

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041986.D
 Acq On : 13 Jan 2021 17:28
 Operator : SY/MD
 Sample : M1026-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM1

Quant Time: Jan 14 17:02:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	113673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46375	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42218	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.919	69	44801	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.575	63	65739	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.652	46	161495	56.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.20%
24) Chloroform-d	5.079	84	90132	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.716	65	49190	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.742	84	165459	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.700	67	51914	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	7.906	98	135666	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloroprop...	8.185	79	21810	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.639	63	125970	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	43780	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	45617	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	573	0.05	ug/L #	86
3) Chloromethane	1.523	50	1505	0.11	ug/L	97
8) Chloroethane	1.928	64	271	0.03	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	812	0.09	ug/L #	25
12) 1,1-Dichloroethene	2.587	96	544	0.06	ug/L #	1
13) Acetone	2.652	43	1696	0.94	ug/L	84
16) Methylene chloride	3.057	84	1978	0.19	ug/L	85
22) cis-1,2-Dichloroethene	4.687	96	1878	0.20	ug/L	79
25) Chloroform	5.102	83	2427	0.14	ug/L	80
29) 1,1,1-Trichloroethane	5.327	97	2670	0.15	ug/L	93
34) Trichloroethene	6.552	95	53178	4.79	ug/L	97
35) Methylcyclohexane	6.703	83	12186	0.69	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5545	0.48	ug/L #	90
44) trans-1,3-Dichloropropene	8.185	75	827	0.06	ug/L #	63
47) Tetrachloroethene	8.558	164	31724	4.41	ug/L	98
49) Dibromochloromethane	8.558	129	33262	3.74	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5636	0.74	ug/L	91

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Instrument :
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BFXM1

Quant Time: Jan 14 17:02:08 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration

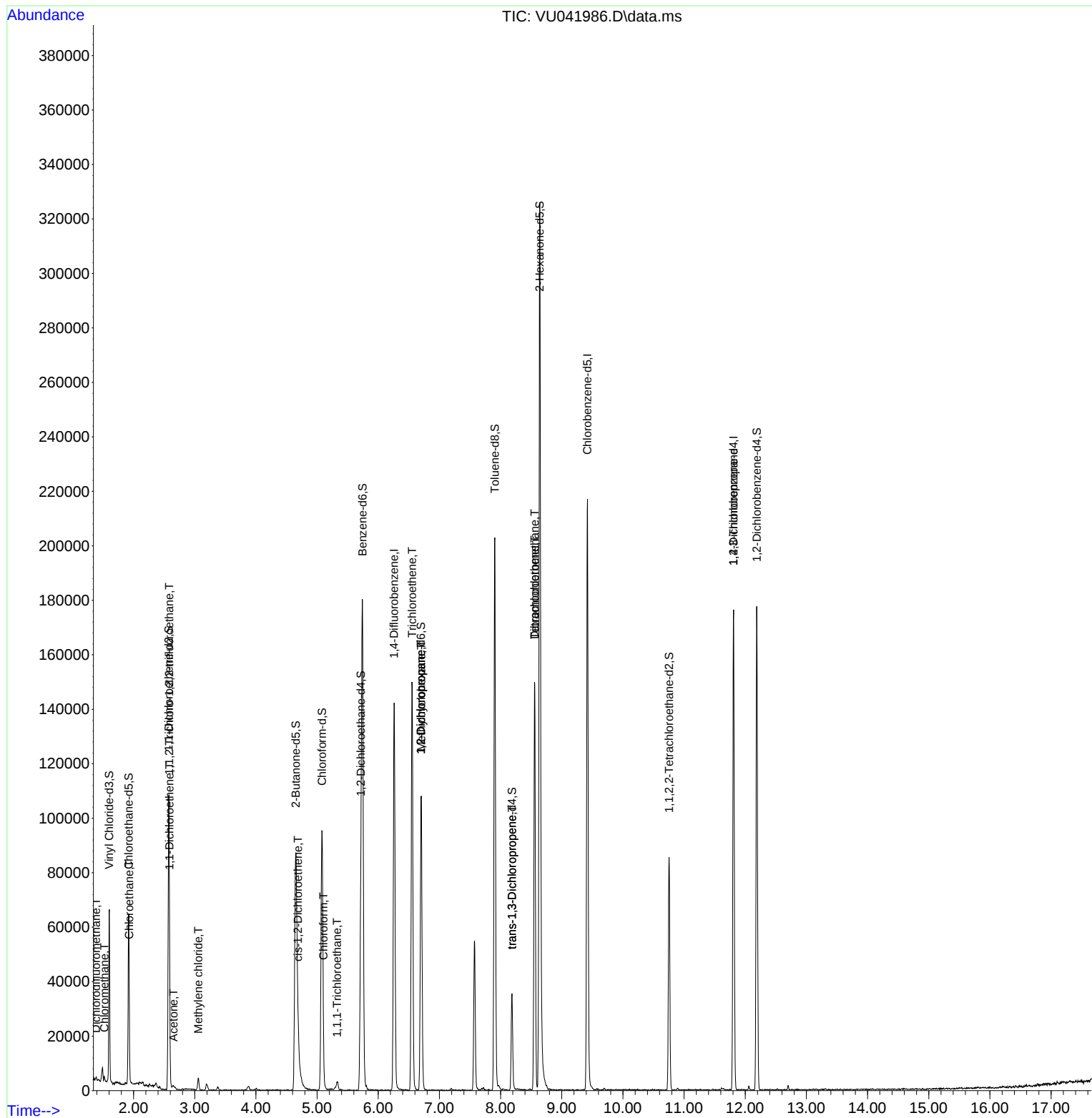
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

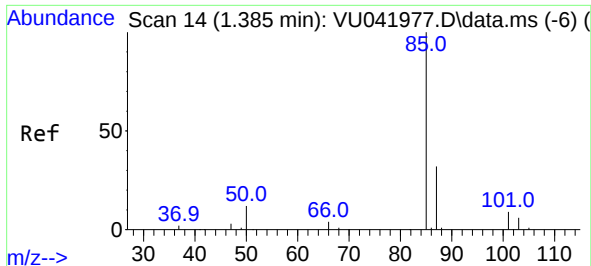
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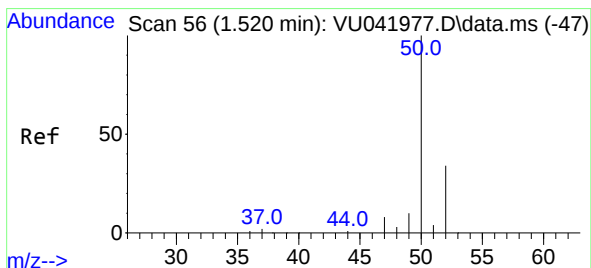
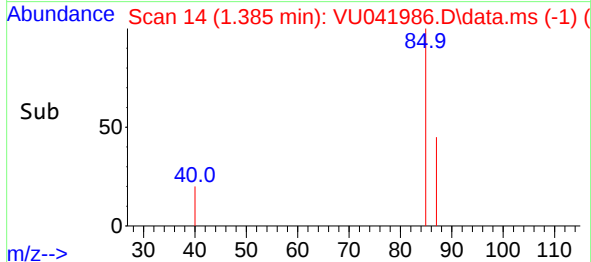
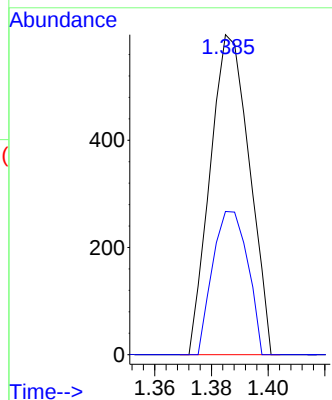
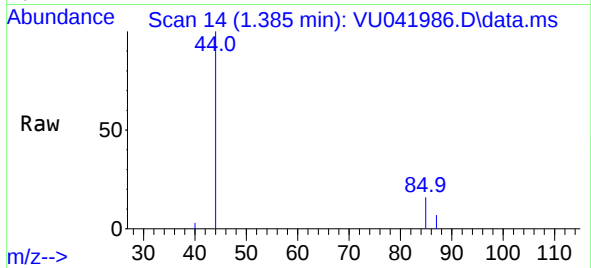




#2
Dichlorodifluoromethane
Concen: 0.05 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

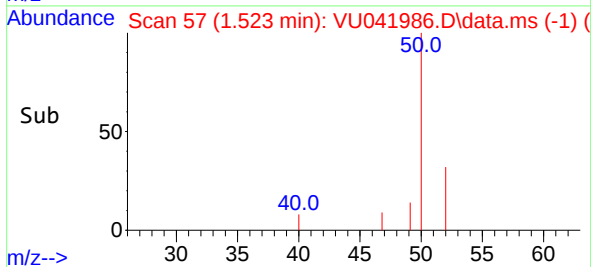
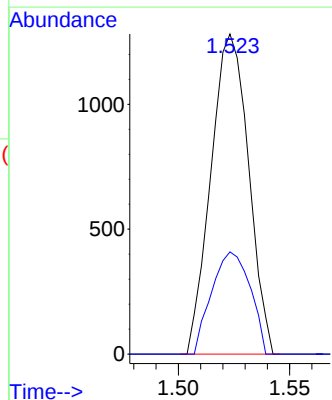
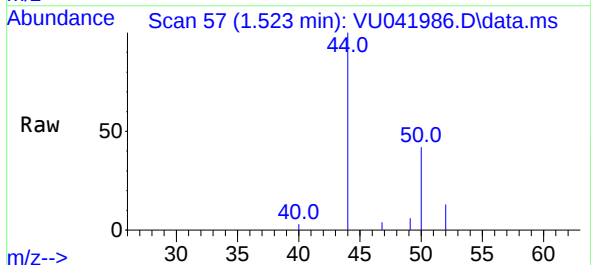
Instrument :
MSVOA_U
ClientSampled :
BFXM1

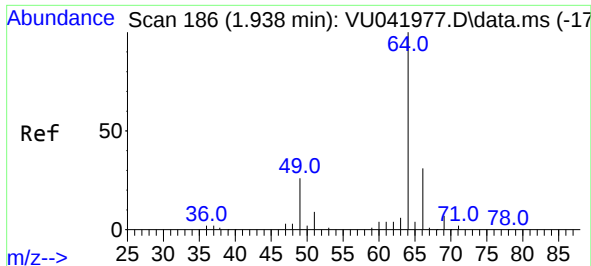
Tgt Ion: 85 Resp: 573
Ion Ratio Lower Upper
85 100
87 40.0 25.7 38.5#



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion: 50 Resp: 1505
Ion Ratio Lower Upper
50 100
52 31.9 23.5 43.7

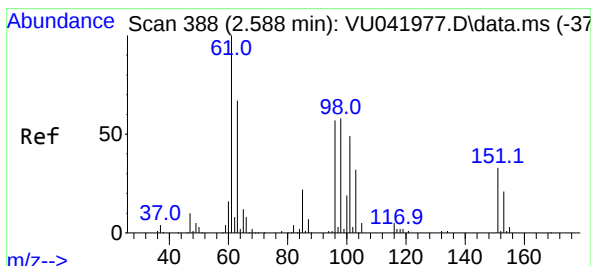
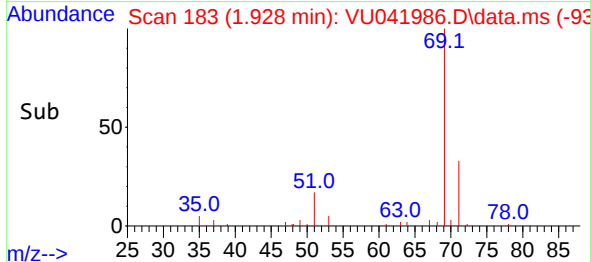
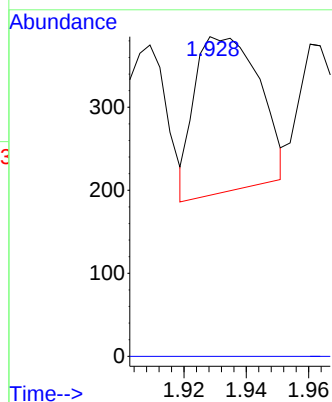
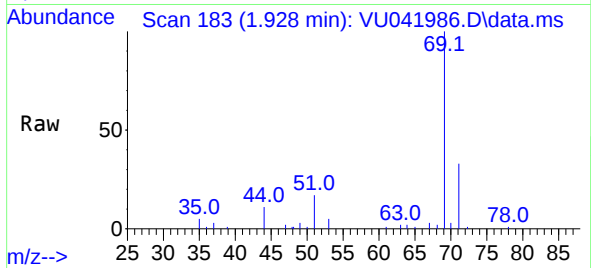




#8
Chloroethane
Concen: 0.03 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.010 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

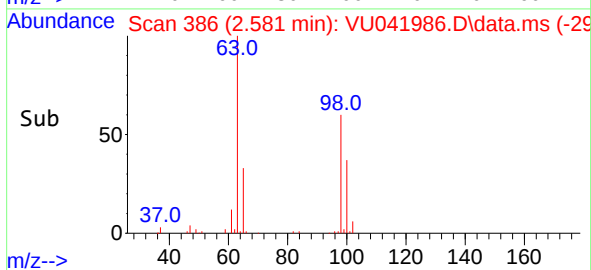
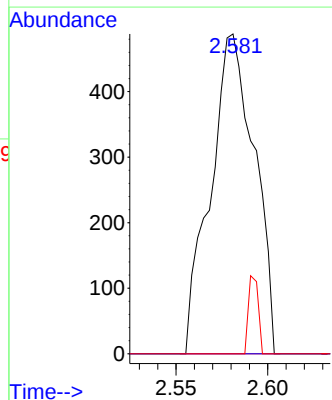
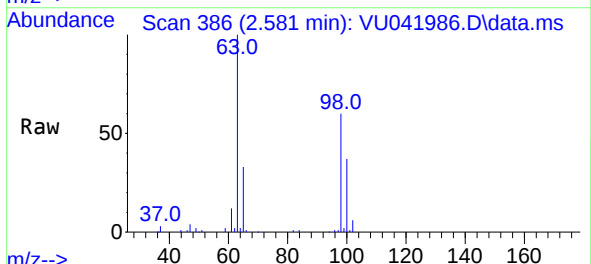
Instrument :
MSVOA_U
ClientSampled :
BFXM1

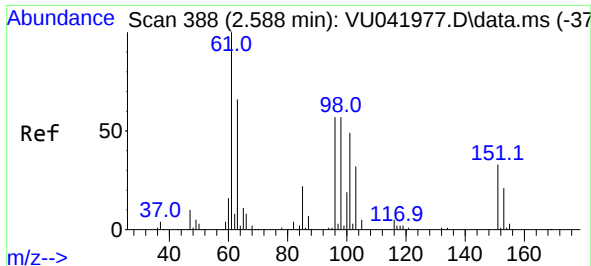
Tgt Ion: 64 Resp: 271
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.09 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion:101 Resp: 812
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 5.4 55.4 83.2#





#12

1,1-Dichloroethene

Concen: 0.06 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

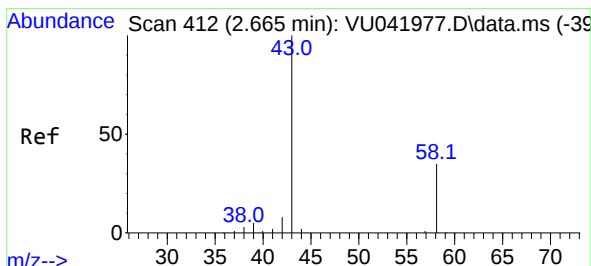
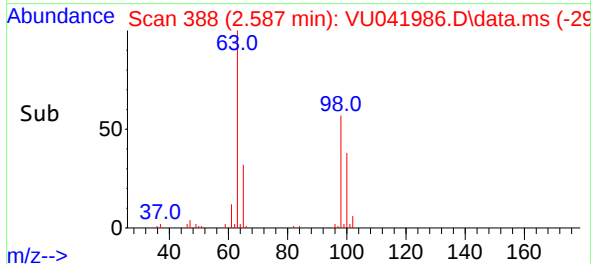
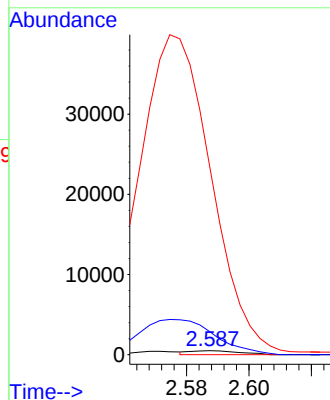
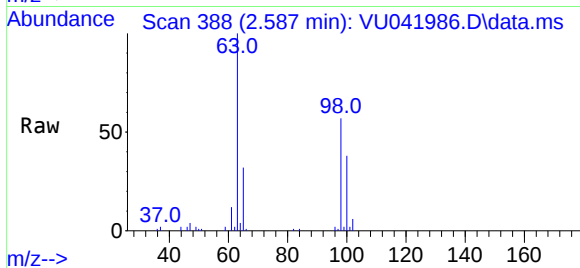
Lab File: VU041986.D

Acq: 13 Jan 2021 17:28

Tgt Ion: 96 Resp: 544

Ion	Ratio	Lower	Upper
96	100		
61	569.8	122.2	226.9#
63	4659.2	82.8	153.8#

Instrument :
MSVOA_U
ClientSampleId :
BFXM1



#13

Acetone

Concen: 0.94 ug/L

RT: 2.652 min Scan# 408

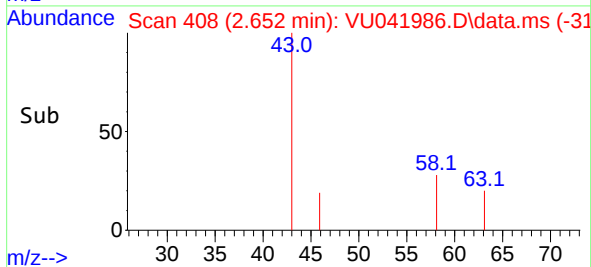
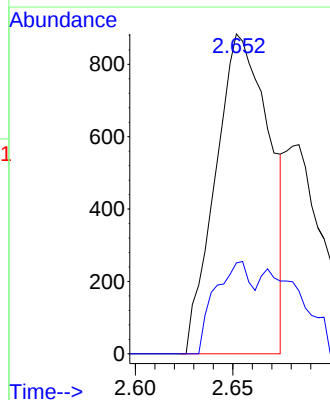
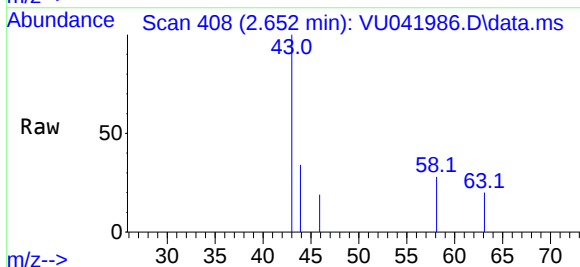
Delta R.T. -0.013 min

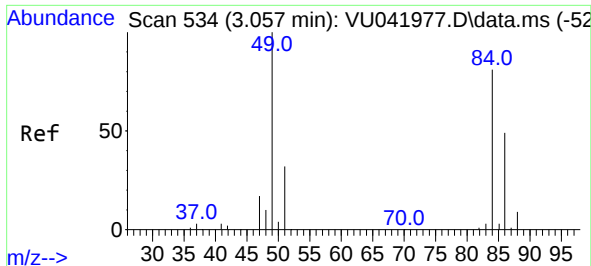
Lab File: VU041986.D

Acq: 13 Jan 2021 17:28

Tgt Ion: 43 Resp: 1696

Ion	Ratio	Lower	Upper
43	100		
58	20.0	0.0	57.4



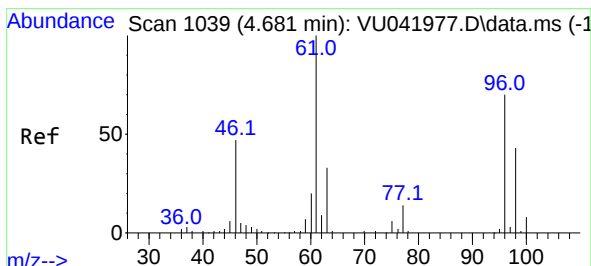
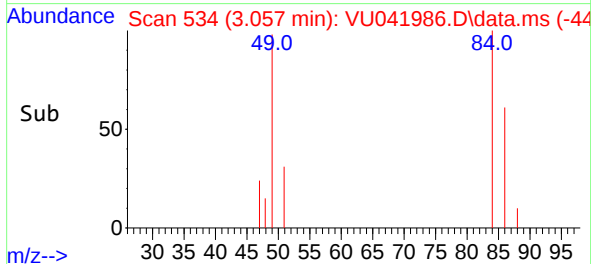
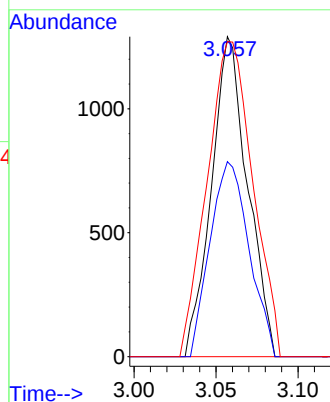
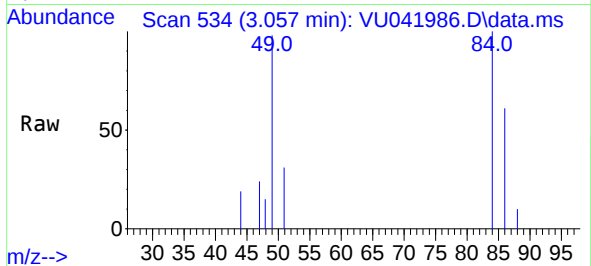


#16
Methylene chloride
Concen: 0.19 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Instrument :
MSVOA_U
ClientSampleId :
BFXM1

Tgt Ion: 84 Resp: 1978

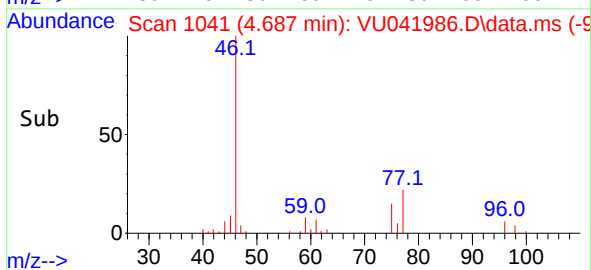
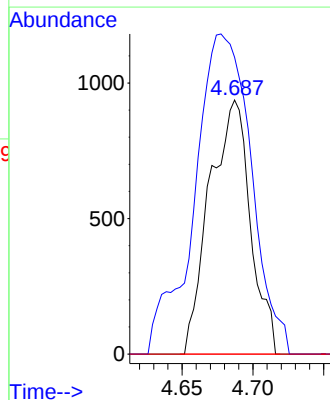
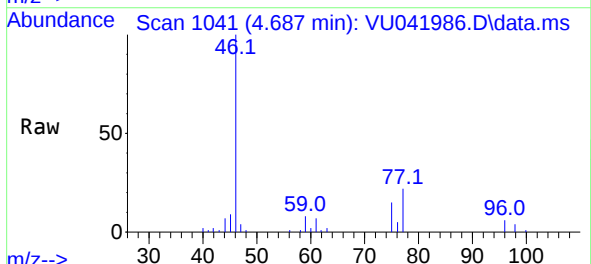
Ion	Ratio	Lower	Upper
84	100		
86	61.0	42.6	79.0
49	98.5	86.2	160.0

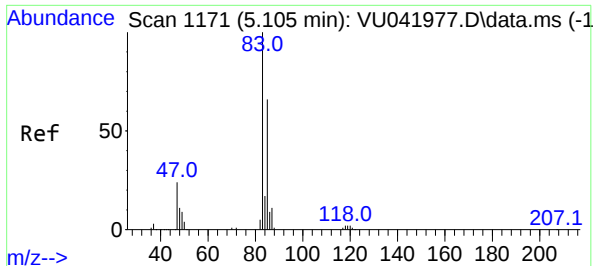


#22
cis-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion: 96 Resp: 1878

Ion	Ratio	Lower	Upper
96	100		
61	116.9	100.3	186.3
68	0.0	0.0	0.0



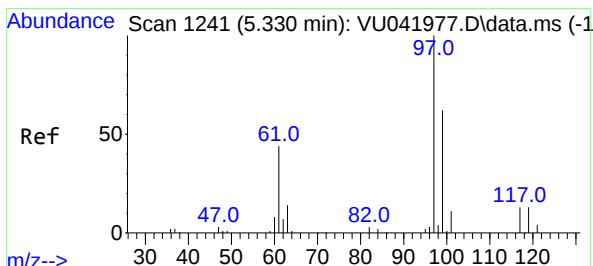
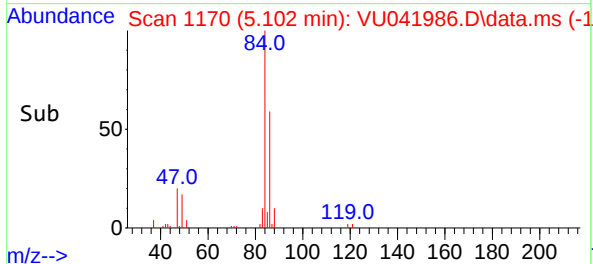
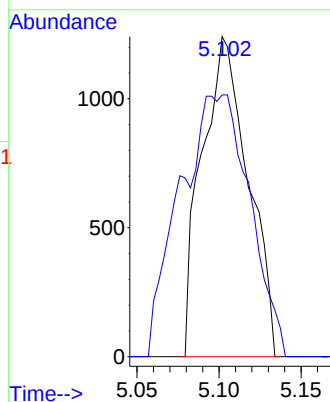
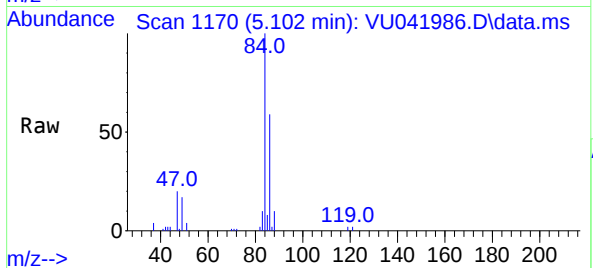


#25

Chloroform
Concen: 0.14 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Instrument :
MSVOA_U
ClientSampleId :
BFXM1

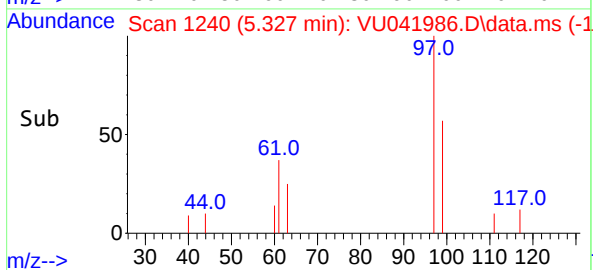
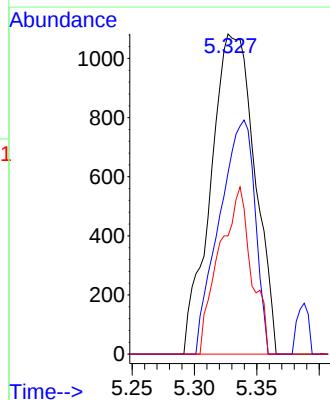
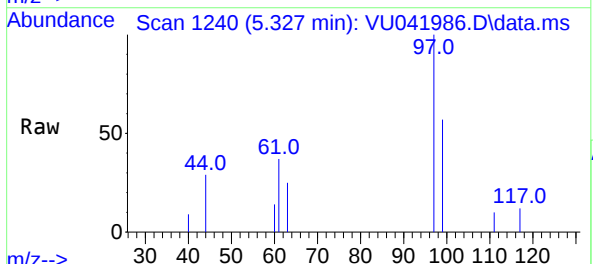
Tgt Ion: 83 Resp: 2427
Ion Ratio Lower Upper
83 100
85 81.8 46.1 85.7

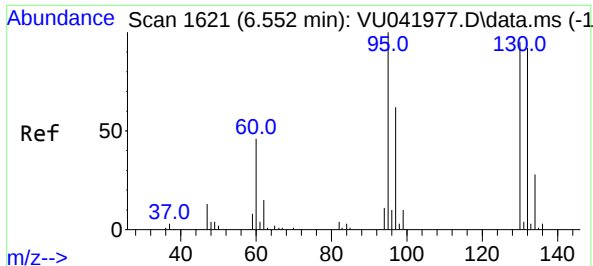


#29

1,1,1-Trichloroethane
Concen: 0.15 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion: 97 Resp: 2670
Ion Ratio Lower Upper
97 100
99 59.1 50.2 75.4
61 38.0 35.8 53.6



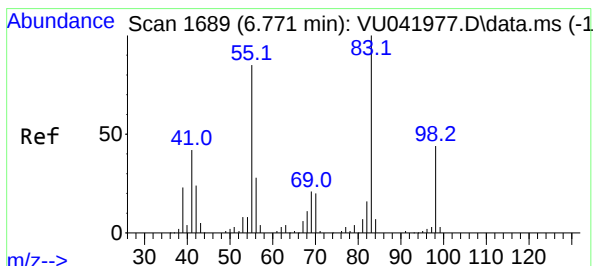
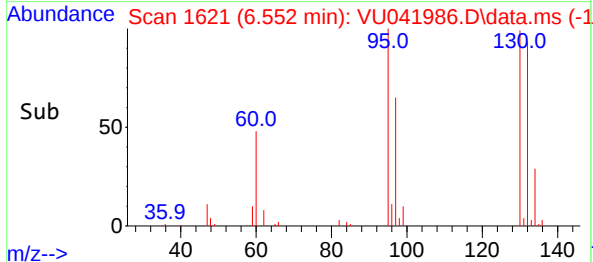
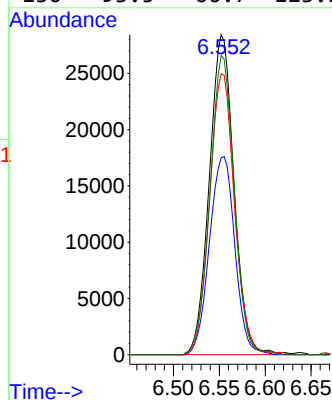
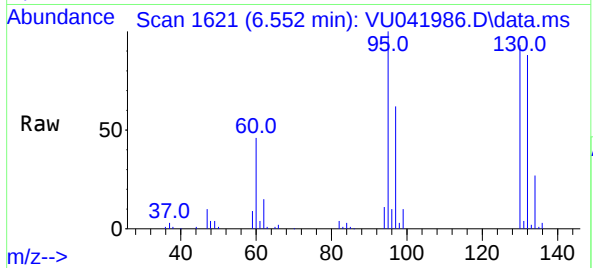


#34
Trichloroethene
Concen: 4.79 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Instrument :
MSVOA_U
ClientSampleId :
BFXM1

Tgt Ion: 95 Resp: 53178

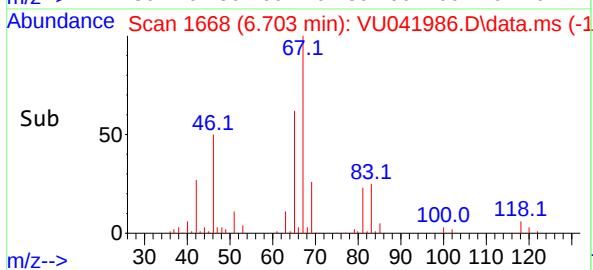
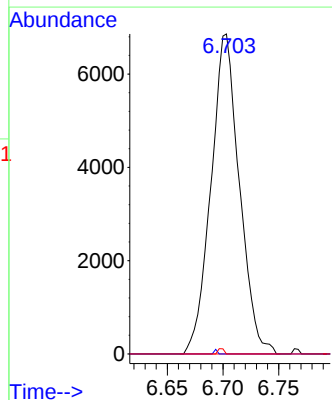
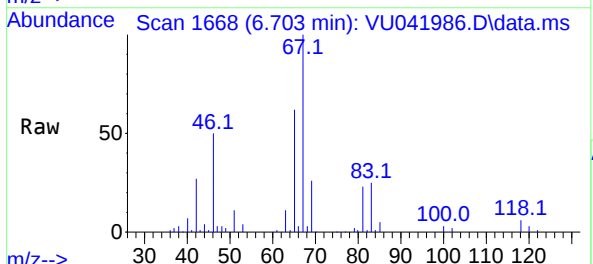
Ion	Ratio	Lower	Upper
95	100		
97	61.5	43.6	81.0
132	87.8	64.3	119.3
130	93.5	66.7	123.9

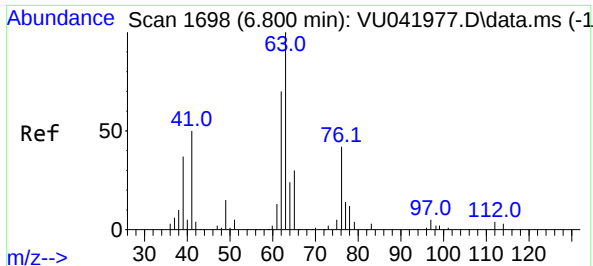


#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion: 83 Resp: 12186

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.8	100.2#
98	0.0	35.7	53.5#

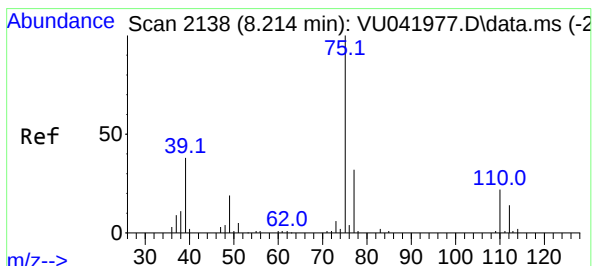
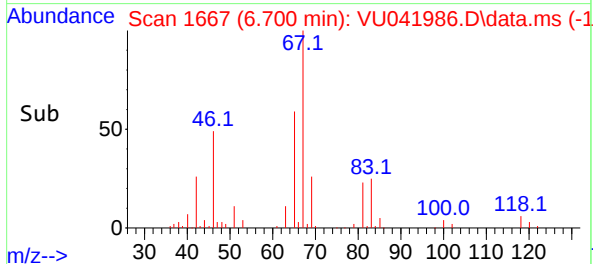
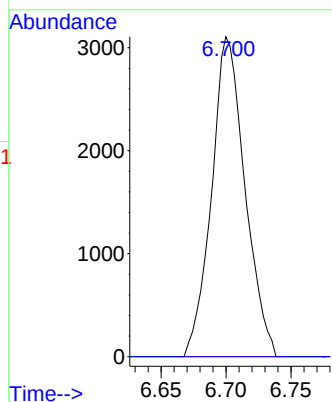
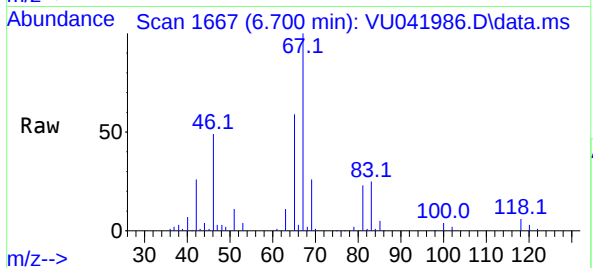




#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

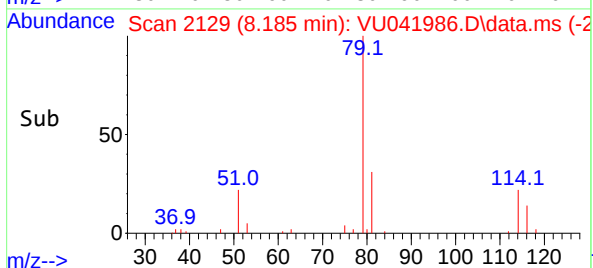
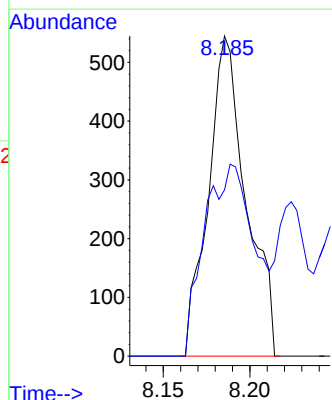
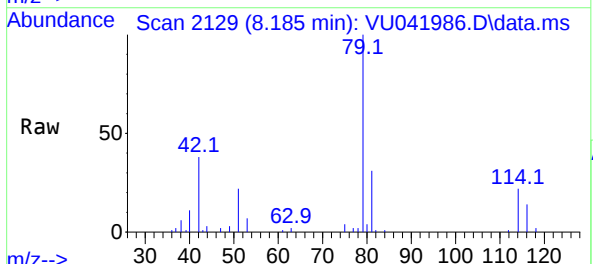
Instrument :
MSVOA_U
ClientSampled :
BFXM1

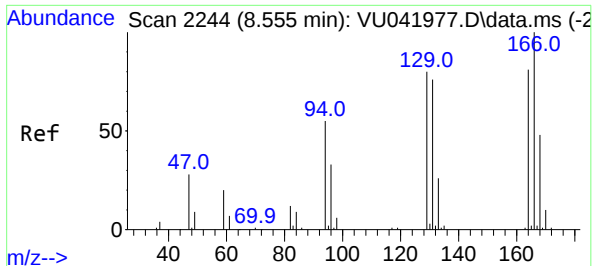
Tgt Ion: 63 Resp: 5545
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
77 51.9 22.0 41.0#



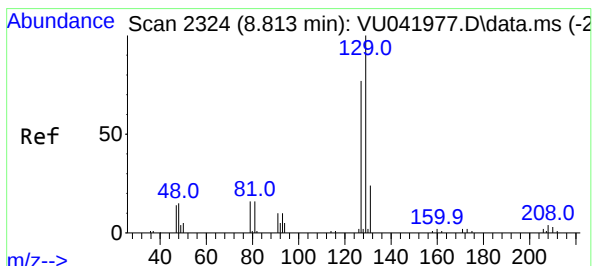
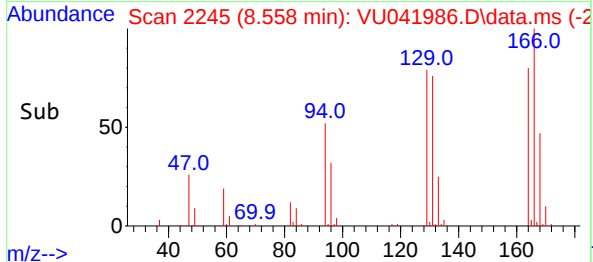
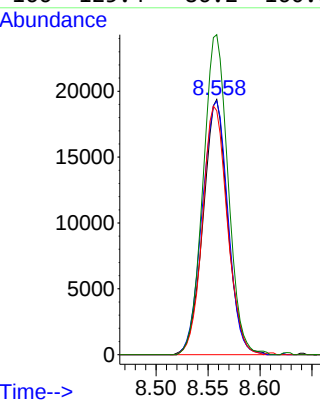
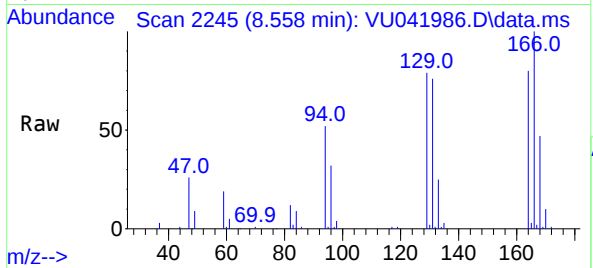


#47
Tetrachloroethene
Concen: 4.41 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Instrument :
MSVOA_U
ClientSampled :
BFXM1

Tgt Ion:164 Resp: 31724

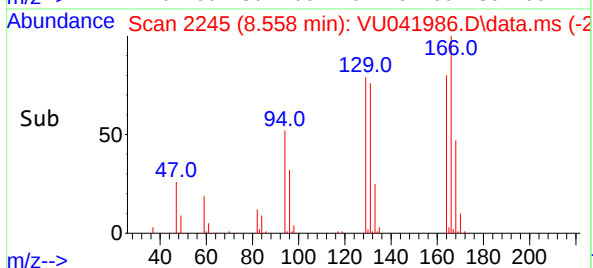
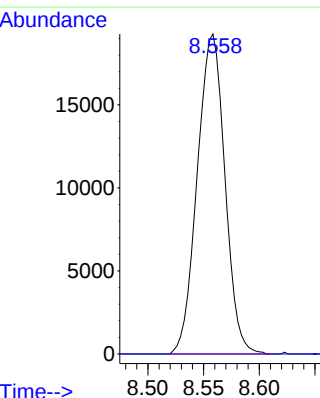
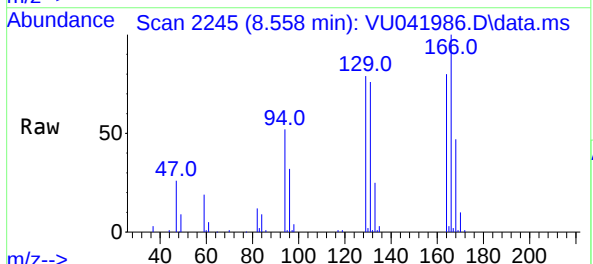
Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.7	127.5
131	95.6	65.2	121.0
166	125.4	86.2	160.0

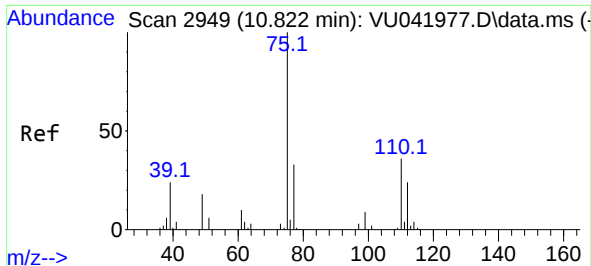


#49
Dibromochloromethane
Concen: 3.74 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Tgt Ion:129 Resp: 33262

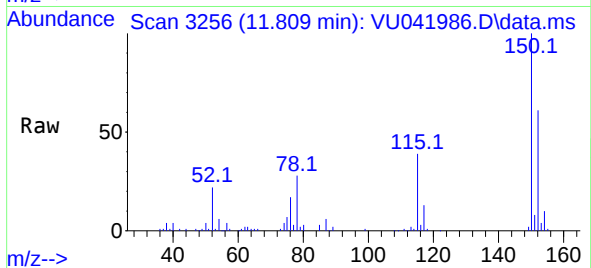
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
1,2,3-Trichloropropane
Concen: 0.74 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU041986.D
Acq: 13 Jan 2021 17:28

Instrument :
MSVOA_U
ClientSampleId :
BFXM1



Tgt Ion: 75 Resp: 5636
Ion Ratio Lower Upper
75 100
77 36.9 25.6 38.4

