

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
 Data File : VU027783.D
 Acq On : 24 Oct 2018 14:11
 Operator : MD/SY
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:26:52 AM

Quant Time: Oct 25 06:37:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 25 04:31:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	39781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	39360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	15401	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.68	69	11479	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.28	63	22789	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.21	46	49841	50.55	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.10%
24) Chloroform-d	4.65	84	27296	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	16514	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.34	84	51871	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	18574	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.57	98	49397	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	7100	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.32	63	40996	49.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13529	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	17862	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	988	0.256 ug/L	96
3) Chloromethane	1.33	50	1081	0.250 ug/L	90
5) Vinyl chloride	1.40	62	1213	0.291 ug/L #	72
6) Bromomethane	1.63	94	563	0.263 ug/L	97
8) Chloroethane	1.71	64	523	0.232 ug/L #	64
9) Trichlorofluoromethane	1.89	101	1455	0.264 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	893	0.321 ug/L	91
12) 1,1-Dichloroethene	2.29	96	849	0.327 ug/L #	1
13) Acetone	2.35	43	2858	4.021 ug/L	76
14) Carbon disulfide	2.48	76	2224	0.250 ug/L #	92
16) Methylene chloride	2.70	84	1256	0.411 ug/L	97
17) Methyl tert-butyl Ether	3.01	73	1869	0.225 ug/L #	94
18) trans-1,2-Dichloroethene	2.99	96	766	0.276 ug/L	93
19) 1,1-Dichloroethane	3.45	63	1643	0.267 ug/L #	95
21) 2-Butanone	4.31	43	2769m	2.374 ug/L	
22) cis-1,2-Dichloroethene	4.23	96	642	0.195 ug/L	82
25) Chloroform	4.68	83	1702	0.275 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.41	62	1252	0.274	ug/L #	79
29) 1,1,1-Trichloroethane	4.93	97	1378m	0.243	ug/L	
30) Cyclohexane	4.99	56	1522	0.240	ug/L #	91
31) Carbon tetrachloride	5.14	117	1060	0.218	ug/L	90
33) Benzene	5.39	78	3510	0.268	ug/L	100
34) Trichloroethene	6.19	95	846	0.250	ug/L	95
35) Methylcyclohexane	6.41	83	1502	0.265	ug/L	97
38) Bromodichloromethane	6.76	83	1118	0.244	ug/L #	88
39) cis-1,3-Dichloropropene	7.28	75	1185	0.215	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	6953	2.422	ug/L #	91
42) Toluene	7.64	91	3726	0.265	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	1160	0.250	ug/L	90
45) 1,1,2-Trichloroethane	8.07	97	423	0.182	ug/L #	78
47) Tetrachloroethene	8.22	164	637	0.231	ug/L	93
48) 2-Hexanone	8.37	43	5918	2.901	ug/L #	97
49) Dibromochloromethane	8.48	129	661	0.224	ug/L	99
50) 1,2-Dibromoethane	8.59	107	503	0.223	ug/L #	85
51) Chlorobenzene	9.12	112	2266	0.261	ug/L	97
52) Ethylbenzene	9.25	91	4077	0.250	ug/L	91
53) m,p-xylene	9.38	106	1443	0.249	ug/L	90
54) o-xylene	9.78	106	1395	0.247	ug/L	77
55) Styrene	9.80	104	2245	0.234	ug/L	93
56) Isopropylbenzene	10.17	105	3739	0.239	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	758m	0.249	ug/L	
59) 1,2,3-Trichloropropane	10.49	75	597m	0.247	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1830	0.272	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	1853	0.272	ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	1603	0.253	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	1296	0.240	ug/L #	92
68) 1,2,4-trichlorobenzene	13.51	180	1080	0.230	ug/L #	89
70) 1,2,3-Trichlorobenzene	13.99	180	943	0.218	ug/L	91

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

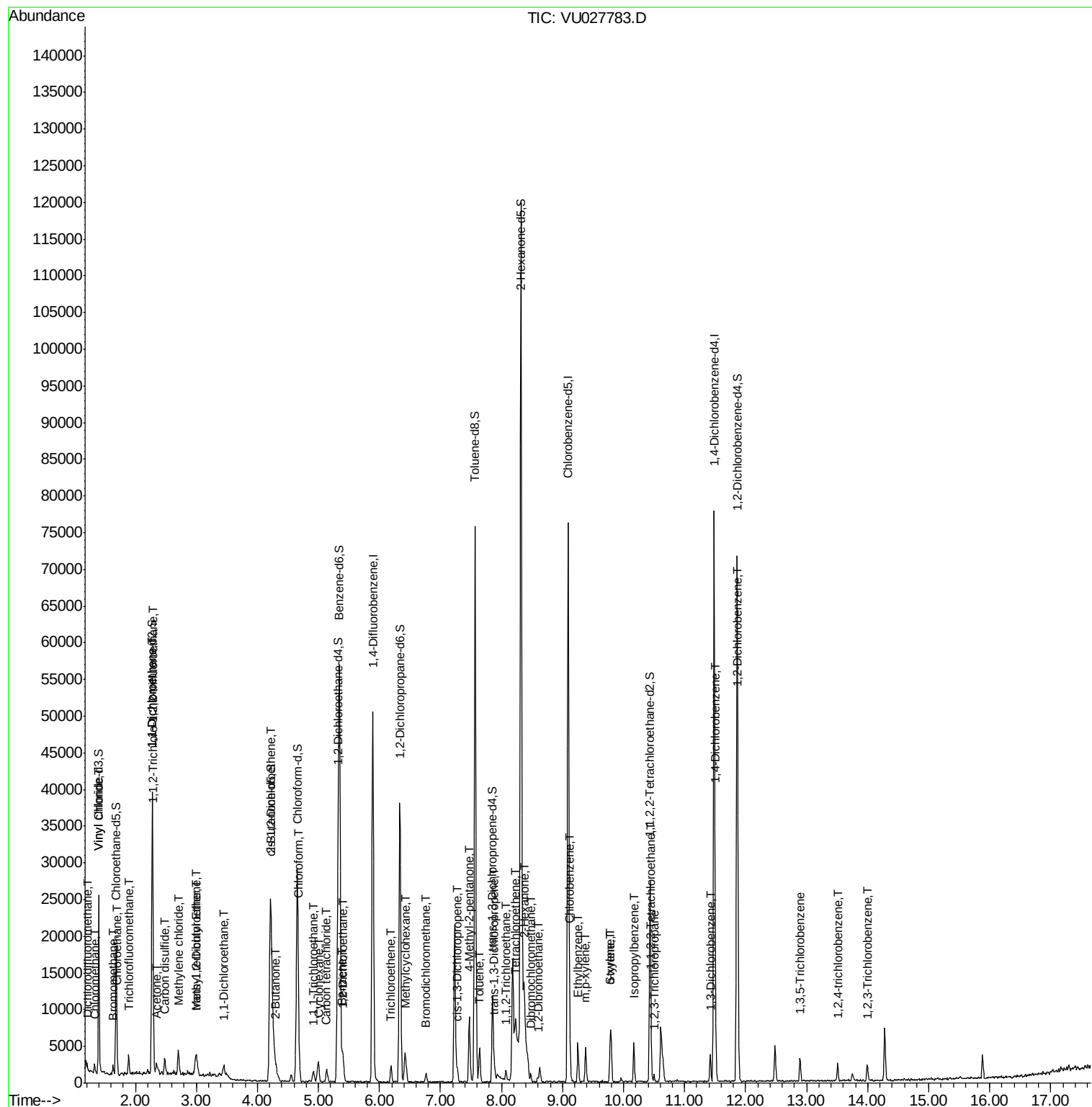
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
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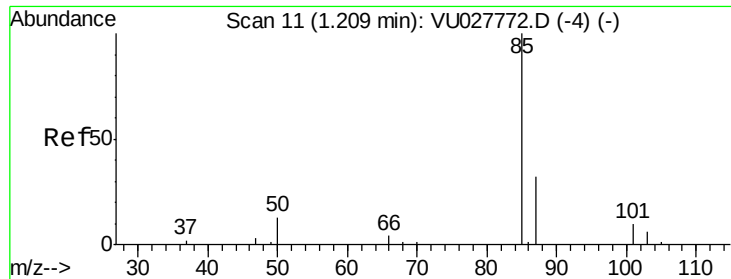
Instrument :
MSVOA_U
ClientSampleId :
MDL07

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#2

Dichlorodifluoromethane

Concen: 0.256 ug/L

RT: 1.21 min Scan# 11

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampled :

MDL07

Tgt Ion: 85 Resp: 988

Ion Ratio Lower Upper

85 100

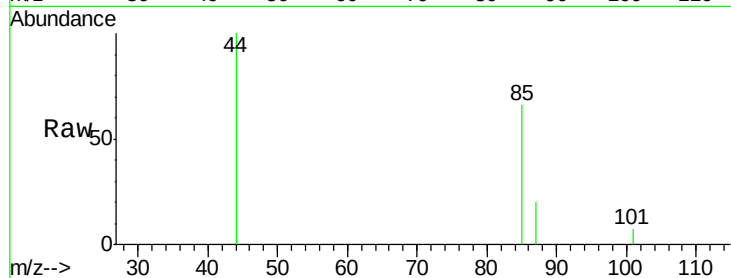
87 29.6 25.4 38.0

Manual Integrations

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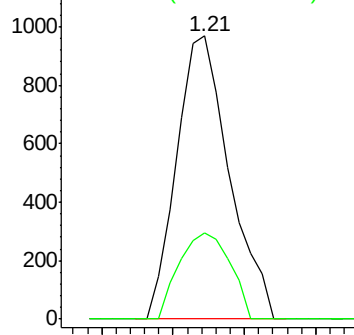
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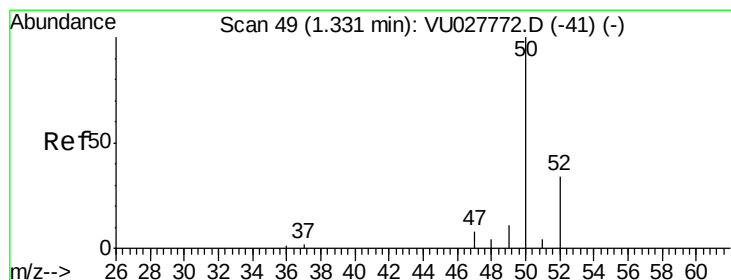
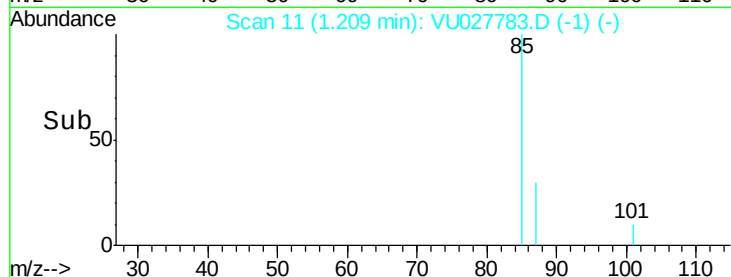


Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



Time-->



#3

Chloromethane

Concen: 0.250 ug/L

RT: 1.33 min Scan# 50

Delta R.T. 0.00 min

Lab File: VU027783.D

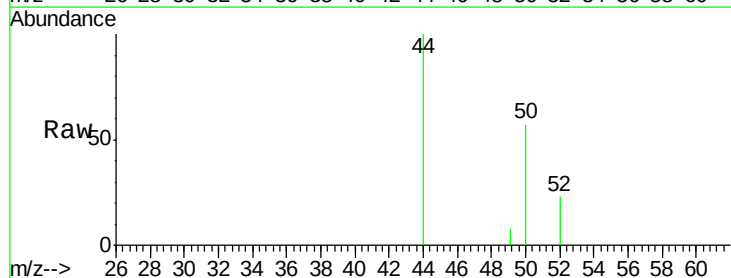
Acq: 24 Oct 2018 14:11

Tgt Ion: 50 Resp: 1081

Ion Ratio Lower Upper

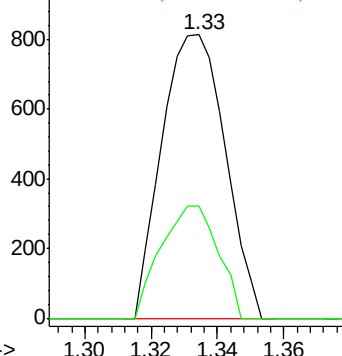
50 100

52 39.5 23.7 43.9

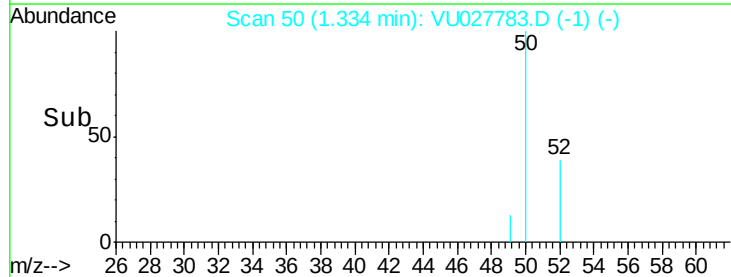


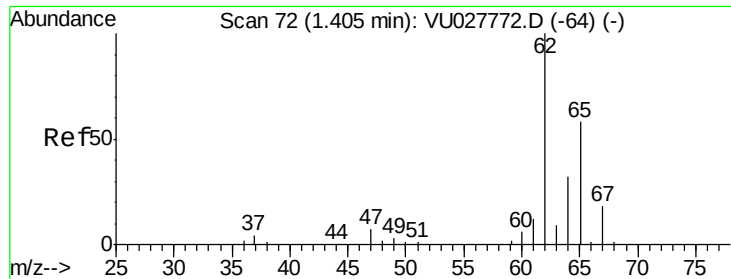
Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->





#5

Vinyl chloride

Concen: 0.291 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 62 Resp: 1213

Ion Ratio Lower Upper

62 100

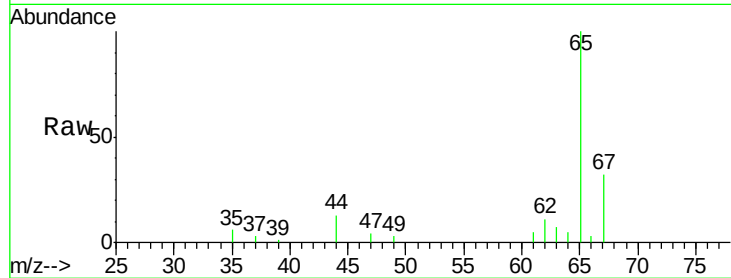
64 48.2 22.7 42.1#

Manual Integrations

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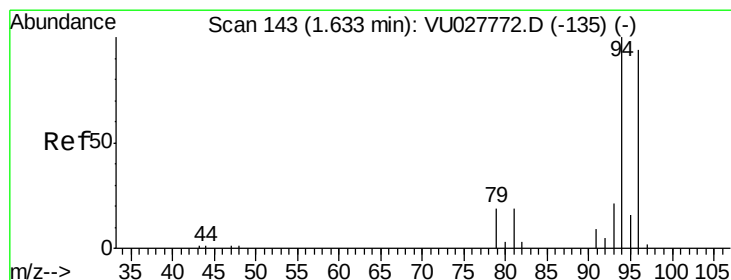
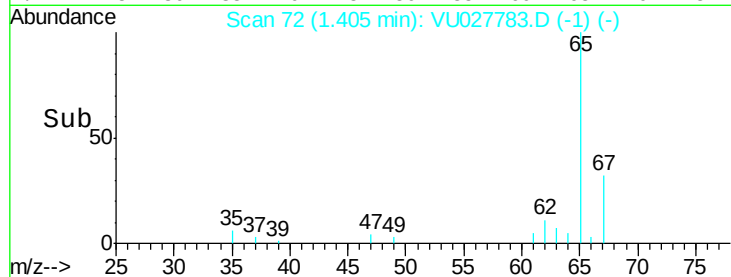
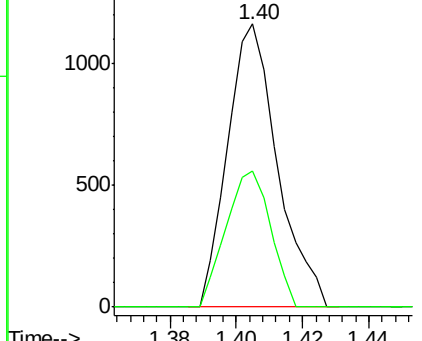
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Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 0.263 ug/L

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: VU027783.D

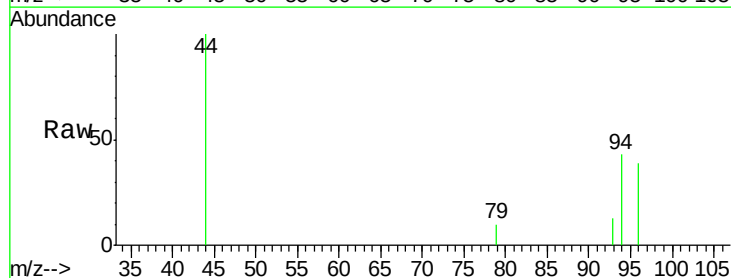
Acq: 24 Oct 2018 14:11

Tgt Ion: 94 Resp: 563

Ion Ratio Lower Upper

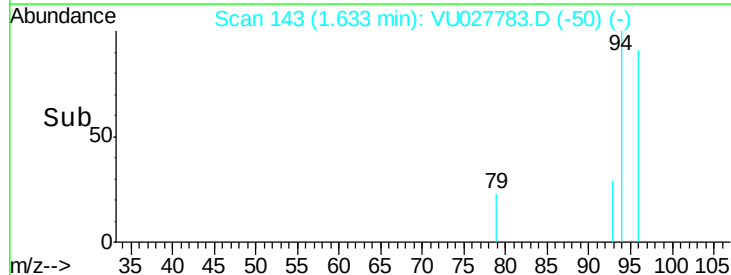
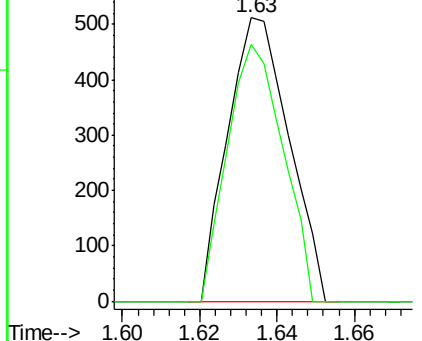
94 100

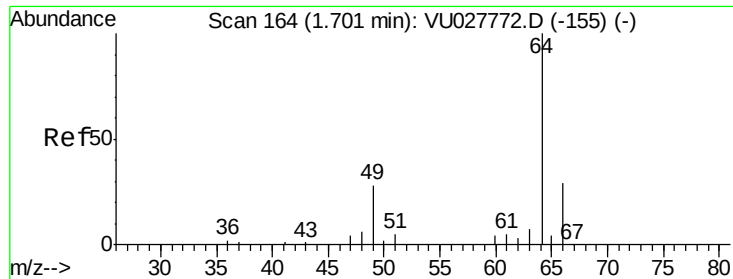
96 90.6 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





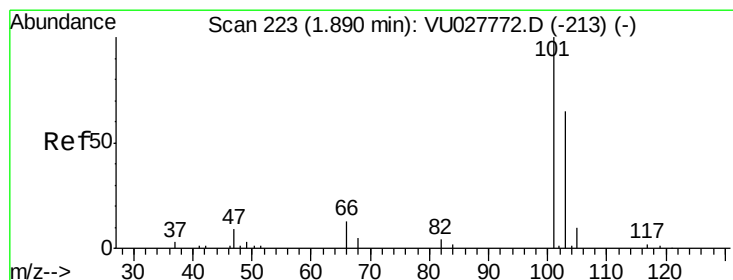
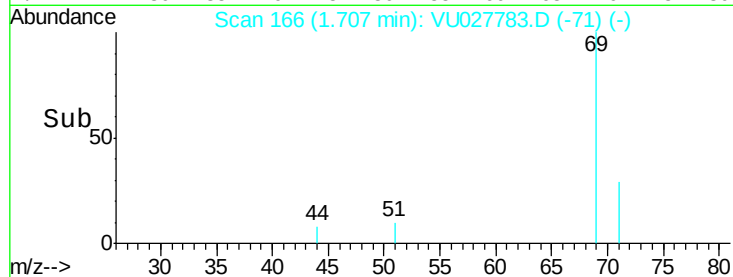
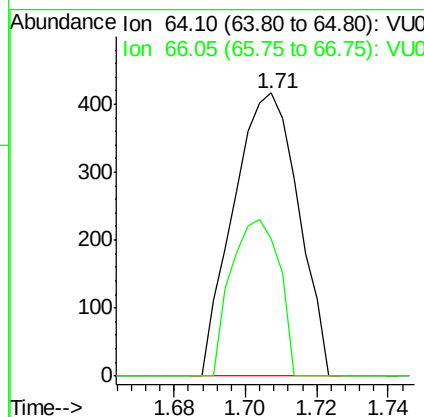
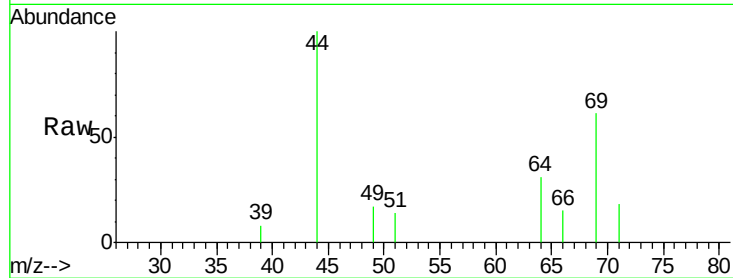
#8
Chloroethane
Concen: 0.232 ug/L
RT: 1.71 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Instrument :
MSVOA_U
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MDL07

Tgt Ion: 64 Resp: 523
Ion Ratio Lower Upper
64 100
66 48.4 20.3 37.7#

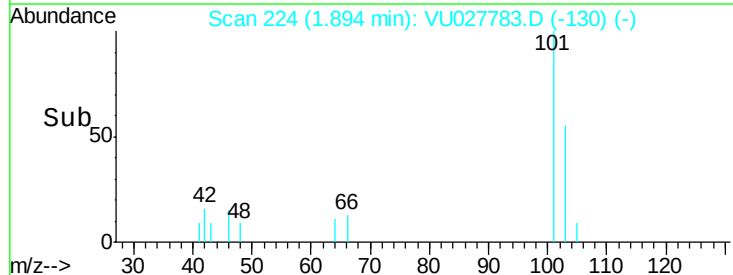
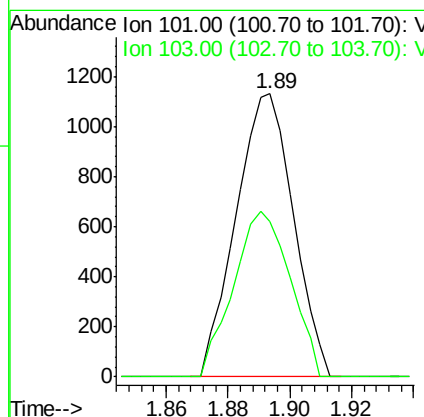
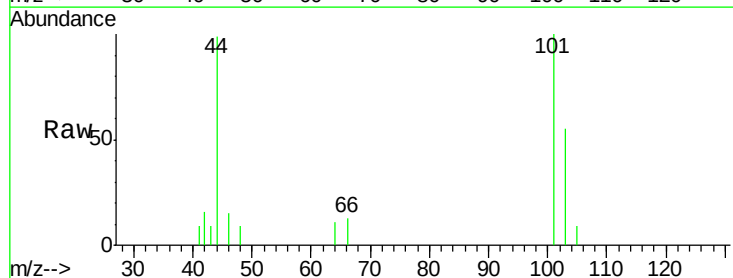
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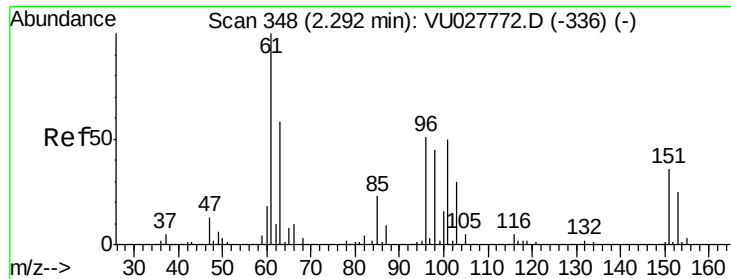
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#9
Trichlorofluoromethane
Concen: 0.264 ug/L
RT: 1.89 min Scan# 224
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Tgt Ion: 101 Resp: 1455
Ion Ratio Lower Upper
101 100
103 57.7 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.321 ug/L

RT: 2.30 min Scan# 349

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

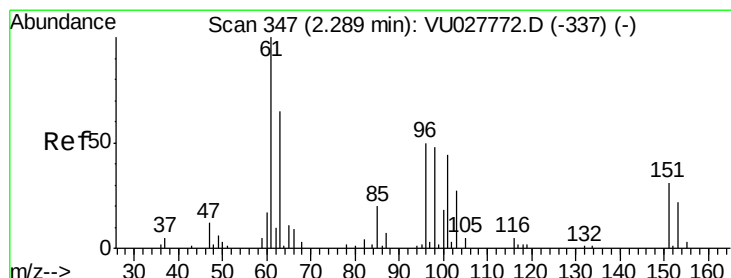
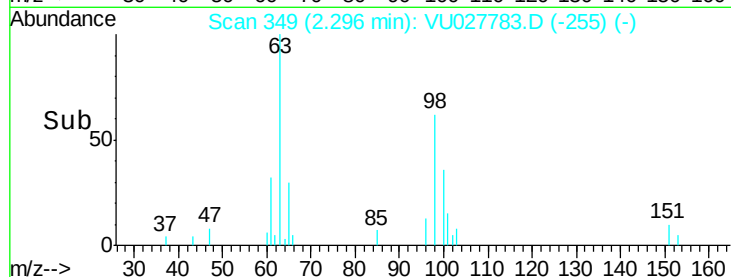
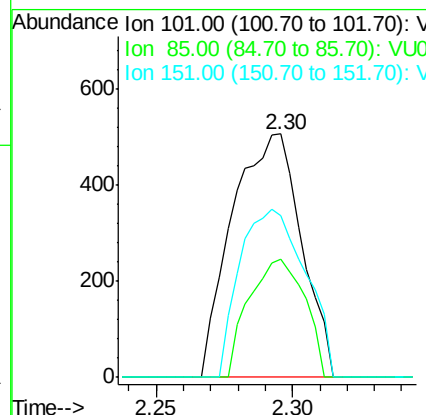
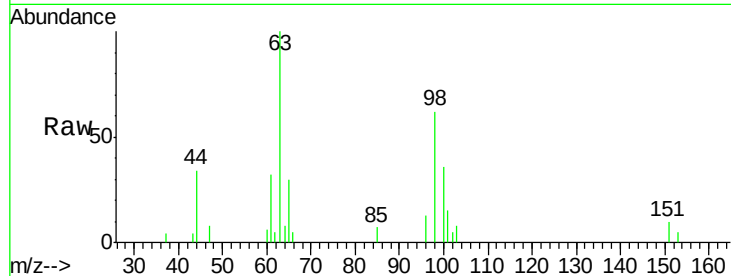
ClientSampleId :

MDL07

Tgt Ion:	101	Resp:	893
Ion Ratio	Lower	Upper	
101	100		
85	39.2	38.1	57.1
151	65.6	57.0	85.4

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#12

1,1-Dichloroethene

Concen: 0.327 ug/L

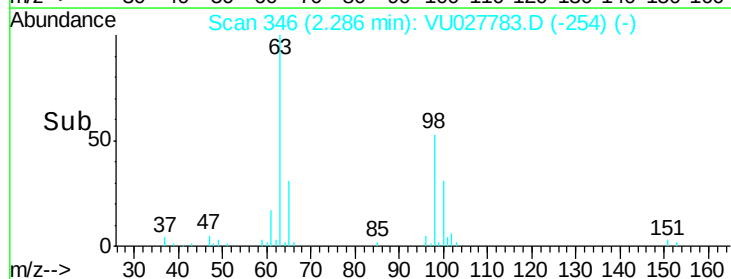
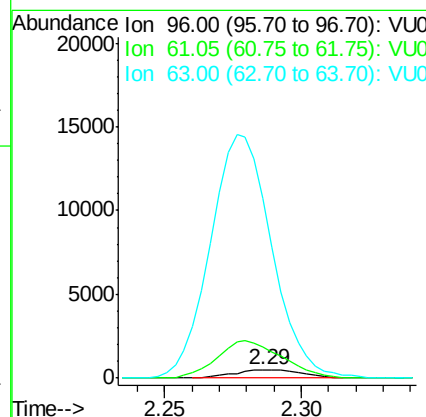
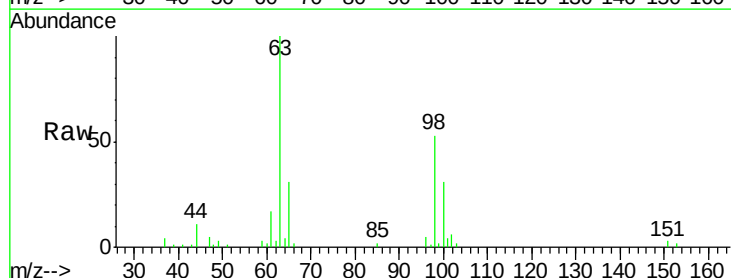
RT: 2.29 min Scan# 346

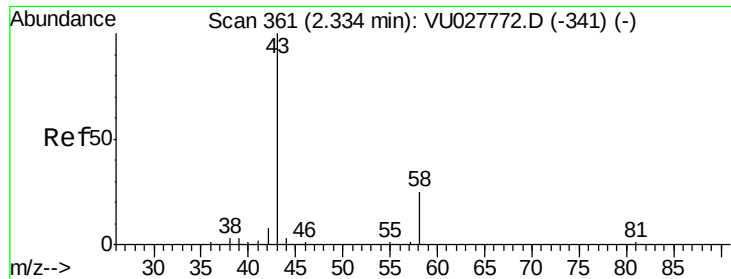
Delta R.T. -0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Tgt Ion:	96	Resp:	849
Ion Ratio	Lower	Upper	
96	100		
61	356.2	143.8	267.0#
63	2083.9	105.1	195.3#





#13

Acetone

Concen: 4.021 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.02 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 2858

Ion Ratio Lower Upper

43 100

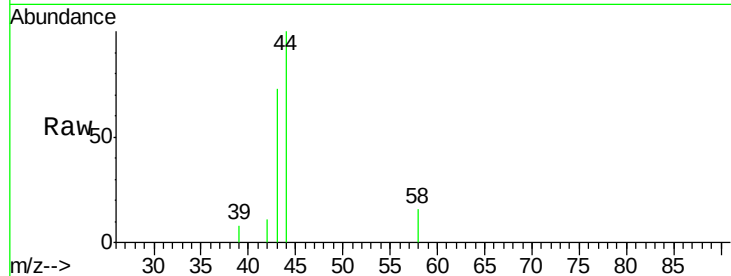
58 14.1 0.0 52.8

Manual Integrations

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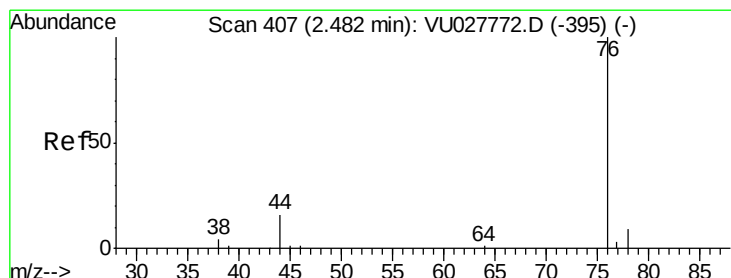
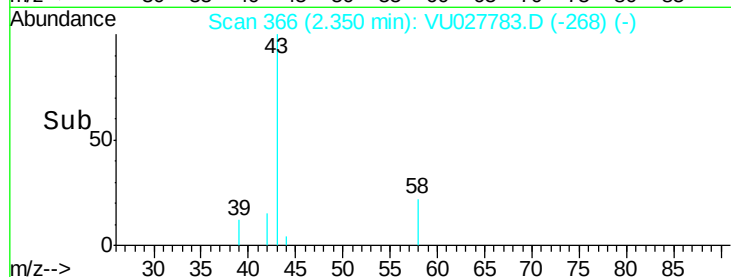
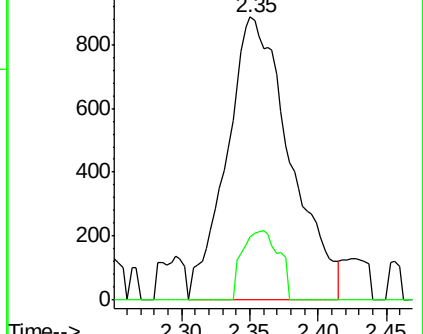
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.250 ug/L

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU027783.D

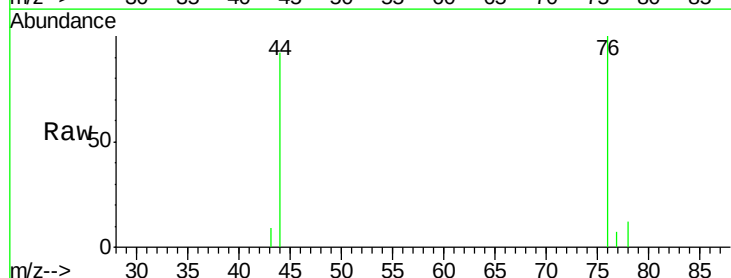
Acq: 24 Oct 2018 14:11

Tgt Ion: 76 Resp: 2224

Ion Ratio Lower Upper

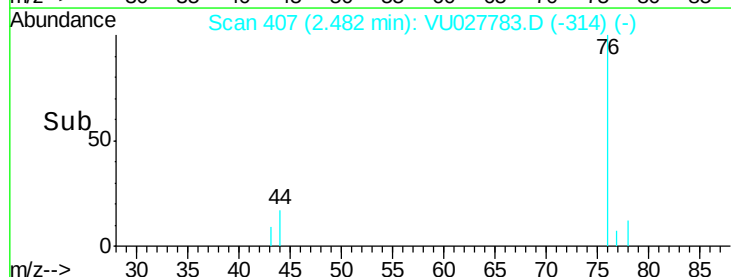
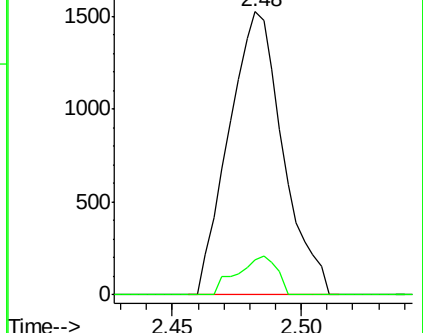
76 100

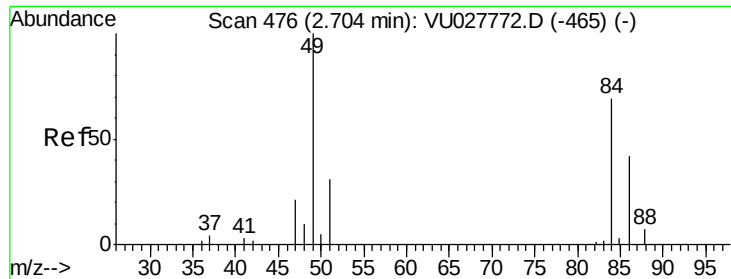
78 12.3 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0





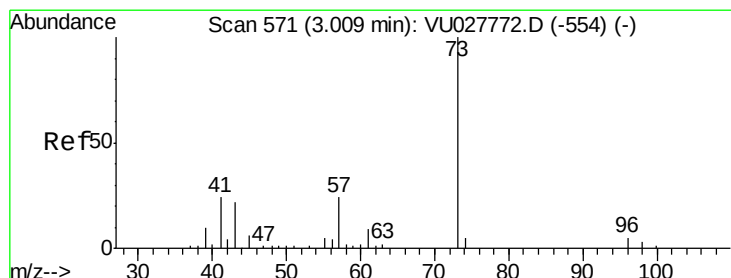
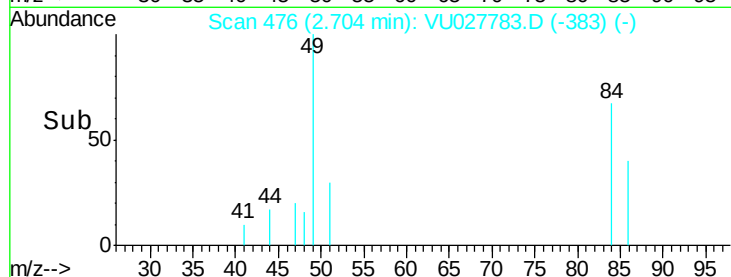
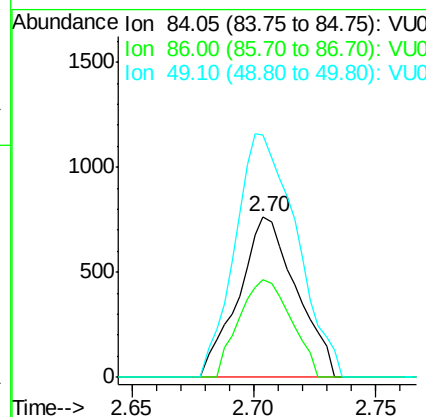
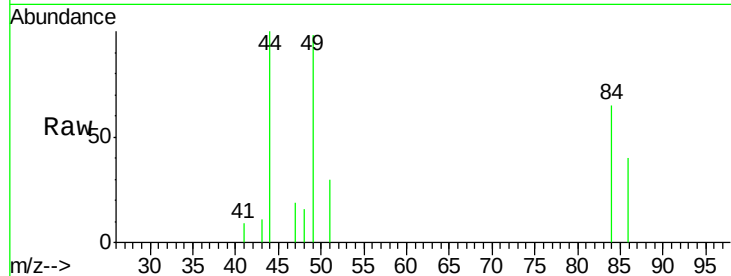
#16
Methylene chloride
Concen: 0.411 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 84 Resp: 1256
Ion Ratio Lower Upper
84 100
86 60.6 42.8 79.4
49 150.3 101.4 188.4

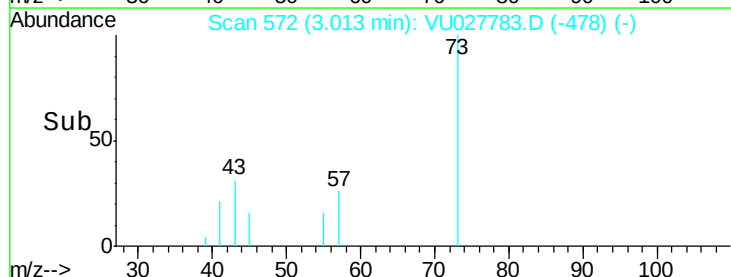
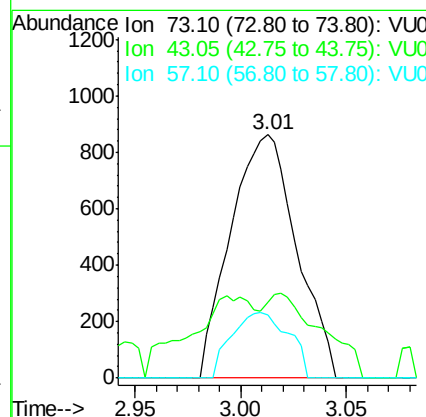
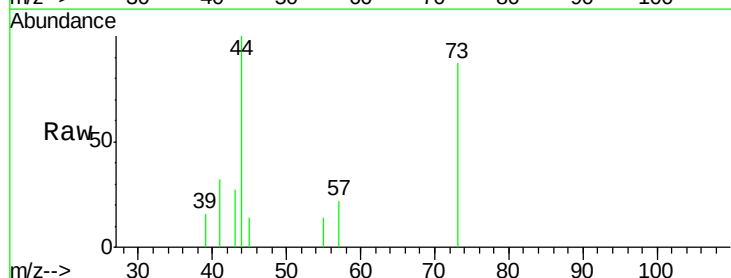
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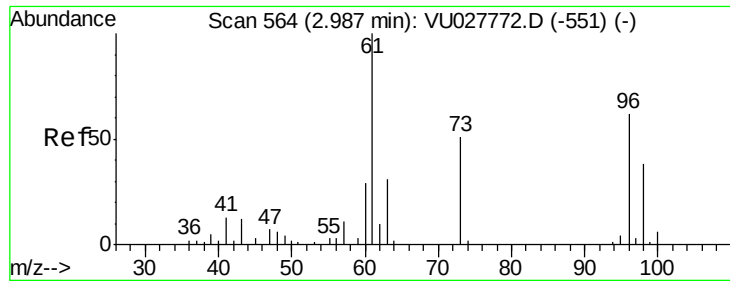
MMDadoda
10/26/2018 11:26:52 AM



#17
Methyl tert-butyl Ether
Concen: 0.225 ug/L
RT: 3.01 min Scan# 572
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Tgt Ion: 73 Resp: 1869
Ion Ratio Lower Upper
73 100
43 29.0 18.6 28.0#
57 23.2 18.2 27.2





#18

trans-1,2-Dichloroethene

Concen: 0.276 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

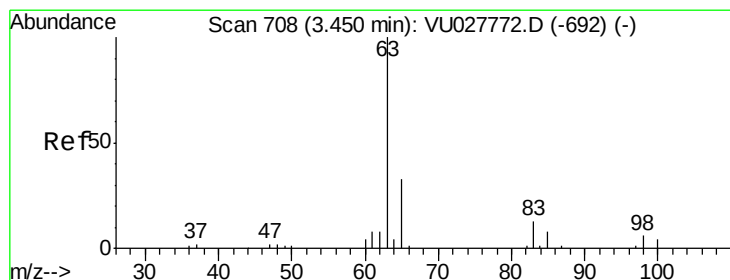
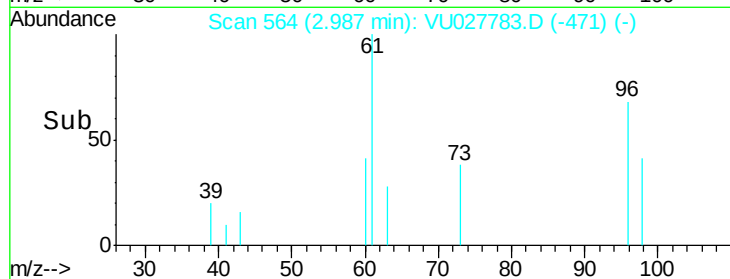
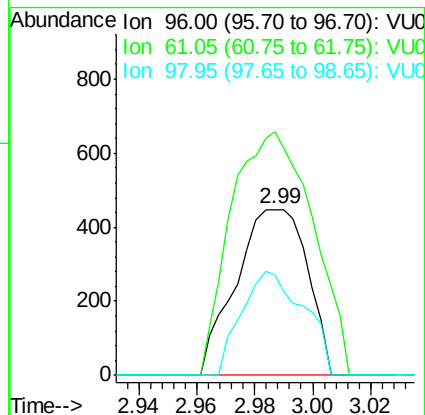
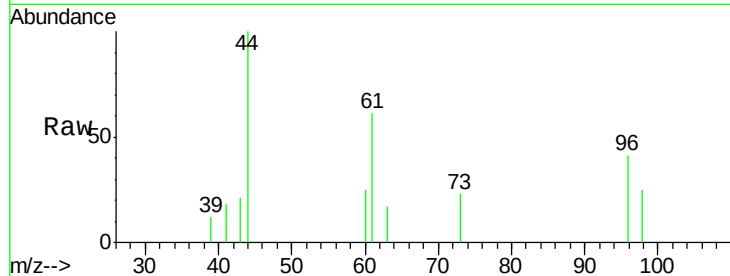
ClientSampled :

MDL07

Tgt Ion:	96	Resp:	766
Ion	Ratio	Lower	Upper
96	100		
61	146.9	112.1	208.3
98	60.5	42.1	78.3

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#19

1,1-Dichloroethane

Concen: 0.267 ug/L

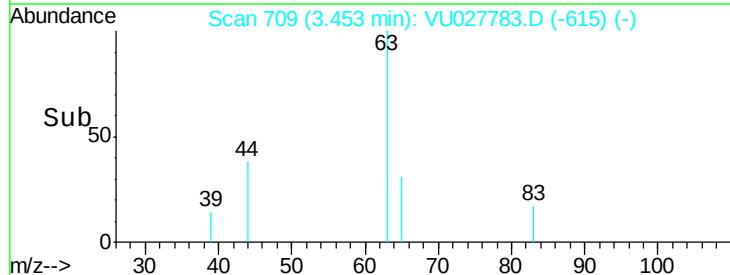
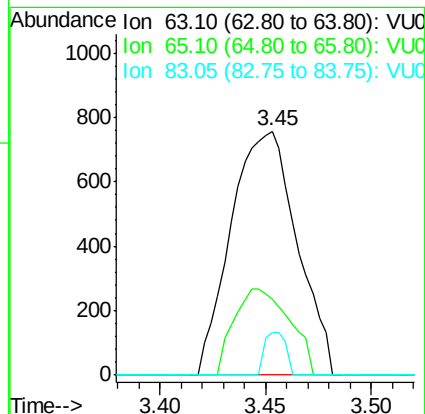
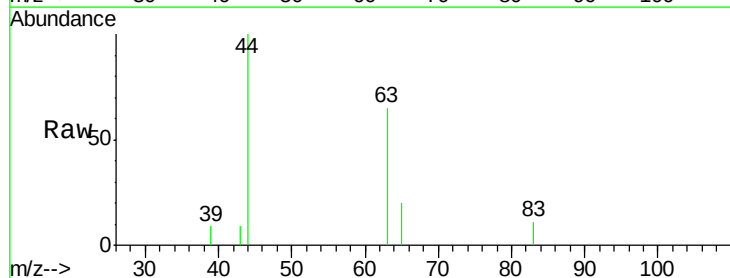
RT: 3.45 min Scan# 709

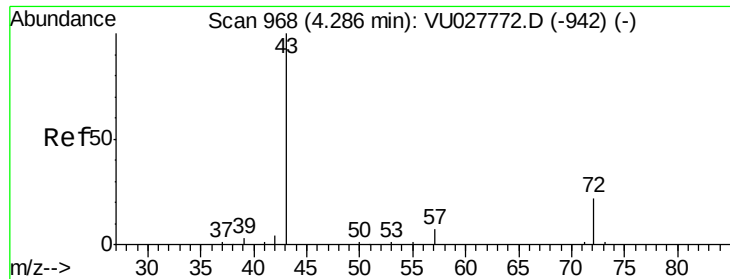
Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Tgt Ion:	63	Resp:	1643
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.1	42.9
83	17.3	9.2	17.0#





#21

2-Butanone

Concen: 2.374 ug/L m

RT: 4.31 min Scan# 975

Delta R.T. 0.02 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 2769

Ion Ratio Lower Upper

43 100

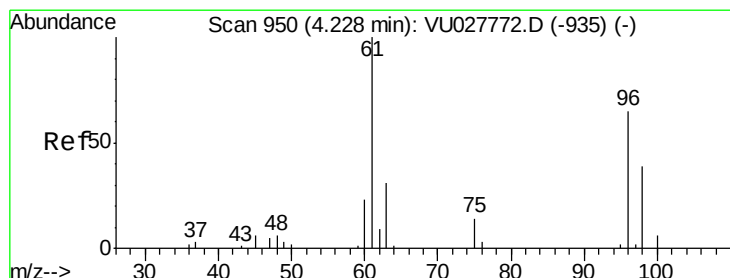
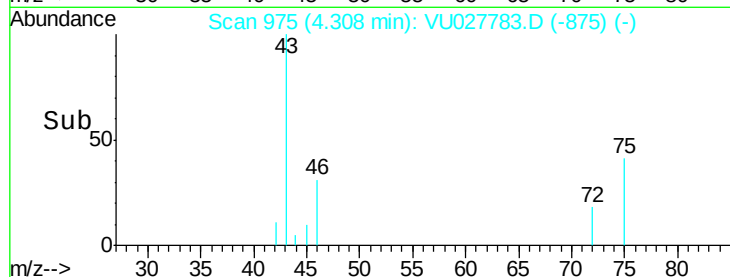
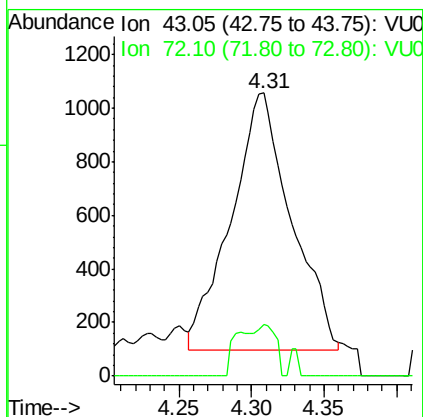
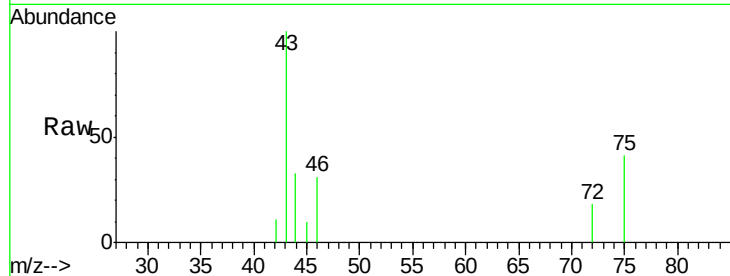
72 4.3 10.5 31.6#

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#22

cis-1,2-Dichloroethene

Concen: 0.195 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

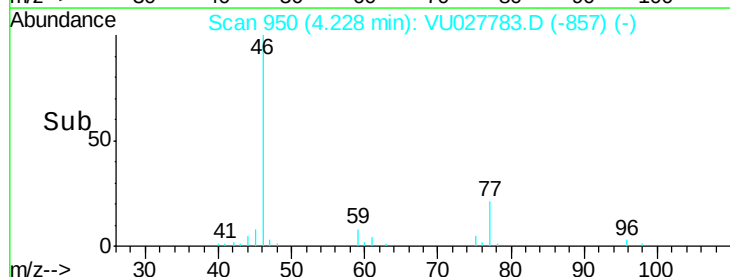
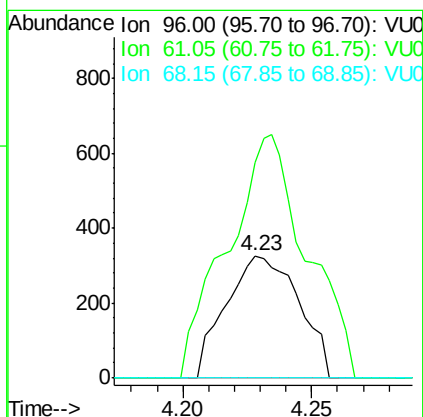
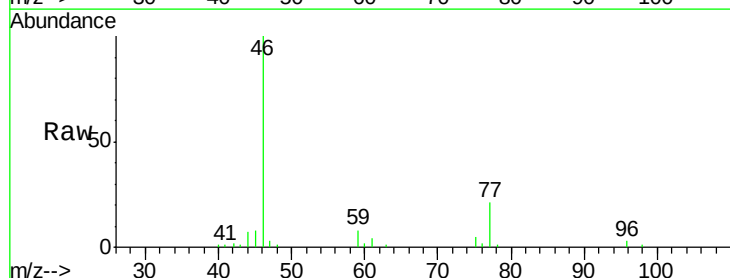
Tgt Ion: 96 Resp: 642

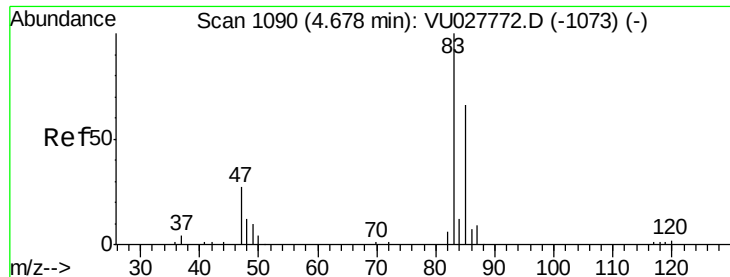
Ion Ratio Lower Upper

96 100

61 176.1 107.2 199.0

68 0.0 0.0 0.0





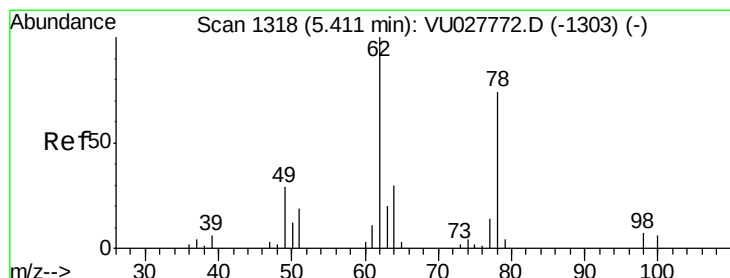
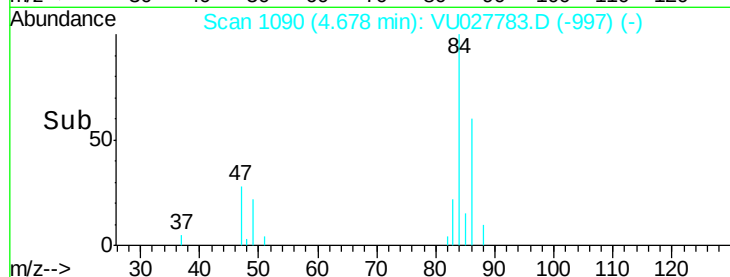
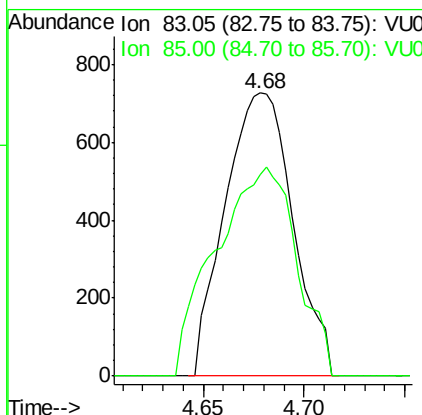
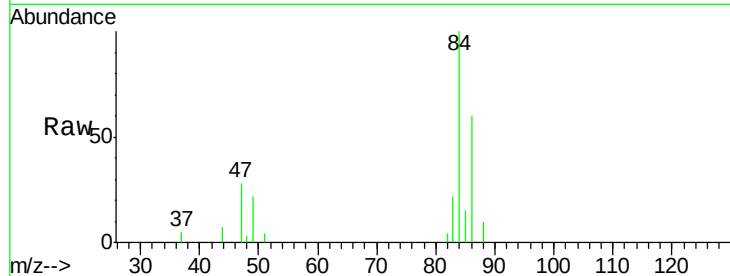
#25
Chloroform
Concen: 0.275 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 83 Resp: 1702
Ion Ratio Lower Upper
83 100
85 71.3 45.8 85.2

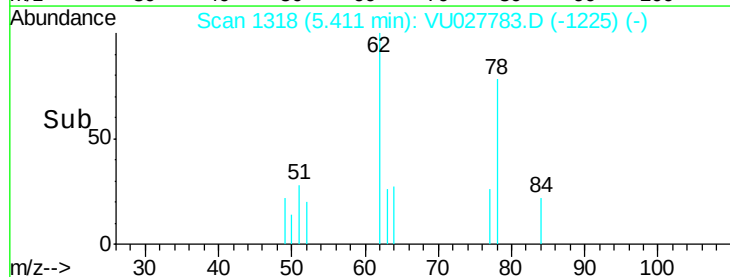
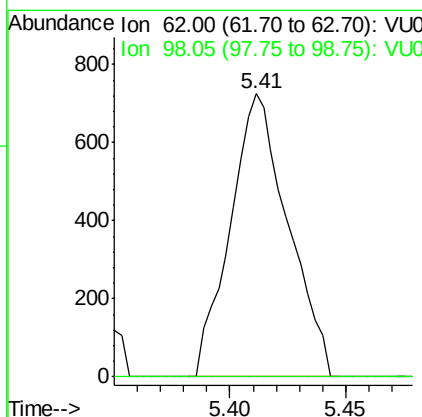
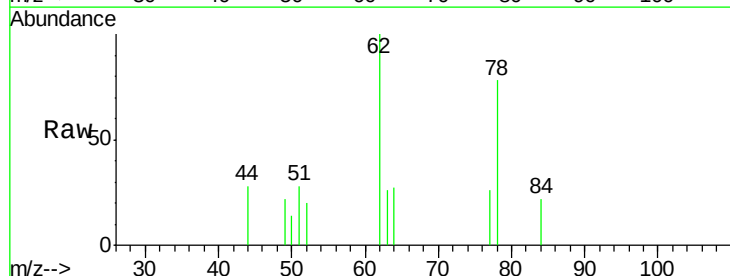
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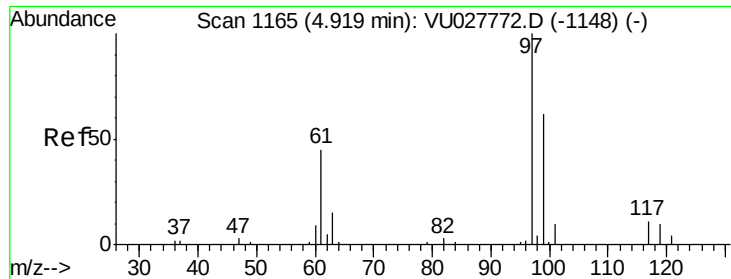
MMDadoda
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#27
1,2-Dichloroethane
Concen: 0.274 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Tgt Ion: 62 Resp: 1252
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





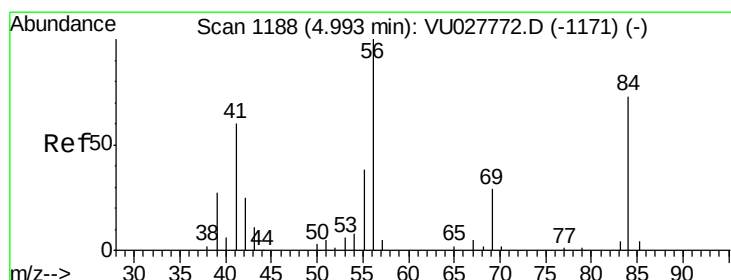
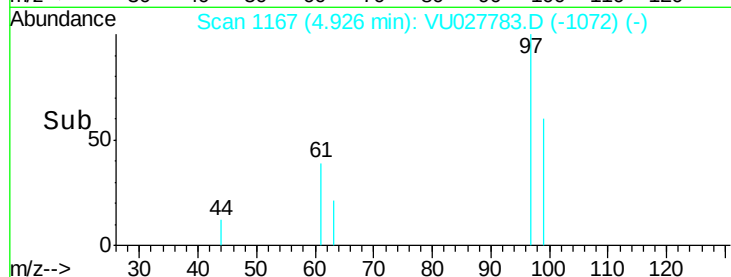
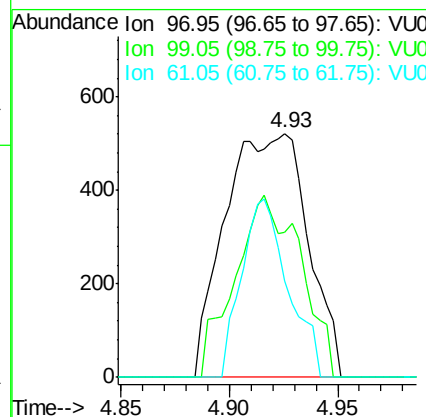
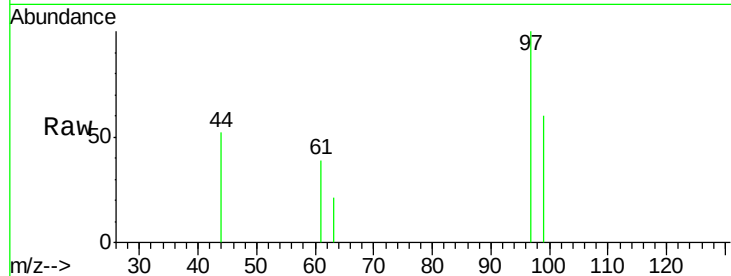
#29
1,1,1-Trichloroethane
Concen: 0.243 ug/L m
RT: 4.93 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	59.7	51.3	76.9
61	41.1	36.7	55.1

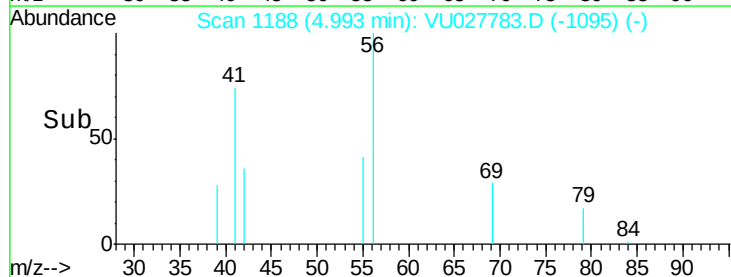
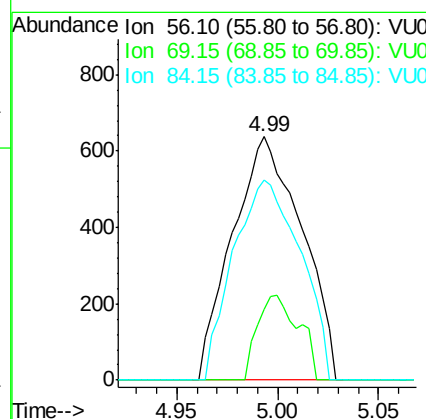
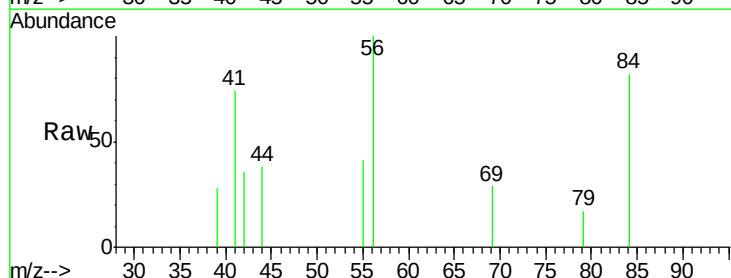
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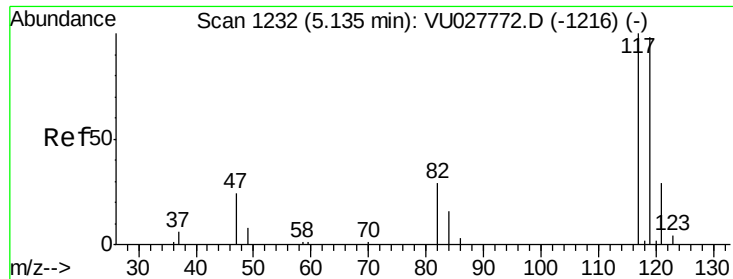
MMDadoda
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#30
Cyclohexane
Concen: 0.240 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
56	100		
69	20.8	22.2	33.4#
84	79.6	58.6	88.0





#31

Carbon tetrachloride

Concen: 0.218 ug/L

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion:117 Resp: 1060

Ion Ratio Lower Upper

117 100

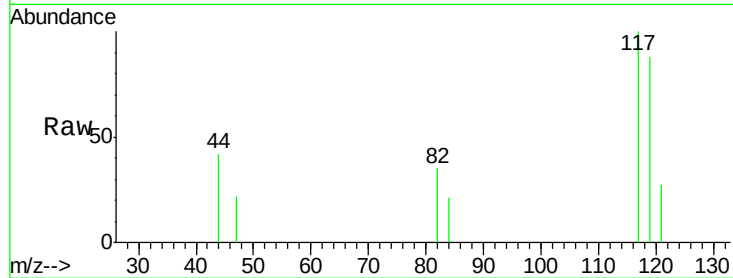
119 106.1 77.0 115.6

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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.14

600

500

400

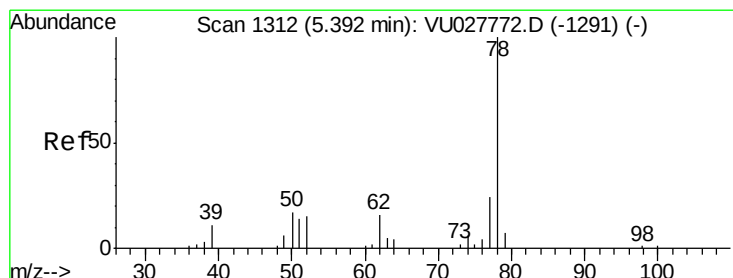
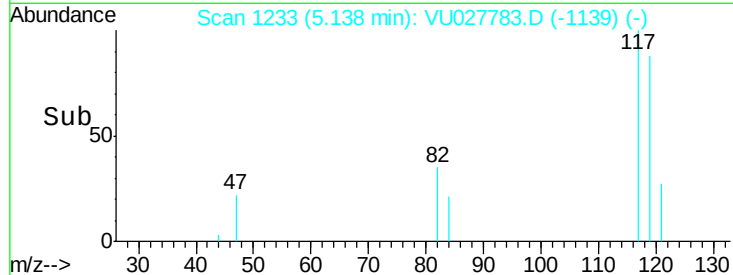
300

200

100

0

Time-->



#33

Benzene

Concen: 0.268 ug/L

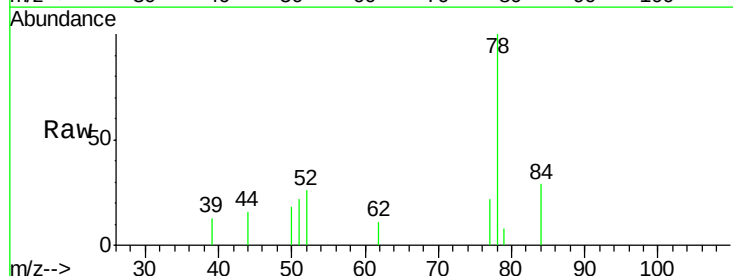
RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Tgt Ion: 78 Resp: 3510



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.39

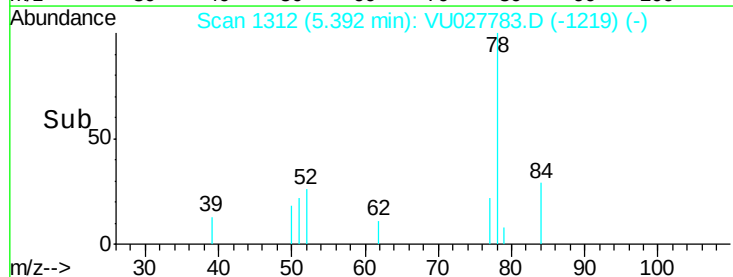
1500

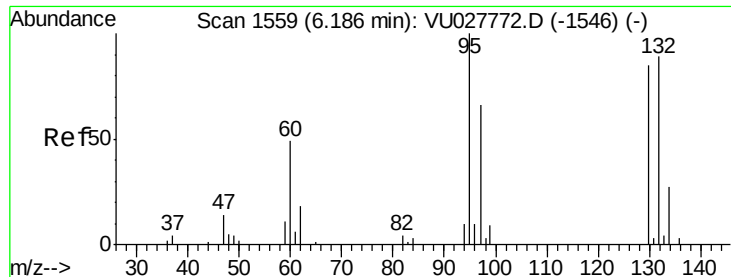
1000

500

0

Time-->





#34

Trichloroethene

Concen: 0.250 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027783.D

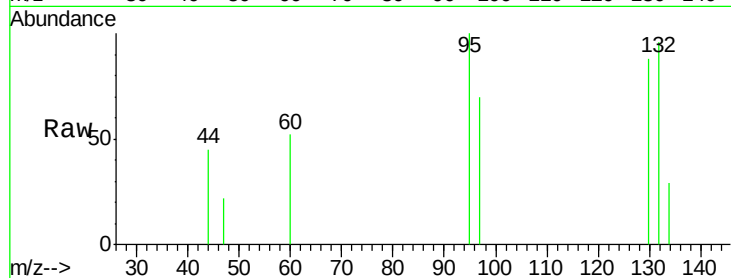
Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL07



Tgt Ion: 95 Resp: 846

Ion Ratio Lower Upper

95 100

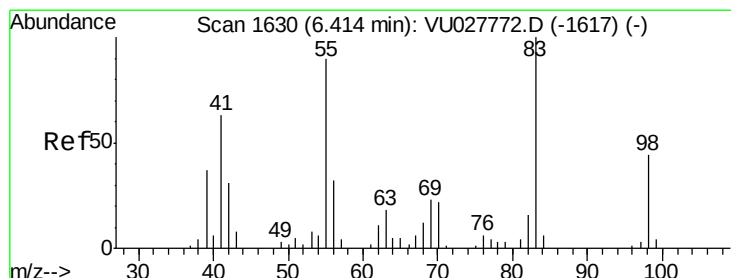
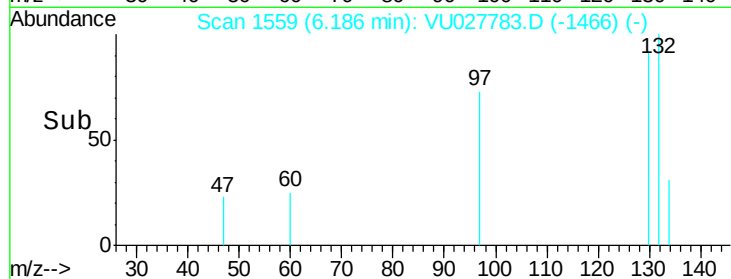
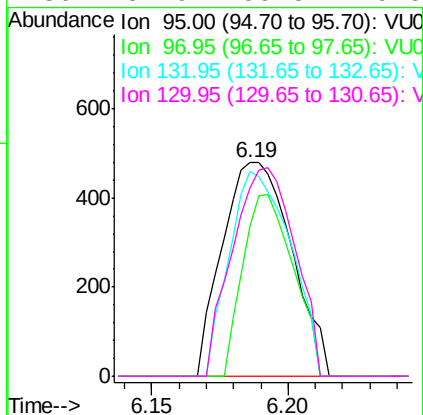
97 69.9 46.4 86.2

132 95.8 62.0 115.2

130 87.9 59.5 110.5

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#35

Methylcyclohexane

Concen: 0.265 ug/L

RT: 6.41 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

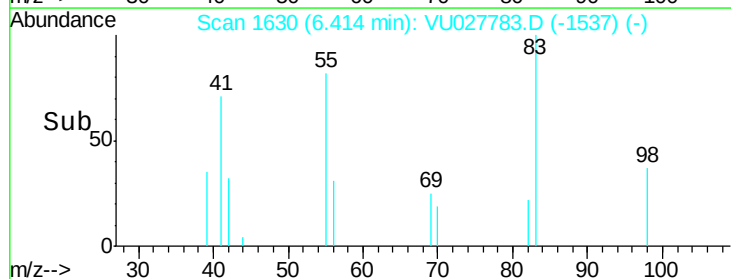
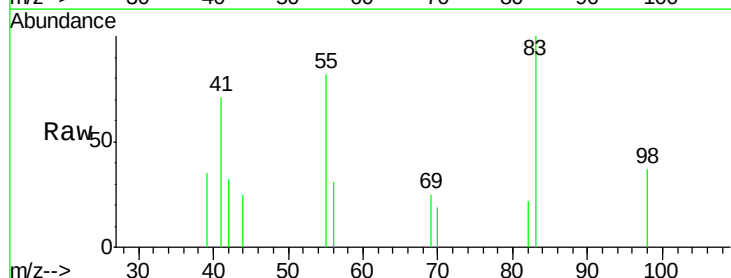
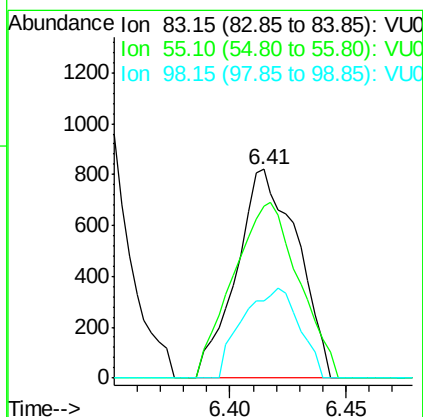
Tgt Ion: 83 Resp: 1502

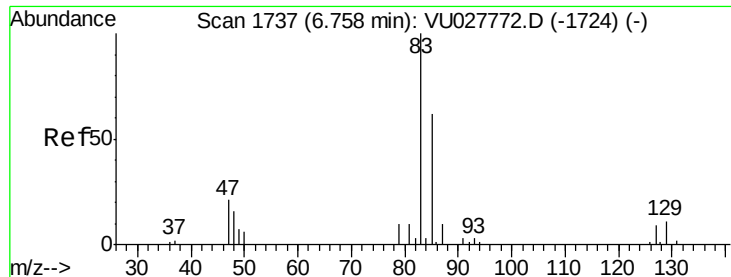
Ion Ratio Lower Upper

83 100

55 90.6 71.5 107.3

98 39.9 35.4 53.0





#38

Bromodichloromethane

Concen: 0.244 ug/L

RT: 6.76 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

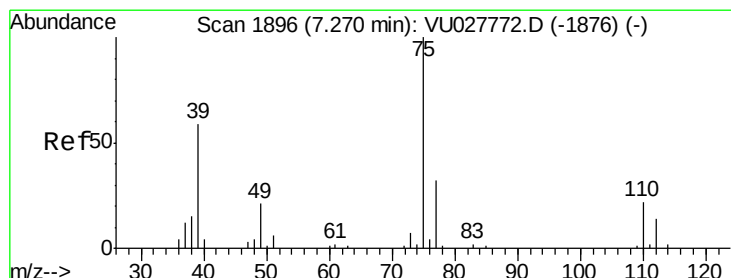
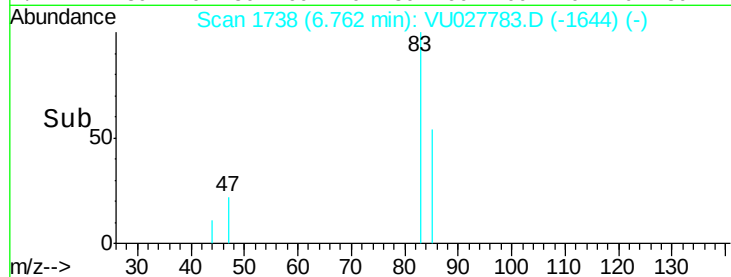
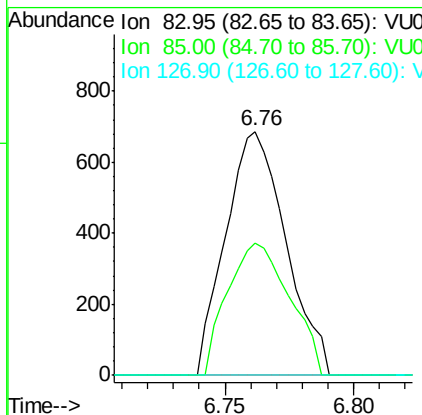
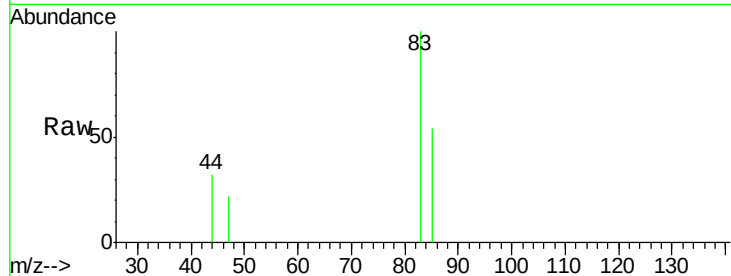
ClientSampleId :

MDL07

Tgt Ion:	83	Resp:	1118
Ion	Ratio	Lower	Upper
83	100		
85	54.2	43.3	80.5
127	0.0	7.2	10.8#

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#39

cis-1,3-Dichloropropene

Concen: 0.215 ug/L

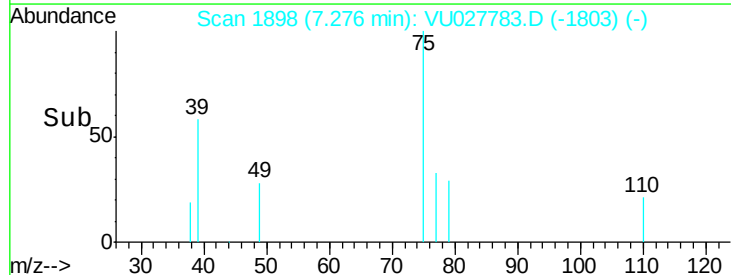
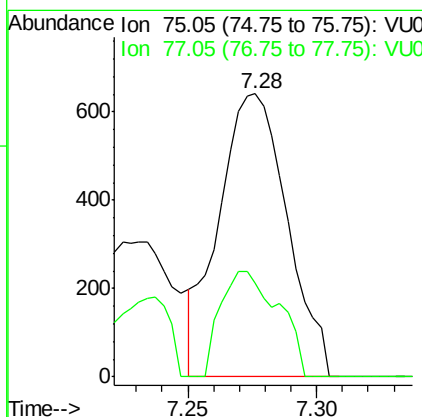
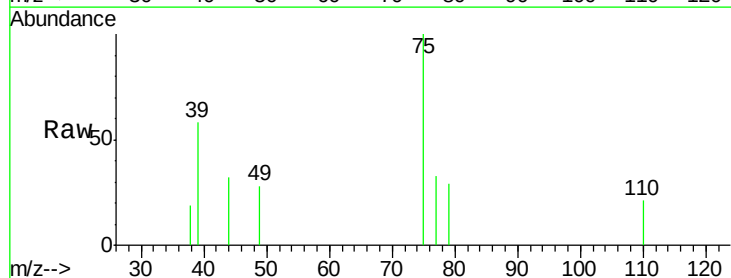
RT: 7.28 min Scan# 1898

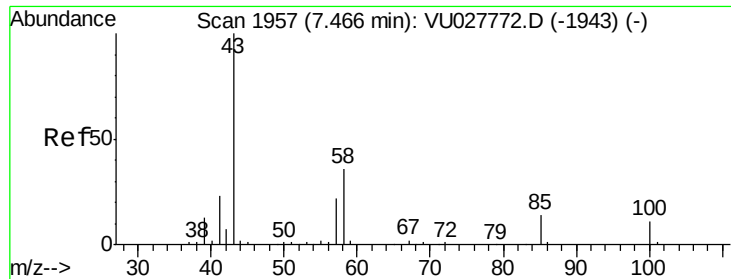
Delta R.T. 0.01 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Tgt Ion:	75	Resp:	1185
Ion	Ratio	Lower	Upper
75	100		
77	33.1	22.5	41.7





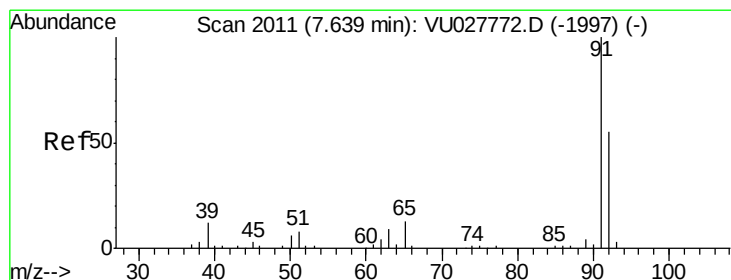
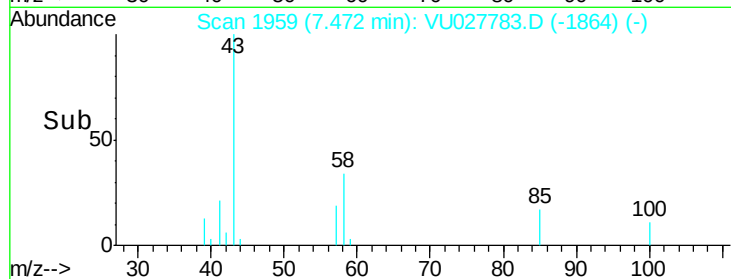
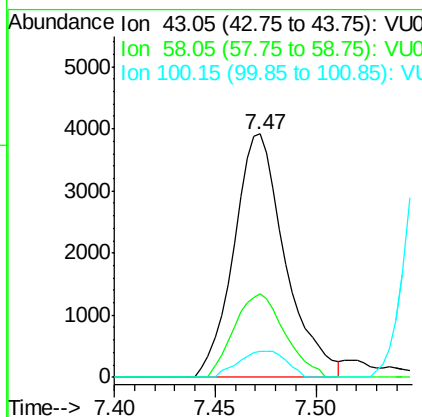
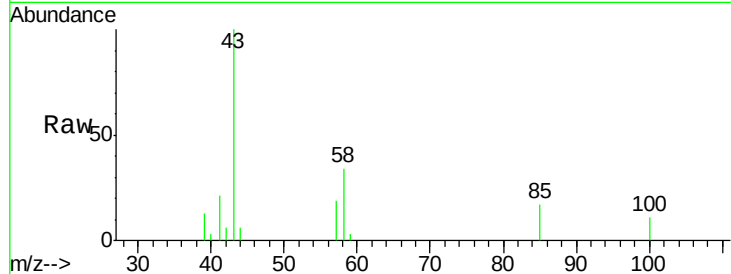
#40
 4-Methyl-2-pentanone
 Concen: 2.422 ug/L
 RT: 7.47 min Scan# 1959
 Delta R.T. 0.01 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Instrument :
 MSVOA_U
 ClientSampled :
 MDL07

Tgt Ion: 43 Resp: 6953
 Ion Ratio Lower Upper
 43 100
 58 33.7 28.1 42.1
 100 0.0 8.7 13.1#

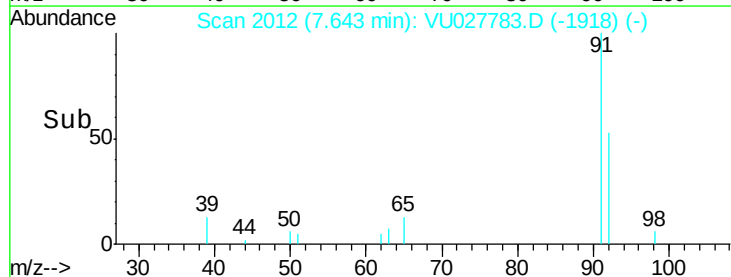
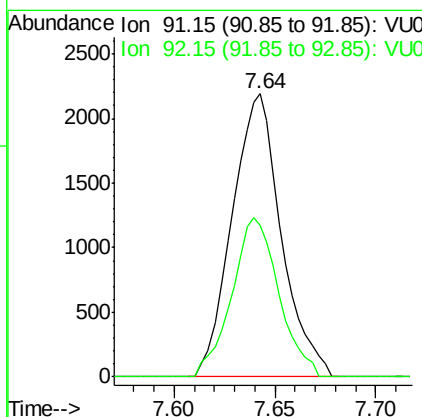
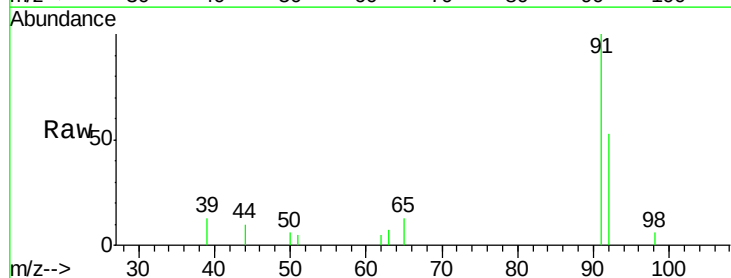
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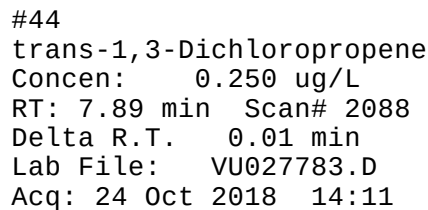
MMDadoda
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#42
 Toluene
 Concen: 0.265 ug/L
 RT: 7.64 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Tgt Ion: 91 Resp: 3726
 Ion Ratio Lower Upper
 91 100
 92 53.4 38.6 71.8



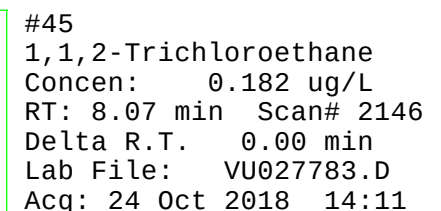
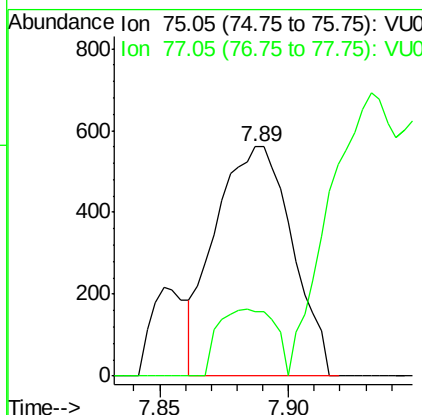


Instrument :
MSVOA_U
ClientSampleId :
MDL07

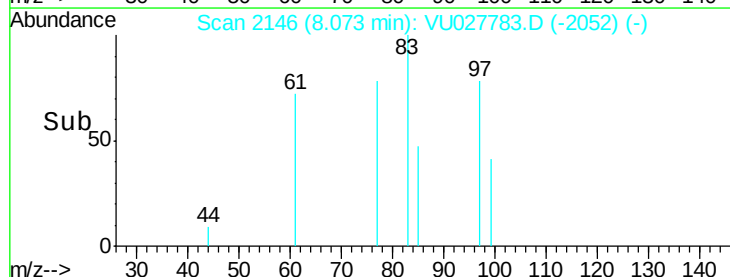
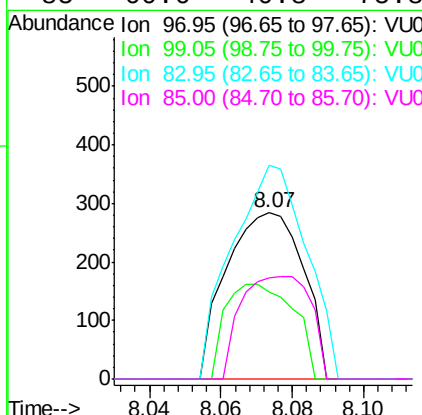
Manual Integrations

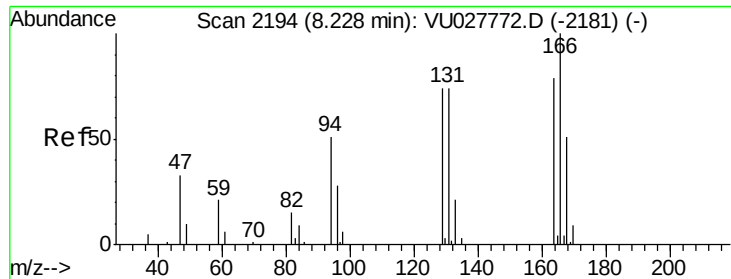
MMDadoda
10/26/2018 11:26:52 AM

Tgt Ion:	75	Resp:	1160
Ion	Ratio	Lower	Upper
75	100		
77	28.0	23.5	43.7



Tgt	Ion: 97	Resp:	423
Ion	Ratio	Lower	Upper
97	100		
99	52.5	42.8	79.6
83	128.5	62.9	116.9#
85	60.6	40.8	75.8





#47

Tetrachloroethene

Concen: 0.231 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU027783.D

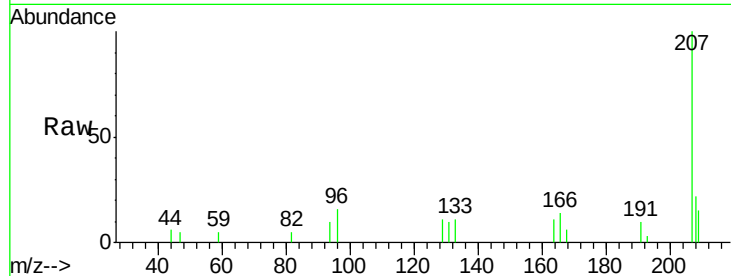
Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

MDL07



Tgt Ion: 164 Resp: 637

Ion Ratio Lower Upper

164 100

129 107.4 65.6 121.8

131 97.9 65.0 120.8

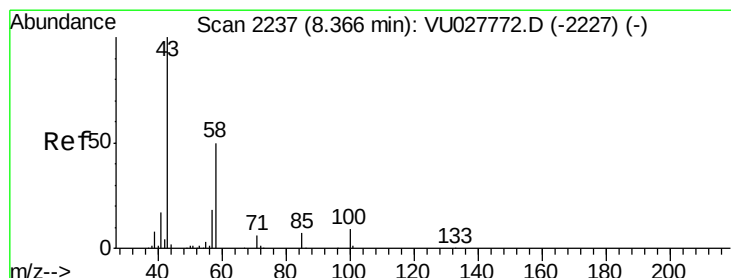
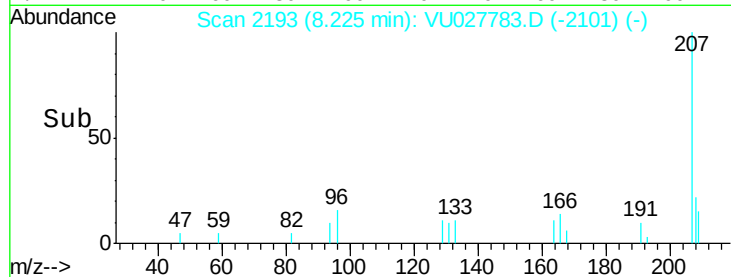
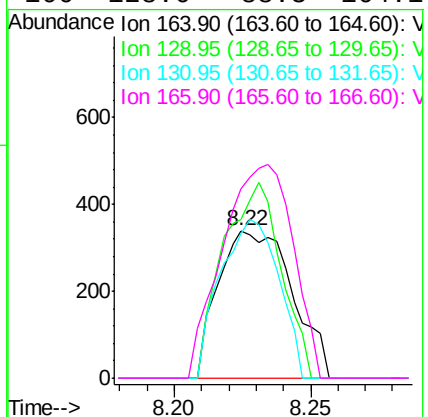
166 128.6 88.3 164.1

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#48

2-Hexanone

Concen: 2.901 ug/L

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Tgt Ion: 43 Resp: 5918

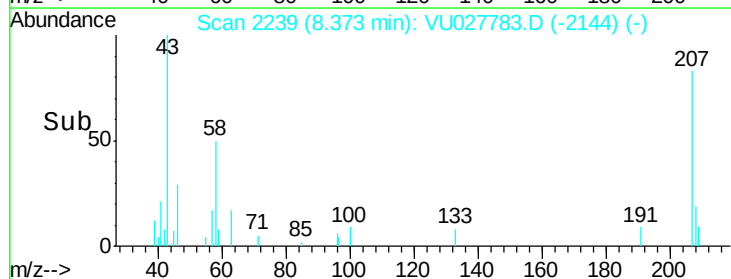
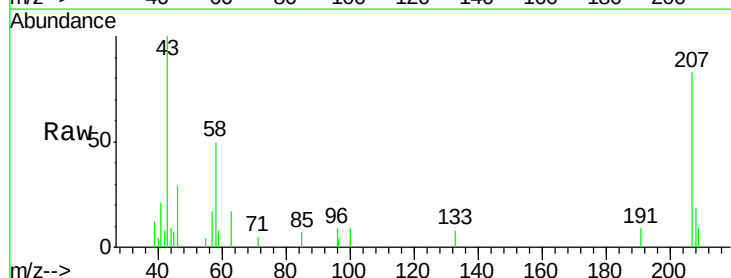
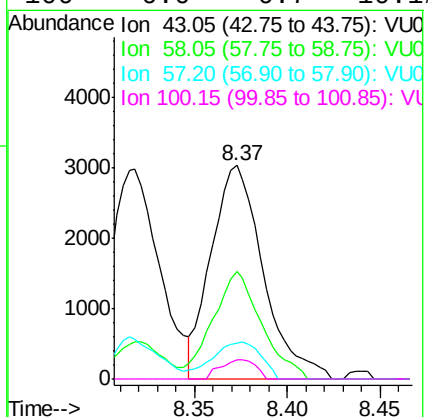
Ion Ratio Lower Upper

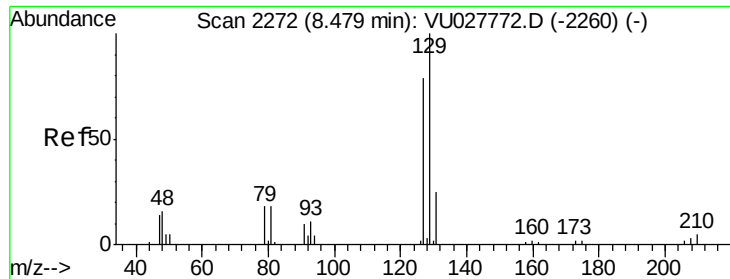
43 100

58 47.3 39.4 59.0

57 16.2 13.8 20.8

100 6.0 6.7 10.1#





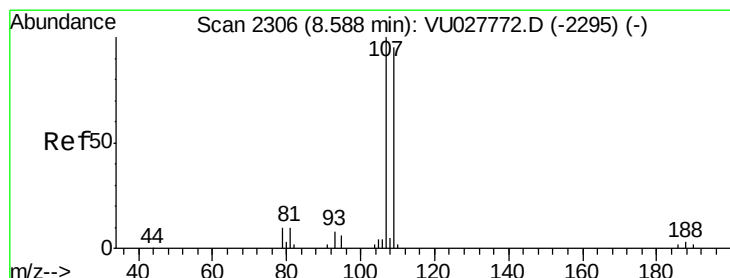
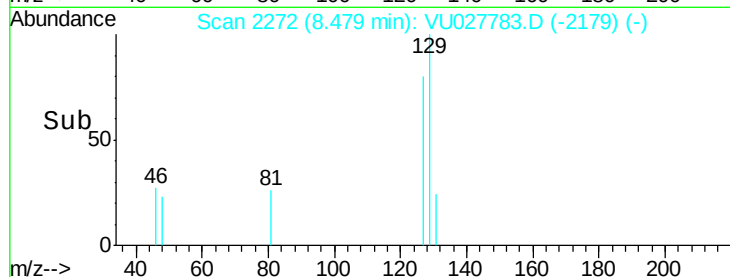
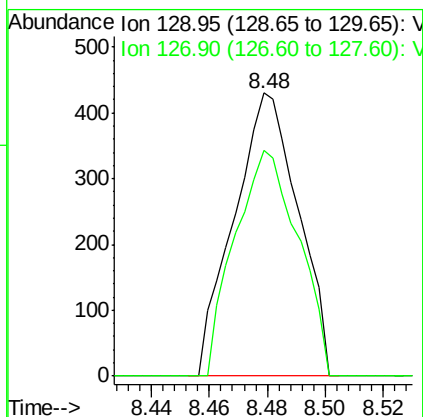
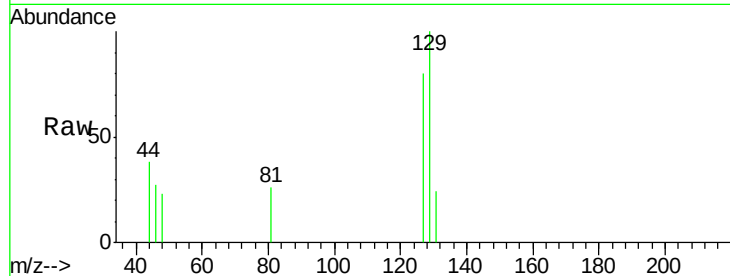
#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:129 Resp: 661
Ion Ratio Lower Upper
129 100
127 79.5 55.2 102.4

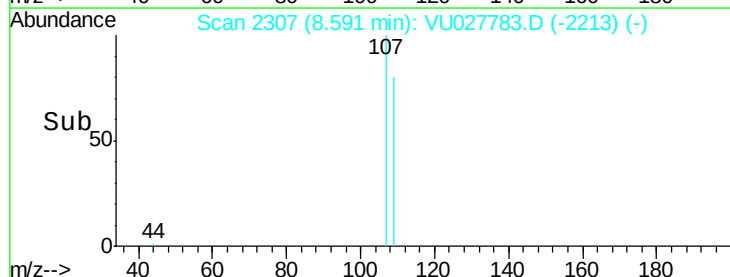
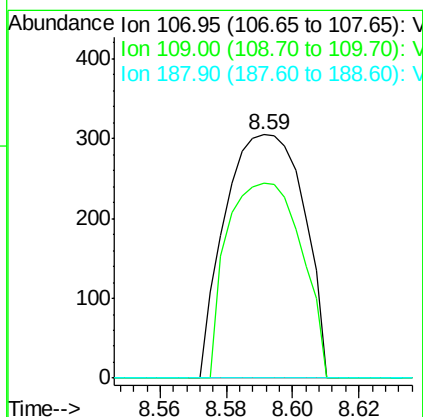
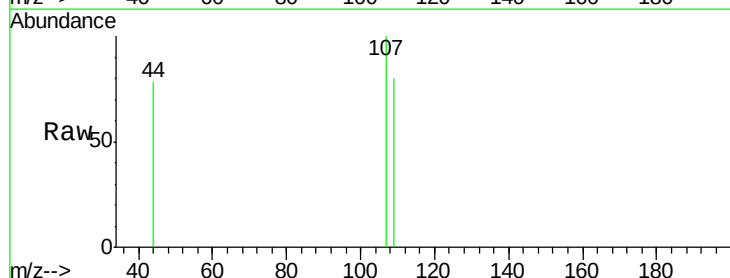
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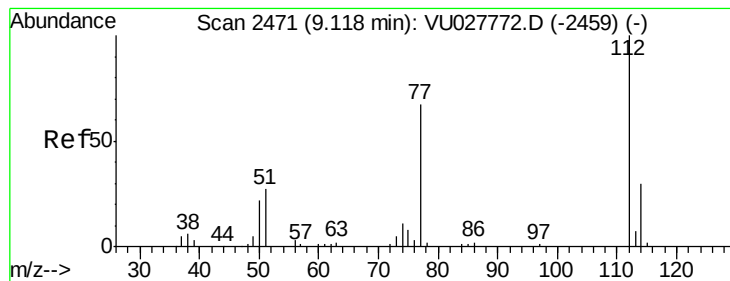
MMDadoda
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#50
1,2-Dibromoethane
Concen: 0.223 ug/L
RT: 8.59 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Tgt Ion:107 Resp: 503
Ion Ratio Lower Upper
107 100
109 80.3 66.3 123.1
188 0.0 2.6 3.8#





#51

Chlorobenzene

Concen: 0.261 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

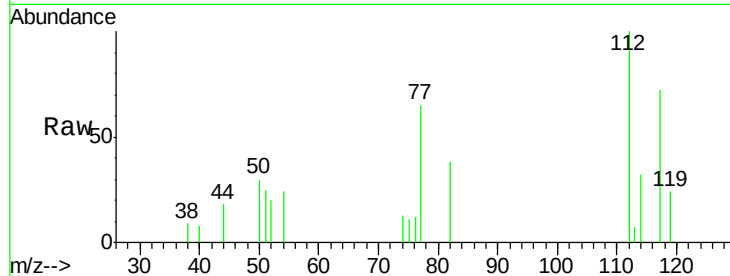
ClientSampleId :

MDL07

Tgt Ion:	112	Resp:	2266
Ion Ratio	Lower	Upper	
112	100		
114	32.3	21.2	39.4
77	65.4	54.2	81.4

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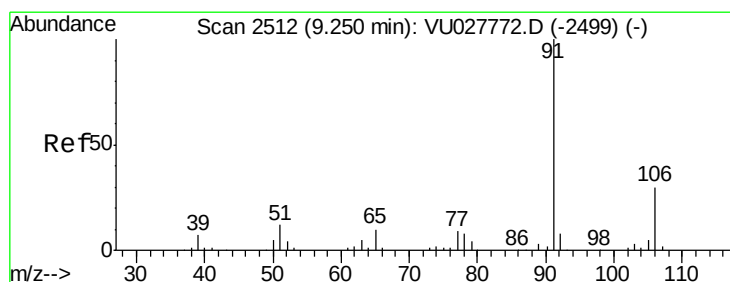
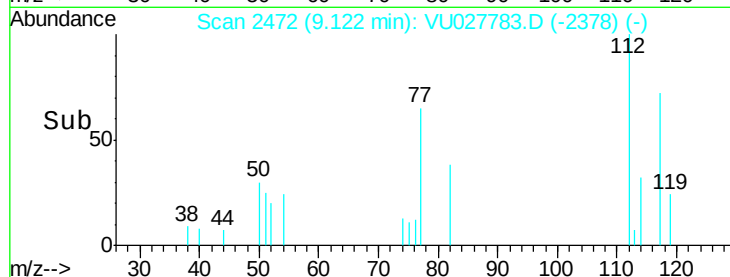
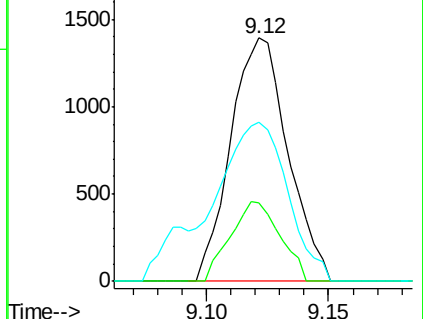
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Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 0.250 ug/L

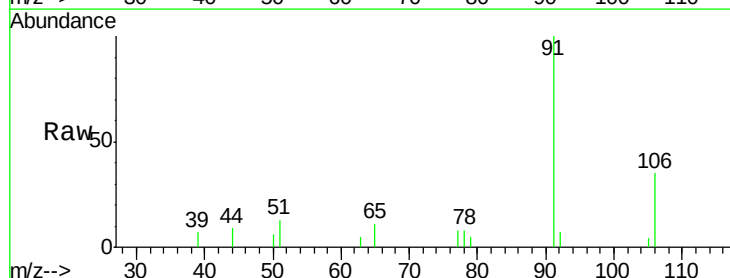
RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027783.D

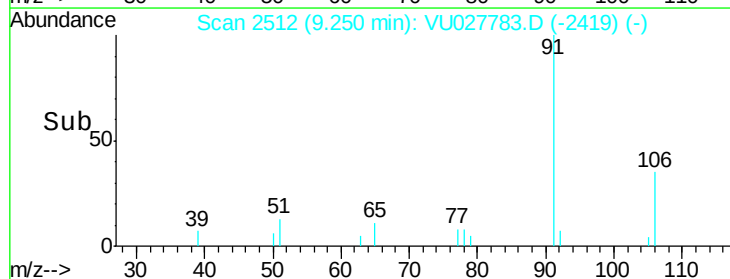
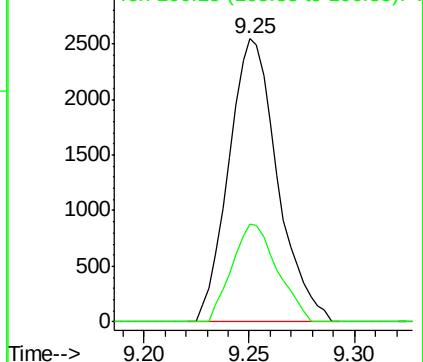
Acq: 24 Oct 2018 14:11

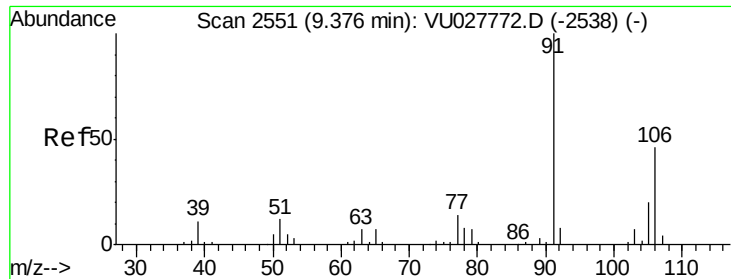
Tgt Ion:	91	Resp:	4077
Ion Ratio	Lower	Upper	
91	100		
106	34.5	20.6	38.4



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





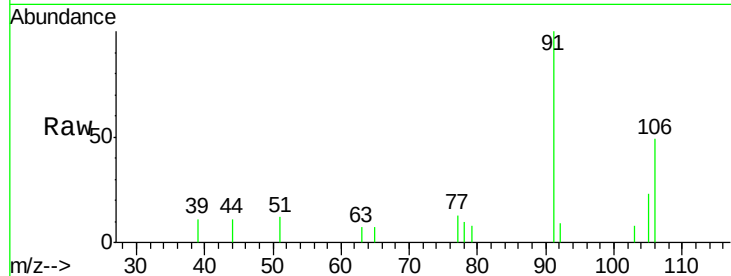
#53
m,p-xylene
Concen: 0.249 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
MDL07

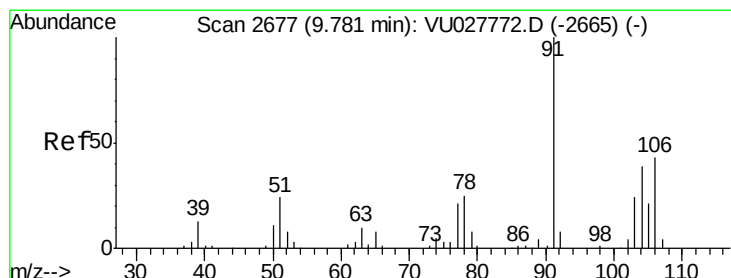
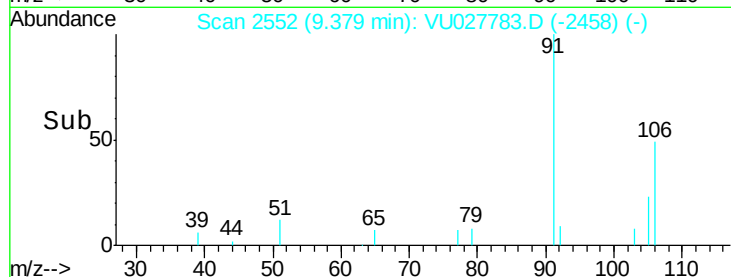
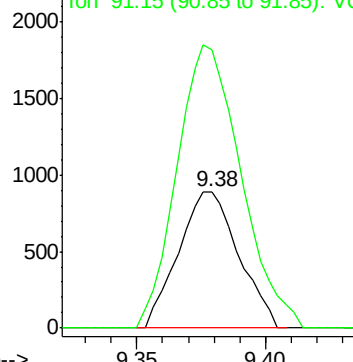
Tgt Ion:106 Resp: 1443
Ion Ratio Lower Upper
106 100
91 203.8 154.1 286.3

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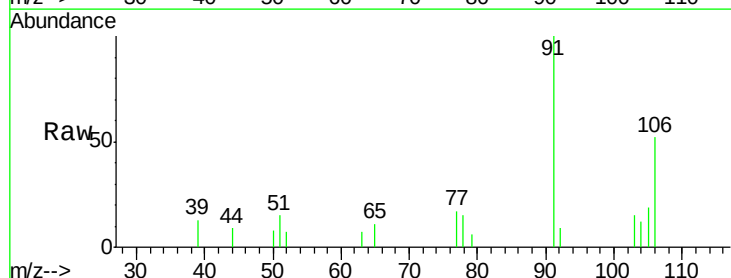


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

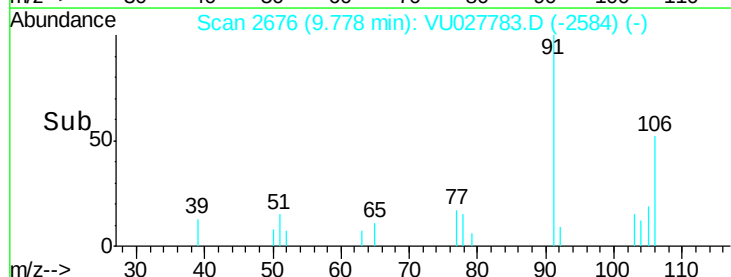
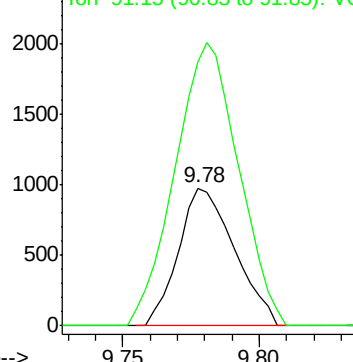


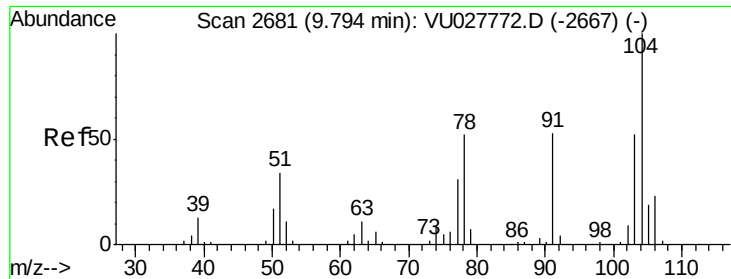
#54
o-xylene
Concen: 0.247 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU027783.D
Acq: 24 Oct 2018 14:11

Tgt Ion:106 Resp: 1395
Ion Ratio Lower Upper
106 100
91 191.7 161.3 299.7



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0





#55

Styrene

Concen: 0.234 ug/L

RT: 9.80 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

ClientSampled :

MDL07

Tgt Ion:104 Resp: 2245

Ion Ratio Lower Upper

104 100

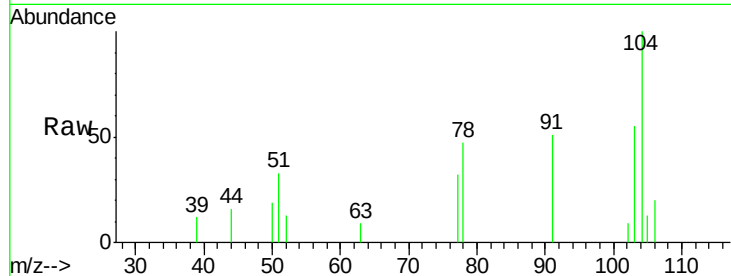
78 47.1 36.3 67.3

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Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

9.80

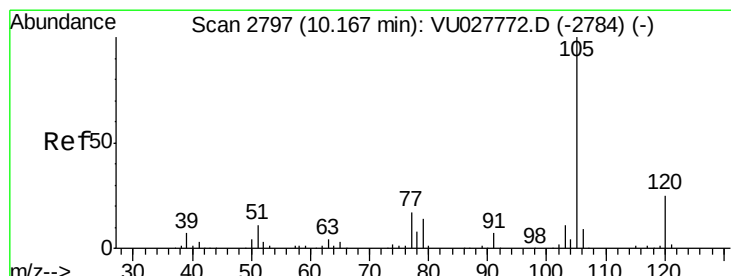
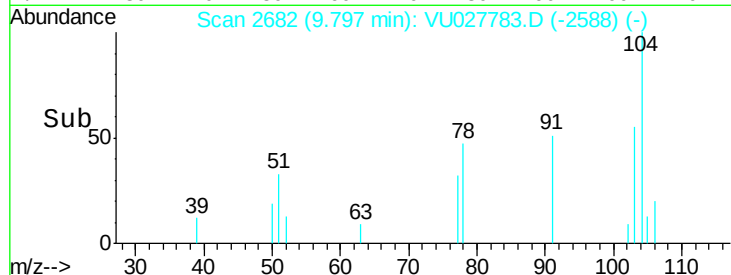
1500

1000

500

0

Time-->



#56

Isopropylbenzene

Concen: 0.239 ug/L

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

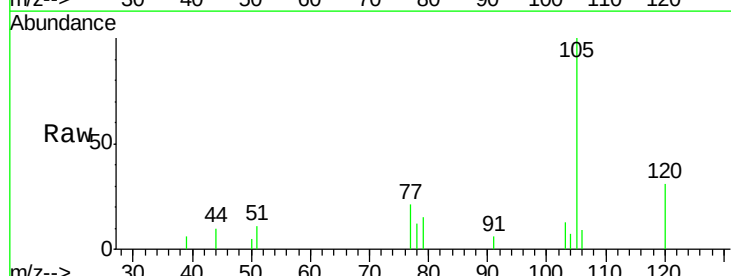
Tgt Ion:105 Resp: 3739

Ion Ratio Lower Upper

105 100

120 25.0 19.9 29.9

77 17.3 13.7 20.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

10.17

3000

2500

2000

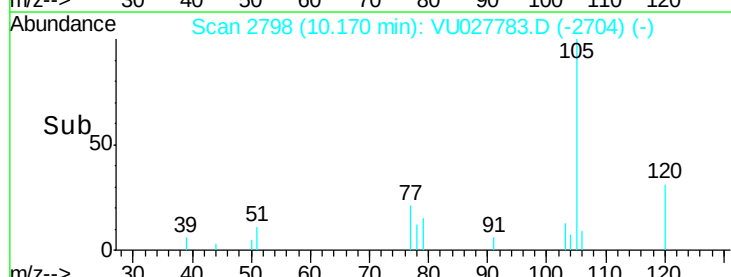
1500

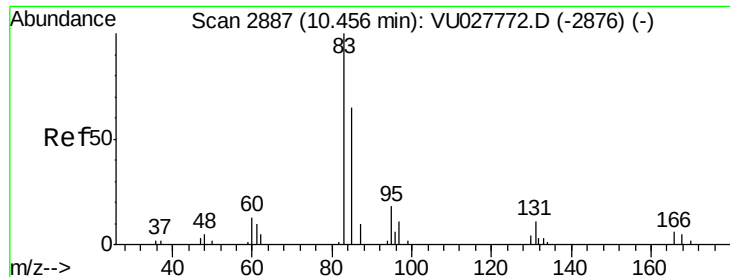
1000

500

0

Time-->





#58

1,1,2,2-Tetrachloroethane

Concen: 0.249 ug/L m

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Instrument :

MSVOA_U

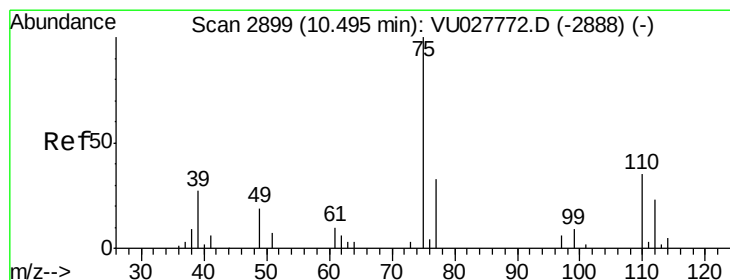
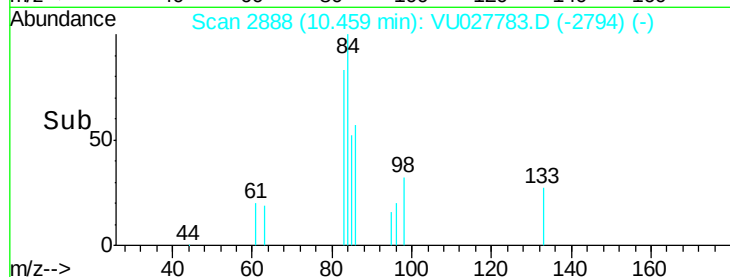
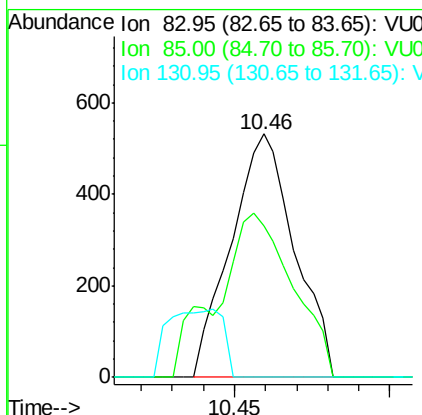
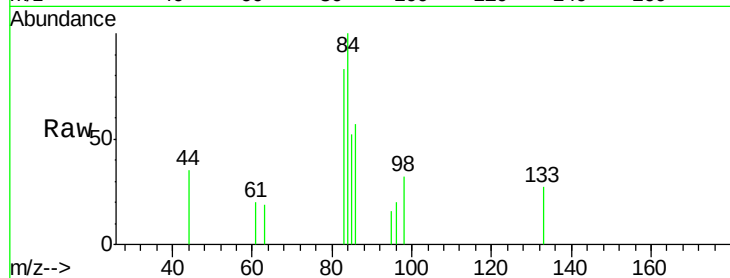
ClientSampleId :

MDL07

Tgt Ion: 83 Resp: 758
 Ion Ratio Lower Upper
 83 100
 85 62.4 45.5 84.5
 131 0.0 8.8 13.2#

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#59

1,2,3-Trichloropropane

Concen: 0.247 ug/L m

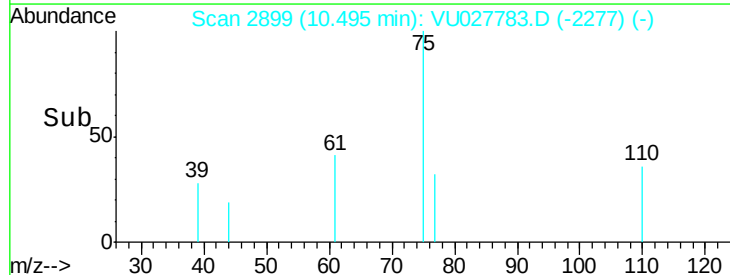
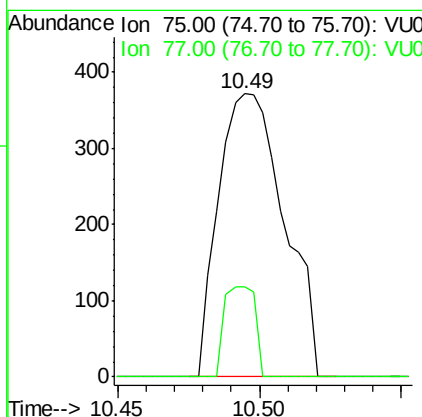
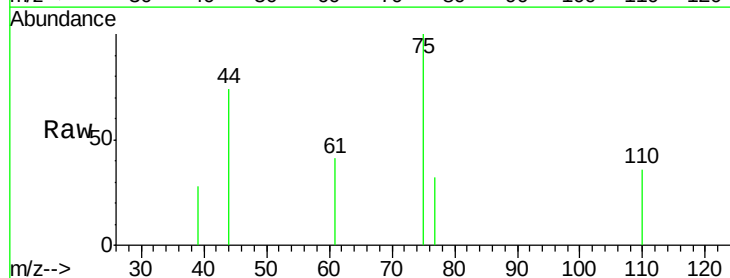
RT: 10.49 min Scan# 2899

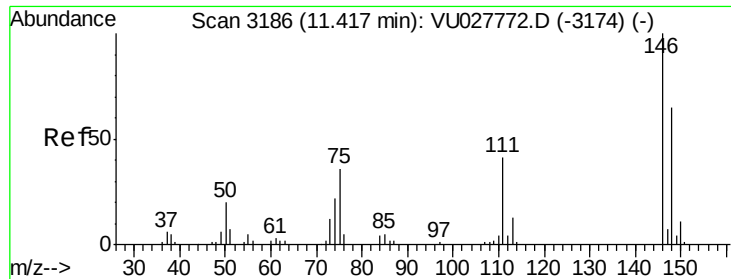
Delta R.T. 0.00 min

Lab File: VU027783.D

Acq: 24 Oct 2018 14:11

Tgt Ion: 75 Resp: 597
 Ion Ratio Lower Upper
 75 100
 77 151.4 26.4 39.6#





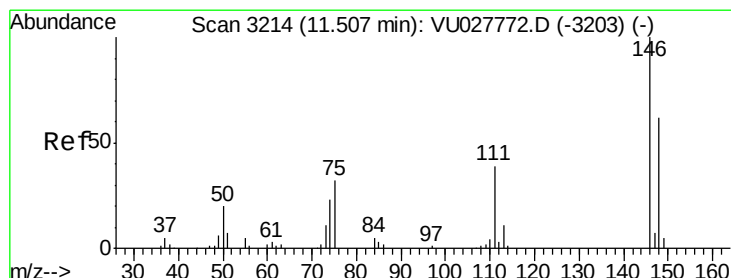
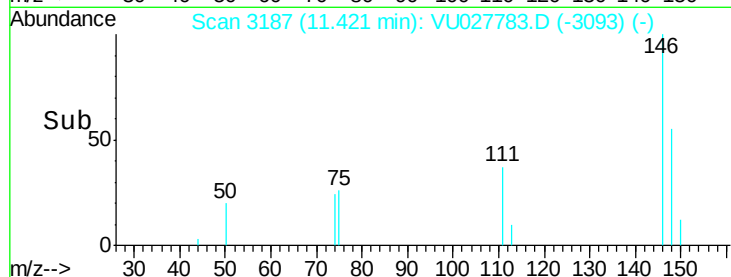
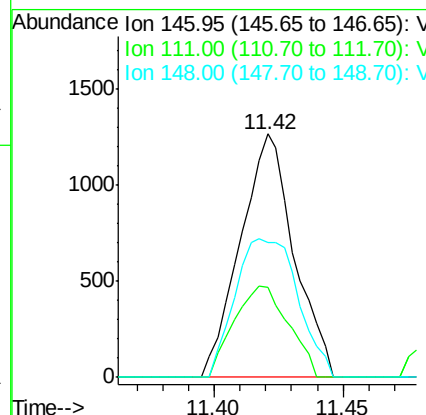
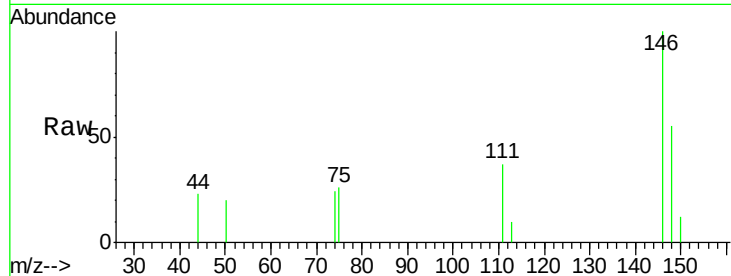
#62
 1,3-Dichlorobenzene
 Concen: 0.272 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	28.6	53.0
148	55.4	45.1	83.9

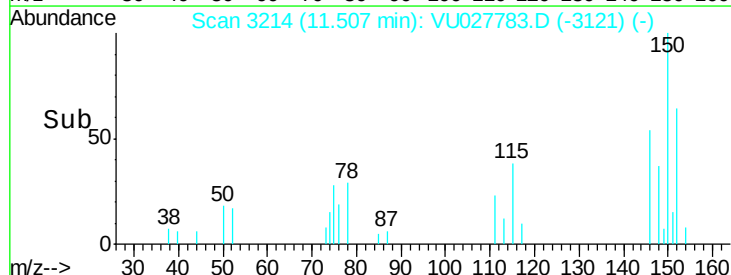
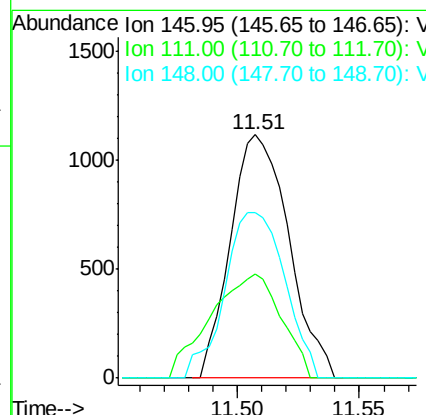
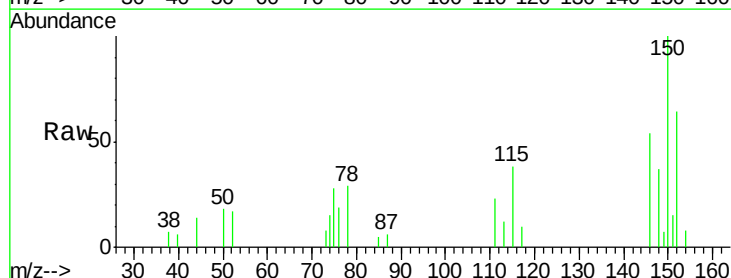
Manual Integrations
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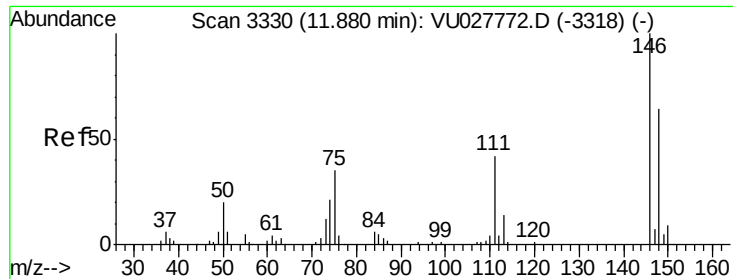
MMDadoda
 10/26/2018 11:26:52 AM



#63
 1,4-Dichlorobenzene
 Concen: 0.272 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	27.6	51.4
148	68.1	43.3	80.3





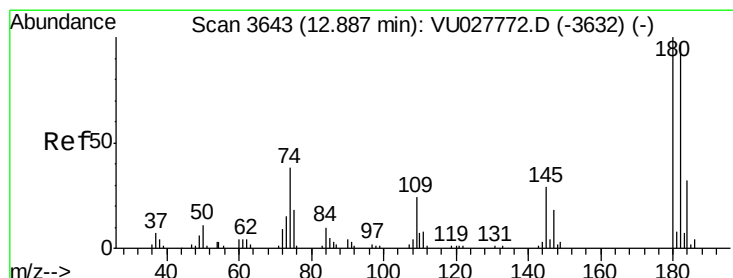
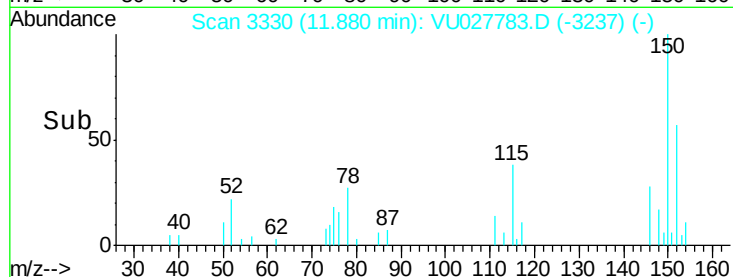
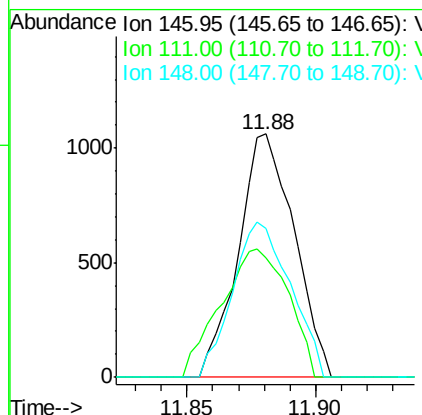
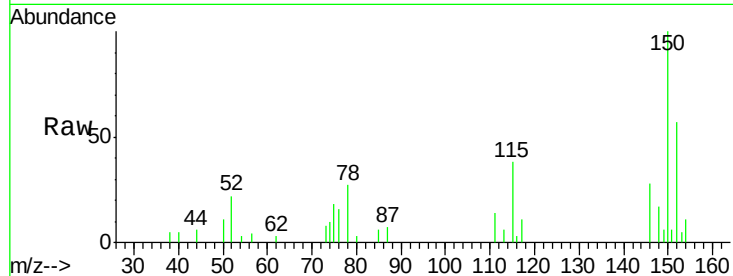
#65
 1,2-Dichlorobenzene
 Concen: 0.253 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.2	33.7	50.5
148	61.3	50.8	76.2

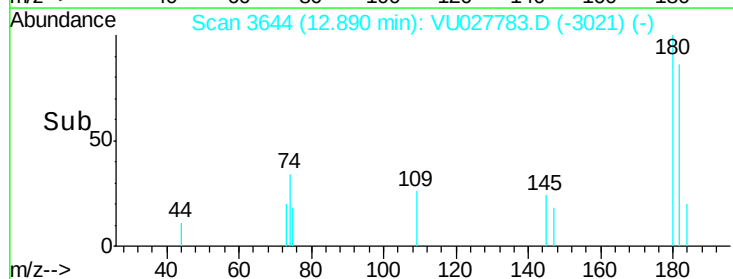
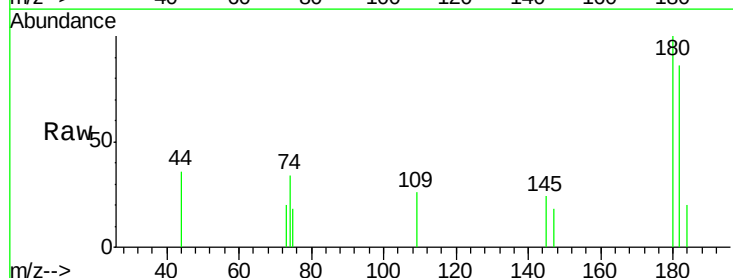
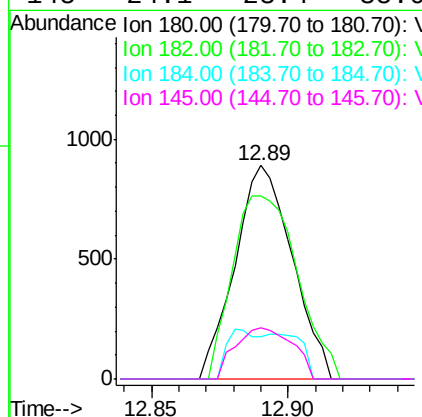
Manual Integrations
 APPROVED

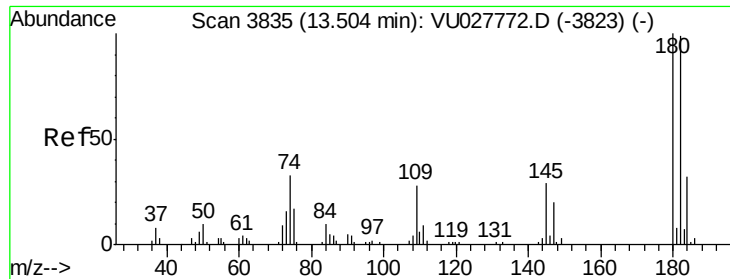
MMDadoda
 10/26/2018 11:26:52 AM



#67
 1,3,5-Trichlorobenzene
 Concen: 0.240 ug/L
 RT: 12.89 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.9	118.3
184	13.4	24.6	37.0
145	24.1	23.4	35.0





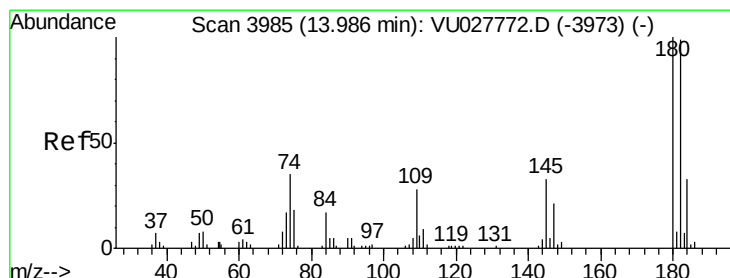
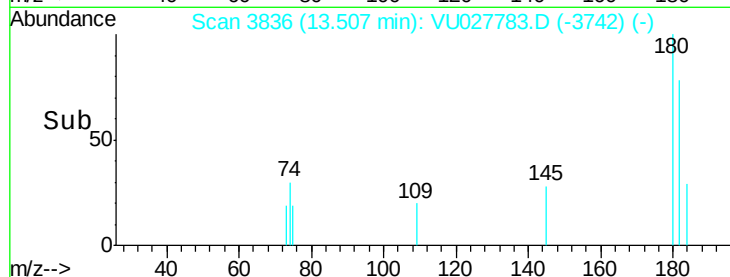
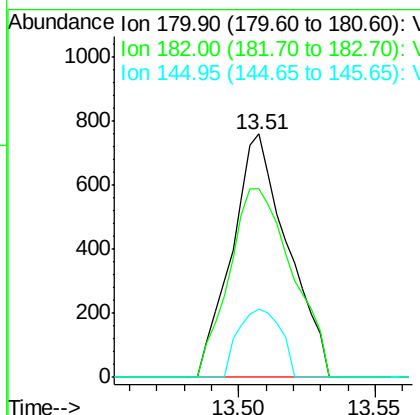
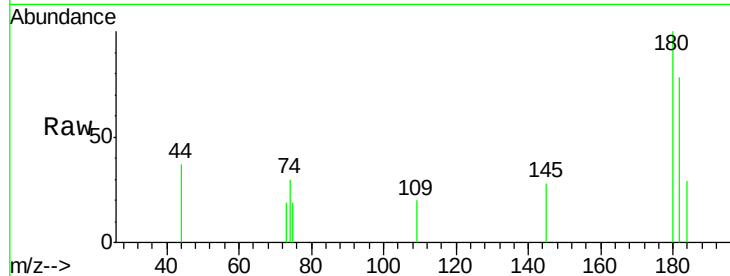
#68
 1,2,4-trichlorobenzene
 Concen: 0.230 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Tgt Ion:180 Resp: 1080
 Ion Ratio Lower Upper
 180 100
 182 87.9 77.6 116.4
 145 21.3 23.7 35.5#

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:26:52 AM



#70
 1,2,3-Trichlorobenzene
 Concen: 0.218 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027783.D
 Acq: 24 Oct 2018 14:11

Tgt Ion:180 Resp: 943
 Ion Ratio Lower Upper
 180 100
 182 107.5 76.9 115.3
 145 30.3 24.6 37.0

