

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042044.D
 Acq On : 14 Jan 2021 20:24
 Operator : SY/MD
 Sample : M1065-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP2

Quant Time: Jan 15 06:35:44 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	118010	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44688	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33894	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.00%		
7) Chloroethane-d5	1.919	69	40224	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.40%		
11) 1,1-Dichloroethene-d2	2.575	63	53999	3.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	60.20%		
20) 2-Butanone-d5	4.652	46	146553	49.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	98.08%		
24) Chloroform-d	5.079	84	81229	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.20%		
26) 1,2-Dichloroethane-d4	5.716	65	47014	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.60%		
32) Benzene-d6	5.742	84	154523	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.60%		
36) 1,2-Dichloropropane-d6	6.700	67	52134	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.20%		
41) Toluene-d8	7.906	98	135189	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.80%		
43) trans-1,3-Dichloroprop...	8.185	79	22289	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.00%		
46) 2-Hexanone-d5	8.639	63	115448	48.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.90%		
57) 1,1,2,2-Tetrachloroeth...	10.754	84	39581	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.80%		
64) 1,2-Dichlorobenzene-d4	12.189	152	41785	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5104	0.47	ug/L	99
3) Chloromethane	1.520	50	1487	0.11	ug/L	94
9) Trichlorofluoromethane	2.141	101	629	0.04	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1560	0.17	ug/L #	62
12) 1,1-Dichloroethene	2.588	96	3261	0.35	ug/L #	1
13) Acetone	2.652	43	3797	2.03	ug/L	98
22) cis-1,2-Dichloroethene	4.684	96	4799	0.49	ug/L	96
25) Chloroform	5.108	83	2541	0.14	ug/L	99
31) Carbon tetrachloride	5.539	117	731	0.05	ug/L	96
34) Trichloroethene	6.552	95	97117	9.62	ug/L	98
35) Methylcyclohexane	6.700	83	11927	0.75	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5450	0.52	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1175	0.08	ug/L #	39
44) trans-1,3-Dichloropropene	8.179	75	776	0.06	ug/L #	59
47) Tetrachloroethene	8.555	164	41448	6.34	ug/L	98
49) Dibromochloromethane	8.555	129	40780	5.05	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	5497	0.80	ug/L	98

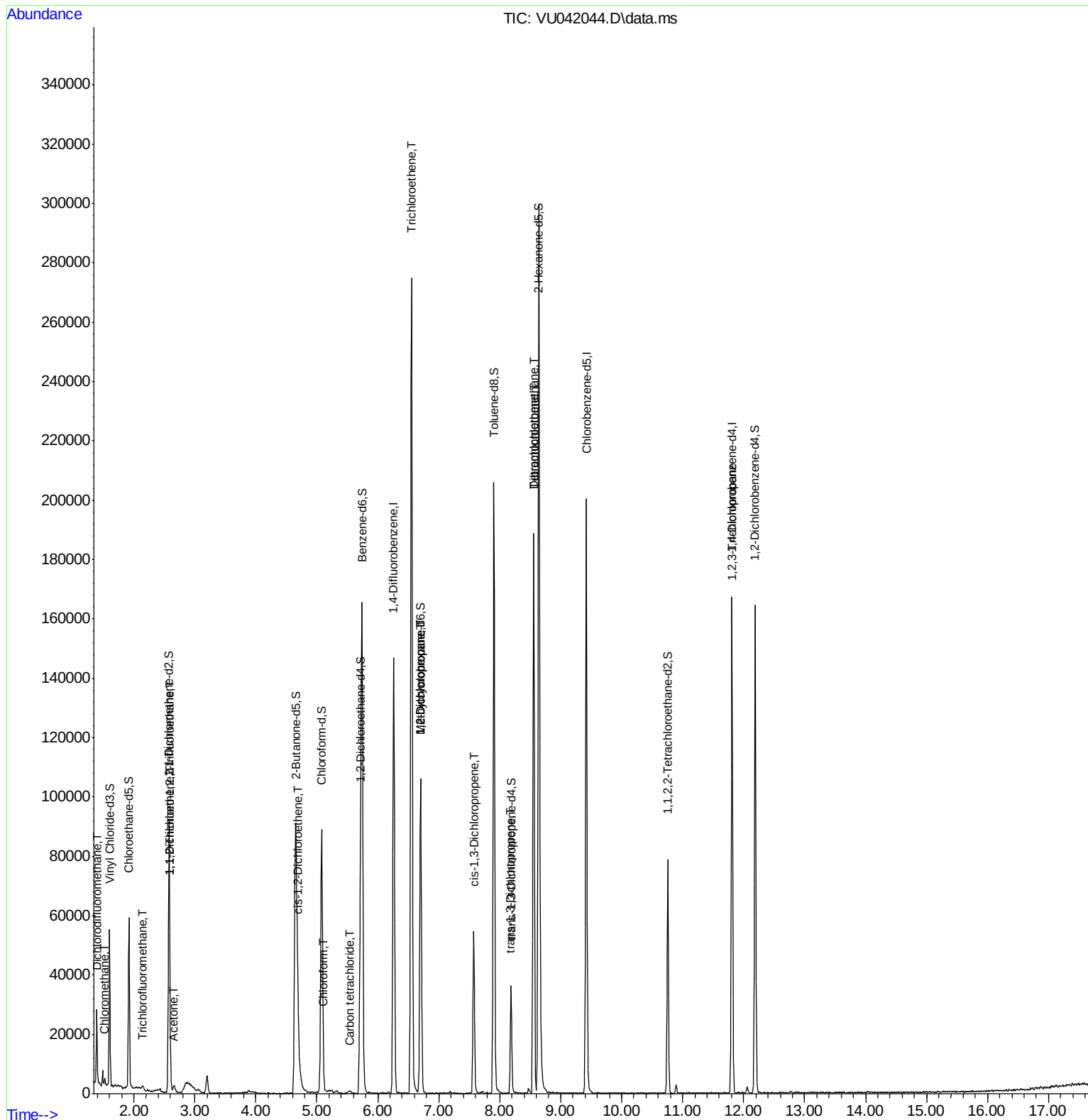
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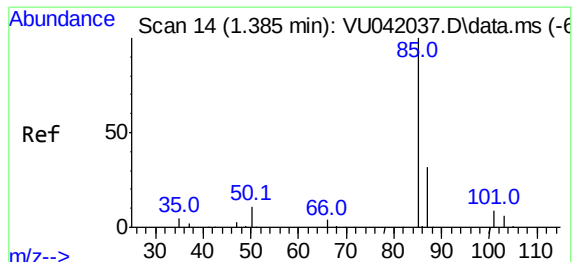
Instrument :
MSVOA_U
ClientSampleId :
BFXP2

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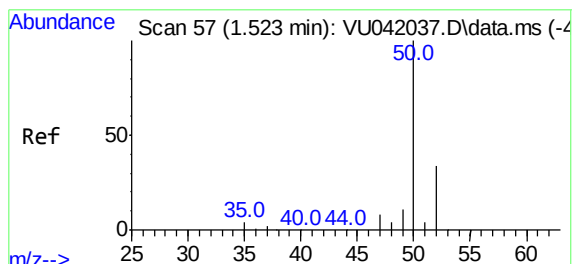
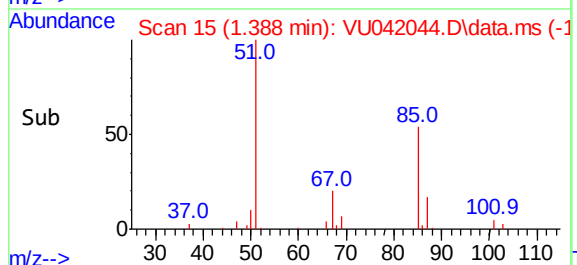
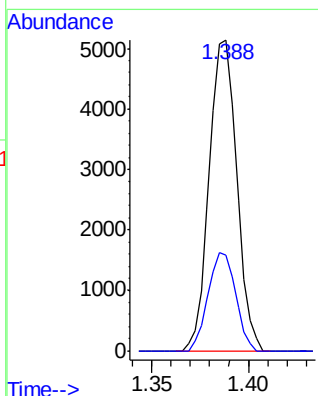
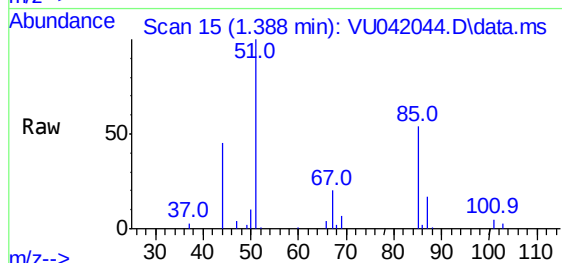




#2
Dichlorodifluoromethane
Concen: 0.47 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

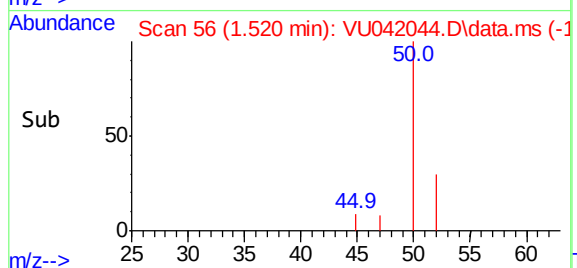
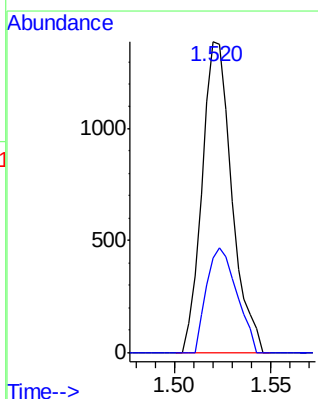
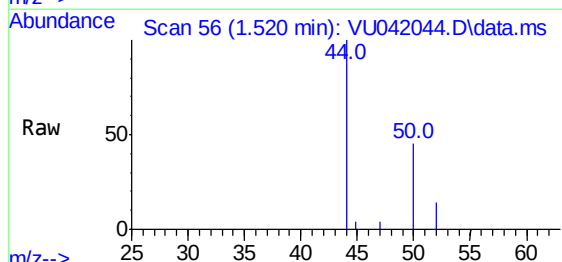
Instrument :
MSVOA_U
ClientSampled :
BFXP2

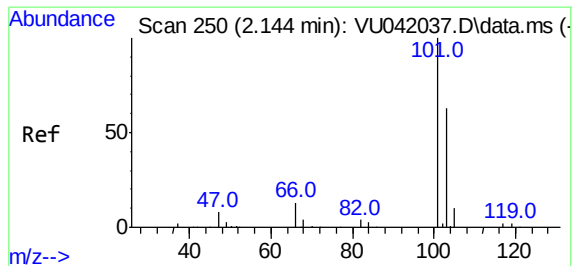
Tgt Ion: 85 Resp: 5104
Ion Ratio Lower Upper
85 100
87 31.4 25.7 38.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion: 50 Resp: 1487
Ion Ratio Lower Upper
50 100
52 30.3 23.5 43.7

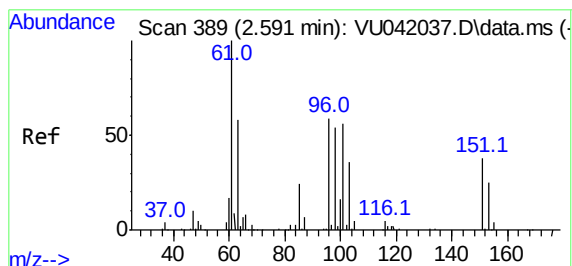
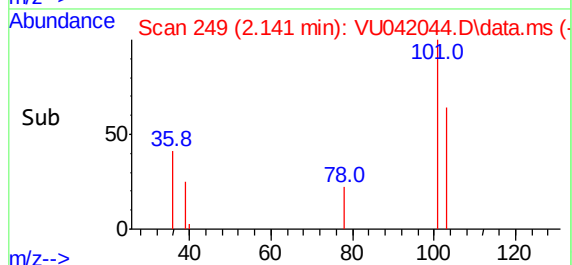
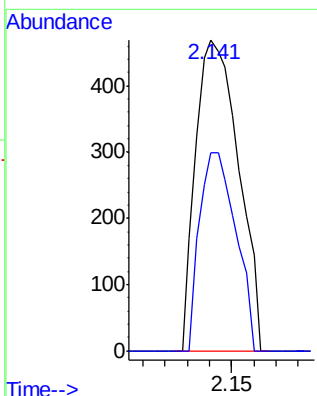
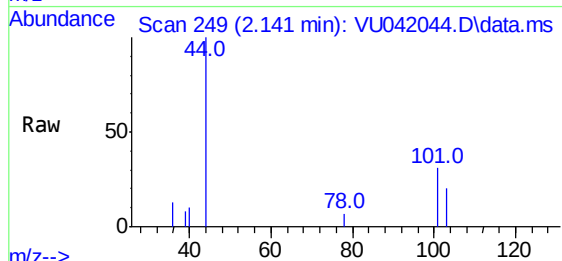




#9
 Trichlorofluoromethane
 Concen: 0.04 ug/L
 RT: 2.141 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

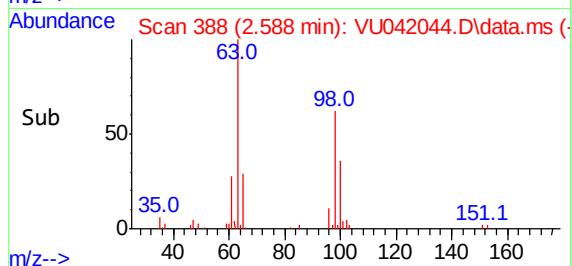
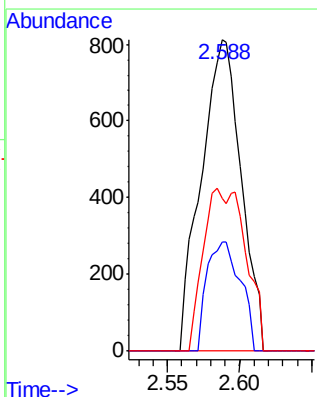
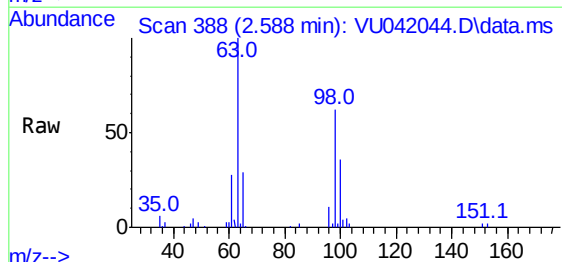
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 ClientSampleId :
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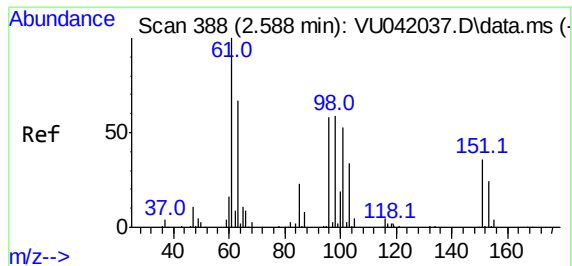
Tgt Ion:101 Resp: 629
 Ion Ratio Lower Upper
 101 100
 103 53.9 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.17 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

Tgt Ion:101 Resp: 1560
 Ion Ratio Lower Upper
 101 100
 85 29.0 35.9 53.9#
 151 31.0 55.4 83.2#

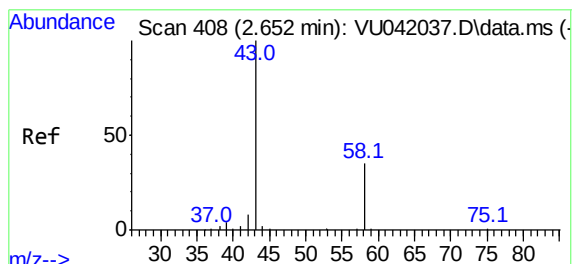
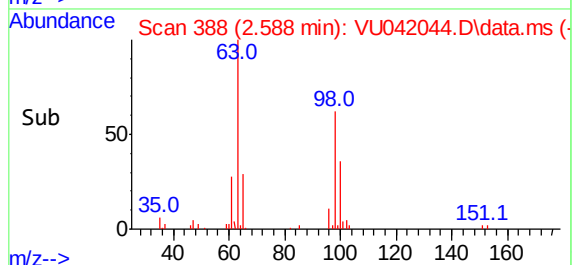
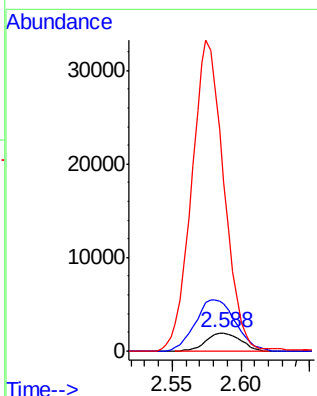
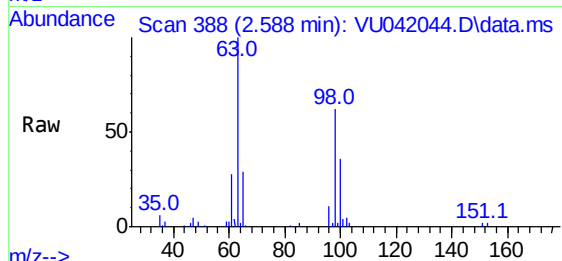




#12
1,1-Dichloroethene
Concen: 0.35 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

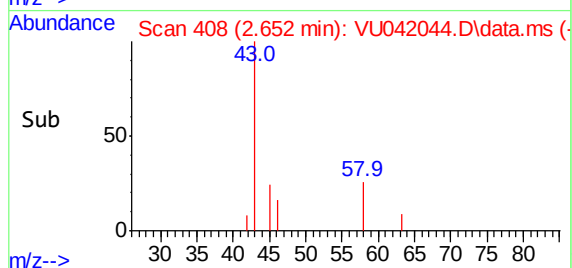
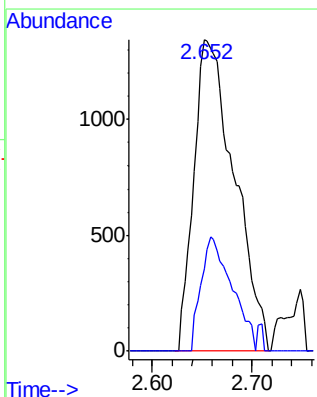
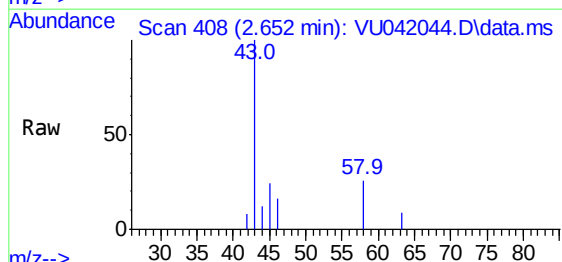
Instrument :
MSVOA_U
ClientSampled :
BFXP2

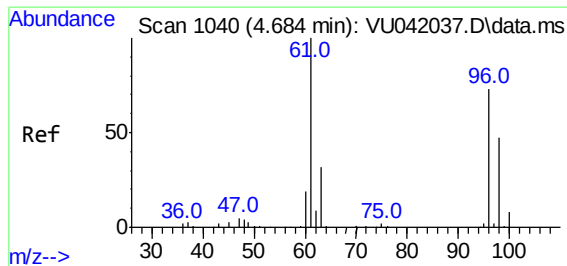
Tgt Ion: 96 Resp: 3261
Ion Ratio Lower Upper
96 100
61 259.1 122.2 226.9#
63 938.0 82.8 153.8#



#13
Acetone
Concen: 2.03 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion: 43 Resp: 3797
Ion Ratio Lower Upper
43 100
58 27.9 0.0 57.4



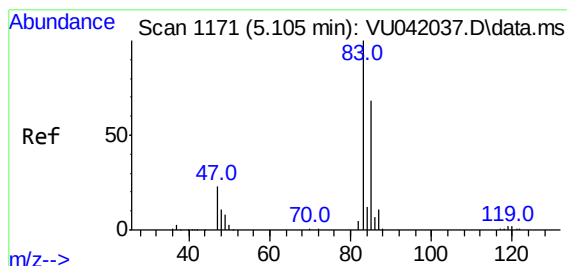
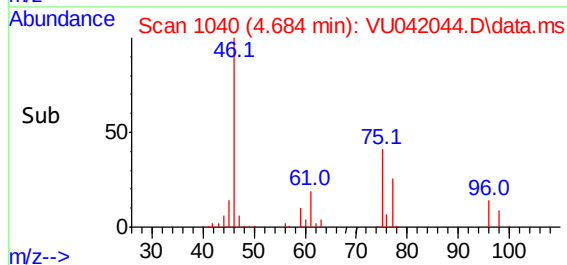
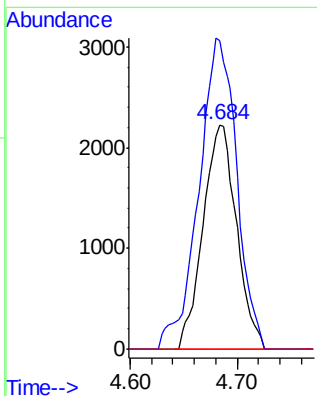
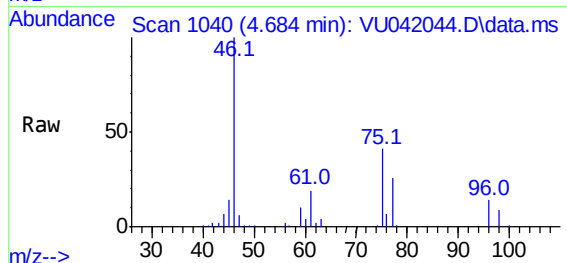


#22
 cis-1,2-Dichloroethene
 Concen: 0.49 ug/L
 RT: 4.684 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

Instrument :
 MSVOA_U
 ClientSampled :
 BFXP2

Tgt Ion: 96 Resp: 4799

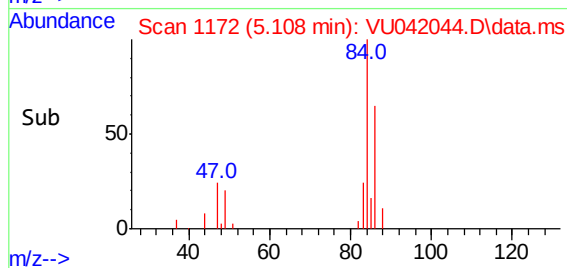
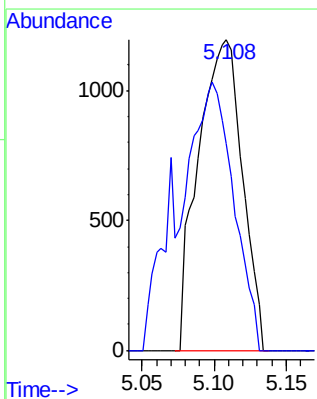
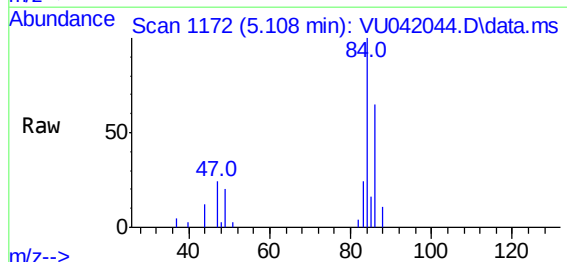
Ion	Ratio	Lower	Upper
96	100		
61	137.9	100.3	186.3
68	0.0	0.0	0.0

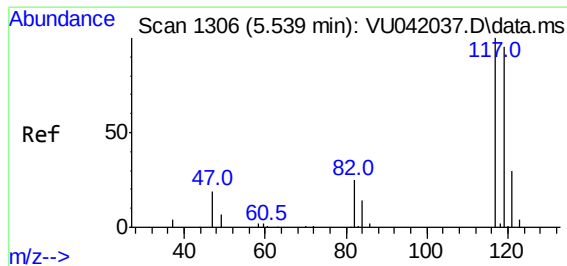


#25
 Chloroform
 Concen: 0.14 ug/L
 RT: 5.108 min Scan# 1172
 Delta R.T. 0.003 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

Tgt Ion: 83 Resp: 2541

Ion	Ratio	Lower	Upper
83	100		
85	66.6	46.1	85.7

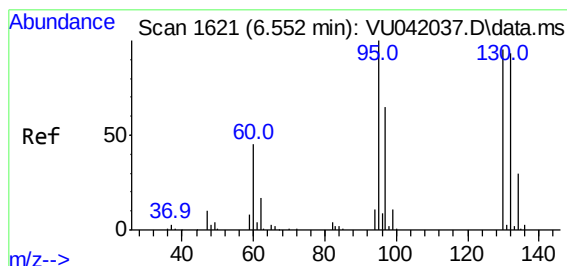
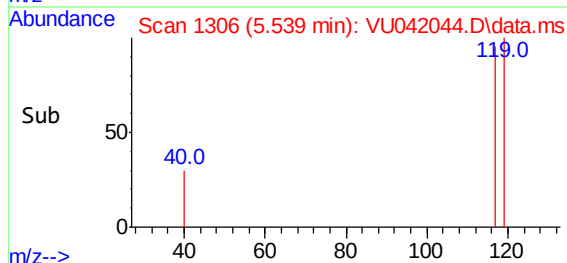
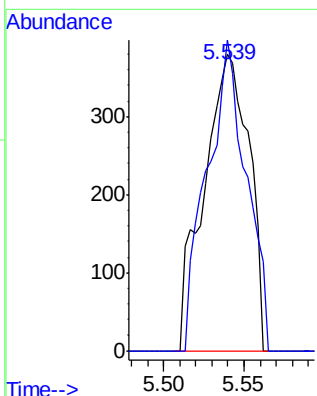
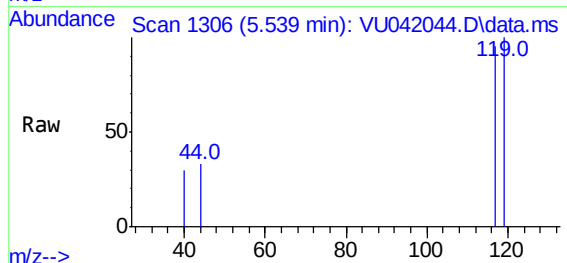




#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

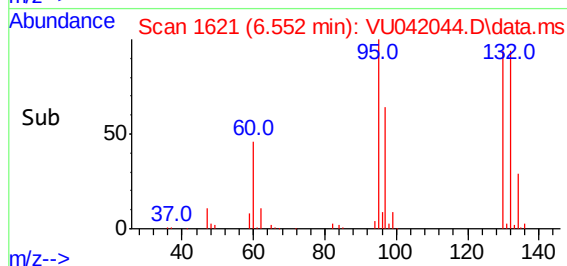
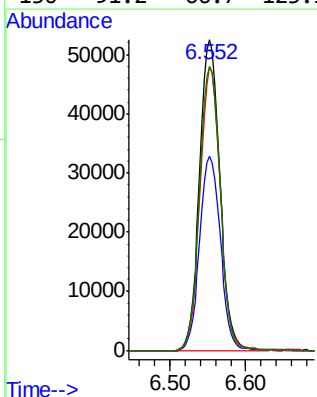
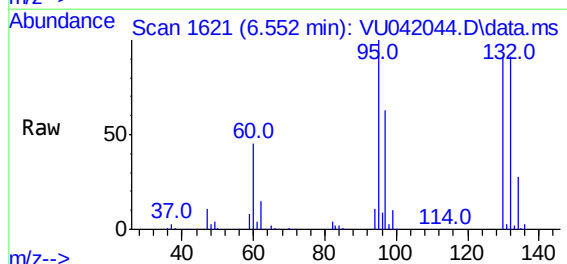
Instrument :
MSVOA_U
ClientSampled :
BFXP2

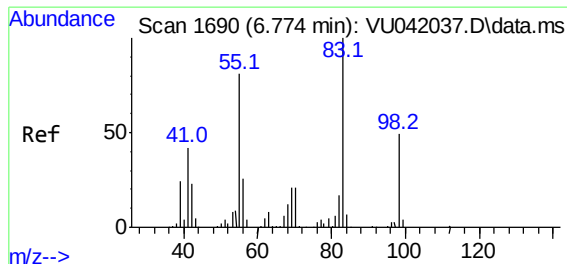
Tgt Ion:117 Resp: 731
Ion Ratio Lower Upper
117 100
119 91.9 76.6 114.8



#34
Trichloroethene
Concen: 9.62 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion: 95 Resp: 97117
Ion Ratio Lower Upper
95 100
97 62.5 43.6 81.0
132 91.3 64.3 119.3
130 91.2 66.7 123.9

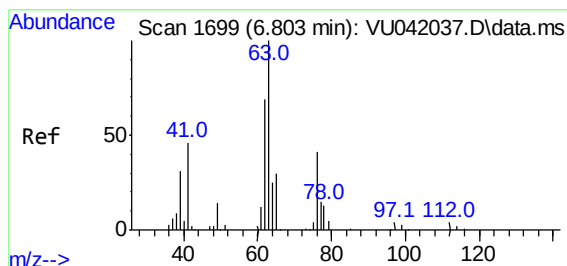
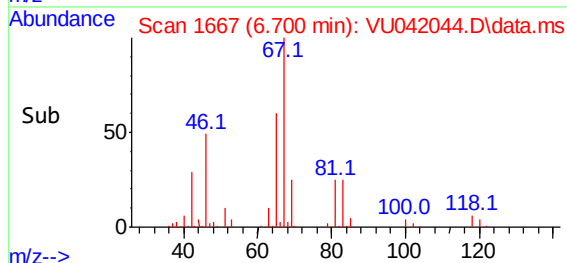
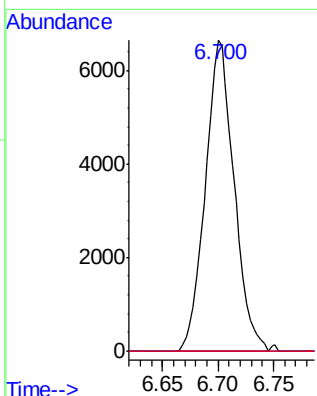
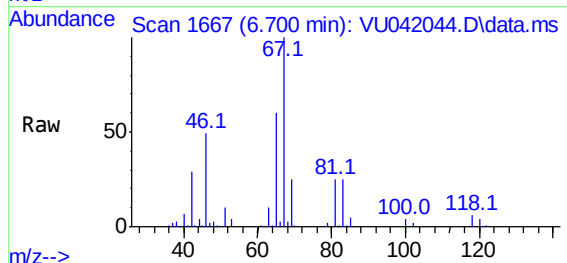




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

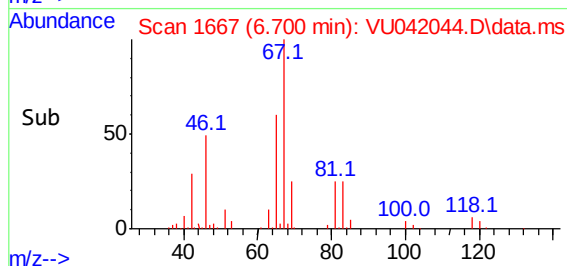
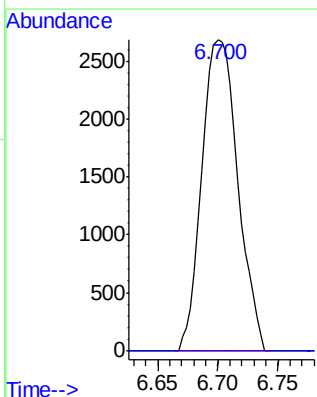
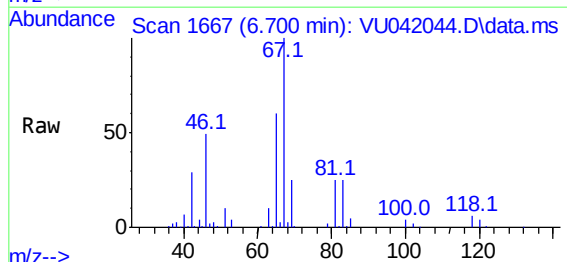
Instrument :
MSVOA_U
ClientSampled :
BFXP2

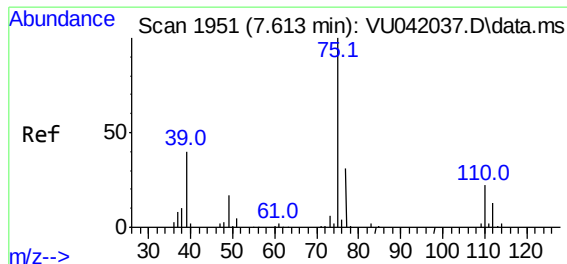
Tgt Ion: 83 Resp: 11927
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion: 63 Resp: 5450
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

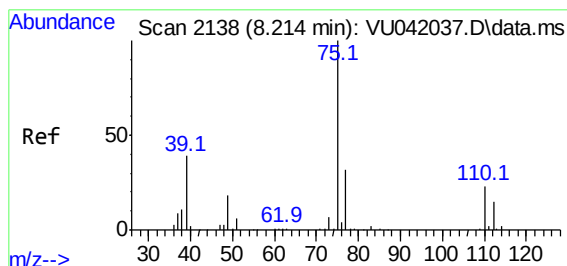
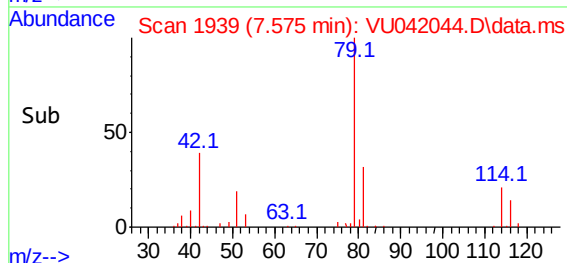
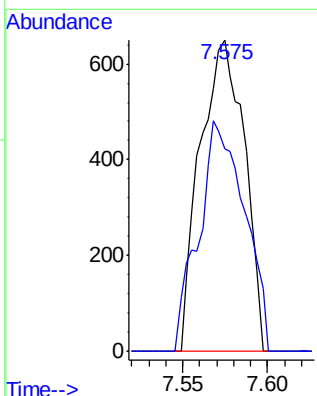
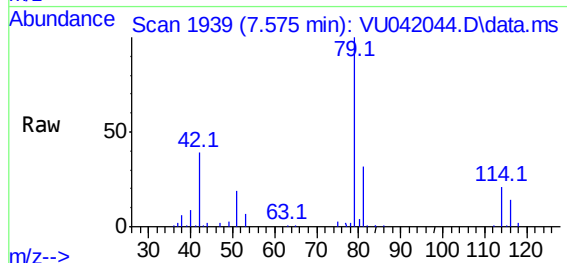




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

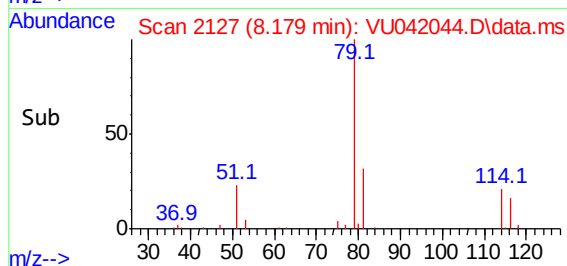
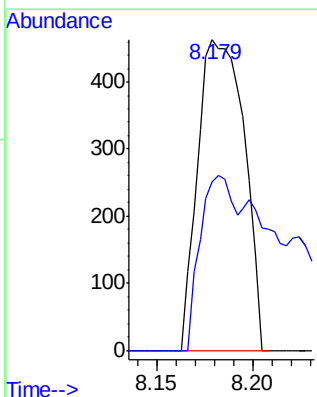
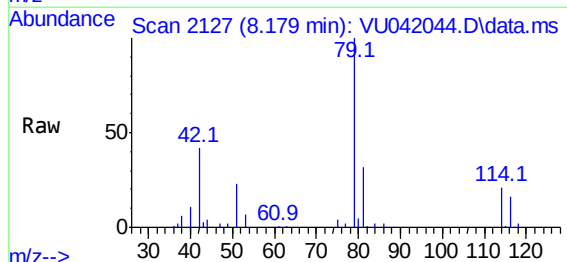
Instrument :
MSVOA_U
ClientSampled :
BFXP2

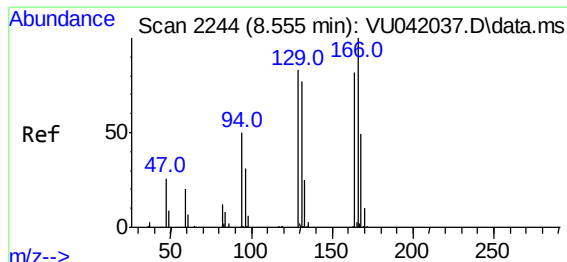
Tgt Ion: 75 Resp: 1175
Ion Ratio Lower Upper
75 100
77 64.9 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion: 75 Resp: 776
Ion Ratio Lower Upper
75 100
77 54.4 22.0 41.0#

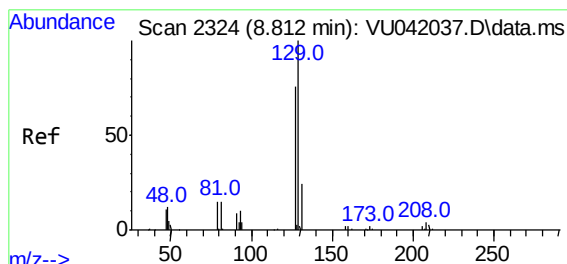
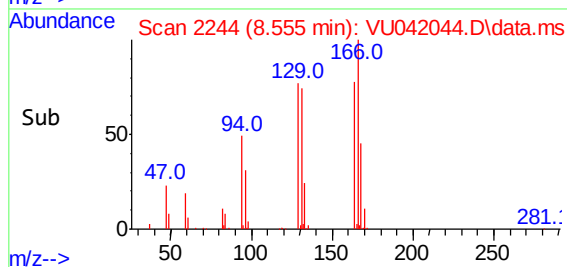
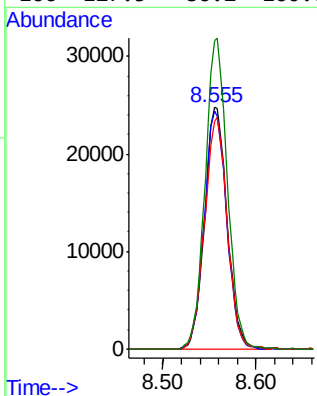
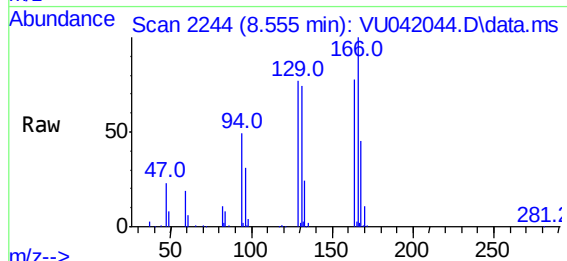




#47
Tetrachloroethene
Concen: 6.34 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

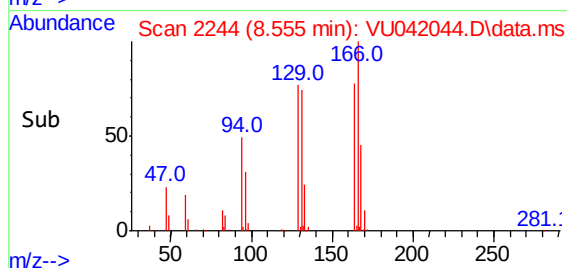
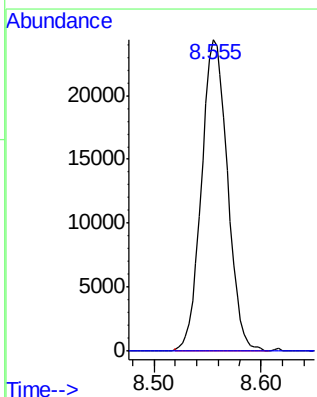
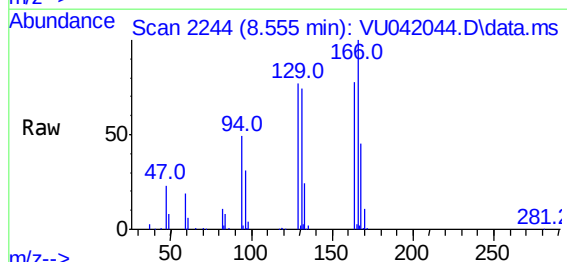
Instrument :
MSVOA_U
ClientSampled :
BFXP2

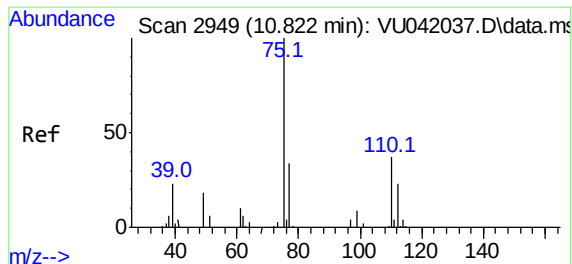
Tgt Ion:	164	Resp:	41448
Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.7	127.5
131	94.5	65.2	121.0
166	127.5	86.2	160.0



#49
Dibromochloromethane
Concen: 5.05 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

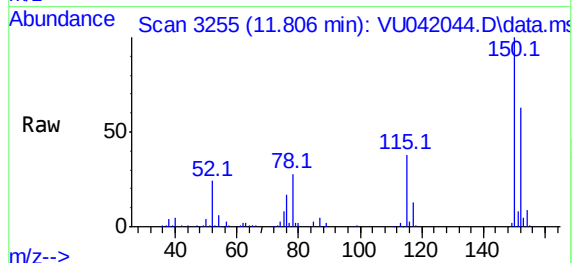
Tgt Ion:	129	Resp:	40780
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.80 ug/L
 RT: 11.806 min Scan# 3255
 Delta R.T. 0.984 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP2



Tgt Ion: 75 Resp: 5497
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4

