

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042085.D
 Acq On : 15 Jan 2021 20:26
 Operator : SY/MD
 Sample : M1164-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ1

Manual Integrations
 APPROVED

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 1/19/2021 4:05:55 PM

Quant Time: Jan 16 01:15:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	135394	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50960	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35813	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.919	69	40500	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.575	63	57754	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.655	46	190083	55.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.88%
24) Chloroform-d	5.079	84	100671	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.716	65	57438	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.742	84	191523	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.700	67	66816	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.906	98	155015	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.185	79	24612	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.642	63	165136	68.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.12%#
57) 1,1,2,2-Tetrachloroeth...	10.754	84	50358	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	51201	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	20625	1.66	ug/L	100
13) Acetone	2.655	43	4179m	1.95	ug/L	
17) Methyl tert-butyl Ether	3.378	73	1093615	39.34	ug/L	97
19) 1,1-Dichloroethane	3.886	63	18200	0.86	ug/L	98
25) Chloroform	5.105	83	6844	0.32	ug/L	96
34) Trichloroethene	6.555	95	7417	0.72	ug/L	95
42) Toluene	7.973	91	3173	0.07	ug/L	95
47) Tetrachloroethene	8.558	164	3854	0.58	ug/L	91
53) m,p-Xylene	9.693	106	714	0.05	ug/L	97

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

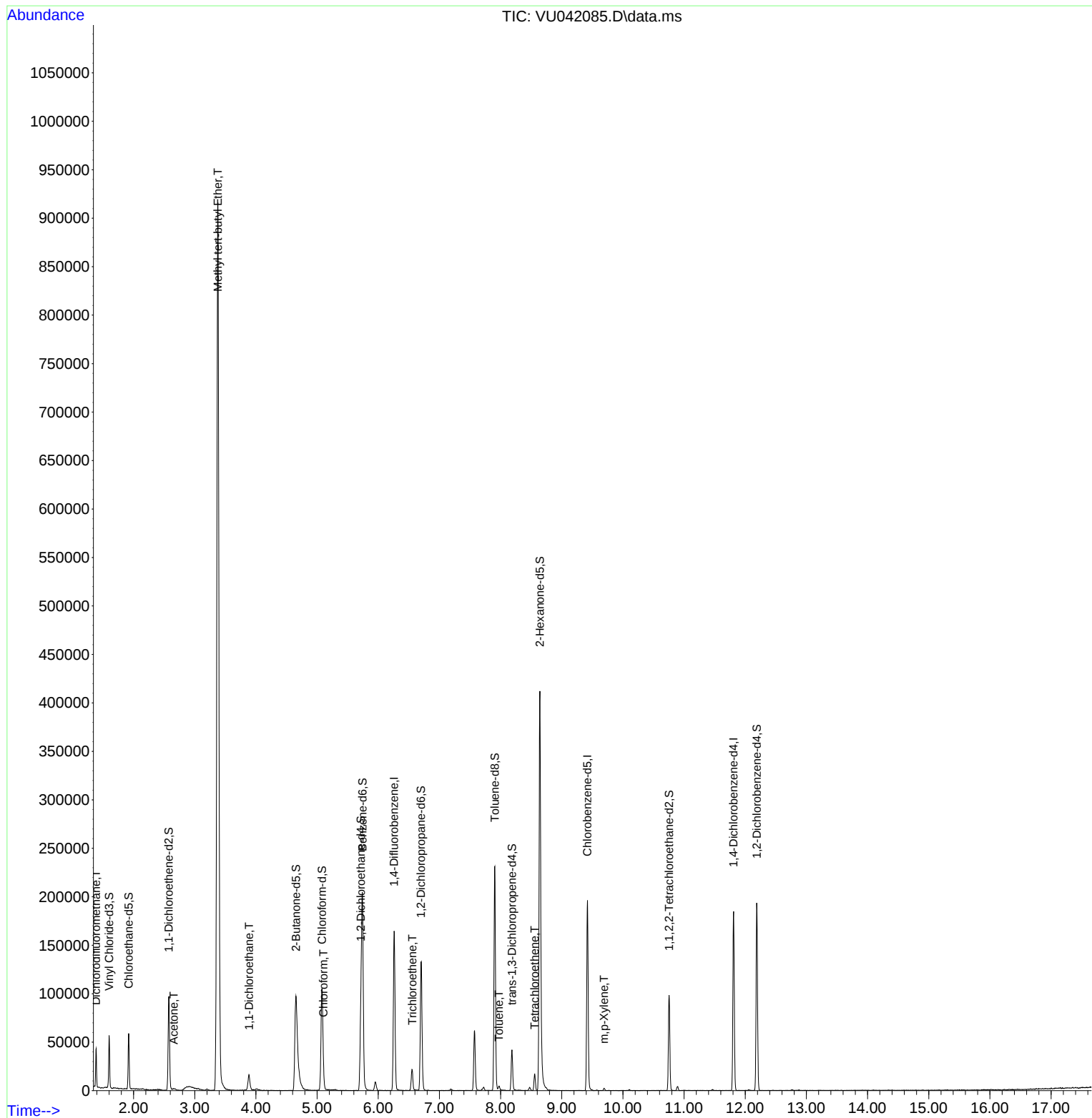
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042085.D
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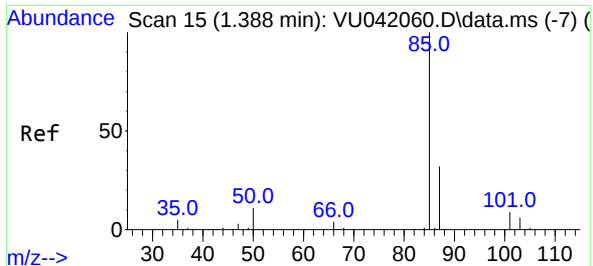
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
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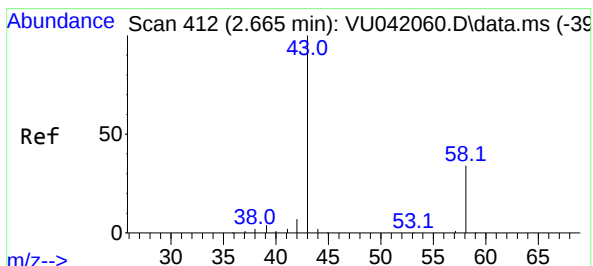
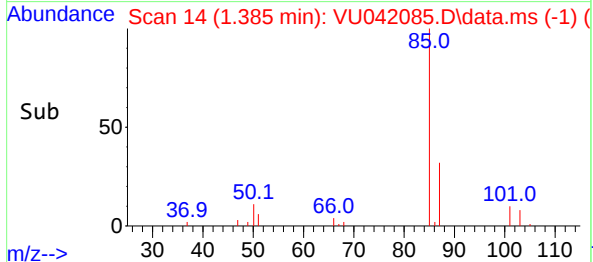
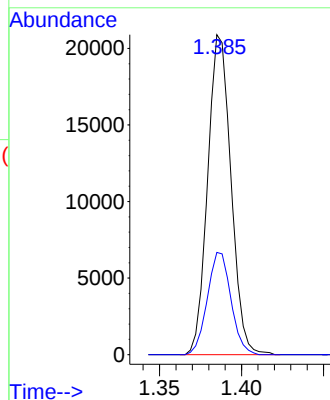
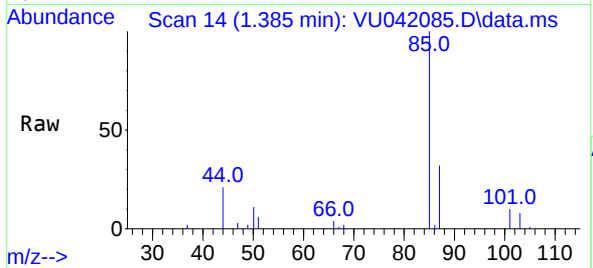
#2
Dichlorodifluoromethane
Concen: 1.66 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

Tgt Ion: 85 Resp: 20625
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5

Instrument :
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ClientSampleId :
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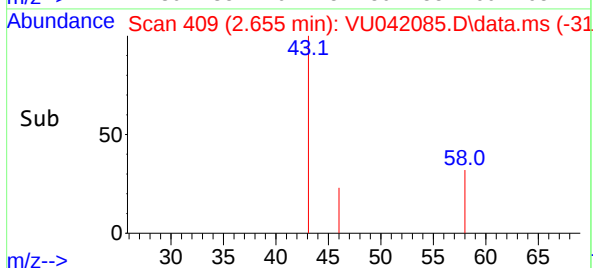
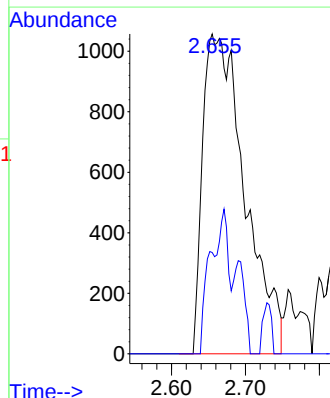
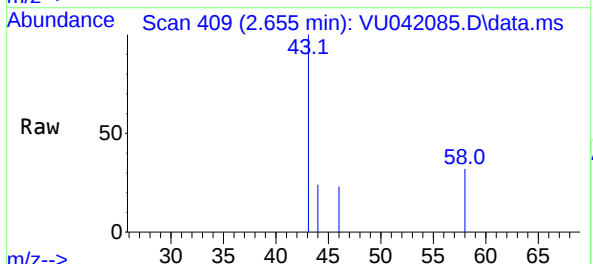
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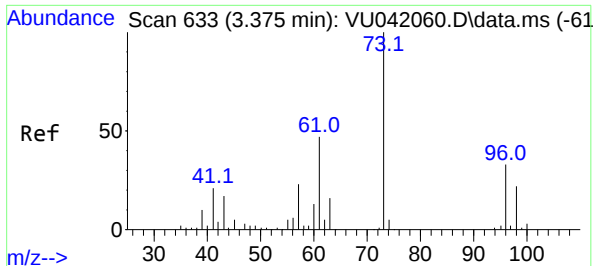
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#13
Acetone
Concen: 1.95 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

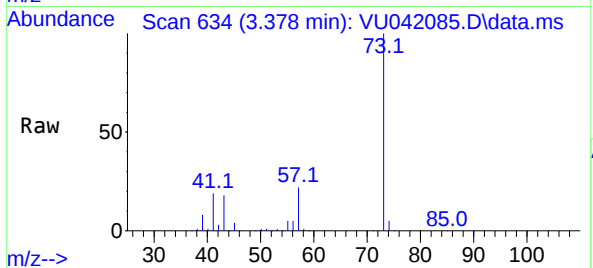
Tgt Ion: 43 Resp: 4179
Ion Ratio Lower Upper
43 100
58 7.8 0.0 57.4





#17
Methyl tert-butyl Ether
Concen: 39.34 ug/L
RT: 3.378 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

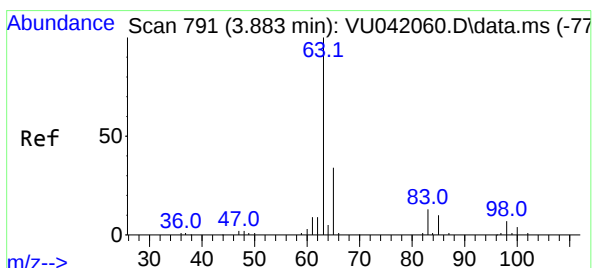
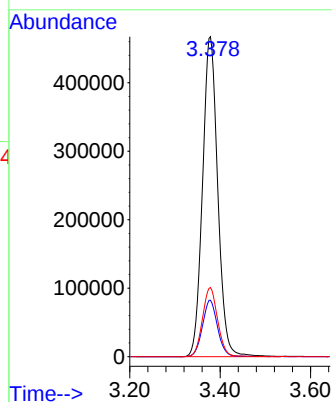
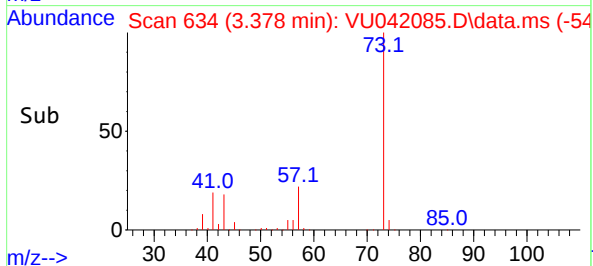
Instrument :
MSVOA_U
ClientSampled :
BFXQ1



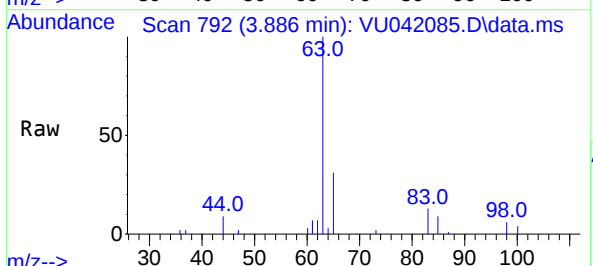
Tgt Ion: 73 Resp: 1093615
Ion Ratio Lower Upper
73 100
43 17.4 15.1 22.7
57 21.6 18.0 27.0

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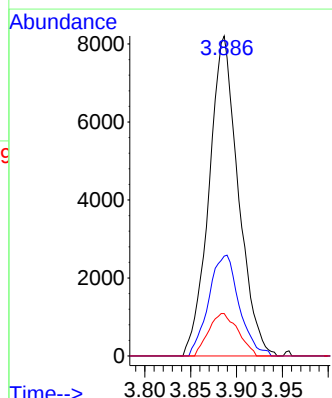
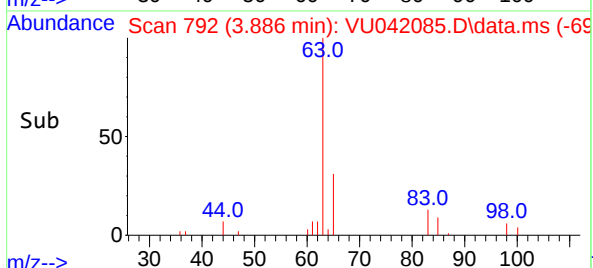
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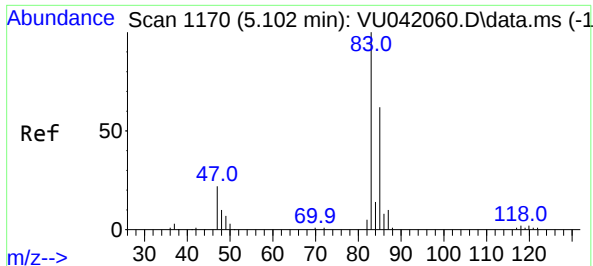


#19
1,1-Dichloroethane
Concen: 0.86 ug/L
RT: 3.886 min Scan# 792
Delta R.T. 0.003 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26



Tgt Ion: 63 Resp: 18200
Ion Ratio Lower Upper
63 100
65 31.2 22.7 42.1
83 13.2 9.4 17.6





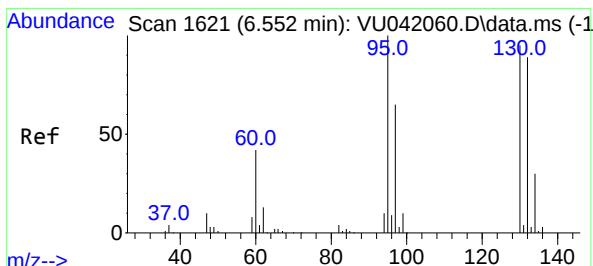
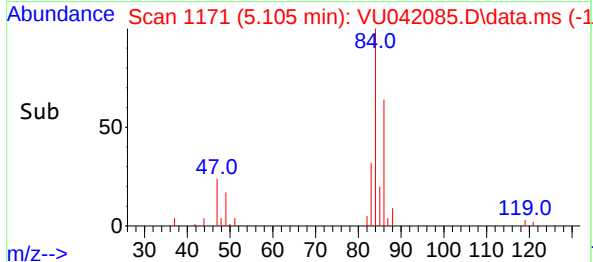
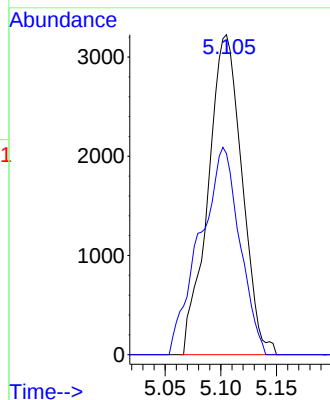
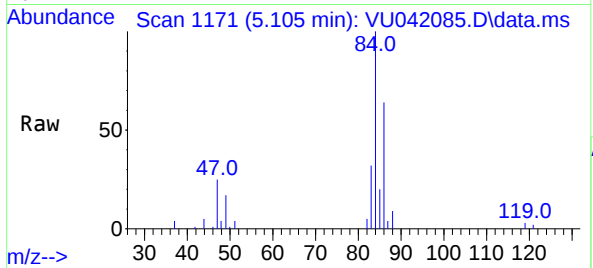
#25
Chloroform
Concen: 0.32 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

Tgt Ion: 83 Resp: 6844
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.7

Instrument :
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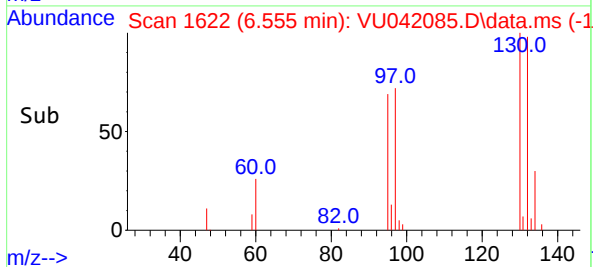
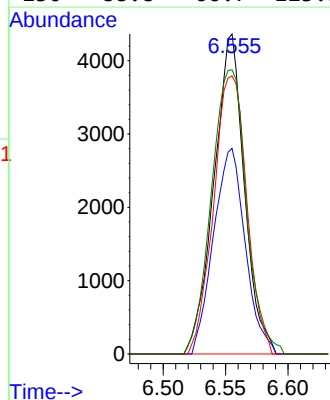
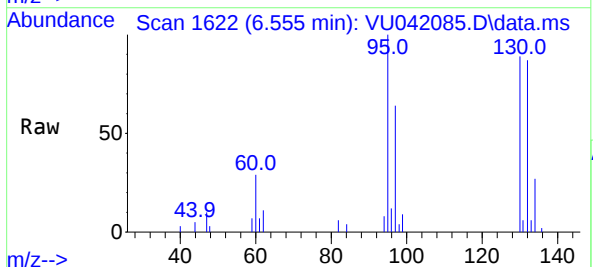
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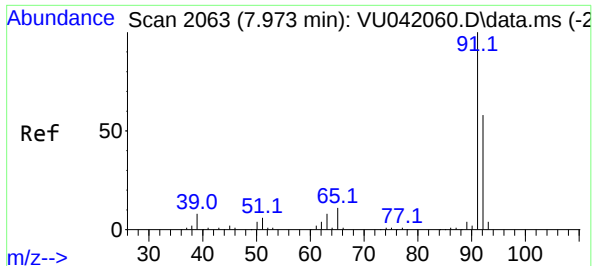
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#34
Trichloroethene
Concen: 0.72 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.003 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

Tgt Ion: 95 Resp: 7417
Ion Ratio Lower Upper
95 100
97 64.2 43.6 81.0
132 86.9 64.3 119.3
130 88.8 66.7 123.9





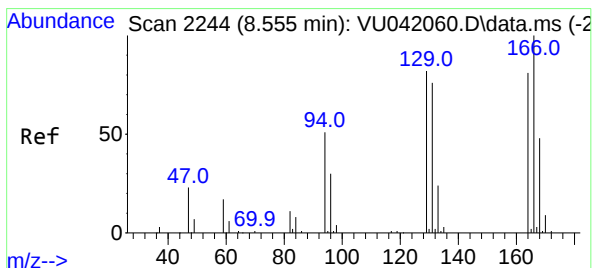
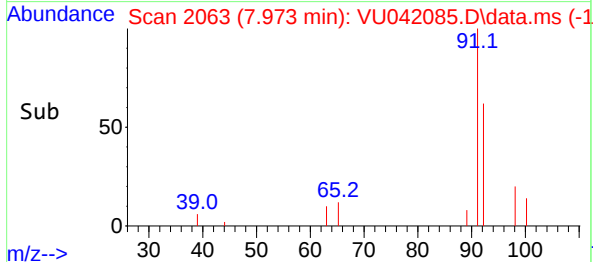
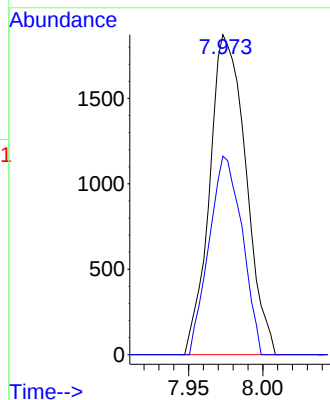
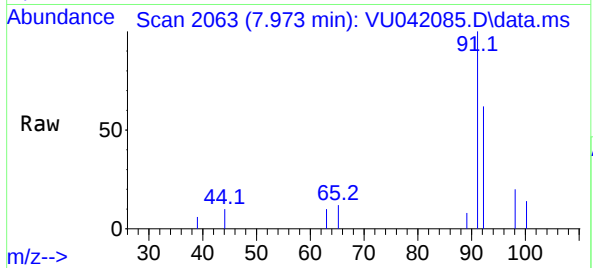
#42
Toluene
Concen: 0.07 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

Tgt Ion: 91 Resp: 3173
Ion Ratio Lower Upper
91 100
92 62.0 40.7 75.7

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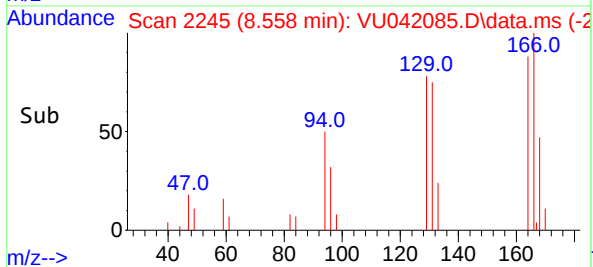
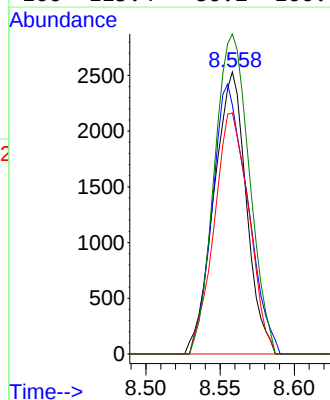
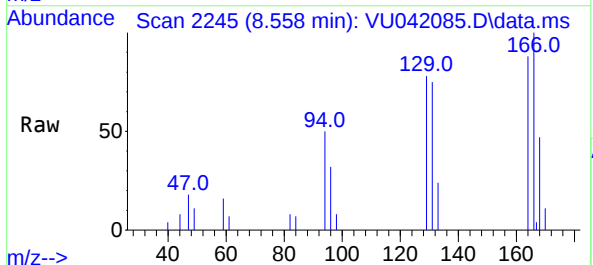
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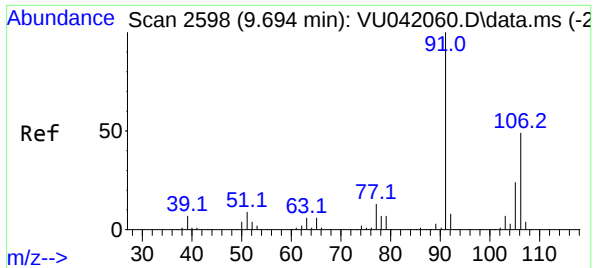
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#47
Tetrachloroethene
Concen: 0.58 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042085.D
Acq: 15 Jan 2021 20:26

Tgt Ion: 164 Resp: 3854
Ion Ratio Lower Upper
164 100
129 88.2 68.7 127.5
131 85.4 65.2 121.0
166 113.4 86.2 160.0





#53
 m,p-Xylene
 Concen: 0.05 ug/L
 RT: 9.693 min Scan# 2598
 Delta R.T. -0.000 min
 Lab File: VU042085.D
 Acq: 15 Jan 2021 20:26

Tgt Ion:106 Resp: 714

Ion	Ratio	Lower	Upper
106	100		
91	203.0	145.7	270.5

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