

Data File : VU027782.D
Acq On : 24 Oct 2018 13:47
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:26:46 AM

Quant Time: Oct 25 06:37:13 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	40434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	15949	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.68	69	12433	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.28	63	23612	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.21	46	51939	51.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.65	84	28495	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	17646	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	53659	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	19566	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.57	98	50126	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.85	79	7603	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.32	63	43521	54.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14007	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	18583	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	1161	0.296 ug/L #	85
3) Chloromethane	1.33	50	1235	0.280 ug/L	91
5) Vinyl chloride	1.40	62	1278	0.302 ug/L #	58
6) Bromomethane	1.63	94	548	0.252 ug/L	93
8) Chloroethane	1.71	64	639	0.279 ug/L	91
9) Trichlorofluoromethane	1.89	101	1613	0.288 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	908	0.321 ug/L #	87
12) 1,1-Dichloroethene	2.29	96	857	0.325 ug/L #	1
13) Acetone	2.35	43	2890	4.000 ug/L	82
14) Carbon disulfide	2.48	76	2512	0.278 ug/L	95
16) Methylene chloride	2.71	84	1296	0.417 ug/L	94
17) Methyl tert-butyl Ether	3.01	73	2459	0.291 ug/L #	85
18) trans-1,2-Dichloroethene	2.99	96	714	0.253 ug/L	93
19) 1,1-Dichloroethane	3.45	63	1752	0.281 ug/L	88
21) 2-Butanone	4.30	43	3727	3.144 ug/L	81
22) cis-1,2-Dichloroethene	4.24	96	835	0.249 ug/L	81
25) Chloroform	4.68	83	1769	0.281 ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.41	62	1205	0.259	ug/L #	79
29) 1,1,1-Trichloroethane	4.92	97	1533	0.281	ug/L	95
30) Cyclohexane	4.99	56	1789	0.293	ug/L	91
31) Carbon tetrachloride	5.13	117	1298	0.278	ug/L	93
33) Benzene	5.39	78	3870	0.307	ug/L	100
34) Trichloroethene	6.19	95	980	0.300	ug/L	91
35) Methylcyclohexane	6.41	83	1735	0.318	ug/L	91
38) Bromodichloromethane	6.76	83	1300	0.295	ug/L #	85
39) cis-1,3-Dichloropropene	7.28	75	1613	0.305	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	7957	2.879	ug/L #	88
42) Toluene	7.64	91	3992	0.295	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	1303	0.292	ug/L	92
45) 1,1,2-Trichloroethane	8.07	97	603	0.270	ug/L	81
47) Tetrachloroethene	8.23	164	807	0.305	ug/L	76
48) 2-Hexanone	8.37	43	6374	3.246	ug/L	97
49) Dibromochloromethane	8.48	129	657	0.231	ug/L	86
50) 1,2-Dibromoethane	8.59	107	576	0.266	ug/L #	83
51) Chlorobenzene	9.12	112	2447	0.293	ug/L	91
52) Ethylbenzene	9.25	91	4456	0.283	ug/L	94
53) m,p-xylene	9.38	106	1348	0.242	ug/L	88
54) o-xylene	9.79	106	1437	0.264	ug/L	94
55) Styrene	9.79	104	2543	0.276	ug/L	87
56) Isopropylbenzene	10.17	105	4313	0.286	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	833m	0.284	ug/L	
59) 1,2,3-Trichloropropane	10.50	75	652	0.280	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	1863	0.275	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	2214	0.323	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1827	0.287	ug/L #	90
67) 1,3,5-Trichlorobenzene	13.50	180	1182	0.217	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	1182	0.250	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	1126	0.259	ug/L #	95

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

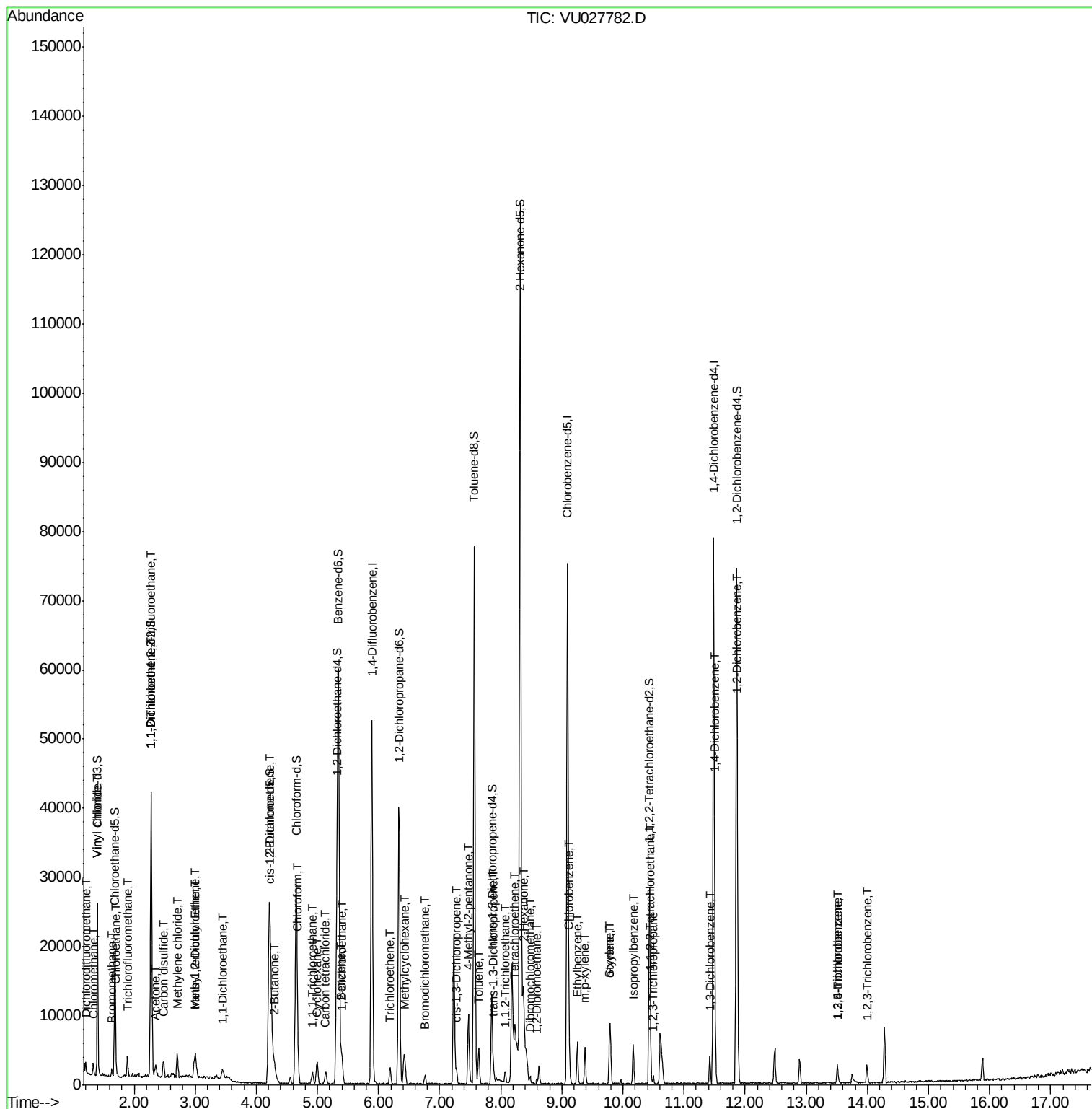
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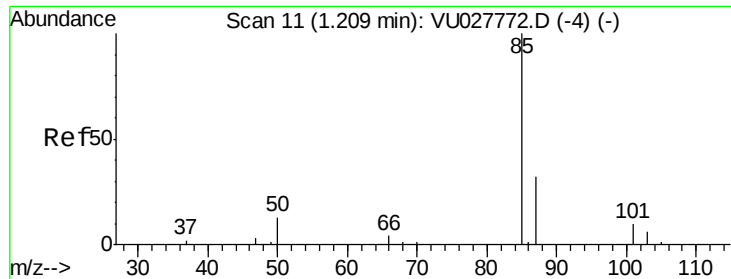
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#2

Dichlorodifluoromethane

Concen: 0.296 ug/L

RT: 1.21 min Scan# 11

Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 85 Resp: 1161

Ion Ratio Lower Upper

85 100

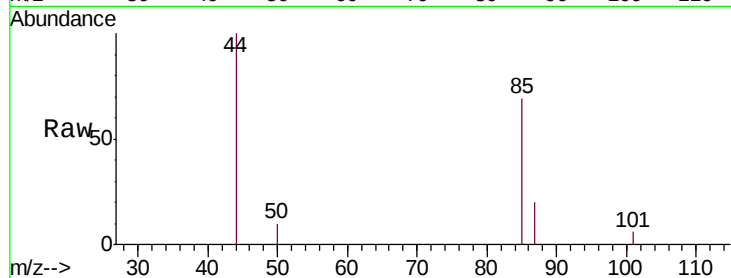
87 23.3 25.4 38.0#

Manual Integrations

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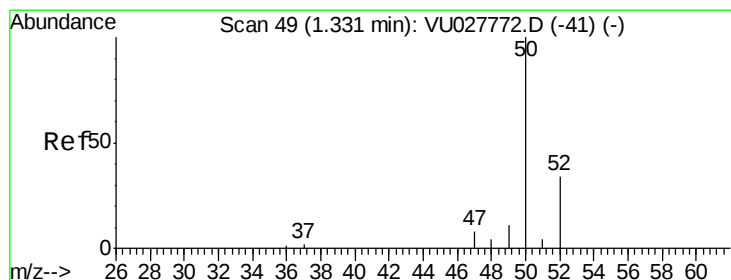
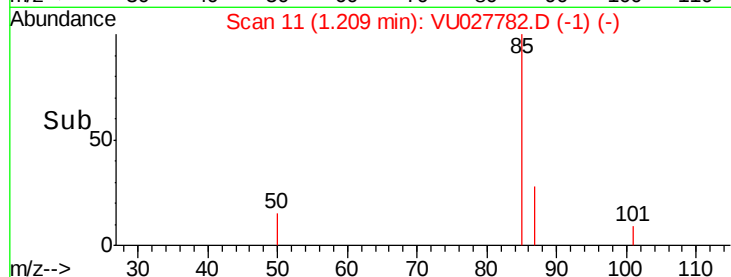
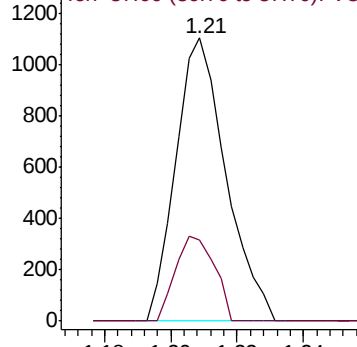
MMDadoda

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Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.280 ug/L

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027782.D

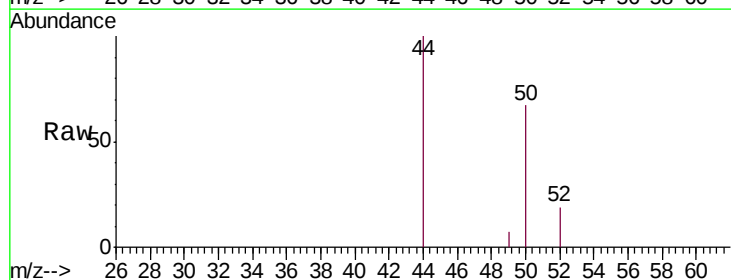
Acq: 24 Oct 2018 13:47

Tgt Ion: 50 Resp: 1235

Ion Ratio Lower Upper

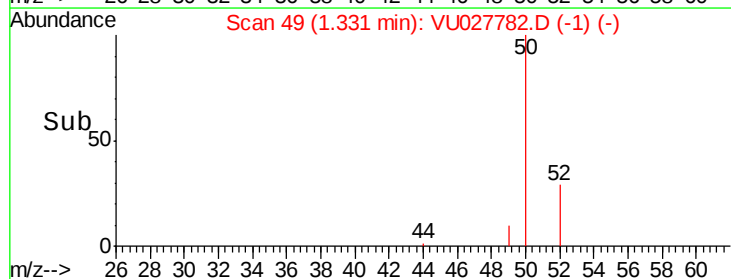
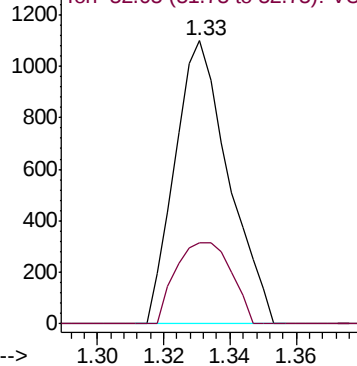
50 100

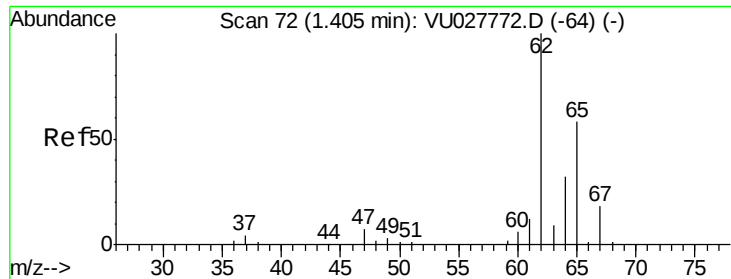
52 28.5 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 0.302 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 62 Resp: 1278

Ion Ratio Lower Upper

62 100

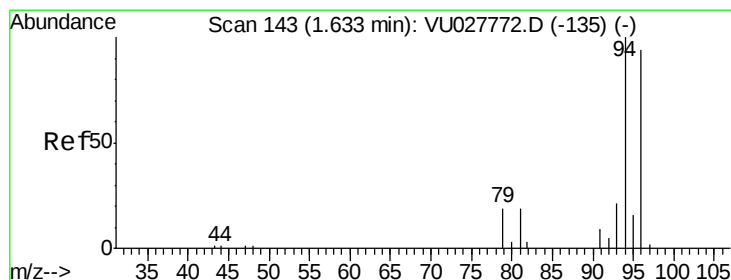
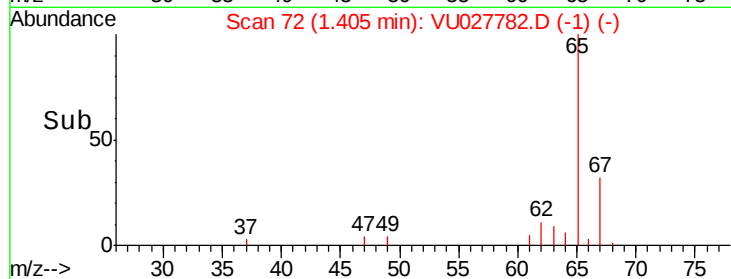
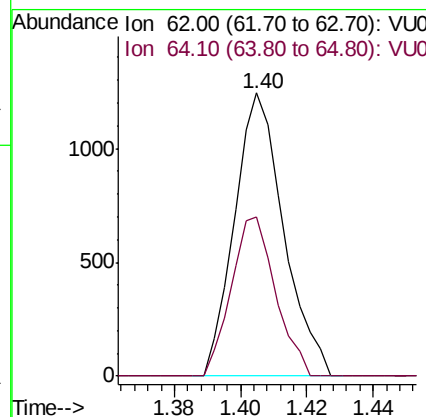
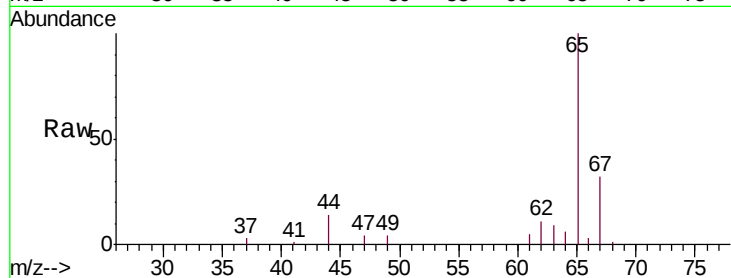
64 56.2 22.7 42.1#

Manual Integrations

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#6

Bromomethane

Concen: 0.252 ug/L

RT: 1.63 min Scan# 143

Delta R.T. -0.00 min

Lab File: VU027782.D

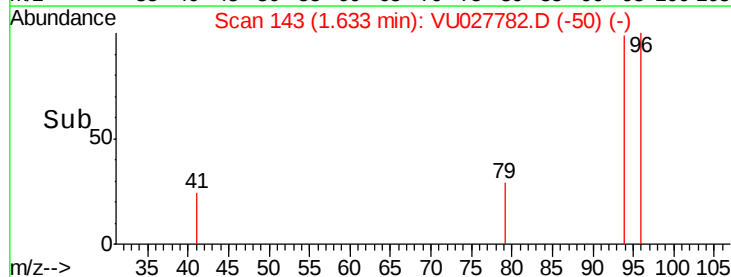
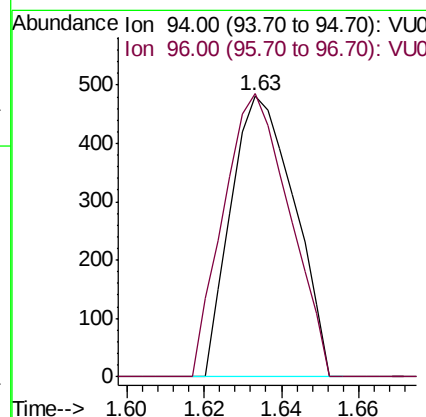
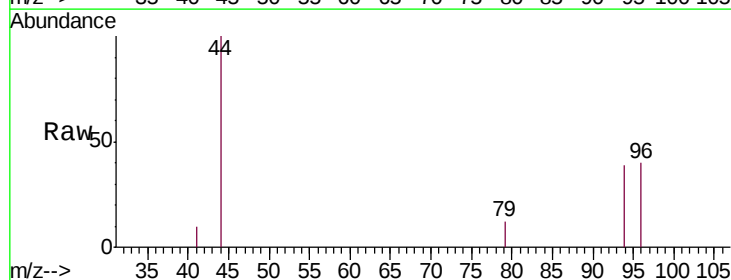
Acq: 24 Oct 2018 13:47

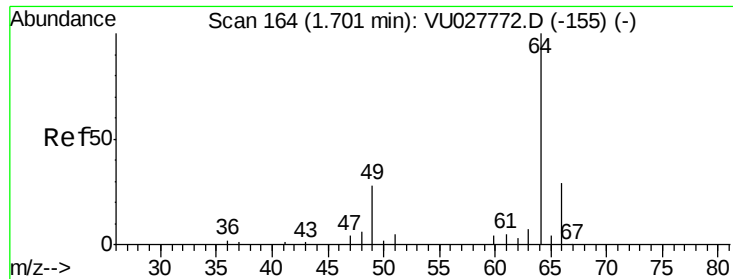
Tgt Ion: 94 Resp: 548

Ion Ratio Lower Upper

94 100

96 100.6 65.5 121.7





#8

Chloroethane

Concen: 0.279 ug/L

RT: 1.71 min Scan# 166

Delta R.T. 0.01 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

ClientSampled :

MDL06

Tgt Ion: 64 Resp: 639

Ion Ratio Lower Upper

64 100

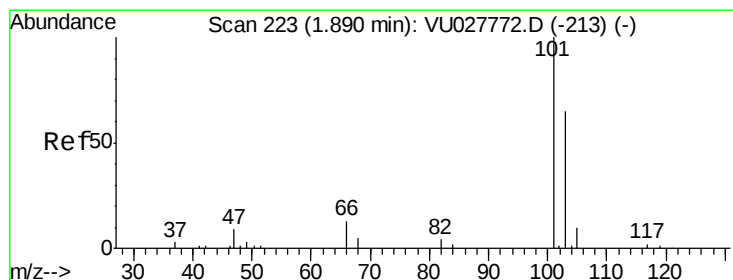
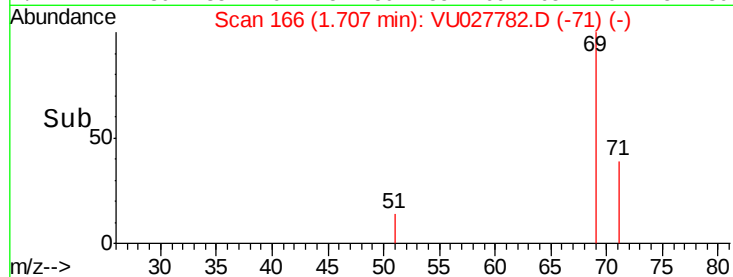
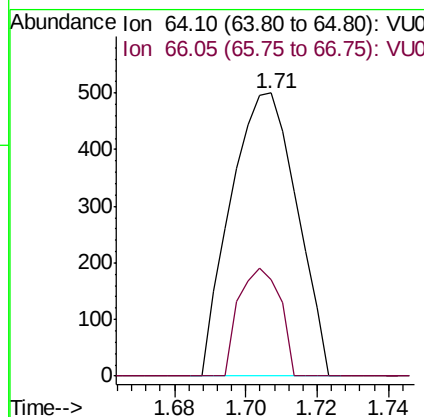
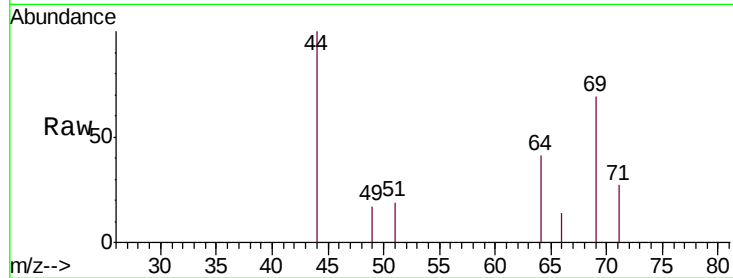
66 34.0 20.3 37.7

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 0.288 ug/L

RT: 1.89 min Scan# 223

Delta R.T. -0.00 min

Lab File: VU027782.D

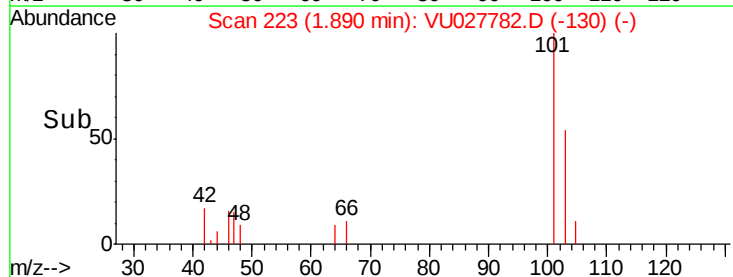
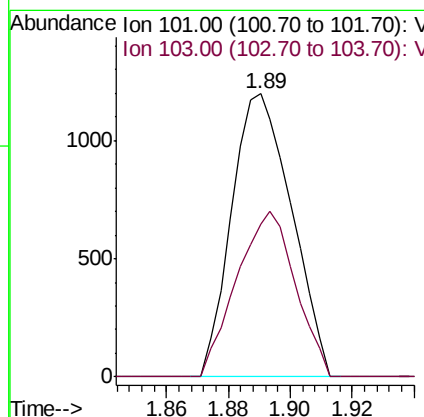
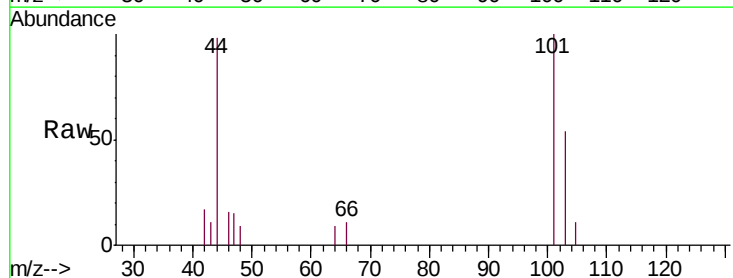
Acq: 24 Oct 2018 13:47

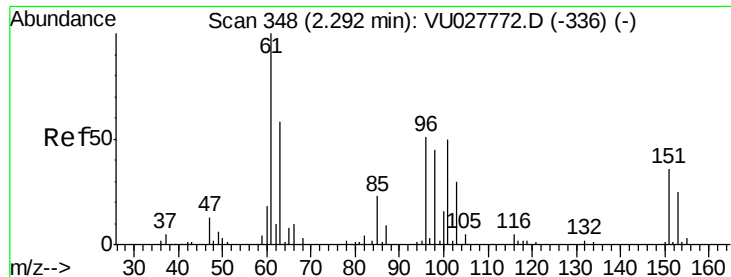
Tgt Ion: 101 Resp: 1613

Ion Ratio Lower Upper

101 100

103 57.2 51.0 76.4





#10

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

Concen: 0.321 ug/L

RT: 2.29 min Scan# 347

Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

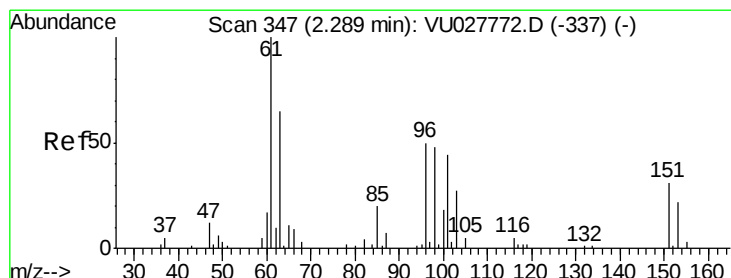
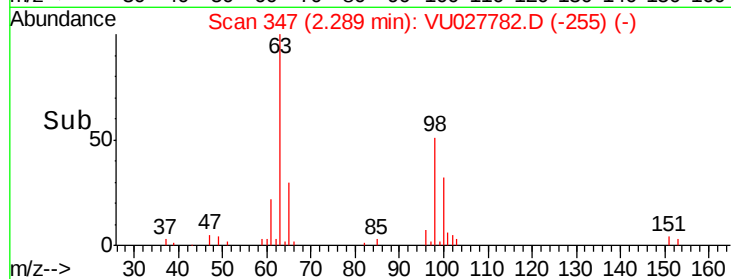
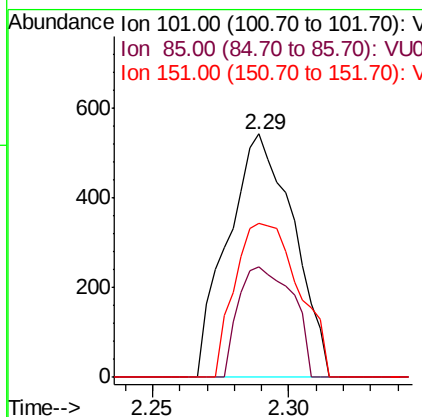
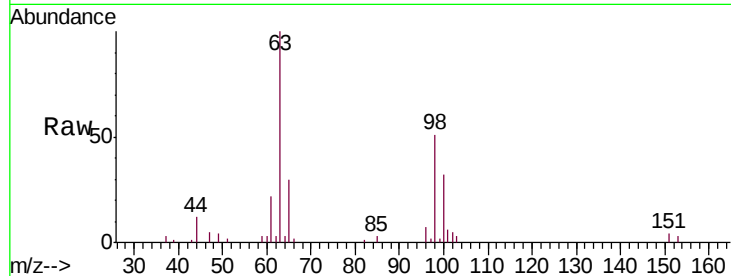
ClientSampleId :

MDL06

Tgt Ion:	101	Resp:	908
Ion Ratio	Lower	Upper	
101	100		
85	37.7	38.1	57.1#
151	61.7	57.0	85.4

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#12

1,1-Dichloroethene

Concen: 0.325 ug/L

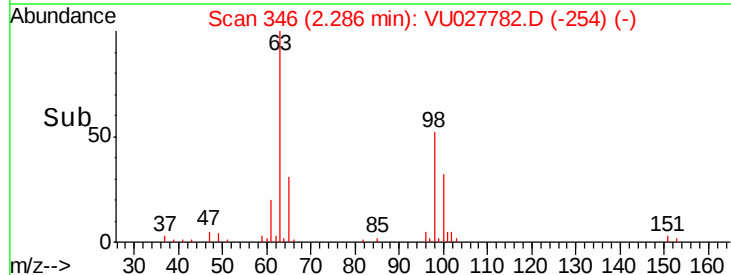
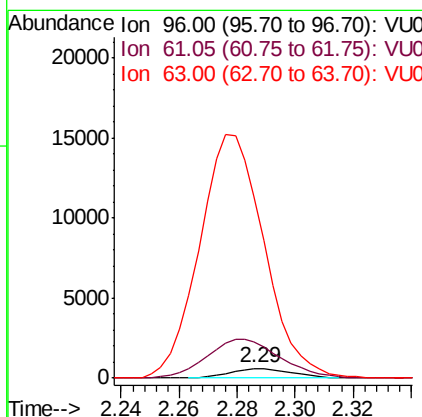
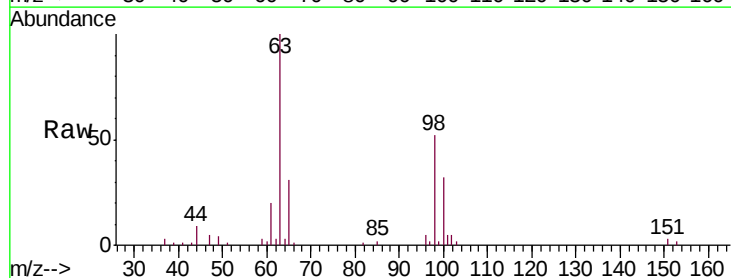
RT: 2.29 min Scan# 346

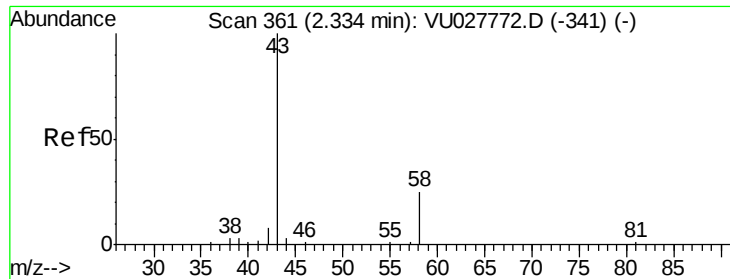
Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Tgt Ion:	96	Resp:	857
Ion Ratio	Lower	Upper	
96	100		
61	373.4	143.8	267.0#
63	1901.8	105.1	195.3#





#13

Acetone

Concen: 4.000 ug/L

RT: 2.35 min Scan# 367

Delta R.T. 0.02 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 43 Resp: 2890

Ion Ratio Lower Upper

43 100

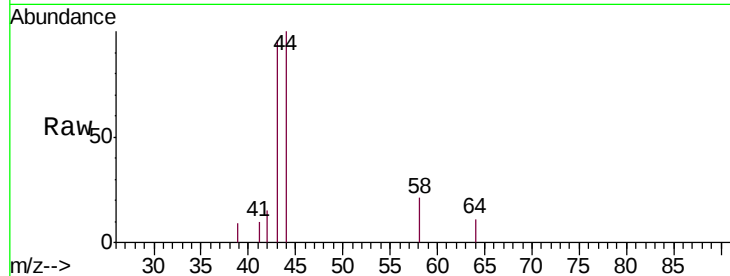
58 16.9 0.0 52.8

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.35

1200

1000

800

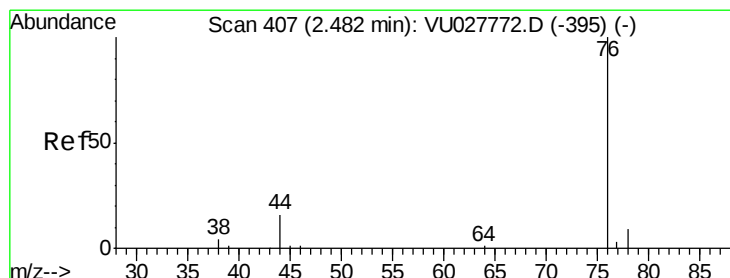
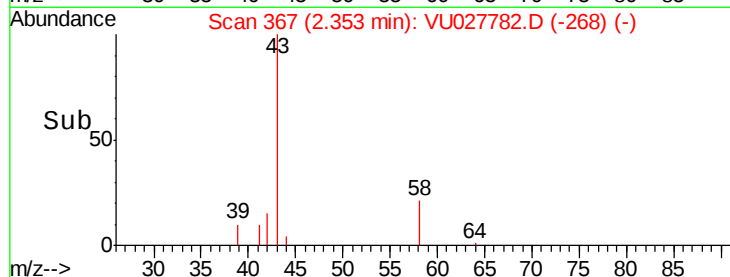
600

400

200

0

Time-->



#14

Carbon disulfide

Concen: 0.278 ug/L

RT: 2.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU027782.D

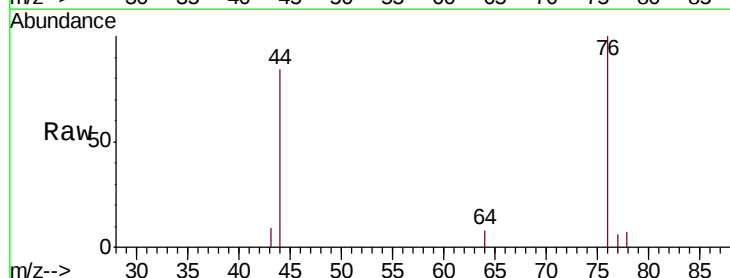
Acq: 24 Oct 2018 13:47

Tgt Ion: 76 Resp: 2512

Ion Ratio Lower Upper

76 100

78 7.4 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

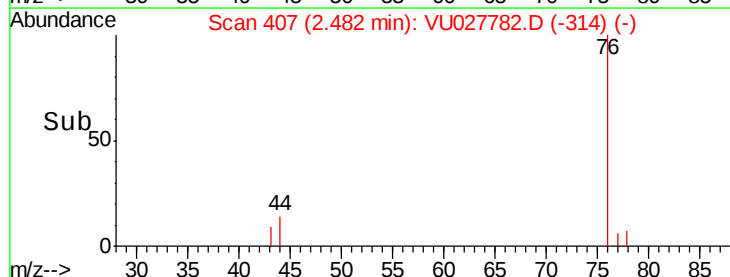
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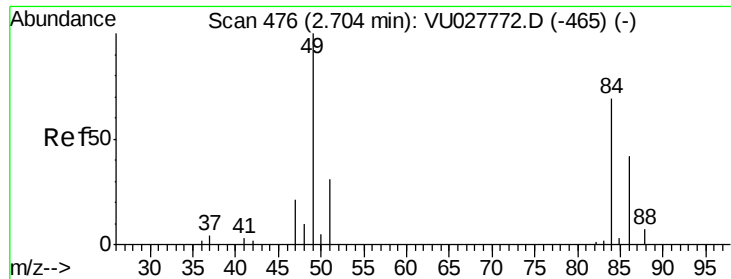
1000

500

0

Time-->





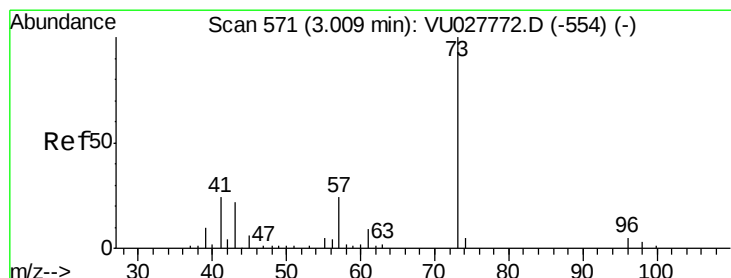
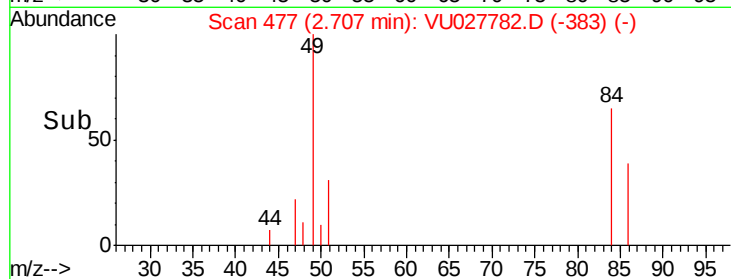
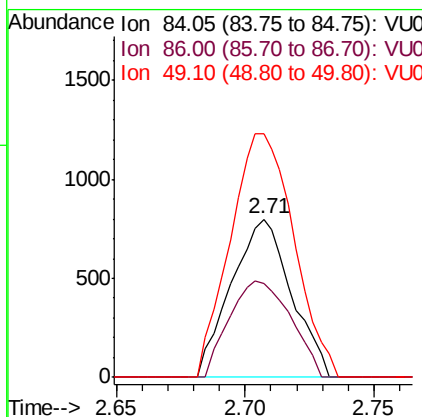
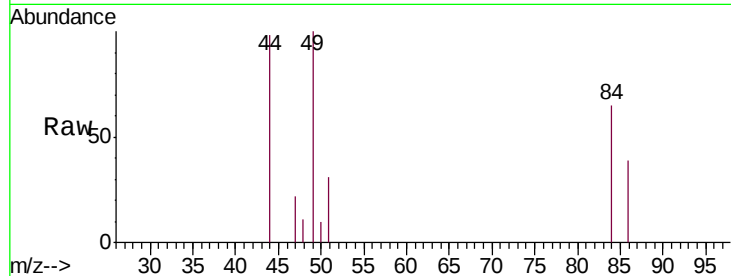
#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 84 Resp: 1296
Ion Ratio Lower Upper
84 100
86 59.6 42.8 79.4
49 153.8 101.4 188.4

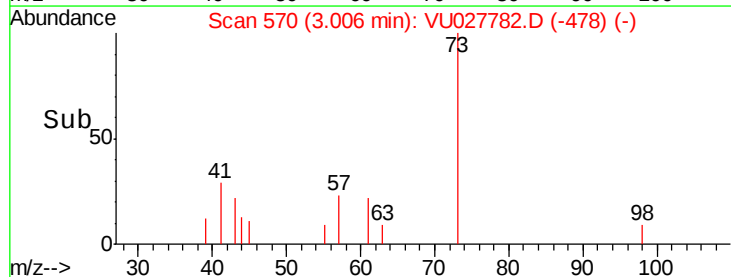
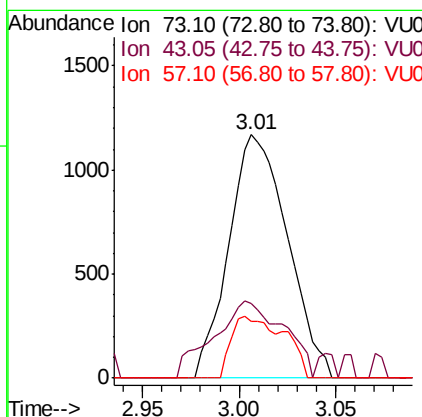
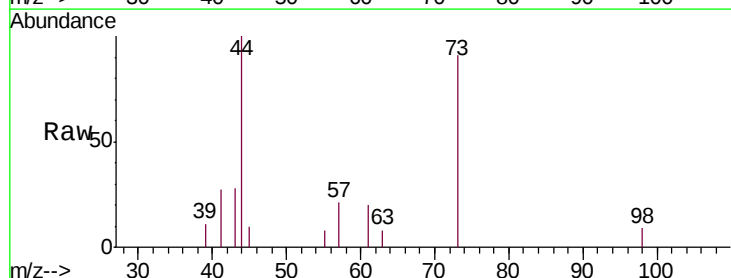
Manual Integrations
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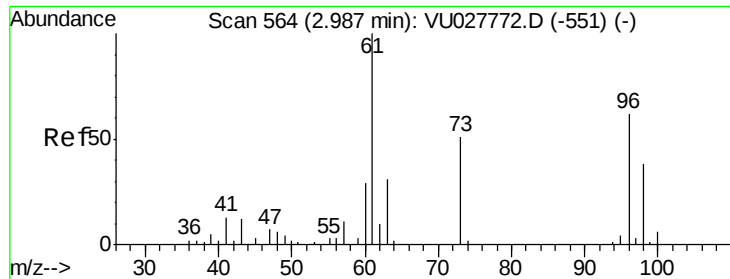
MMDadoda
10/26/2018 11:26:46 AM



#17
Methyl tert-butyl Ether
Concen: 0.291 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 73 Resp: 2459
Ion Ratio Lower Upper
73 100
43 37.7 18.6 28.0#
57 22.6 18.2 27.2





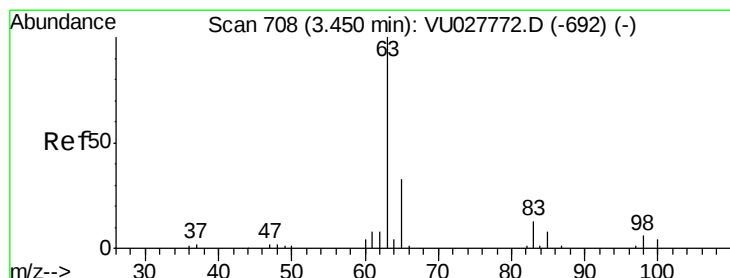
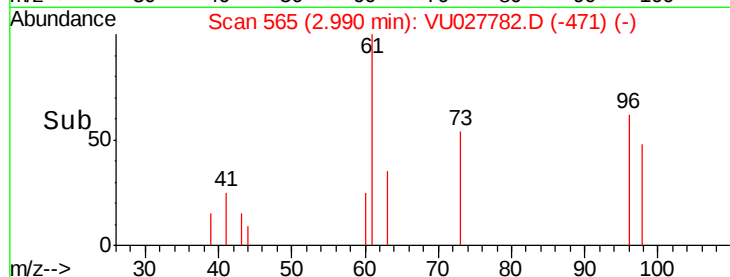
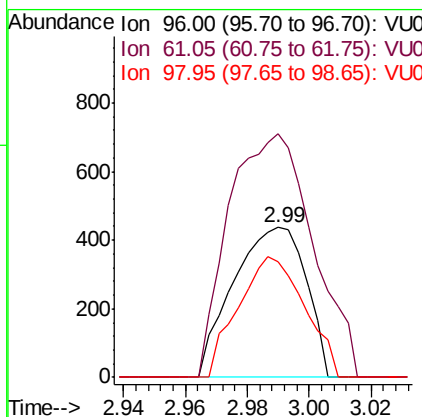
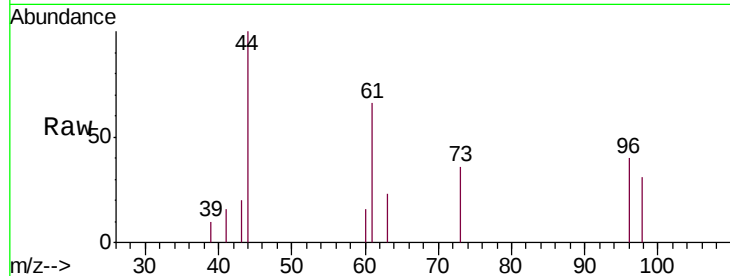
#18
trans-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 2.99 min Scan# 565
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleID :
MDL06

Tgt Ion: 96 Resp: 714
Ion Ratio Lower Upper
96 100
61 162.5 112.1 208.3
98 77.3 42.1 78.3

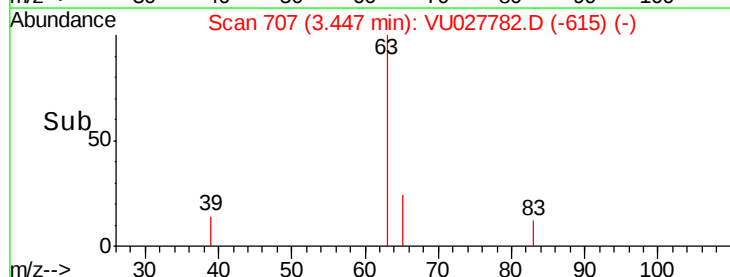
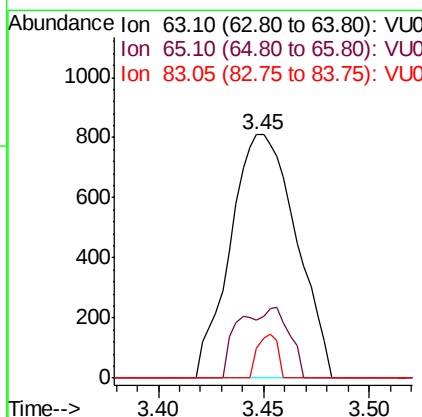
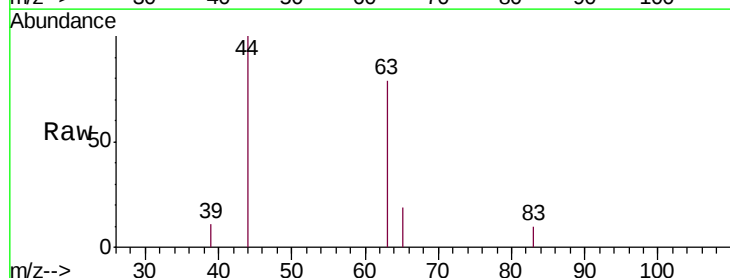
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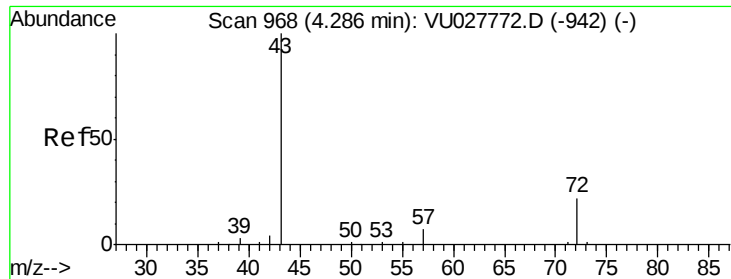
MMDadoda
10/26/2018 11:26:46 AM



#19
1,1-Dichloroethane
Concen: 0.281 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 63 Resp: 1752
Ion Ratio Lower Upper
63 100
65 24.1 23.1 42.9
83 12.3 9.2 17.0





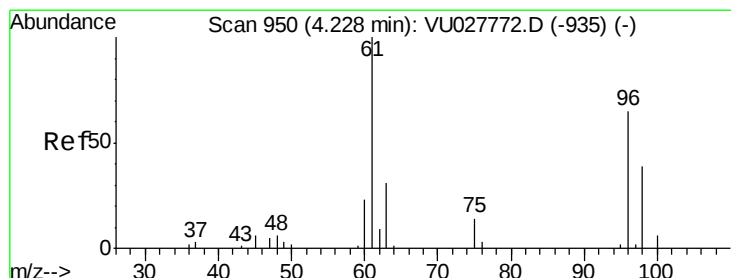
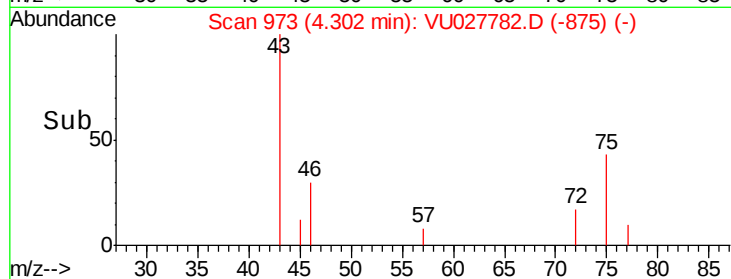
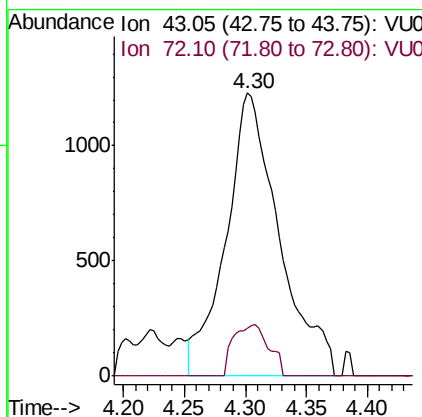
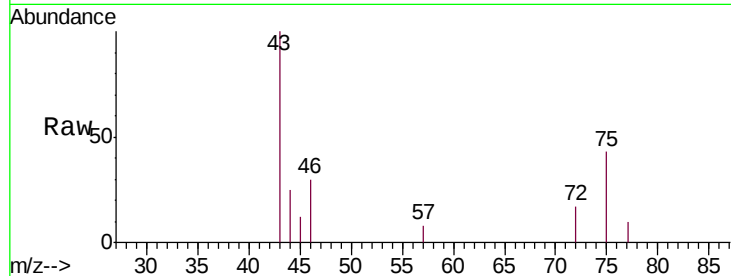
#21
 2-Butanone
 Concen: 3.144 ug/L
 RT: 4.30 min Scan# 973
 Delta R.T. 0.02 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleID :
 MDL06

Tgt Ion: 43 Resp: 3727
 Ion Ratio Lower Upper
 43 100
 72 12.0 10.5 31.6

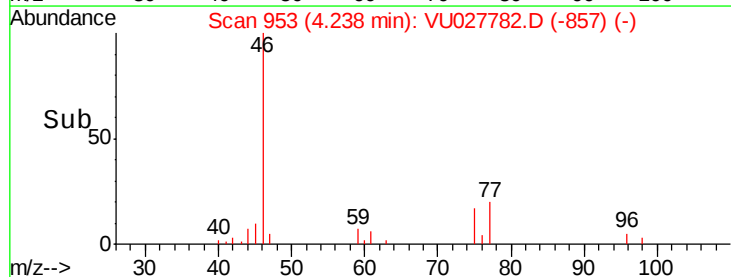
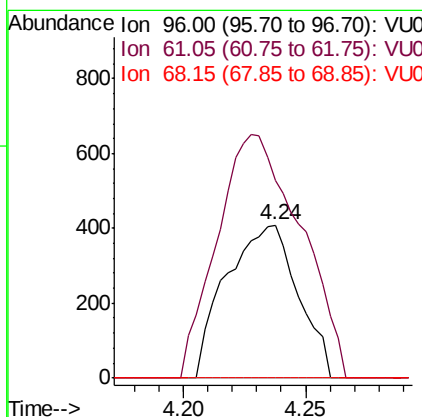
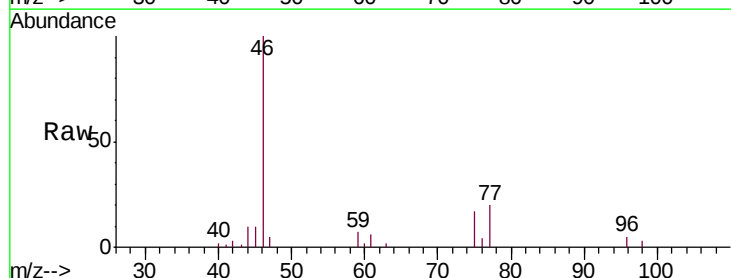
Manual Integrations
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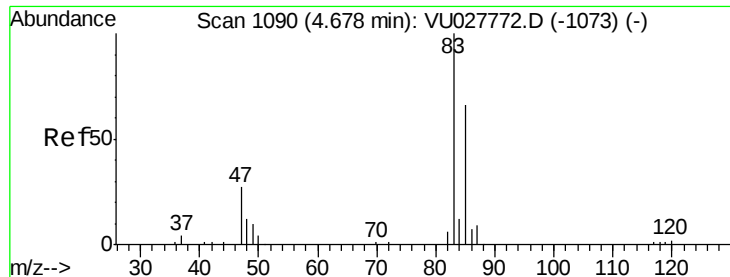
MMDadoda
 10/26/2018 11:26:46 AM



#22
 cis-1,2-Dichloroethene
 Concen: 0.249 ug/L
 RT: 4.24 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion: 96 Resp: 835
 Ion Ratio Lower Upper
 96 100
 61 129.1 107.2 199.0
 68 0.0 0.0 0.0





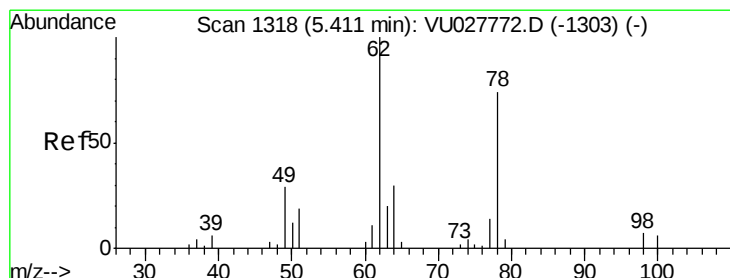
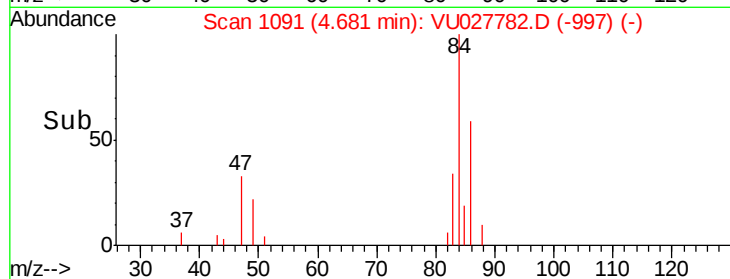
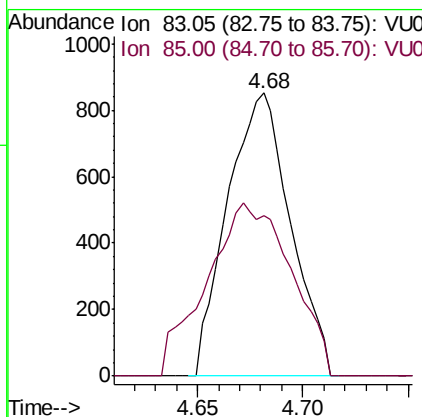
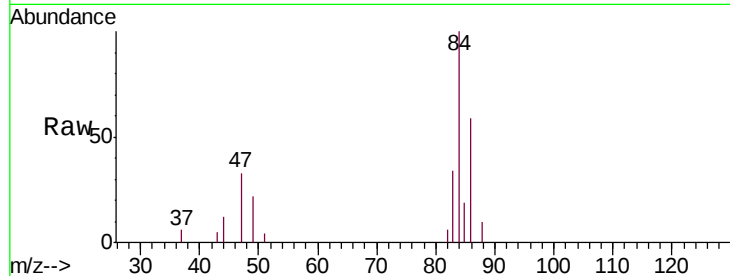
#25
Chloroform
Concen: 0.281 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 83 Resp: 1769
Ion Ratio Lower Upper
83 100
85 56.7 45.8 85.2

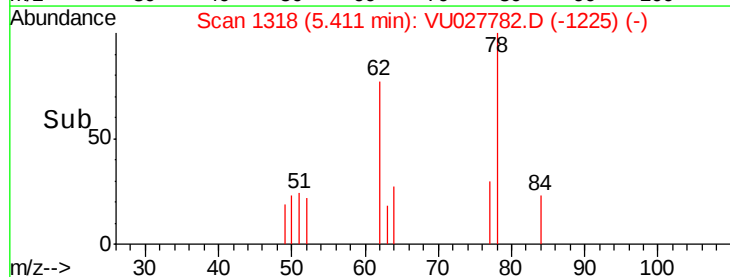
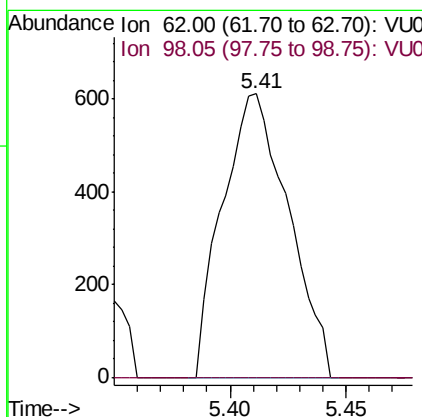
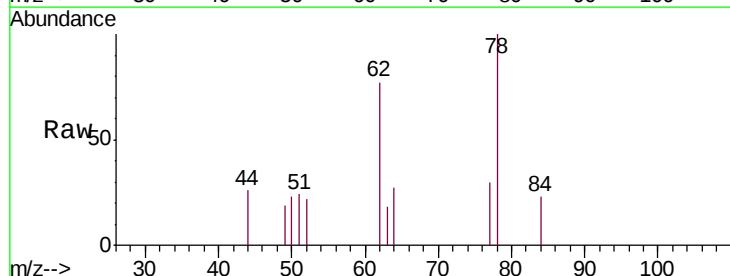
Manual Integrations
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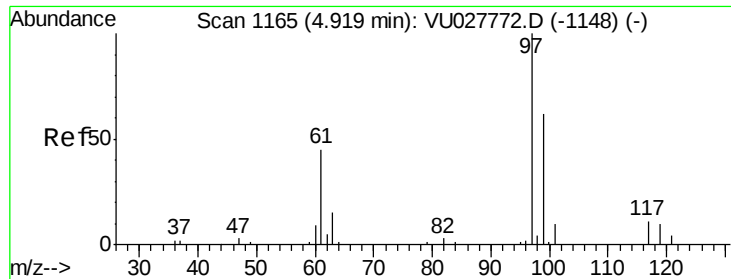
MMDadoda
10/26/2018 11:26:46 AM



#27
1,2-Dichloroethane
Concen: 0.259 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 62 Resp: 1205
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





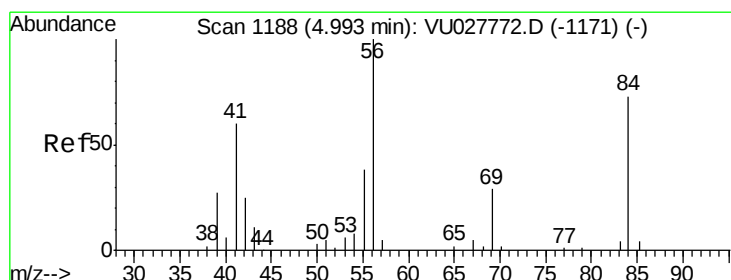
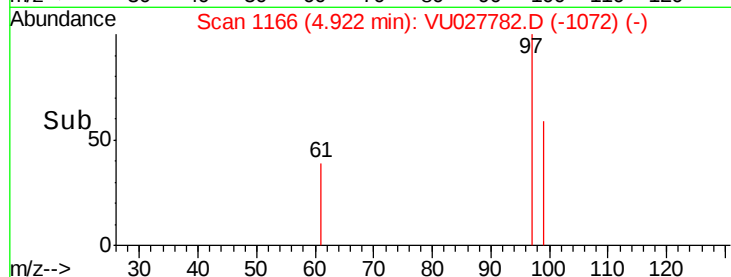
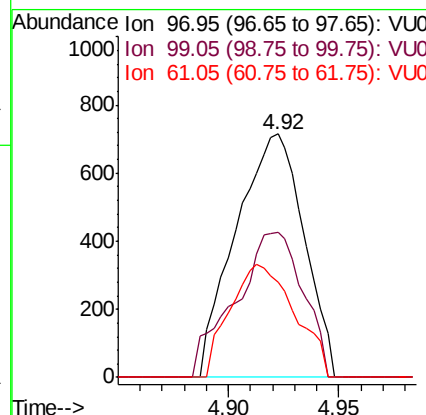
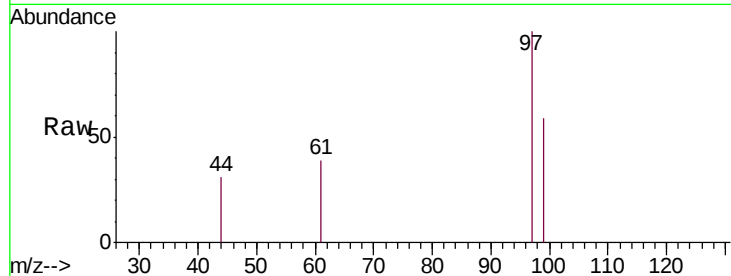
#29
 1,1,1-Trichloroethane
 Concen: 0.281 ug/L
 RT: 4.92 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleID :
 MDL06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	59.6	51.3	76.9
61	44.0	36.7	55.1

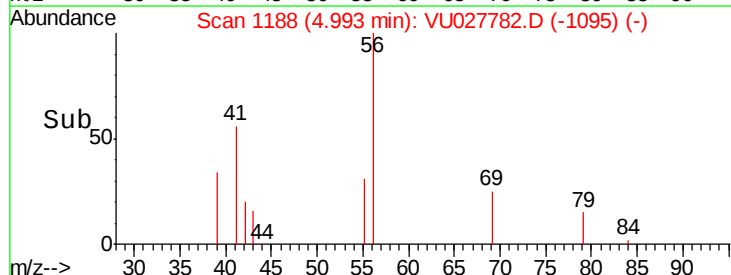
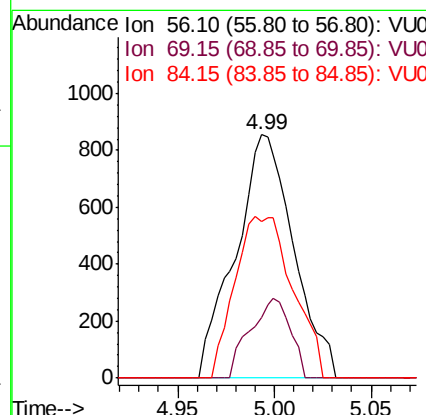
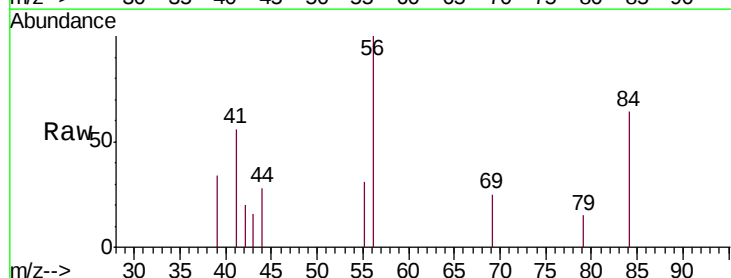
Manual Integrations
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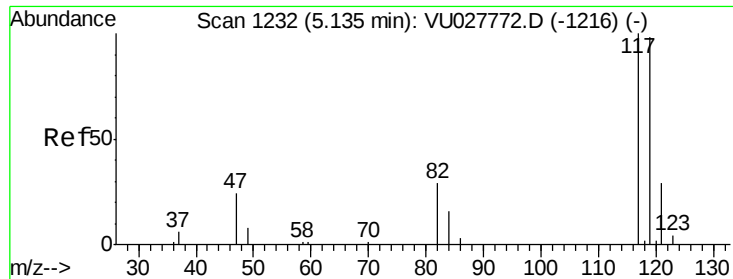
MMDadoda
 10/26/2018 11:26:46 AM



#30
 Cyclohexane
 Concen: 0.293 ug/L
 RT: 4.99 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
56	100		
69	22.5	22.2	33.4
84	66.0	58.6	88.0





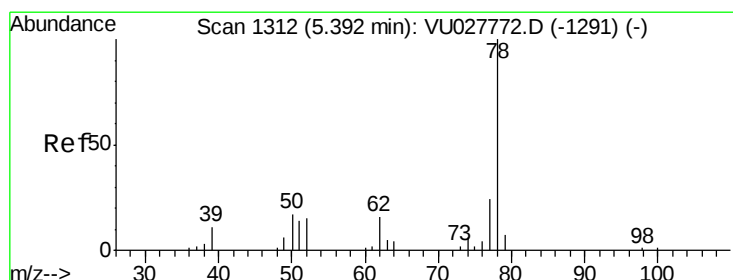
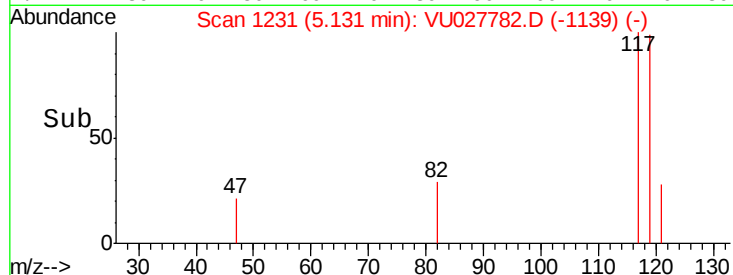
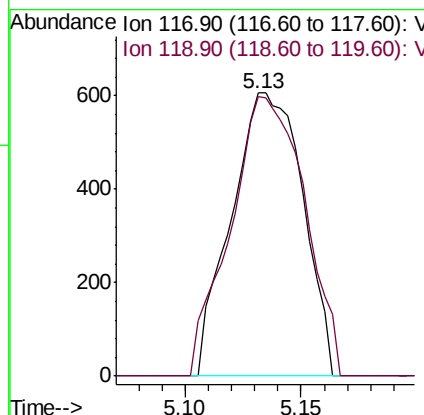
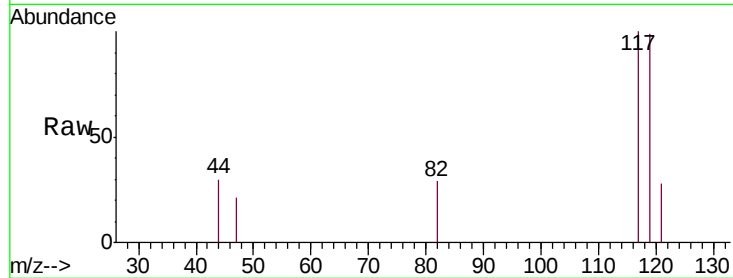
#31
Carbon tetrachloride
Concen: 0.278 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 1298
Ion Ratio Lower Upper
117 100
119 102.7 77.0 115.6

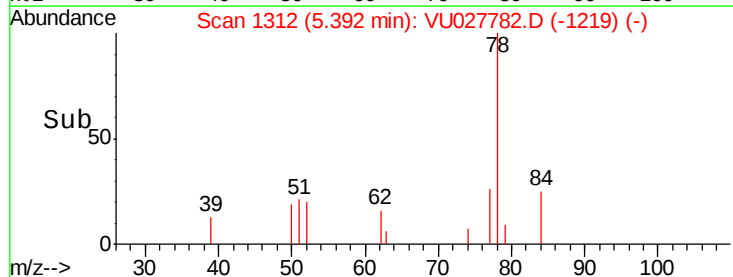
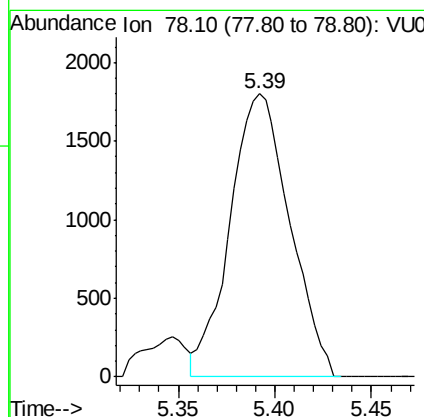
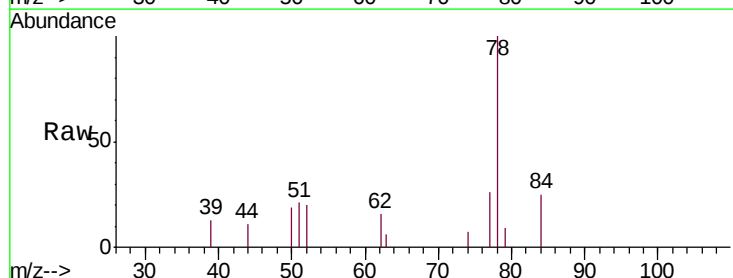
Manual Integrations
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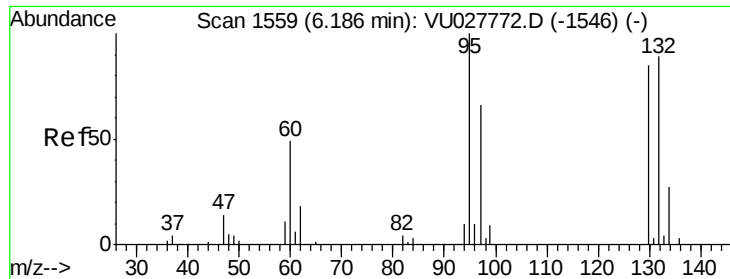
MMDadoda
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#33
Benzene
Concen: 0.307 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion: 78 Resp: 3870





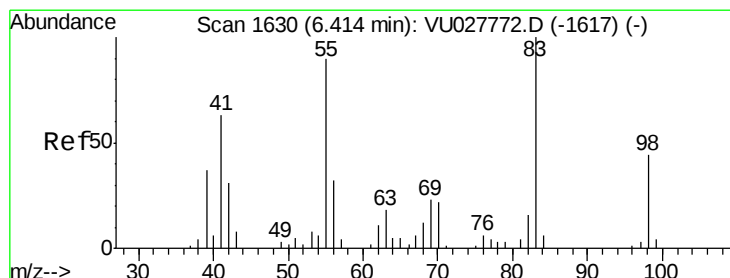
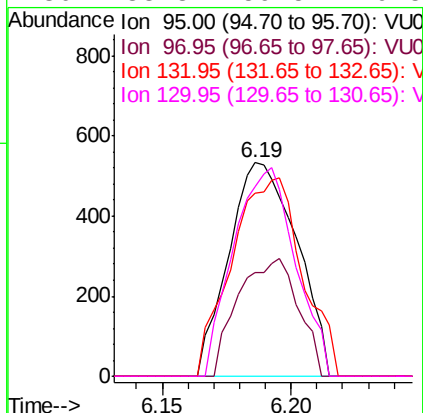
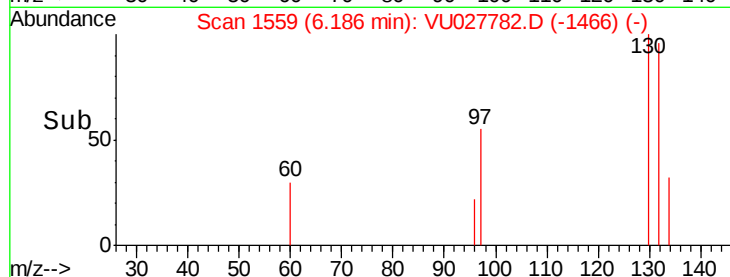
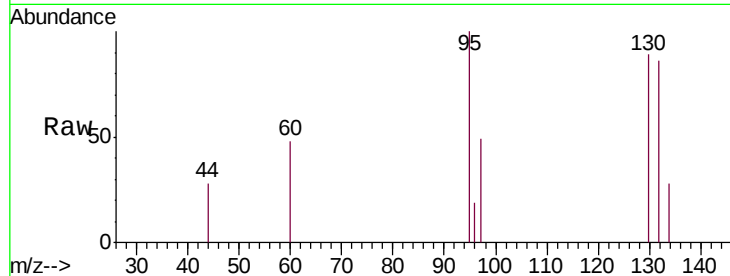
#34
 Trichloroethene
 Concen: 0.300 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion	Ratio	Lower	Upper
95	100		
97	48.5	46.4	86.2
132	85.6	62.0	115.2
130	88.8	59.5	110.5

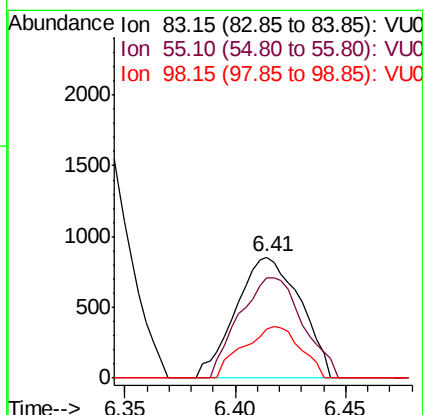
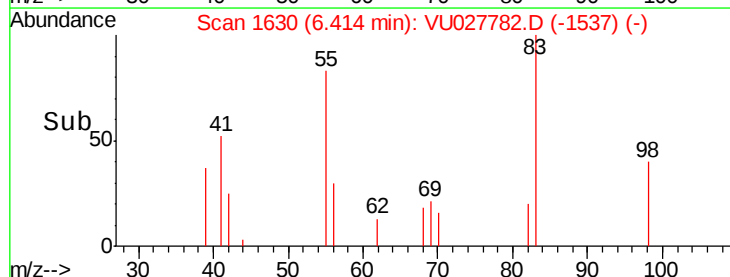
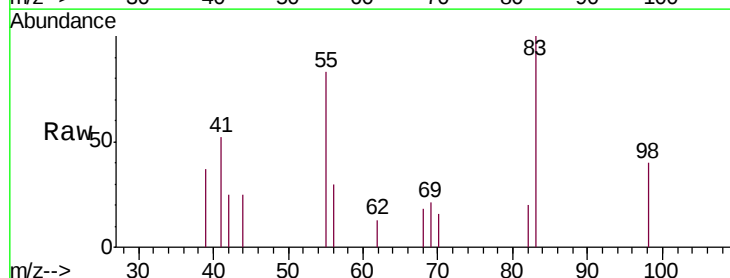
Manual Integrations
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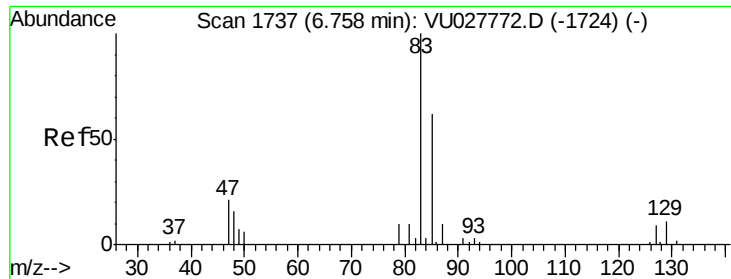
MMDadoda
 10/26/2018 11:26:46 AM



#35
 Methylcyclohexane
 Concen: 0.318 ug/L
 RT: 6.41 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.0	71.5	107.3
98	37.6	35.4	53.0





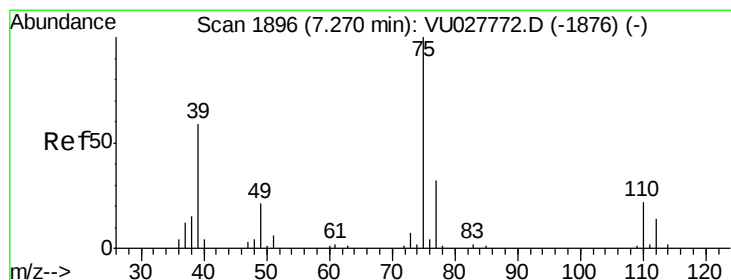
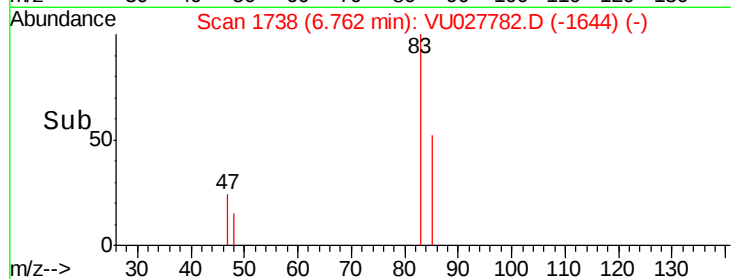
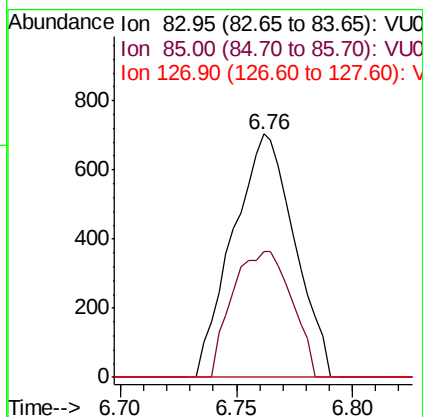
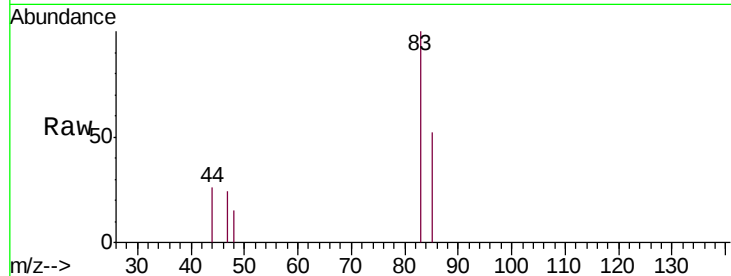
#38
 Bromodichloromethane
 Concen: 0.295 ug/L
 RT: 6.76 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion: 83 Resp: 1300
 Ion Ratio Lower Upper
 83 100
 85 51.6 43.3 80.5
 127 0.0 7.2 10.8#

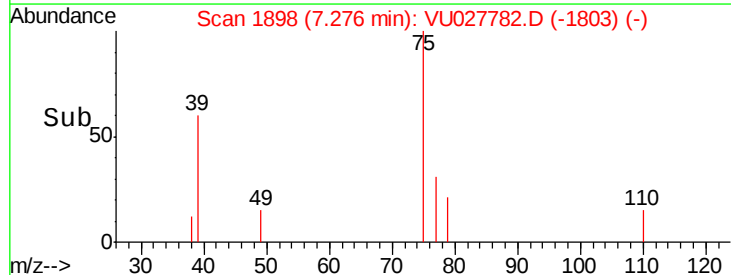
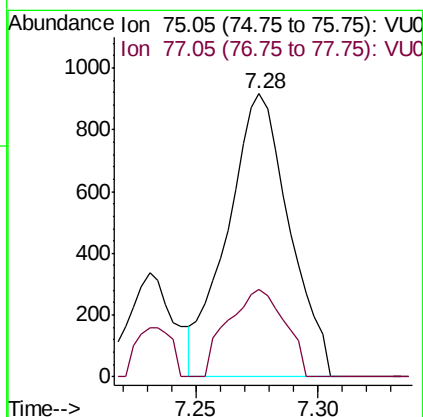
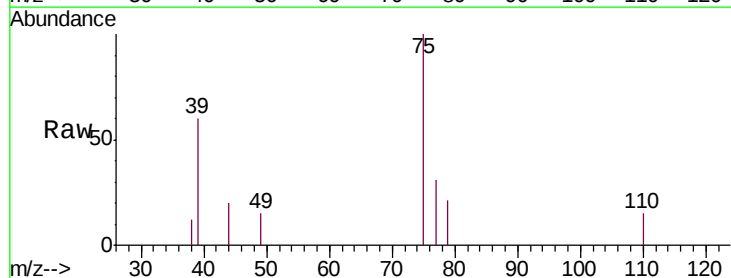
Manual Integrations
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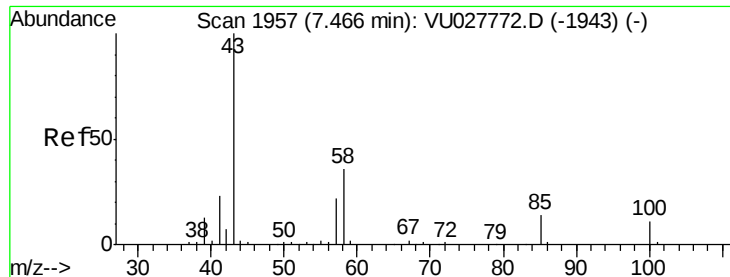
MMDadoda
 10/26/2018 11:26:46 AM



#39
 cis-1,3-Dichloropropene
 Concen: 0.305 ug/L
 RT: 7.28 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion: 75 Resp: 1613
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.5 41.7





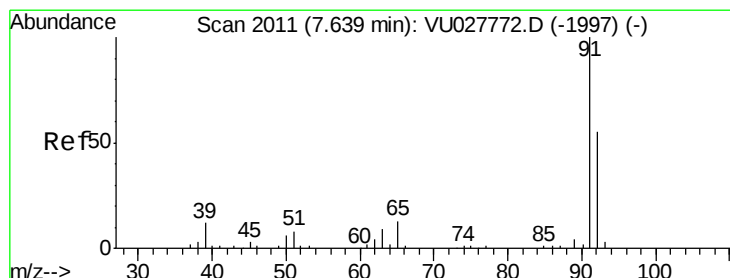
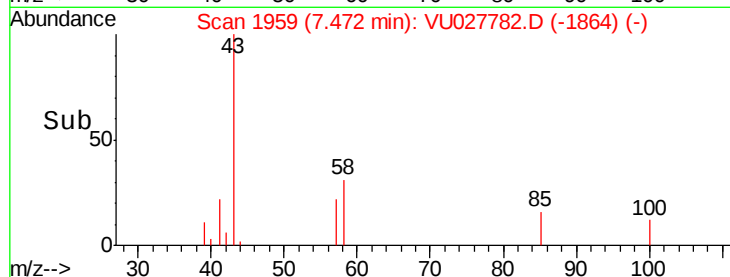
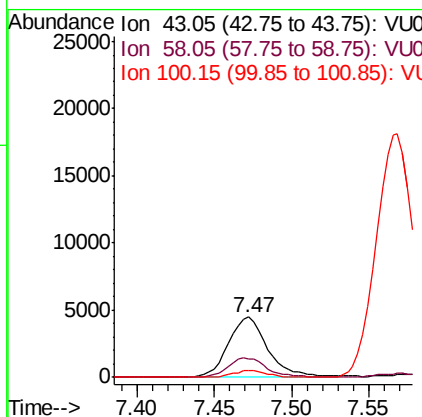
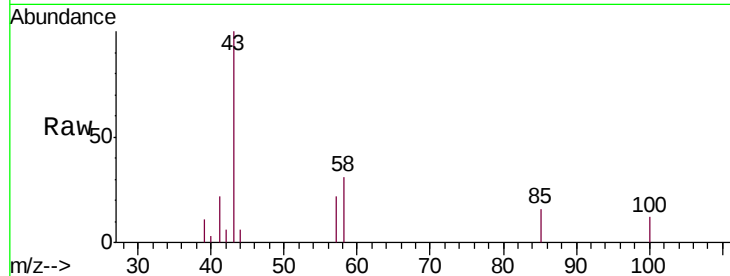
#40
4-Methyl-2-pentanone
Concen: 2.879 ug/L
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	28.1	42.1
100	0.0	8.7	13.1

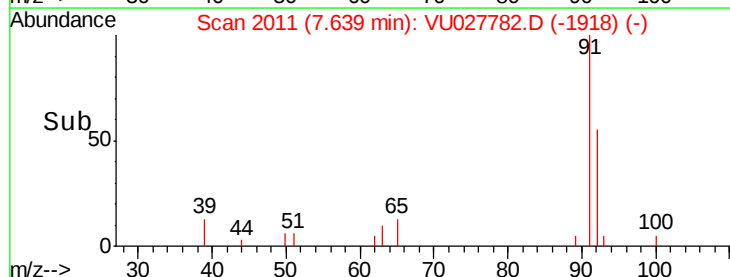
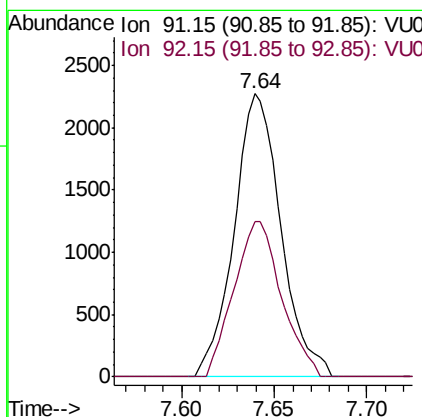
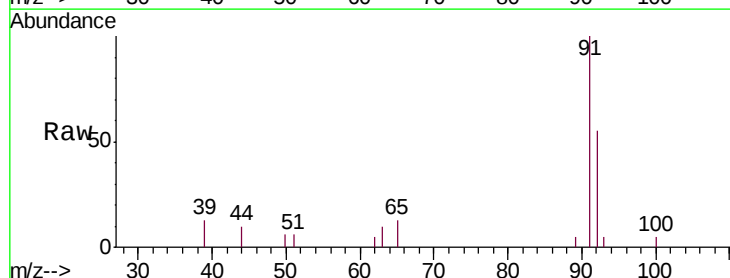
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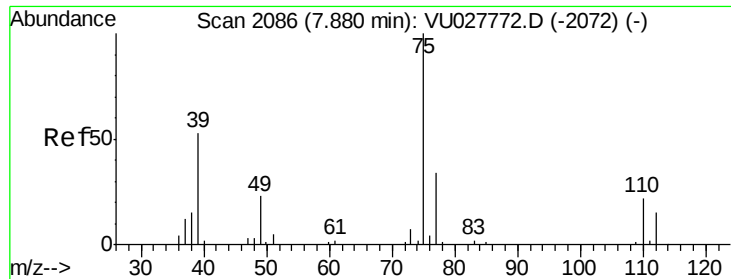
MMDadoda
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#42
Toluene
Concen: 0.295 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	38.6	71.8





#44

trans-1,3-Dichloropropene

Concen: 0.292 ug/L

RT: 7.89 min Scan# 2088

Delta R.T. 0.01 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

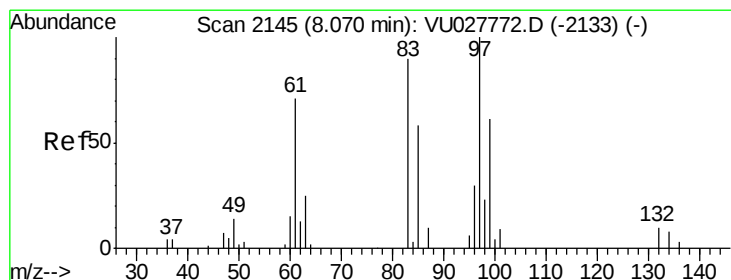
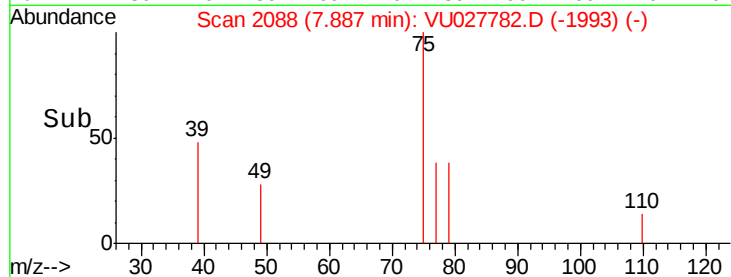
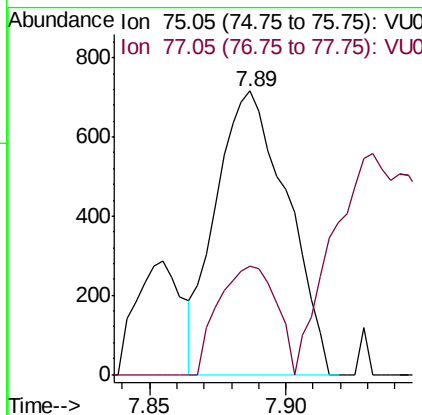
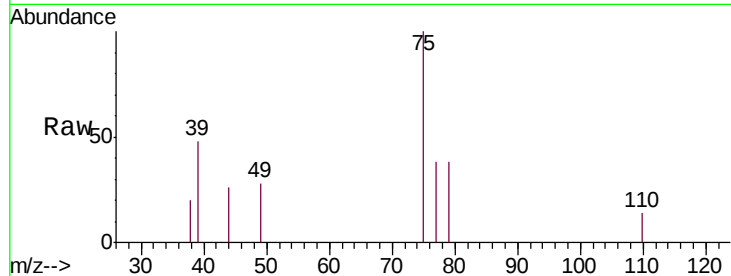
ClientSampleId :

MDL06

Tgt Ion: 75 Resp: 1303
 Ion Ratio Lower Upper
 75 100
 77 38.1 23.5 43.7

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#45

1,1,2-Trichloroethane

Concen: 0.270 ug/L

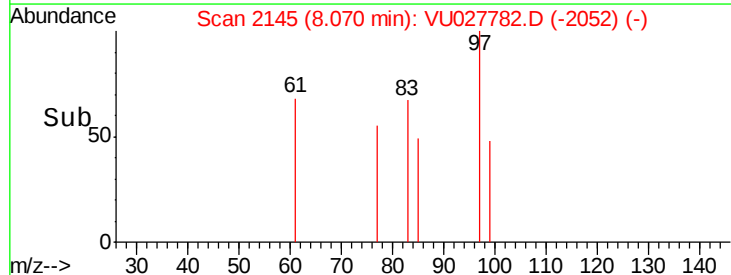
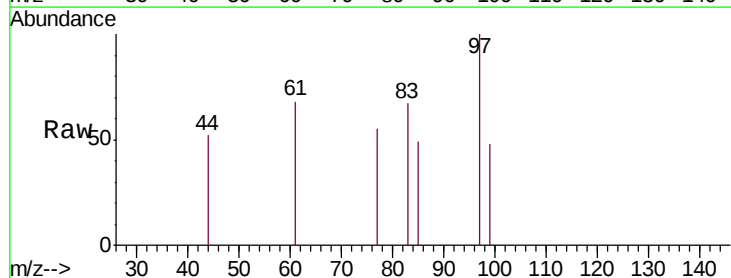
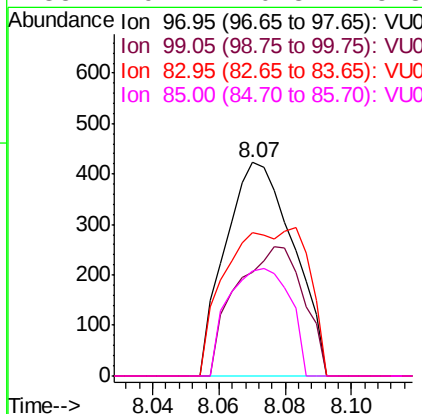
RT: 8.07 min Scan# 2145

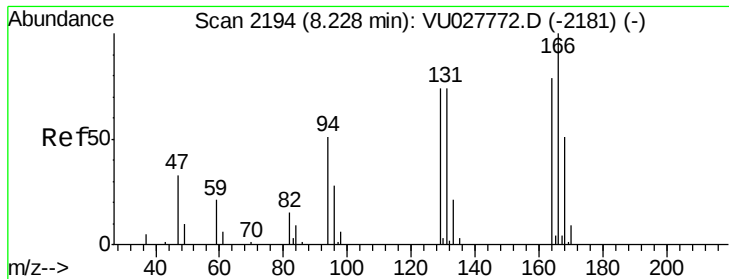
Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Tgt Ion: 97 Resp: 603
 Ion Ratio Lower Upper
 97 100
 99 48.2 42.8 79.6
 83 67.1 62.9 116.9
 85 49.2 40.8 75.8





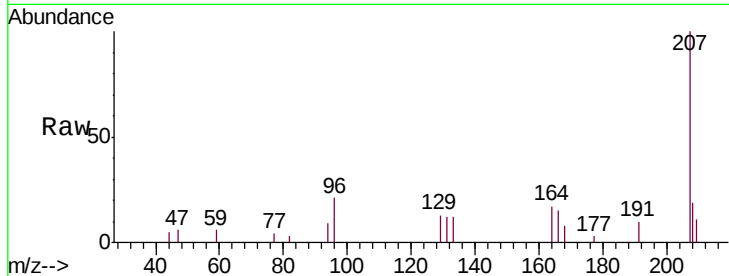
#47
Tetrachloroethene
Concen: 0.305 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

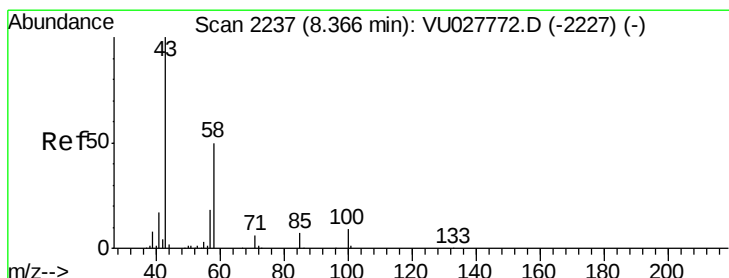
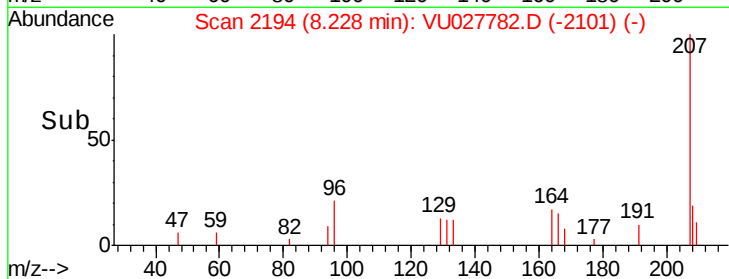
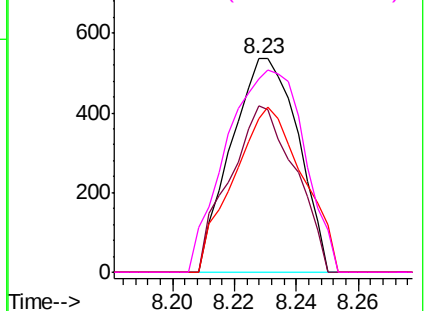
Tgt Ion:	164	Resp:	807
Ion	Ratio	Lower	Upper
164	100		
129	78.2	65.6	121.8
131	72.0	65.0	120.8
166	90.7	88.3	164.1

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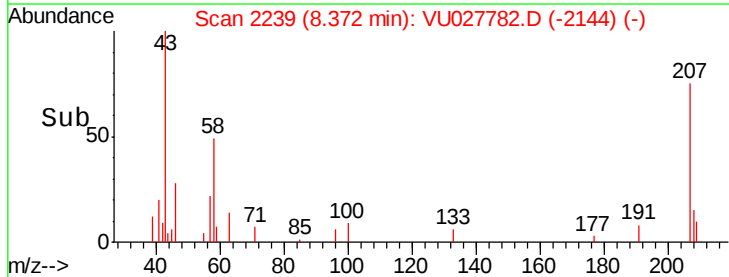
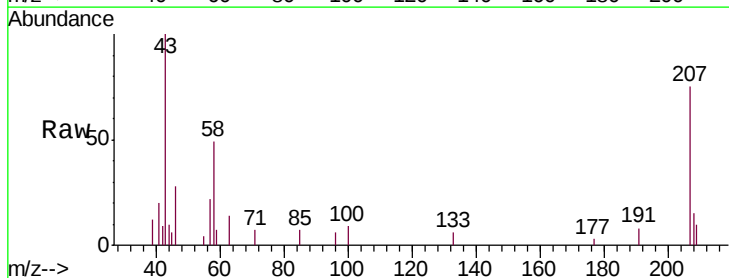
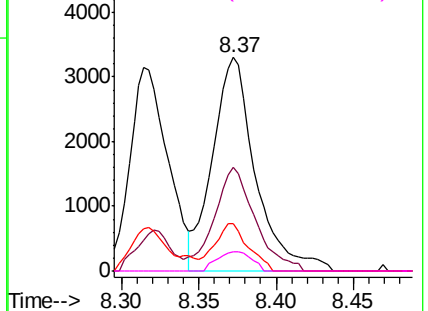
Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

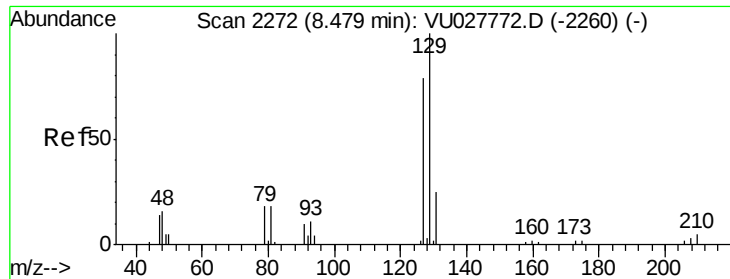


#48
2-Hexanone
Concen: 3.246 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:	43	Resp:	6374
Ion	Ratio	Lower	Upper
43	100		
58	46.3	39.4	59.0
57	17.3	13.8	20.8
100	7.1	6.7	10.1

Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





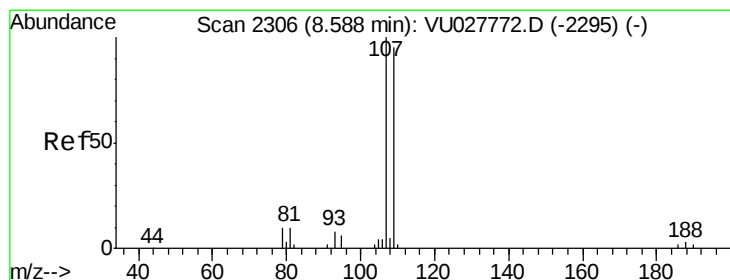
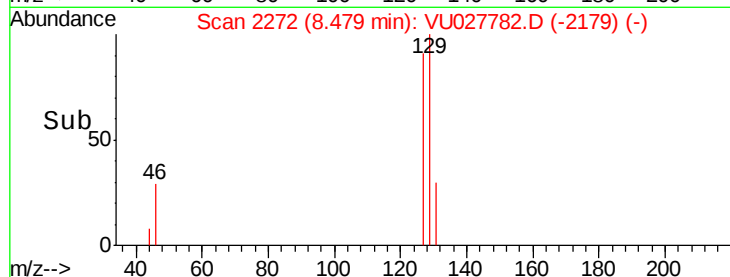
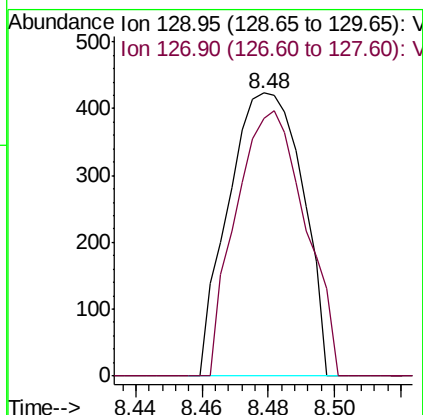
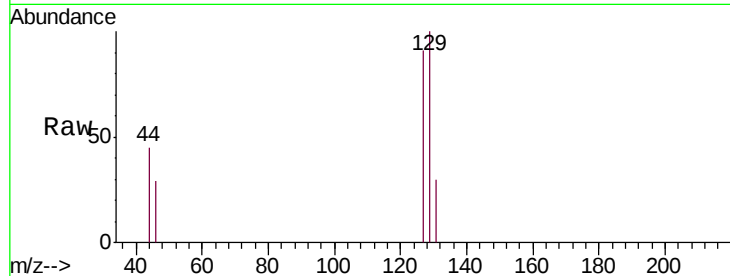
#49
Dibromochloromethane
Concen: 0.231 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	91.3	55.2	102.4

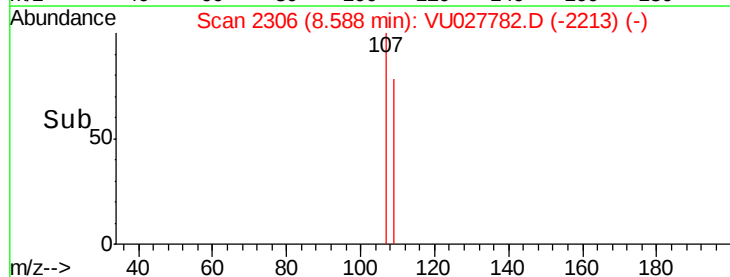
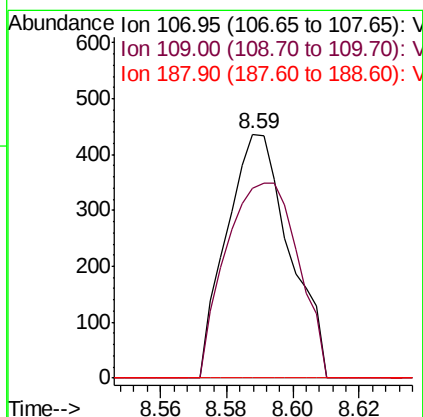
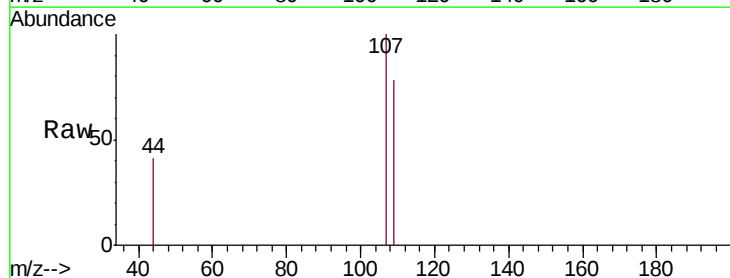
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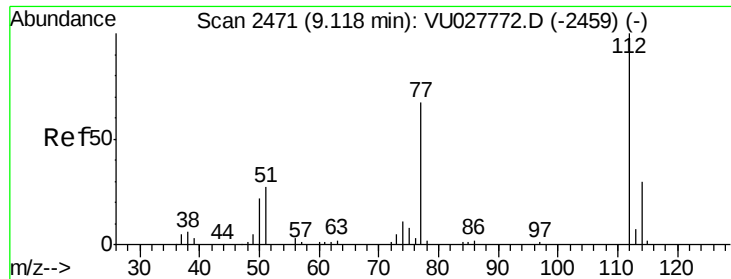
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#50
1,2-Dibromoethane
Concen: 0.266 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
109	77.8	66.3	123.1
188	0.0	2.6	3.8#





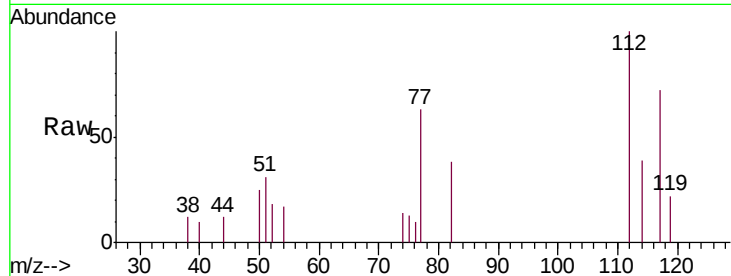
#51
Chlorobenzene
Concen: 0.293 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampled :
MDL06

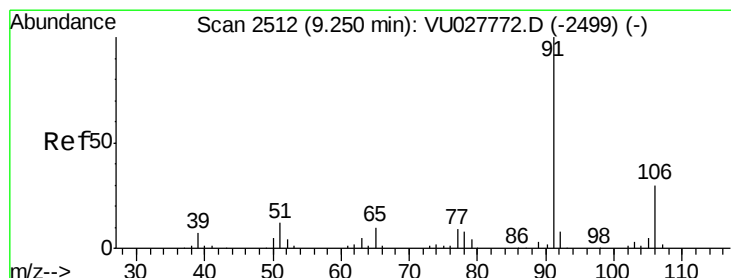
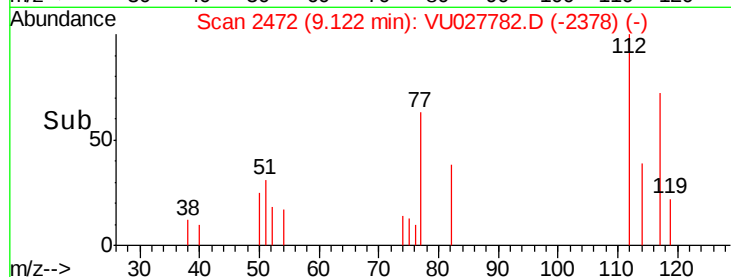
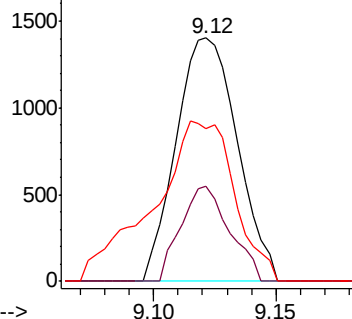
Tgt Ion	Ratio	Lower	Upper
112	100		
114	39.1	21.2	39.4
77	62.7	54.2	81.4

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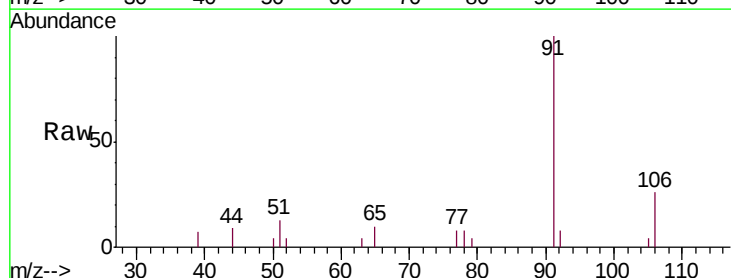


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

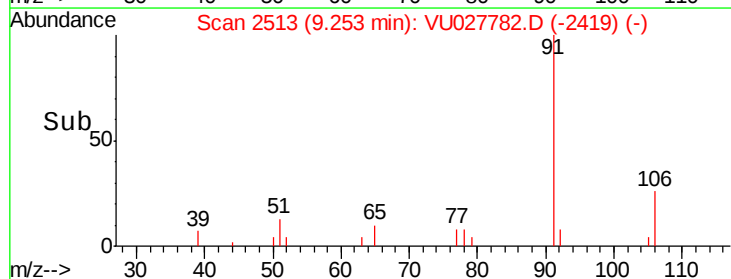
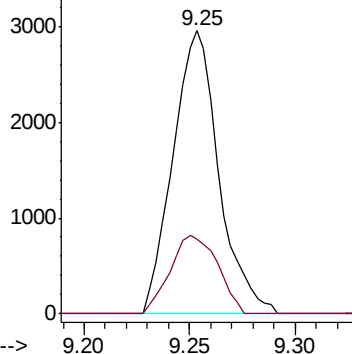


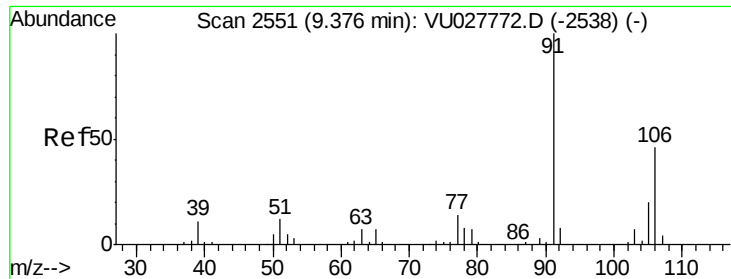
#52
Ethylbenzene
Concen: 0.283 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.5	20.6	38.4



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





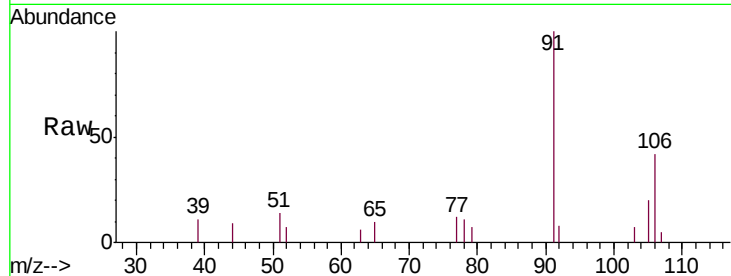
#53
m,p-xylene
Concen: 0.242 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Instrument :
MSVOA_U
ClientSampleId :
MDL06

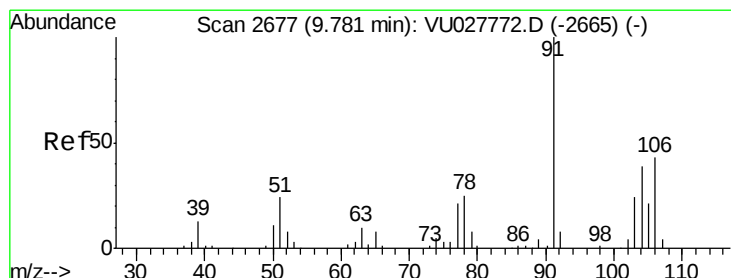
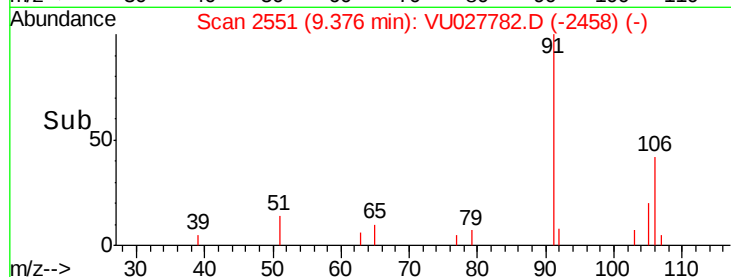
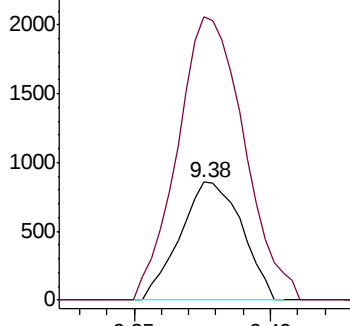
Tgt Ion:106 Resp: 1348
Ion Ratio Lower Upper
106 100
91 239.6 154.1 286.3

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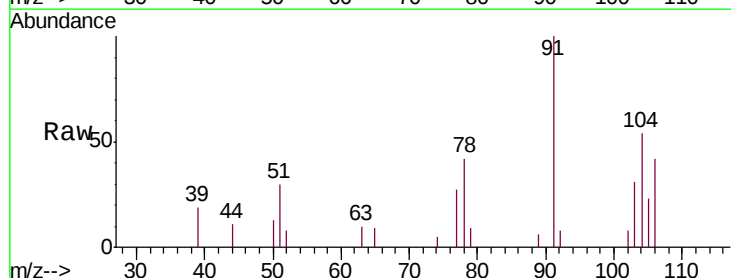


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

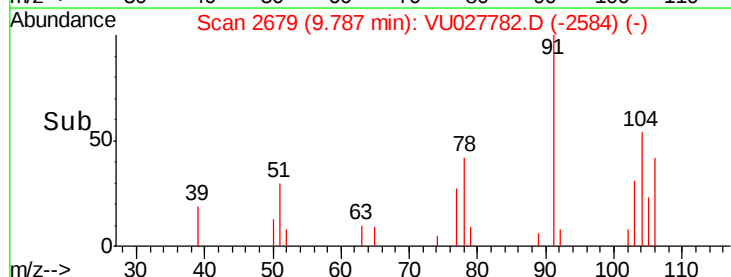
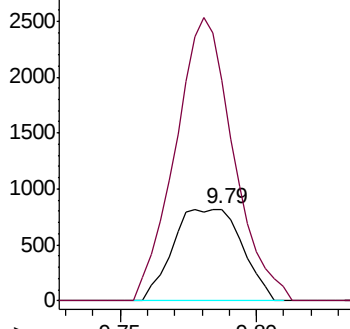


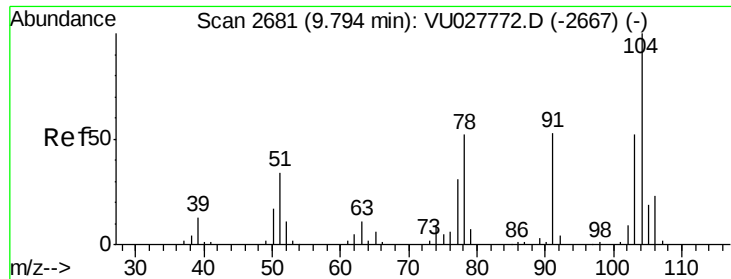
#54
o-xylene
Concen: 0.264 ug/L
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU027782.D
Acq: 24 Oct 2018 13:47

Tgt Ion:106 Resp: 1437
Ion Ratio Lower Upper
106 100
91 240.4 161.3 299.7



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





#55

Styrene

Concen: 0.276 ug/L

RT: 9.79 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

ClientSampled :

MDL06

Tgt Ion:104 Resp: 2543

Ion Ratio Lower Upper

104 100

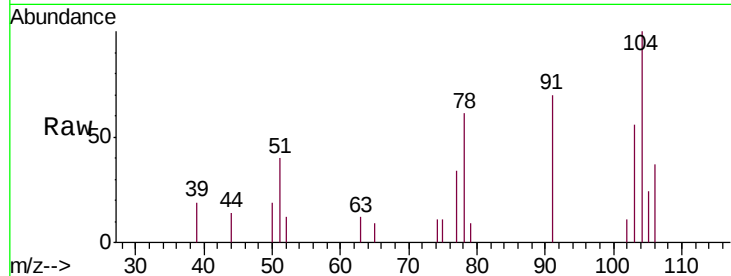
78 60.7 36.3 67.3

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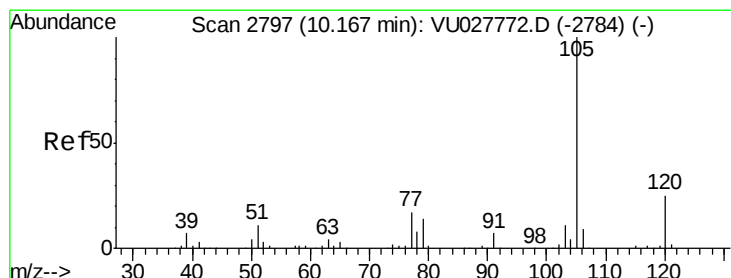
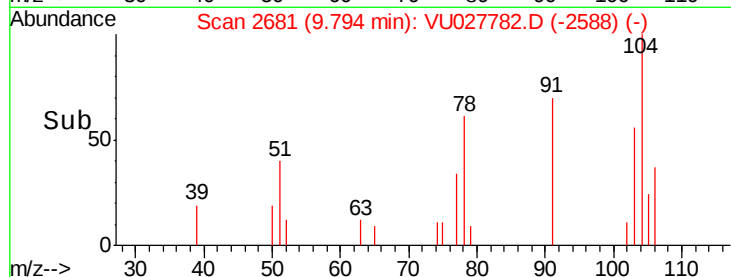
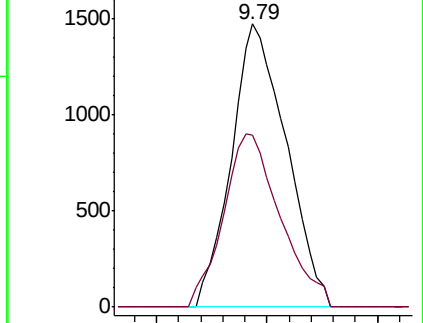
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Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 0.286 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

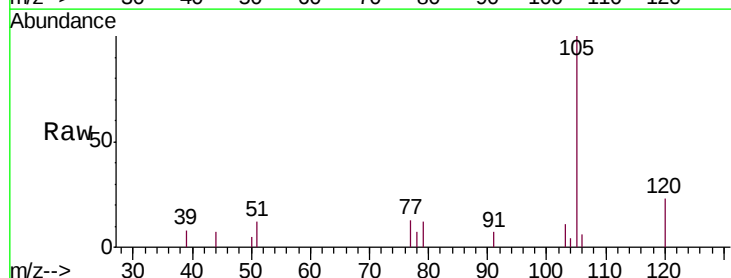
Tgt Ion:105 Resp: 4313

Ion Ratio Lower Upper

105 100

120 25.2 19.9 29.9

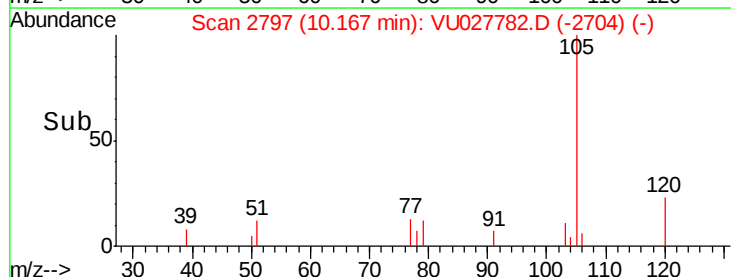
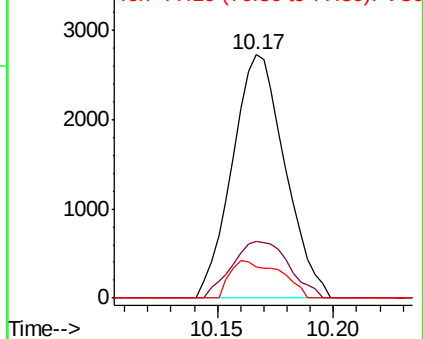
77 14.6 13.7 20.5

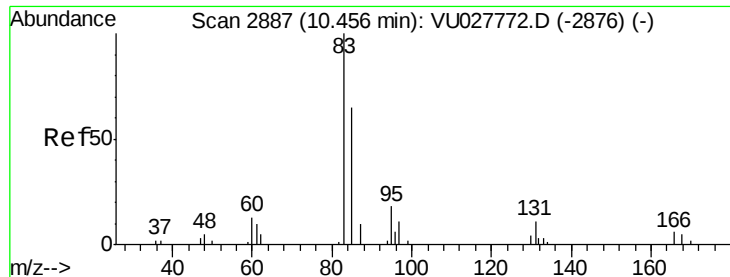


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





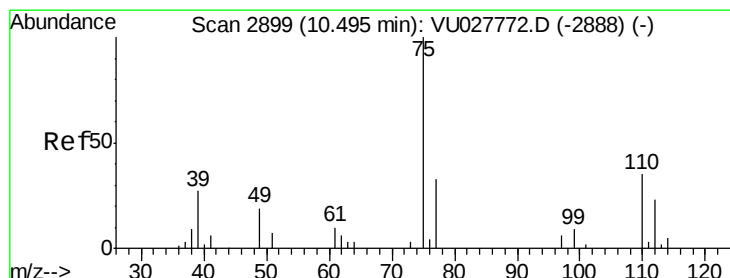
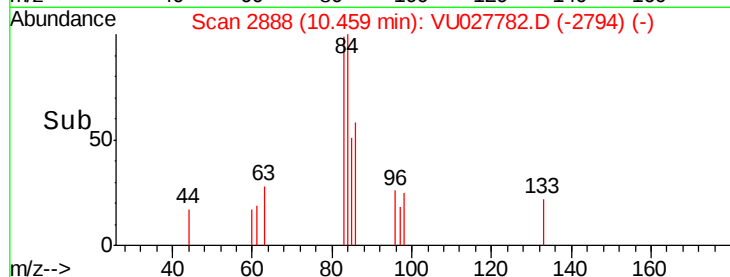
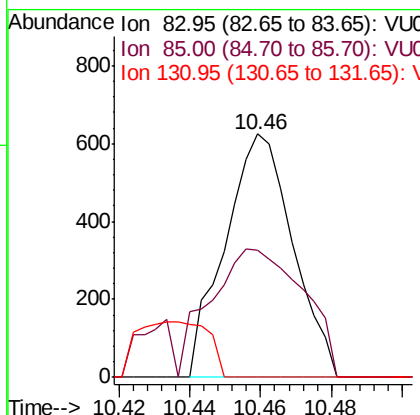
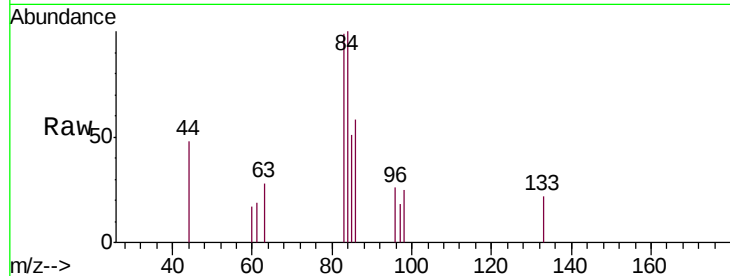
#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.284 ug/L m
 RT: 10.46 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.0	45.5	84.5
131	0.0	8.8	13.2#

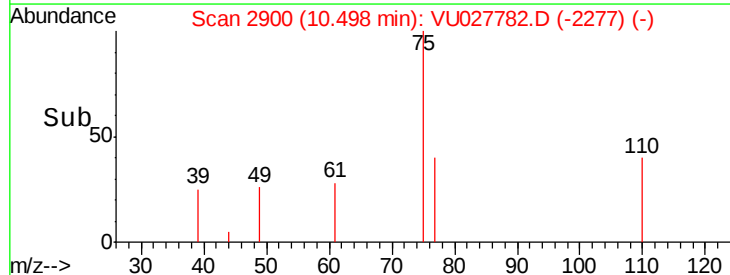
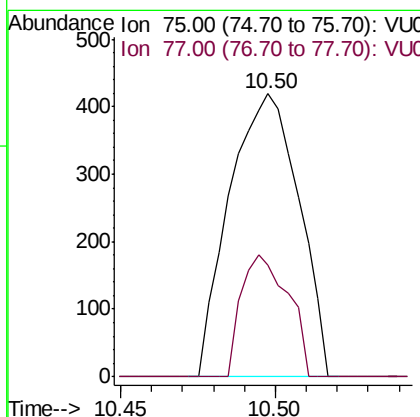
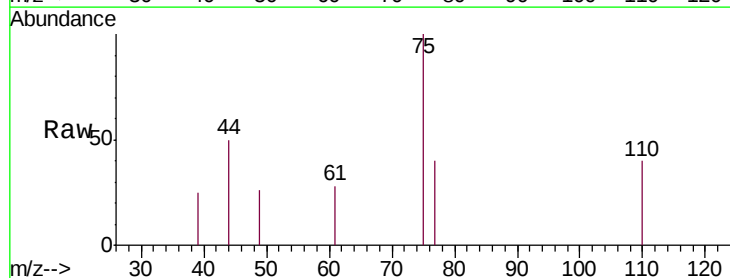
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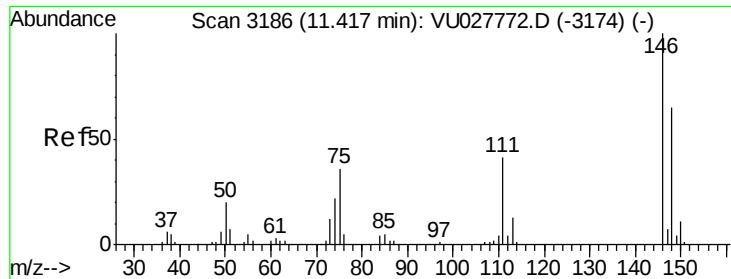
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#59
 1,2,3-Trichloropropane
 Concen: 0.280 ug/L
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.8	26.4	39.6





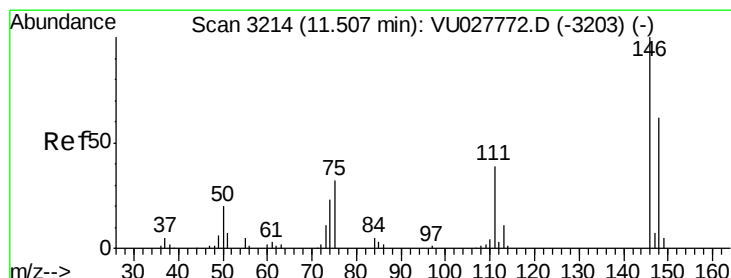
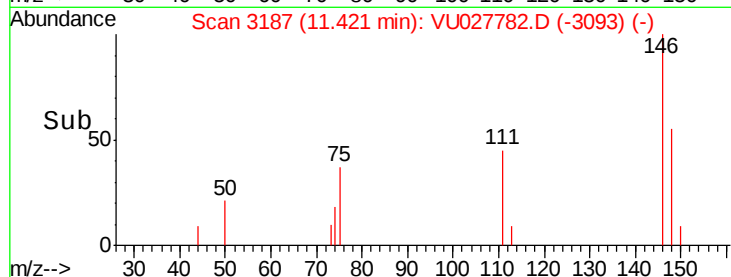
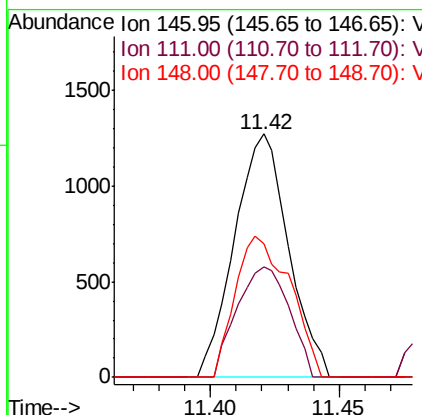
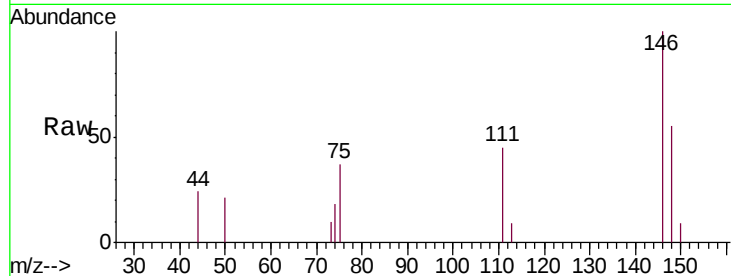
#62
 1,3-Dichlorobenzene
 Concen: 0.275 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	28.6	53.0
148	54.8	45.1	83.9

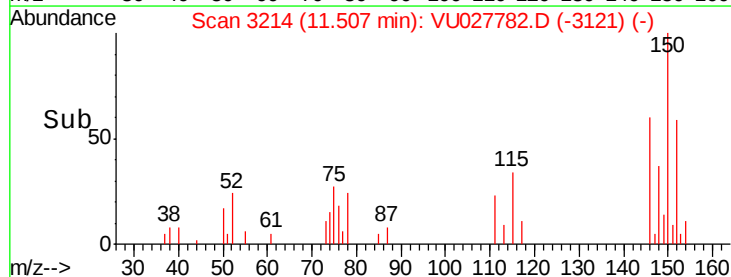
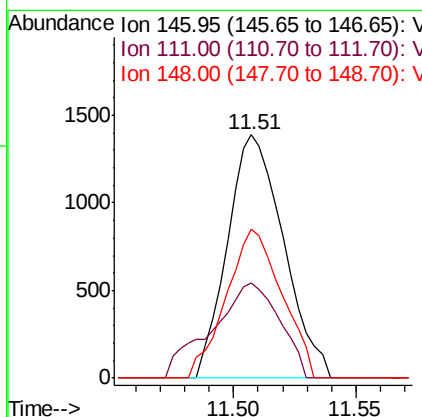
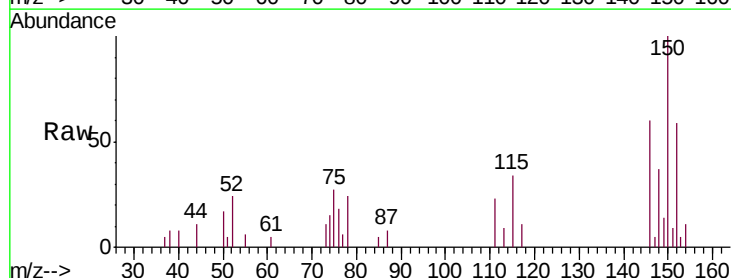
Manual Integrations
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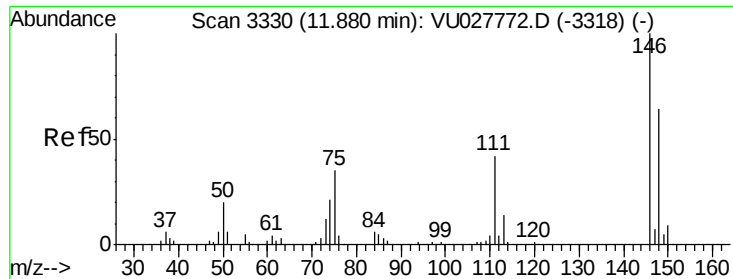
MMDadoda
 10/26/2018 11:26:46 AM



#63
 1,4-Dichlorobenzene
 Concen: 0.323 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.6	51.4
148	61.2	43.3	80.3





#65

1,2-Dichlorobenzene

Concen: 0.287 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Instrument :

MSVOA_U

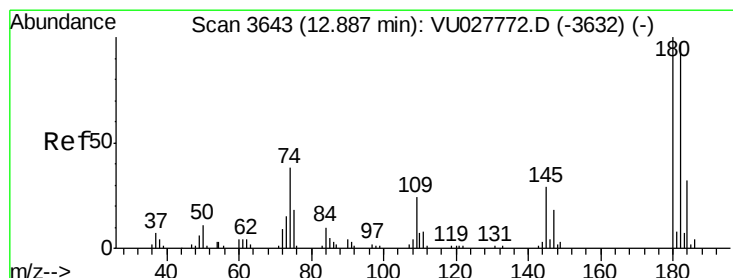
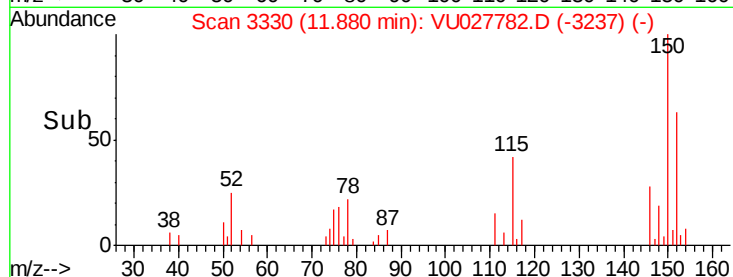
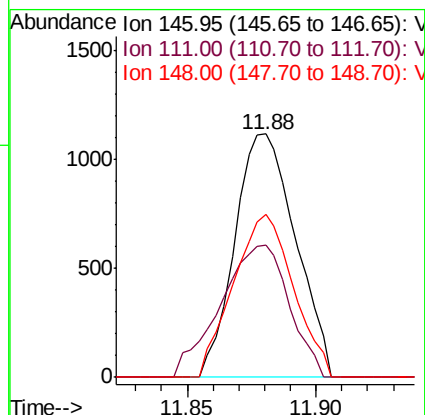
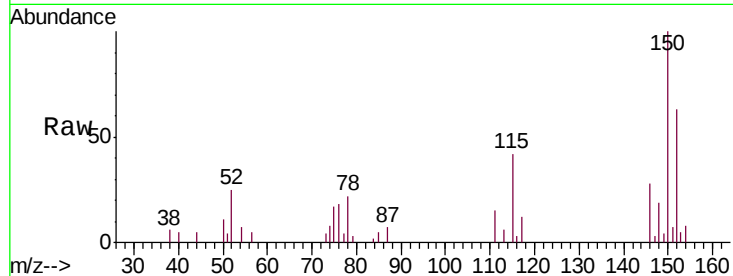
ClientSampled :

MDL06

Tgt Ion:	146	Resp:	1827
Ion Ratio	Lower	Upper	
146	100		
111	54.3	33.7	50.5#
148	66.7	50.8	76.2

Manual Integrations
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#67

1,3,5-Trichlorobenzene

Concen: 0.217 ug/L

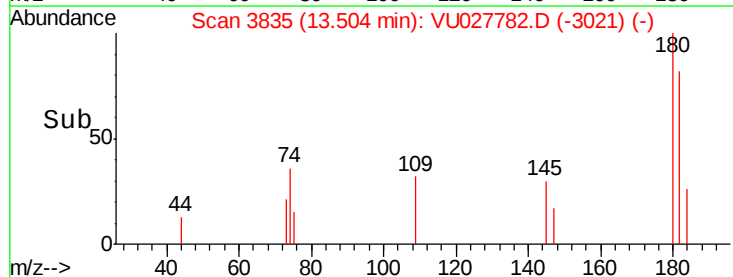
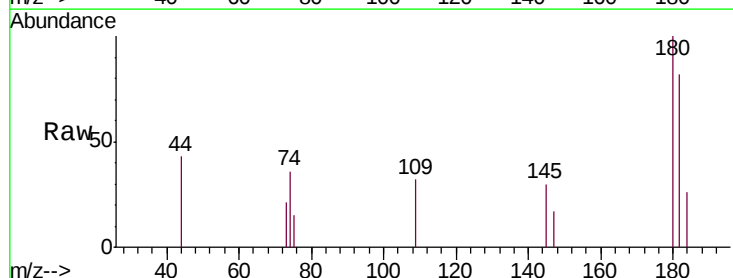
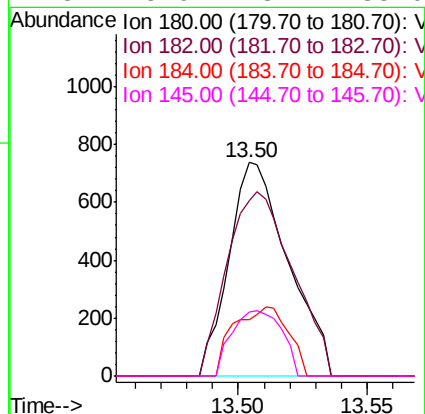
RT: 13.50 min Scan# 3835

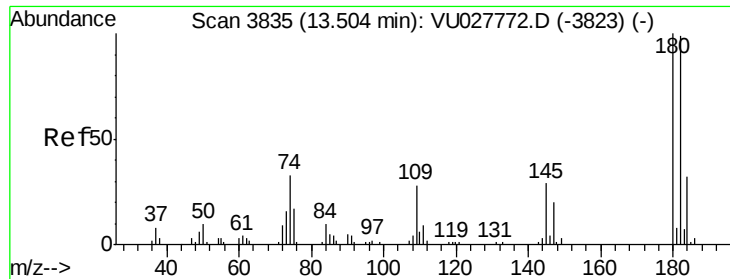
Delta R.T. 0.62 min

Lab File: VU027782.D

Acq: 24 Oct 2018 13:47

Tgt Ion:	180	Resp:	1182
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.9	118.3
184	29.9	24.6	37.0
145	25.9	23.4	35.0





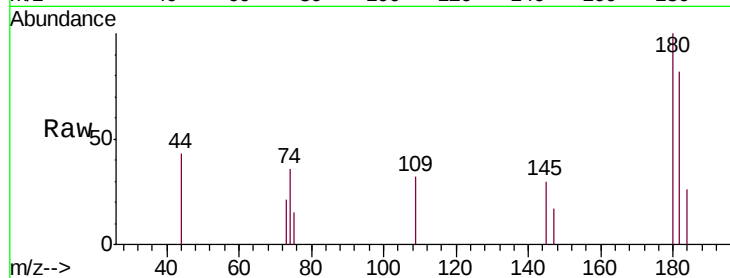
#68
 1,2,4-trichlorobenzene
 Concen: 0.250 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleID :
 MDL06

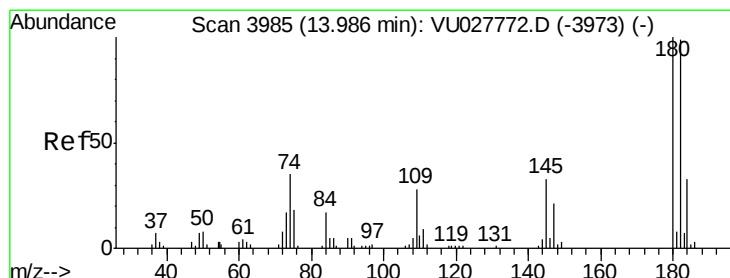
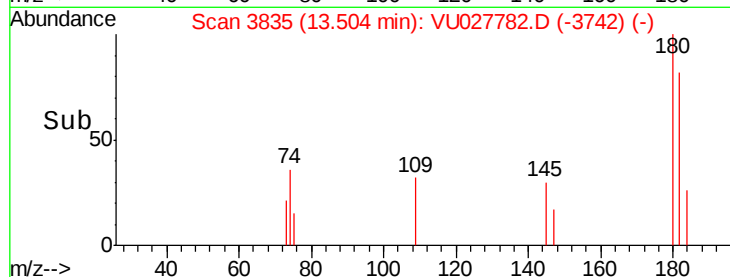
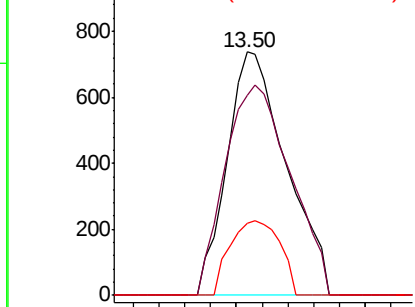
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	25.9	23.7	35.5

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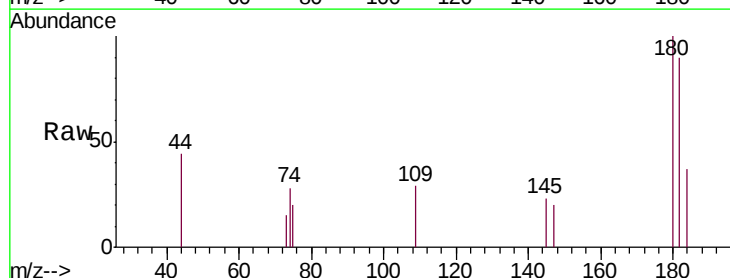


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.259 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027782.D
 Acq: 24 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.9	115.3
145	22.4	24.6	37.0#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

