

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042019.D
 Acq On : 14 Jan 2021 07:04
 Operator : SY/MD
 Sample : M1129-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:53:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	115382	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43634	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42039	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.919	69	43371	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.575	63	64453	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.658	46	164891	56.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	5.079	84	85924	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.716	65	50116	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.739	84	165048	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	60223	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.902	98	136155	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	8.185	79	18863	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	111959	50.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.30%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	42804	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	44973	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	2141	0.16	ug/L	99
8) Chloroethane	1.945	64	392	0.05	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	435	0.05	ug/L #	21
13) Acetone	2.662	43	1931	1.06	ug/L	83
25) Chloroform	5.099	83	2327	0.13	ug/L	95
27) 1,2-Dichloroethane	5.735	62	930	0.08	ug/L #	75
33) Benzene	5.787	78	1167	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	13854	0.93	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	6081	0.63	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1031	0.07	ug/L #	50
42) Toluene	7.970	91	5496	0.14	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	666	0.05	ug/L #	44
47) Tetrachloroethene	8.555	164	347	0.06	ug/L	89
48) 2-Hexanone	8.642	43	13276	2.93	ug/L #	70
53) m,p-Xylene	9.693	106	988	0.07	ug/L	91
59) 1,2,3-Trichloropropane	11.809	75	5358	0.84	ug/L	92
69) Naphthalene	14.076	128	2276	0.17	ug/L #	87

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

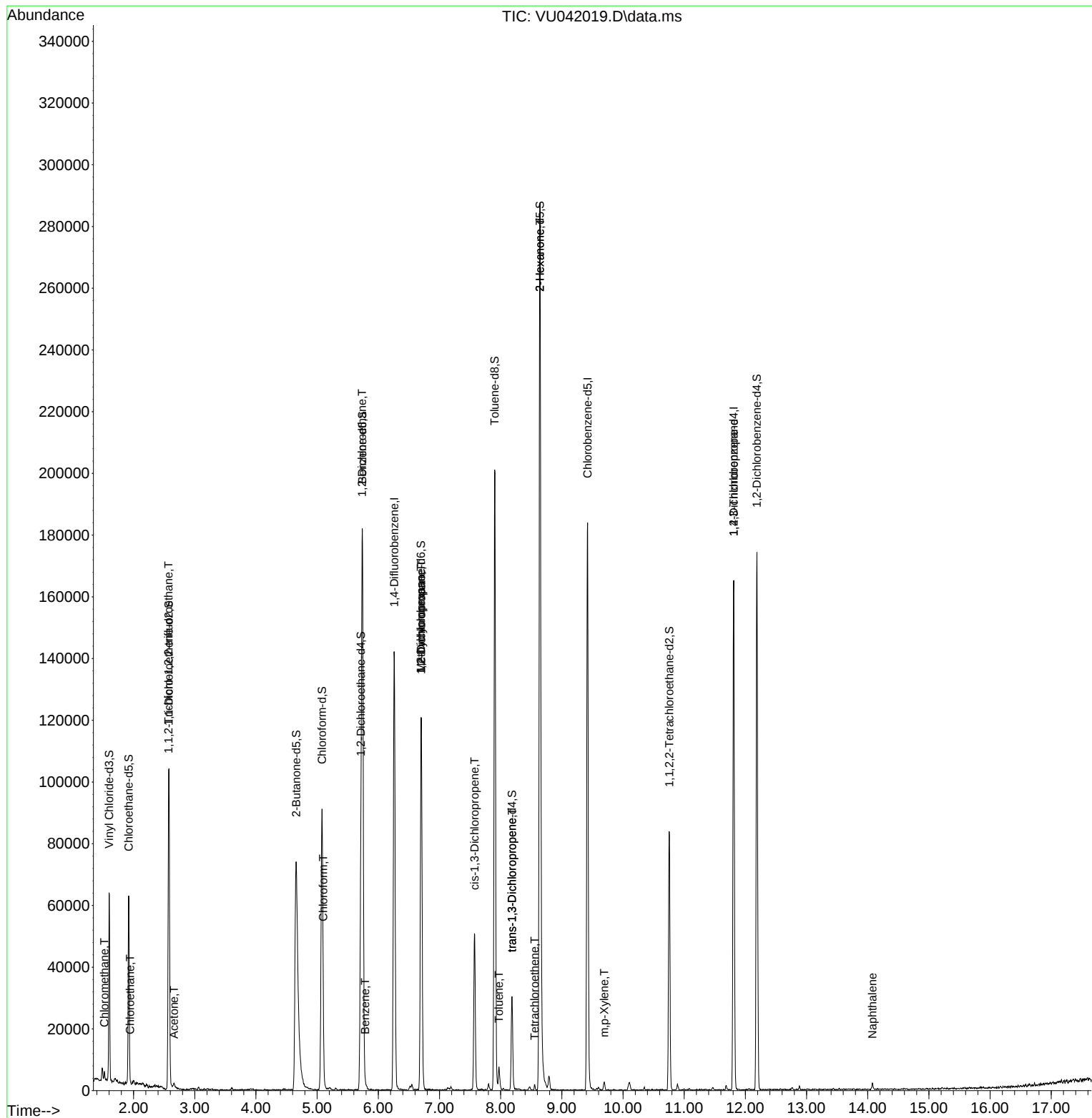
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

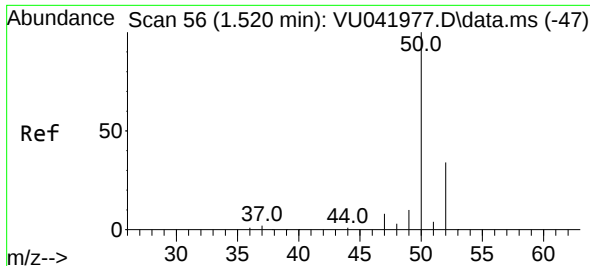
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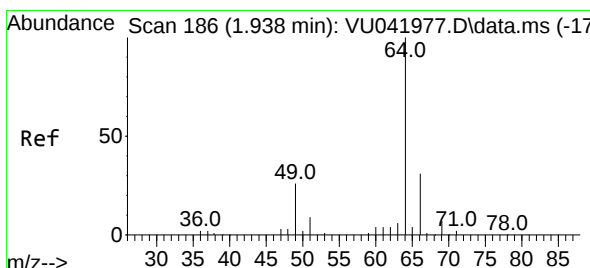
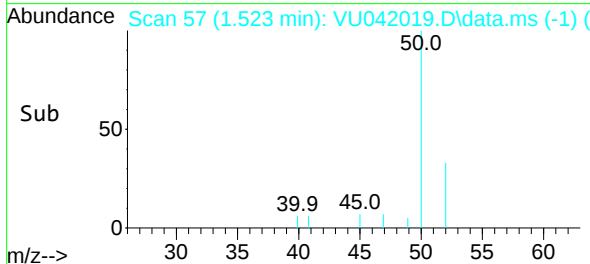
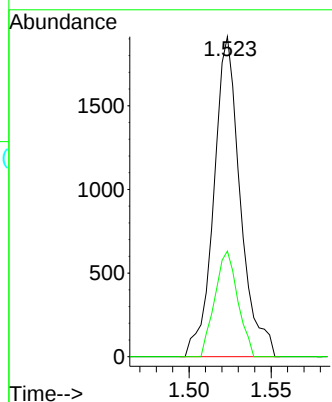
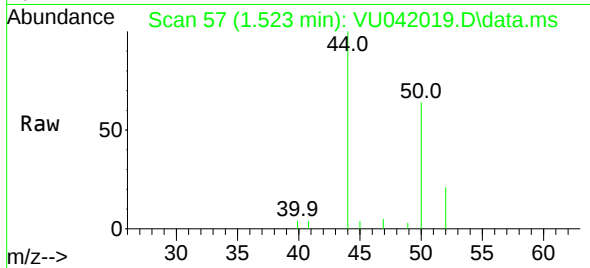




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

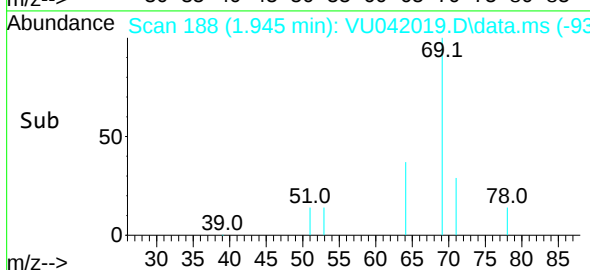
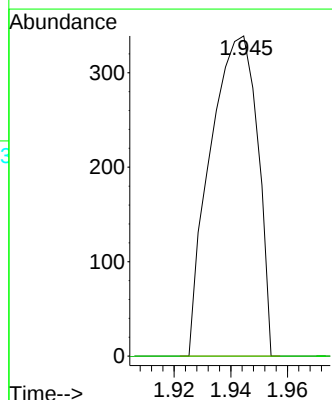
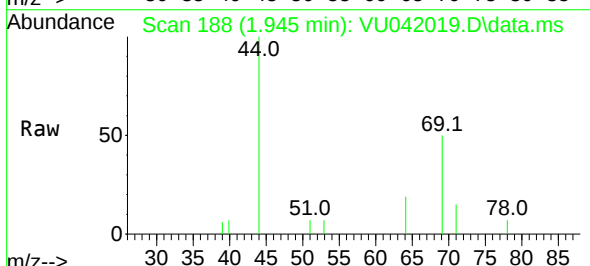
Instrument :
MSVOA_U
ClientSampleId :

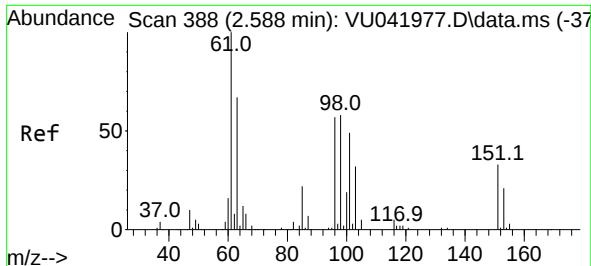
Tgt Ion: 50 Resp: 2141
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.945 min Scan# 188
Delta R.T. 0.006 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Tgt Ion: 64 Resp: 392
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#

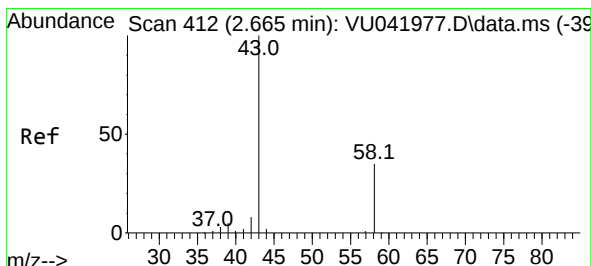
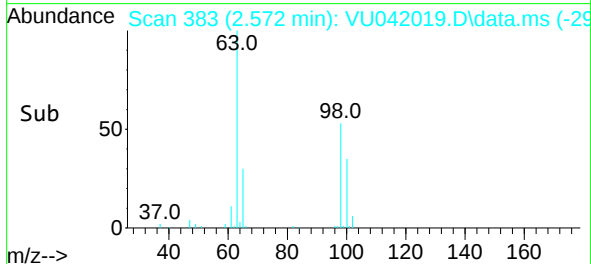
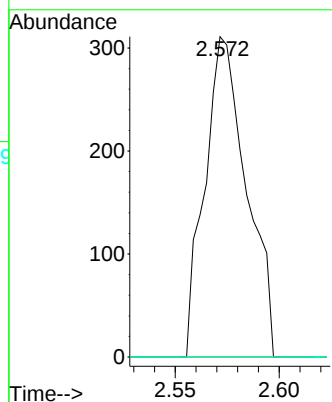
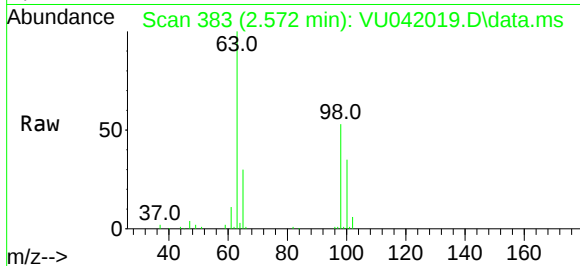




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

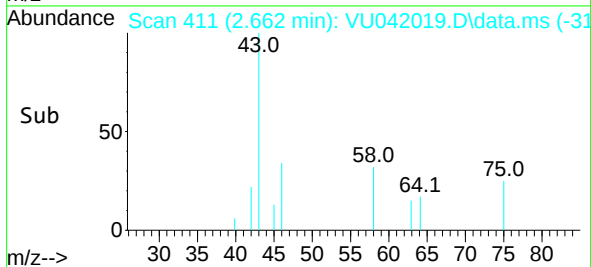
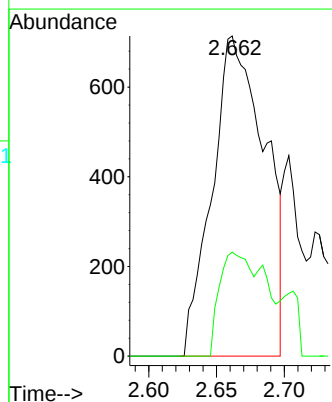
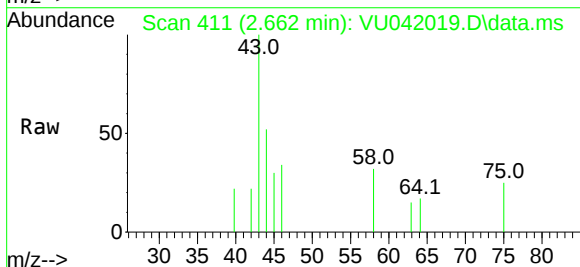
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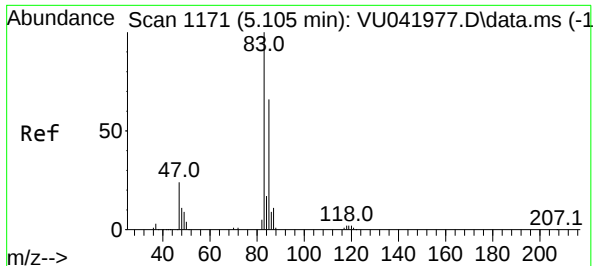
Tgt Ion:101 Resp: 435
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#13
Acetone
Concen: 1.06 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

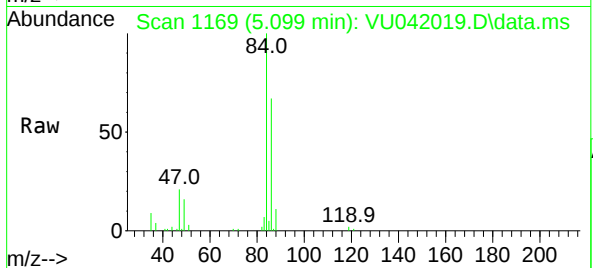
Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 19.4 0.0 57.4



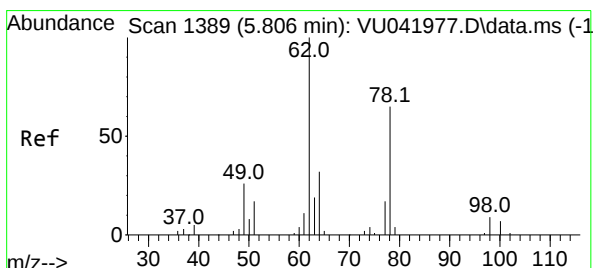
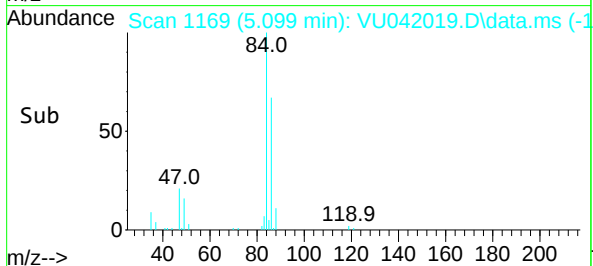
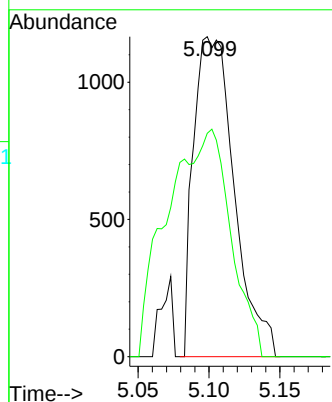


#25
Chloroform
Concen: 0.13 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.007 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

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MSVOA_U
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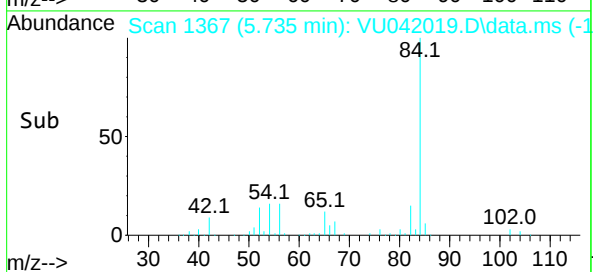
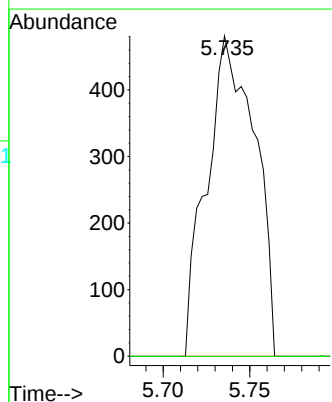
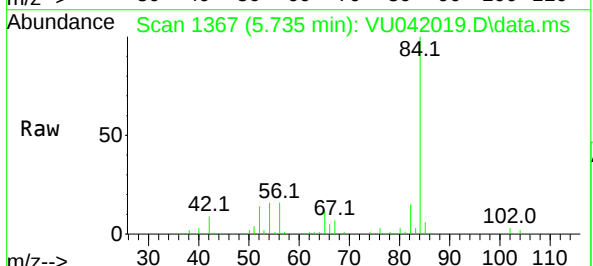


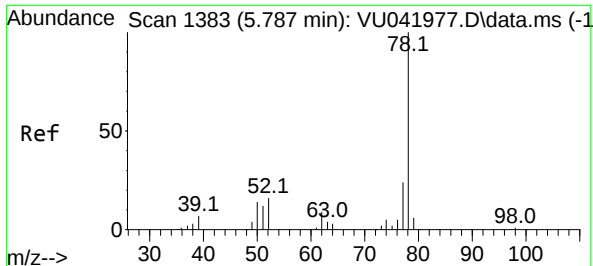
Tgt Ion: 83 Resp: 2327
Ion Ratio Lower Upper
83 100
85 69.8 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Tgt Ion: 62 Resp: 930
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

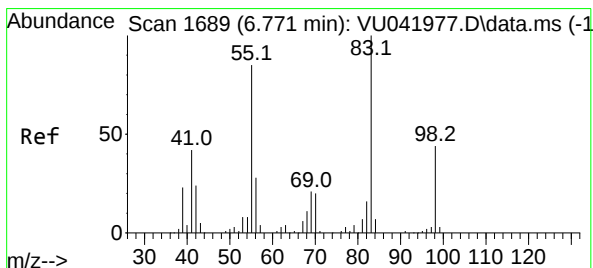
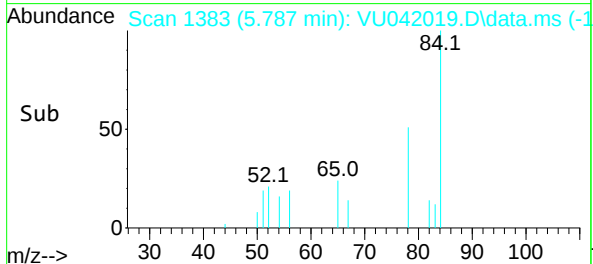
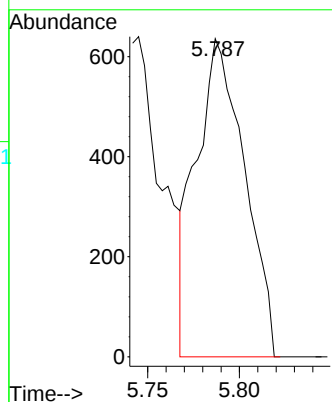
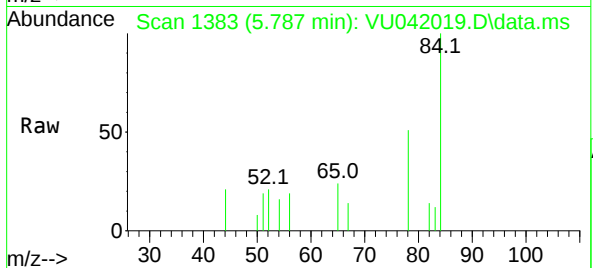




#33
Benzene
Concen: 0.03 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

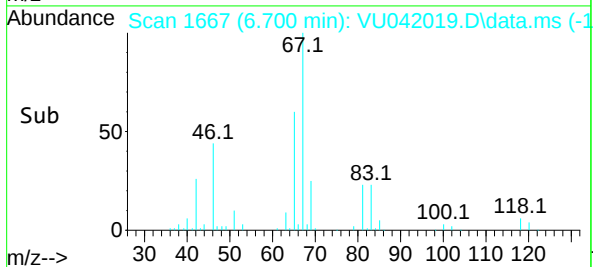
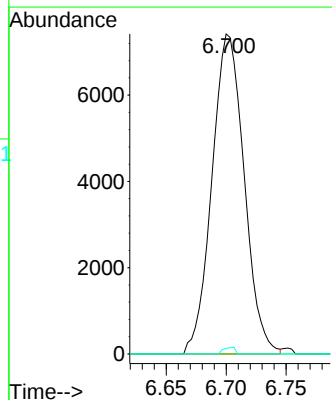
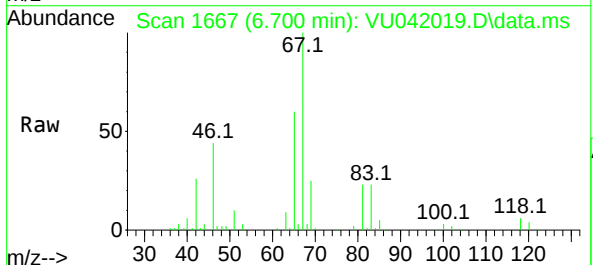
Instrument :
MSVOA_U
ClientSampled :

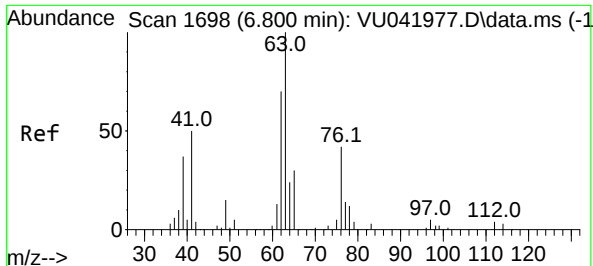
Tgt Ion: 78 Resp: 1167



#35
Methylcyclohexane
Concen: 0.93 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Tgt Ion: 83 Resp: 13854
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.7 35.7 53.5#



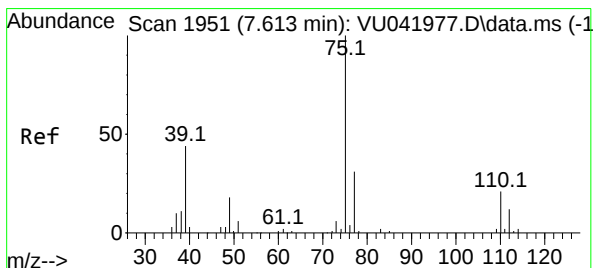
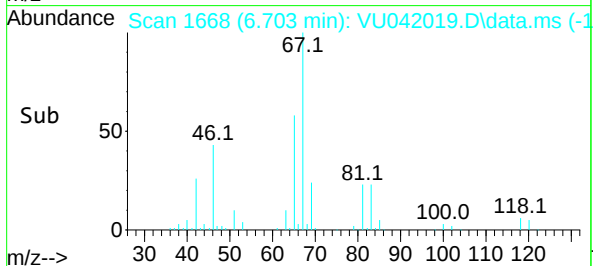
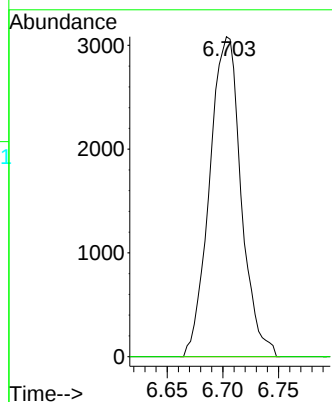
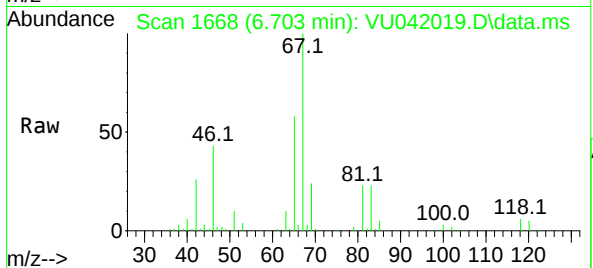


#37

1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Instrument :
MSVOA_U
ClientSampleId :

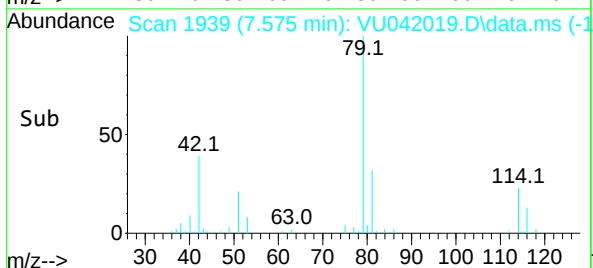
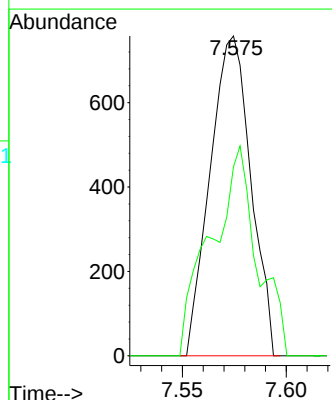
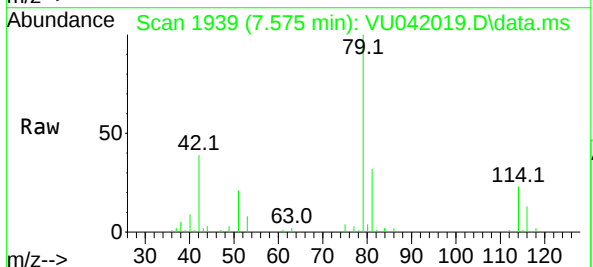
Tgt Ion: 63 Resp: 6081
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

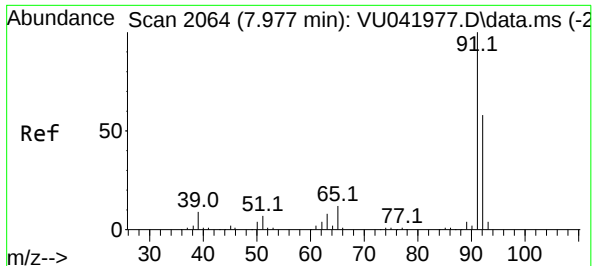


#39

cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Tgt Ion: 75 Resp: 1031
Ion Ratio Lower Upper
75 100
77 59.1 21.9 40.7#

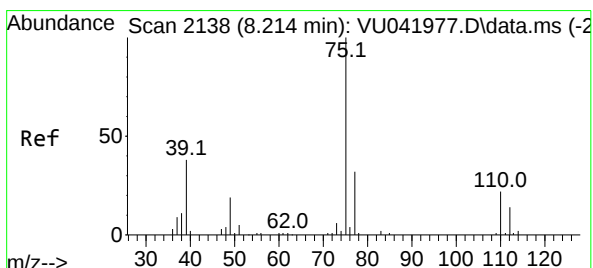
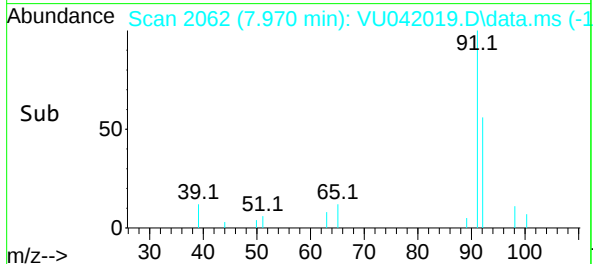
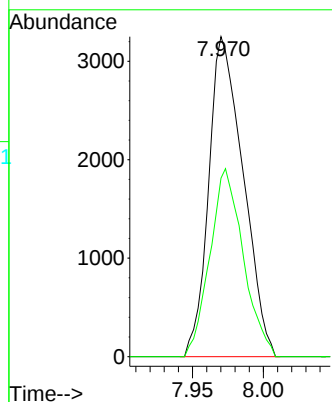
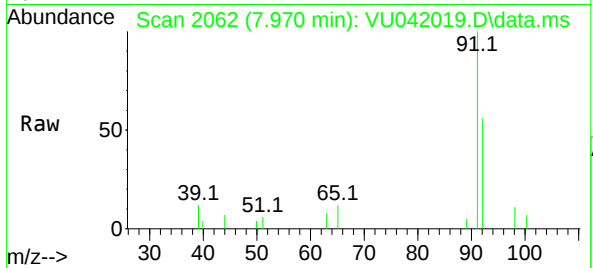




#42
Toluene
Concen: 0.14 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.007 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

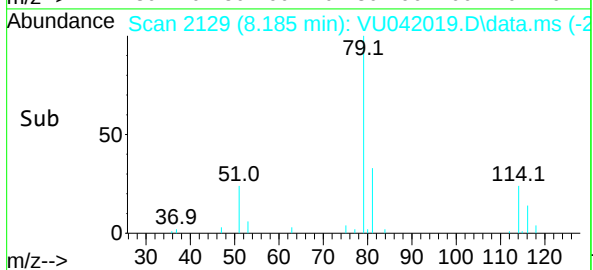
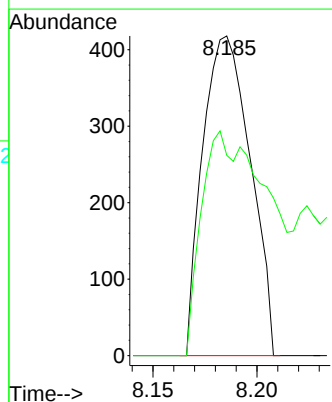
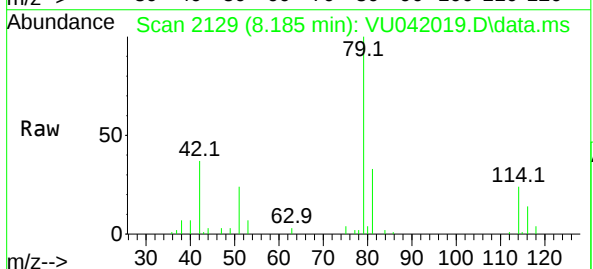
Instrument :
MSVOA_U
ClientSampled :

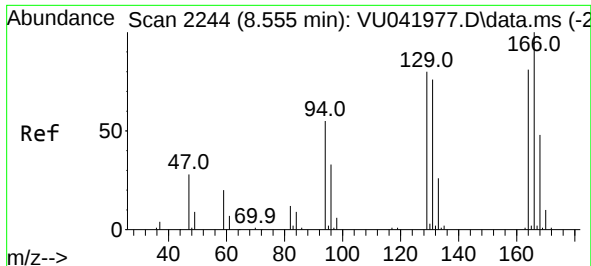
Tgt Ion: 91 Resp: 5496
Ion Ratio Lower Upper
91 100
92 55.8 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

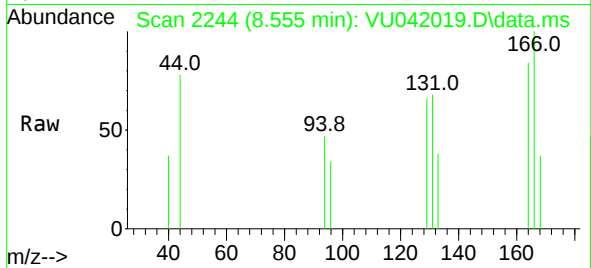
Tgt Ion: 75 Resp: 666
Ion Ratio Lower Upper
75 100
77 62.7 22.0 41.0#





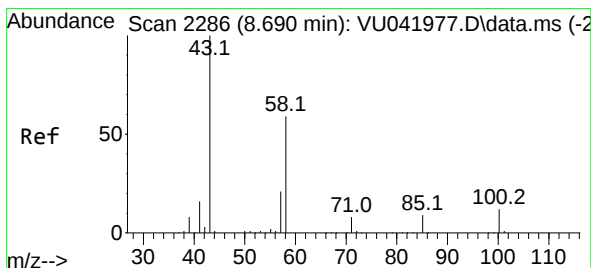
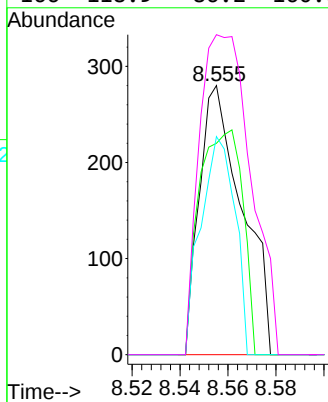
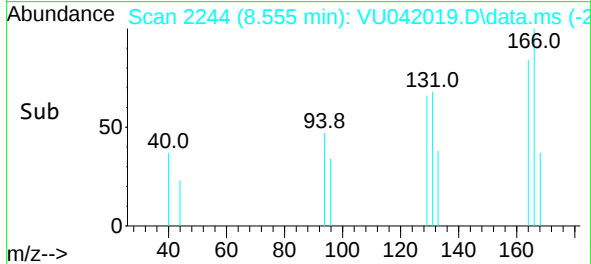
#47
Tetrachloroethene
Concen: 0.06 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Instrument :
MSVOA_U
ClientSampleId :

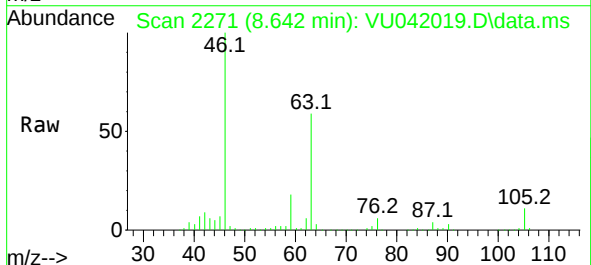


Tgt Ion:164 Resp: 347

Ion	Ratio	Lower	Upper
164	100		
129	78.6	68.7	127.5
131	81.1	65.2	121.0
166	118.9	86.2	160.0

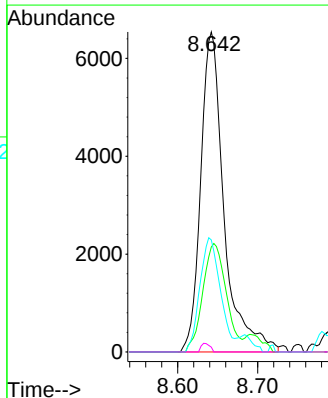
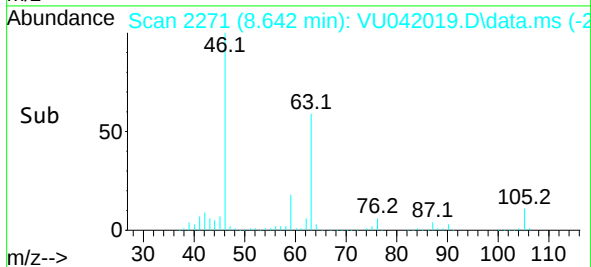


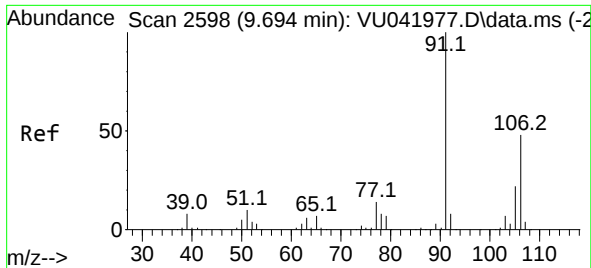
#48
2-Hexanone
Concen: 2.93 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04



Tgt Ion: 43 Resp: 13276

Ion	Ratio	Lower	Upper
43	100		
58	34.1	47.8	71.8#
57	31.4	17.4	26.0#
100	1.0	9.5	14.3#

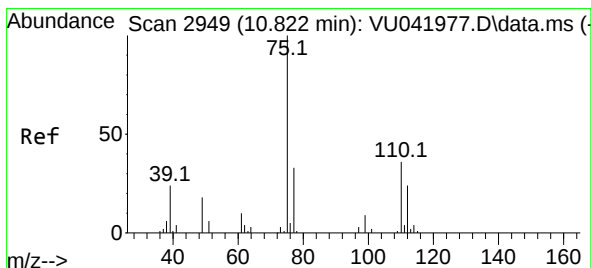
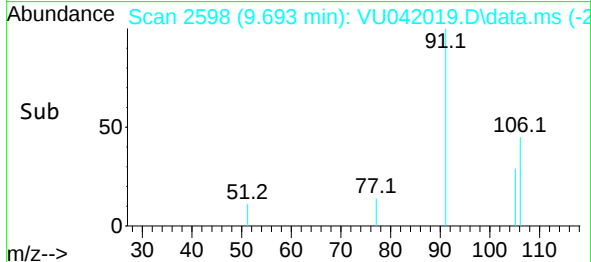
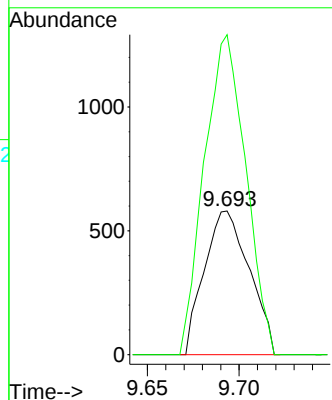
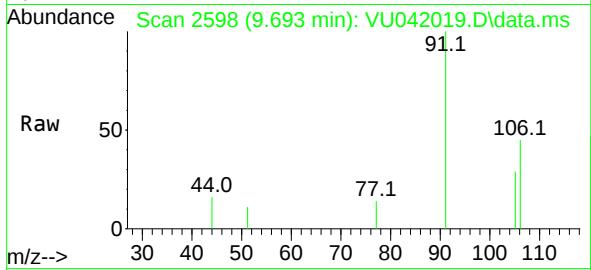




#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

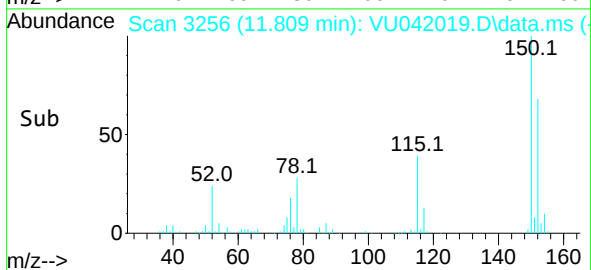
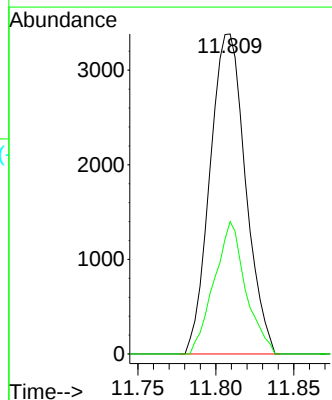
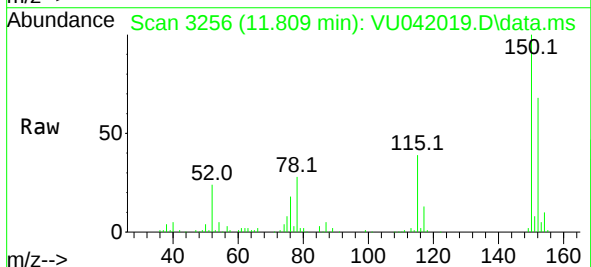
Instrument :
MSVOA_U
ClientSampled :

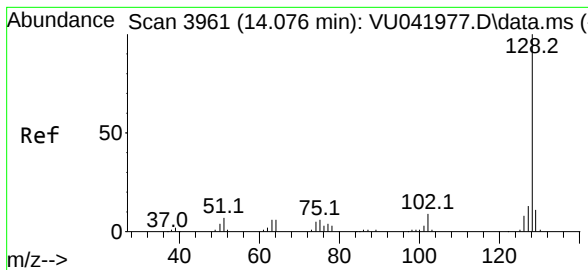
Tgt Ion:106 Resp: 988
Ion Ratio Lower Upper
106 100
91 222.8 145.7 270.5



#59
1,2,3-Trichloropropane
Concen: 0.84 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

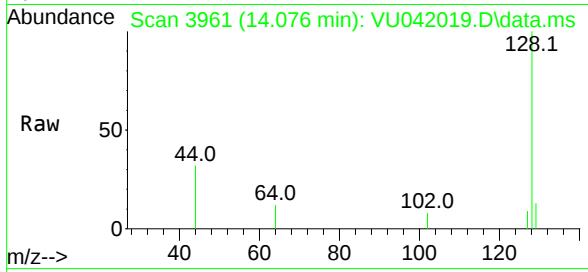
Tgt Ion: 75 Resp: 5358
Ion Ratio Lower Upper
75 100
77 36.6 25.6 38.4





#69
Naphthalene
Concen: 0.17 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VU042019.D
Acq: 14 Jan 2021 07:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2276
Ion Ratio Lower Upper
128 100
129 6.5 8.7 13.1#
127 7.6 10.5 15.7#

