

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042036.D
 Acq On : 14 Jan 2021 15:48
 Operator : SY/MD
 Sample : M1129-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT68

Manual Integrations
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Quant Time: Jan 15 05:26:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	125442	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50714	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38914	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.919	69	41818	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.572	63	60768	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.661	46	171978	54.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.28%
24) Chloroform-d	5.079	84	85592	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.716	65	49538	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.739	84	161899	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.703	67	53647	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.902	98	137307	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloroprop...	8.185	79	22582	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.642	63	136719	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	49426	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	50434	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	3787	0.26	ug/L	95
13) Acetone	2.665	43	24813m	12.50	ug/L	
14) Carbon disulfide	2.803	76	4768	0.15	ug/L	95
15) Methyl Acetate	2.973	43	4297	0.89	ug/L #	86
17) Methyl tert-butyl Ether	3.379	73	10381	0.40	ug/L #	76
21) 2-Butanone	4.735	43	16462	5.20	ug/L	96
25) Chloroform	5.102	83	11870	0.61	ug/L	100
33) Benzene	5.780	78	3093	0.07	ug/L	100
34) Trichloroethene	6.552	95	418551	39.48	ug/L	98
38) Bromodichloromethane	7.115	83	7056	0.49	ug/L	99
42) Toluene	7.976	91	2748	0.06	ug/L	88
47) Tetrachloroethene	8.555	164	9015	1.31	ug/L	98
49) Dibromochloromethane	8.812	129	3626	0.43	ug/L	96

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

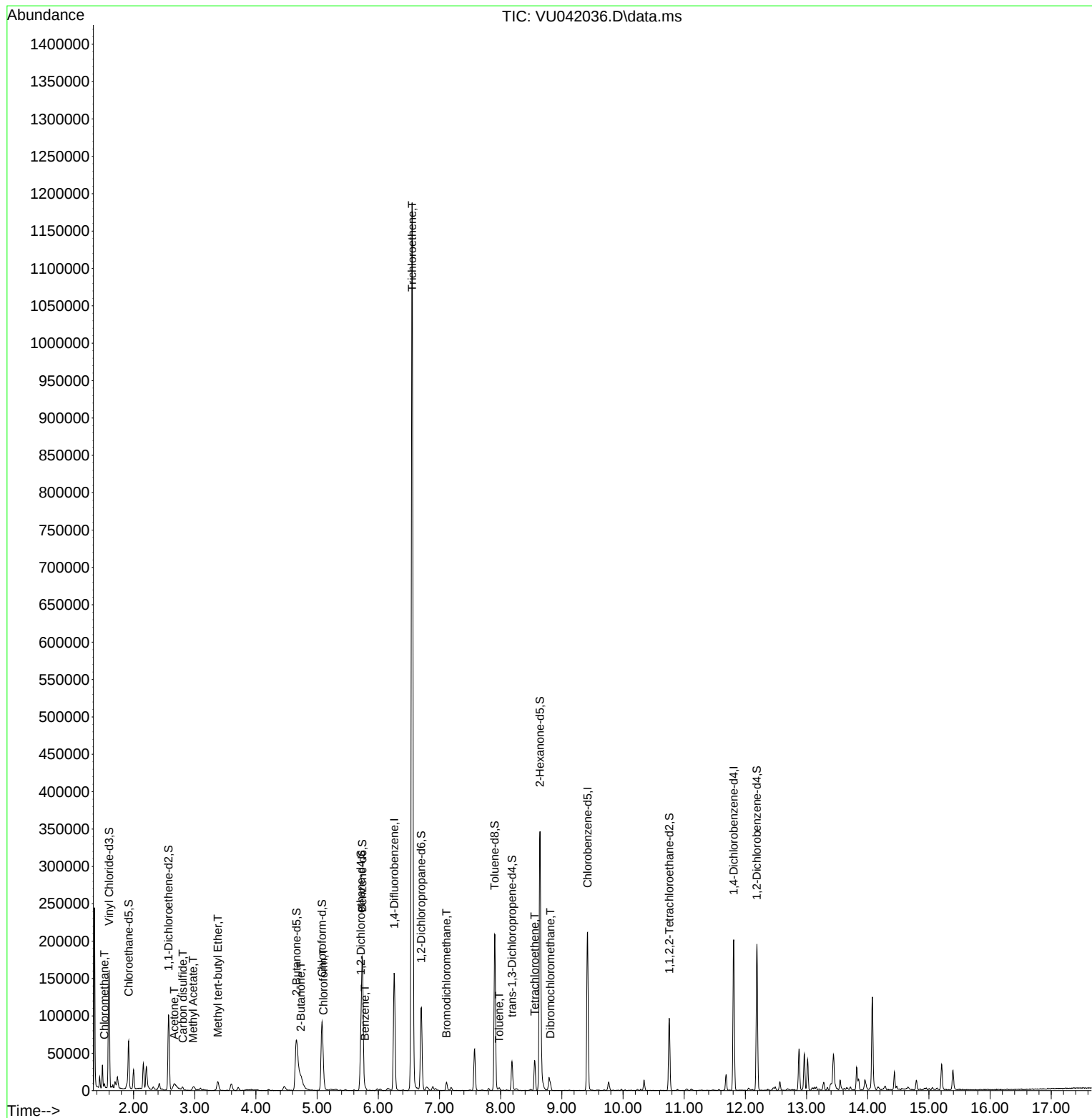
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Data File : VU042036.D
Acq On : 14 Jan 2021 15:48
Operator : SY/MD
Sample : M1129-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

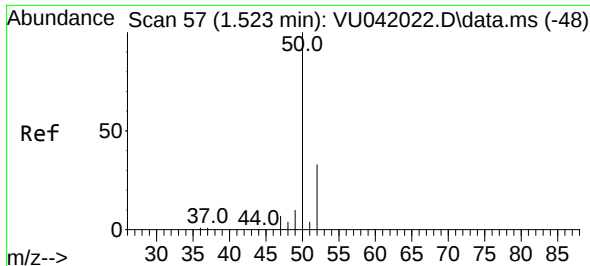
Instrument :
MSVOA_U
ClientSampleId :
BFT68

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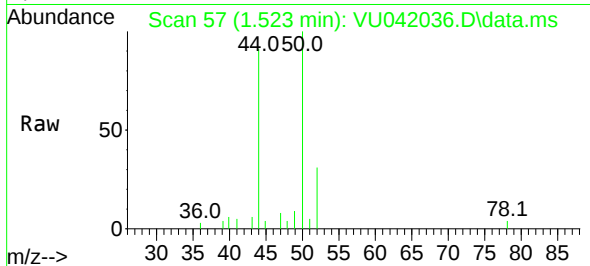
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 05:20:45 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.26 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

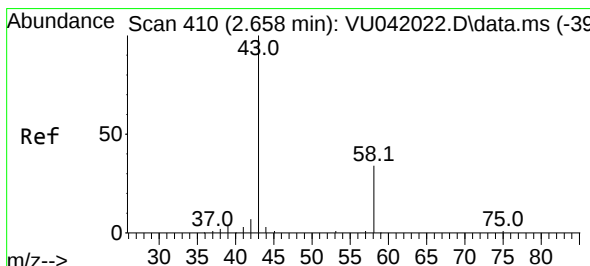
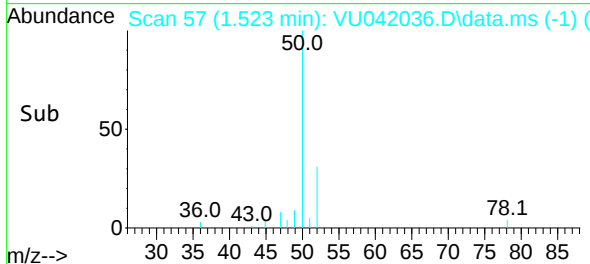
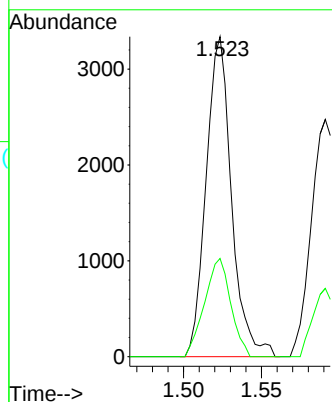
Instrument :
MSVOA_U
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Tgt Ion: 50 Resp: 3787
Ion Ratio Lower Upper
50 100
52 30.7 23.5 43.7

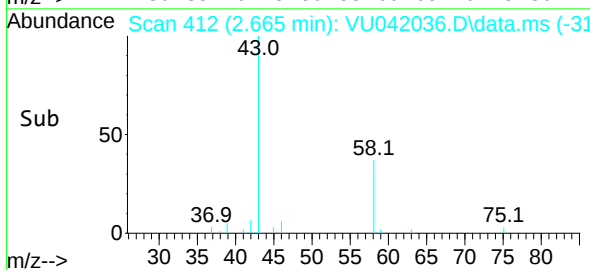
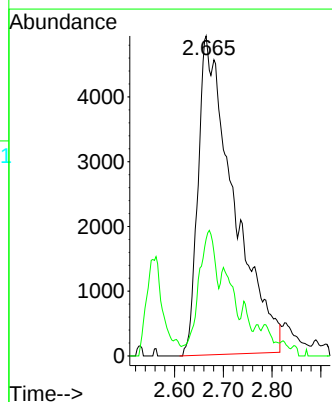
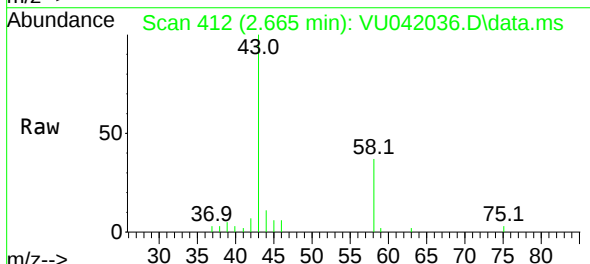
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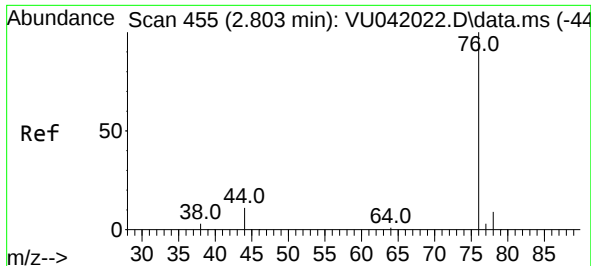
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#13
Acetone
Concen: 12.50 ug/L m
RT: 2.665 min Scan# 412
Delta R.T. 0.007 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

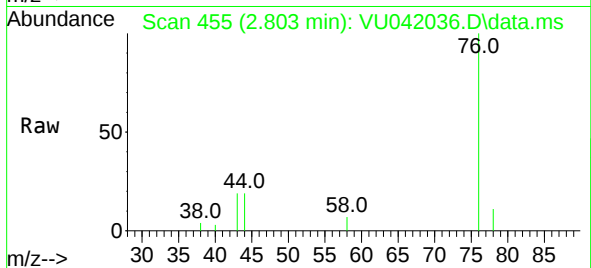
Tgt Ion: 43 Resp: 24813
Ion Ratio Lower Upper
43 100
58 17.2 0.0 57.4





#14
Carbon disulfide
Concen: 0.15 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

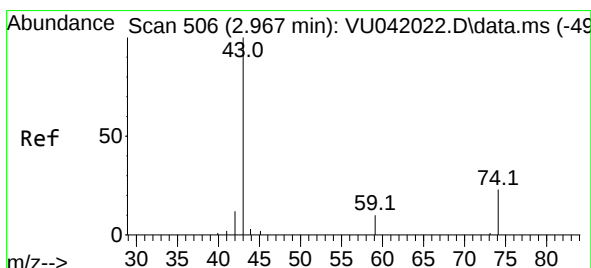
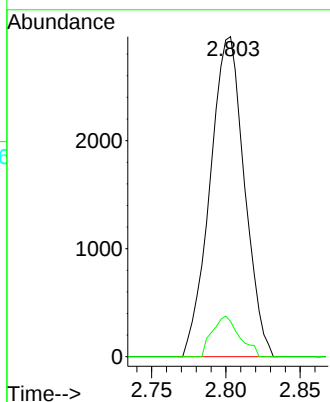
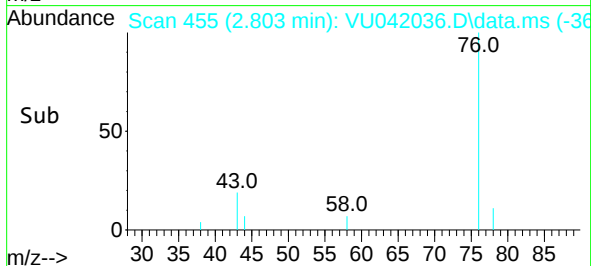
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ClientSampleId :
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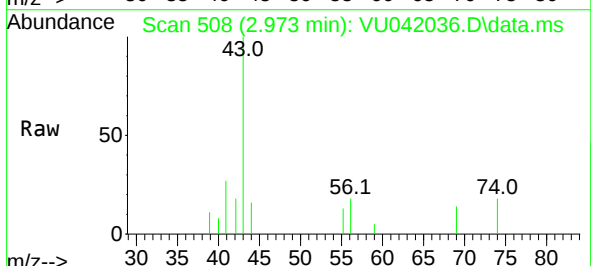
Tgt Ion: 76 Resp: 4768
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0

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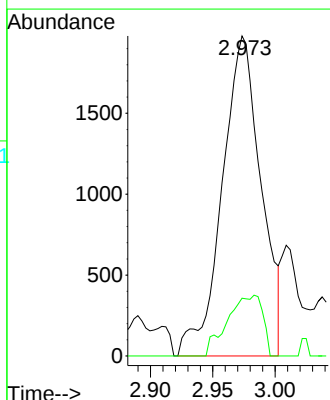
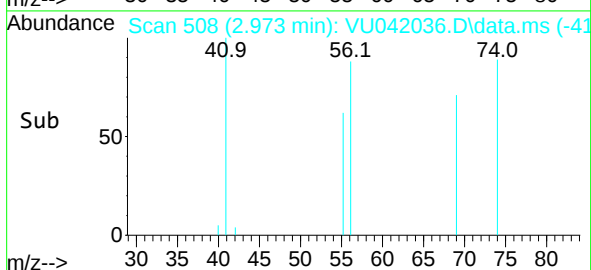
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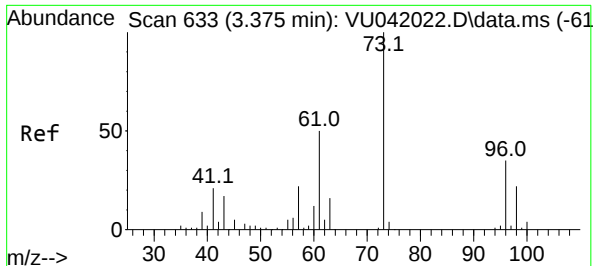


#15
Methyl Acetate
Concen: 0.89 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.007 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48



Tgt Ion: 43 Resp: 4297
Ion Ratio Lower Upper
43 100
74 17.2 19.2 28.8#





#17

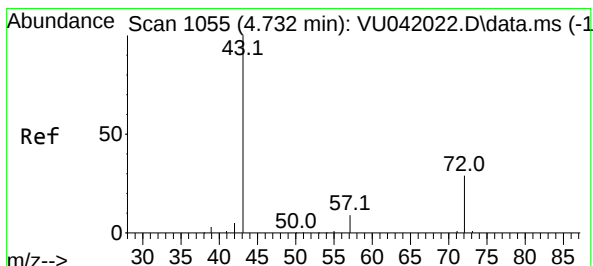
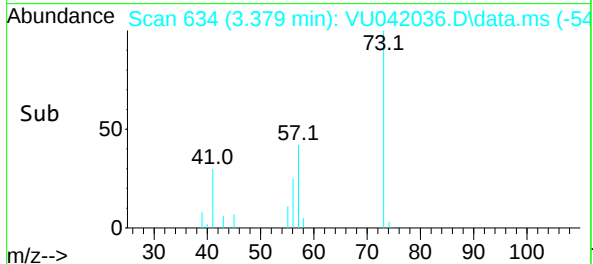
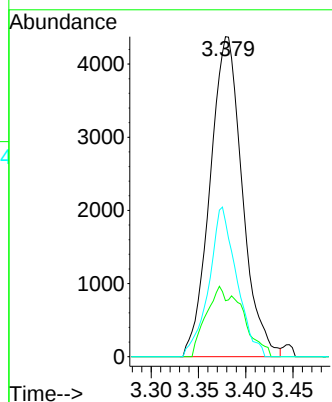
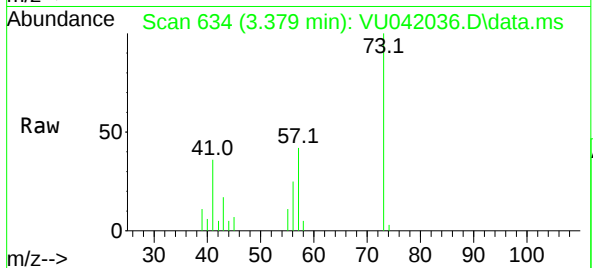
Methyl tert-butyl Ether
Concen: 0.40 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	14.5	15.1	22.7#
57	40.2	18.0	27.0#

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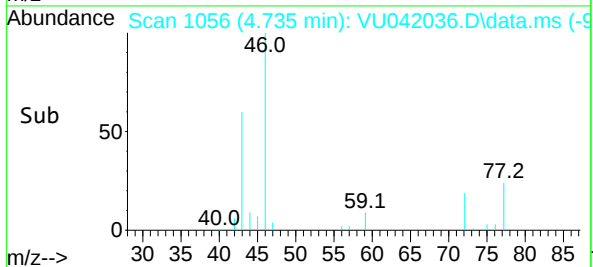
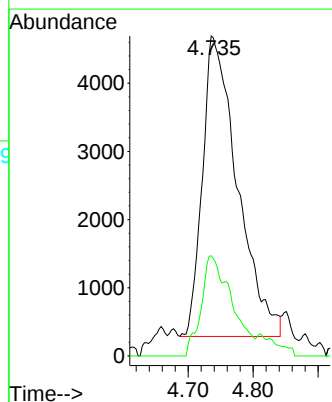
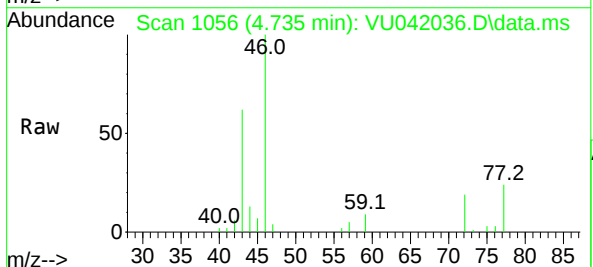
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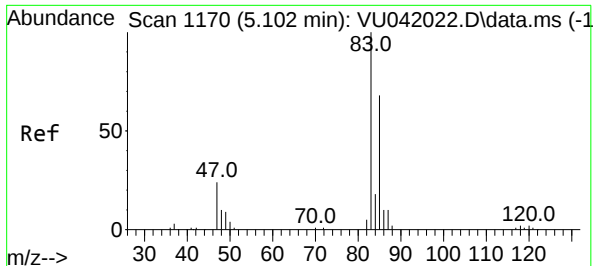


#21

2-Butanone
Concen: 5.20 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.003 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	29.3	13.7	41.1





#25

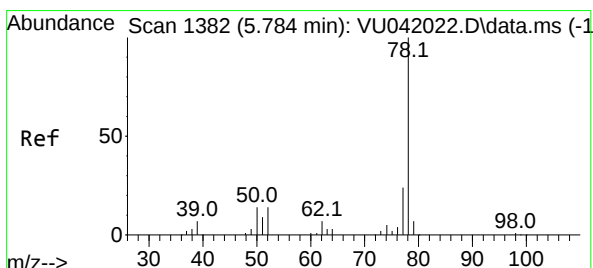
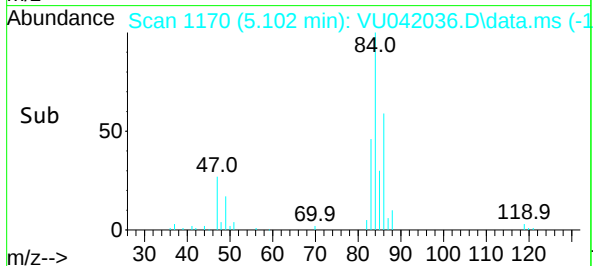
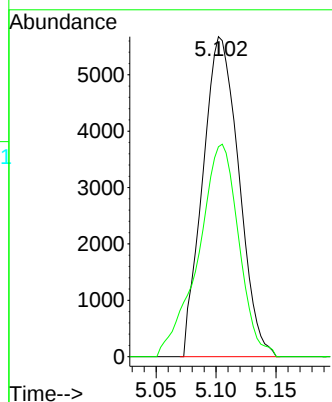
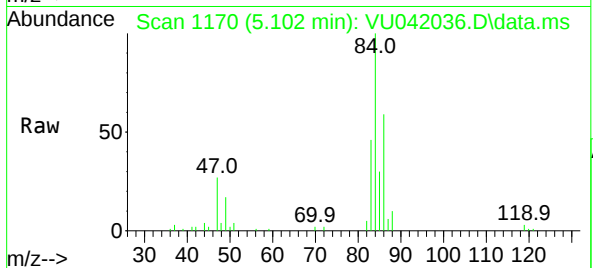
Chloroform
Concen: 0.61 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

Tgt Ion: 83 Resp: 11870
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.7

Instrument :
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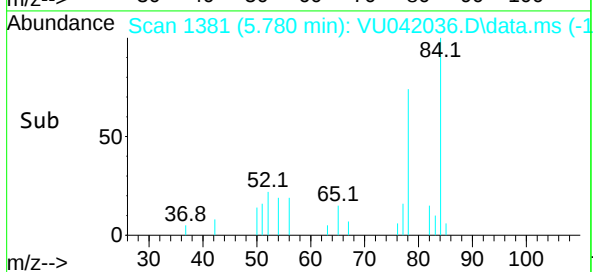
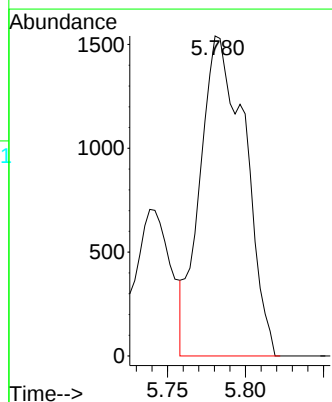
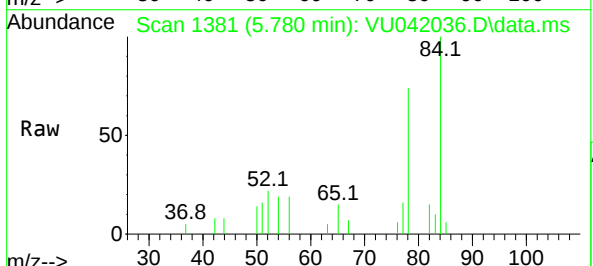
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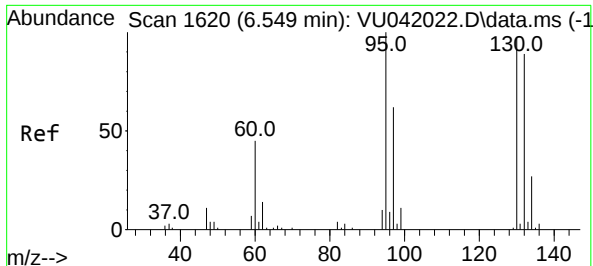


#33

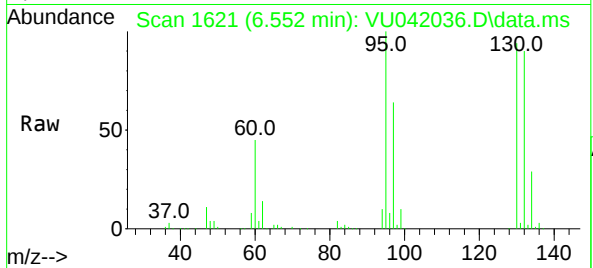
Benzene
Concen: 0.07 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

Tgt Ion: 78 Resp: 3093

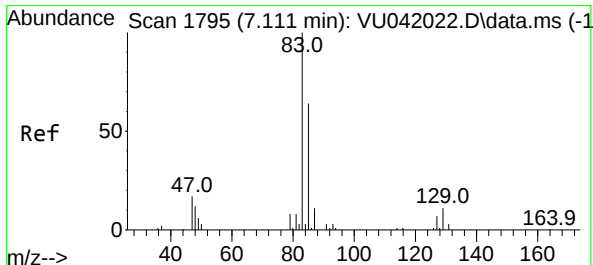
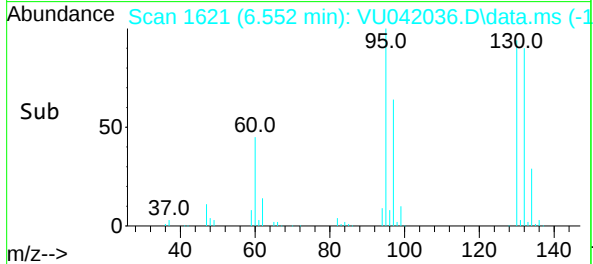
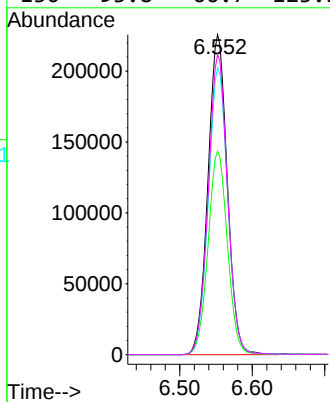




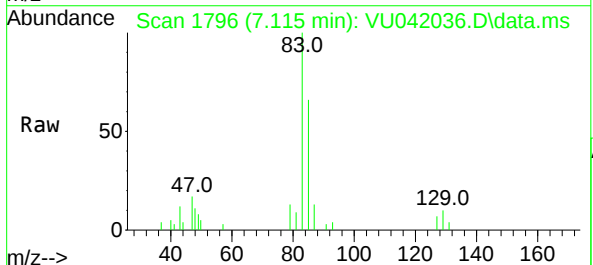
#34
Trichloroethene
Concen: 39.48 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48



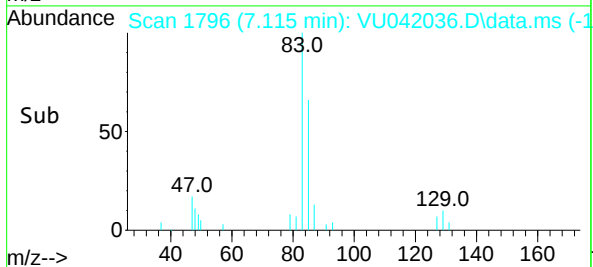
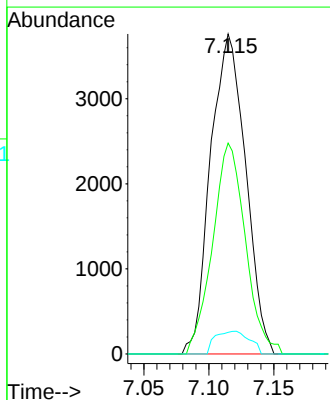
Tgt Ion: 95 Resp: 418551
Ion Ratio Lower Upper
95 100
97 63.6 43.6 81.0
132 89.7 64.3 119.3
130 93.8 66.7 123.9



#38
Bromodichloromethane
Concen: 0.49 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48



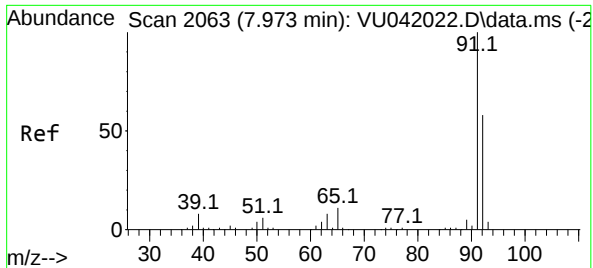
Tgt Ion: 83 Resp: 7056
Ion Ratio Lower Upper
83 100
85 65.9 45.8 85.0
127 6.7 6.1 9.1



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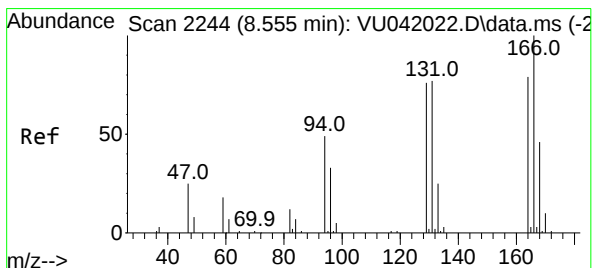
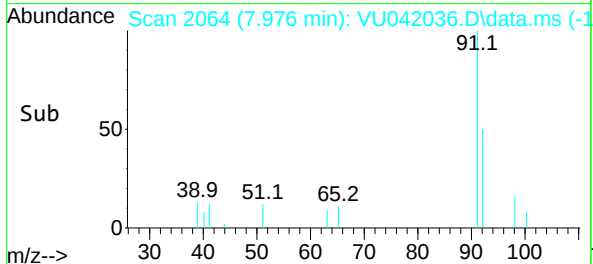
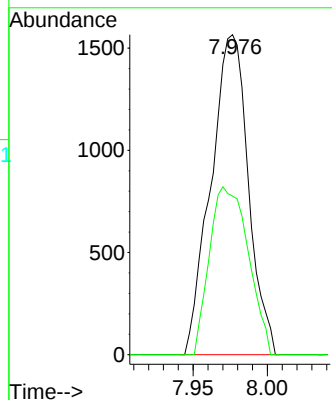
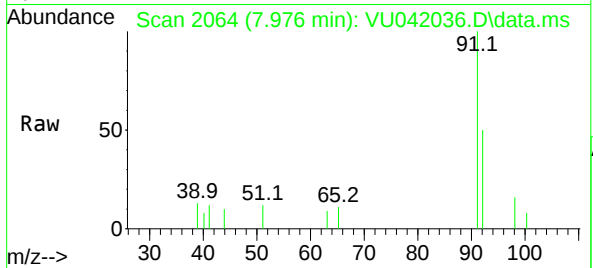
#42
Toluene
Concen: 0.06 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

Tgt Ion: 91 Resp: 2748
Ion Ratio Lower Upper
91 100
92 49.6 40.7 75.7

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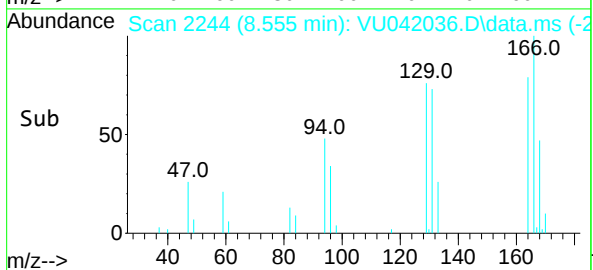
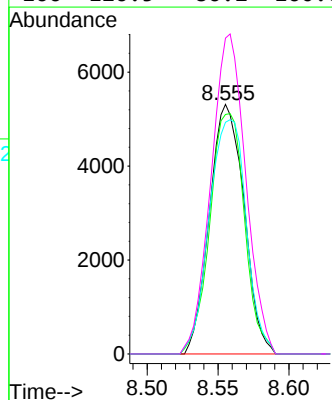
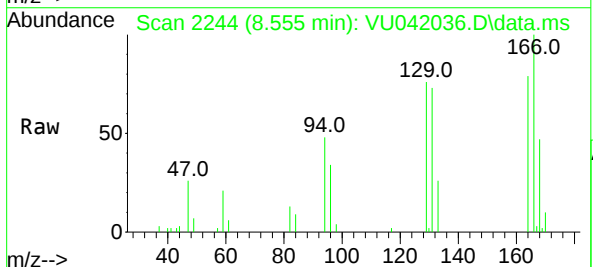
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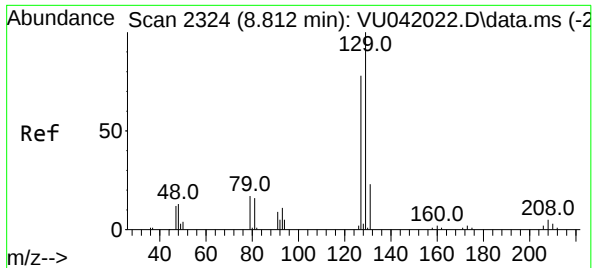
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#47
Tetrachloroethene
Concen: 1.31 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042036.D
Acq: 14 Jan 2021 15:48

Tgt Ion: 164 Resp: 9015
Ion Ratio Lower Upper
164 100
129 96.0 68.7 127.5
131 92.8 65.2 121.0
166 126.5 86.2 160.0





#49
 Dibromochloromethane
 Concen: 0.43 ug/L
 RT: 8.812 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: VU042036.D
 Acq: 14 Jan 2021 15:48

Tgt Ion:129 Resp: 3626
 Ion Ratio Lower Upper
 129 100
 127 80.1 53.7 99.7

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