

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042103.D
 Acq On : 20 Jan 2021 14:11
 Operator : SY/MD
 Sample : M1164-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ1

Quant Time: Jan 21 04:20:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

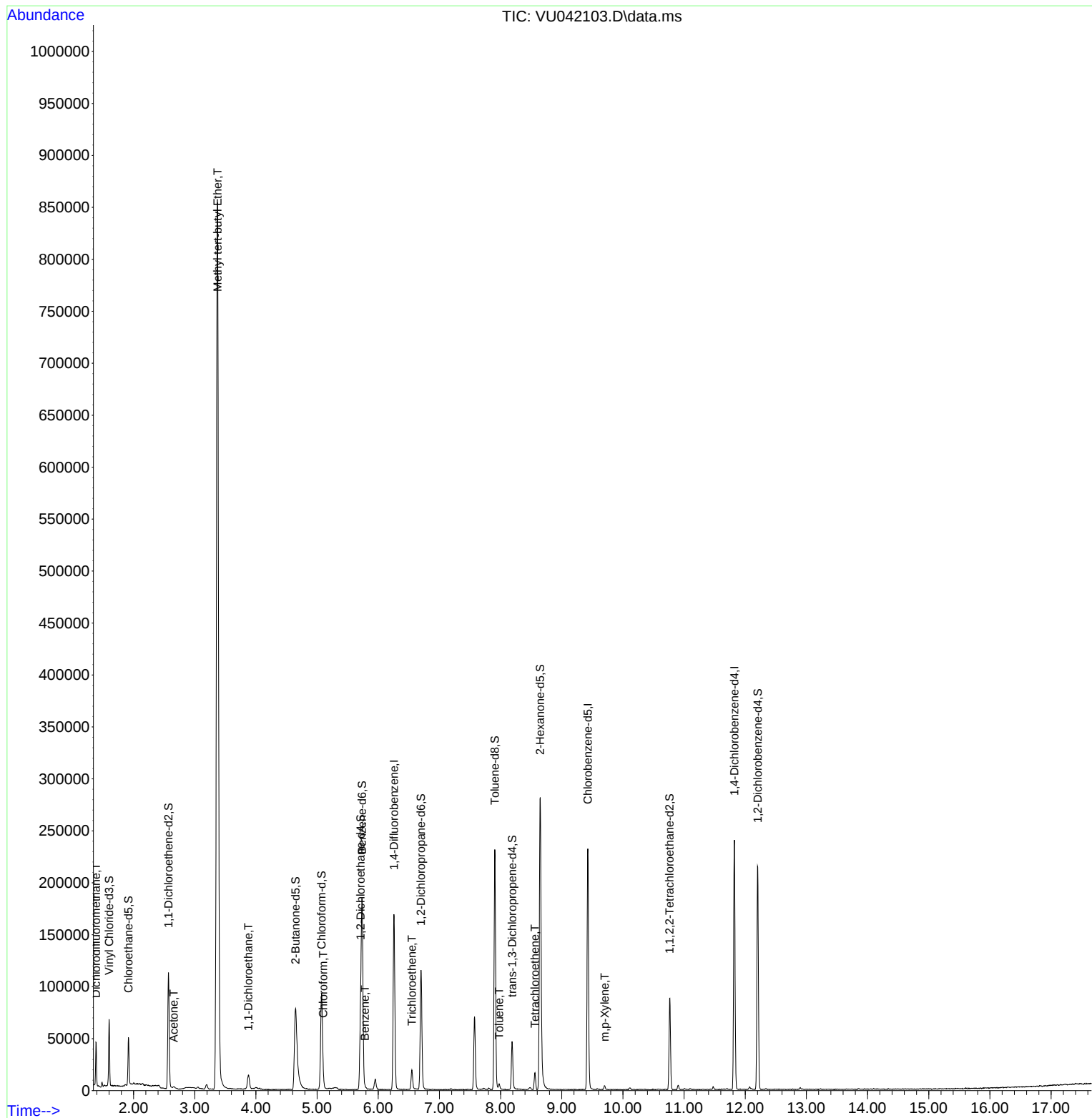
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133880	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	124308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	64194	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41949	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.916	69	29947	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.571	63	67246	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.649	46	151506	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	5.073	84	81458	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.713	65	49707	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.735	84	158777	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	51902	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.906	98	145032	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloroprop...	8.189	79	25201	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.645	63	112474	48.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.34%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	42382	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.205	152	56858	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	20963	1.66	ug/L	97
13) Acetone	2.658	43	3312	1.58	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	955891	36.40	ug/L	100
19) 1,1-Dichloroethane	3.877	63	15860	0.89	ug/L	96
25) Chloroform	5.099	83	5728	0.31	ug/L	89
33) Benzene	5.784	78	1384	0.04	ug/L	100
34) Trichloroethene	6.549	95	5808	0.59	ug/L	96
42) Toluene	7.976	91	3199	0.08	ug/L	99
47) Tetrachloroethene	8.562	164	3914	0.48	ug/L	91
53) m,p-Xylene	9.703	106	992	0.06	ug/L	64

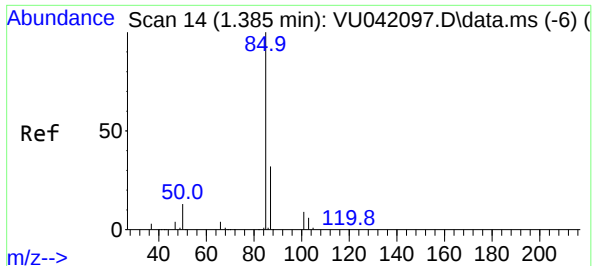
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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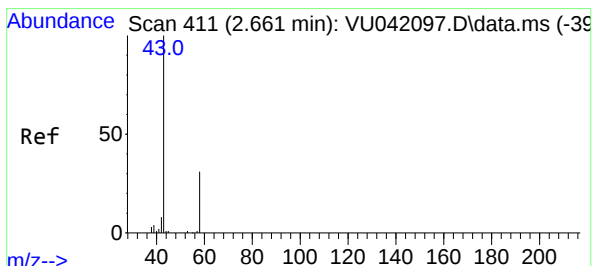
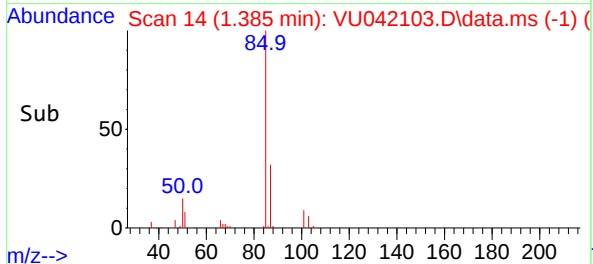
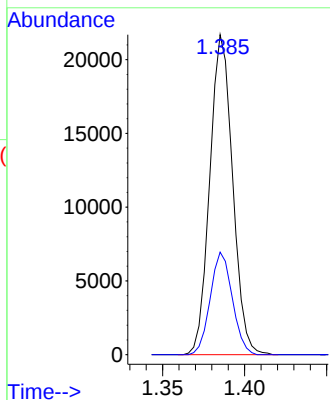
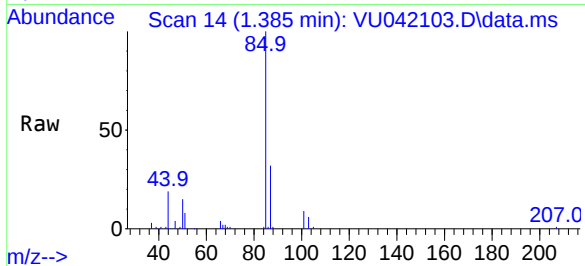




#2
Dichlorodifluoromethane
Concen: 1.66 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

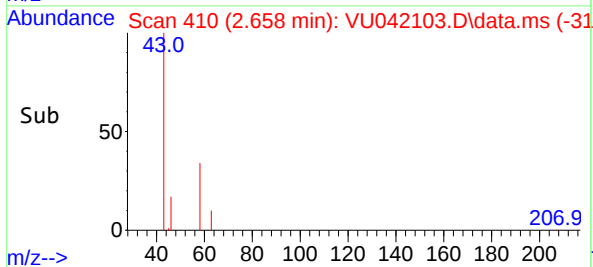
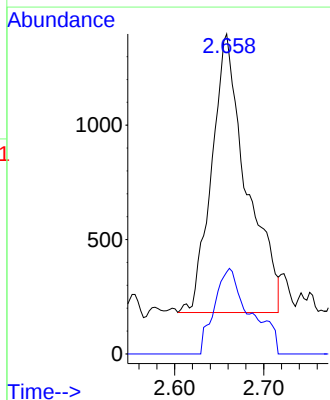
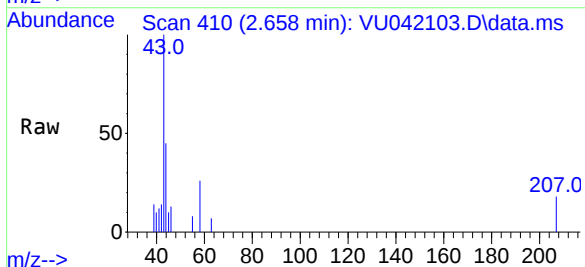
Instrument :
MSVOA_U
ClientSampleId :
BFXQ1

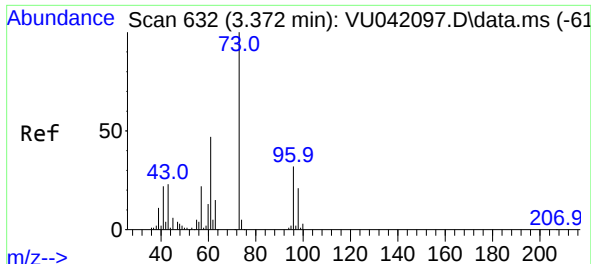
Tgt Ion: 85 Resp: 20963
Ion Ratio Lower Upper
85 100
87 31.0 26.1 39.1



#13
Acetone
Concen: 1.58 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

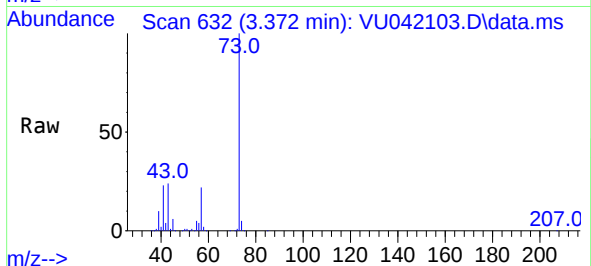
Tgt Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
58 27.7 0.0 55.8



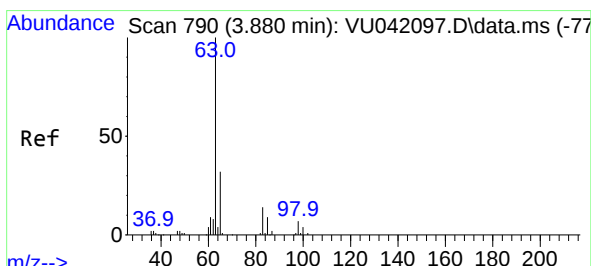
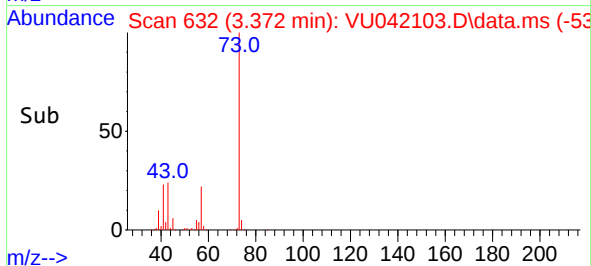
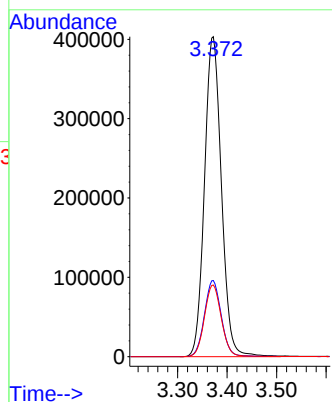


#17
Methyl tert-butyl Ether
Concen: 36.40 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1

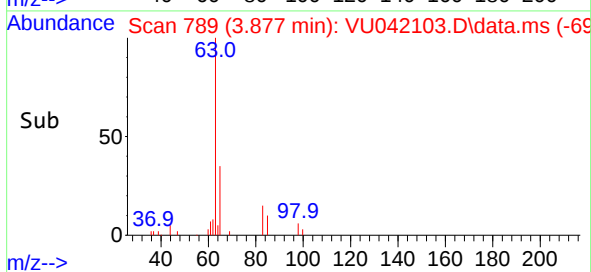
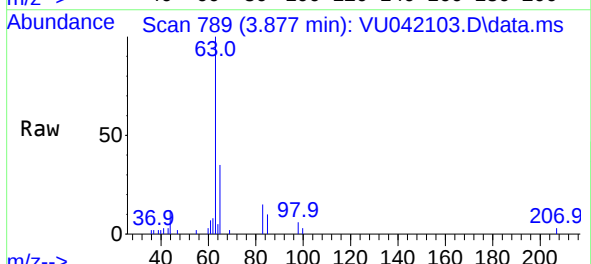
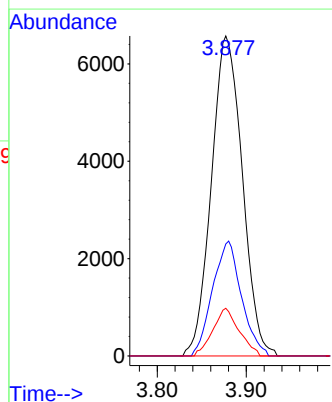


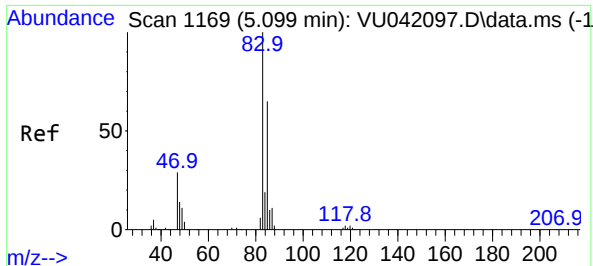
Tgt Ion: 73 Resp: 955891
Ion Ratio Lower Upper
73 100
43 23.7 18.9 28.3
57 22.4 18.2 27.4



#19
1,1-Dichloroethane
Concen: 0.89 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

Tgt Ion: 63 Resp: 15860
Ion Ratio Lower Upper
63 100
65 35.0 22.5 41.9
83 14.9 10.1 18.7



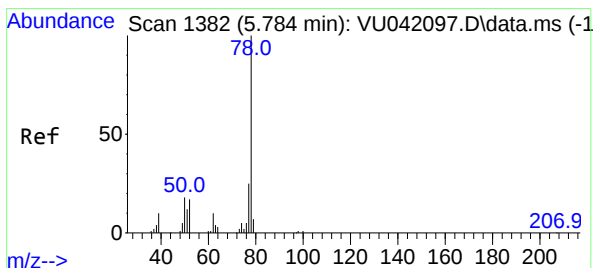
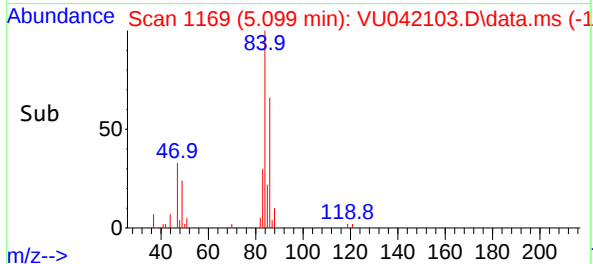
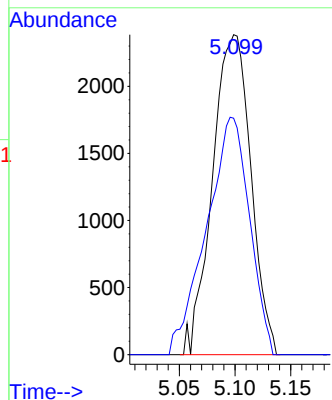
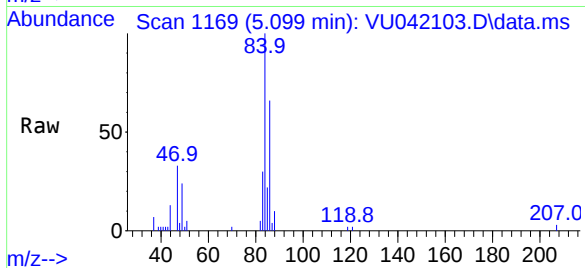


#25

Chloroform
Concen: 0.31 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1

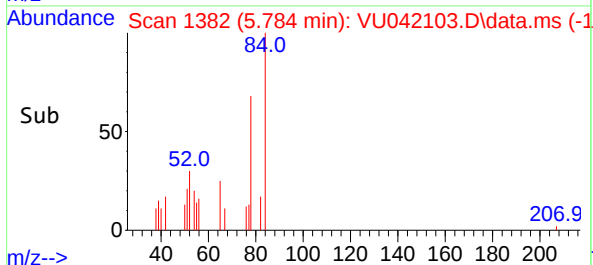
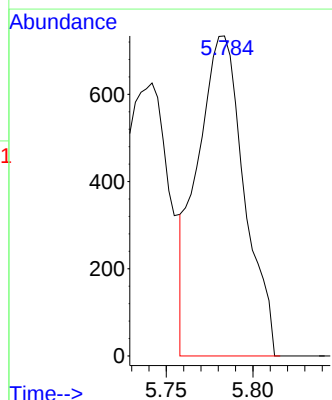
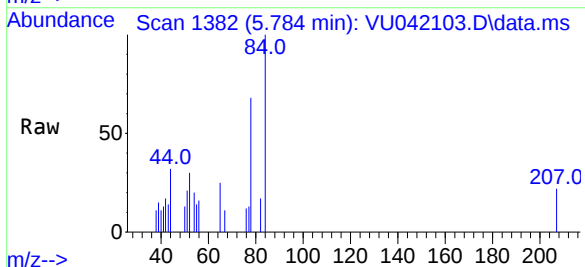
Tgt Ion: 83 Resp: 5728
Ion Ratio Lower Upper
83 100
85 73.9 45.7 84.9

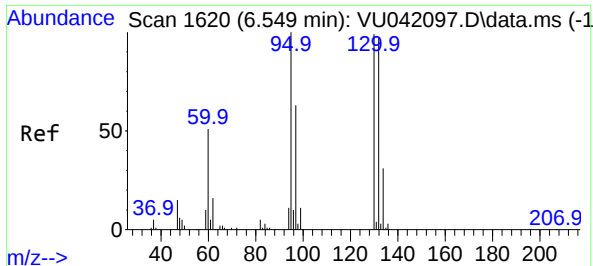


#33

Benzene
Concen: 0.04 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

Tgt Ion: 78 Resp: 1384





#34

Trichloroethene

Concen: 0.59 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU042103.D

Acq: 20 Jan 2021 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1

Tgt Ion: 95 Resp: 5808

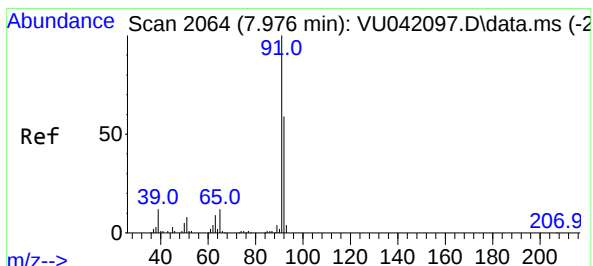
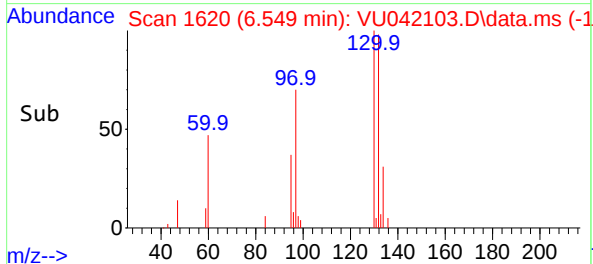
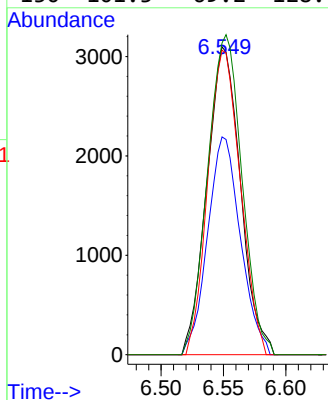
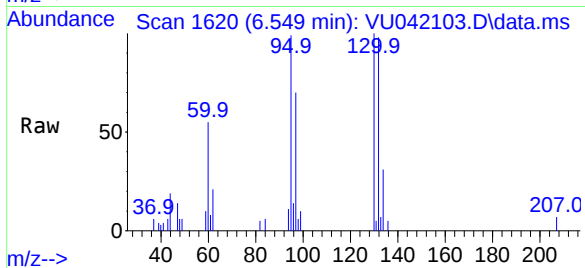
Ion Ratio Lower Upper

95 100

97 70.7 44.4 82.4

132 98.9 68.0 126.4

130 101.3 69.2 128.4



#42

Toluene

Concen: 0.08 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042103.D

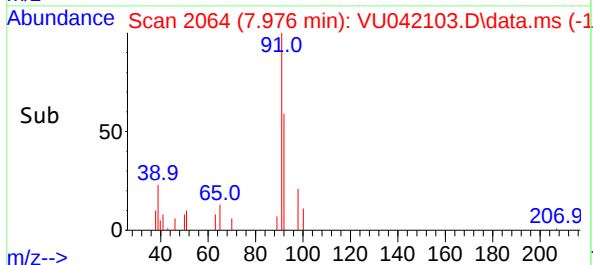
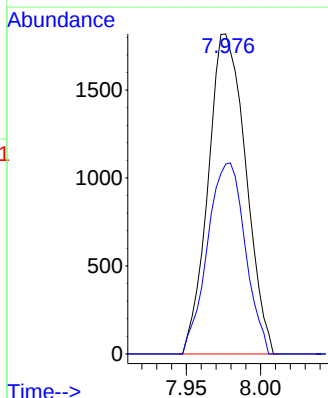
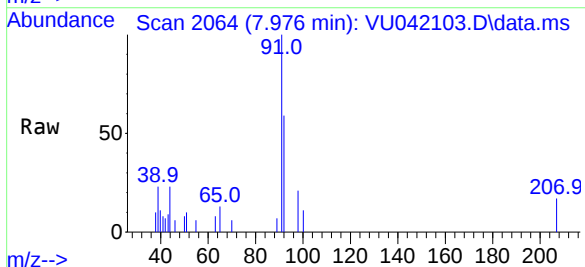
Acq: 20 Jan 2021 14:11

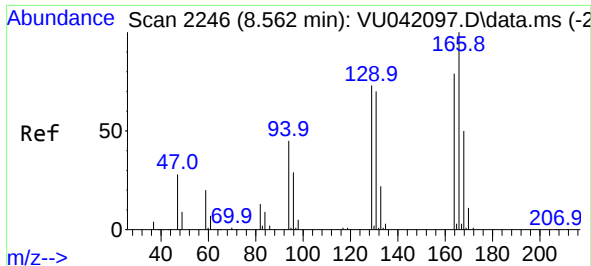
Tgt Ion: 91 Resp: 3199

Ion Ratio Lower Upper

91 100

92 59.3 41.2 76.6



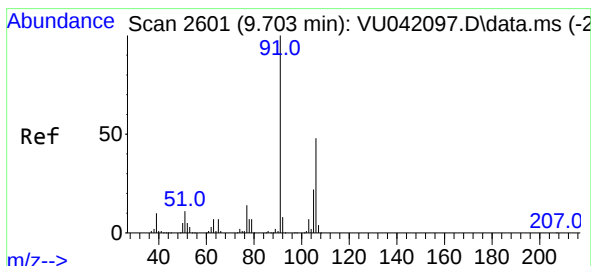
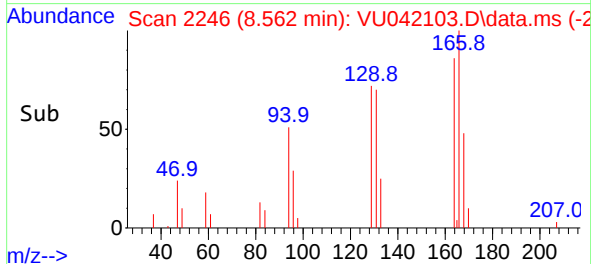
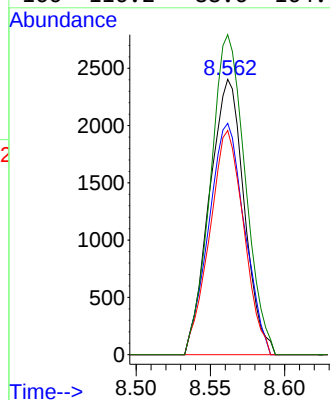
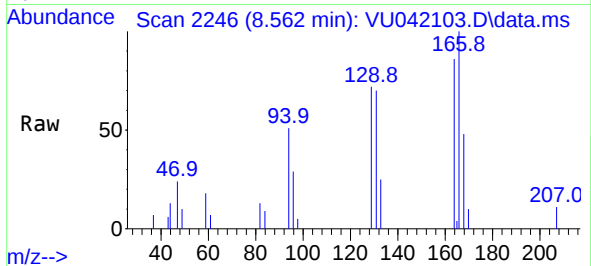


#47
Tetrachloroethene
Concen: 0.48 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

Instrument :
MSVOA_U
ClientSampled :
BFXQ1

Tgt Ion:164 Resp: 3914

Ion	Ratio	Lower	Upper
164	100		
129	84.0	64.3	119.5
131	81.4	62.2	115.6
166	116.2	88.6	164.6



#53
m,p-Xylene
Concen: 0.06 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042103.D
Acq: 20 Jan 2021 14:11

Tgt Ion:106 Resp: 992

Ion	Ratio	Lower	Upper
106	100		
91	262.5	145.1	269.5

