

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042109.D
 Acq On : 20 Jan 2021 16:36
 Operator : SY/MD
 Sample : M1164-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXT3

Quant Time: Jan 21 05:17:15 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)

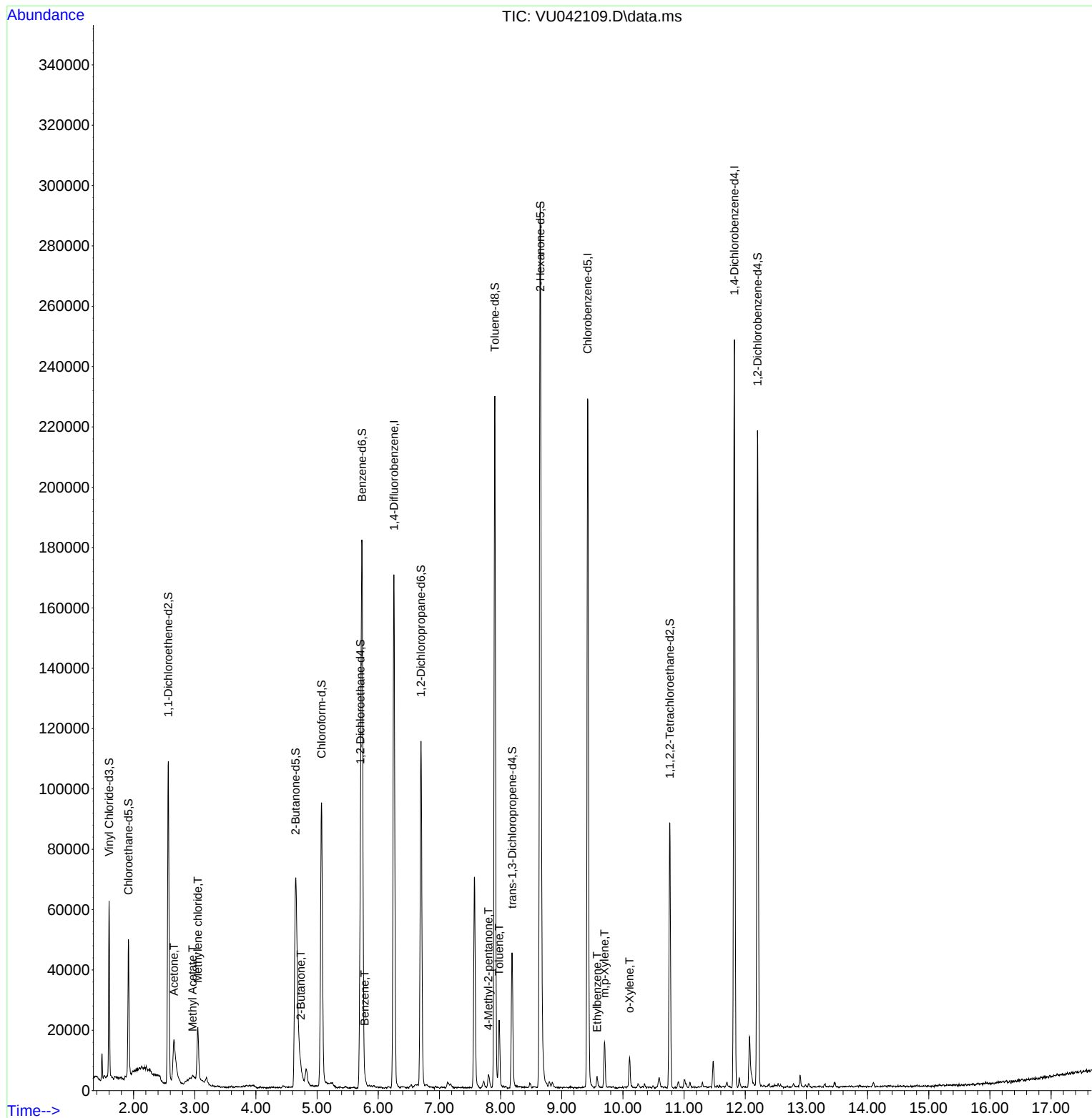
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	123699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	64136	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38769	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.916	69	30067	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.568	63	65359	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.649	46	152173	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	5.073	84	80574	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.710	65	50034	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.735	84	155775	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.700	67	51471	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	142183	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.189	79	25050	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.648	63	115785	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	42848	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	56359	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						Qvalue
13) Acetone	2.662	43	34209	16.31	ug/L	97
15) Methyl Acetate	2.964	43	1013	0.20	ug/L	99
16) Methylene chloride	3.051	84	7358	0.69	ug/L	96
21) 2-Butanone	4.735	43	3941	1.12	ug/L	89
33) Benzene	5.777	78	1705	0.05	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	3792	0.46	ug/L #	86
42) Toluene	7.976	91	15078	0.38	ug/L	97
52) Ethylbenzene	9.578	91	2796	0.06	ug/L	96
53) m,p-Xylene	9.700	106	4135	0.24	ug/L	96
54) o-Xylene	10.108	106	2515	0.15	ug/L	97

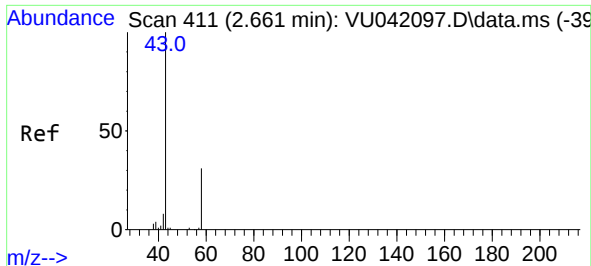
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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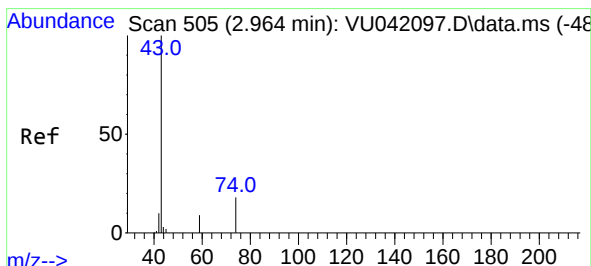
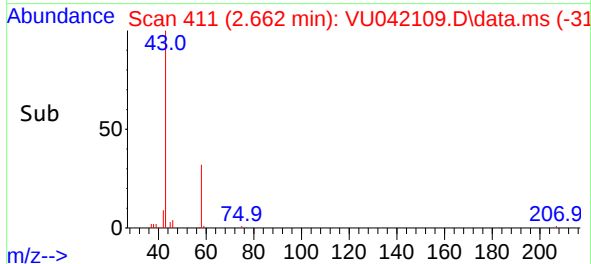
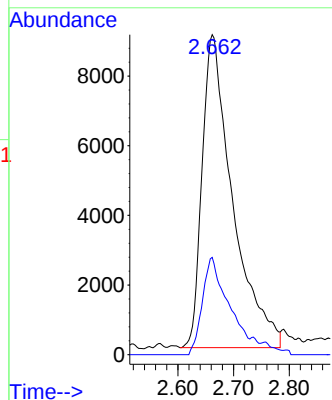
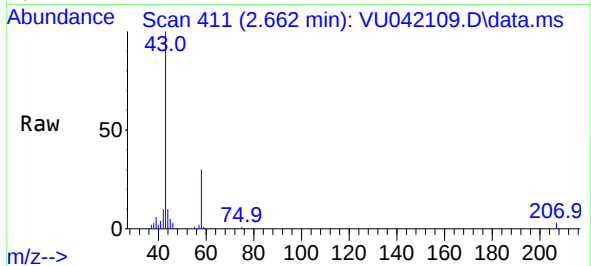




#13
Acetone
Concen: 16.31 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

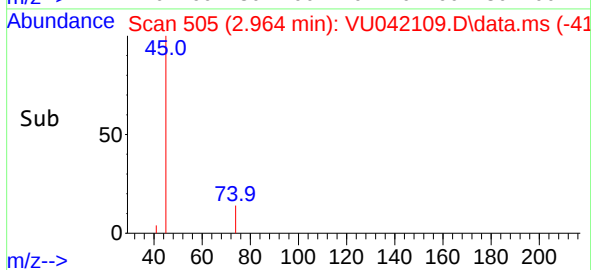
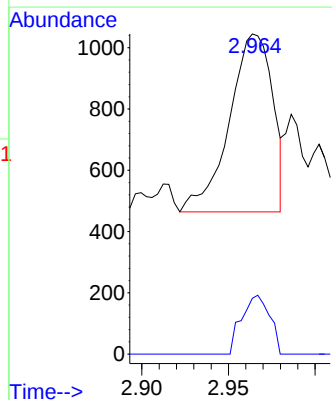
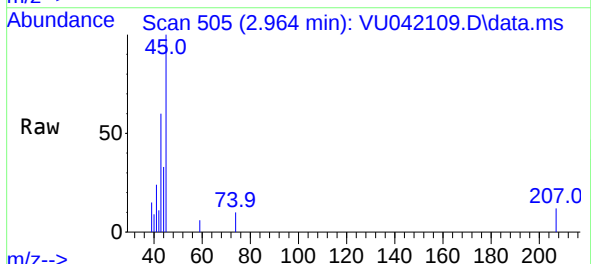
Instrument :
MSVOA_U
ClientSampleId :
BFXT3

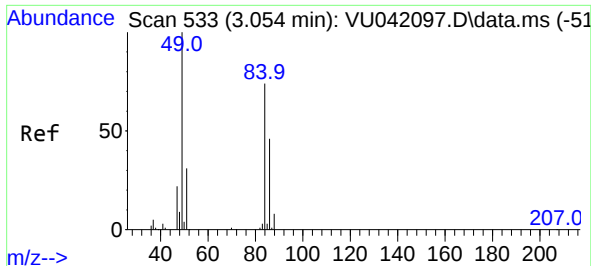
Tgt Ion: 43 Resp: 34209
Ion Ratio Lower Upper
43 100
58 26.4 0.0 55.8



#15
Methyl Acetate
Concen: 0.20 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
74 21.4 16.9 25.3

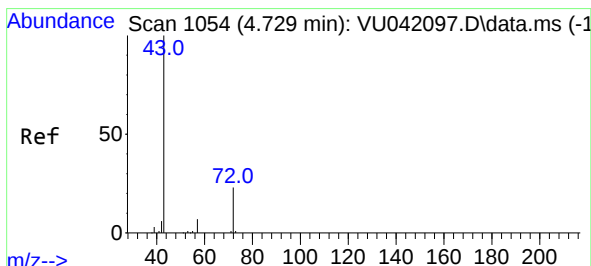
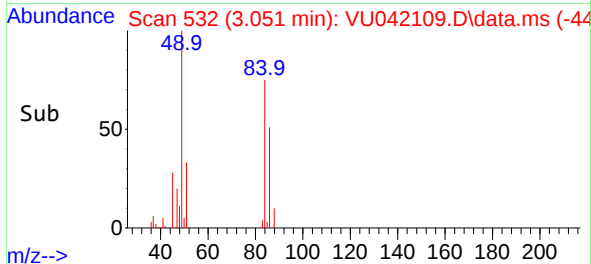
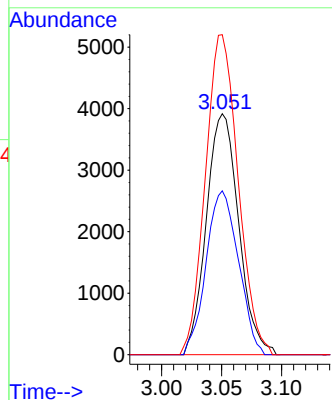
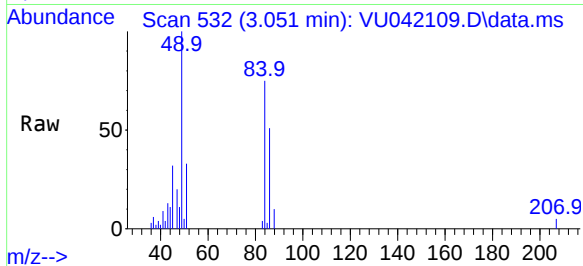




#16
Methylene chloride
Concen: 0.69 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

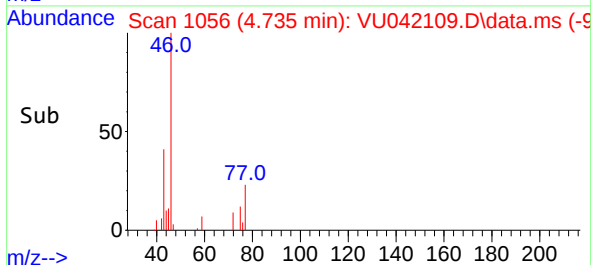
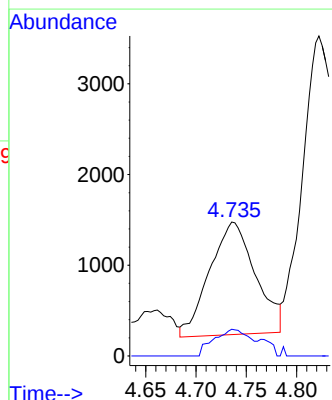
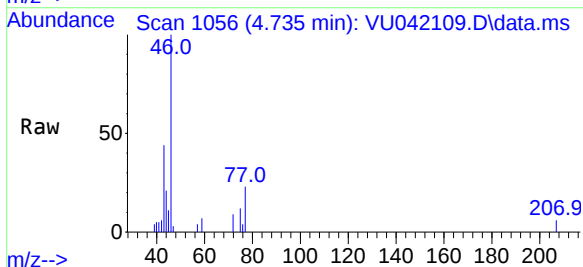
Instrument :
MSVOA_U
ClientSampled :
BFXT3

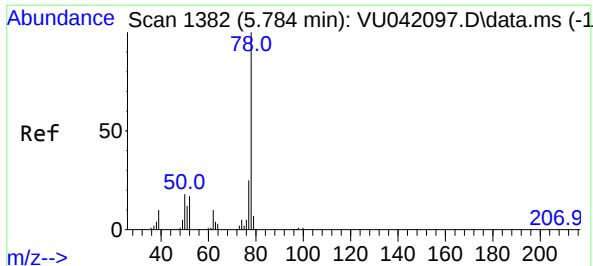
Tgt Ion: 84 Resp: 7358
Ion Ratio Lower Upper
84 100
86 68.0 44.1 81.9
49 132.8 95.0 176.4



#21
2-Butanone
Concen: 1.12 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

Tgt Ion: 43 Resp: 3941
Ion Ratio Lower Upper
43 100
72 17.9 11.7 35.1

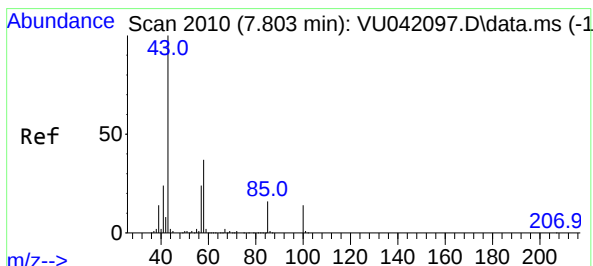
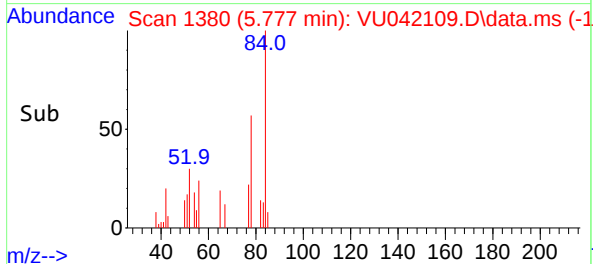
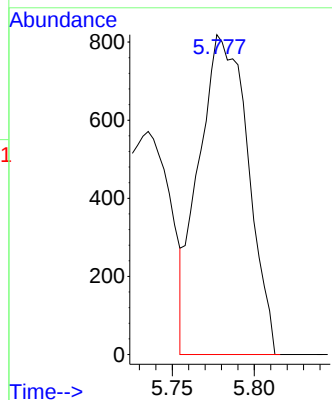
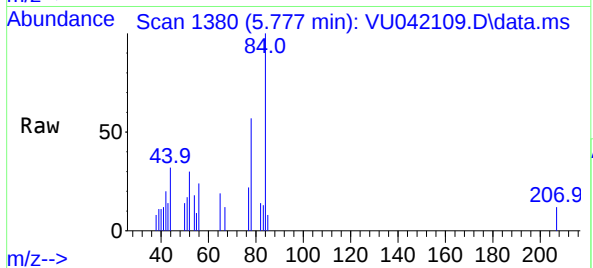




#33
Benzene
Concen: 0.05 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

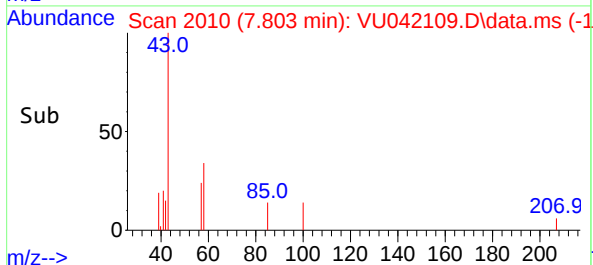
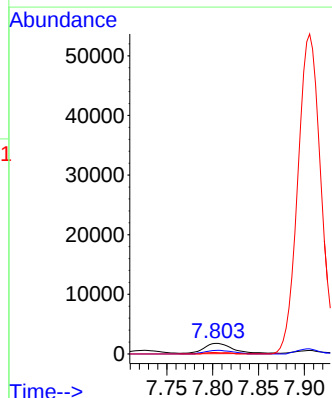
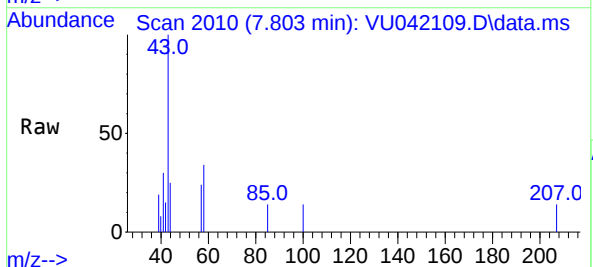
Instrument :
MSVOA_U
ClientSampleId :
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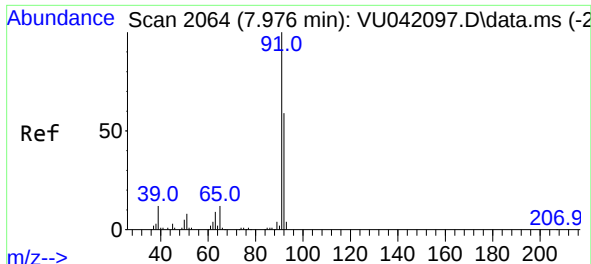
Tgt Ion: 78 Resp: 1705



#40
4-Methyl-2-pentanone
Concen: 0.46 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
58 32.9 29.1 43.7
100 0.0 11.0 16.4#

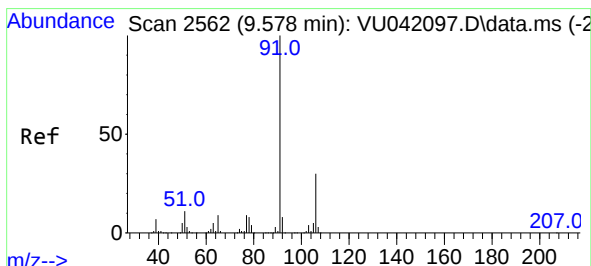
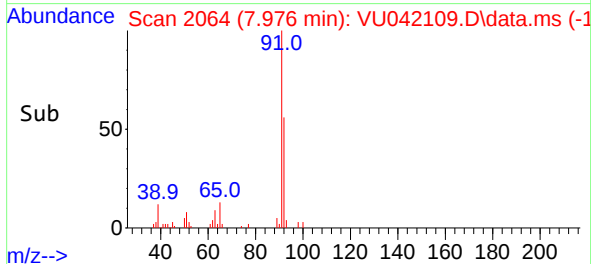
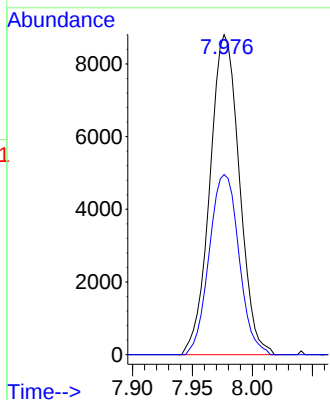
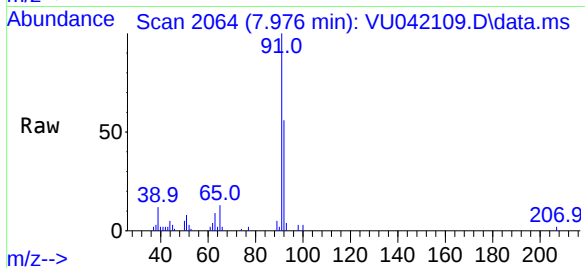




#42
Toluene
Concen: 0.38 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

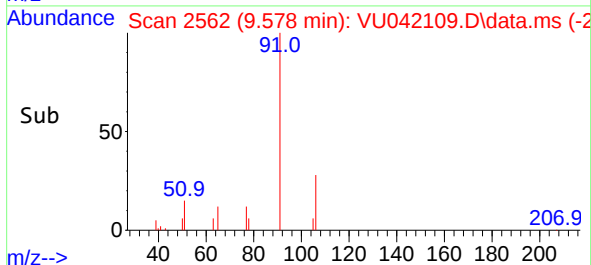
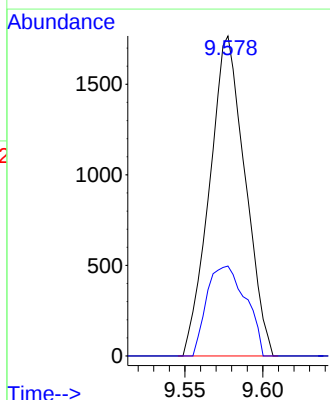
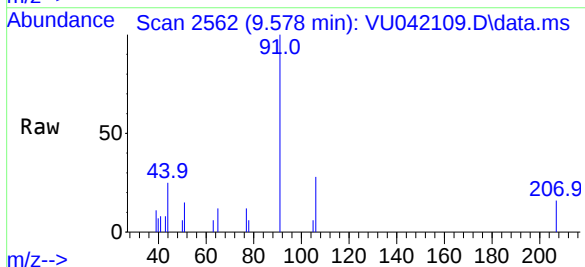
Instrument :
MSVOA_U
ClientSampled :
BFXT3

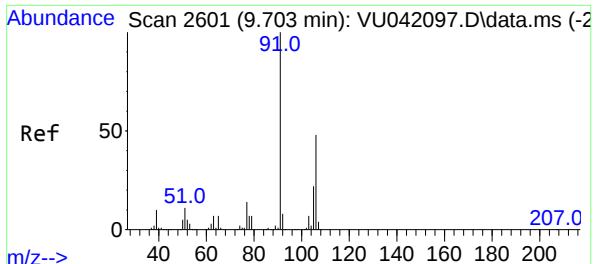
Tgt Ion: 91 Resp: 15078
Ion Ratio Lower Upper
91 100
92 56.3 41.2 76.6



#52
Ethylbenzene
Concen: 0.06 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

Tgt Ion: 91 Resp: 2796
Ion Ratio Lower Upper
91 100
106 28.1 21.1 39.3

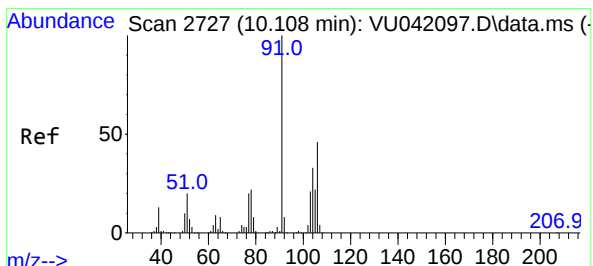
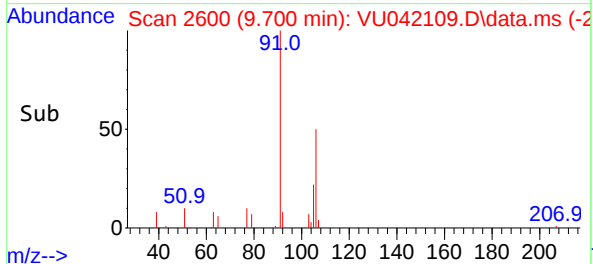
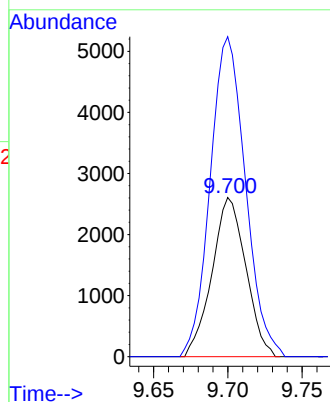
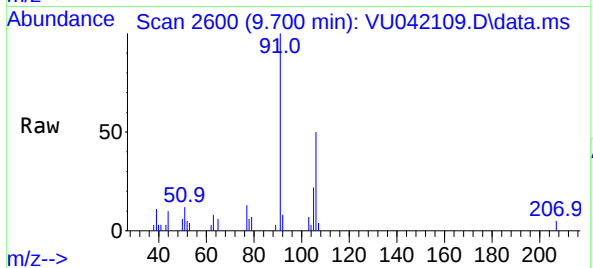




#53
m,p-Xylene
Concen: 0.24 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
BFXT3

Tgt Ion:106 Resp: 4135
Ion Ratio Lower Upper
106 100
91 201.1 145.1 269.5



#54
o-Xylene
Concen: 0.15 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042109.D
Acq: 20 Jan 2021 16:36

Tgt Ion:106 Resp: 2515
Ion Ratio Lower Upper
106 100
91 223.3 153.0 284.2

