

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042141.D
 Acq On : 21 Jan 2021 11:23
 Operator : SY/MD
 Sample : M1164-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP8

Manual Integrations
 APPROVED

SAM
 1/25/2021 8:03:22 AM

Quant Time: Jan 22 02:45:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	118118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	55706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.600	65	33354	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.919	69	27741	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.571	63	60146	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.652	46	146447	52.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	5.073	84	73370	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.713	65	45796	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	137671	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.700	67	45896	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.906	98	125294	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloroprop...	8.189	79	22235	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	105652	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39619	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	49553	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	73656	6.62	ug/L	99
9) Trichlorofluoromethane	2.144	101	1271	0.10	ug/L	94
12) 1,1-Dichloroethene	2.584	96	6546	0.82	ug/L #	1
13) Acetone	2.671	43	4726m	2.55	ug/L	
17) Methyl tert-butyl Ether	3.372	73	6880	0.30	ug/L #	93
18) trans-1,2-Dichloroethene	3.359	96	1665	0.20	ug/L	97
19) 1,1-Dichloroethane	3.880	63	3247	0.21	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	27027	2.98	ug/L	94
25) Chloroform	5.092	83	2816	0.17	ug/L	97
31) Carbon tetrachloride	5.530	117	637	0.05	ug/L	83
33) Benzene	5.784	78	2243	0.07	ug/L	100
34) Trichloroethene	6.549	95	519607	59.63	ug/L	99
42) Toluene	7.976	91	3499	0.10	ug/L	96
47) Tetrachloroethene	8.562	164	88673	12.24	ug/L	99
53) m,p-Xylene	9.703	106	1347	0.09	ug/L	85

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

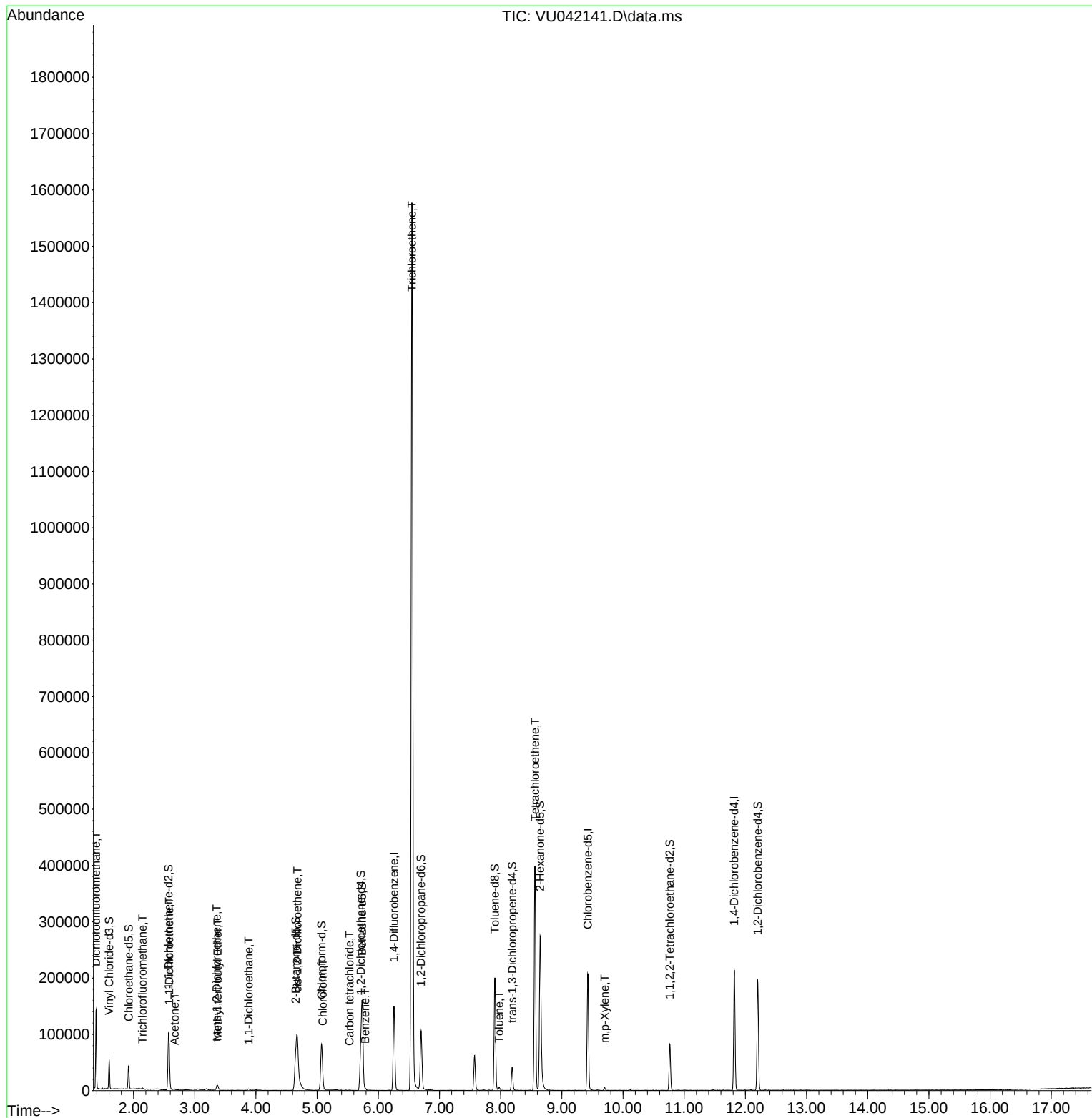
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
Data File : VU042141.D
Acq On : 21 Jan 2021 11:23
Operator : SY/MD
Sample : M1164-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

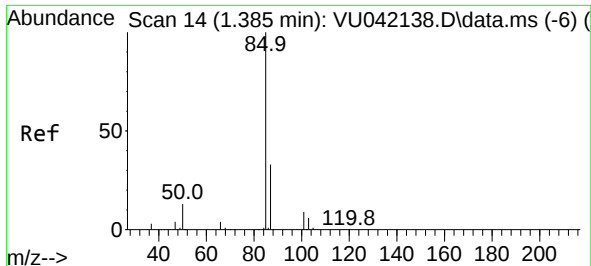
Instrument :
MSVOA_U
ClientSampleId :
BFXP8

Manual Integrations
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Quant Time: Jan 22 02:45:11 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 22 02:43:44 2021
Response via : Initial Calibration





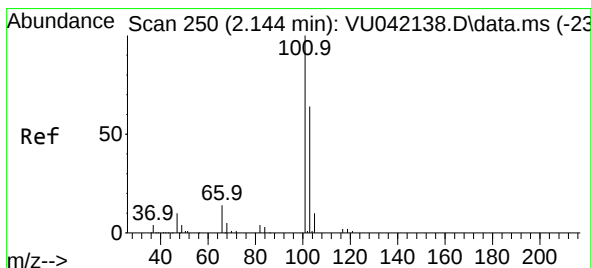
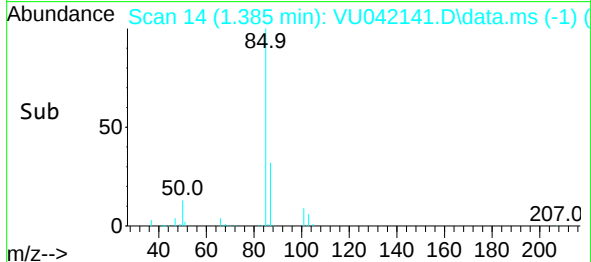
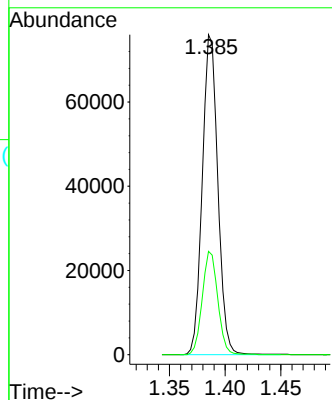
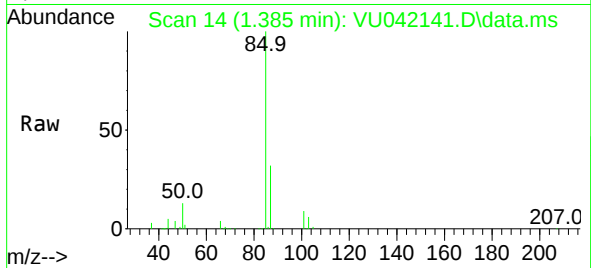
#2
Dichlorodifluoromethane
Concen: 6.62 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

Tgt Ion: 85 Resp: 73656
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1

Instrument :
MSVOA_U
ClientSampleId :
BFXP8

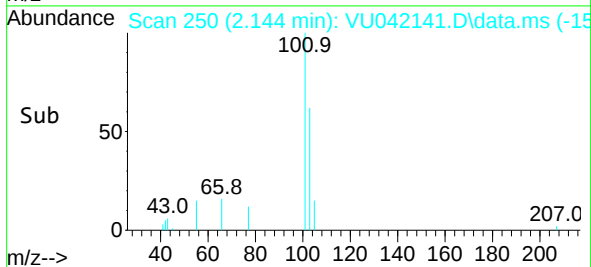
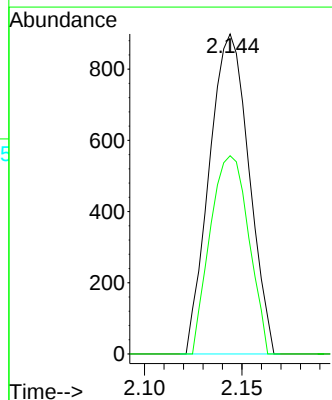
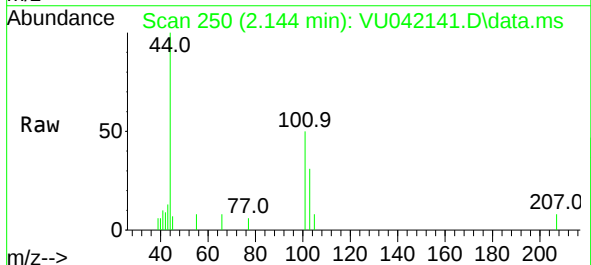
Manual Integrations
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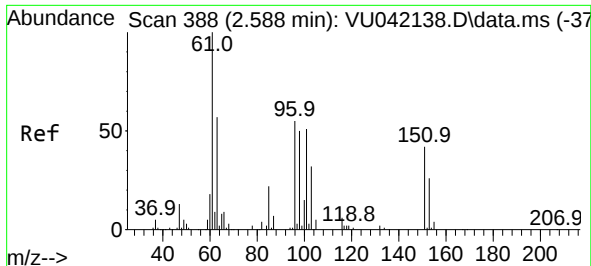
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#9
Trichlorofluoromethane
Concen: 0.10 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

Tgt Ion: 101 Resp: 1271
Ion Ratio Lower Upper
101 100
103 60.1 51.8 77.8





#12

1,1-Dichloroethene

Concen: 0.82 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU042141.D

Acq: 21 Jan 2021 11:23

Tgt Ion: 96 Resp: 6546

Ion Ratio Lower Upper

96 100

61 217.3 126.2 234.4

63 531.8 77.8 144.4#

Instrument :

MSVOA_U

ClientSampleId :

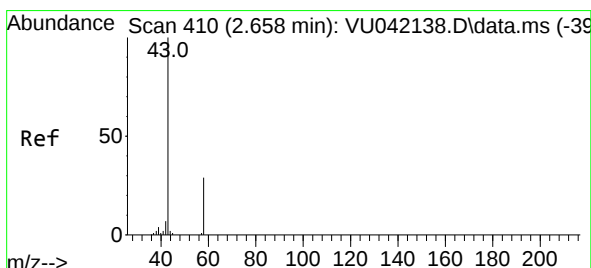
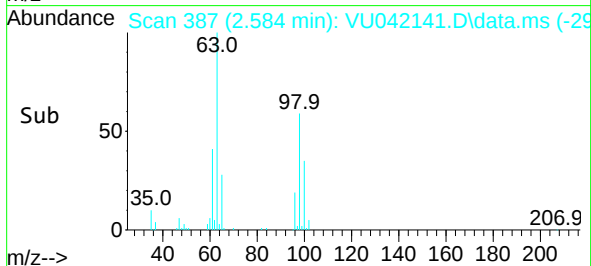
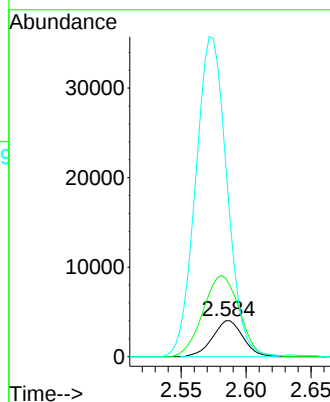
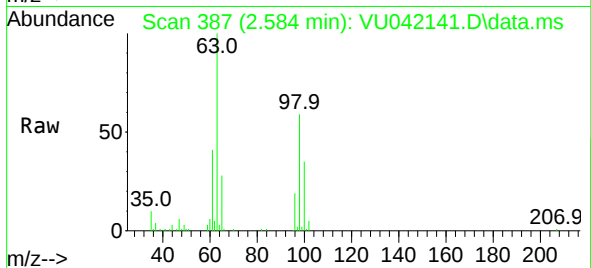
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#13

Acetone

Concen: 2.55 ug/L m

RT: 2.671 min Scan# 414

Delta R.T. 0.013 min

Lab File: VU042141.D

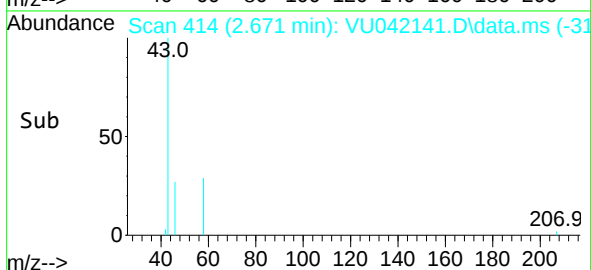
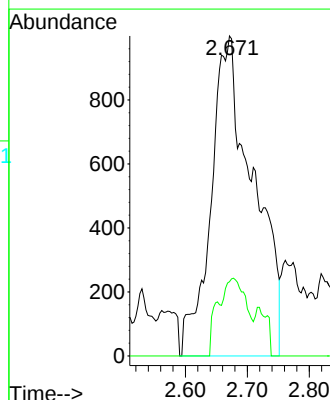
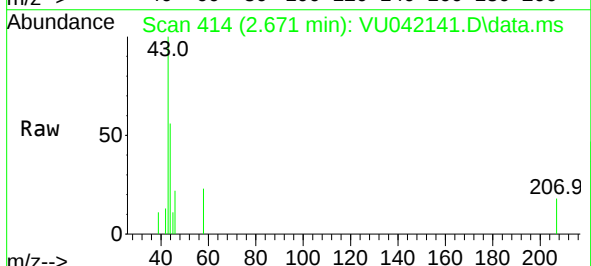
Acq: 21 Jan 2021 11:23

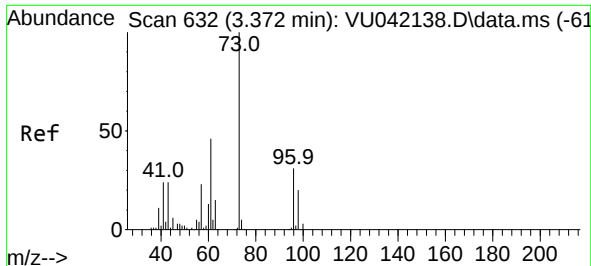
Tgt Ion: 43 Resp: 4726

Ion Ratio Lower Upper

43 100

58 12.7 0.0 55.8





#17

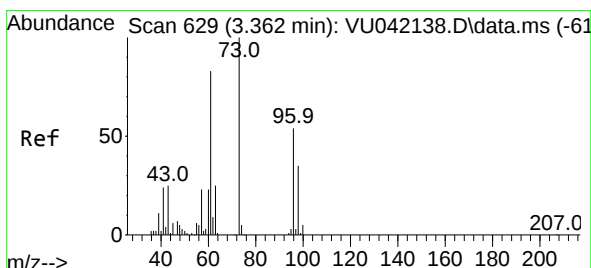
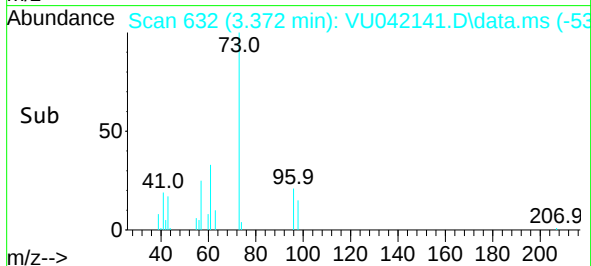
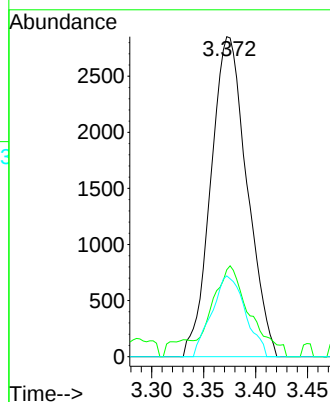
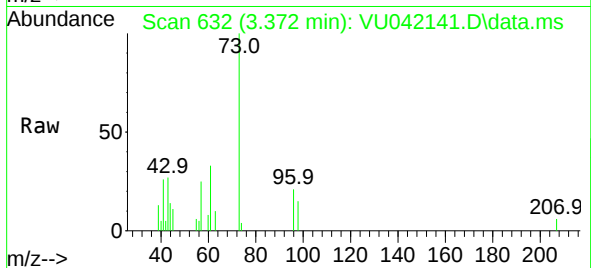
Methyl tert-butyl Ether
Concen: 0.30 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

Tgt Ion: 73	Resp: 6880
Ion Ratio	Lower Upper
73 100	
43 29.2	18.9 28.3#
57 23.5	18.2 27.4

Instrument :
MSVOA_U
ClientSampled :
BFXP8

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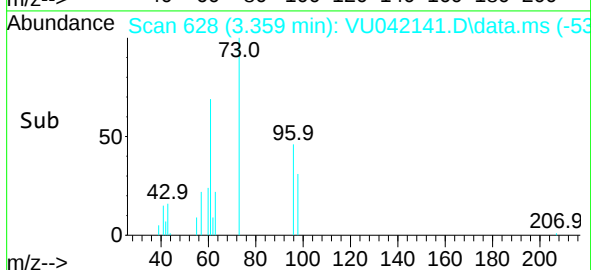
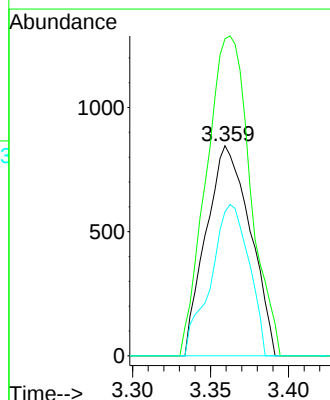
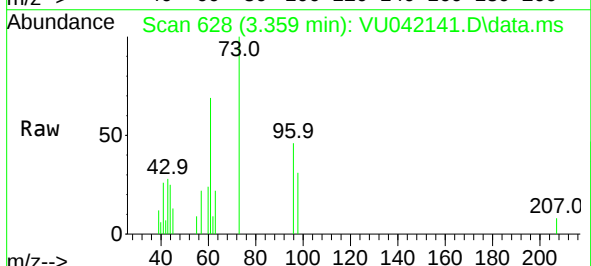
SAM
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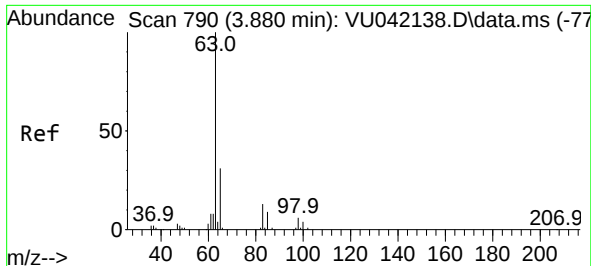


#18

trans-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

Tgt Ion: 96	Resp: 1665		
Ion Ratio	Lower	Upper	
96 100			
61 150.9	105.7	196.3	
98 68.7	42.8	79.6	





#19

1,1-Dichloroethane

Concen: 0.21 ug/L

RT: 3.880 min Scan# 790

Delta R.T. -0.000 min

Lab File: VU042141.D

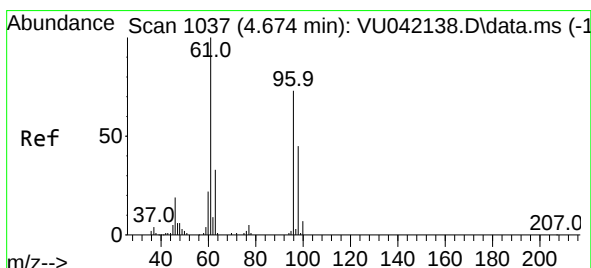
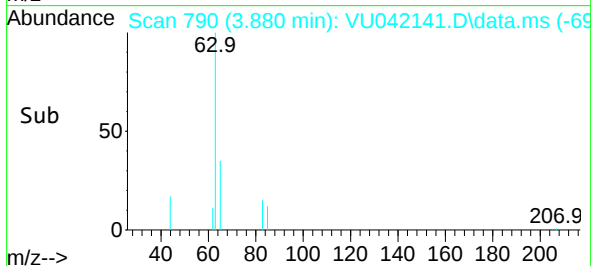
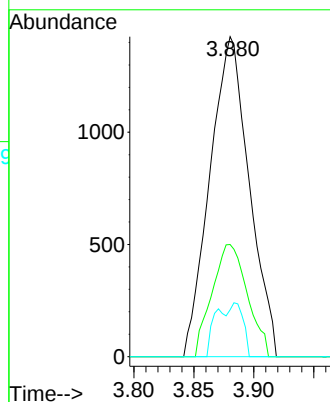
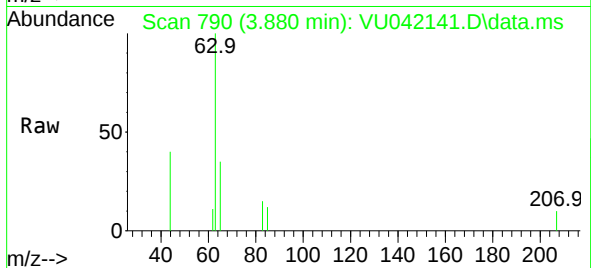
Acq: 21 Jan 2021 11:23

Tgt Ion:	63	Resp:	3247
Ion Ratio	Lower	Upper	
63	100		
65	35.1	22.5	41.9
83	14.7	10.1	18.7

Instrument :
MSVOA_U
ClientSampled :
BFXP8

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 2.98 ug/L

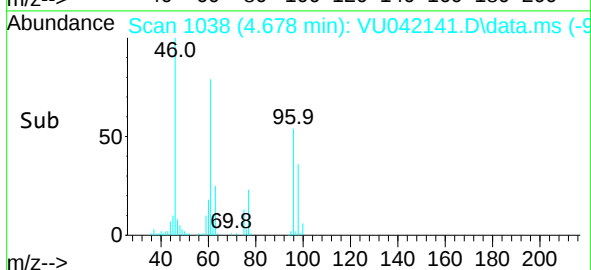
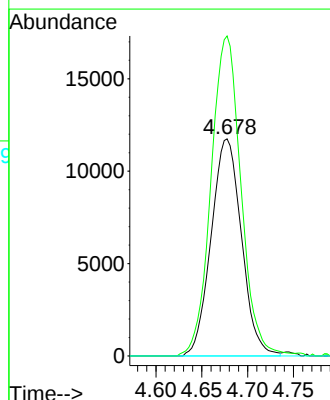
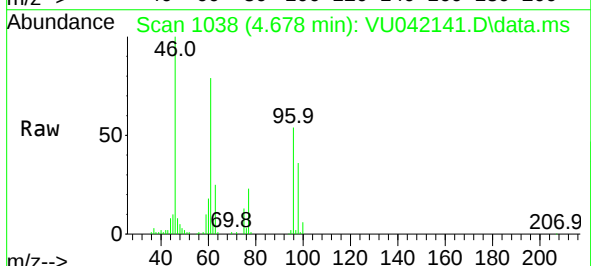
RT: 4.678 min Scan# 1038

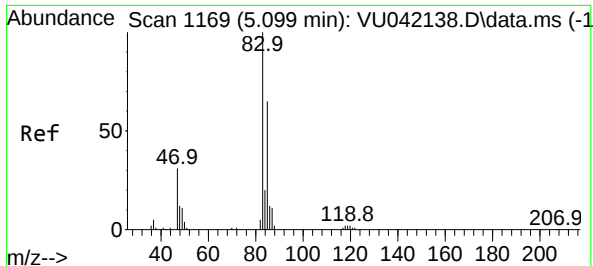
Delta R.T. 0.003 min

Lab File: VU042141.D

Acq: 21 Jan 2021 11:23

Tgt Ion:	96	Resp:	27027
Ion Ratio	Lower	Upper	
96	100		
61	147.3	97.8	181.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.17 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VU042141.D

Acq: 21 Jan 2021 11:23

Tgt Ion: 83 Resp: 2816

Ion Ratio Lower Upper

83 100

85 67.4 45.7 84.9

Instrument :

MSVOA_U

ClientSampled :

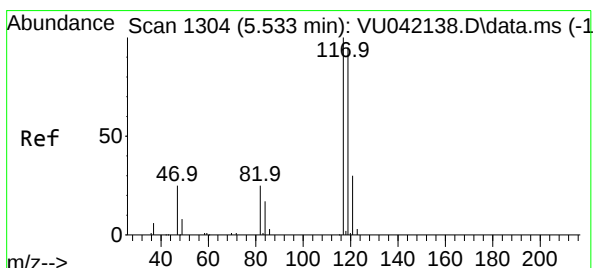
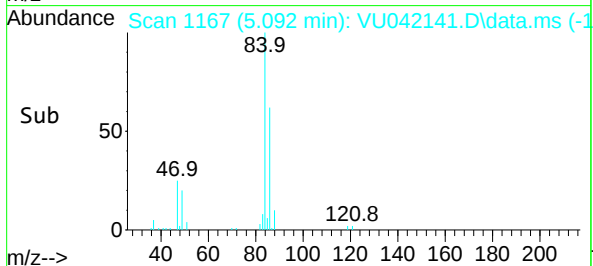
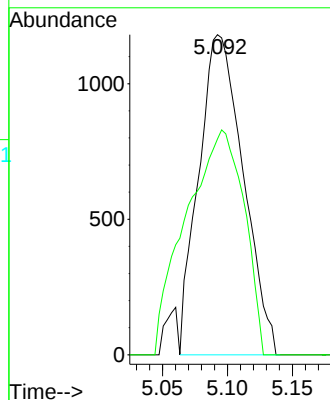
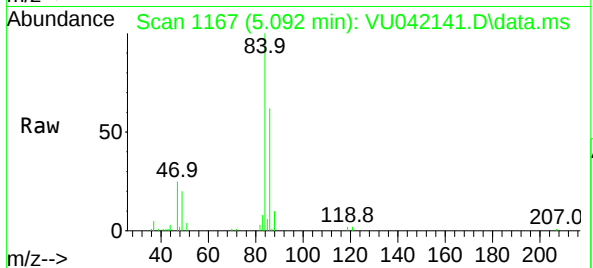
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#31

Carbon tetrachloride

Concen: 0.05 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU042141.D

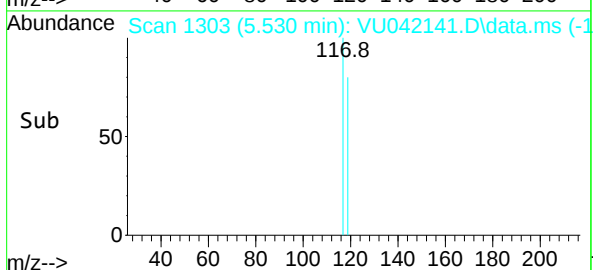
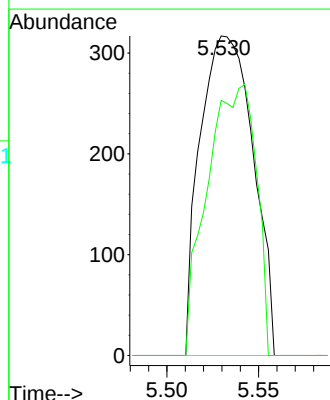
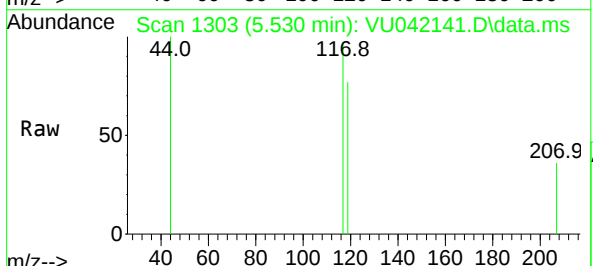
Acq: 21 Jan 2021 11:23

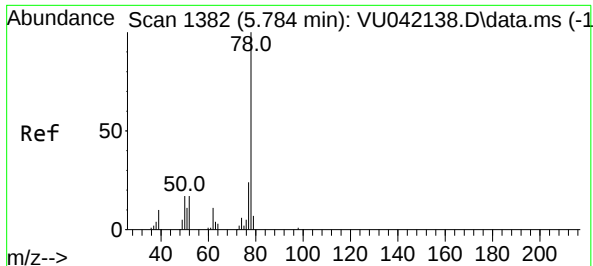
Tgt Ion: 117 Resp: 637

Ion Ratio Lower Upper

117 100

119 78.5 76.2 114.4





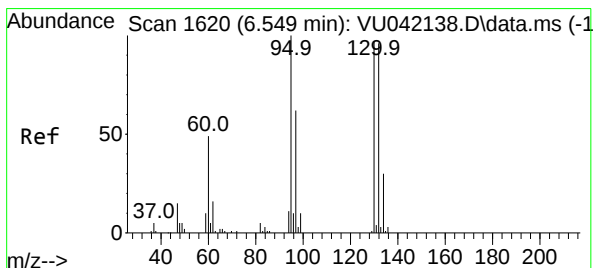
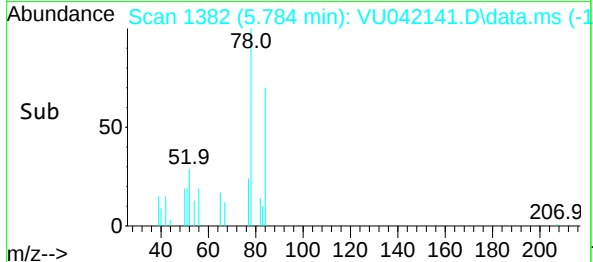
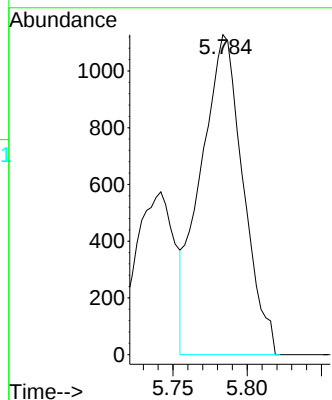
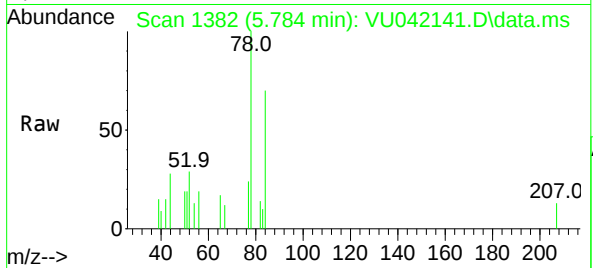
#33
Benzene
Concen: 0.07 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

Tgt Ion: 78 Resp: 2243

Instrument :
MSVOA_U
ClientSampled :
BFXP8

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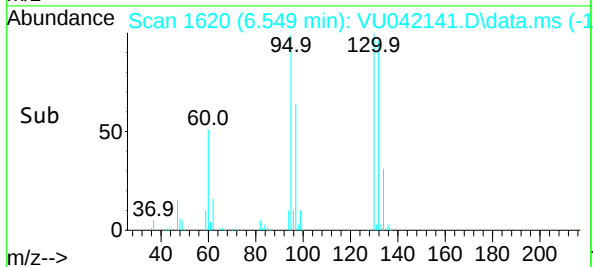
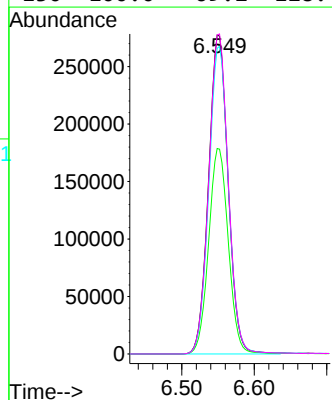
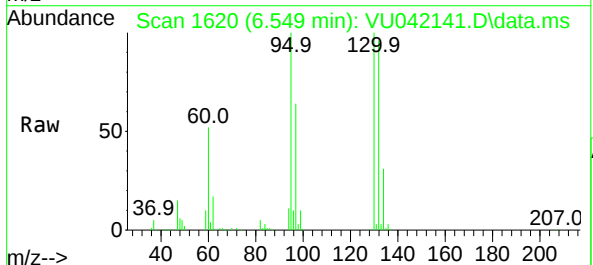
SAM
1/25/2021 8:03:22 AM

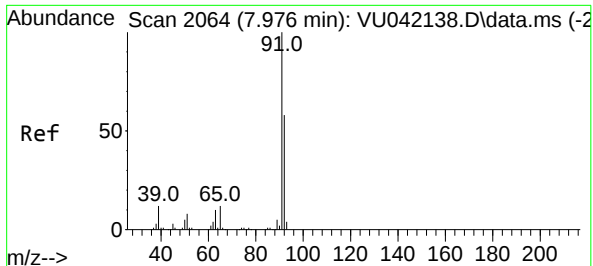


#34
Trichloroethene
Concen: 59.63 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

Tgt Ion: 95 Resp: 519607

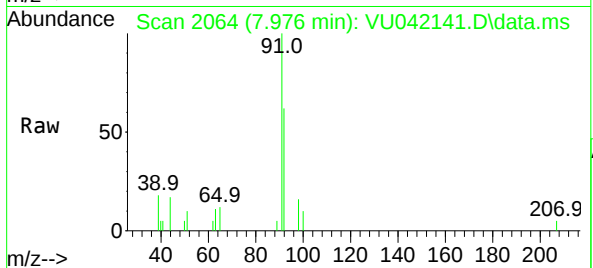
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.4
132	95.8	68.0	126.4
130	100.0	69.2	128.4





#42
Toluene
Concen: 0.10 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23

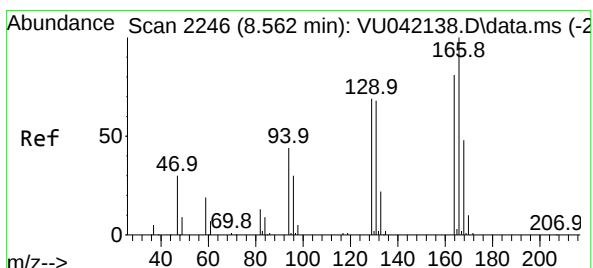
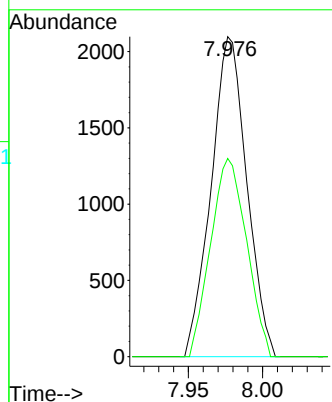
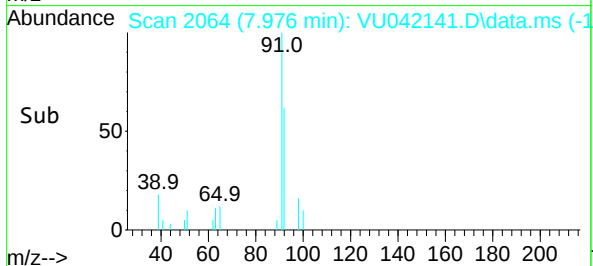
Instrument :
MSVOA_U
ClientSampled :
BFXP8



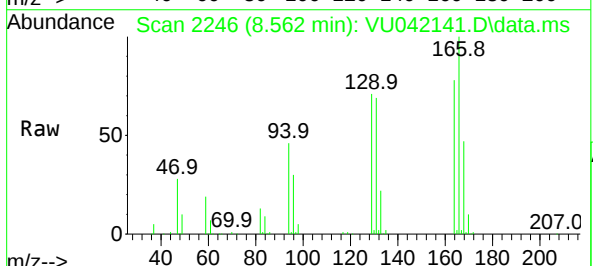
Tgt Ion: 91 Resp: 3499
Ion Ratio Lower Upper
91 100
92 62.0 41.2 76.6

Manual Integrations
APPROVED

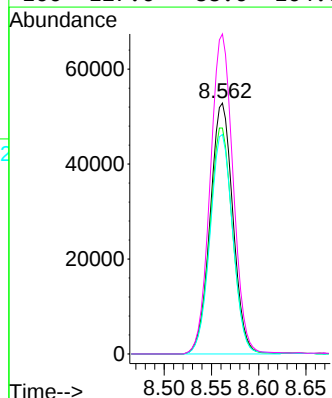
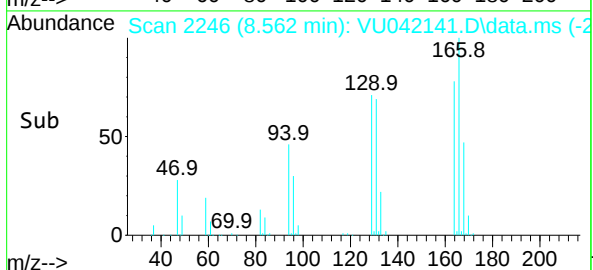
SAM
1/25/2021 8:03:22 AM

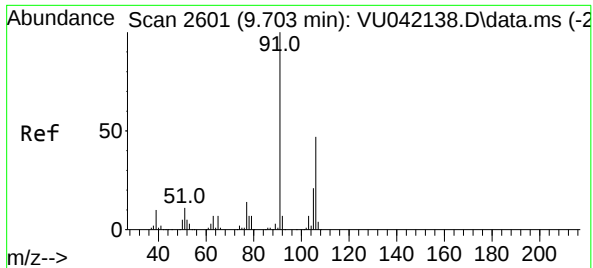


#47
Tetrachloroethene
Concen: 12.24 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042141.D
Acq: 21 Jan 2021 11:23



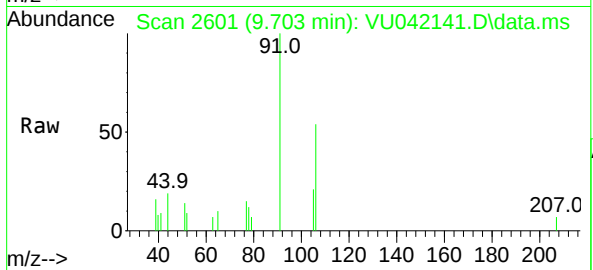
Tgt Ion: 164 Resp: 88673
Ion Ratio Lower Upper
164 100
129 90.1 64.3 119.5
131 87.5 62.2 115.6
166 127.6 88.6 164.6





#53
 m,p-Xylene
 Concen: 0.09 ug/L
 RT: 9.703 min Scan# 2601
 Delta R.T. -0.000 min
 Lab File: VU042141.D
 Acq: 21 Jan 2021 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP8



Tgt Ion:106 Resp: 1347
 Ion Ratio Lower Upper
 106 100
 91 183.5 145.1 269.5

Manual Integrations
 APPROVED

SAM
 1/25/2021 8:03:22 AM

