

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042050.D
 Acq On : 14 Jan 2021 22:49
 Operator : SY/MD
 Sample : M1065-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP4DL

Quant Time: Jan 15 06:38:08 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)

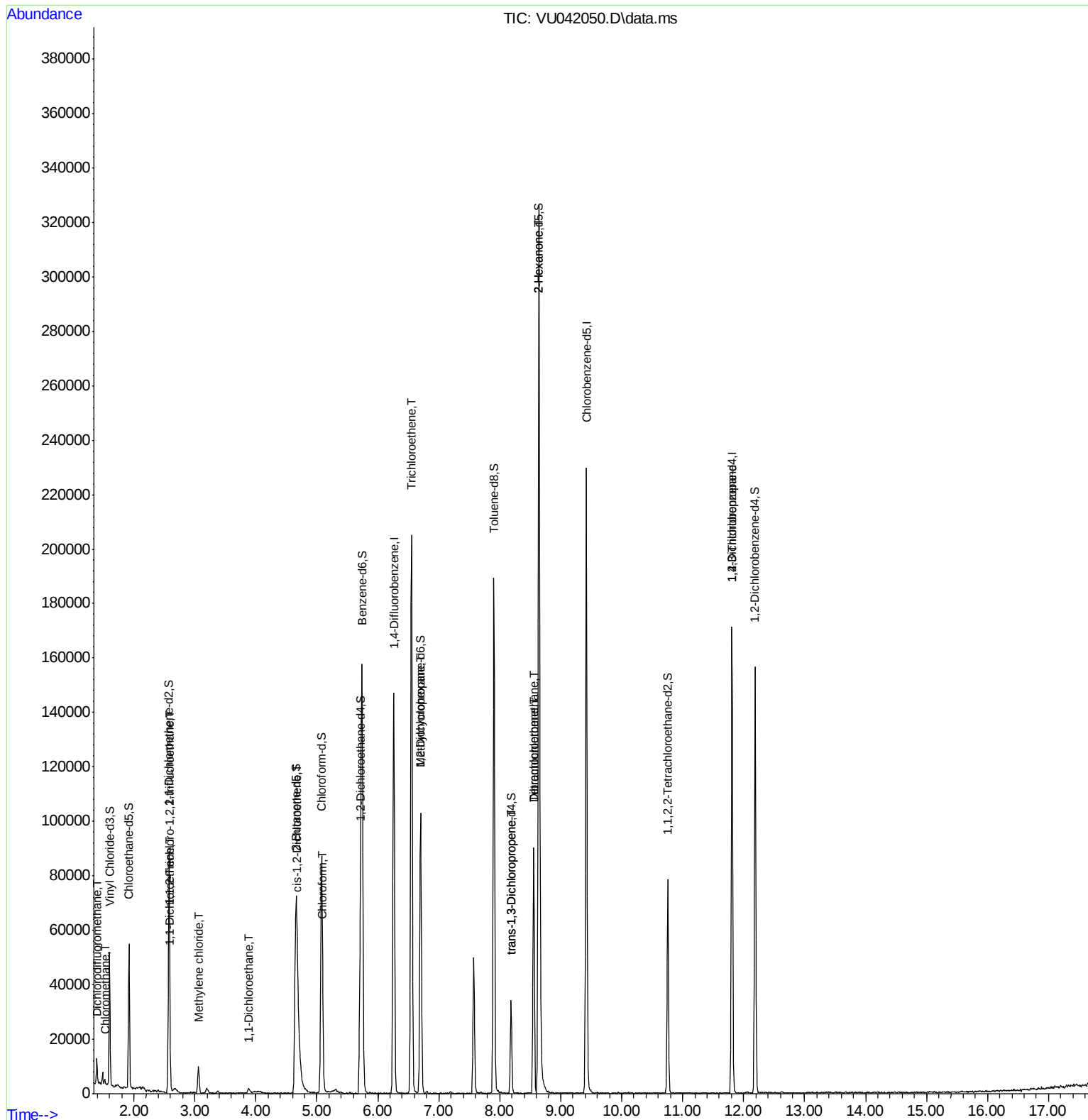
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	119645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44632	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33858	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.919	69	37391	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.575	63	53497	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.662	46	153263	50.58	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	5.080	84	83535	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.716	65	46016	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.742	84	146540	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
36) 1,2-Dichloropropane-d6	6.703	67	52215	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.906	98	127212	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloroprop...	8.186	79	20403	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.642	63	130291	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	40135	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	40690	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	1299	0.12	ug/L	89
3) Chloromethane	1.523	50	1066	0.08	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	679	0.07	ug/L #	39
12) 1,1-Dichloroethene	2.591	96	1436	0.15	ug/L #	1
16) Methylene chloride	3.057	84	4547	0.42	ug/L	93
19) 1,1-Dichloroethane	3.880	63	2272	0.12	ug/L	90
22) cis-1,2-Dichloroethene	4.678	96	1548	0.16	ug/L	80
25) Chloroform	5.096	83	1131	0.06	ug/L	93
34) Trichloroethene	6.552	95	74742	6.30	ug/L	97
35) Methylcyclohexane	6.700	83	11571	0.61	ug/L #	17
44) trans-1,3-Dichloropropene	8.186	75	830	0.05	ug/L #	36
47) Tetrachloroethene	8.558	164	20026	2.61	ug/L	95
48) 2-Hexanone	8.642	43	15831	2.75	ug/L #	64
49) Dibromochloromethane	8.558	129	20216	2.13	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5335	0.66	ug/L	95

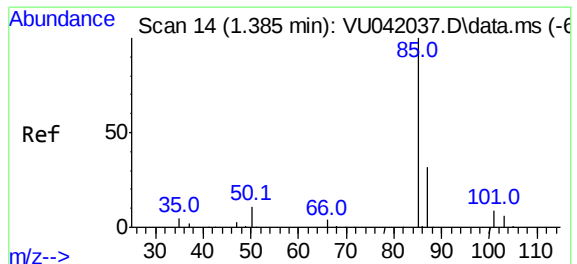
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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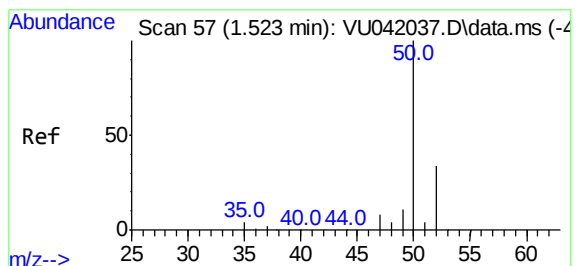
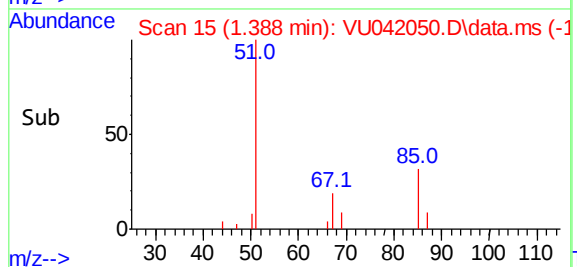
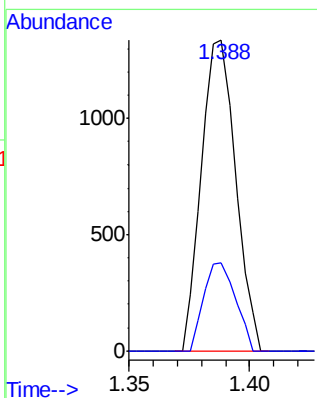
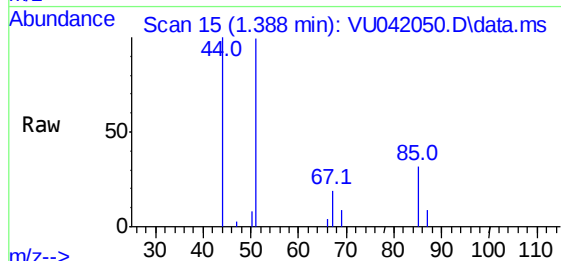


#2
 Dichlorodifluoromethane
 Concen: 0.12 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.003 min
 Lab File: VU042050.D
 Acq: 14 Jan 2021 22:49

Instrument :
 MSVOA_U
 ClientSampled :
 BFXP4DL

Tgt Ion: 85 Resp: 1299

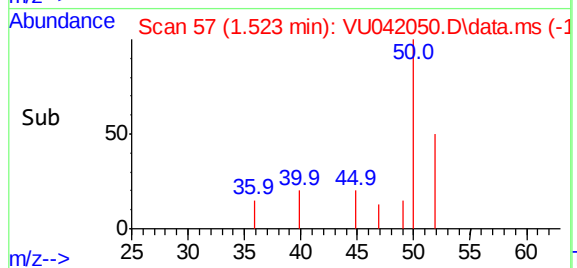
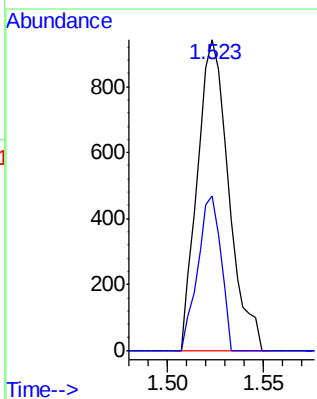
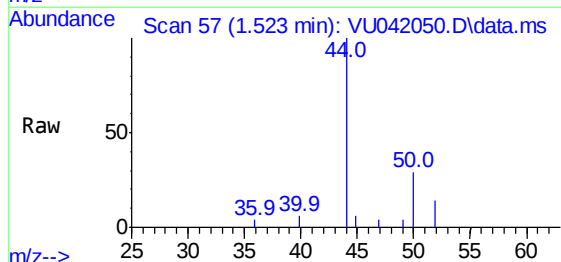
Ion	Ratio	Lower	Upper
85	100		
87	26.2	25.7	38.5

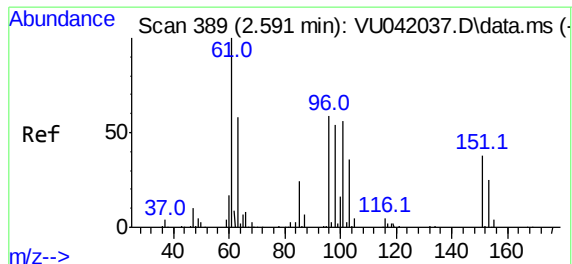


#3
 Chloromethane
 Concen: 0.08 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU042050.D
 Acq: 14 Jan 2021 22:49

Tgt Ion: 50 Resp: 1066

Ion	Ratio	Lower	Upper
50	100		
52	49.7	23.5	43.7#

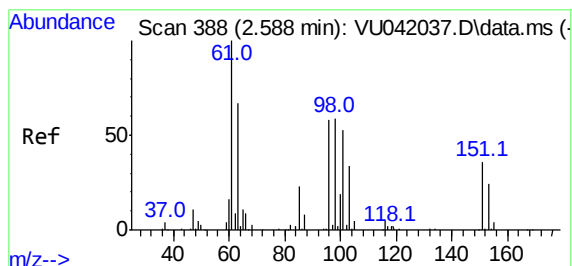
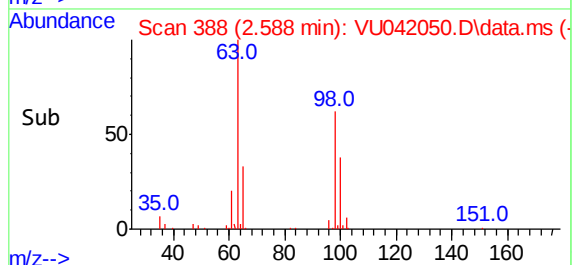
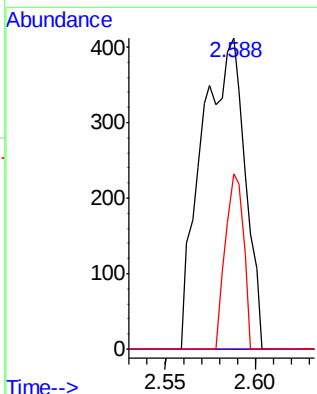
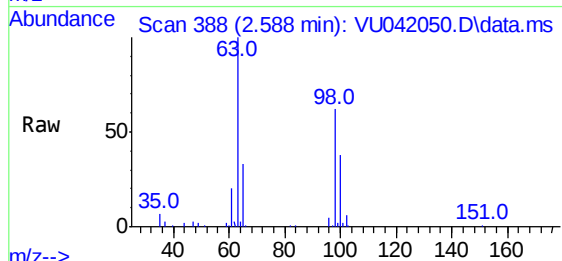




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.07 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU042050.D
 Acq: 14 Jan 2021 22:49

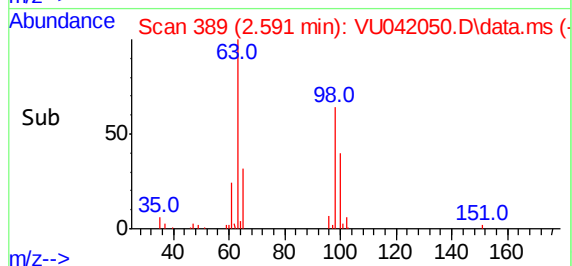
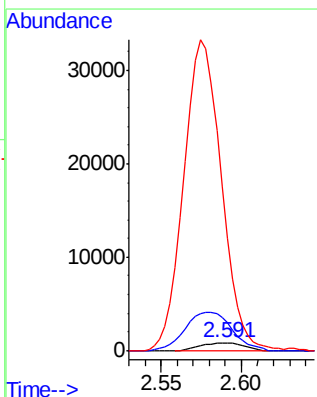
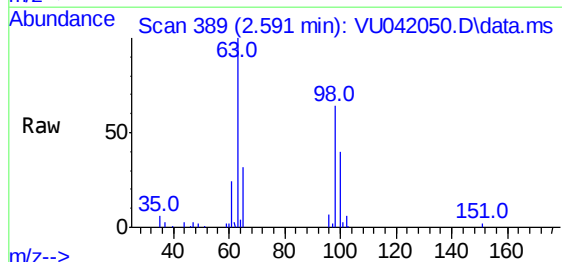
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP4DL

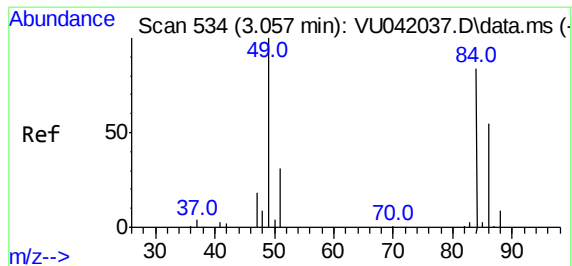
Tgt Ion:101 Resp: 679
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 24.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.15 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU042050.D
 Acq: 14 Jan 2021 22:49

Tgt Ion: 96 Resp: 1436
 Ion Ratio Lower Upper
 96 100
 61 354.3 122.2 226.9#
 63 1451.4 82.8 153.8#

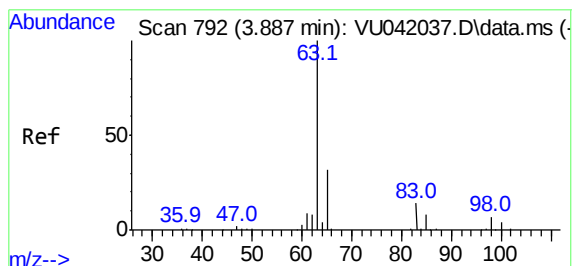
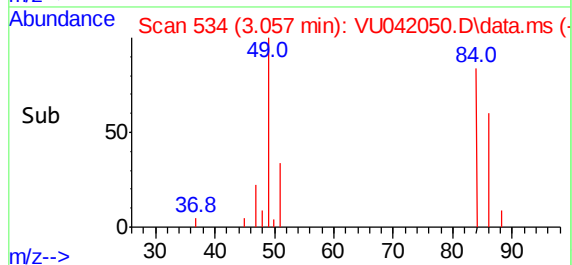
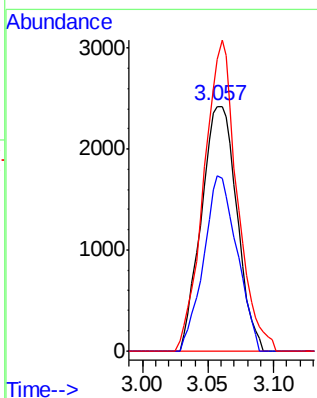
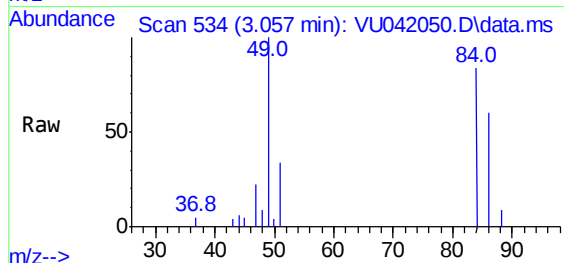




#16
Methylene chloride
Concen: 0.42 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

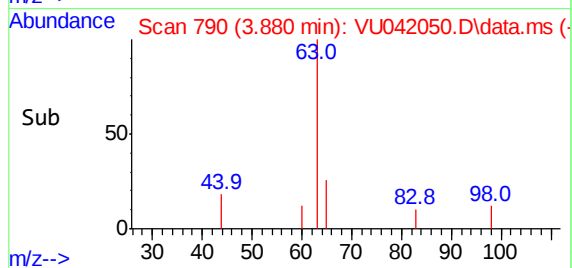
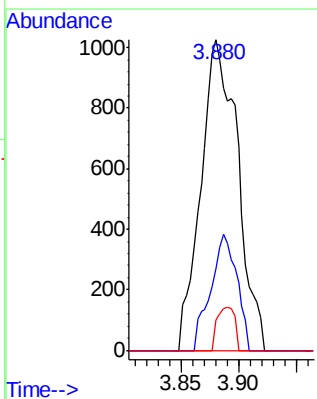
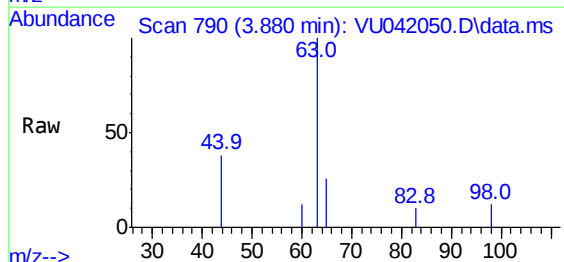
Instrument :
MSVOA_U
ClientSampled :
BFXP4DL

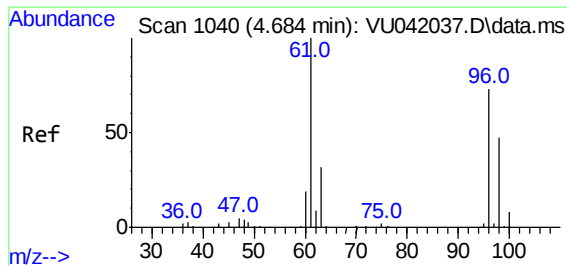
Tgt Ion: 84 Resp: 4547
Ion Ratio Lower Upper
84 100
86 71.5 42.6 79.0
49 119.4 86.2 160.0



#19
1,1-Dichloroethane
Concen: 0.12 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.006 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion: 63 Resp: 2272
Ion Ratio Lower Upper
63 100
65 26.3 22.7 42.1
83 9.9 9.4 17.6



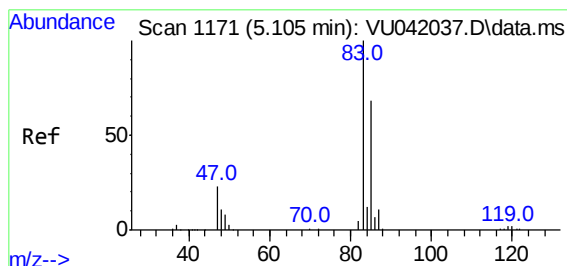
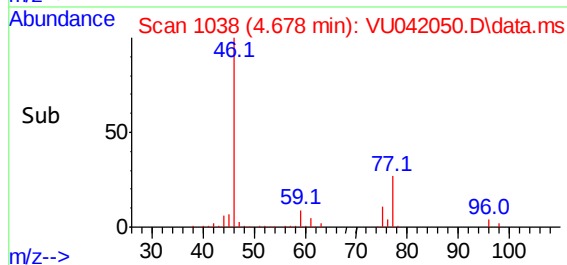
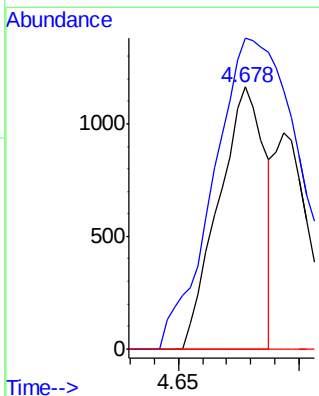
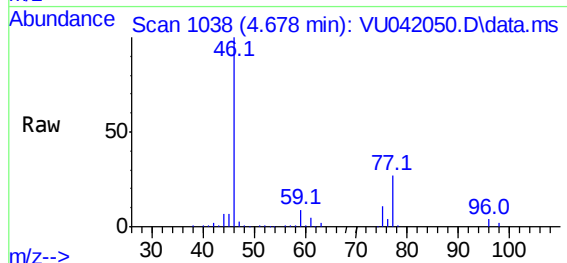


#22
 cis-1,2-Dichloroethene
 Concen: 0.16 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VU042050.D
 Acq: 14 Jan 2021 22:49

Instrument :
 MSVOA_U
 ClientSampled :
 BFXP4DL

Tgt Ion: 96 Resp: 1548

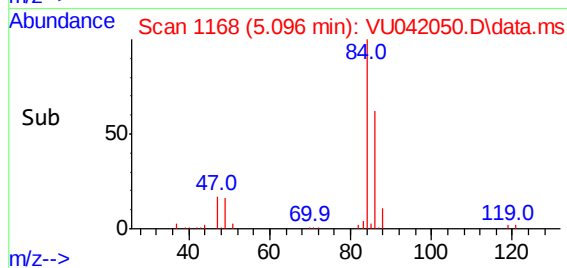
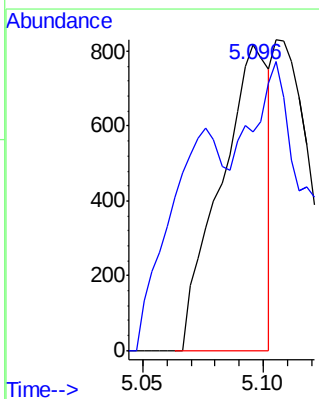
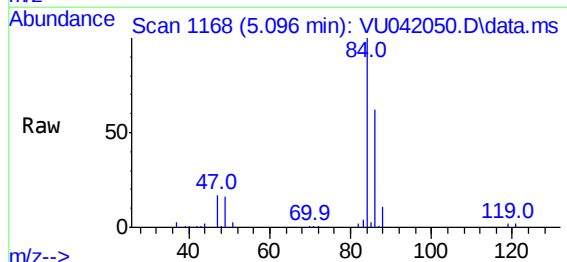
Ion	Ratio	Lower	Upper
96	100		
61	118.7	100.3	186.3
68	0.0	0.0	0.0

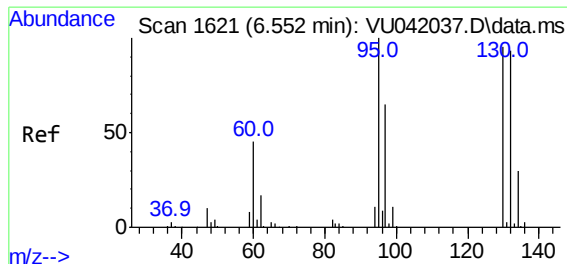


#25
 Chloroform
 Concen: 0.06 ug/L
 RT: 5.096 min Scan# 1168
 Delta R.T. -0.010 min
 Lab File: VU042050.D
 Acq: 14 Jan 2021 22:49

Tgt Ion: 83 Resp: 1131

Ion	Ratio	Lower	Upper
83	100		
85	71.7	46.1	85.7



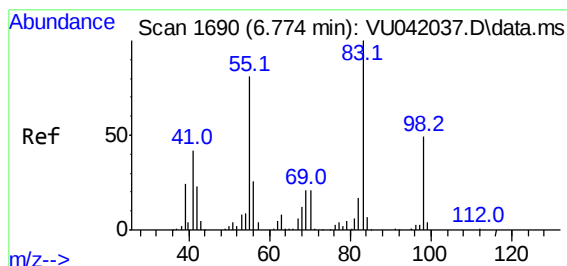
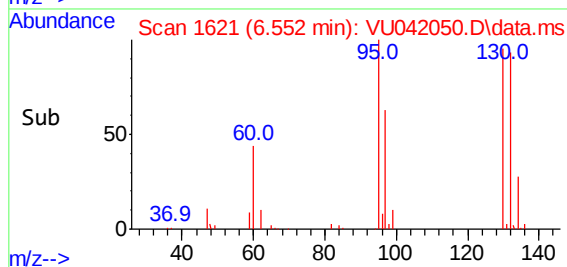
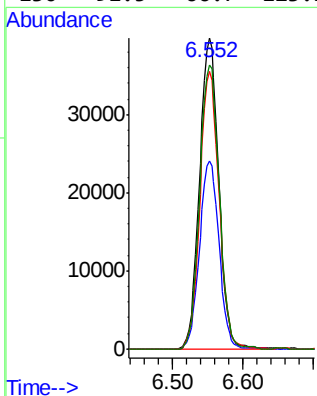
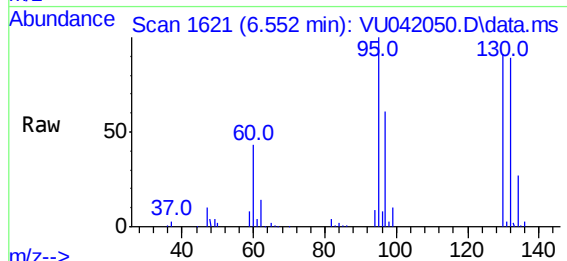


#34
Trichloroethene
Concen: 6.30 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Instrument :
MSVOA_U
ClientSampleId :
BFXP4DL

Tgt Ion: 95 Resp: 74742

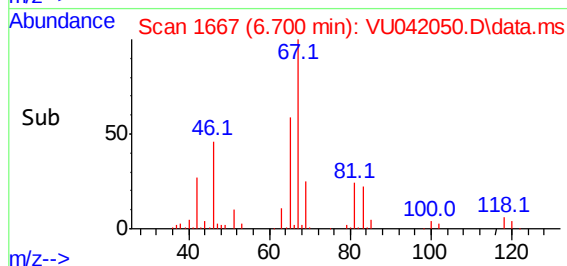
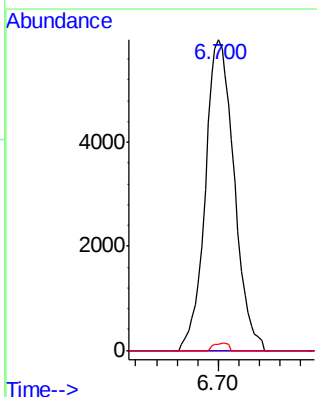
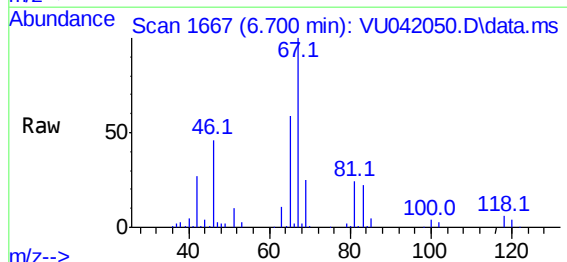
Ion	Ratio	Lower	Upper
95	100		
97	60.7	43.6	81.0
132	89.4	64.3	119.3
130	91.5	66.7	123.9

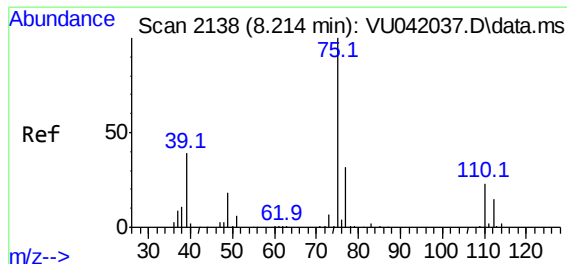


#35
Methylcyclohexane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion: 83 Resp: 11571

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	1.2	35.7	53.5#

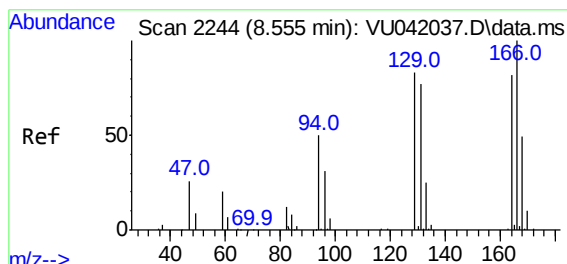
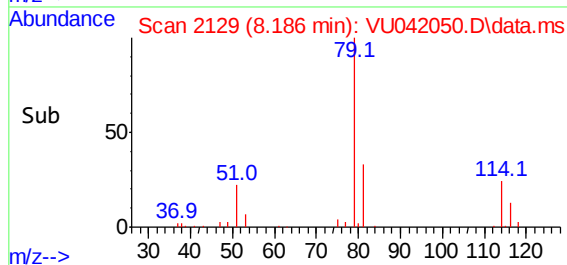
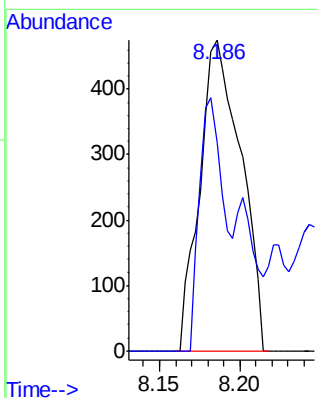
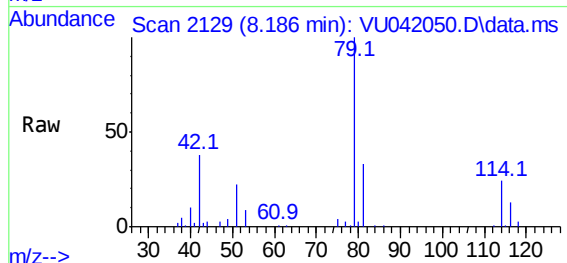




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

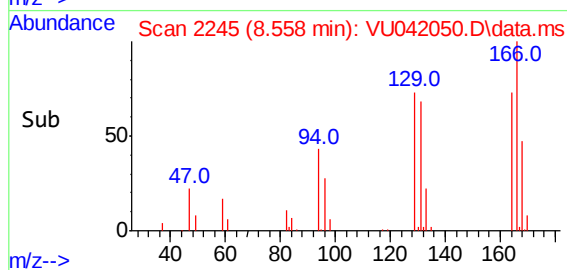
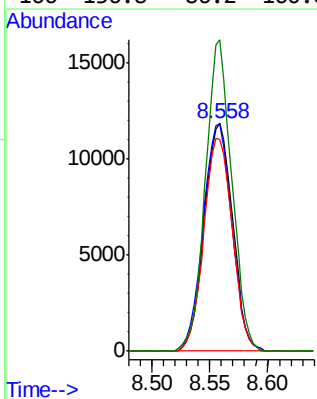
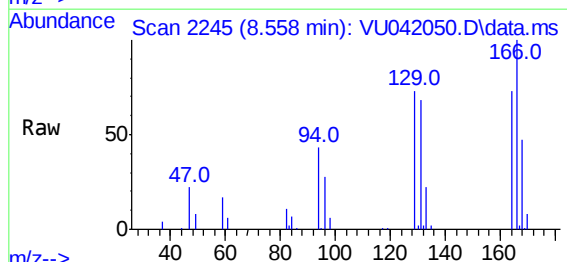
Instrument :
MSVOA_U
ClientSampleId :
BFXP4DL

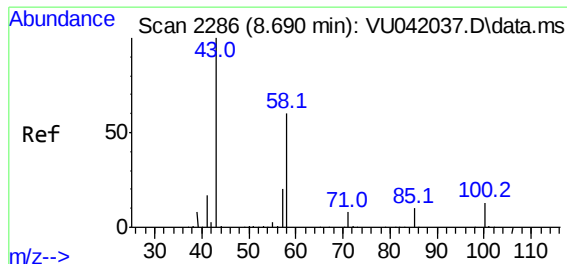
Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
77 66.9 22.0 41.0#



#47
Tetrachloroethene
Concen: 2.61 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion:164 Resp: 20026
Ion Ratio Lower Upper
164 100
129 99.7 68.7 127.5
131 93.1 65.2 121.0
166 136.8 86.2 160.0



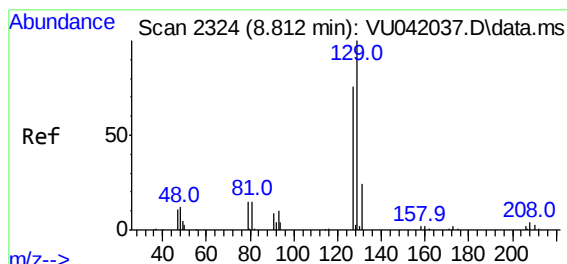
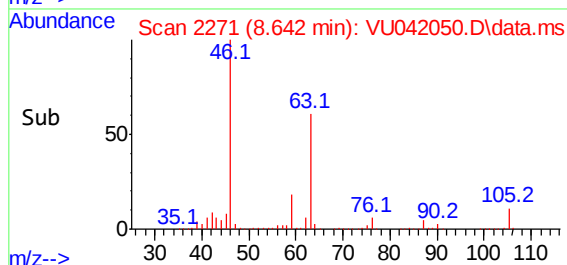
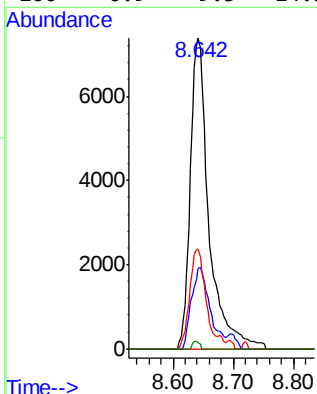
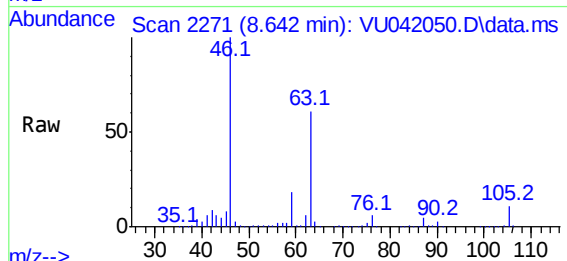


#48
2-Hexanone
Concen: 2.75 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Instrument :
MSVOA_U
ClientSampleId :
BFXP4DL

Tgt Ion: 43 Resp: 15831

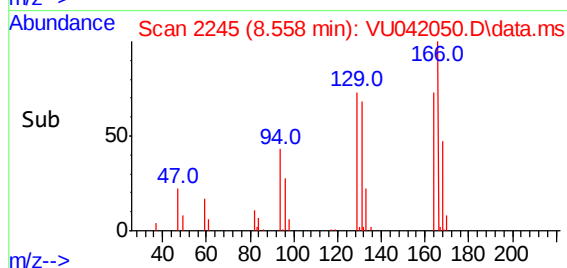
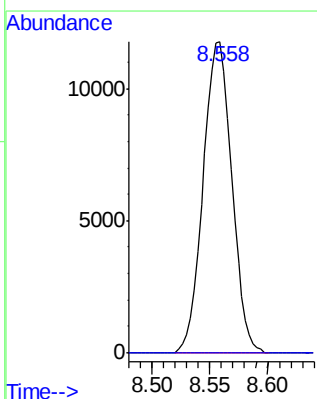
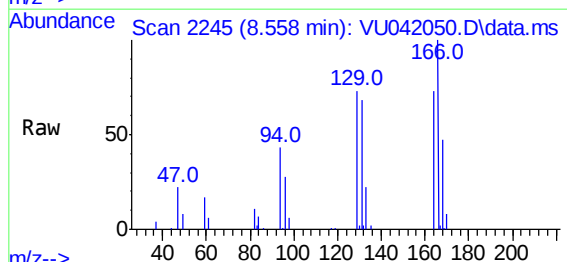
Ion	Ratio	Lower	Upper
43	100		
58	26.2	47.8	71.8#
57	28.7	17.4	26.0#
100	0.9	9.5	14.3#

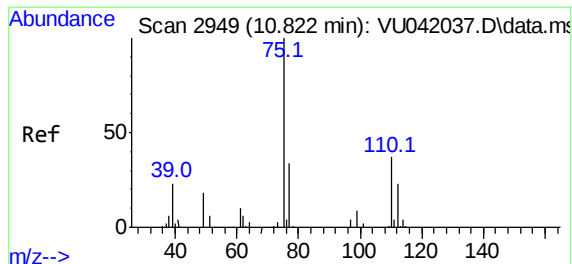


#49
Dibromochloromethane
Concen: 2.13 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion: 129 Resp: 20216

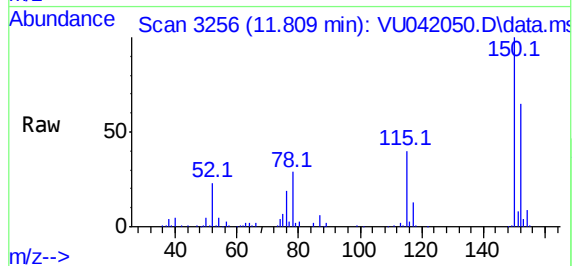
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
1,2,3-Trichloropropane
Concen: 0.66 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Instrument :
MSVOA_U
ClientSampleId :
BFXP4DL



Tgt Ion: 75 Resp: 5335
Ion Ratio Lower Upper
75 100
77 35.0 25.6 38.4

