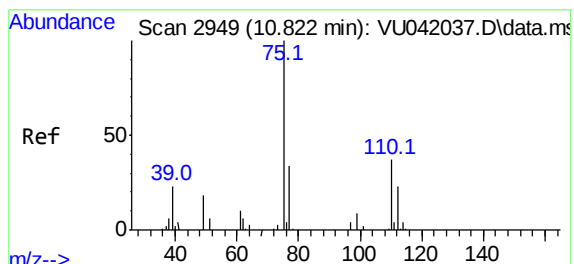
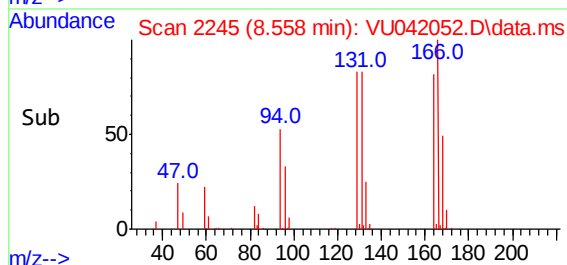
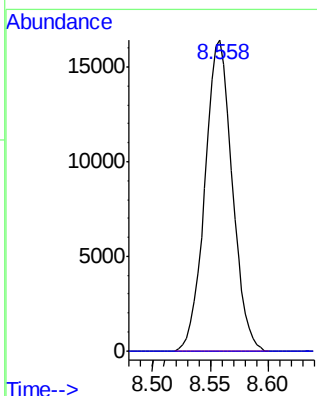
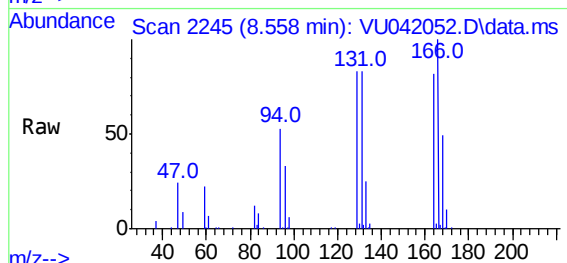




#49
Dibromochloromethane
Concen: 3.56 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Instrument :
MSVOA_U
ClientSampled :
BFXN2

Tgt Ion: 129 Resp: 26813
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.82 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 75 Resp: 5249
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4

