

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041935.D
 Acq On : 11 Jan 2021 21:06
 Operator : SY/MD
 Sample : M1026-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXL6

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 11:52:47 AM

Quant Time: Jan 12 05:43:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48088	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.92	69	45085	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.58	63	67768	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.65	46	149481	61.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.94%
24) Chloroform-d	5.08	84	86133	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.72	65	49541	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.74	84	165997	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.70	67	54464	5.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.60%
41) Toluene-d8	7.90	98	139298	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.18	79	21643	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.64	63	122201	61.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47718	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51325	6.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	3537	2.258	ug/L	97
16) Methylene chloride	3.06	84	1808	0.179	ug/L	90
17) Methyl tert-butyl Ether	3.38	73	1710m	0.089	ug/L	
19) 1,1-Dichloroethane	3.89	63	841	0.057	ug/L #	50
25) Chloroform	5.10	83	5722	0.375	ug/L	83
29) 1,1,1-Trichloroethane	5.33	97	1184	0.090	ug/L #	59
34) Trichloroethene	6.56	95	3670	0.431	ug/L	94
47) Tetrachloroethene	8.56	164	881	0.149	ug/L	89

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

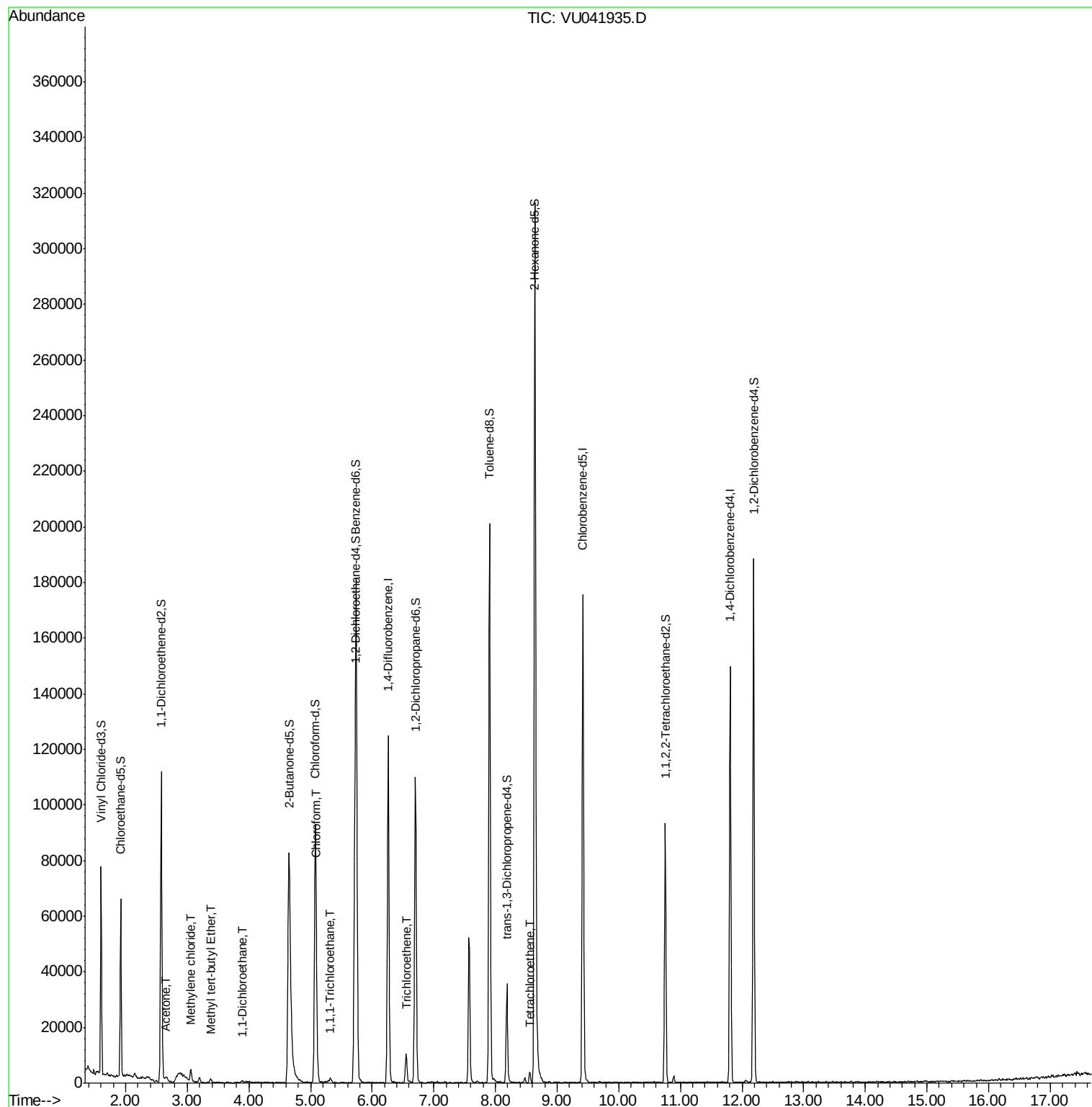
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011121\
Data File : VU041935.D
Acq On : 11 Jan 2021 21:06
Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
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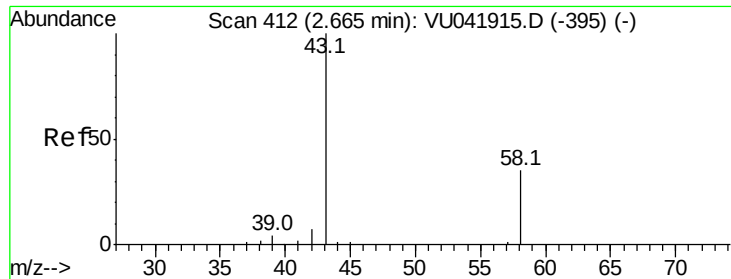
Instrument :
MSVOA_U
ClientSampleId :
BFXL6

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Quant Time: Jan 12 05:43:00 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.258 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU041935.D

Acq: 11 Jan 2021 21:06

Instrument :

MSVOA_U

ClientSampled :

BFXL6

Tot Ion: 43 Resp: 3537

Ion Ratio Lower Upper

43 100

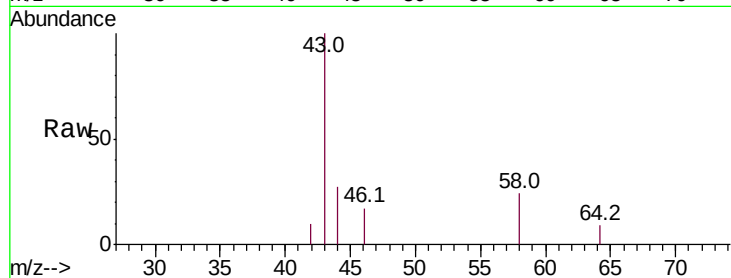
58 10.5 0.0 23.6

Manual Integrations

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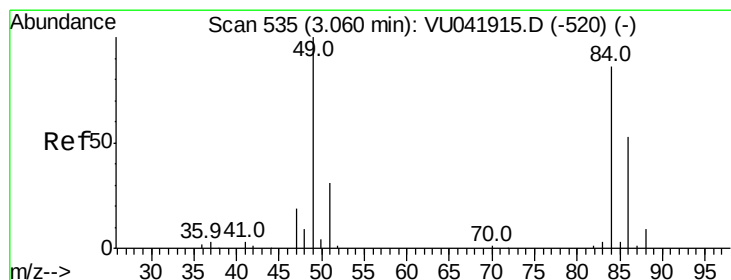
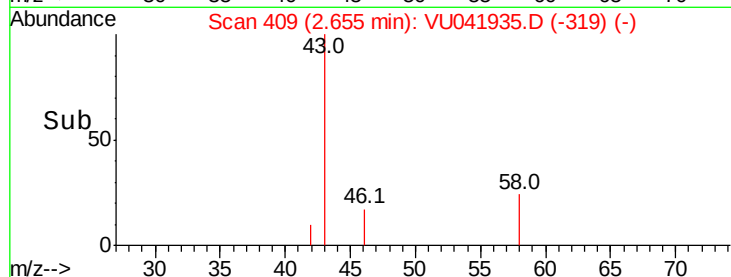
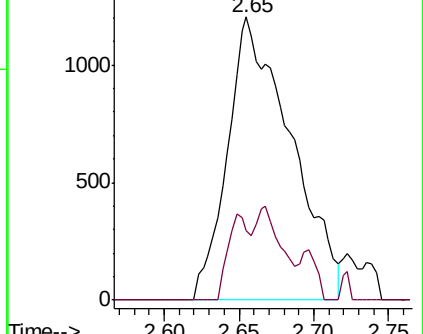
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041935.D

Acq: 11 Jan 2021 21:06

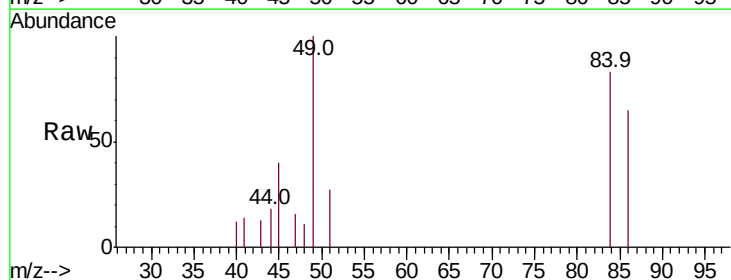
Tgt Ion: 84 Resp: 1808

Ion Ratio Lower Upper

84 100

86 78.4 43.5 80.7

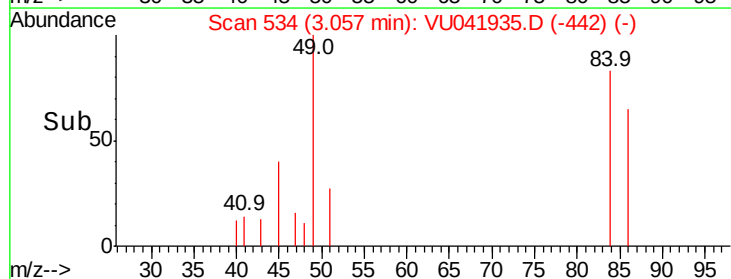
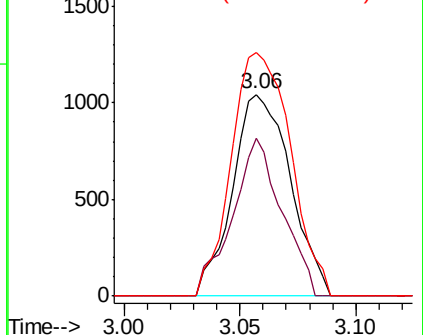
49 120.6 81.8 151.8

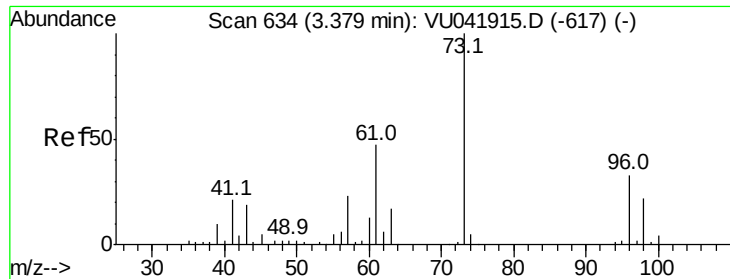


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





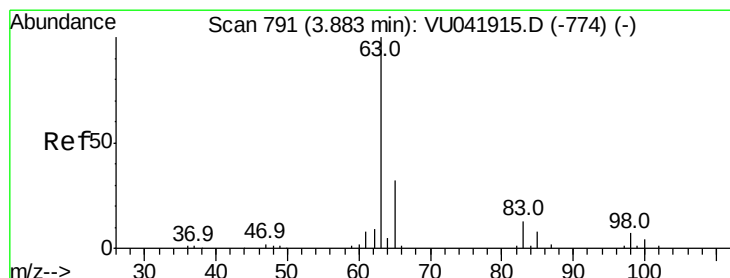
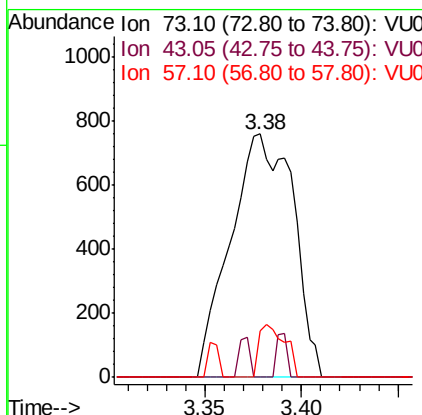
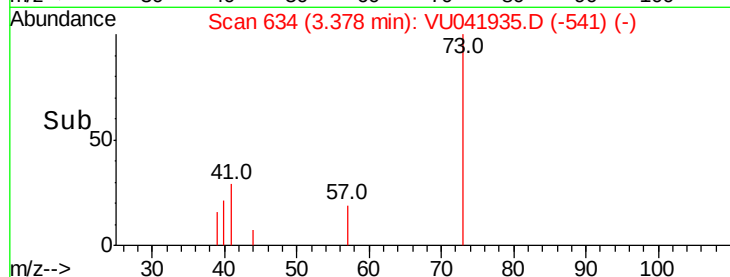
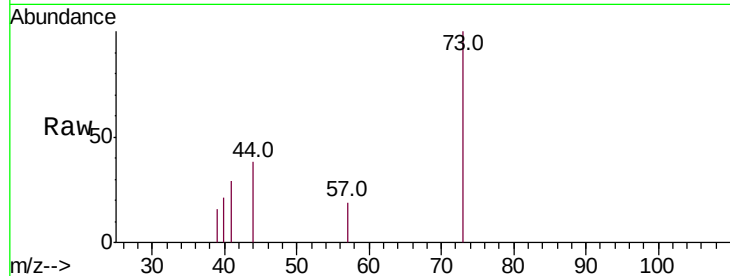
#17
Methyl tert-butyl Ether
Concen: 0.089 ug/L m
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041935.D
Acq: 11 Jan 2021 21:06

Instrument :
MSVOA_U
ClientSampled :
BFXL6

Tot Ion	Ratio	Lower	Upper
73	100		
43	2.7	15.8	23.8#
57	9.1	18.3	27.5#

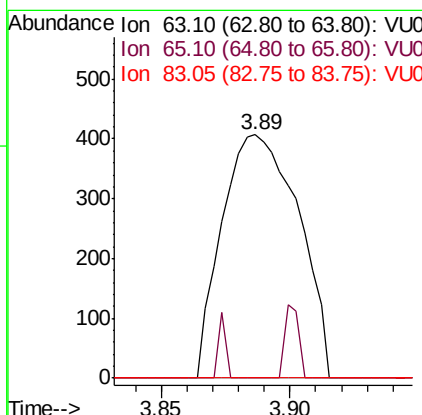
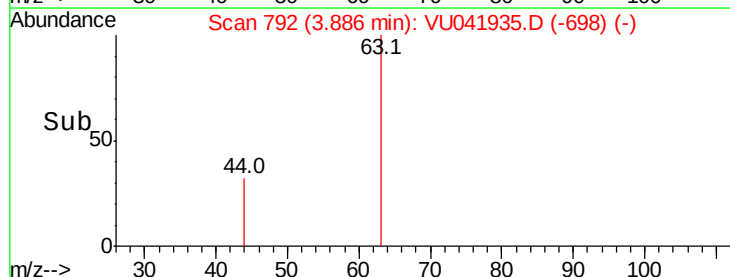
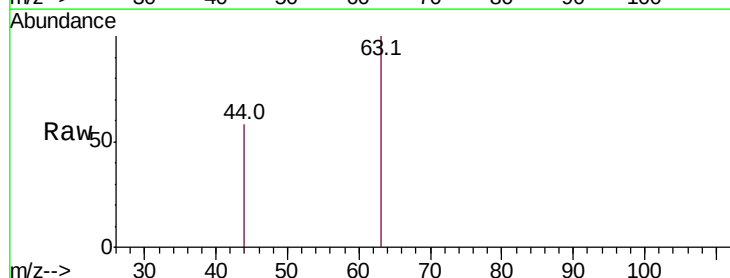
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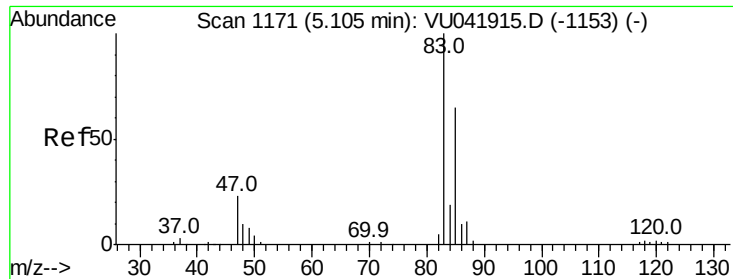
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#19
1,1-Dichloroethane
Concen: 0.057 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041935.D
Acq: 11 Jan 2021 21:06

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.3	41.5#
83	0.0	9.0	16.8#





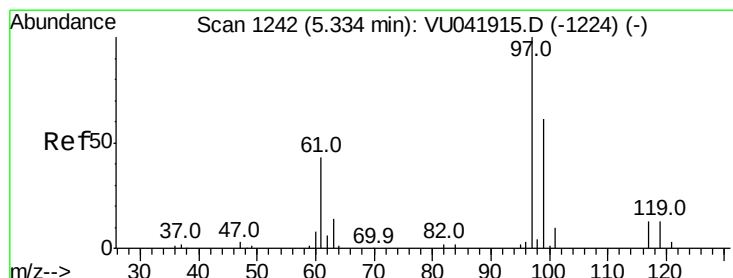
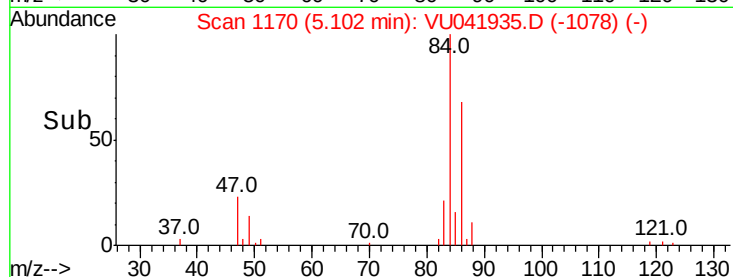
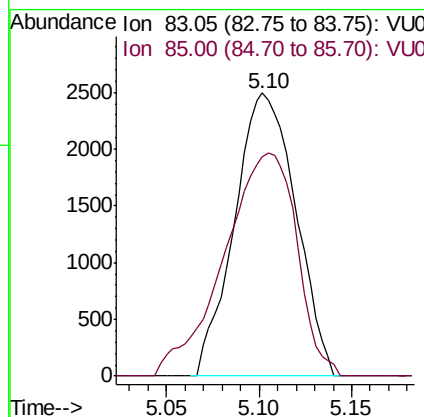
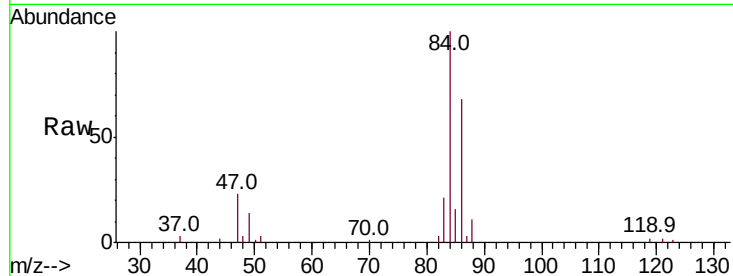
#25
Chloroform
Concen: 0.375 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041935.D
Acq: 11 Jan 2021 21:06

Instrument :
MSVOA_U
ClientSampled :
BFXL6

Tot Ion: 83 Resp: 5722
Ion Ratio Lower Upper
83 100
85 77.7 45.1 83.9

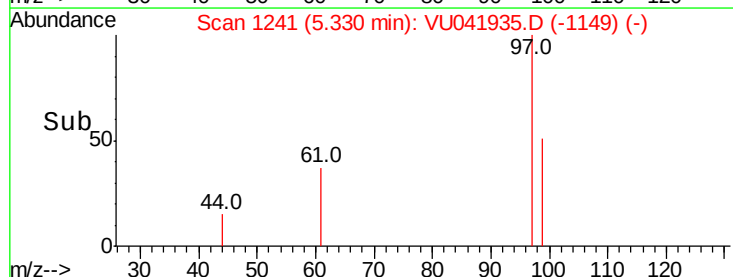
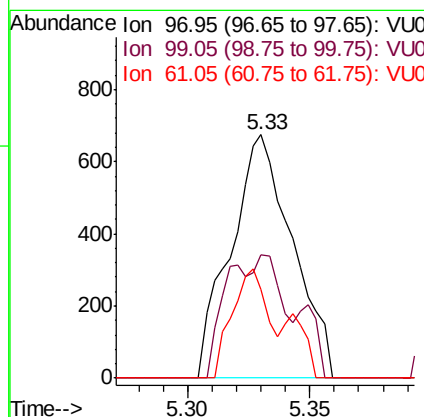
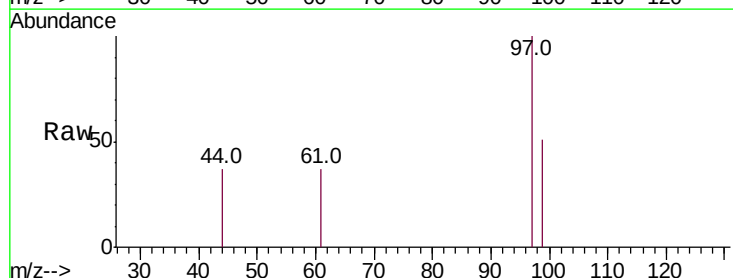
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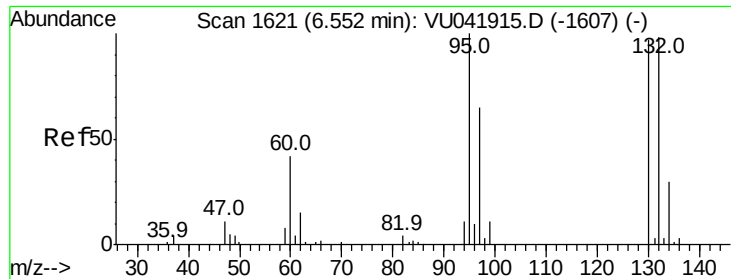
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#29
1,1,1-Trichloroethane
Concen: 0.090 ug/L
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU041935.D
Acq: 11 Jan 2021 21:06

Tgt Ion: 97 Resp: 1184
Ion Ratio Lower Upper
97 100
99 25.5 51.4 77.2#
61 26.2 35.3 52.9#





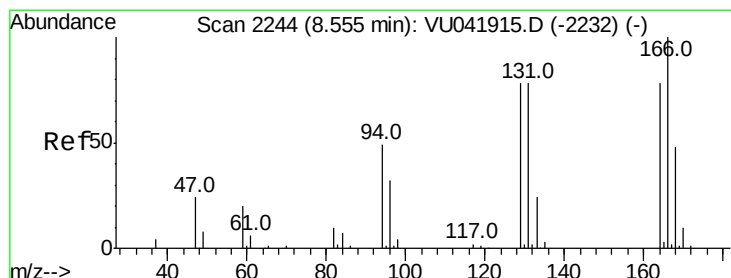
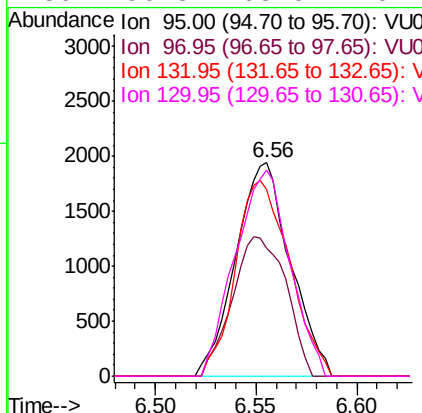
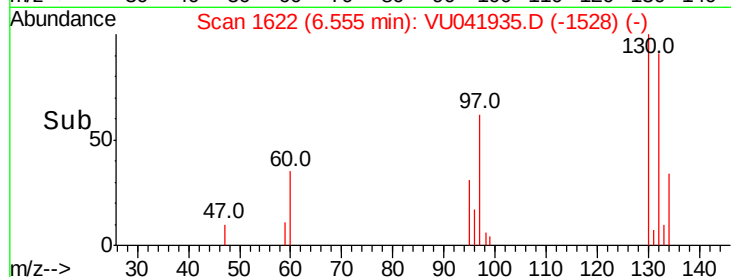
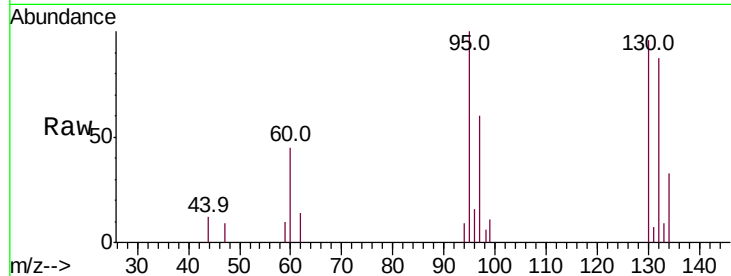
#34
 Trichloroethene
 Concen: 0.431 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041935.D
 Acq: 11 Jan 2021 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXL6

Tot Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.2	84.0
132	87.3	68.7	127.5
130	96.3	68.0	126.4

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 0.149 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041935.D
 Acq: 11 Jan 2021 21:06

Tgt Ion	Ratio	Lower	Upper
164	100		
129	81.9	69.2	128.6
131	83.4	69.7	129.5
166	130.7	89.2	165.8

