

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042132.D
 Acq On : 21 Jan 2021 02:21
 Operator : SY/MD
 Sample : M1180-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E36

Quant Time: Jan 21 06:06:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110259	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	102737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53768	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34072	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.919	69	28234	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.572	63	58296	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.649	46	145655	56.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.24%
24) Chloroform-d	5.073	84	73601	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	46186	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.735	84	138508	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	45502	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.906	98	126464	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloroprop...	8.186	79	21295	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.645	63	106386	55.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.42%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39717	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	50581	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1241	0.13	ug/L	91
5) Vinyl chloride	1.607	62	54714	6.17	ug/L	100
8) Chloroethane	1.938	64	461	0.09	ug/L	100
13) Acetone	2.658	43	2883	1.67	ug/L	93
14) Carbon disulfide	2.800	76	2302	0.09	ug/L #	75
17) Methyl tert-butyl Ether	3.372	73	127086	5.88	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	12687	1.60	ug/L	97
19) 1,1-Dichloroethane	3.874	63	930	0.06	ug/L #	84
22) cis-1,2-Dichloroethene	4.678	96	117913	13.91	ug/L	98
25) Chloroform	5.096	83	1151	0.08	ug/L	80
33) Benzene	5.784	78	20204	0.67	ug/L	100
34) Trichloroethene	6.552	95	2709	0.33	ug/L	96
42) Toluene	7.977	91	3198	0.10	ug/L	99
47) Tetrachloroethene	8.559	164	11701	1.73	ug/L	98
51) Chlorobenzene	9.456	112	4604	0.22	ug/L	99
53) m,p-Xylene	9.703	106	3166	0.23	ug/L	91
63) 1,4-Dichlorobenzene	11.841	146	1024	0.06	ug/L	82

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ALS Vial : 41 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 06:00:33 2021
Response via : Initial Calibration

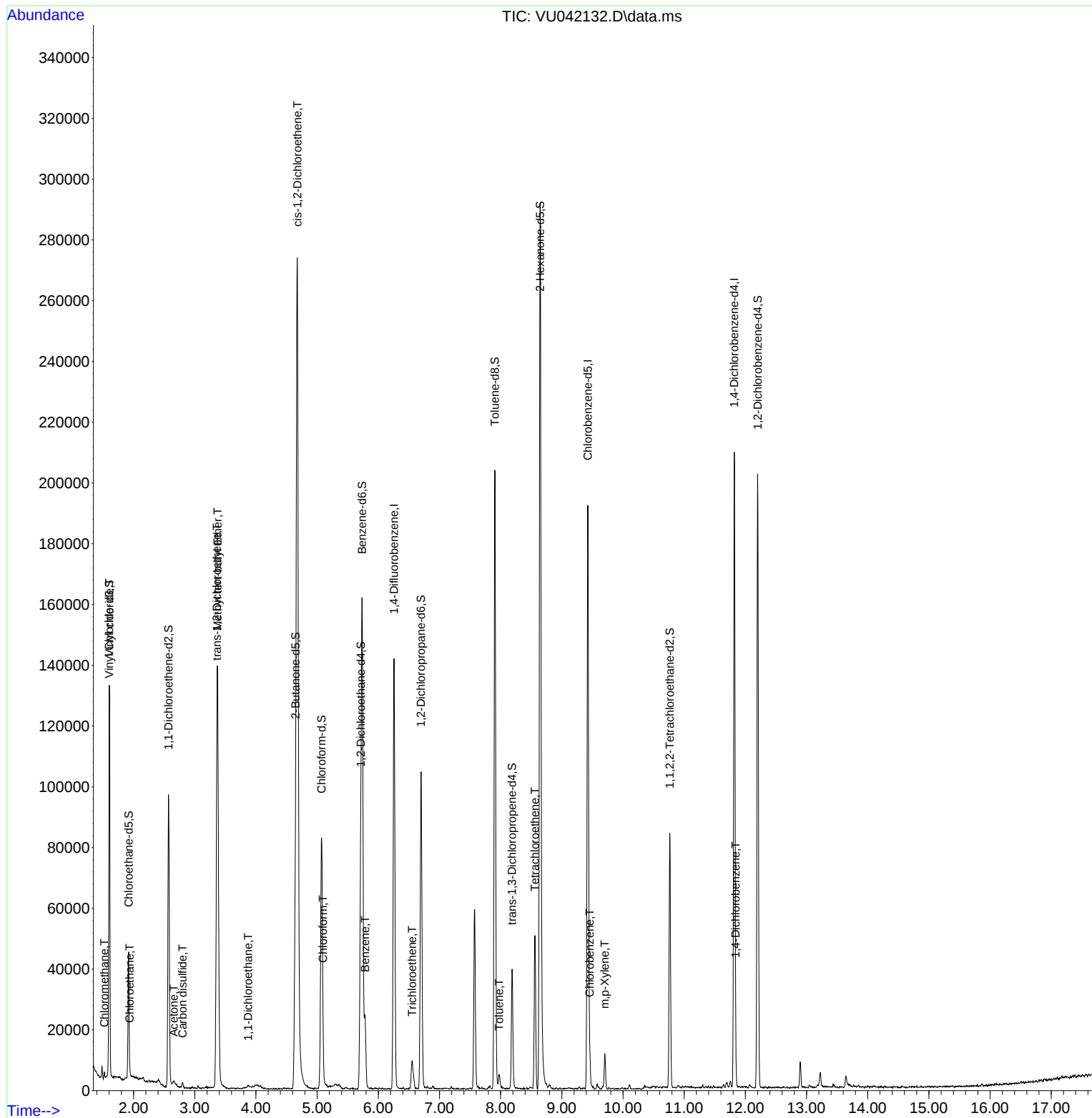
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

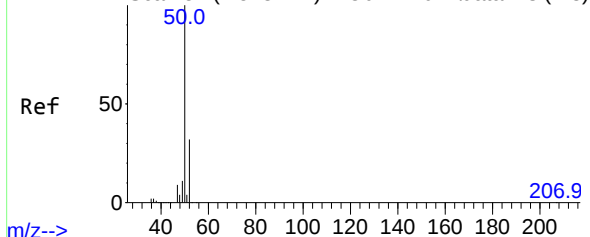
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
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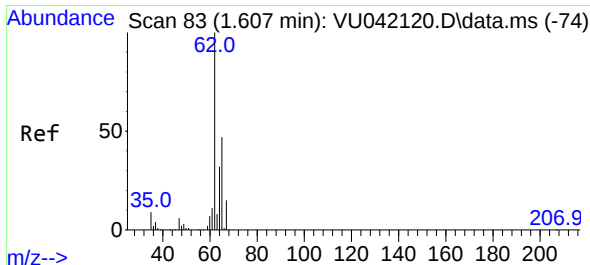
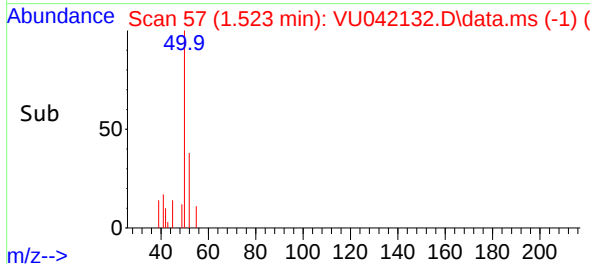
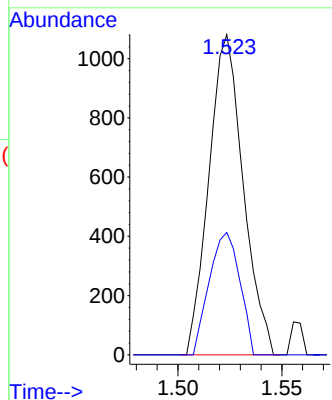
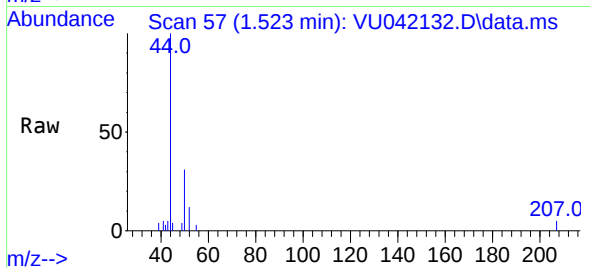


Abundance Scan 57 (1.523 min): VU042120.D\data.ms (-48)



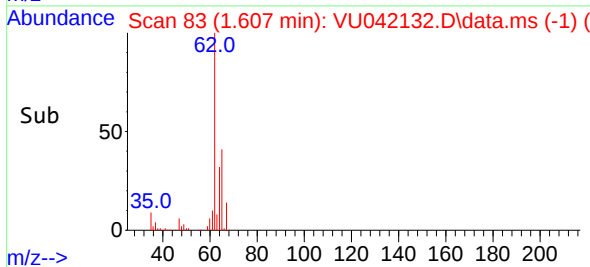
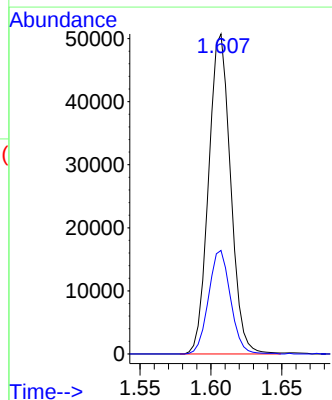
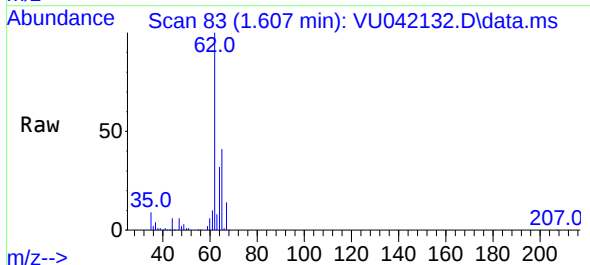
#3
Chloromethane
Concen: 0.13 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 50 Resp: 1241
Ion Ratio Lower Upper
50 100
52 38.2 23.0 42.8

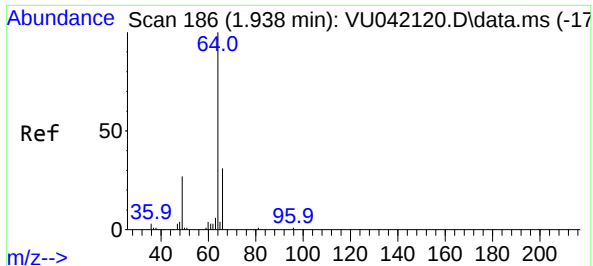


#5
Vinyl chloride
Concen: 6.17 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 62 Resp: 54714
Ion Ratio Lower Upper
62 100
64 32.4 22.7 42.1



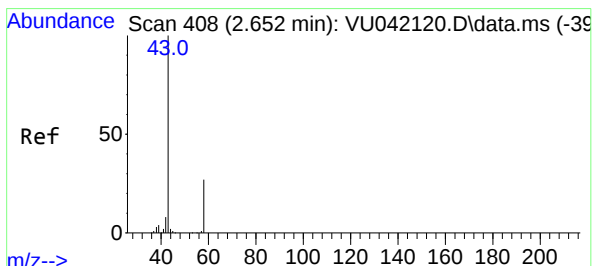
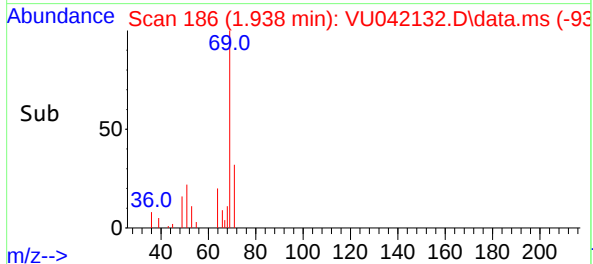
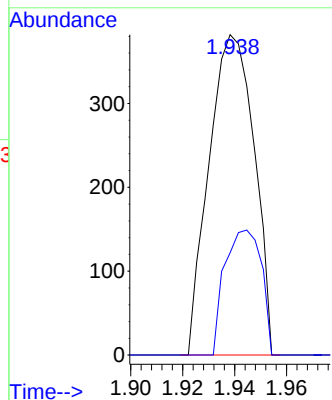
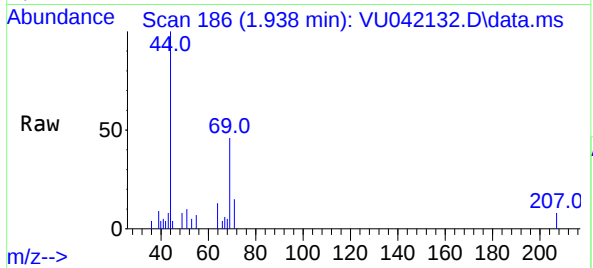
Instrument :
MSVOA_U
ClientSampleId :
F1E36



#8
Chloroethane
Concen: 0.09 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

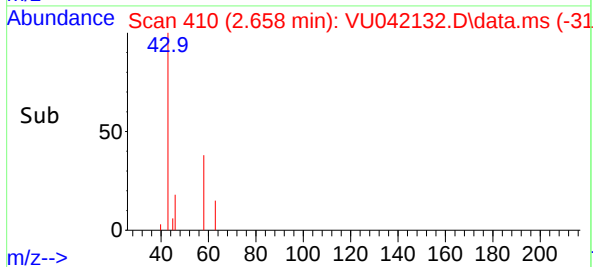
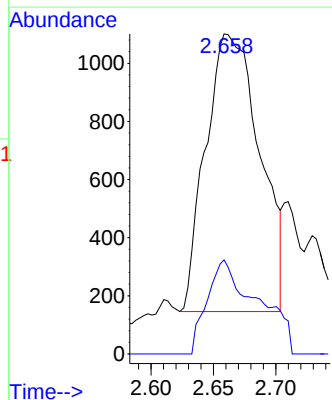
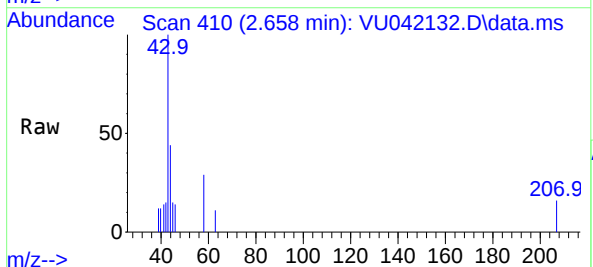
Instrument :
MSVOA_U
ClientSampleId :
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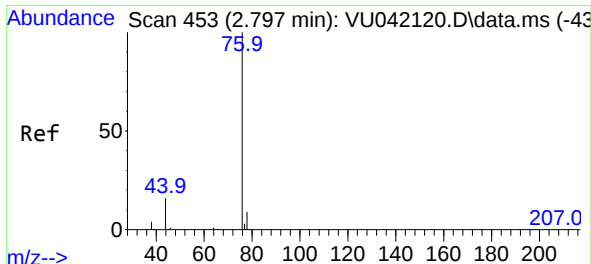
Tgt Ion: 64 Resp: 461
Ion Ratio Lower Upper
64 100
66 31.9 22.2 41.2



#13
Acetone
Concen: 1.67 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 43 Resp: 2883
Ion Ratio Lower Upper
43 100
58 31.6 0.0 55.8

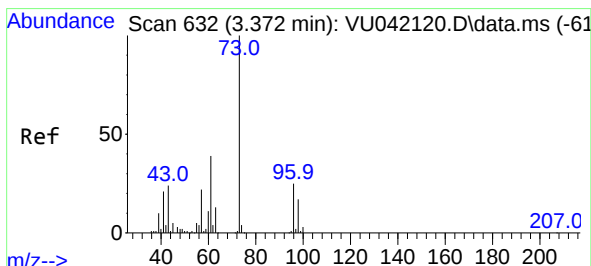
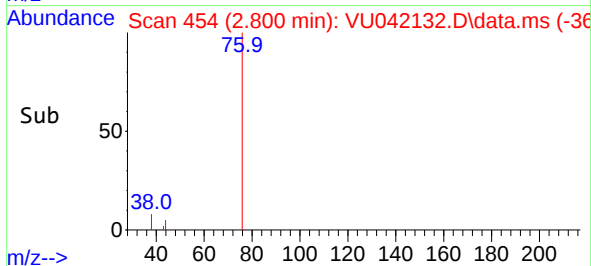
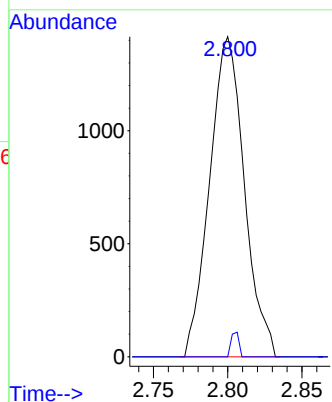
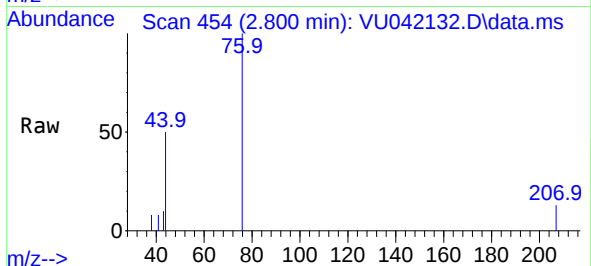




#14
Carbon disulfide
Concen: 0.09 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

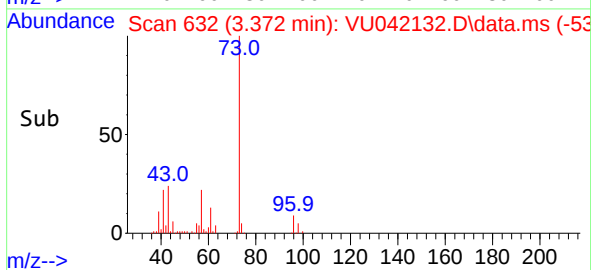
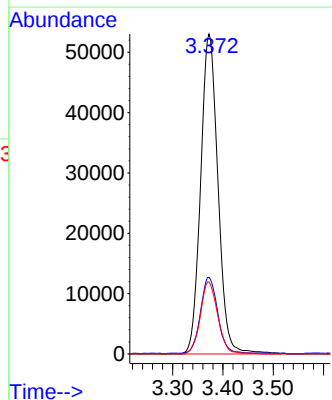
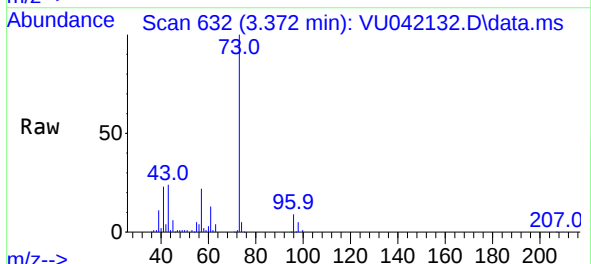
Instrument :
MSVOA_U
ClientSampleId :
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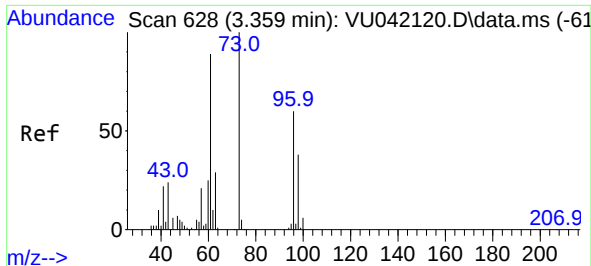
Tgt Ion: 76 Resp: 2302
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#17
Methyl tert-butyl Ether
Concen: 5.88 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

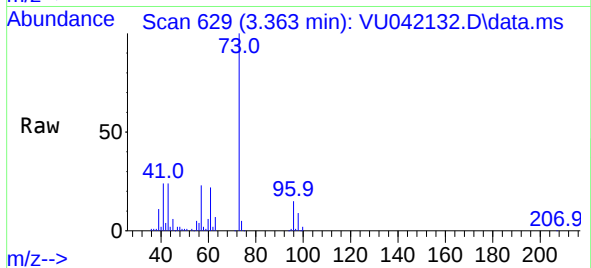
Tgt Ion: 73 Resp: 127086
Ion Ratio Lower Upper
73 100
43 23.5 18.9 28.3
57 22.5 18.2 27.4



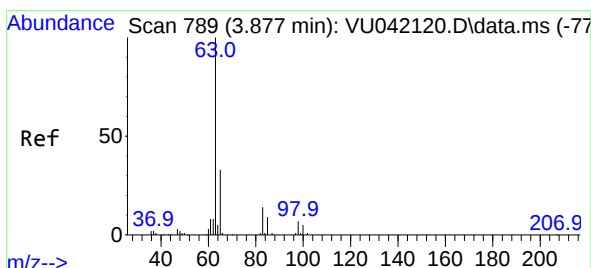
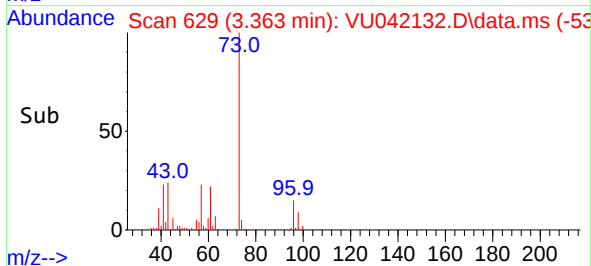
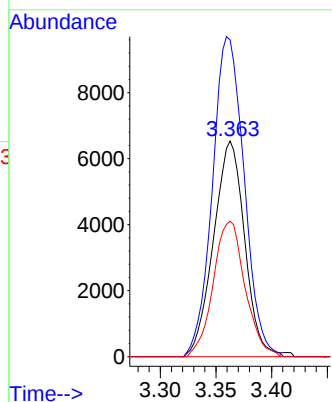


#18
trans-1,2-Dichloroethene
Concen: 1.60 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Instrument :
MSVOA_U
ClientSampleId :
F1E36

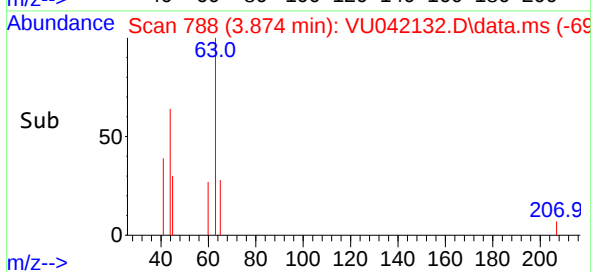
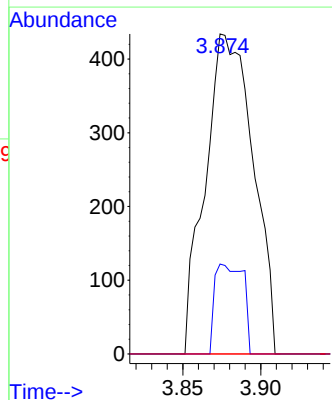
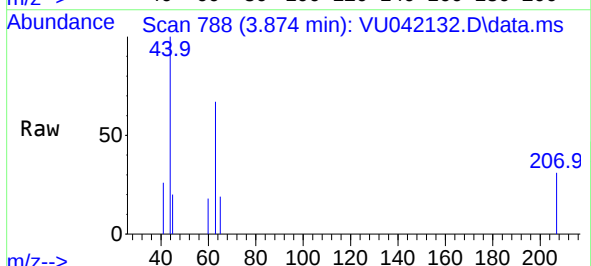


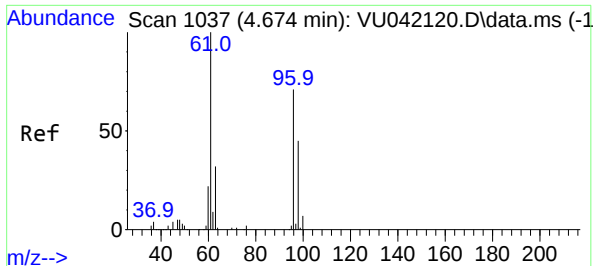
Tgt Ion: 96 Resp: 12687
Ion Ratio Lower Upper
96 100
61 146.9 105.7 196.3
98 62.9 42.8 79.6



#19
1,1-Dichloroethane
Concen: 0.06 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 63 Resp: 930
Ion Ratio Lower Upper
63 100
65 28.1 22.5 41.9
83 0.0 10.1 18.7#

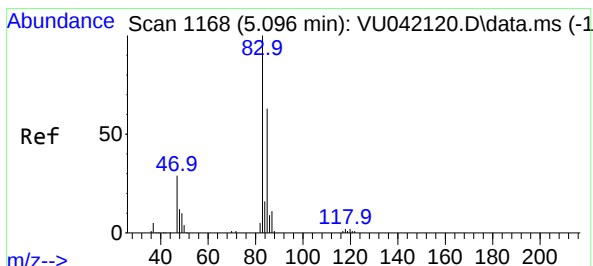
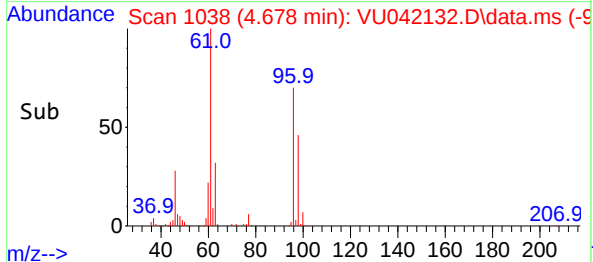
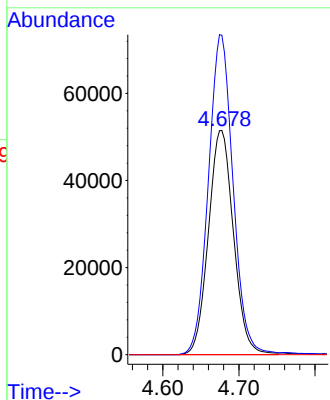
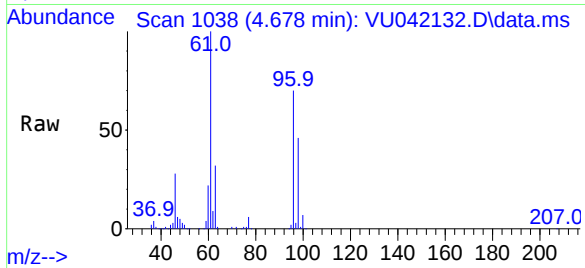




#22
cis-1,2-Dichloroethene
Concen: 13.91 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

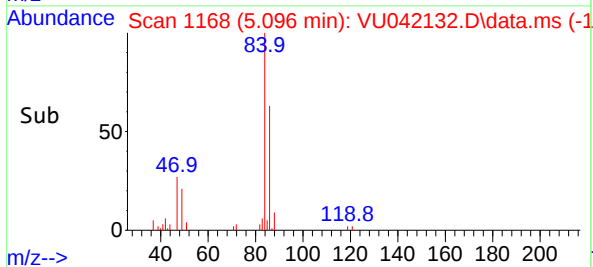
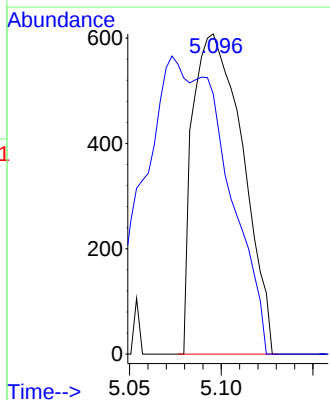
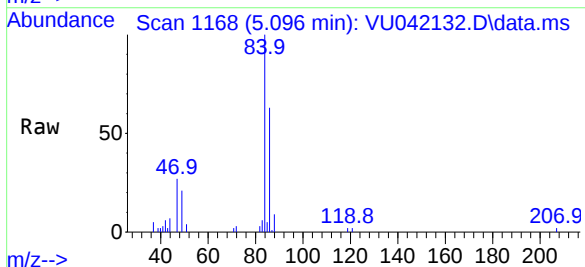
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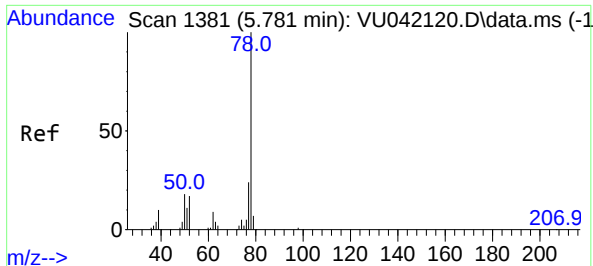
Tgt Ion: 96 Resp: 117913
Ion Ratio Lower Upper
96 100
61 142.4 97.8 181.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.08 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 83 Resp: 1151
Ion Ratio Lower Upper
83 100
85 81.3 45.7 84.9

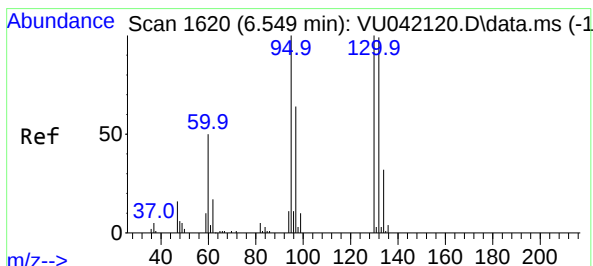
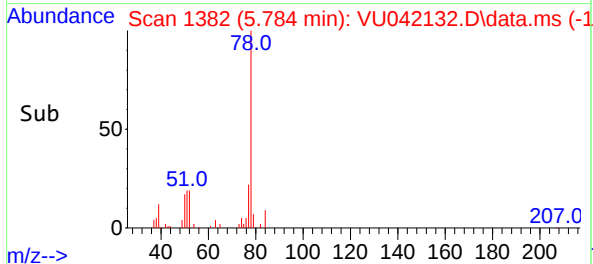
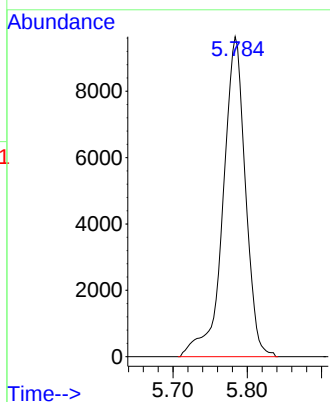
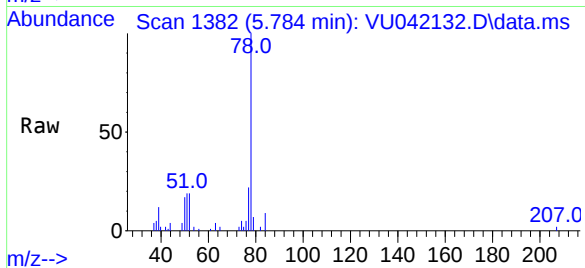




#33
Benzene
Concen: 0.67 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Instrument :
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ClientSampleId :
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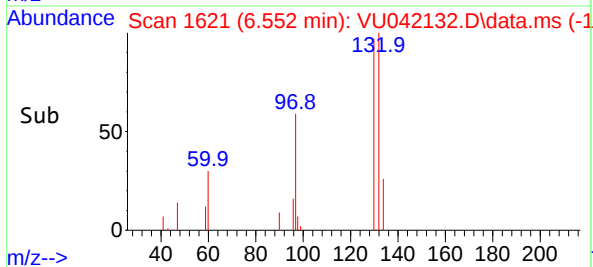
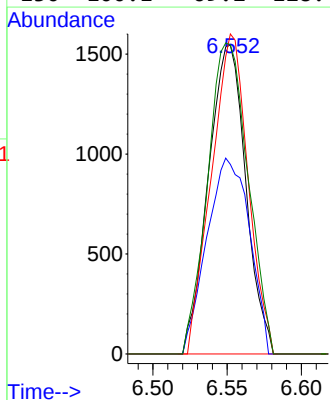
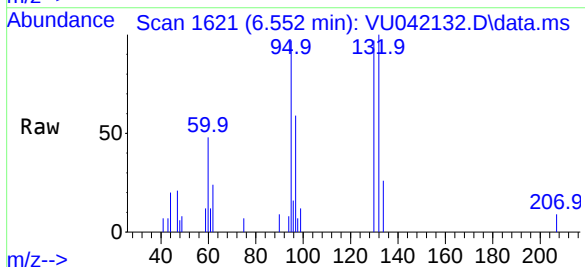
Tgt Ion: 78 Resp: 20204

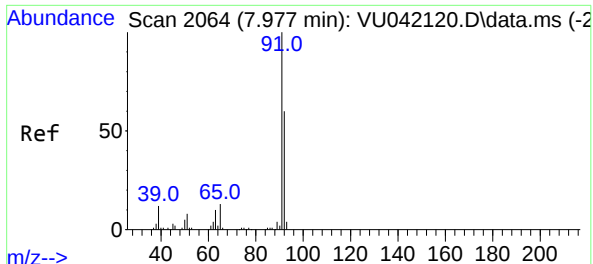


#34
Trichloroethene
Concen: 0.33 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 95 Resp: 2709

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.4	82.4
132	103.6	68.0	126.4
130	100.1	69.2	128.4

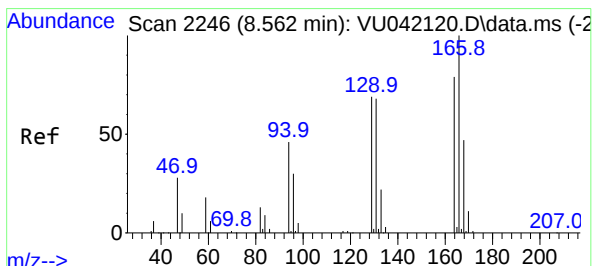
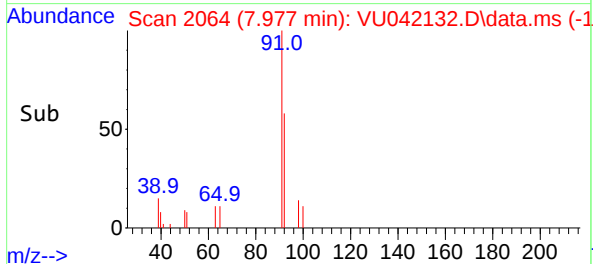
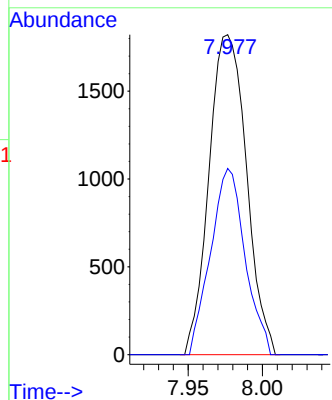
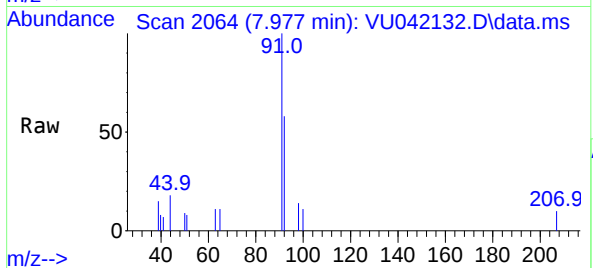




#42
Toluene
Concen: 0.10 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

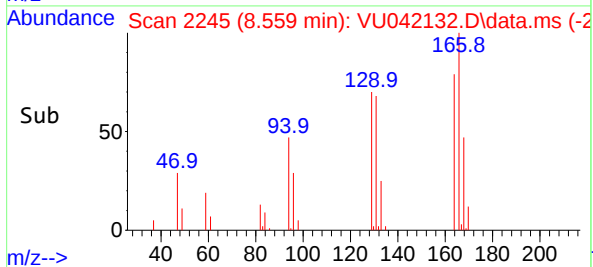
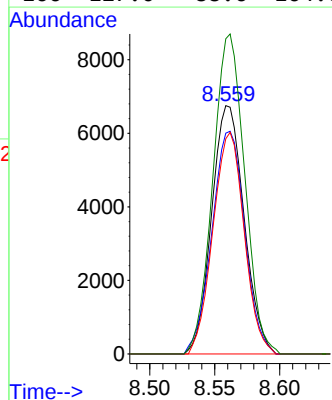
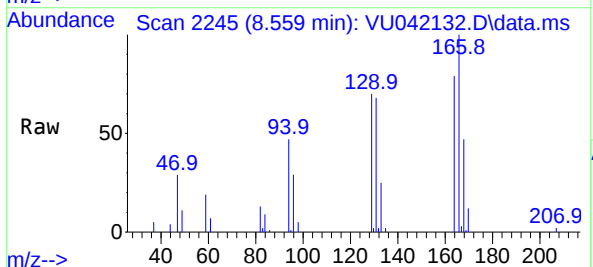
Instrument :
MSVOA_U
ClientSampled :
F1E36

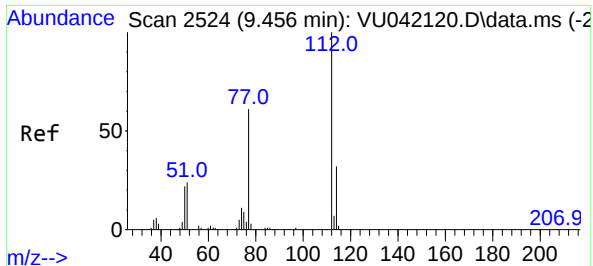
Tgt Ion: 91 Resp: 3198
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.6



#47
Tetrachloroethene
Concen: 1.73 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

Tgt Ion: 164 Resp: 11701
Ion Ratio Lower Upper
164 100
129 88.9 64.3 119.5
131 86.7 62.2 115.6
166 127.0 88.6 164.6

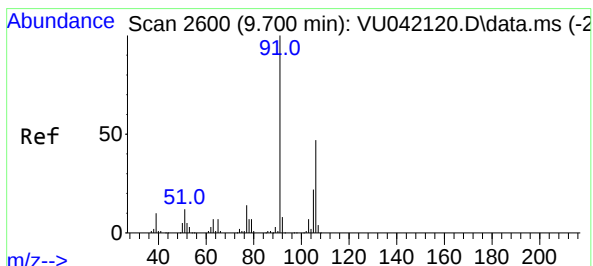
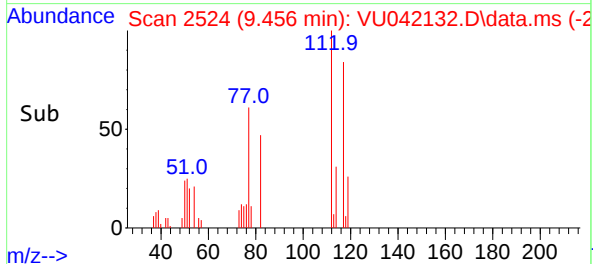
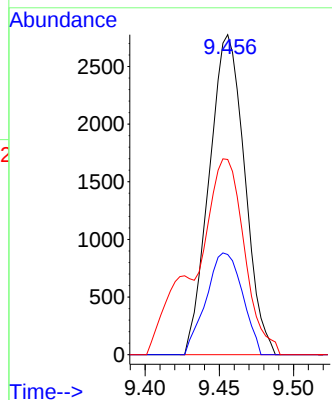
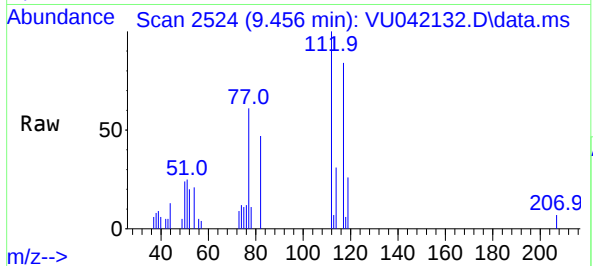




#51
Chlorobenzene
Concen: 0.22 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

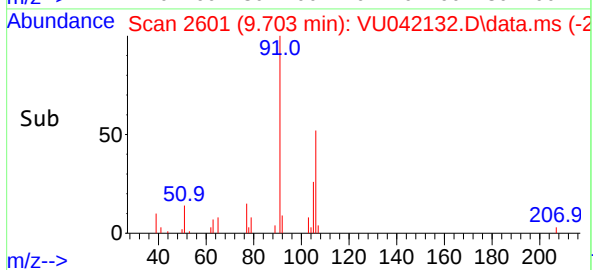
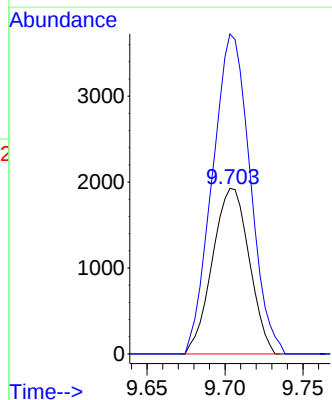
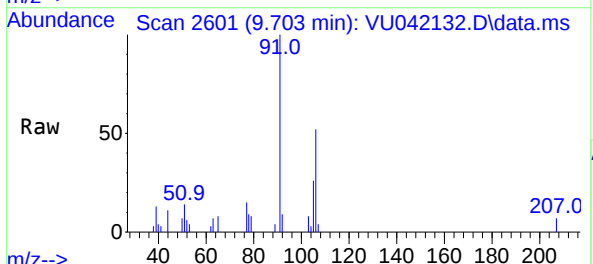
Instrument :
MSVOA_U
ClientSampleId :
F1E36

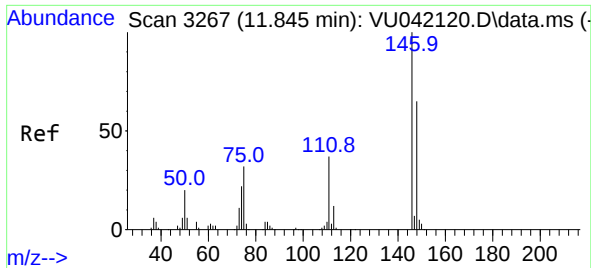
Tgt Ion:	112	Resp:	4604
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	41.0
77	61.0	49.8	74.6



#53
m,p-Xylene
Concen: 0.23 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042132.D
Acq: 21 Jan 2021 02:21

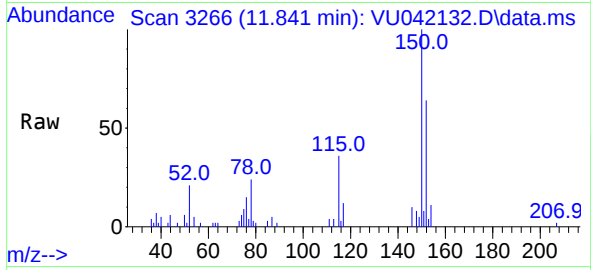
Tgt Ion:	106	Resp:	3166
Ion	Ratio	Lower	Upper
106	100		
91	193.3	145.1	269.5





#63
 1,4-Dichlorobenzene
 Concen: 0.06 ug/L
 RT: 11.841 min Scan# 3266
 Delta R.T. -0.003 min
 Lab File: VU042132.D
 Acq: 21 Jan 2021 02:21

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E36



Tgt Ion:	146	Resp:	1024
Ion	Ratio	Lower	Upper
146	100		
111	45.3	25.8	47.8
148	78.6	44.1	81.9

