

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027754.D
 Acq On : 23 Oct 2018 08:16
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
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 10/24/2018 2:19:08 PM

Quant Time: Oct 24 05:19:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	13922	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5688	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	5138	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	53557	9.688	ug/l	99
3) Chloromethane	1.33	50	55671	9.420	ug/l	98
4) Vinyl Chloride	1.40	62	53127	9.629	ug/l	99
5) Bromomethane	1.63	94	27691	9.540	ug/l	97
6) Chloroethane	1.70	64	28535	9.538	ug/l	97
7) Trichlorofluoromethane	1.89	101	64641	9.613	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34171	9.662	ug/l	100
9) 1,1-Dichloroethene	2.29	96	30408	9.793	ug/l	99
10) Iodomethane	2.41	142	44831	10.743	ug/l	100
11) Allyl Chloride	2.59	41	71791	9.766	ug/l	99
12) Acrylonitrile	2.94	53	17101	18.069	ug/l	99
13) Acetone	2.33	43	39695	45.958	ug/l	100
14) Carbon Disulfide	2.48	76	112358	9.720	ug/l	99
15) Methylene Chloride	2.70	84	35056	8.959	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	34214	9.898	ug/l	97
17) 1,1-Dichloroethane	3.45	63	72028	9.442	ug/l	99
18) 2-Butanone	4.28	43	67314	46.939	ug/l	99
19) Cyclohexane	4.99	56	75724m	11.073	ug/l	
20) Methylcyclohexane	6.41	83	69808	10.068	ug/l	100
21) 2,2-Dichloropropane	4.23	77	67245	9.985	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	39578	9.564	ug/l	99
23) Diethyl Ether	2.11	59	29675	10.050	ug/l	98
24) tert-Butyl Alcohol	2.85	59	31795	100.948	ug/l #	81
25) Methyl tert-Butyl Ether	3.01	73	98145	9.926	ug/l	99
26) Bromochloromethane	4.55	128	16314	9.827	ug/l	99
27) Chloroform	4.68	83	72807	9.803	ug/l	97
28) 1,1,1-Trichloroethane	4.92	97	65697	9.937	ug/l	99
29) 1,1-Dichloropropene	5.13	75	58354	10.107	ug/l	99
30) Carbon Tetrachloride	5.13	117	57863	9.796	ug/l	97
31) Isopropyl Ether	3.58	45	132539	9.647	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	117682	9.654	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	101957	9.854	ug/l	100
34) Propionitrile	4.34	54	17689	51.734	ug/l	98
35) Benzene	5.39	78	158690	9.835	ug/l	98
36) 1,2-Dichloroethane	5.41	62	52863	9.844	ug/l	100
37) Trichloroethene	6.19	130	39307	9.875	ug/l	97
38) 1,2-Dichloropropane	6.44	63	44134	9.740	ug/l	99
39) Methacrylonitrile	4.55	41	18949	10.035	ug/l	97
40) Methyl acrylate	4.43	55	25112	10.209	ug/l	98
41) Tetrahydrofuran	4.66	42	18359	17.596	ug/l	98
42) 1-Chlorobutane	5.07	56	88810	9.749	ug/l	95

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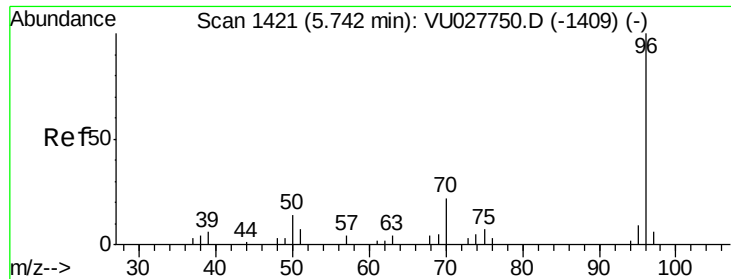
Manual Integrations
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Quant Time: Oct 24 05:19:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	20995	10.191	ug/l	99
44) Bromodichloromethane	6.76	83	56780	10.153	ug/l	100
45) 4-Methyl-2-Pentanone	7.47	43	168874	50.503	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	26455m	21.945	ug/l	
47) Methyl methacrylate	6.63	69	44294	20.389	ug/l	99
48) Ethyl methacrylate	8.02	69	46671	10.337	ug/l	97
49) Toluene	7.64	92	98187	10.256	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	57622	10.340	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	68520	10.437	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	28358	10.191	ug/l	98
53) 1,3-Dichloropropane	8.24	76	53577	10.023	ug/l	100
54) 2-Hexanone	8.37	43	121706	51.076	ug/l	100
55) Dibromochloromethane	8.48	129	36517	10.440	ug/l	100
56) 1,2-Dibromoethane	8.59	107	27677	10.132	ug/l	98
58) Tetrachloroethene	8.23	164	36519	9.727	ug/l	99
59) Chlorobenzene	9.12	112	102731	10.012	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	37470	10.046	ug/l	100
61) Pentachloroethane	11.10	117	29006	10.426	ug/l	96
62) Hexachloroethane	12.15	117	32460	10.621	ug/l	99
63) Ethyl Benzene	9.25	91	197310	10.152	ug/l	100
64) m/p-Xylenes	9.38	106	142032	20.481	ug/l	98
65) o-Xylene	9.78	106	67410	9.804	ug/l	97
66) Styrene	9.79	104	117349	10.343	ug/l	99
67) Bromoform	9.96	173	22211	10.972	ug/l	99
69) Isopropylbenzene	10.17	105	187578	9.965	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	36973	9.997	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	24713	8.599	ug/l #	92
72) Bromobenzene	10.45	156	42638	10.166	ug/l	96
73) n-propylbenzene	10.59	120	50198	10.340	ug/l	98
74) 2-Chlorotoluene	10.66	126	42186	10.147	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	159787	10.173	ug/l	99
76) 4-Chlorotoluene	10.77	126	43868	10.413	ug/l	99
77) tert-Butylbenzene	11.10	119	154780	10.018	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	164742	10.209	ug/l	98
79) sec-Butylbenzene	11.32	105	210933	10.310	ug/l	99
80) Nitrobenzene	12.86	77	9795	71.656	ug/l	98
81) p-Isopropyltoluene	11.48	119	174154	10.415	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	86263	10.394	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	84696	10.185	ug/l	99
84) n-Butylbenzene	11.89	91	178415	10.983	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	78659	9.933	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	7081	10.308	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	62121	10.796	ug/l	98
88) Hexachlorobutadiene	13.69	225	35487	10.282	ug/l	97
89) Naphthalene	13.74	128	114432	10.589	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	56673	10.350	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

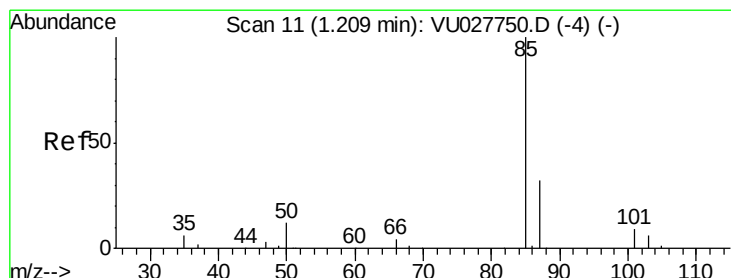
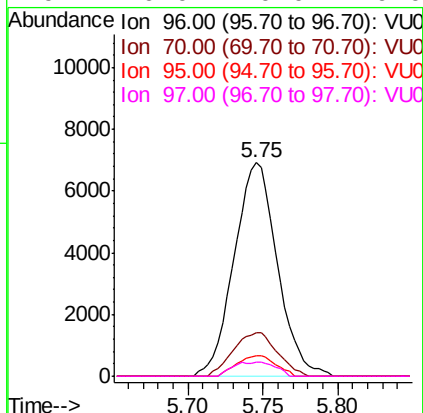
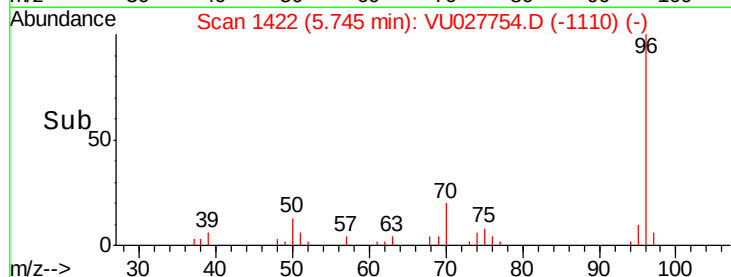
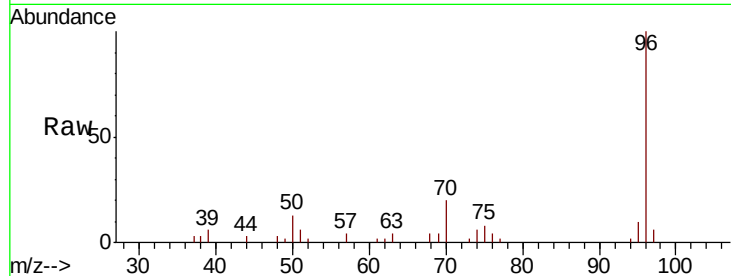
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	13922
Ion	Ratio	Lower	Upper
96	100		
70	20.8	17.7	26.5
95	8.6	7.0	10.6
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 9.688 ug/l

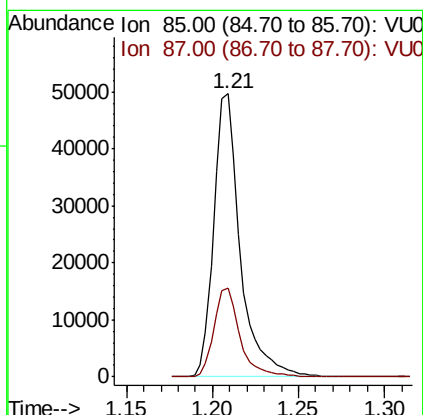
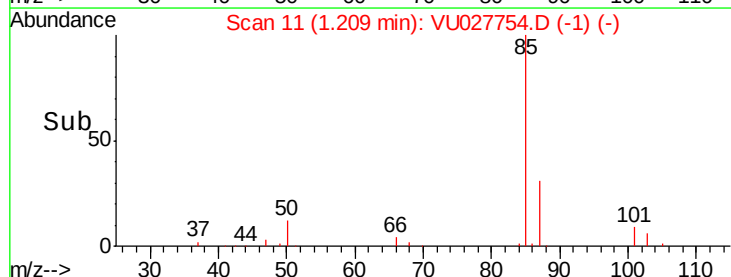
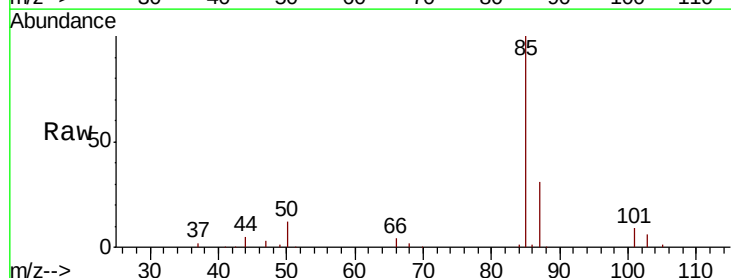
RT: 1.21 min Scan# 11

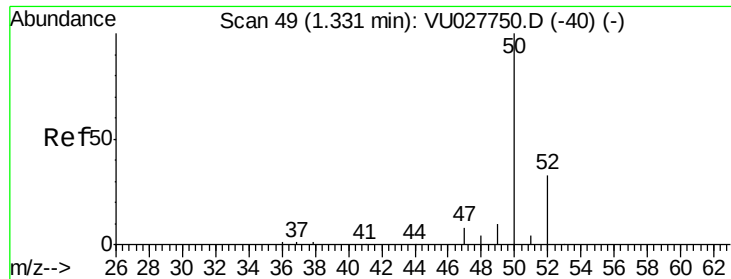
Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Tgt Ion:	85	Resp:	53557
Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.9	47.6





#3

Chloromethane

Concen: 9.420 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 50 Resp: 55671

Ion Ratio Lower Upper

50 100

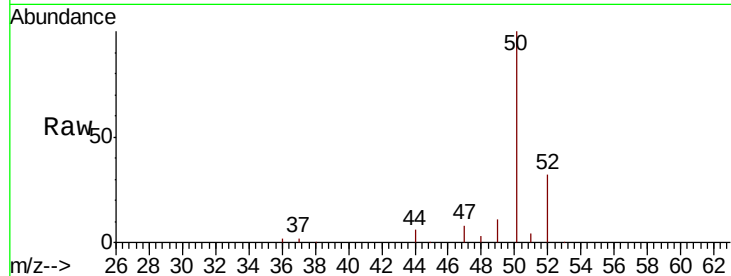
52 31.9 26.6 40.0

Manual Integrations

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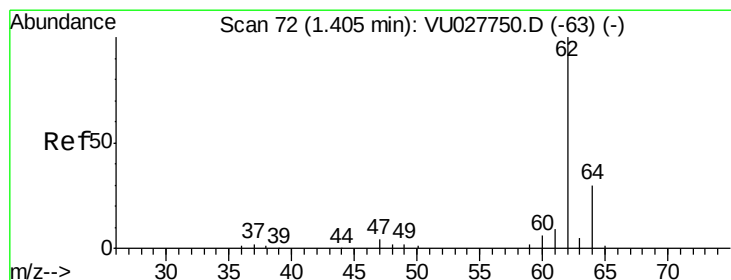
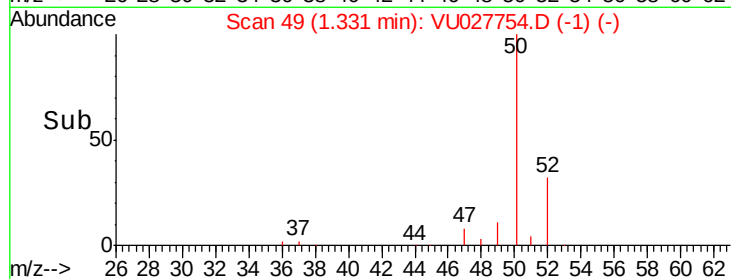
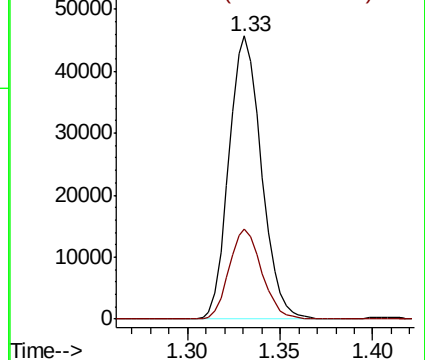
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.629 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027754.D

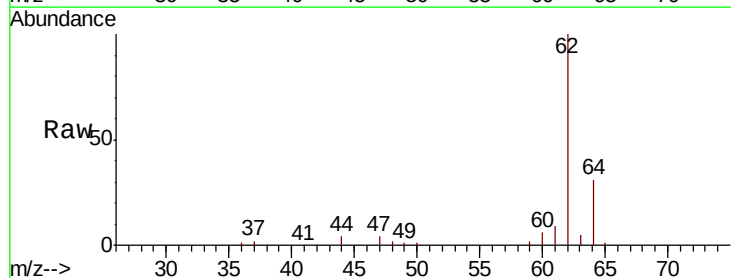
Acq: 23 Oct 2018 08:16

Tgt Ion: 62 Resp: 53127

Ion Ratio Lower Upper

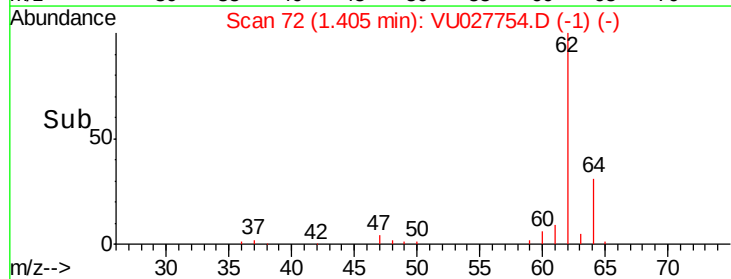
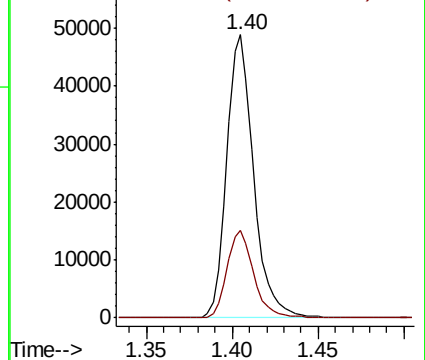
62 100

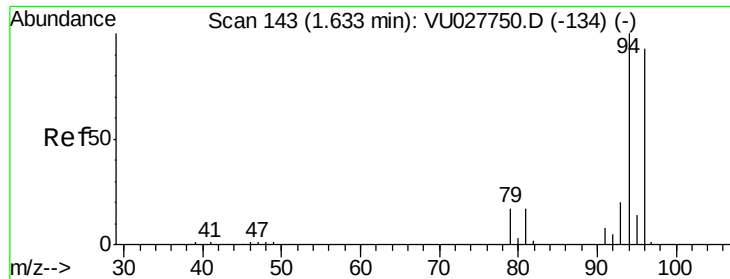
64 30.7 24.3 36.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.540 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 94 Resp: 27691

Ion Ratio Lower Upper

94 100

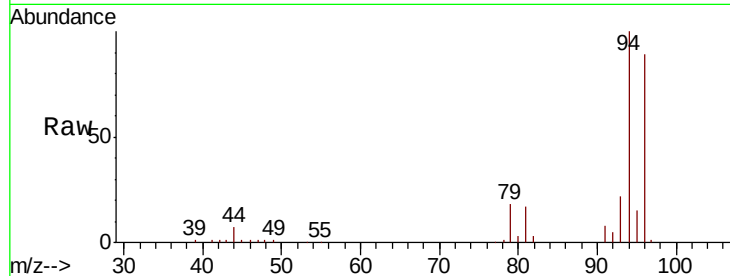
96 89.5 74.2 111.4

Manual Integrations

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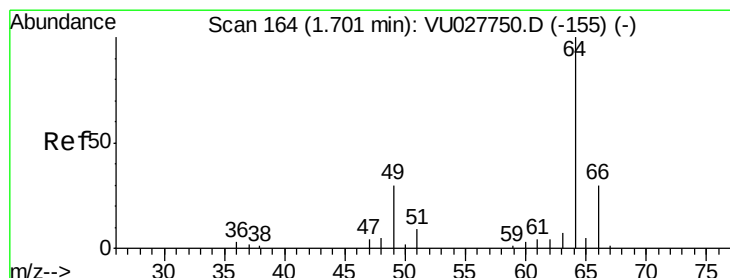
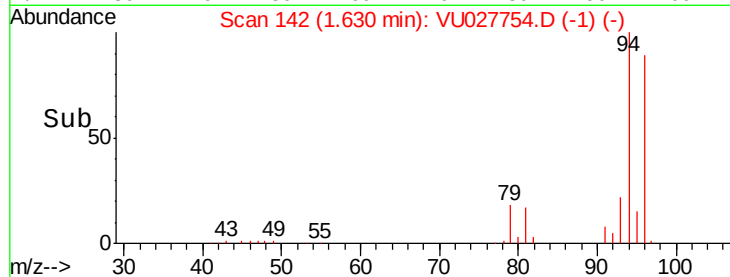
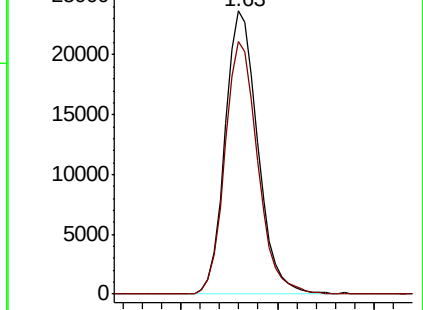
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Abundance Ion 94.00 (93.70 to 94.70): VU027750.D (-134) (-)

Ion 96.00 (95.70 to 96.70): VU027750.D (-134) (-)



#6

Chloroethane

Concen: 9.538 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027754.D

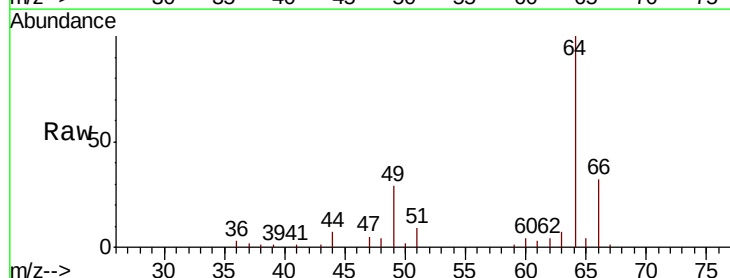
Acq: 23 Oct 2018 08:16

Tgt Ion: 64 Resp: 28535

Ion Ratio Lower Upper

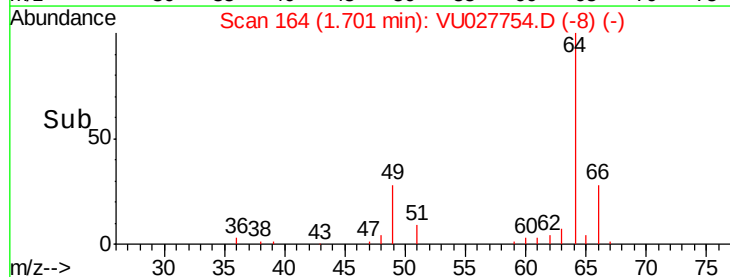
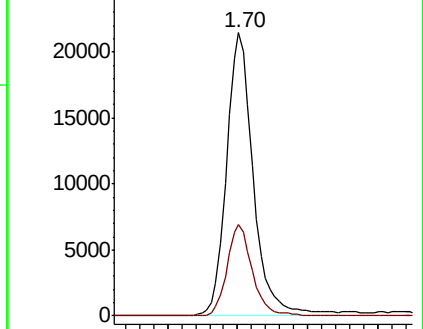
64 100

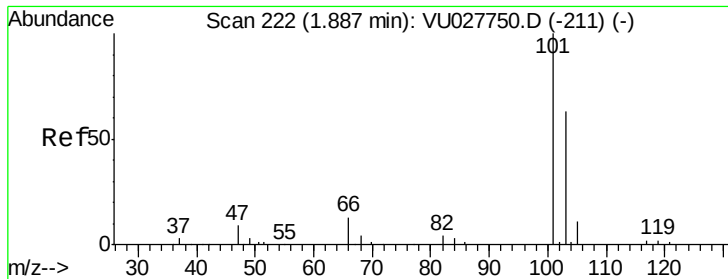
66 32.3 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU027750.D (-155) (-)

Ion 66.00 (65.70 to 66.70): VU027750.D (-155) (-)





#7

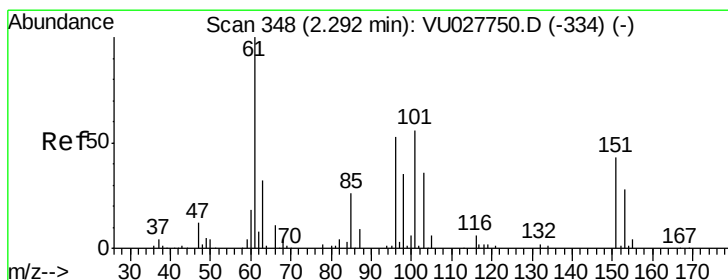
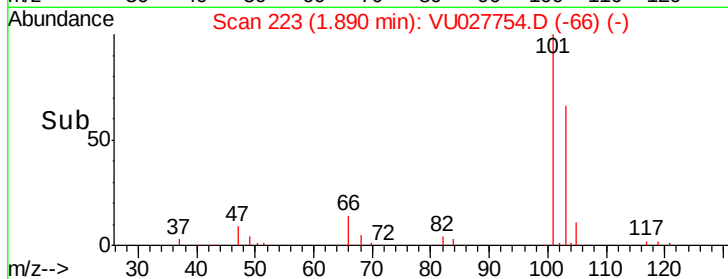
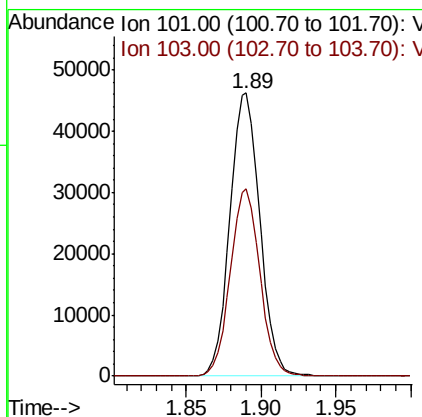
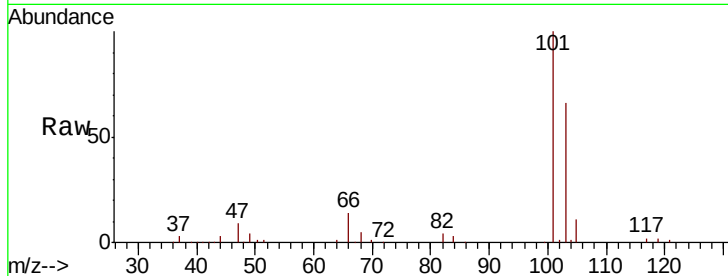
Trichlorofluoromethane
Concen: 9.613 ug/l
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
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VSTDCCC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.2	75.2

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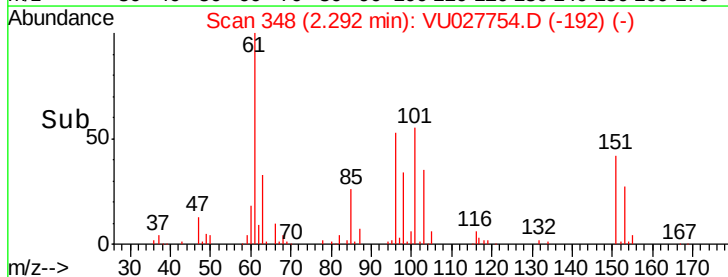
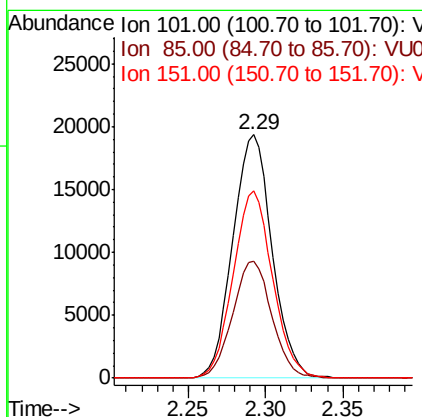
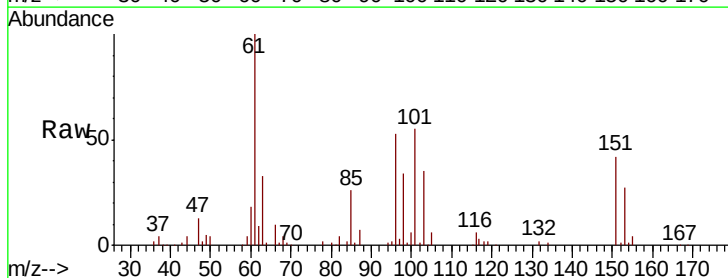
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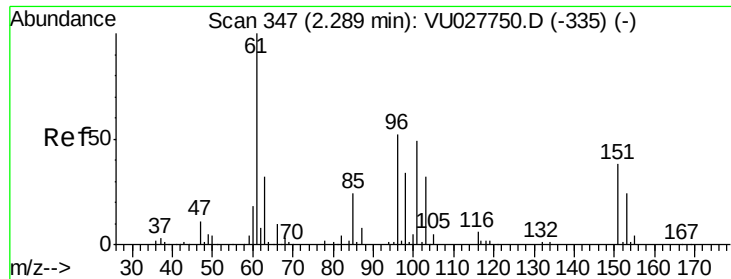


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.662 ug/l
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.2	57.2
151	76.9	61.8	92.8





#9

1,1-Dichloroethene

Concen: 9.793 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

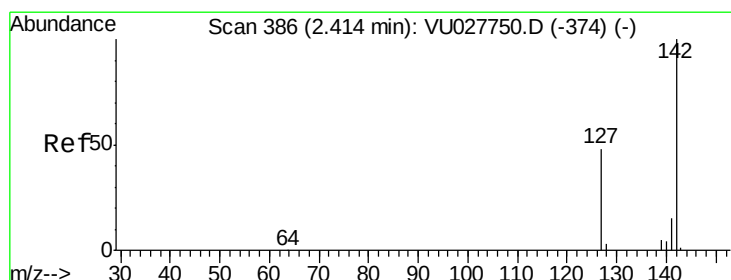
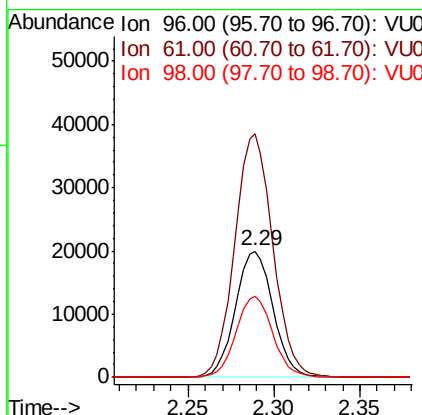
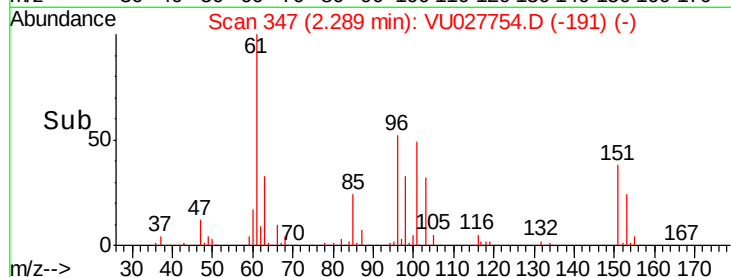
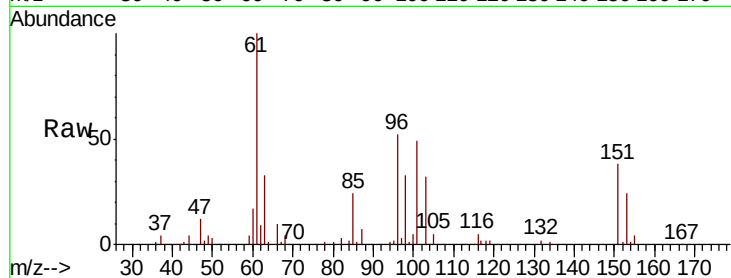
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	30408
Ion Ratio	Lower	Upper	
96	100		
61	192.5	0.0	581.4
98	64.3	0.0	131.2

Manual Integrations
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#10

Iodomethane

Concen: 10.743 ug/l

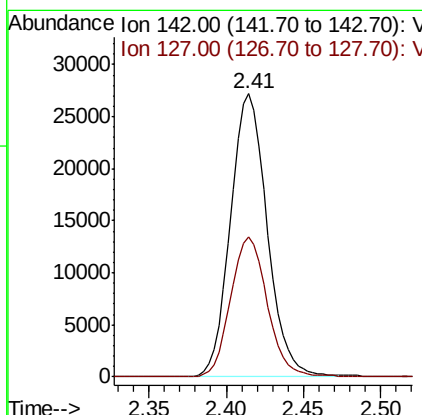
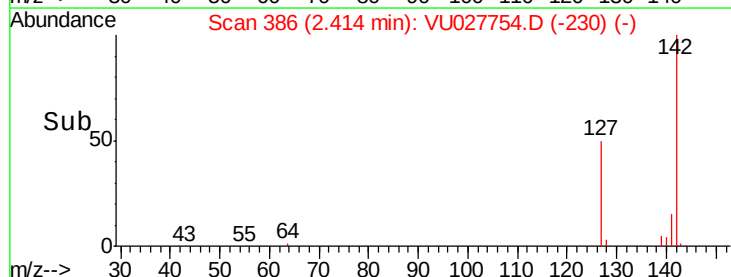
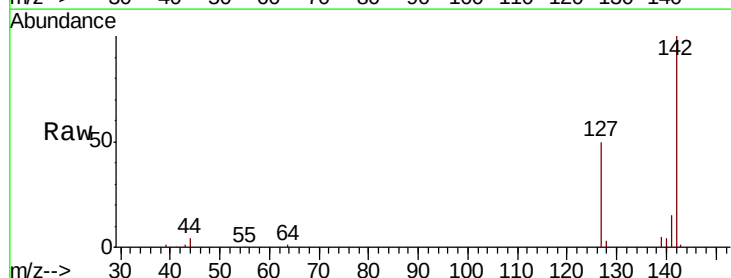
RT: 2.41 min Scan# 386

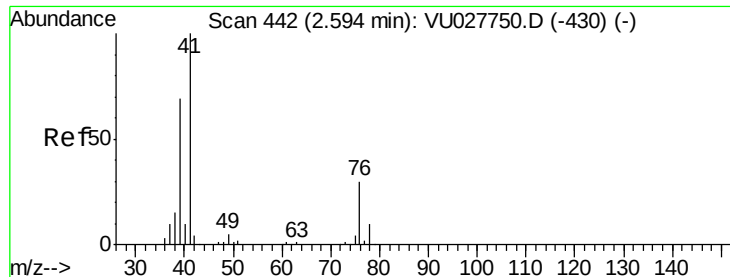
Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Tgt Ion:	142	Resp:	44831
Ion Ratio	Lower	Upper	
142	100		
127	49.3	39.2	58.8





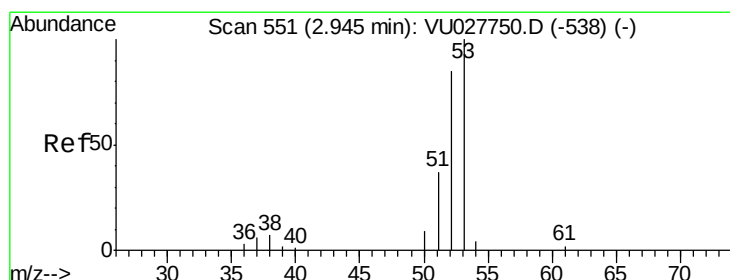
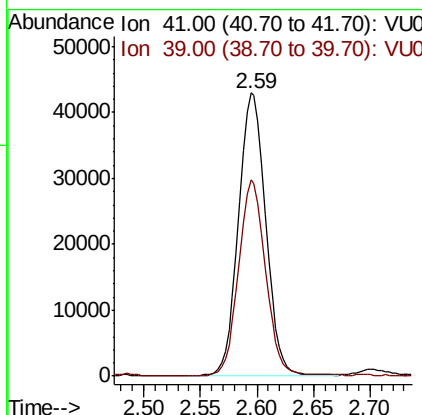
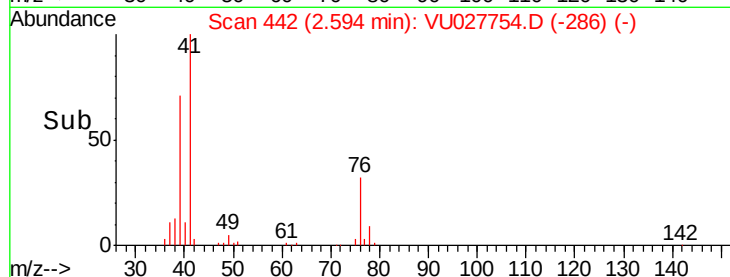
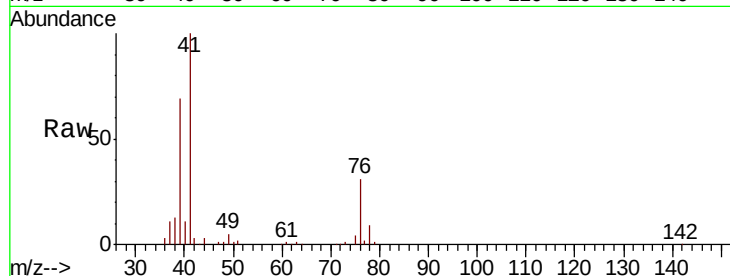
#11
Allvl Chloride
Concen: 9.766 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.0	55.4	83.0

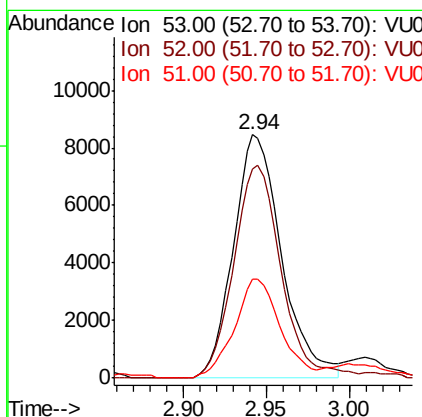
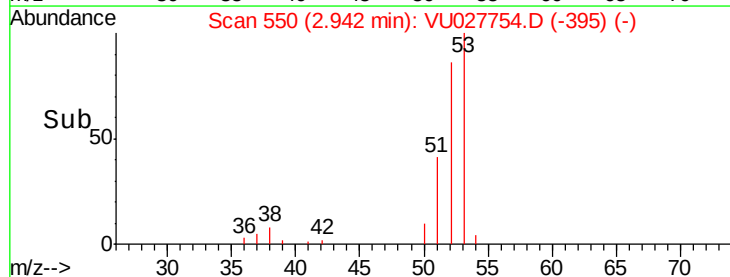
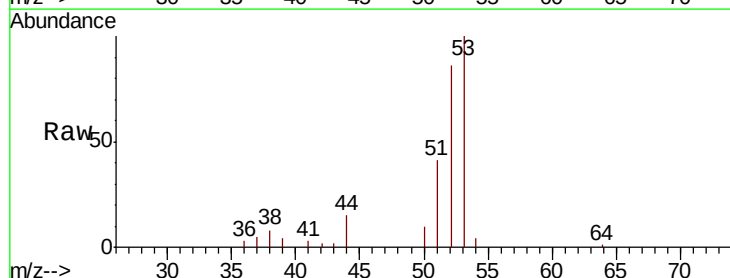
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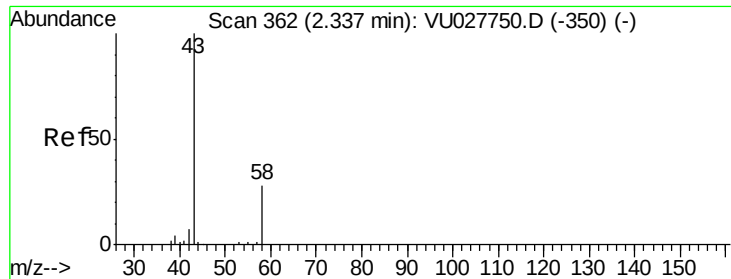
sam
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#12
Acrylonitrile
Concen: 18.069 ug/l
RT: 2.94 min Scan# 550
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.9	67.9	101.9
51	38.6	30.0	45.0





#13

Acetone

Concen: 45.958 ug/l

RT: 2.33 min Scan# 361

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 39695

Ion Ratio Lower Upper

43 100

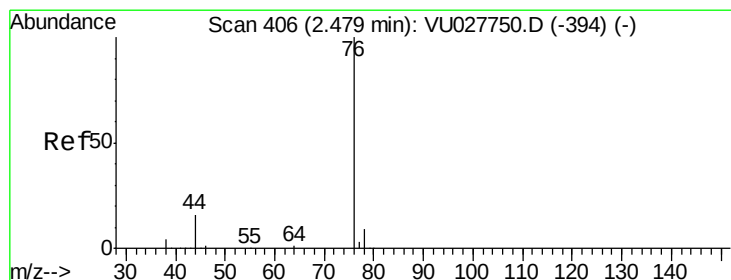
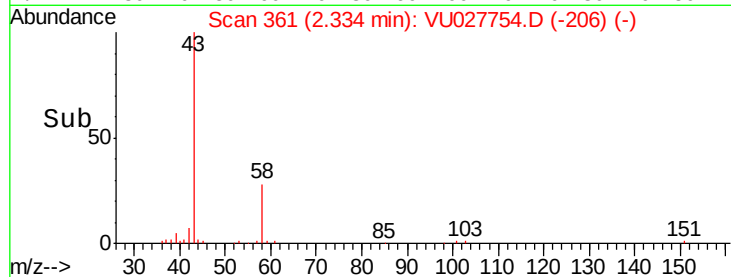
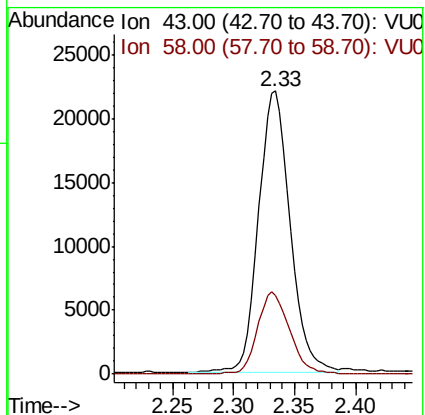
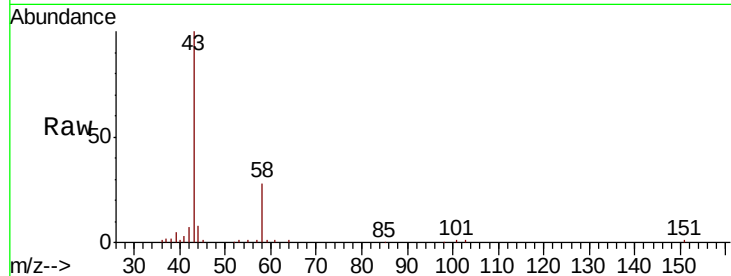
58 27.9 22.3 33.5

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#14

Carbon Disulfide

Concen: 9.720 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027754.D

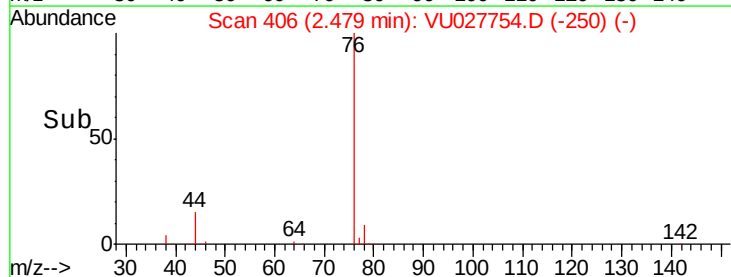
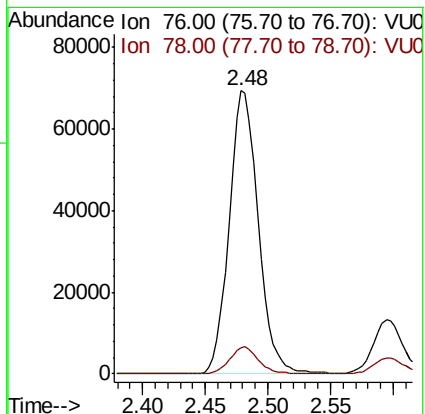
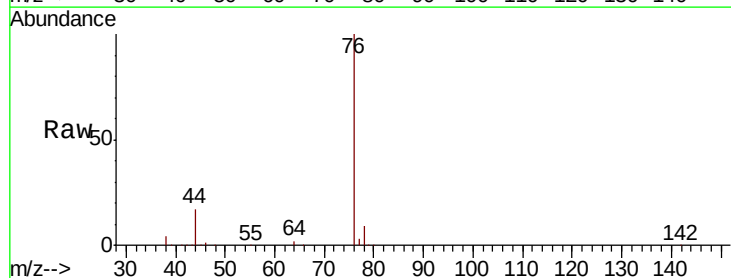
Acq: 23 Oct 2018 08:16

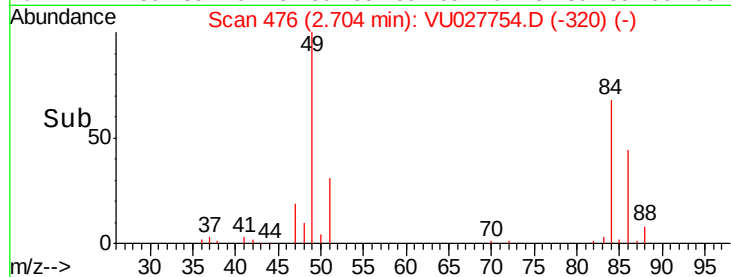
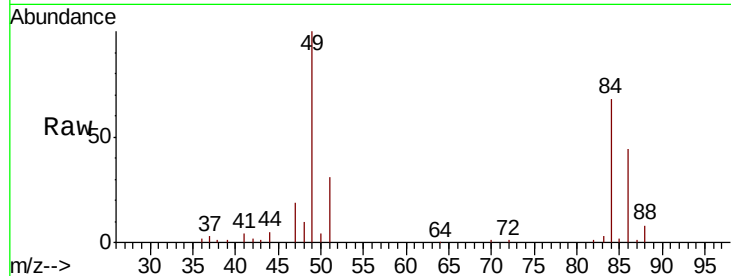
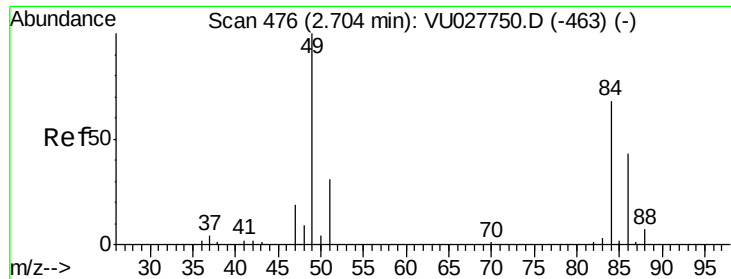
Tgt Ion: 76 Resp: 112358

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methylene Chloride

Concen: 8.959 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027754.D

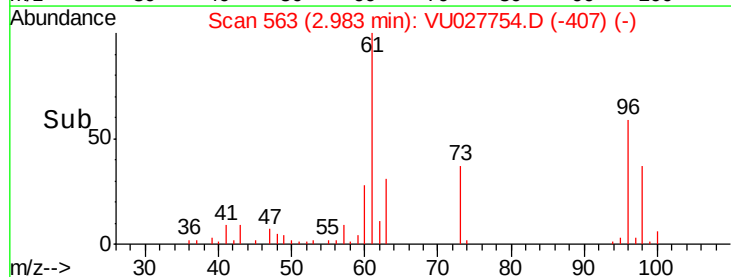
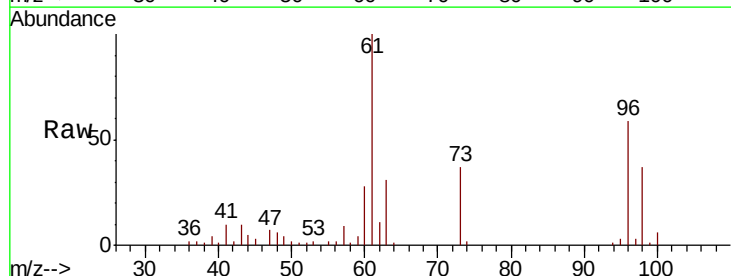
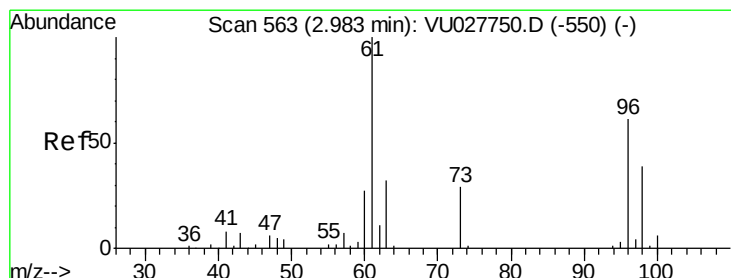
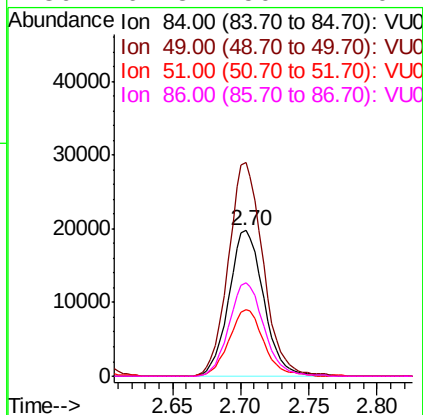
Acq: 23 Oct 2018 08:16

Tot Ion:	84	Resp:	35056
Ion	Ratio	Lower	Upper
84	100		
49	146.5	118.5	177.7
51	45.9	0.0	91.0
86	64.3	50.7	76.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

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#16

trans-1,2-Dichloroethene

Concen: 9.898 ug/l

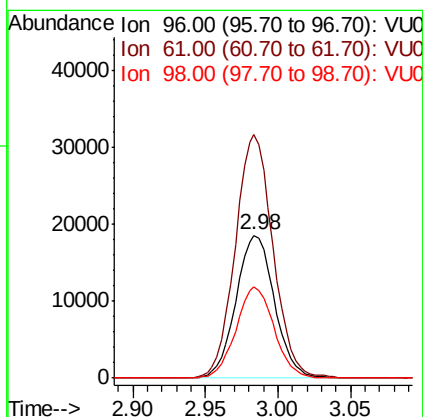
RT: 2.98 min Scan# 563

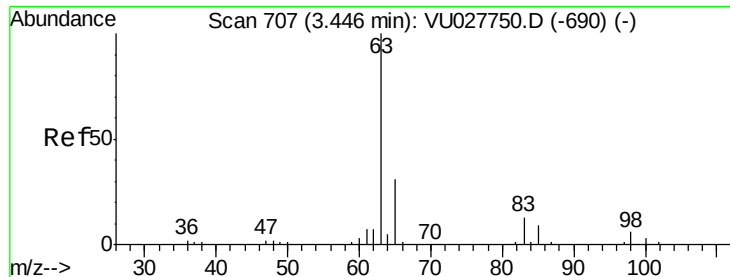
Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Tgt Ion:	96	Resp:	34214
Ion	Ratio	Lower	Upper
96	100		
61	170.3	131.8	197.6
98	63.7	51.2	76.8





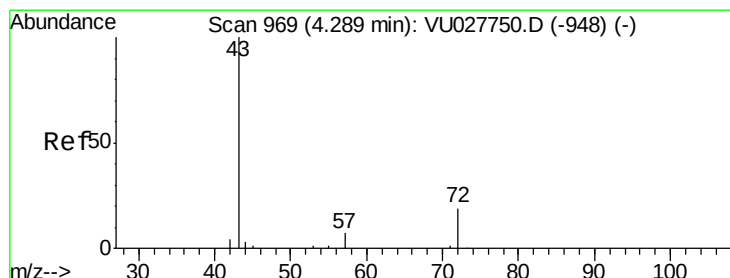
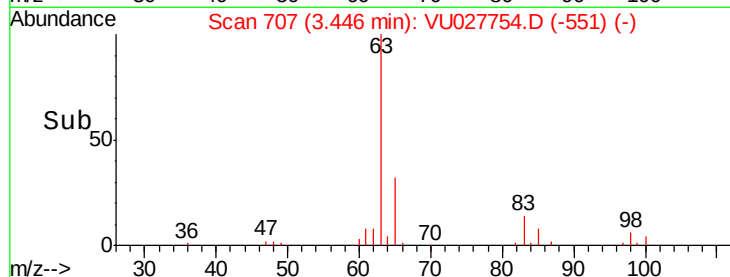
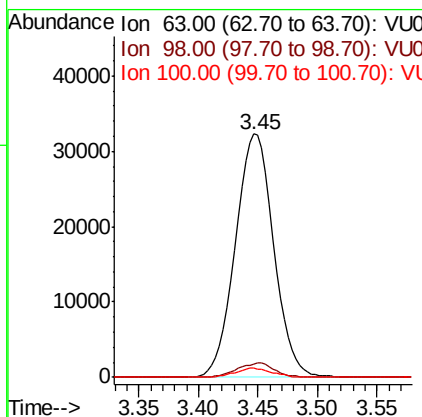
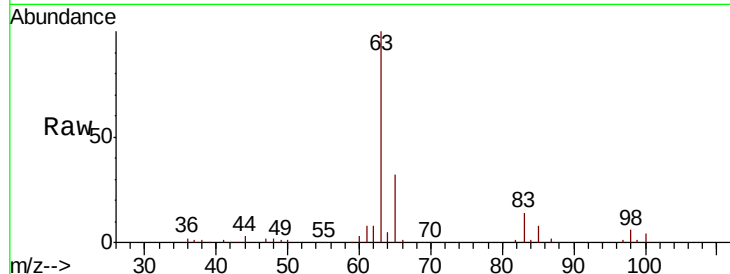
#17
 1,1-Dichloroethane
 Concen: 9.442 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	63	Resp:	72028
Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.8	8.4
100	3.7	1.5	4.5

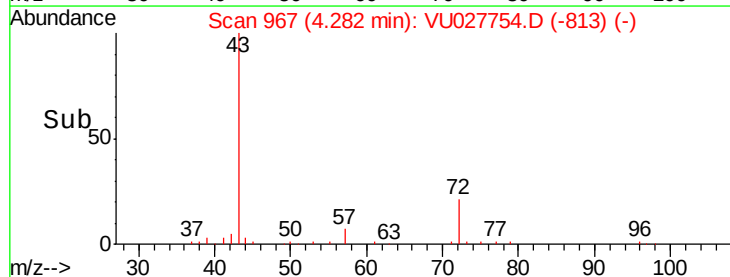
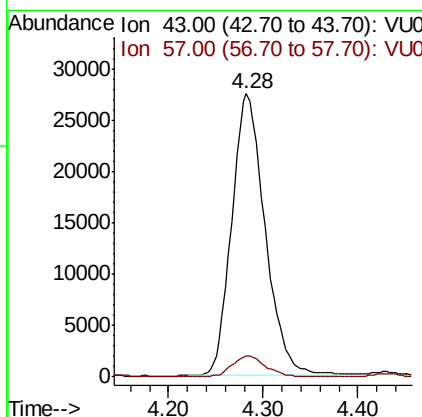
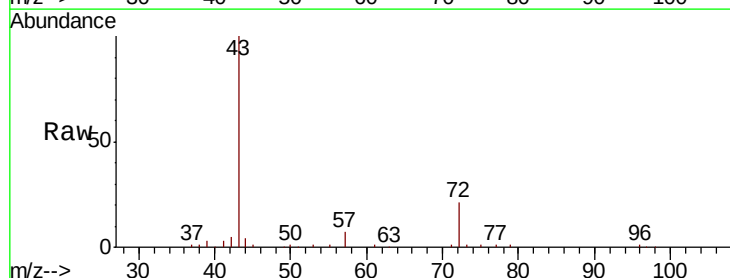
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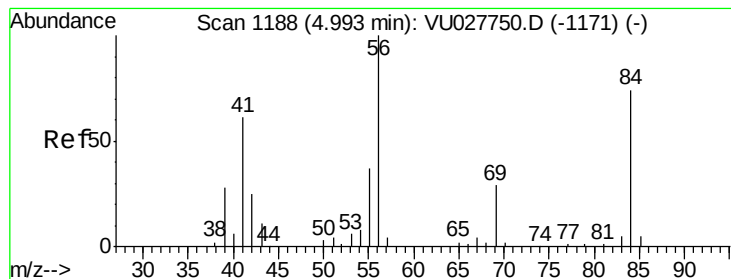
sam
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#18
 2-Butanone
 Concen: 46.939 ug/l
 RT: 4.28 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion:	43	Resp:	67314
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	14.4





#19

Cyclohexane

Concen: 11.073 ug/l m

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

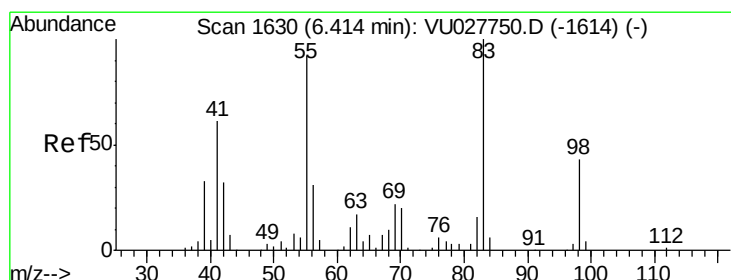
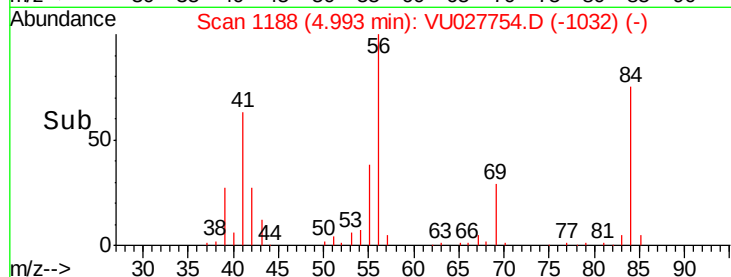
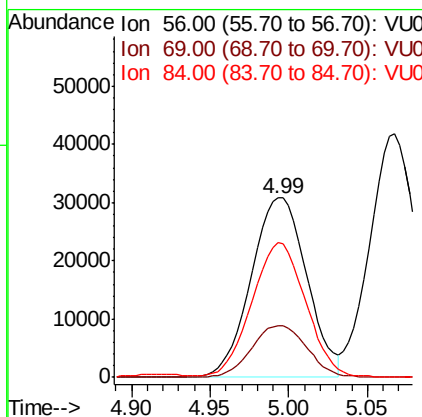
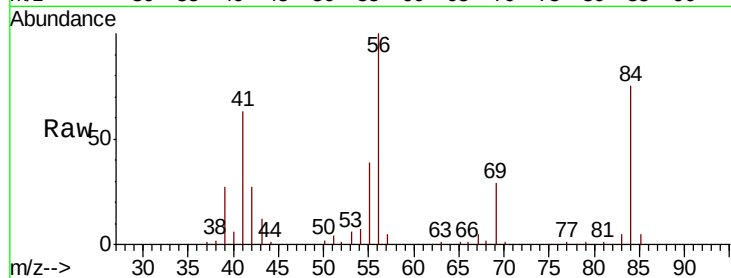
ClientSampleId :

VSTDCCC010

Tot Ion:	56	Resp:	75724
Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.9	38.9
84	71.9	65.9	98.9

Manual Integrations
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#20

Methylcyclohexane

Concen: 10.068 ug/l

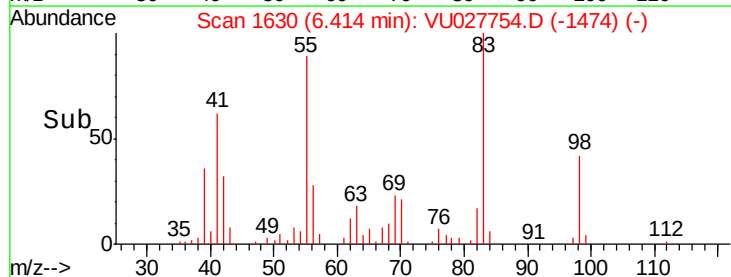
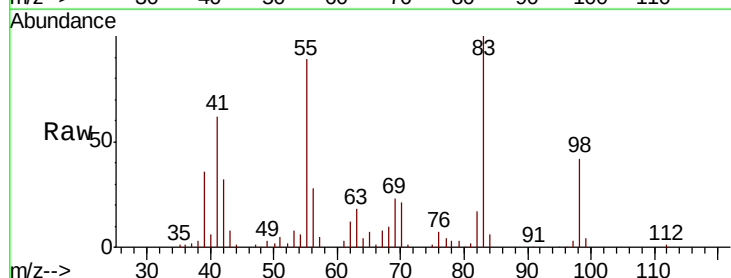
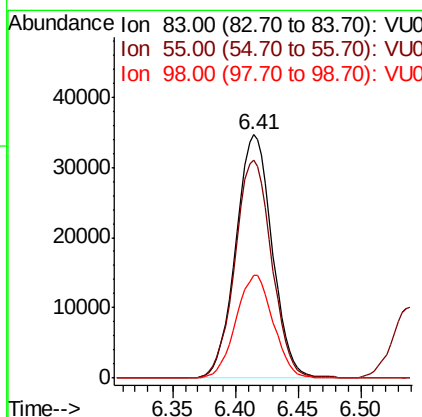
RT: 6.41 min Scan# 1630

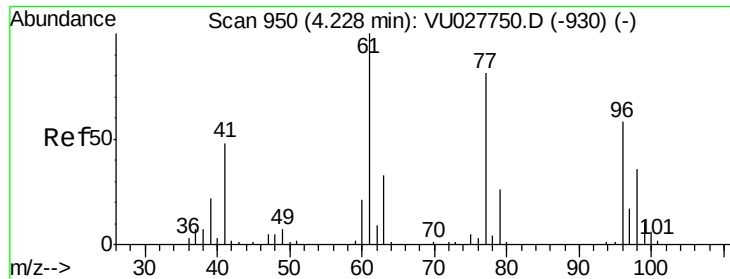
Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Tgt Ion:	83	Resp:	69808
Ion	Ratio	Lower	Upper
83	100		
55	90.6	72.6	108.8
98	43.2	35.0	52.4





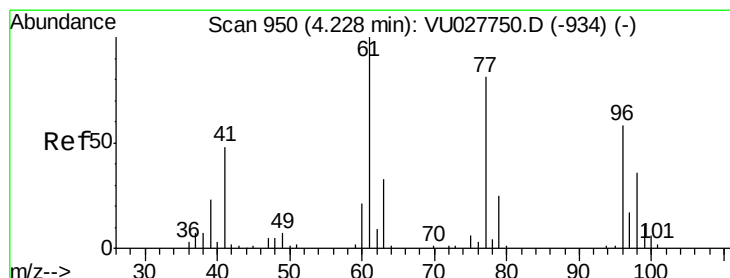
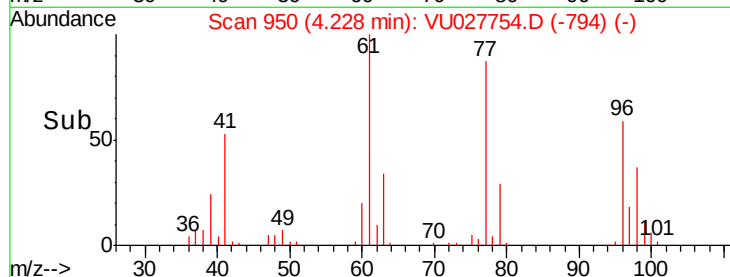
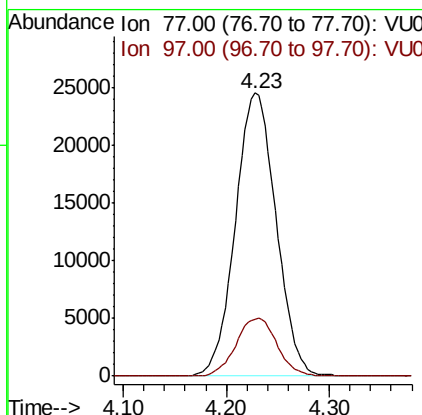
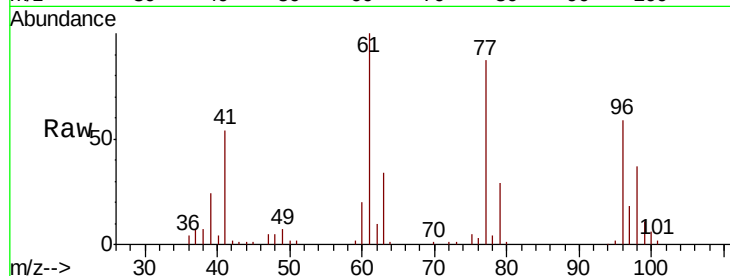
#21
 2,2-Dichloropropane
 Concen: 9.985 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion: 77 Resp: 67245
 Ion Ratio Lower Upper
 77 100
 97 20.6 16.9 25.3

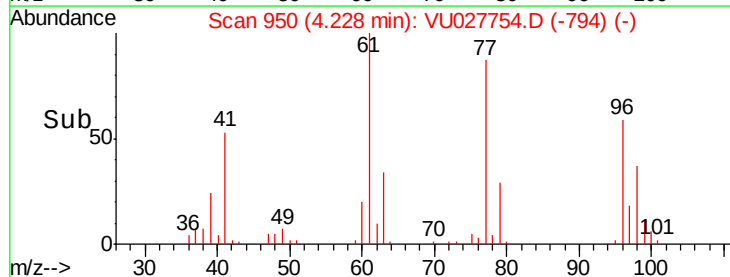
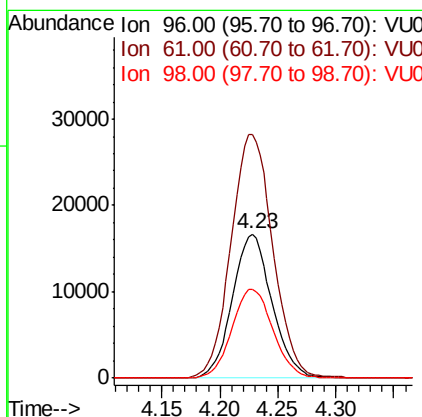
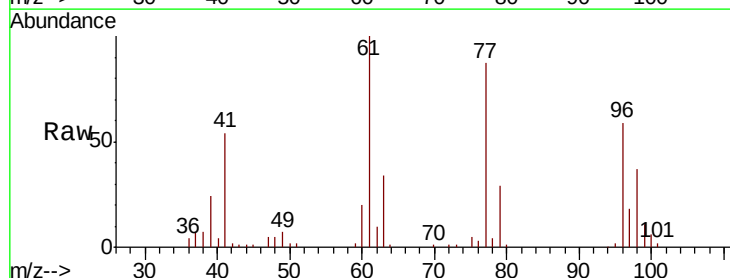
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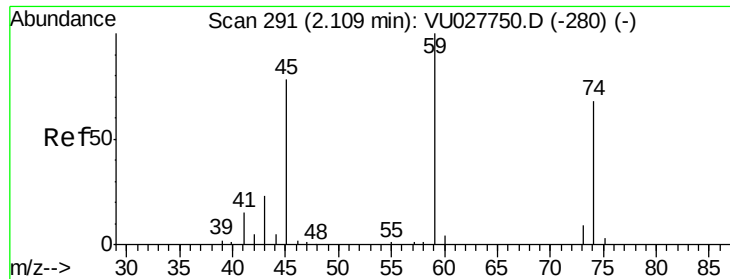
sam
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#22
 cis-1,2-Dichloroethene
 Concen: 9.564 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 96 Resp: 39578
 Ion Ratio Lower Upper
 96 100
 61 178.6 0.0 444.0
 98 63.8 31.9 95.5





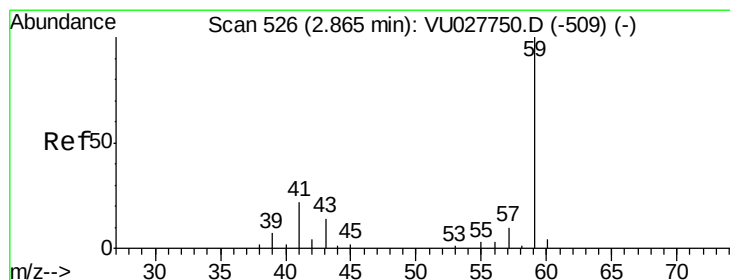
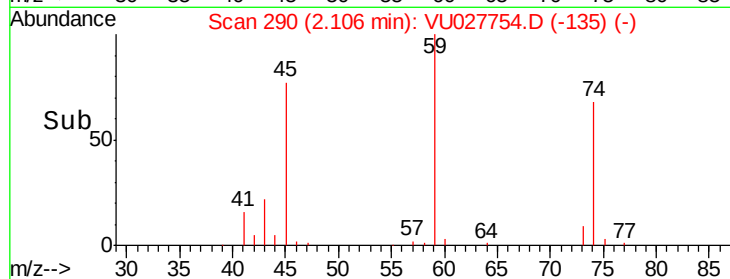
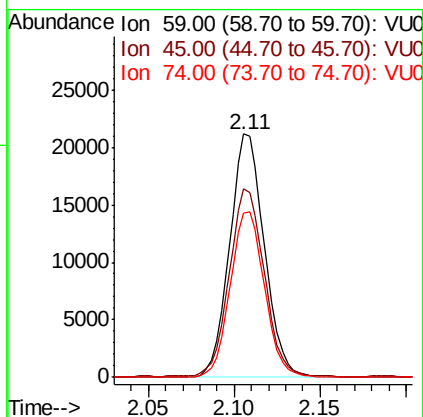
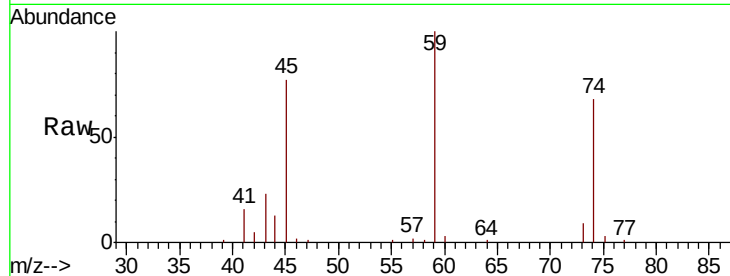
#23
Diethyl Ether
Concen: 10.050 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	79.0	64.6	96.8
74	67.1	54.8	82.2

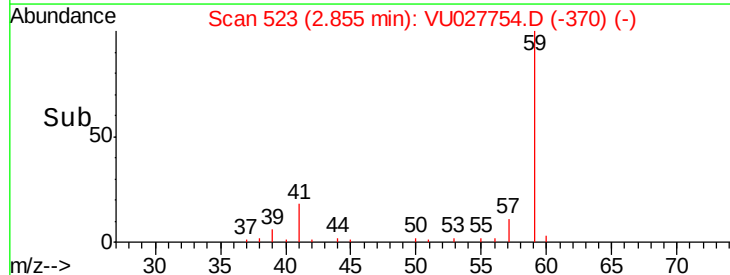
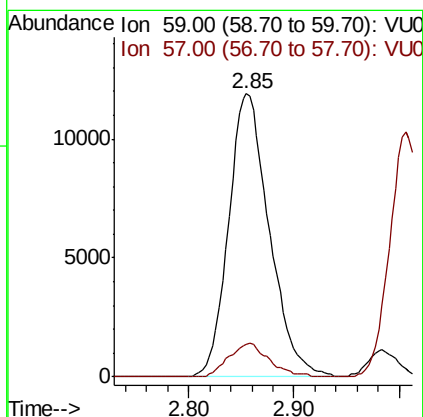
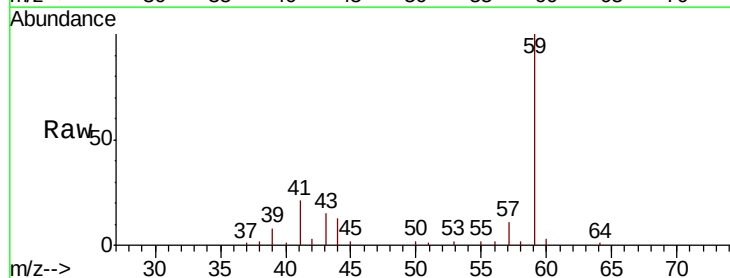
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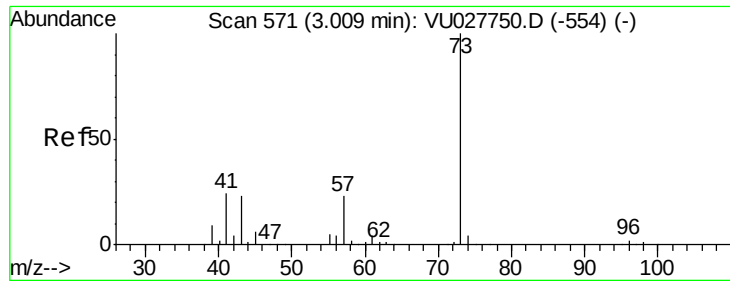
sam
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#24
tert-Butyl Alcohol
Concen: 100.948 ug/l
RT: 2.85 min Scan# 523
Delta R.T. -0.01 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.8	4.4	6.6#





#25

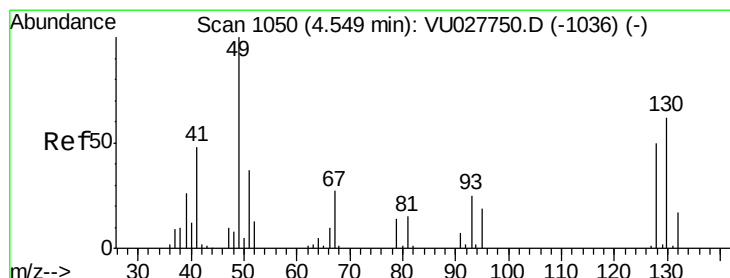
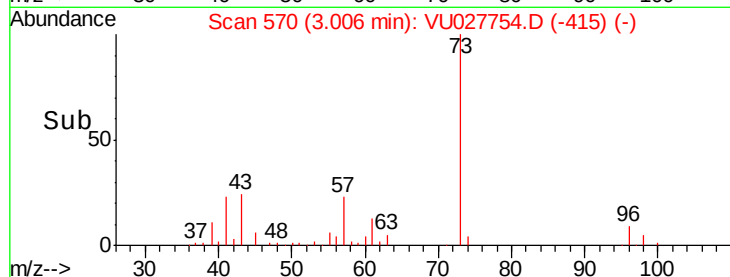
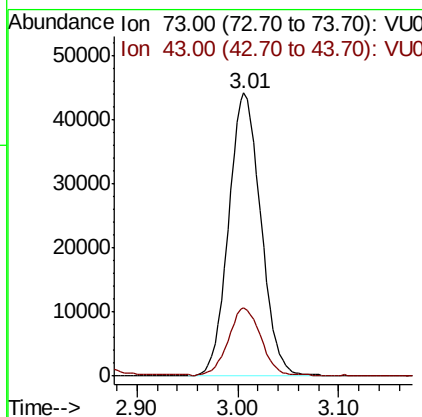
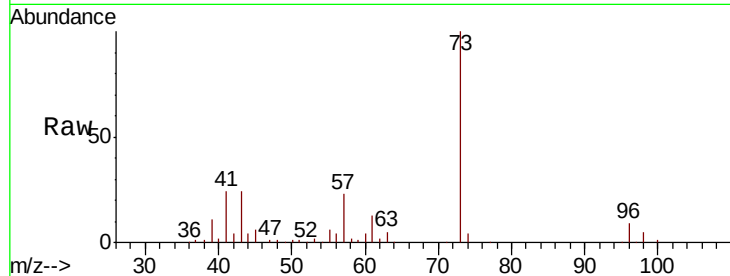
Methyl tert-Butyl Ether
 Concen: 9.926 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	73	Resp	98145
Ion Ratio	100	Lower	Upper
73	100		
43	23.8	18.6	27.8

Manual Integrations
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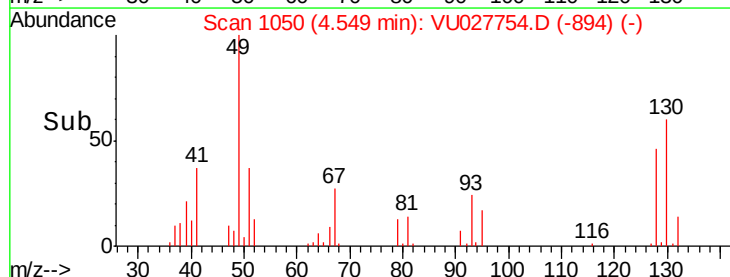
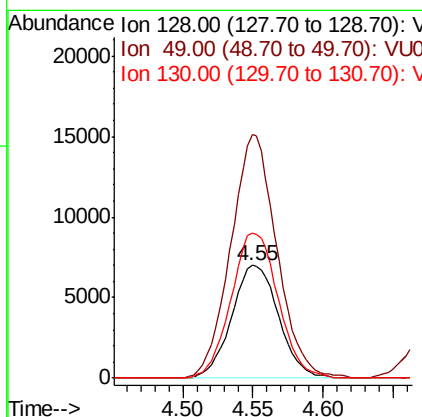
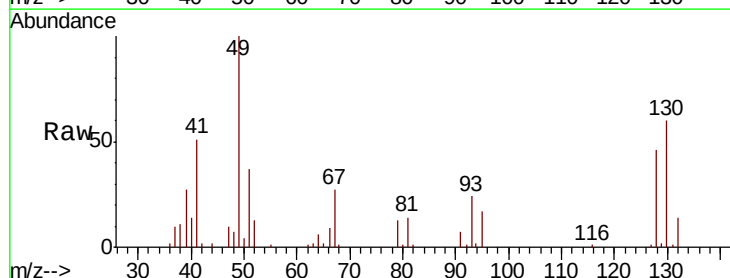
sam
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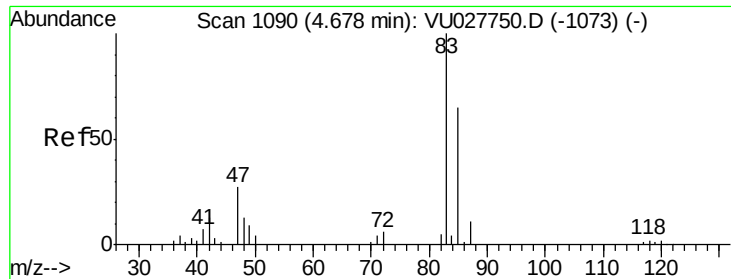


#26

Bromochloromethane
 Concen: 9.827 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	128	Resp	16314
Ion Ratio	100	Lower	Upper
128	100		
49	211.8	0.0	427.6
130	129.1	103.4	155.0





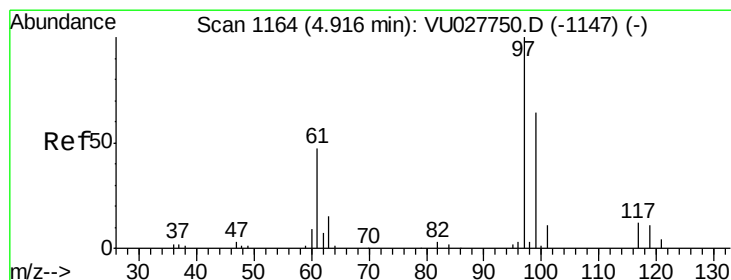
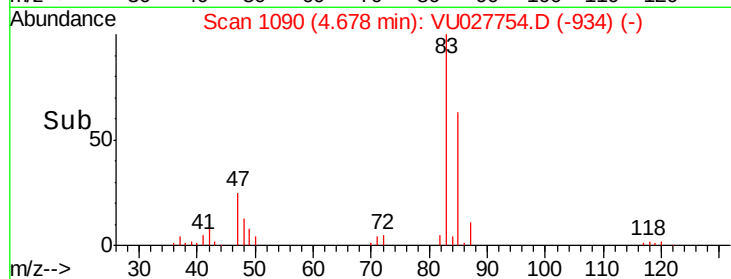
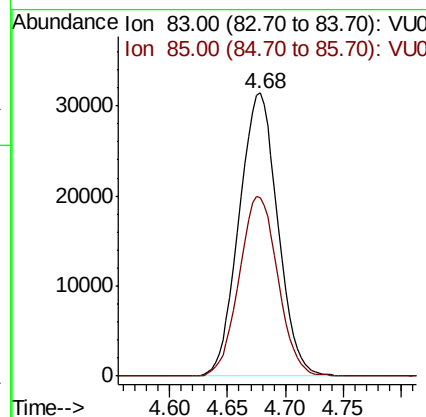
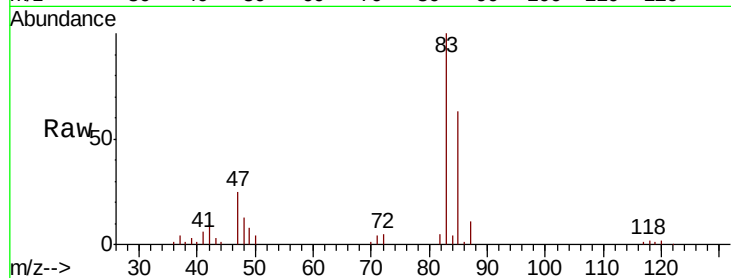
#27
Chloroform
Concen: 9.803 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	83	Resp	72807
Ion Ratio	100	Lower	Upper
85	62.9	0.0	130.2

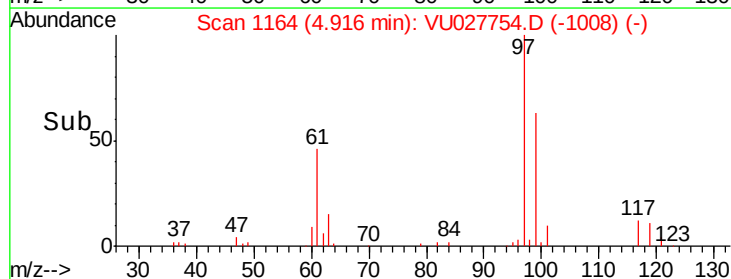
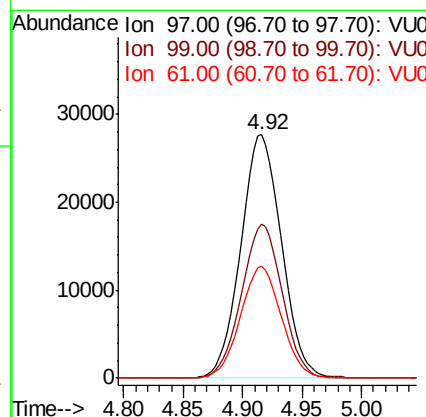
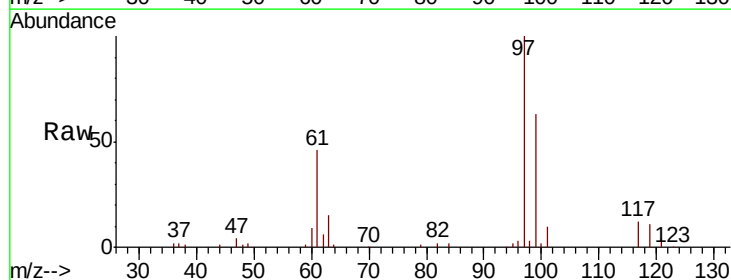
Manual Integrations
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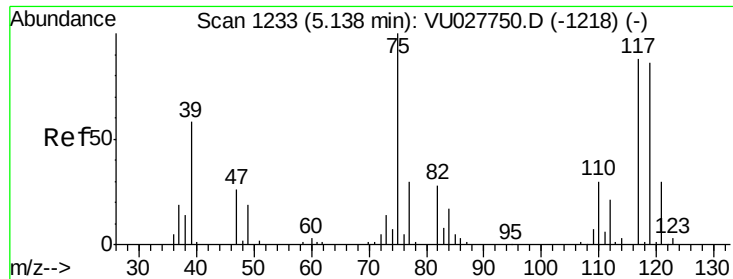
sam
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#28
1,1,1-Trichloroethane
Concen: 9.937 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	97	Resp	65697
Ion Ratio	100	Lower	Upper
99	63.2	31.8	95.4
61	46.0	23.6	70.8





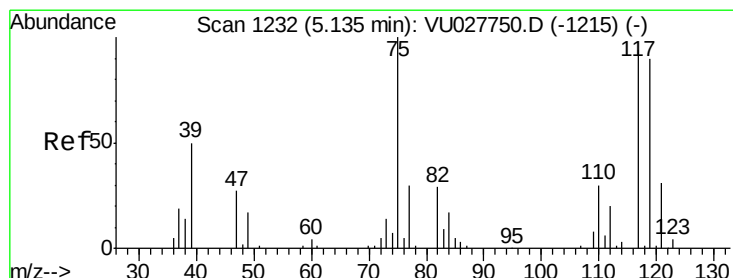
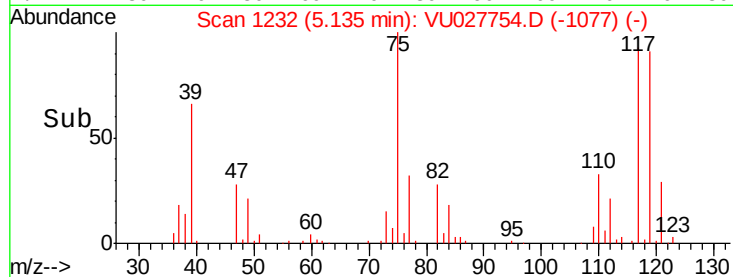
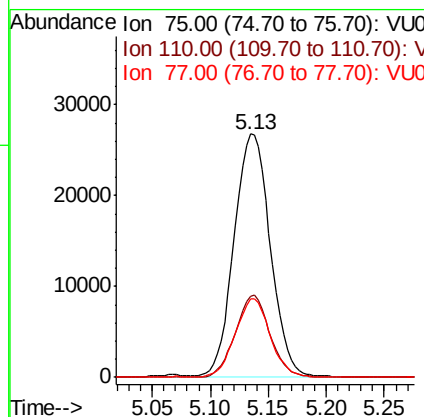
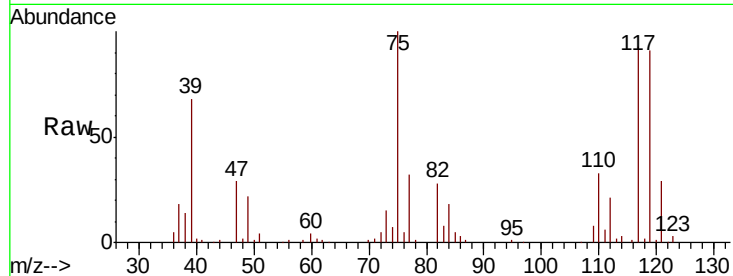
#29
 1,1-Dichloropropene
 Concen: 10.107 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	75	Resp:	58354
Ion Ratio	Lower	Upper	
75	100		
110	32.1	15.6	46.8
77	30.9	24.5	36.7

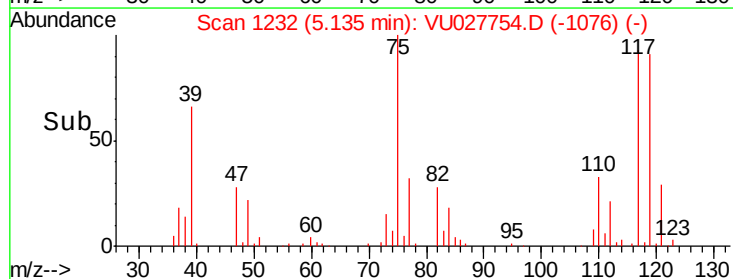
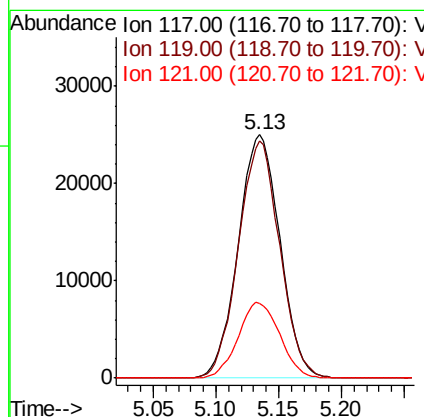
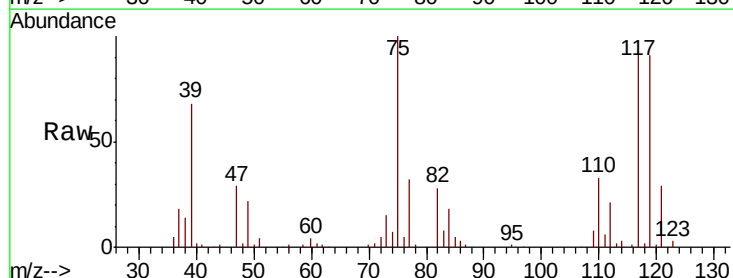
Manual Integrations
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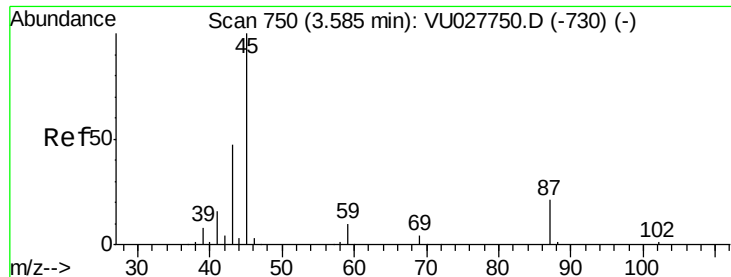
sam
 10/24/2018 2:19:08 PM



#30
 Carbon Tetrachloride
 Concen: 9.796 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion:	117	Resp:	57863
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.2	114.4
121	30.8	26.4	39.6





#31

Isopropyl Ether

Concen: 9.647 ug/l

RT: 3.58 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 132539

Ion Ratio Lower Upper

45 100

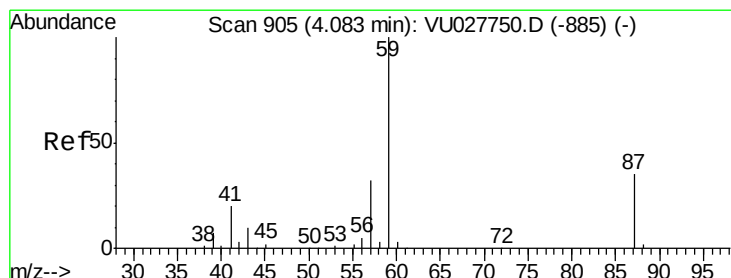
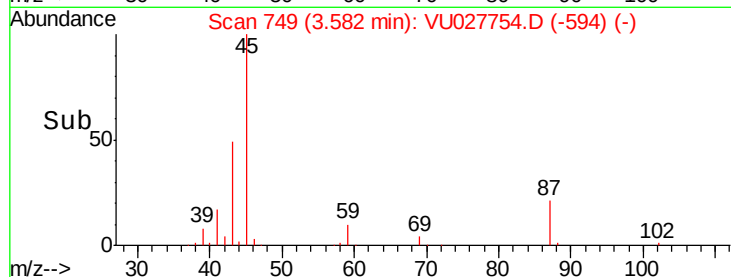
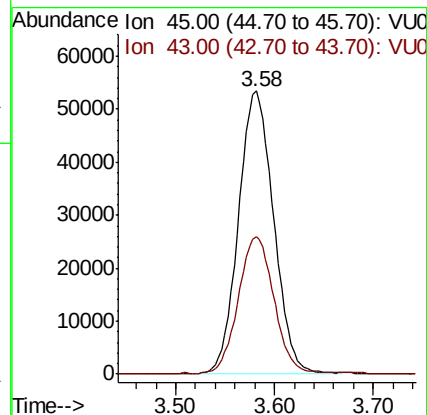
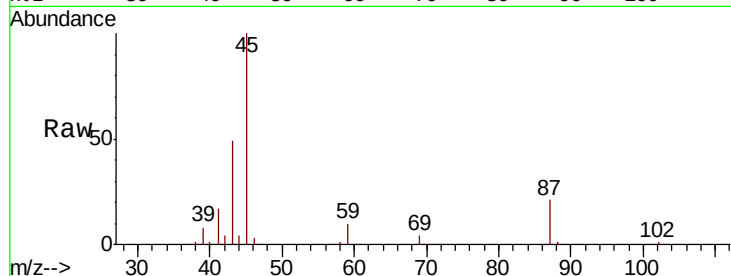
43 48.7 24.5 73.5

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#32

Ethyl-t-butyl ether

Concen: 9.654 ug/l

RT: 4.08 min Scan# 904

Delta R.T. -0.00 min

Lab File: VU027754.D

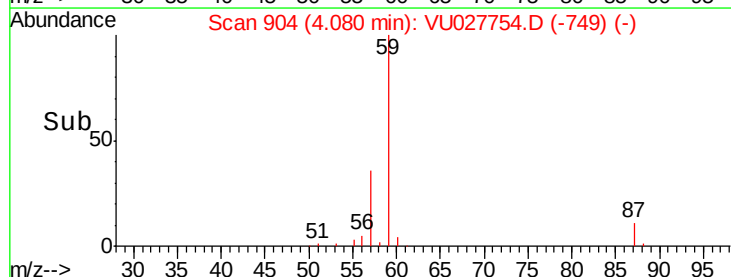
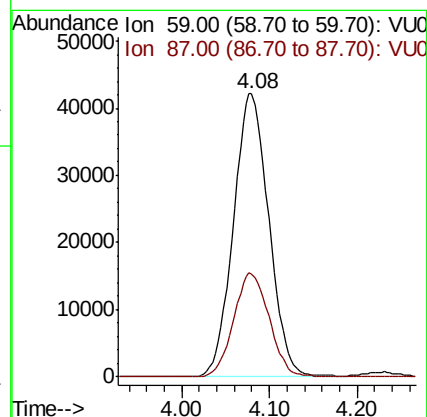
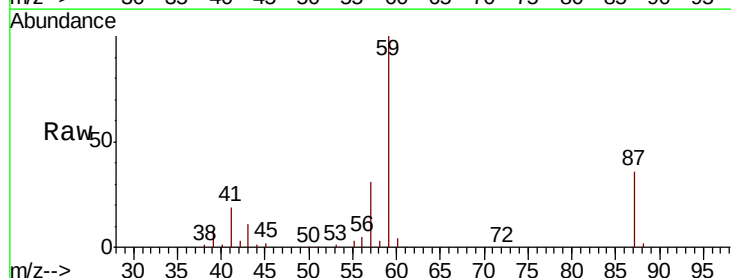
Acq: 23 Oct 2018 08:16

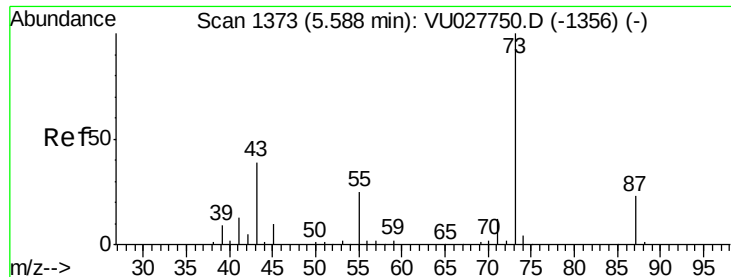
Tgt Ion: 59 Resp: 117682

Ion Ratio Lower Upper

59 100

87 36.7 29.4 44.0





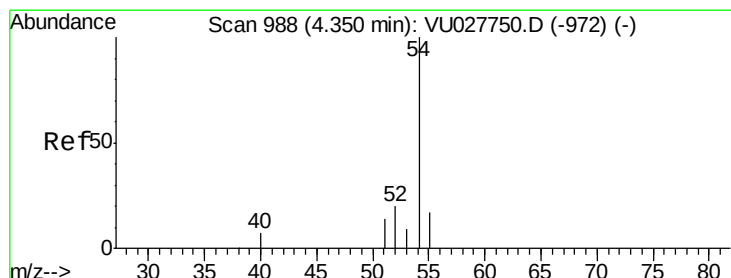
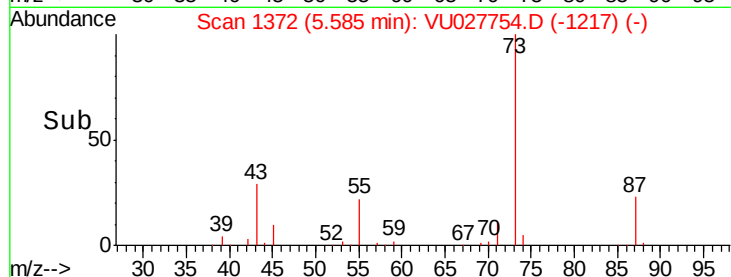
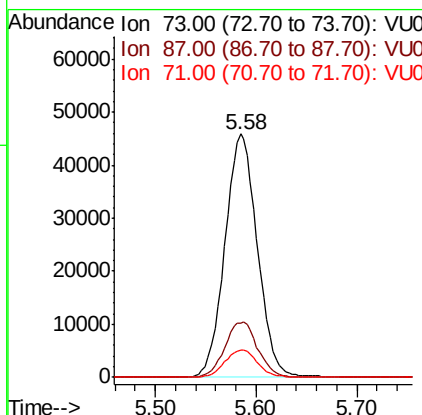
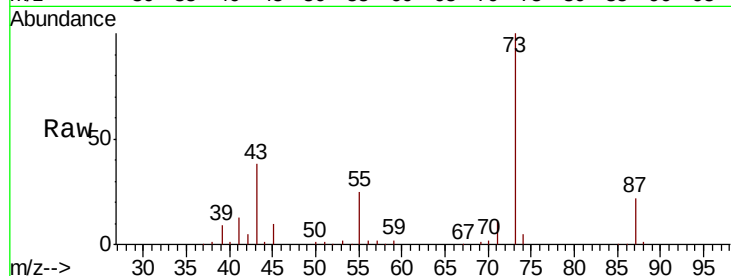
#33
Tert-Amvl methyl ether
Concen: 9.854 ug/l
RT: 5.58 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.2	18.5	27.7
71	11.3	9.1	13.7

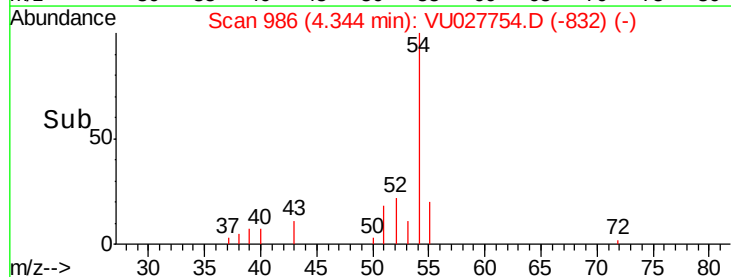
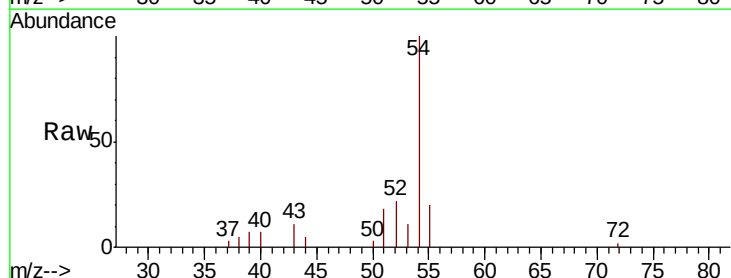
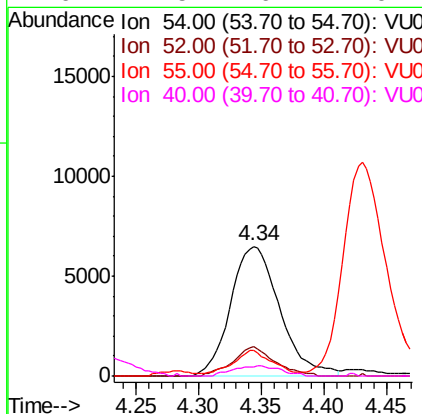
Manual Integrations
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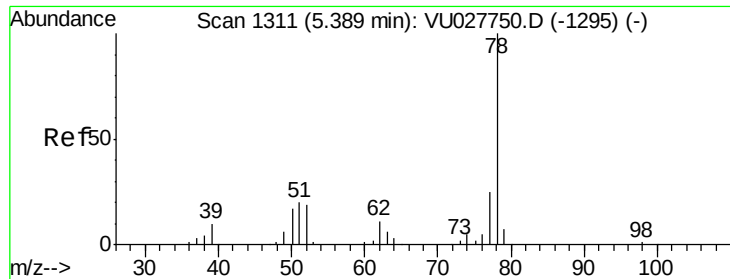
sam
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#34
Propionitrile
Concen: 51.734 ug/l
RT: 4.34 min Scan# 986
Delta R.T. -0.01 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.2	15.5	23.3
55	14.1	12.6	18.8
40	7.5	6.1	9.1





#35

Benzene

Concen: 9.835 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 78 Resp: 158690

Ion Ratio Lower Upper

78 100

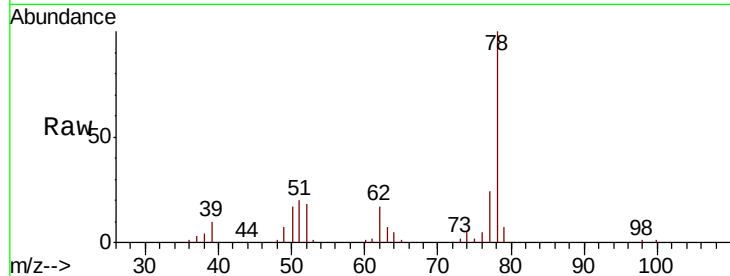
77 24.1 19.9 29.9

Manual Integrations

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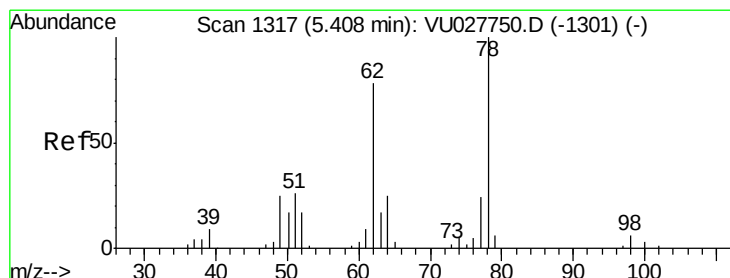
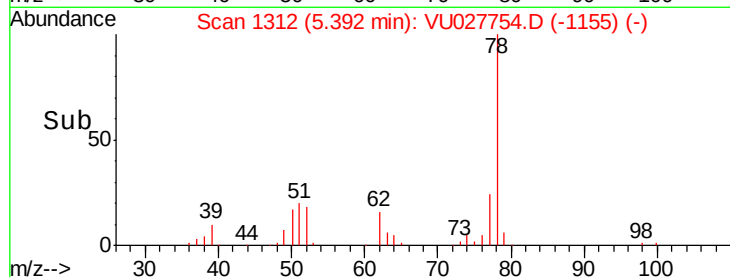
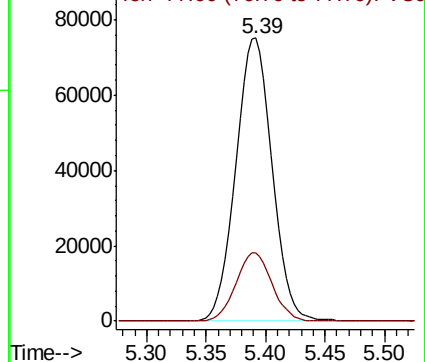
sam

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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 9.844 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027754.D

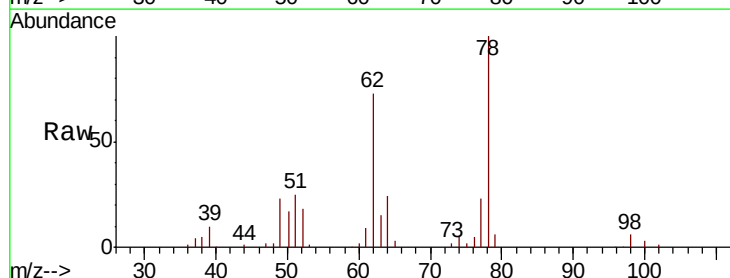
Acq: 23 Oct 2018 08:16

Tgt Ion: 62 Resp: 52863

Ion Ratio Lower Upper

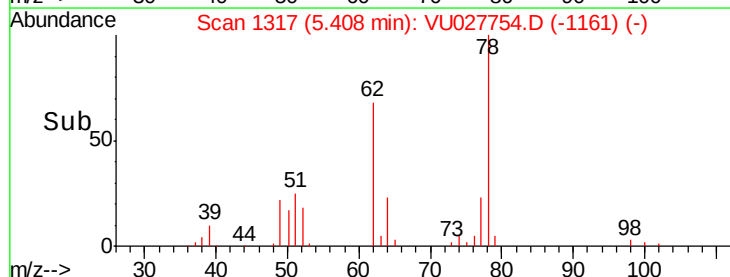
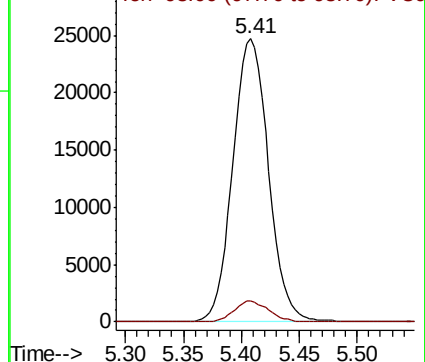
62 100

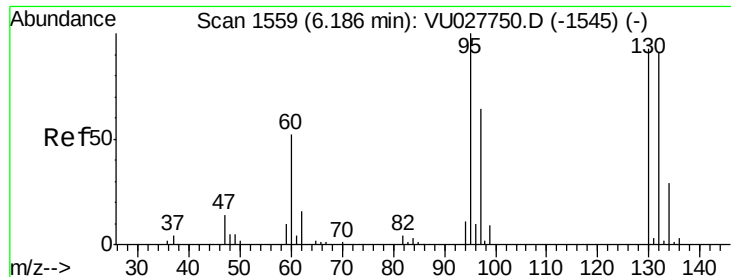
98 7.0 5.8 8.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 9.875 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:130 Resp: 39307

Ion Ratio Lower Upper

130 100

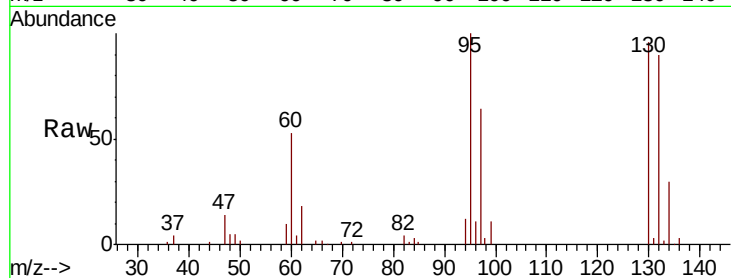
95 104.5 86.4 129.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): VU027750.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027754.D (-1403) (-)

6.19

25000

20000

15000

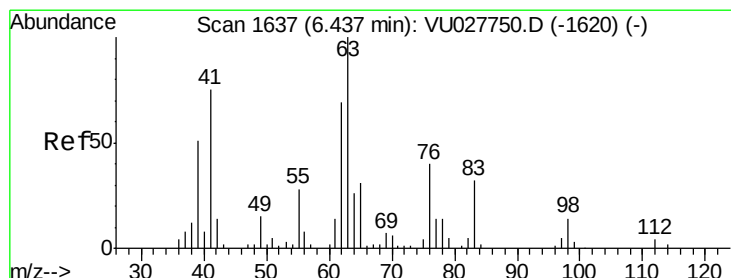
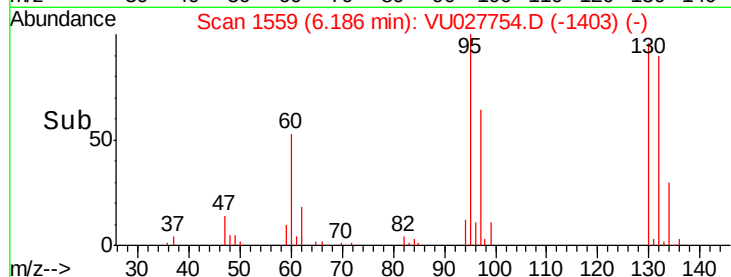
10000

5000

0

Time-->

6.10 6.15 6.20 6.25 6.30



#38

1,2-Dichloropropane

Concen: 9.740 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027754.D

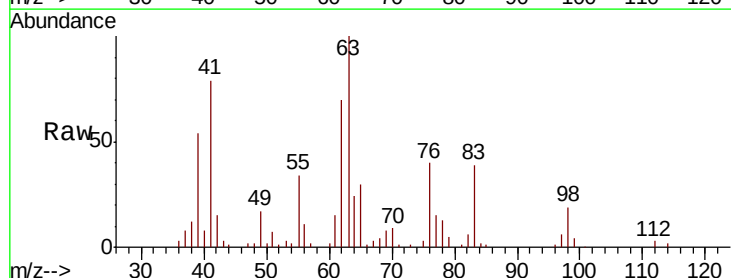
Acq: 23 Oct 2018 08:16

Tgt Ion: 63 Resp: 44134

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027750.D (-1620) (-)

Ion 65.00 (64.70 to 65.70): VU027754.D (-1481) (-)

6.44

25000

20000

15000

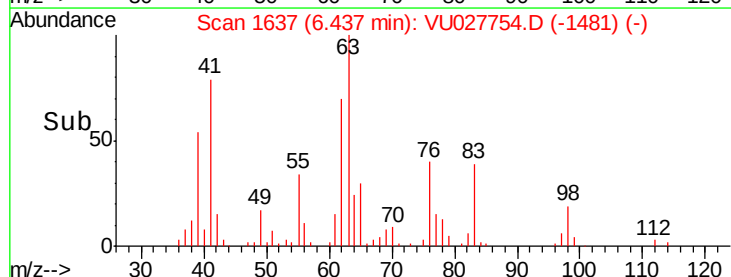
10000

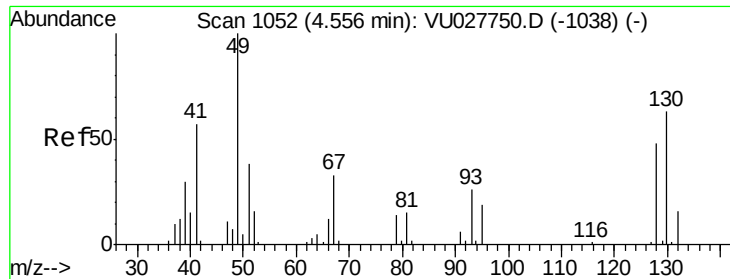
5000

0

Time-->

6.35 6.40 6.45 6.50





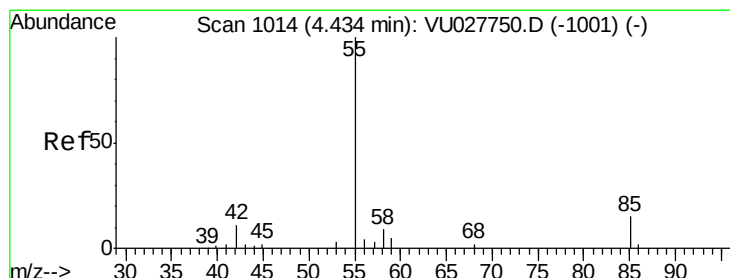
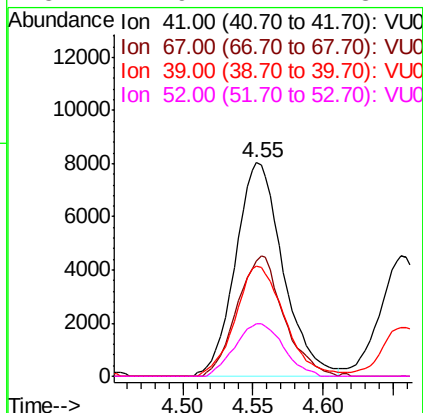
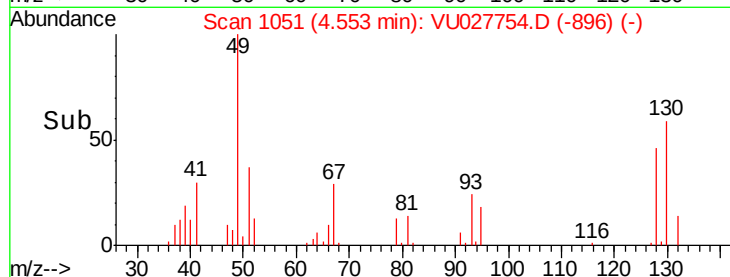
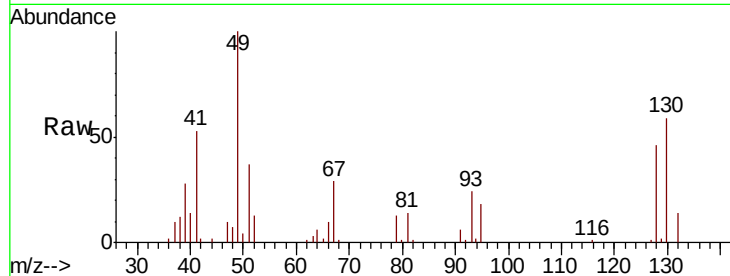
#39
Methacrylonitrile
Concen: 10.035 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	41	Resp	18949
Ion	Ratio	Lower	Upper
41	100		
67	55.2	46.1	69.1
39	53.3	43.6	65.4
52	24.9	21.4	32.2

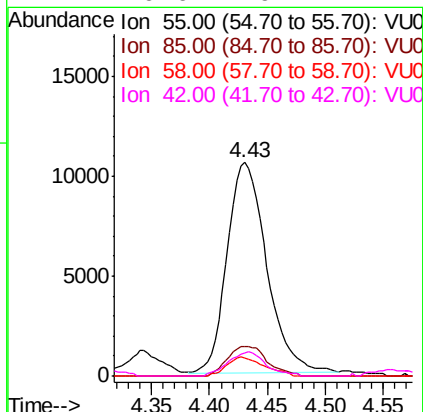
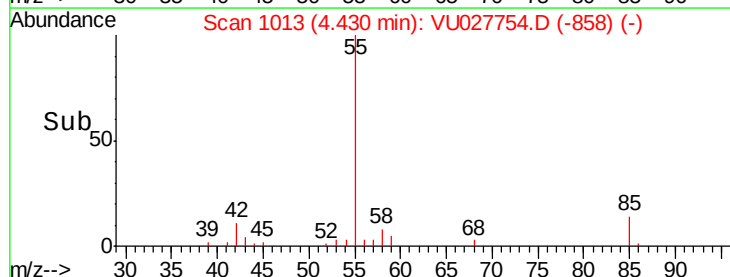
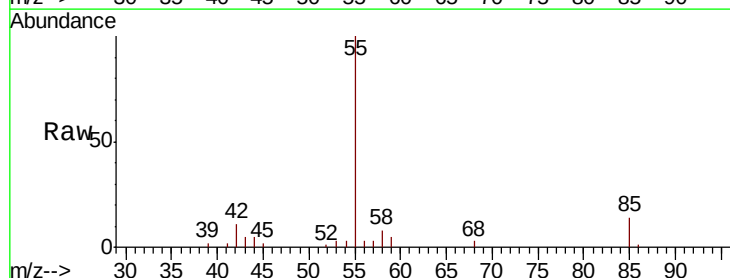
Manual Integrations
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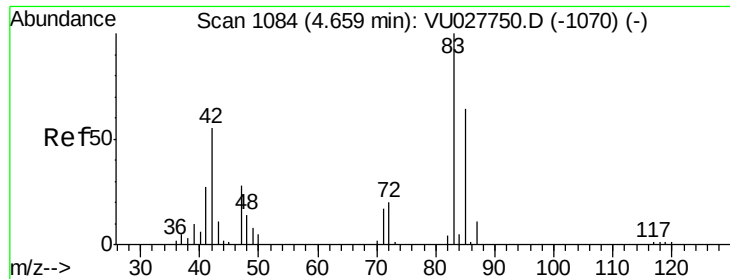
sam
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#40
Methyl acrylate
Concen: 10.209 ug/l
RT: 4.43 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	55	Resp	25112
Ion	Ratio	Lower	Upper
55	100		
85	14.0	11.8	17.6
58	8.4	7.0	10.4
42	10.6	9.4	14.2





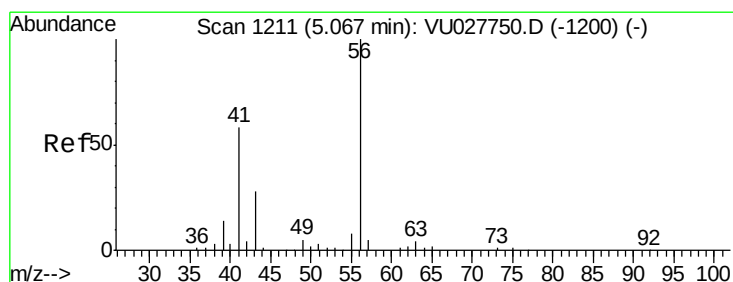
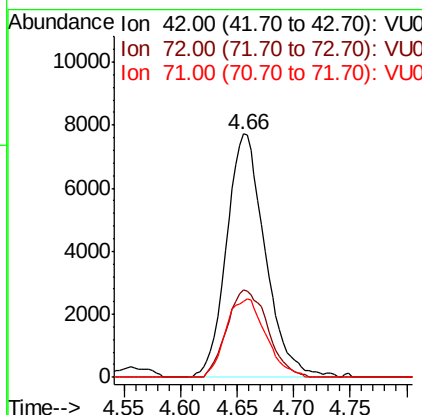
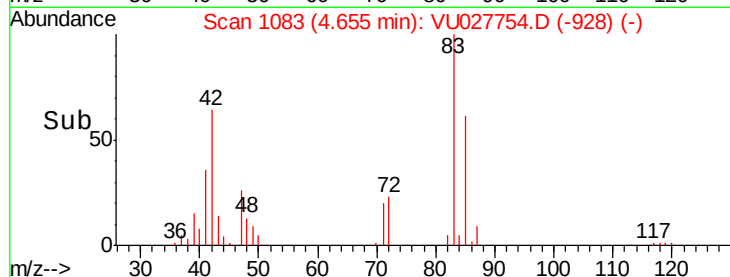
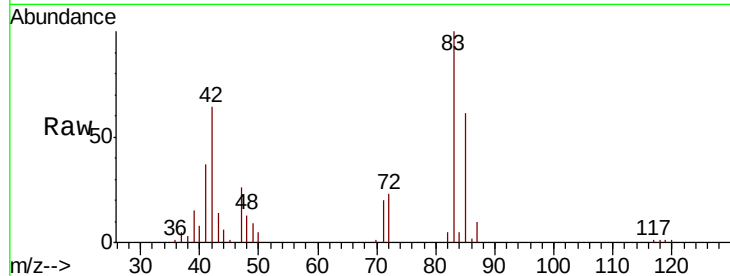
#41
Tetrahydrofuran
Concen: 17.596 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.6	45.8
71	33.4	25.2	37.8

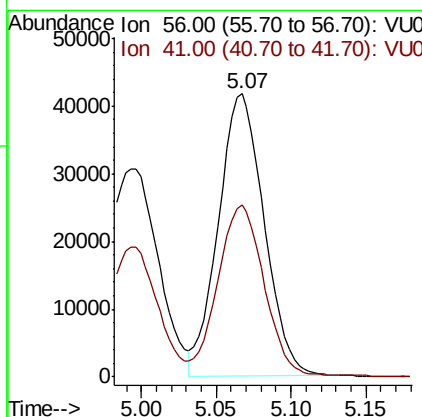
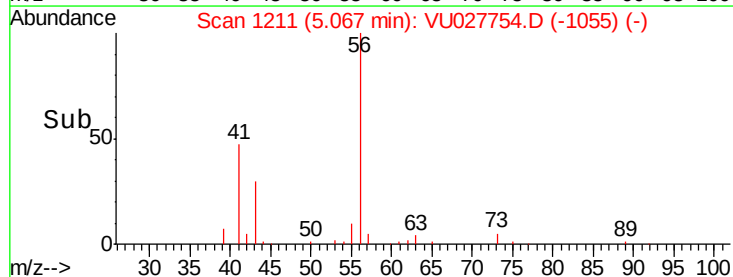
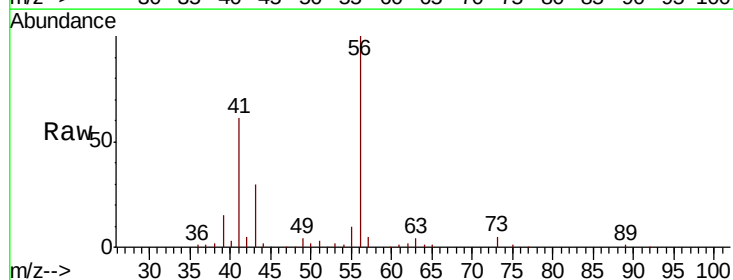
Manual Integrations
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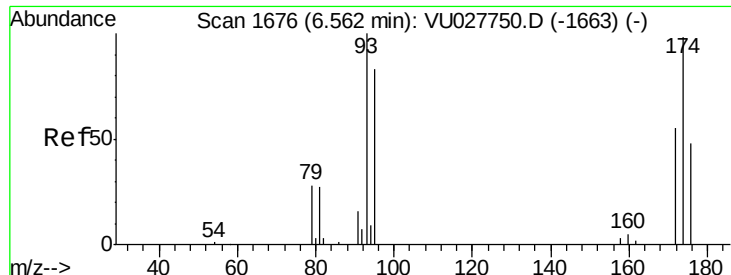
sam
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#42
1-Chlorobutane
Concen: 9.749 ug/l
RT: 5.07 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
56	100		
41	62.3	29.4	88.2





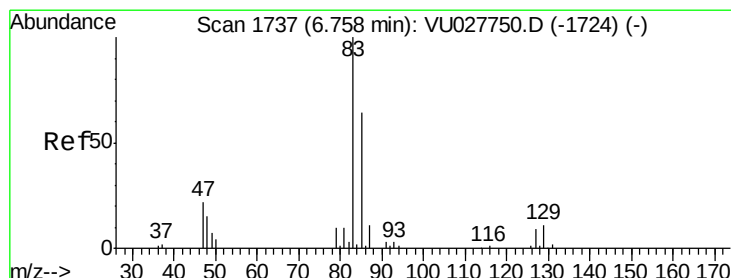
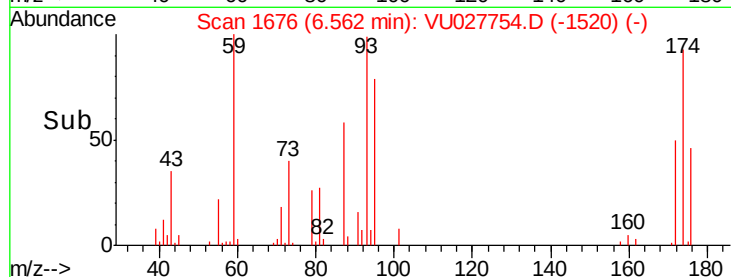
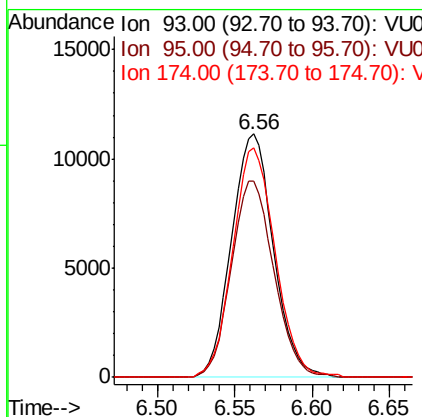
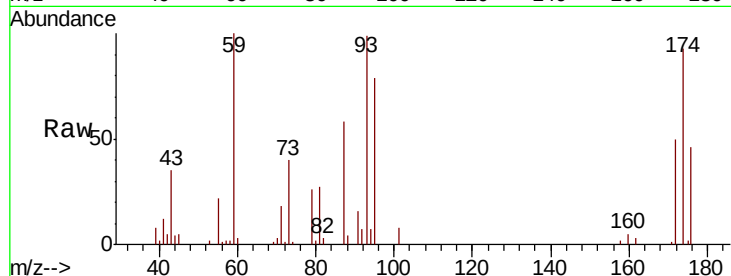
#43
Dibromomethane
Concen: 10.191 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.8	64.2	96.2
174	95.3	76.7	115.1

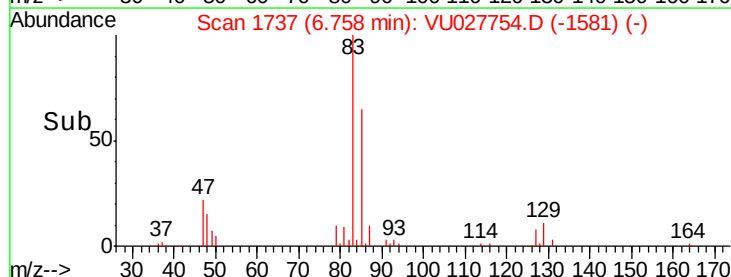
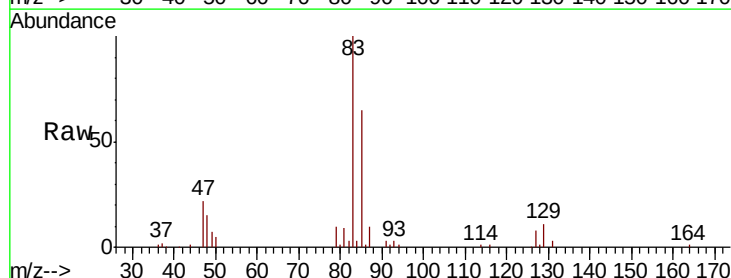
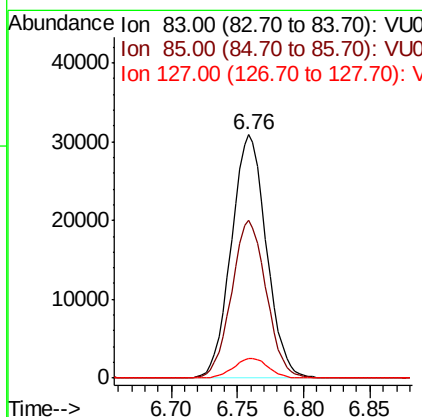
Manual Integrations
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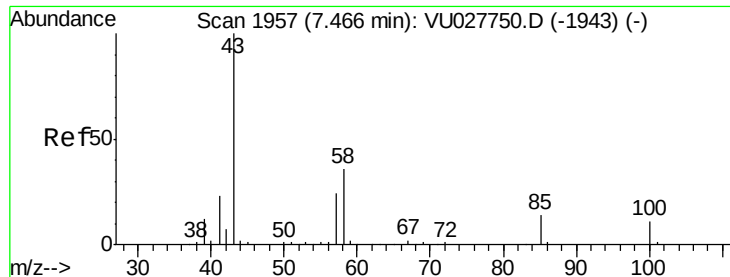
sam
10/24/2018 2:19:08 PM



#44
Bromodichloromethane
Concen: 10.153 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3
127	8.0	7.0	10.4





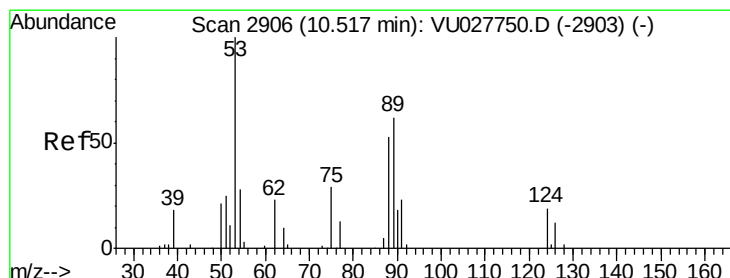
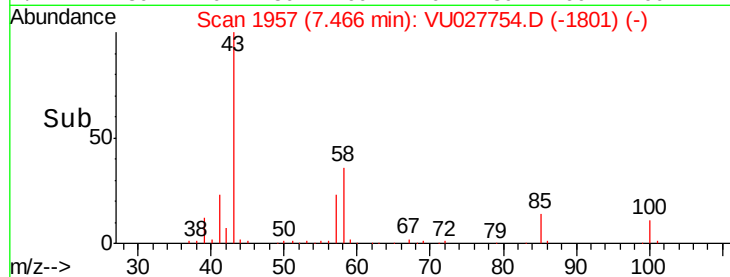
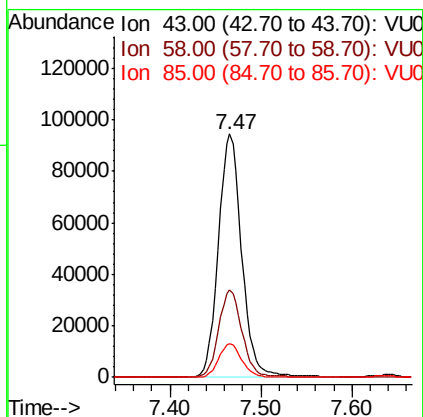
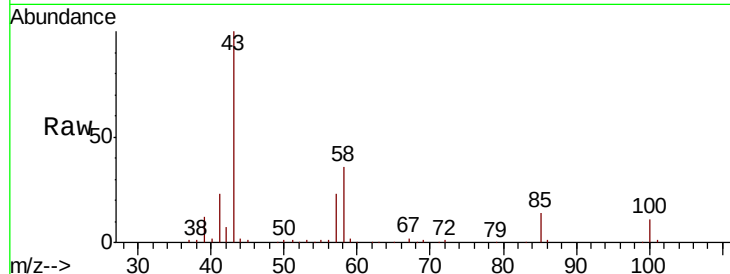
#45
4-Methyl-2-Pentanone
Concen: 50.503 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.9	17.9	53.8
85	13.8	11.4	17.0

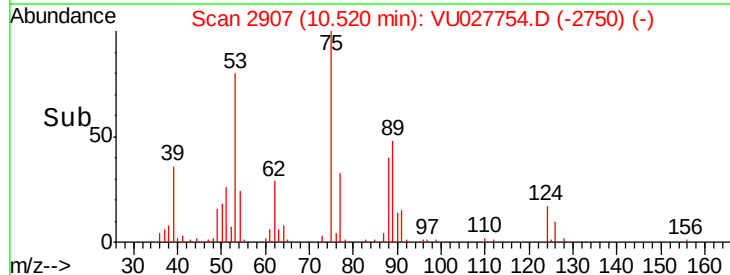
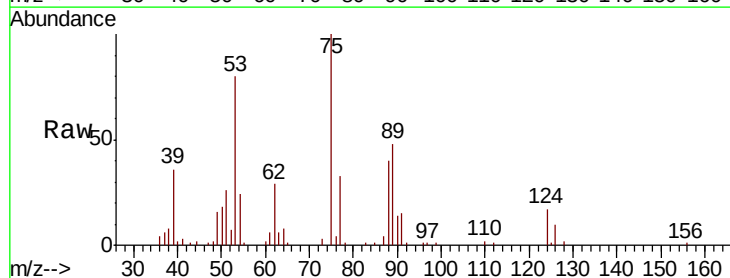
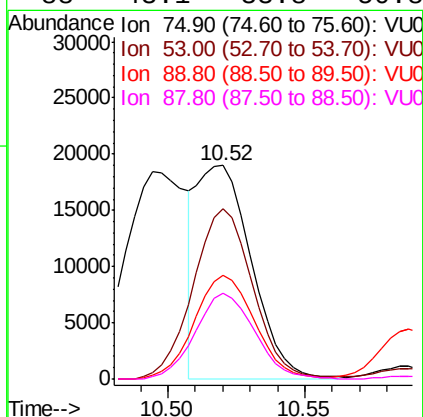
Manual Integrations
APPROVED

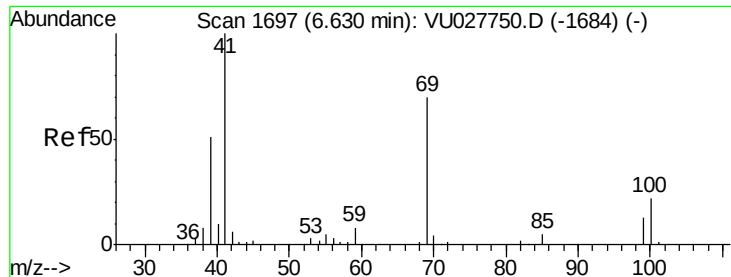
sam
10/24/2018 2:19:08 PM



#46
t-1,4-Dichloro-2-butene
Concen: 21.945 ug/l m
RT: 10.52 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.3	68.2	102.4
89	53.3	41.8	62.6
88	43.1	33.8	50.8





#47

Methyl methacrylate

Concen: 20.389 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

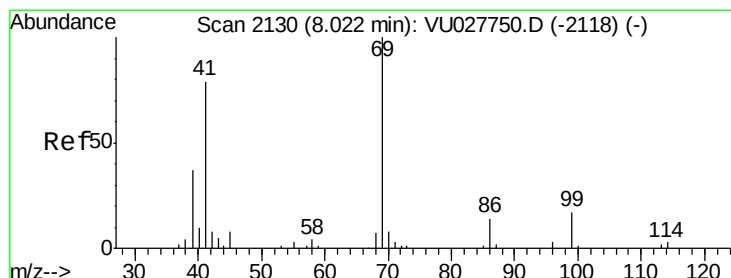
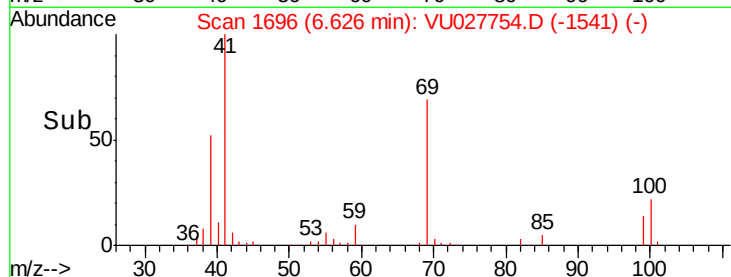
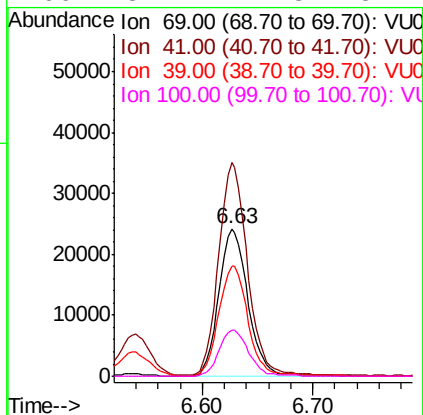
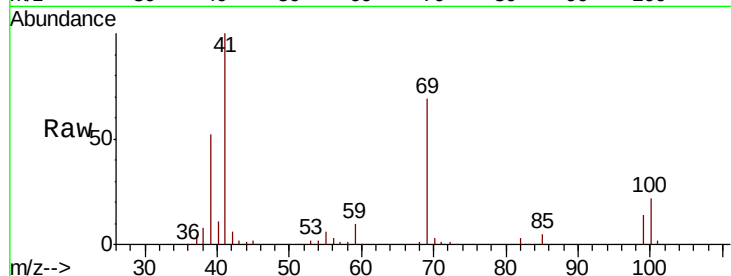
ClientSampleId :

VSTDCCC010

Tot Ion:	69	Resp:	44294
Ion	Ratio	Lower	Upper
69	100		
41	141.6	0.0	281.2
39	75.5	58.6	88.0
100	31.7	24.8	37.2

Manual Integrations
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#48

Ethyl methacrylate

Concen: 10.337 ug/l

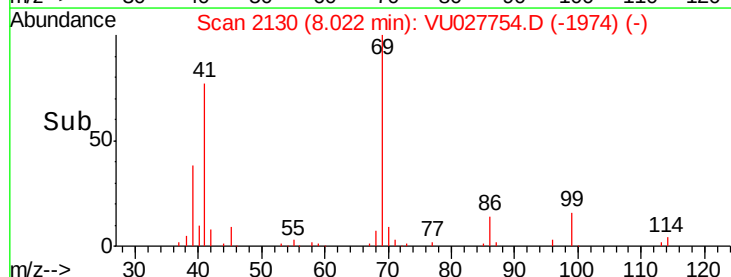
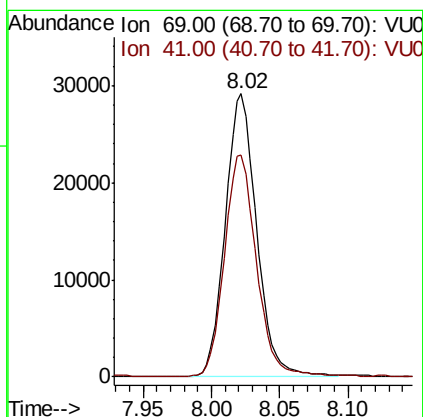
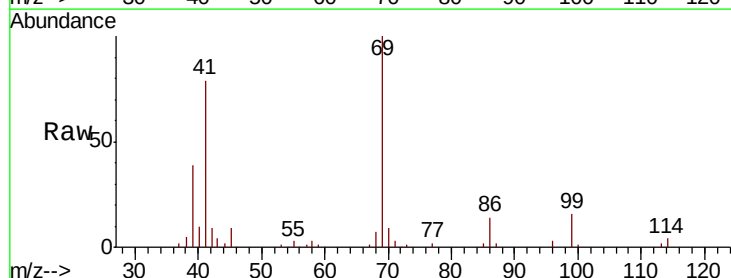
RT: 8.02 min Scan# 2130

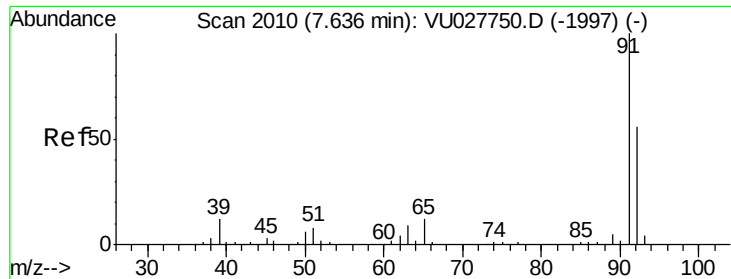
Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Tgt Ion:	69	Resp:	46671
Ion	Ratio	Lower	Upper
69	100		
41	80.3	39.1	117.2





#49

Toluene

Concen: 10.256 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 98187

Ion Ratio Lower Upper

92 100

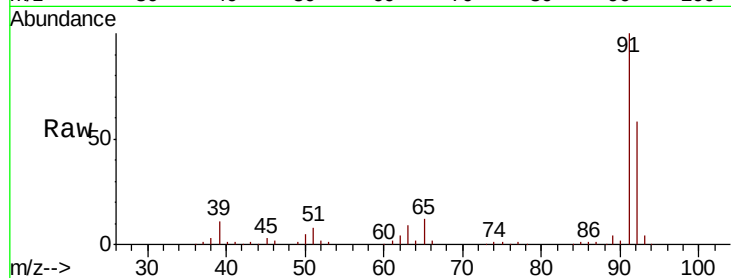
91 174.1 141.8 212.8

Manual Integrations

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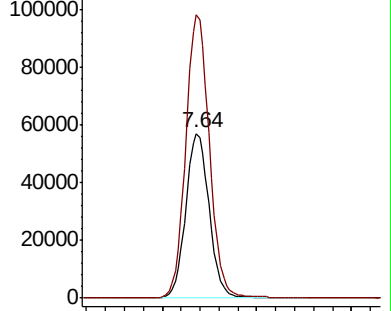
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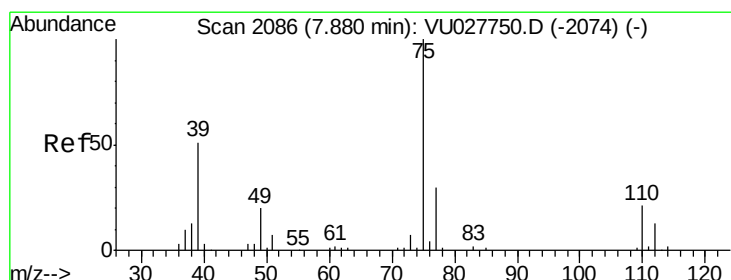
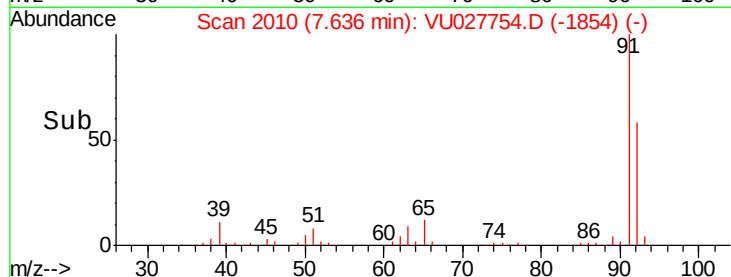


Abundance Ion 92.00 (91.70 to 92.70): VU027750.D

Ion 91.00 (90.70 to 91.70): VU027750.D



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.340 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027754.D

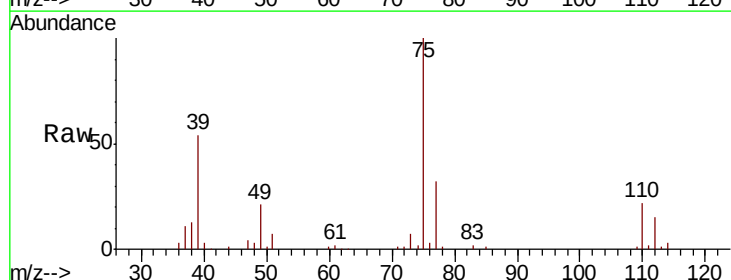
Acq: 23 Oct 2018 08:16

Tgt Ion: 75 Resp: 57622

Ion Ratio Lower Upper

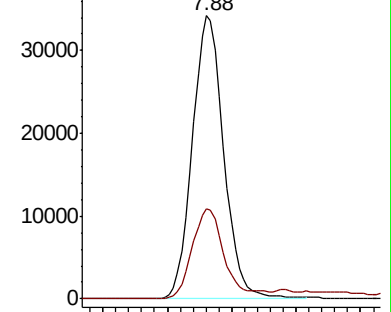
75 100

77 32.0 24.1 36.1

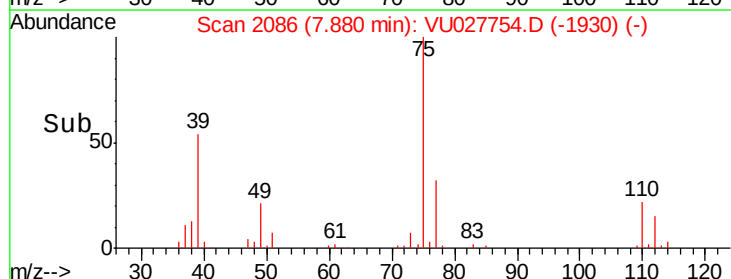


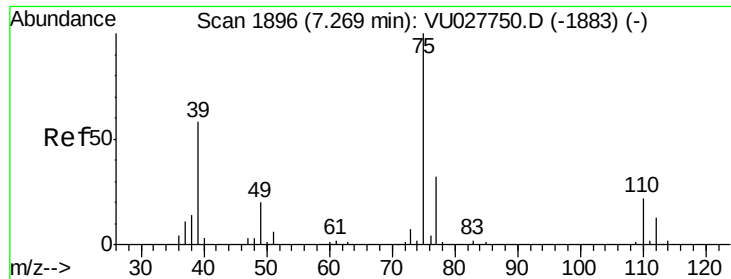
Abundance Ion 75.00 (74.70 to 75.70): VU027750.D

Ion 77.00 (76.70 to 77.70): VU027750.D



Time-->





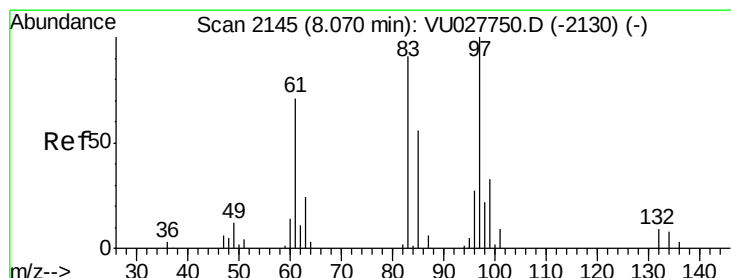
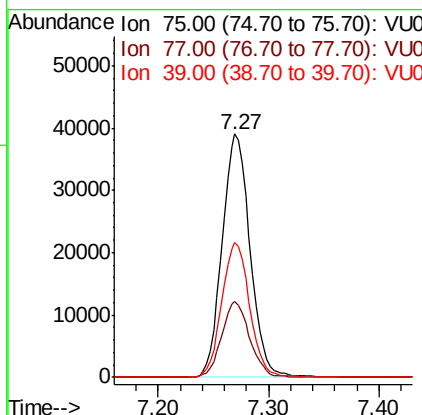
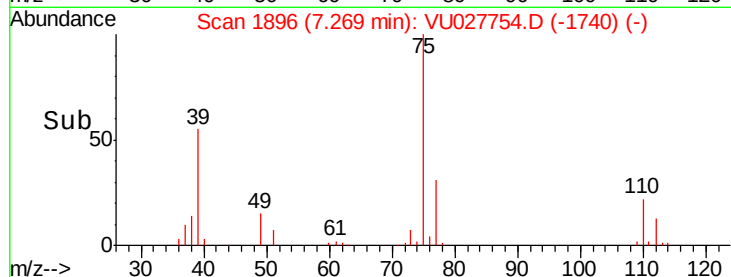
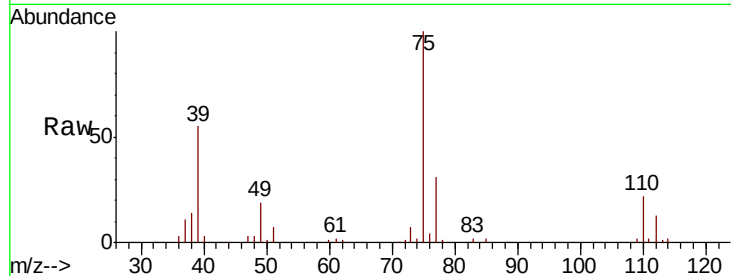
#51
 cis-1,3-Dichloropropene
 Concen: 10.437 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	55.2	46.4	69.6

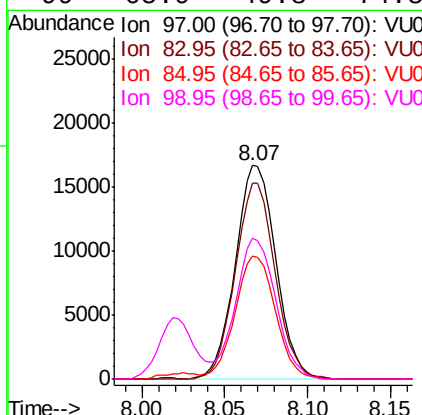
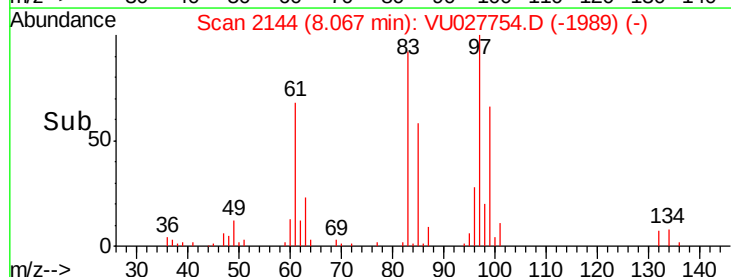
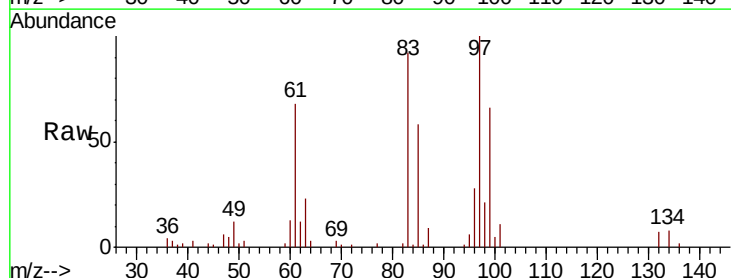
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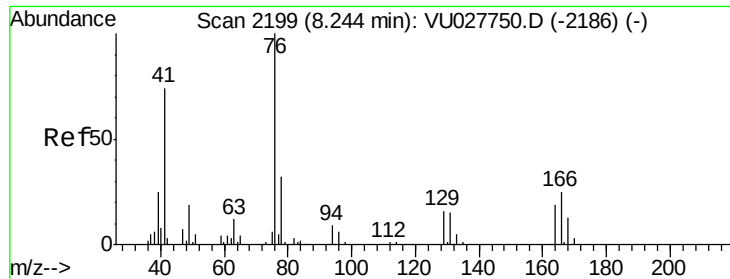
sam
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#52
 1,1,2-Trichloroethane
 Concen: 10.191 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.8	73.0	109.6
85	57.6	46.5	69.7
99	65.9	49.8	74.8





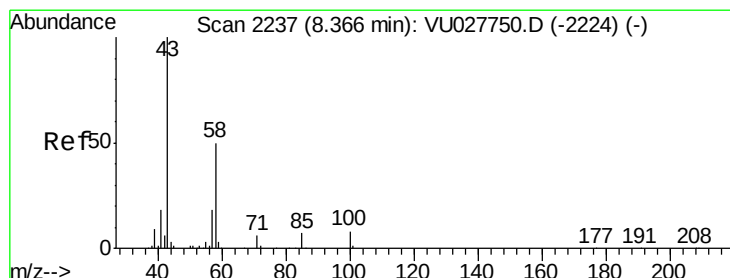
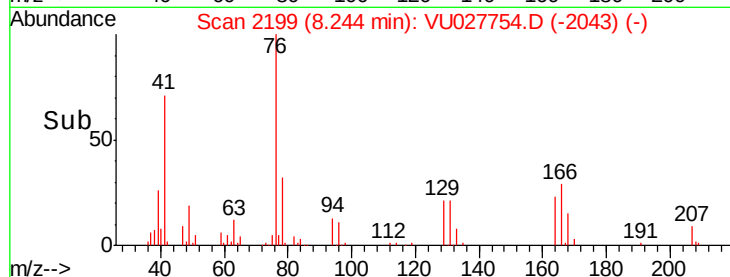
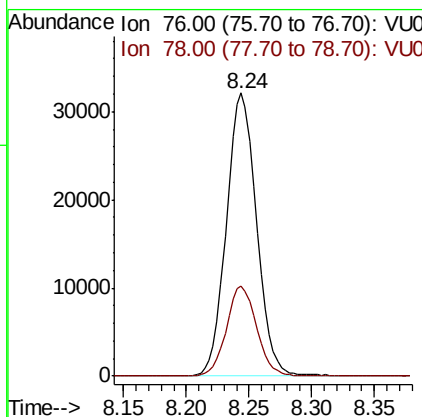
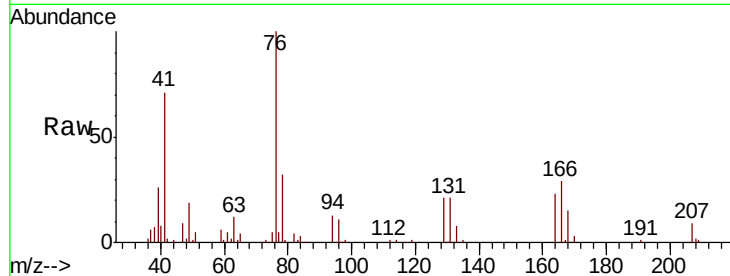
#53
 1,3-Dichloropropane
 Concen: 10.023 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion: 76 Resp: 53577
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.0

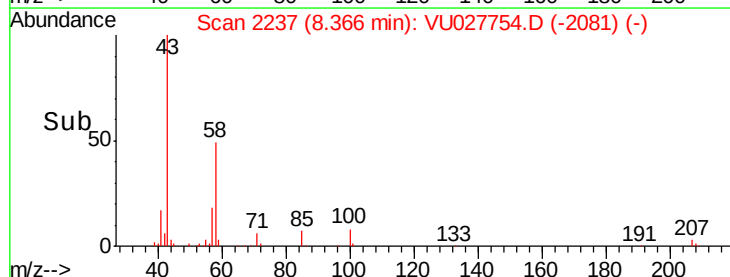
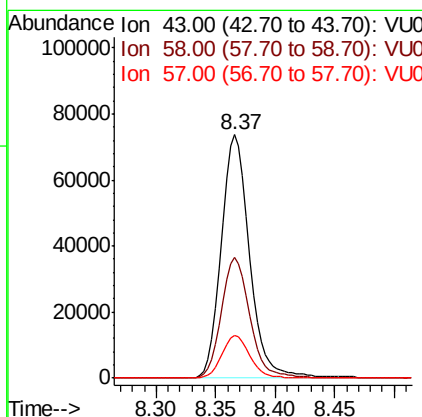
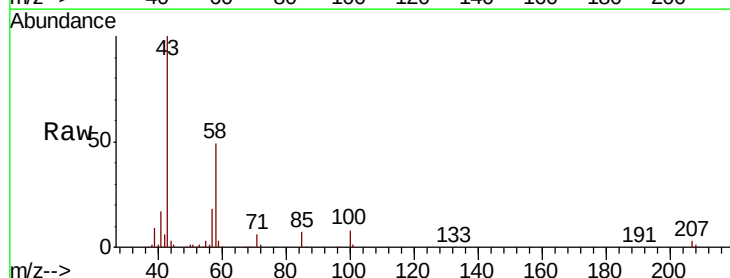
Manual Integrations
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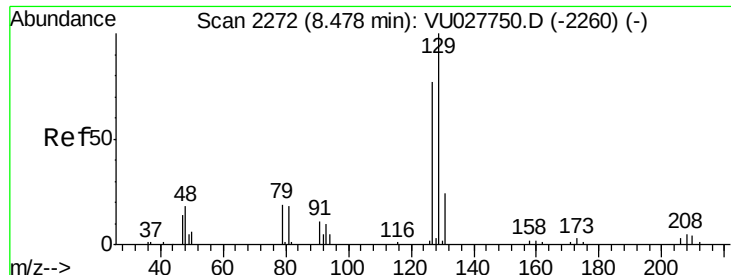
sam
 10/24/2018 2:19:08 PM



#54
 2-Hexanone
 Concen: 51.076 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 43 Resp: 121706
 Ion Ratio Lower Upper
 43 100
 58 50.0 30.0 70.0
 57 17.5 0.0 37.7





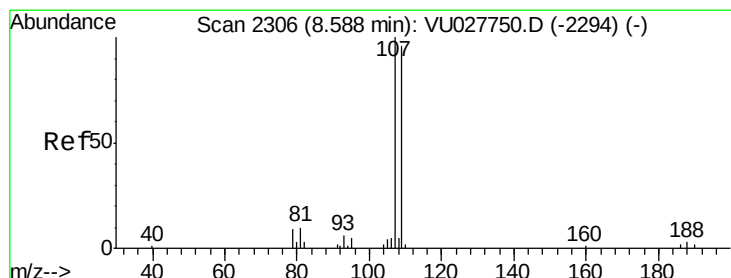
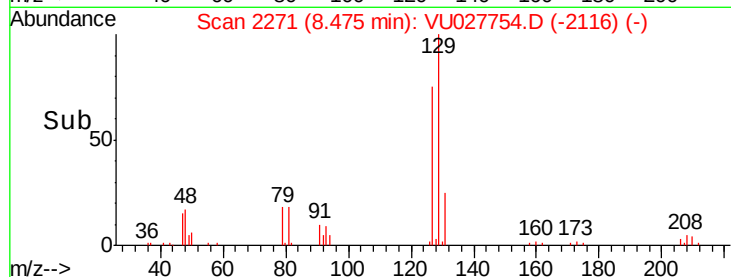
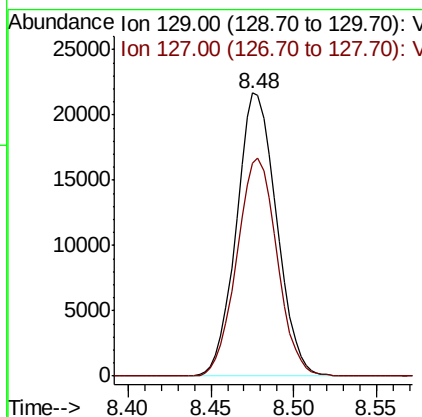
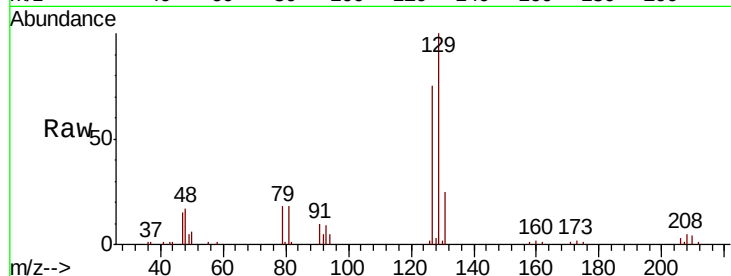
#55
 Dibromochloromethane
 Concen: 10.440 ug/l
 RT: 8.48 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		36517		
127	77.1		61.9	92.9	

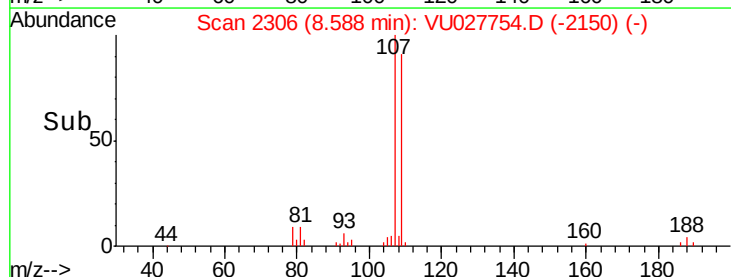
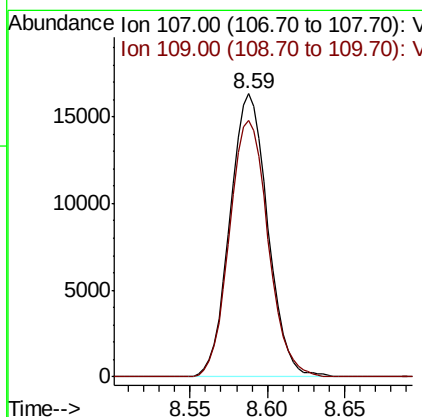
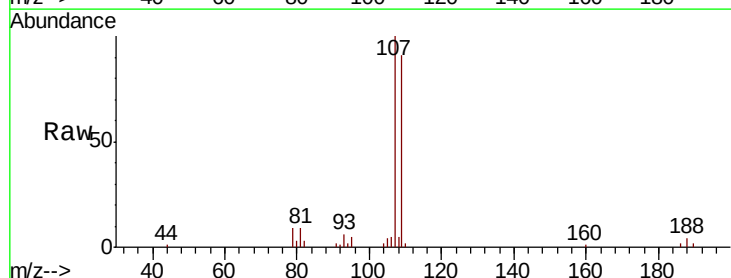
Manual Integrations
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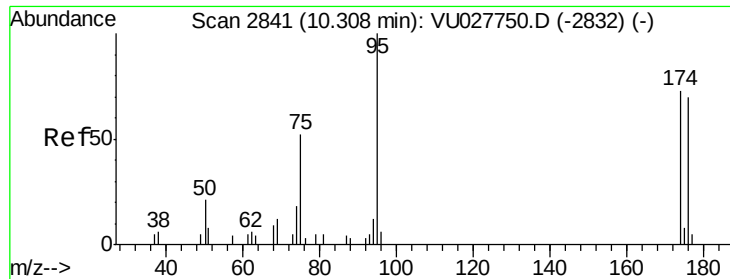
sam
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#56
 1,2-Dibromoethane
 Concen: 10.132 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		27677		
109	92.6		0.0	188.4	





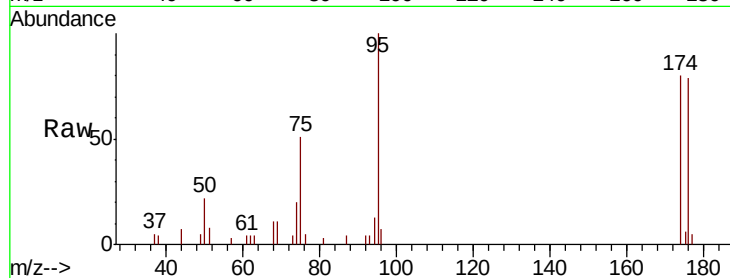
#57
4-Bromofluorobenzene
Concen: 10.132 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	95	Resp:	5688
Ion	Ratio	Lower	Upper
95	100		
174	79.5	64.5	96.7
176	77.2	58.3	87.5

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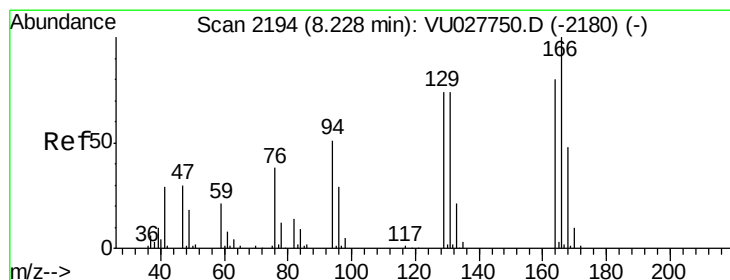
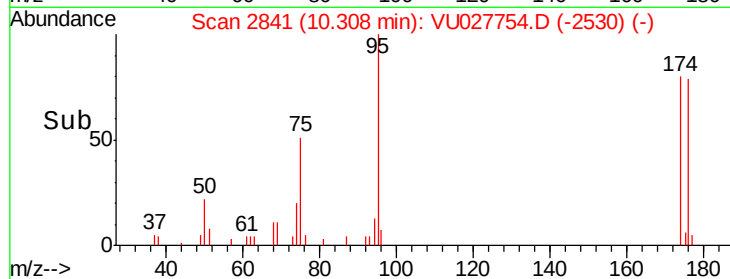
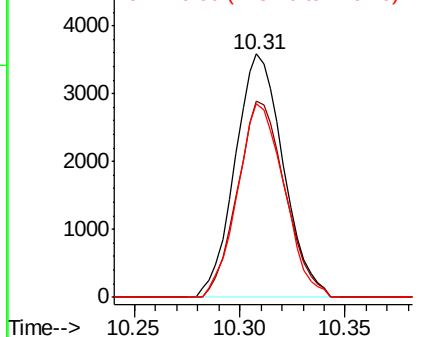


Abundance

Ion 95.00 (94.70 to 95.70): VU027754.D (-2038) (-)

Ion 174.00 (173.70 to 174.70): VU027754.D (-2038) (-)

Ion 176.00 (175.70 to 176.70): VU027754.D (-2038) (-)



#58
Tetrachloroethene
Concen: 9.727 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion:	164	Resp:	36519
Ion	Ratio	Lower	Upper
164	100		
166	124.2	100.2	150.4
129	91.0	73.7	110.5
131	93.3	73.8	110.6

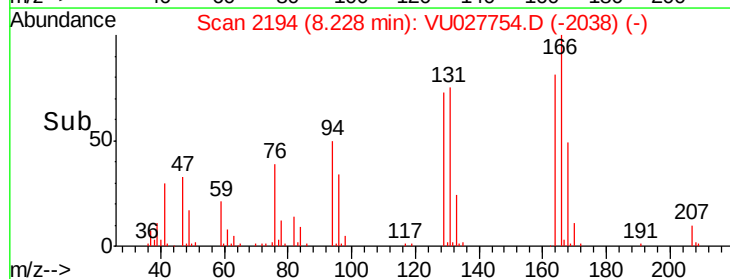
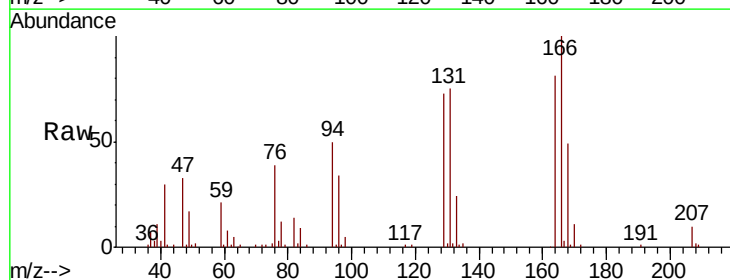
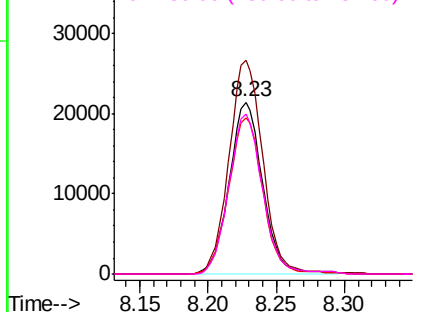
Abundance

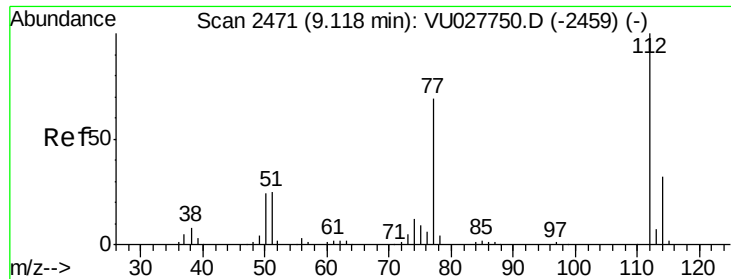
Ion 163.85 (163.55 to 164.55): VU027754.D (-2038) (-)

Ion 165.80 (165.50 to 166.50): VU027754.D (-2038) (-)

Ion 128.90 (128.60 to 129.60): VU027754.D (-2038) (-)

Ion 130.90 (130.60 to 131.60): VU027754.D (-2038) (-)





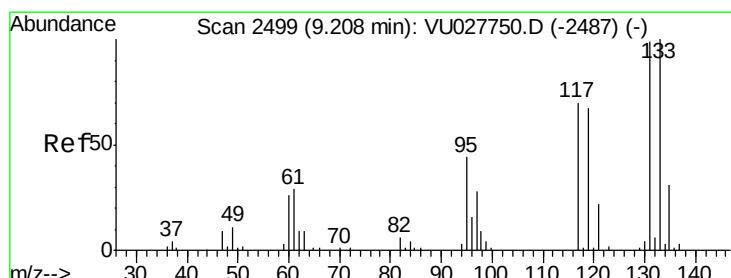
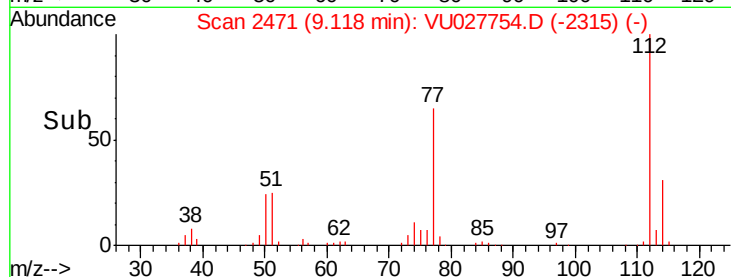
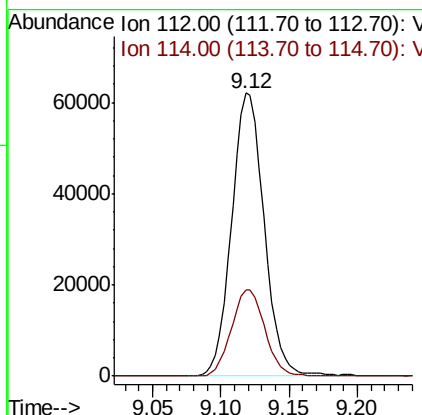
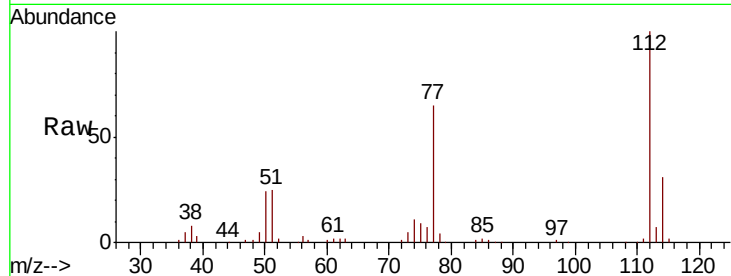
#59
Chlorobenzene
Concen: 10.012 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.4	38.0

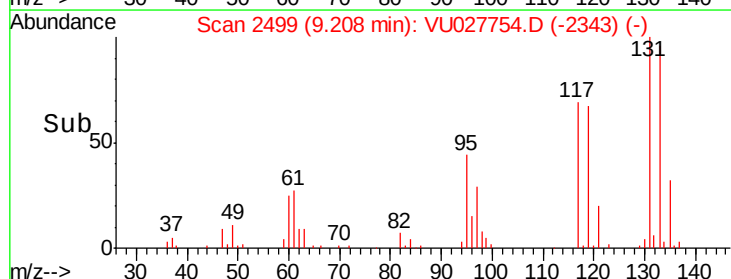
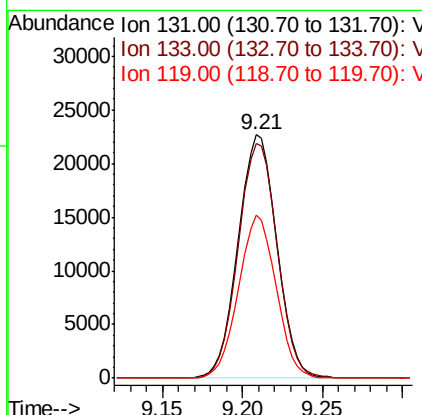
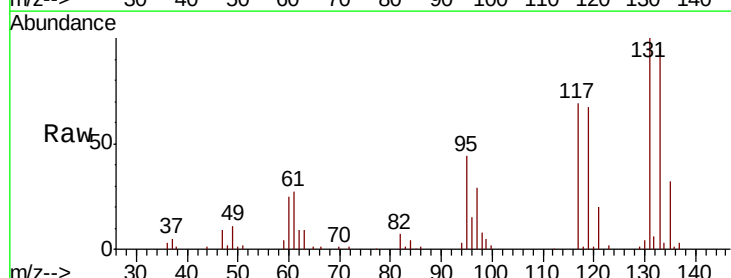
Manual Integrations
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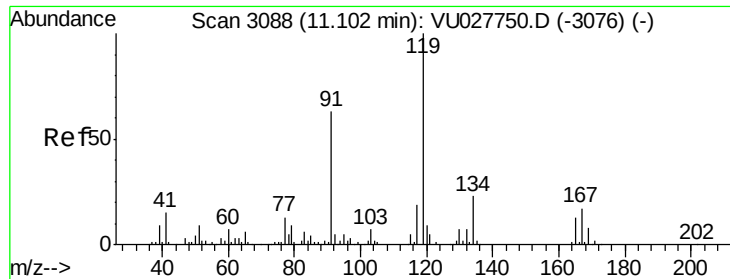
sam
10/24/2018 2:19:08 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 10.046 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	77.5	116.3
119	64.7	52.0	78.0





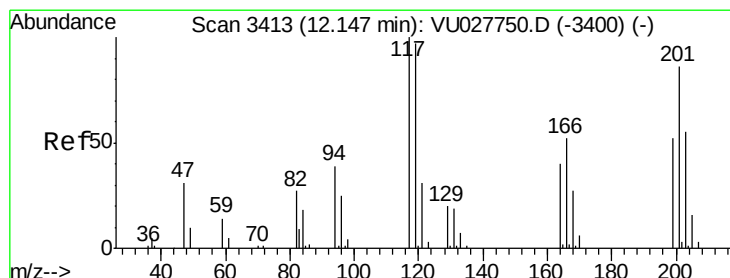
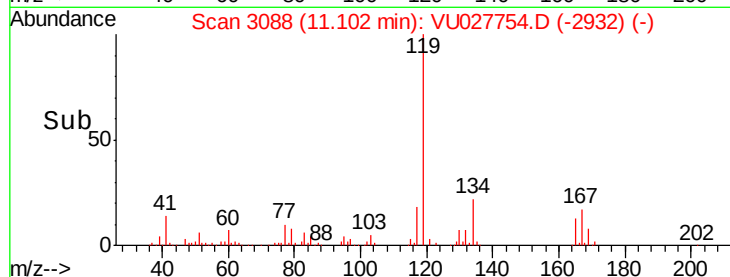
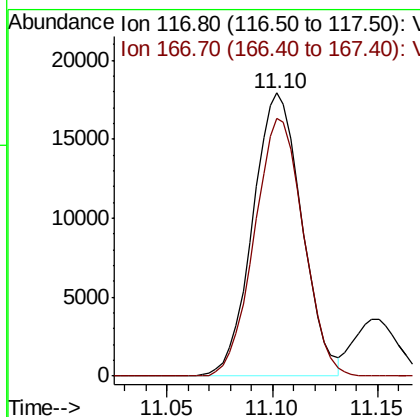
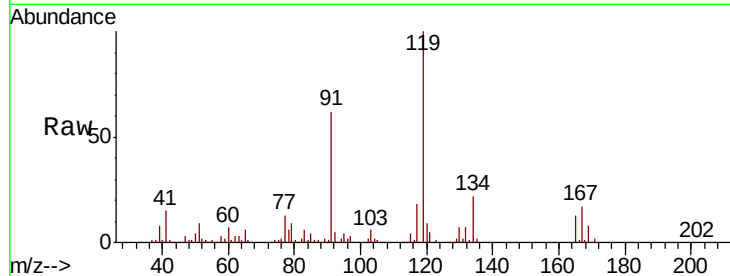
#61
 Pentachloroethane
 Concen: 10.426 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:117 Resp: 29006
 Ion Ratio Lower Upper
 117 100
 167 90.9 70.1 105.1

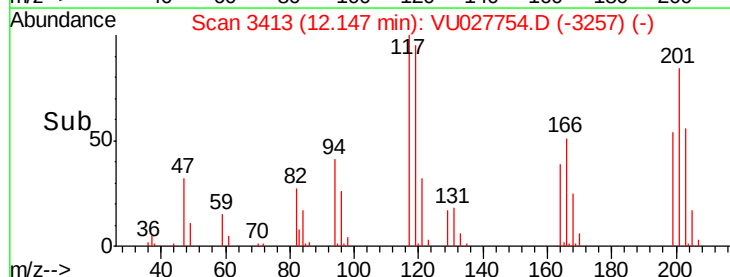
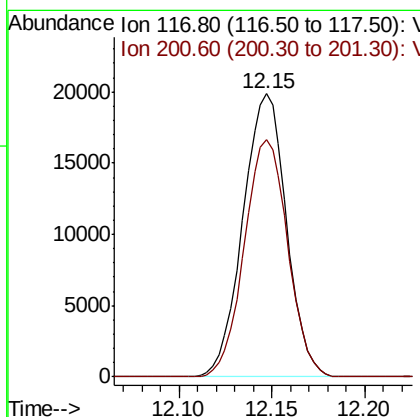
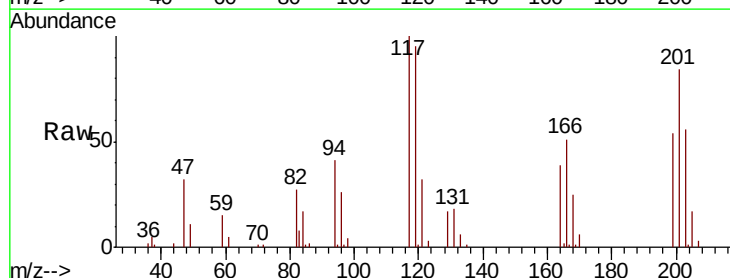
Manual Integrations
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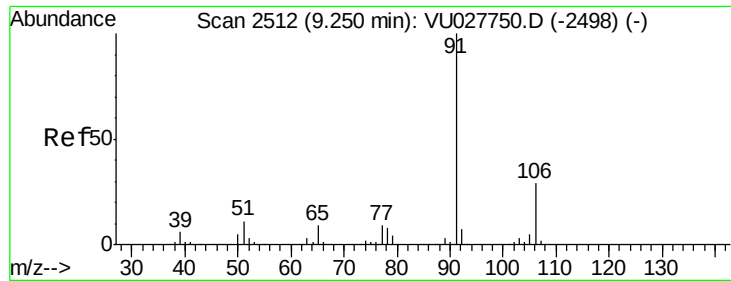
sam
 10/24/2018 2:19:08 PM



#62
 Hexachloroethane
 Concen: 10.621 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion:117 Resp: 32460
 Ion Ratio Lower Upper
 117 100
 201 83.7 66.0 99.0





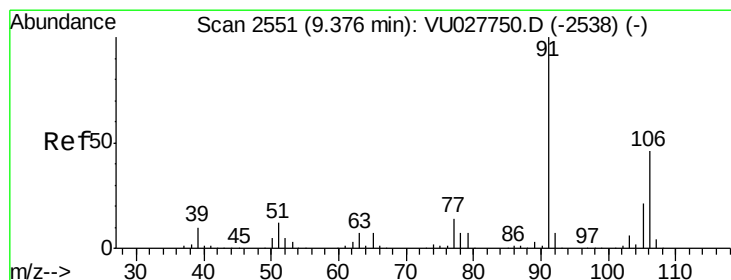
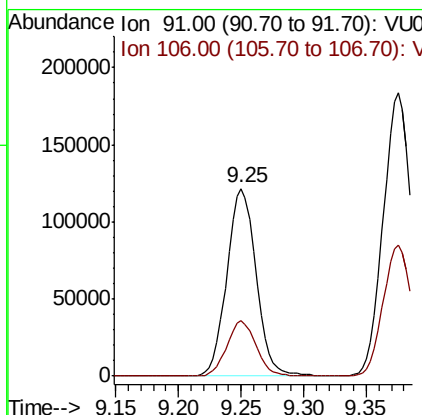
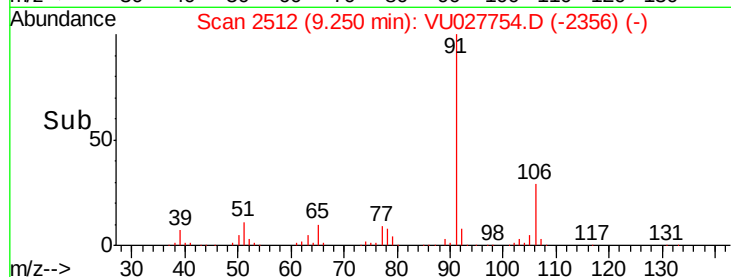
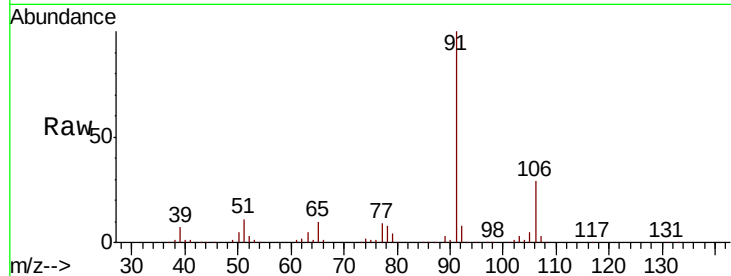
#63
Ethyl Benzene
Concen: 10.152 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 197310
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3

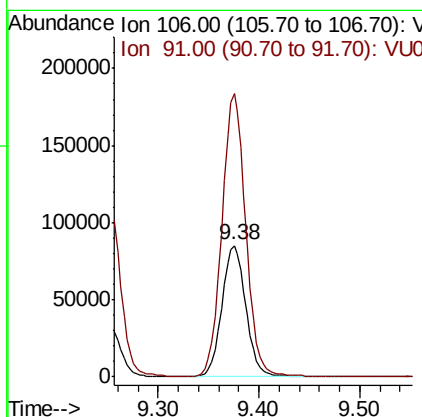
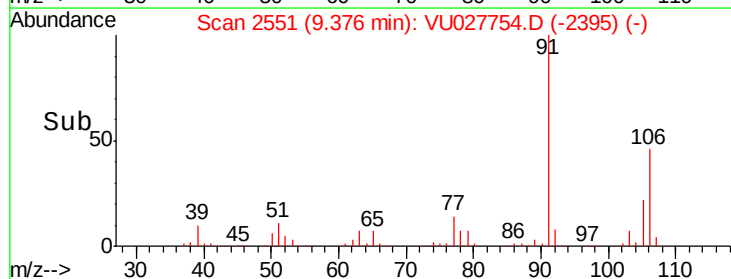
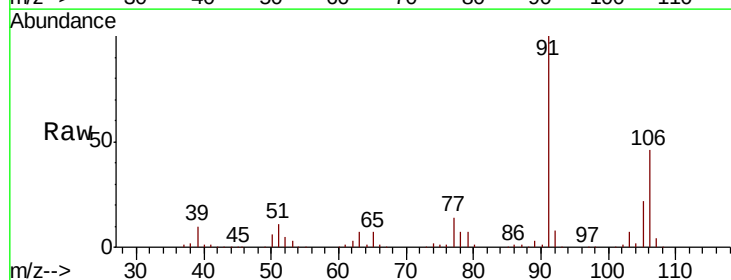
Manual Integrations
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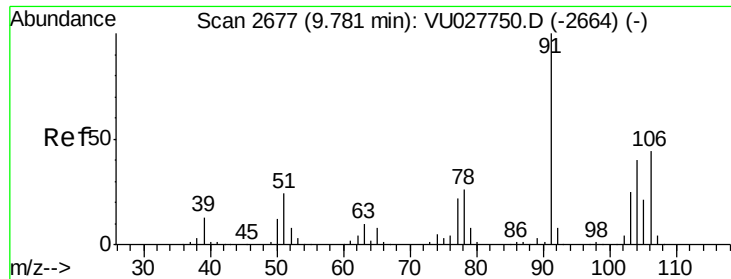
sam
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#64
m/p-Xylenes
Concen: 20.481 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 106 Resp: 142032
Ion Ratio Lower Upper
106 100
91 213.4 173.3 259.9





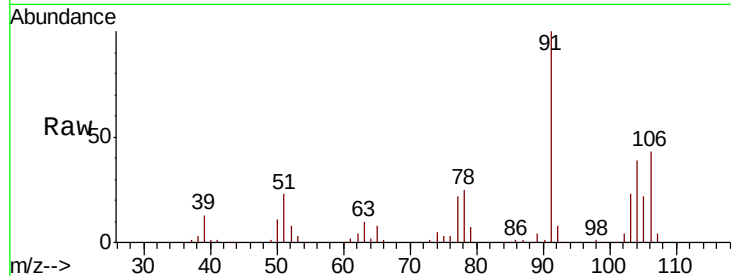
#65
o-Xylene
Concen: 9.804 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

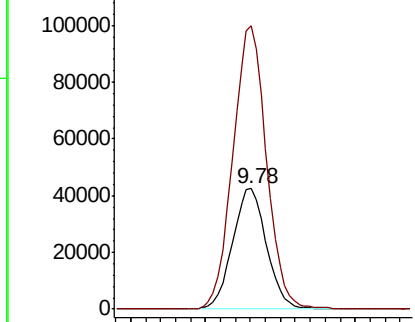
Tot Ion:106 Resp: 67410
Ion Ratio Lower Upper
106 100
91 231.5 113.4 340.2

Manual Integrations
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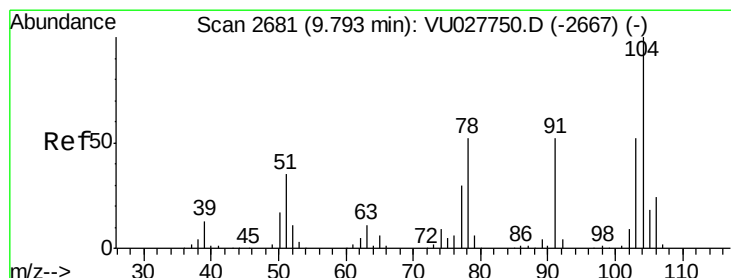
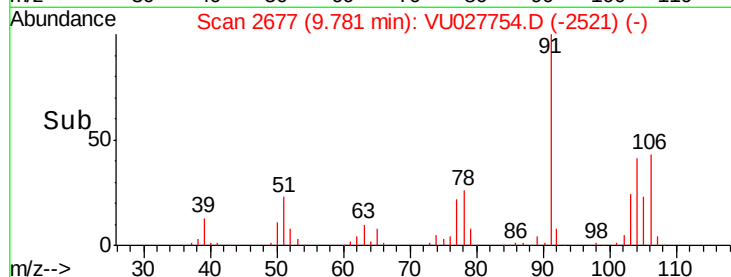
sam
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

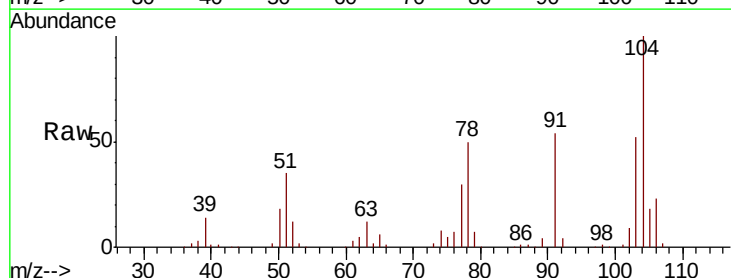


Time-->

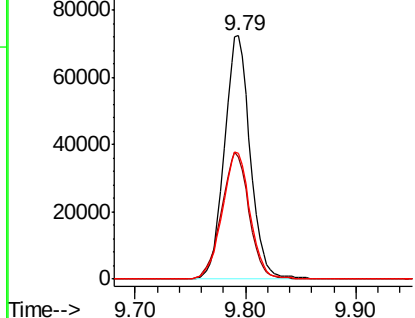


#66
Styrene
Concen: 10.343 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

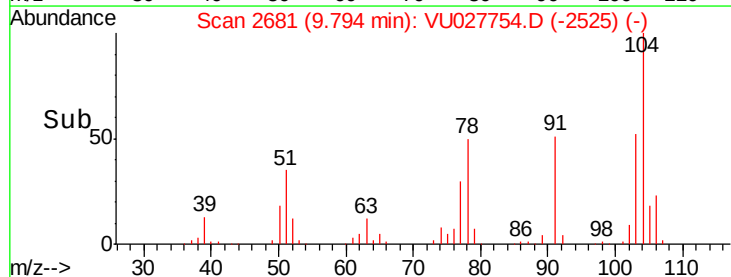
Tgt Ion:104 Resp: 117349
Ion Ratio Lower Upper
104 100
78 55.5 45.2 67.8
103 56.2 44.8 67.2

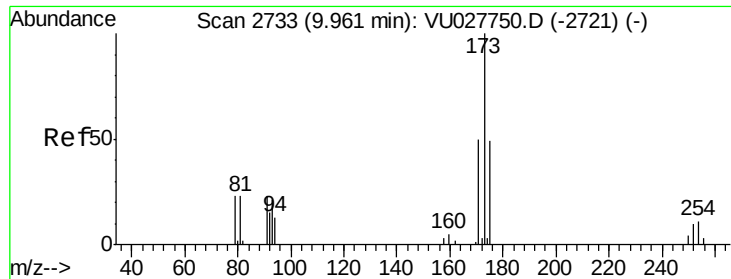


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





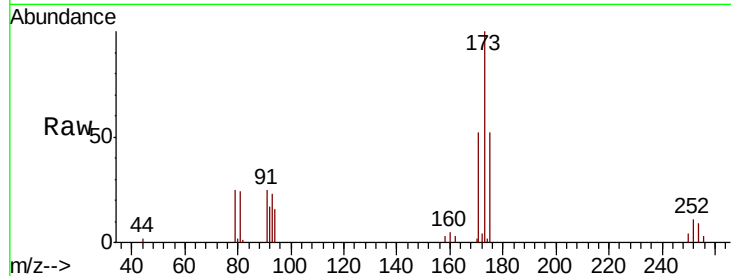
#67
Bromoform
Concen: 10.972 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.6	59.4
254	9.2	7.8	11.6

Manual Integrations
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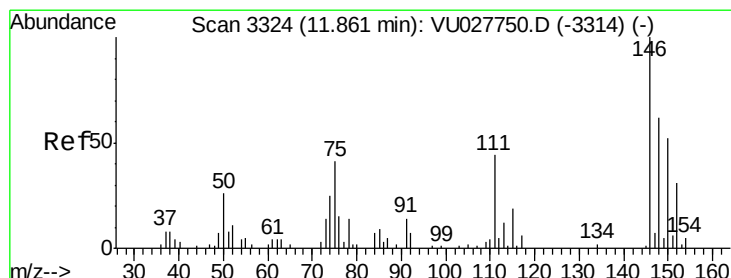
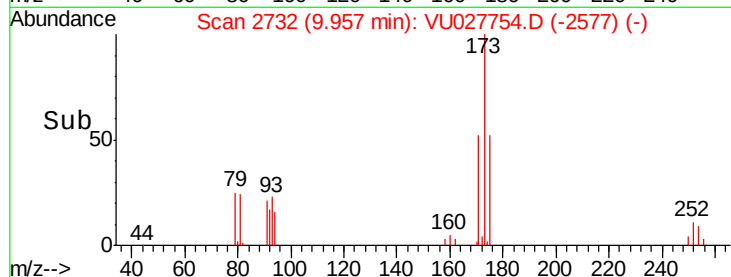
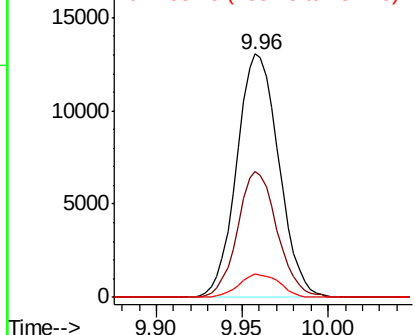


Abundance

Ion 172.90 (172.60 to 173.60): V

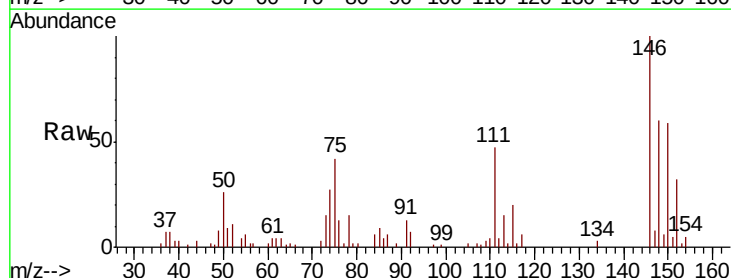
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 10.972 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	0.0	130.2
150	314.8	0.0	650.6

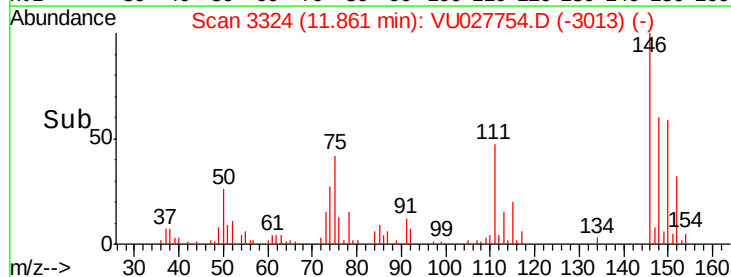
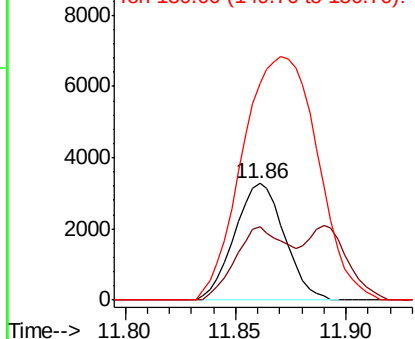


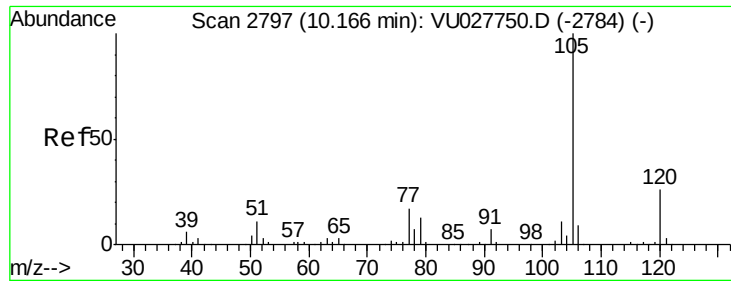
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 9.965 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 187578

Ion Ratio Lower Upper

105 100

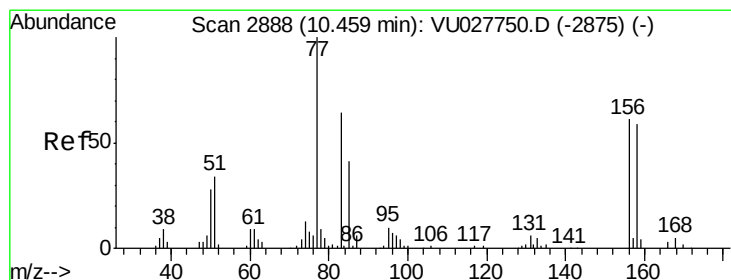
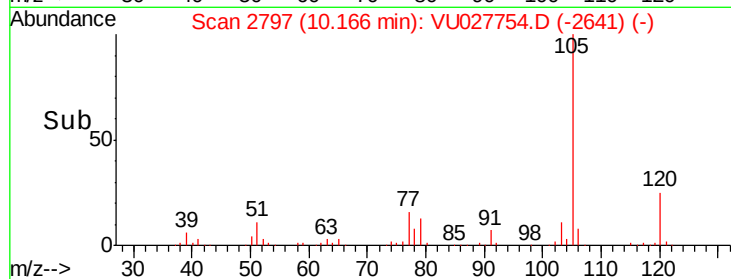
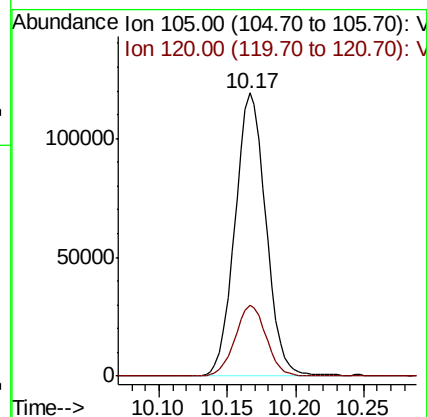
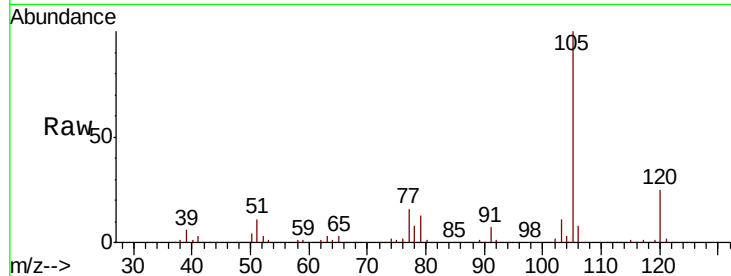
120 25.2 12.8 38.3

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.997 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

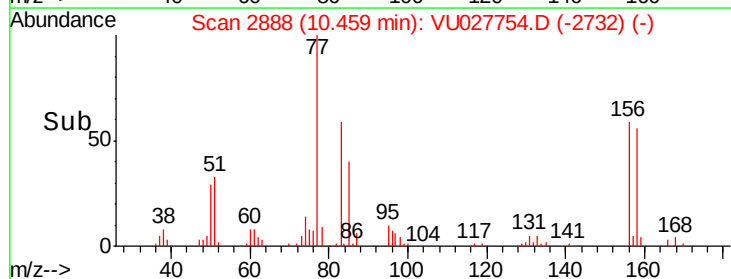
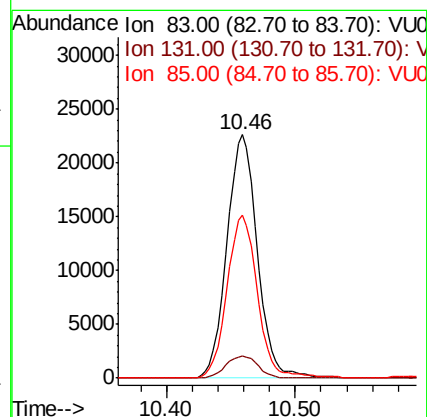
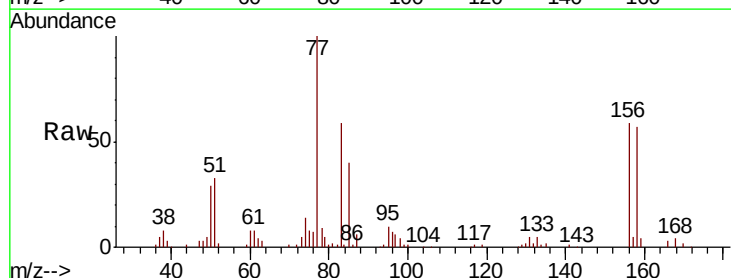
Tgt Ion: 83 Resp: 36973

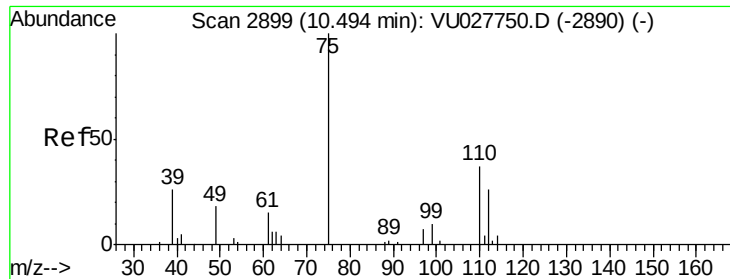
Ion Ratio Lower Upper

83 100

131 9.4 7.7 11.5

85 67.0 51.2 76.8





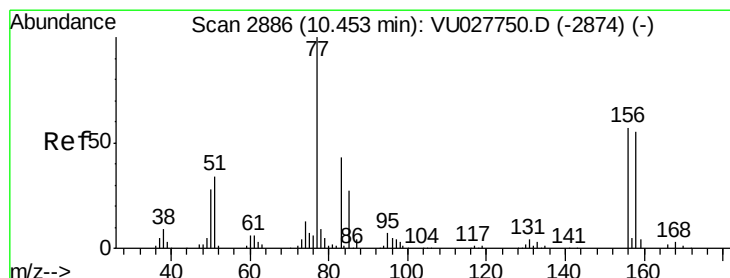
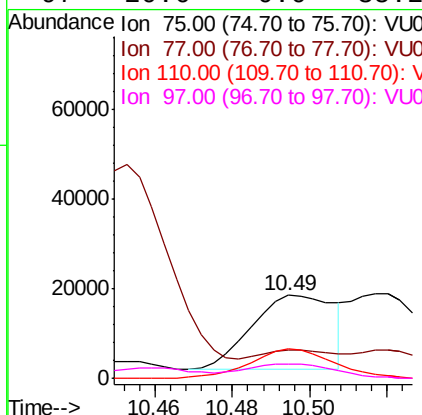
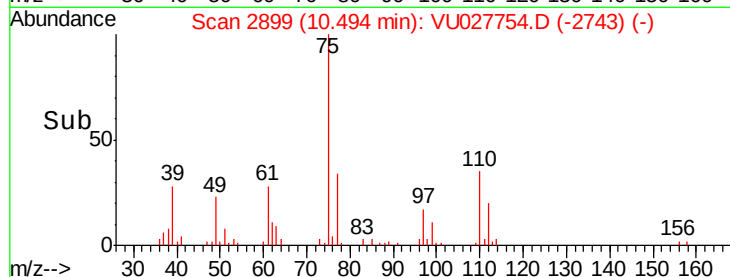
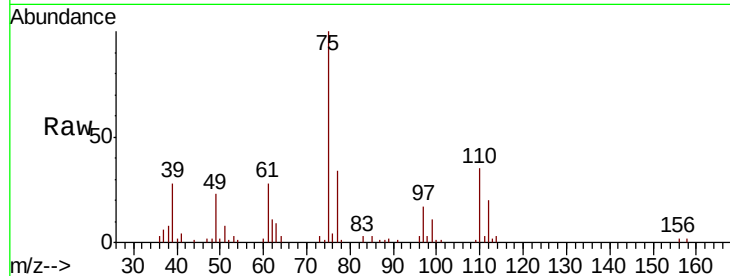
#71
1,2,3-Trichloropropane
Concen: 8.599 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	75	Resp	24713
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	39.2	0.0	68.2
97	20.6	0.0	35.2

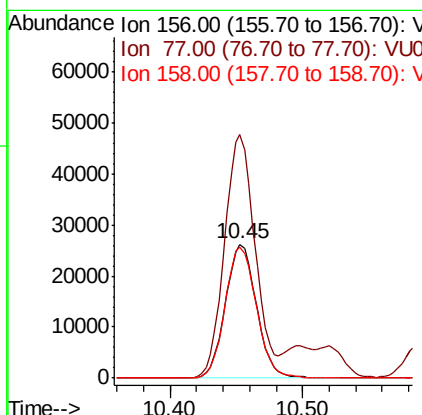
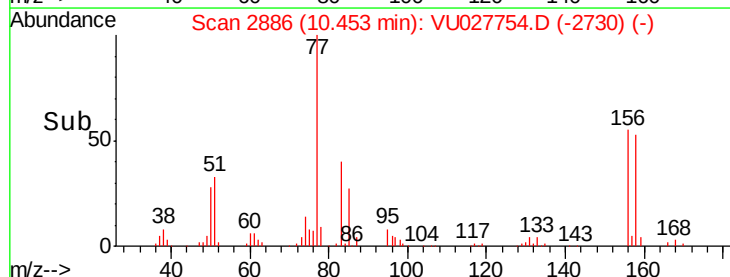
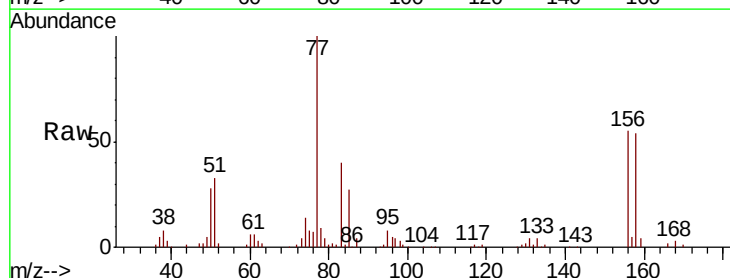
Manual Integrations
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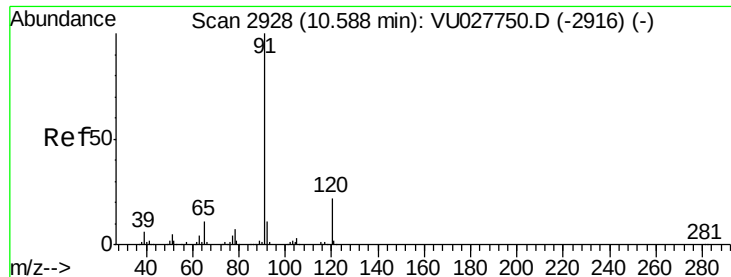
sam
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#72
Bromobenzene
Concen: 10.166 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	156	Resp	42638
Ion	Ratio	Lower	Upper
156	100		
77	180.0	0.0	349.4
158	98.9	0.0	191.4





#73

n-propylbenzene

Concen: 10.340 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 50198

Ion Ratio Lower Upper

120 100

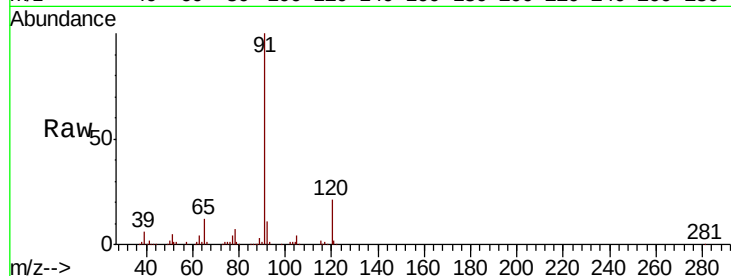
91 467.6 369.0 553.6

Manual Integrations

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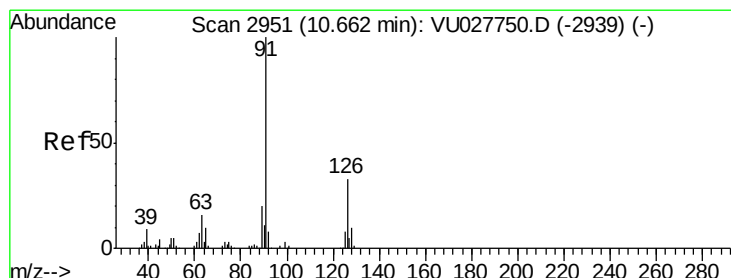
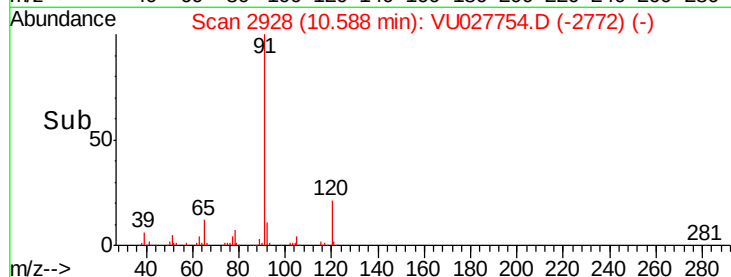
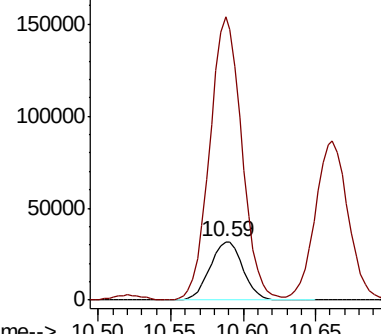
sam

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.147 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027754.D

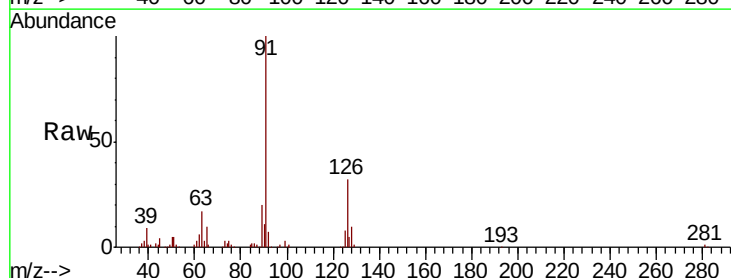
Acq: 23 Oct 2018 08:16

Tgt Ion:126 Resp: 42186

Ion Ratio Lower Upper

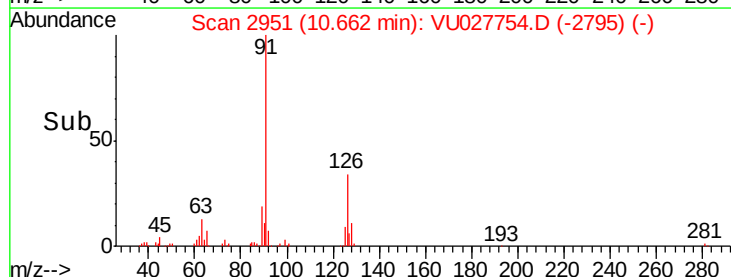
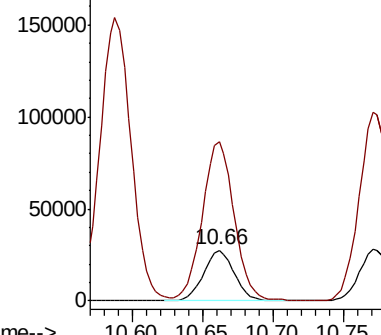
126 100

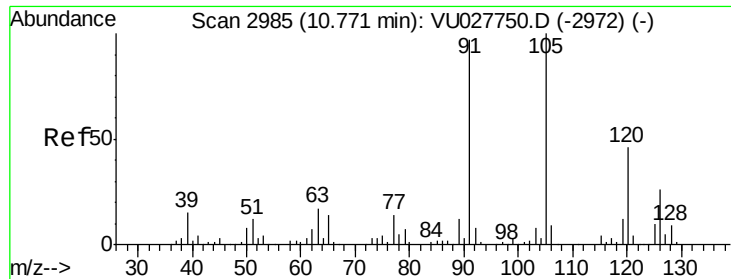
91 319.6 0.0 628.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.173 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 159787

Ion Ratio Lower Upper

105 100

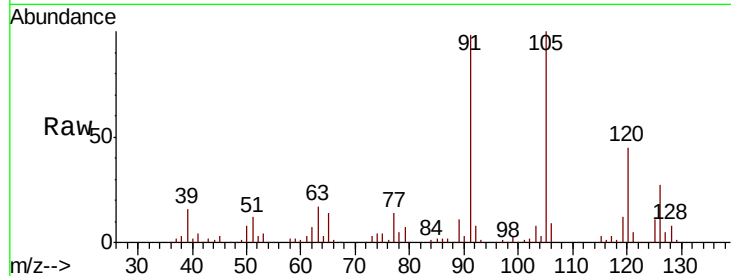
120 45.7 37.2 55.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

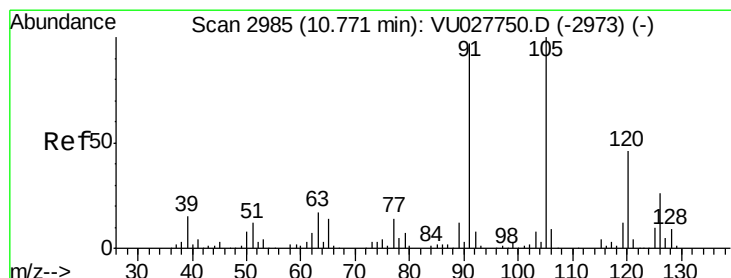
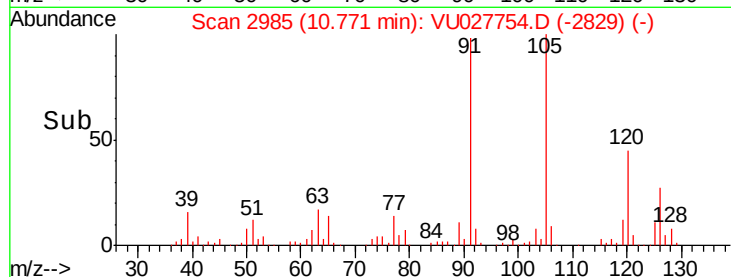
20000

0

10.77

10.70 10.80

Time-->



#76

4-Chlorotoluene

Concen: 10.413 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027754.D

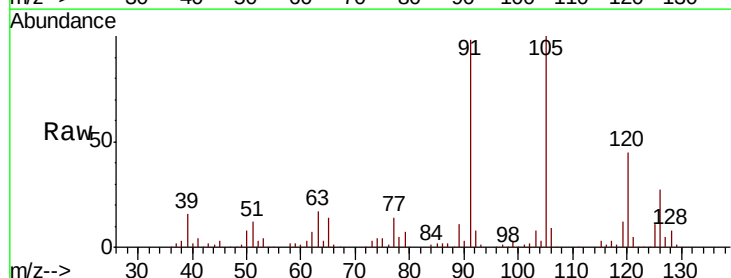
Acq: 23 Oct 2018 08:16

Tgt Ion:126 Resp: 43868

Ion Ratio Lower Upper

126 100

91 364.1 0.0 734.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

120000

100000

80000

60000

40000

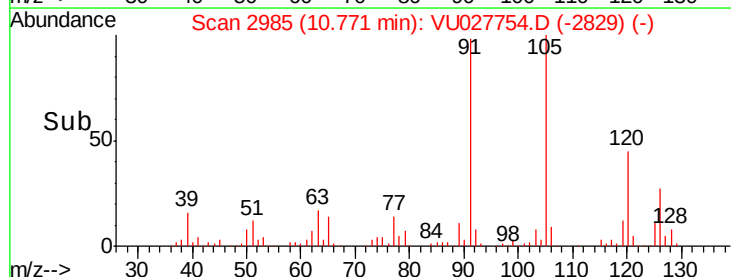
20000

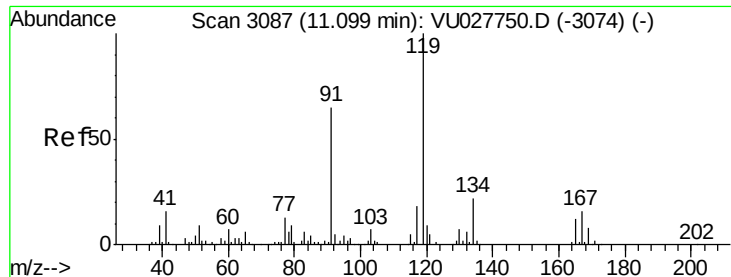
0

10.77

10.70 10.85

Time-->





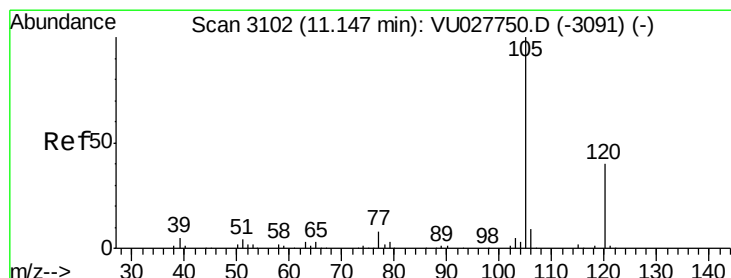
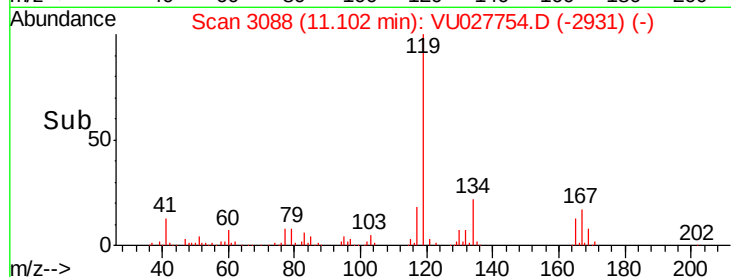
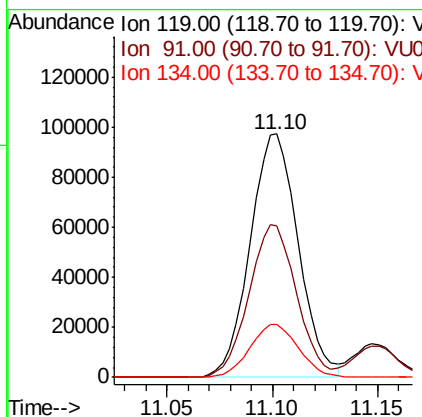
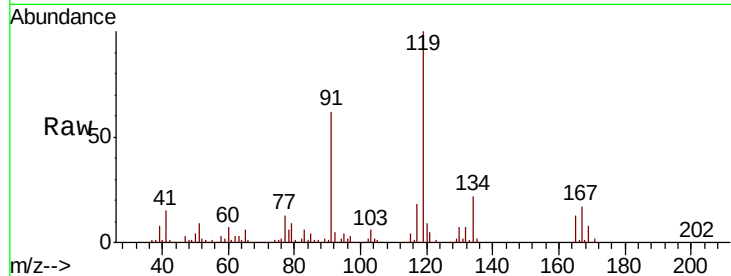
#77
tert-Butylbenzene
Concen: 10.018 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	154780		
91	61.9	31.8	95.4	
134	22.0	17.7	26.5	

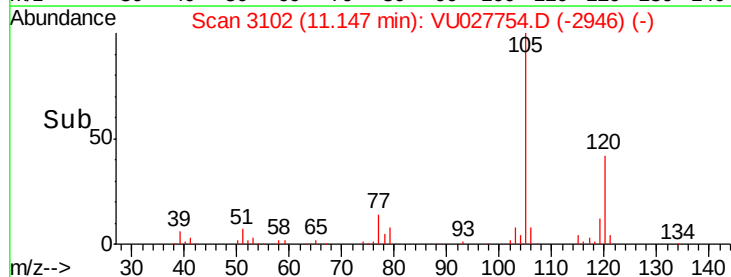
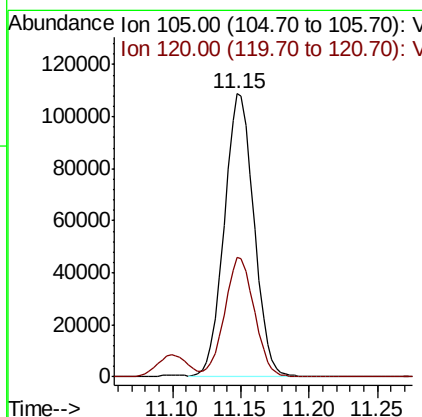
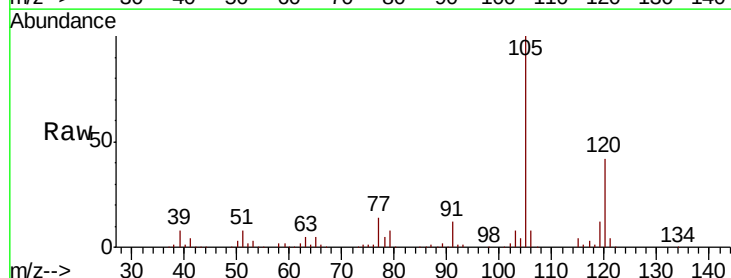
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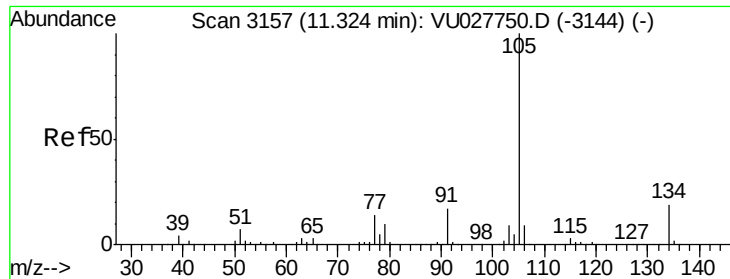
sam
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#78
1,2,4-Trimethylbenzene
Concen: 10.209 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164742		
120	42.1	21.6	64.6	





#79

sec-Butylbenzene

Concen: 10.310 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 105 Resp: 210933

Ion Ratio Lower Upper

105 100

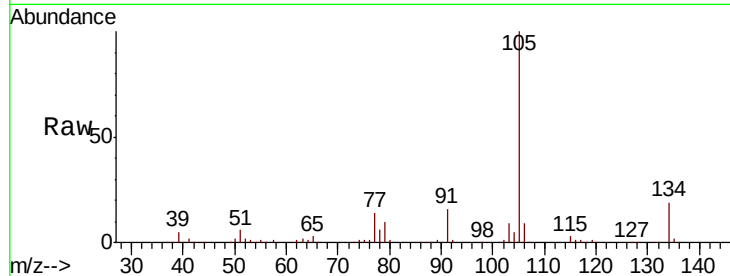
134 18.8 15.2 22.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

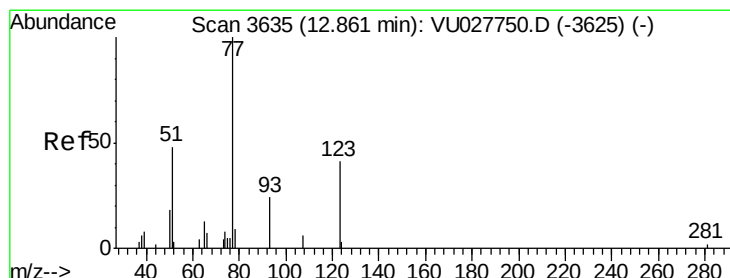
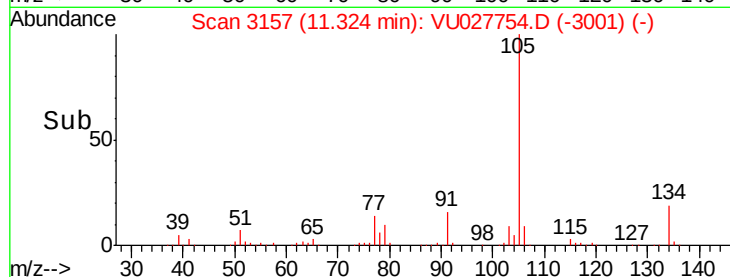
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 71.656 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

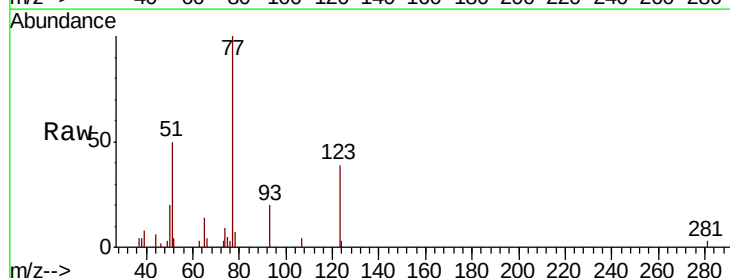
Tgt Ion: 77 Resp: 9795

Ion Ratio Lower Upper

77 100

123 37.2 16.9 59.9

65 14.5 13.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12.86

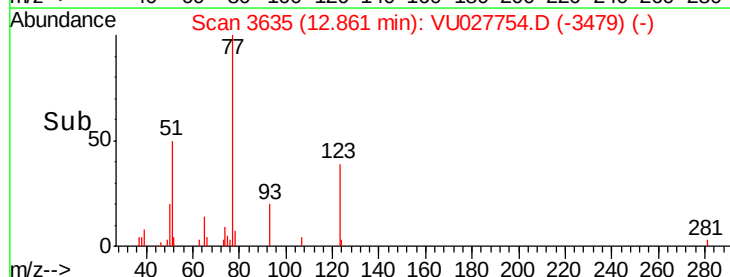
6000

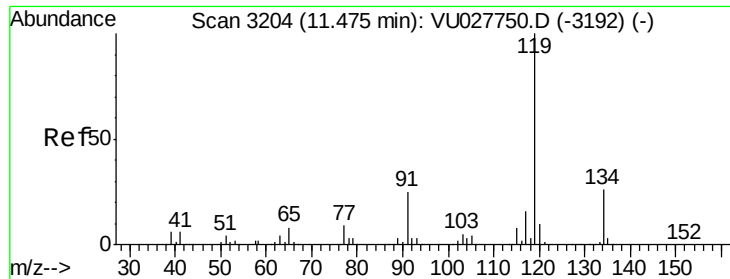
4000

2000

0

Time-->





#81

p-Isopropyltoluene

Concen: 10.415 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

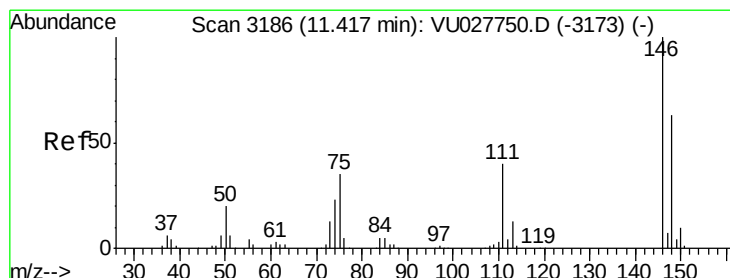
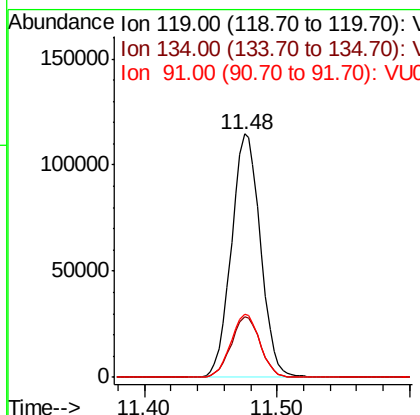
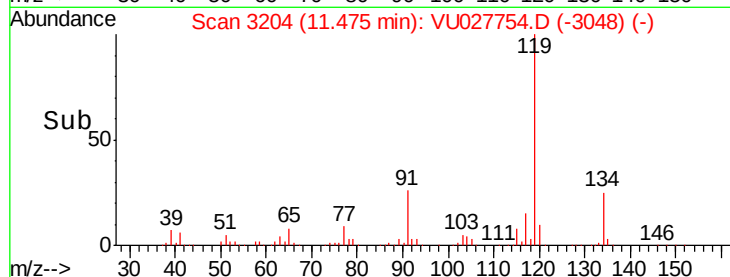
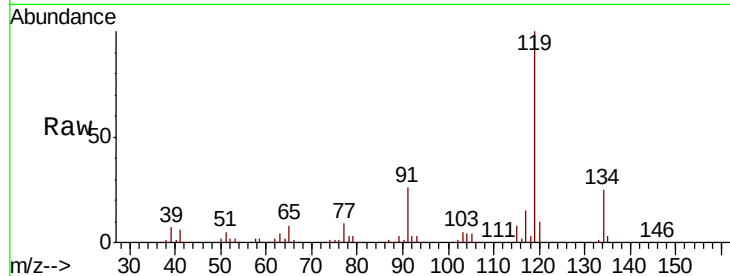
ClientSampleId :

VSTDCCC010

Tot Ion:	119	Resp:	174154
Ion Ratio	Lower	Upper	
119	100		
134	24.9	20.3	30.5
91	26.0	20.2	30.4

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#82

1,3-Dichlorobenzene

Concen: 10.394 ug/l

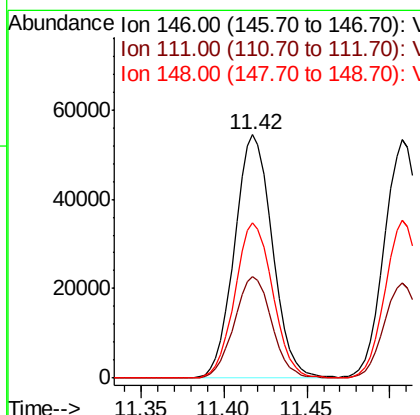
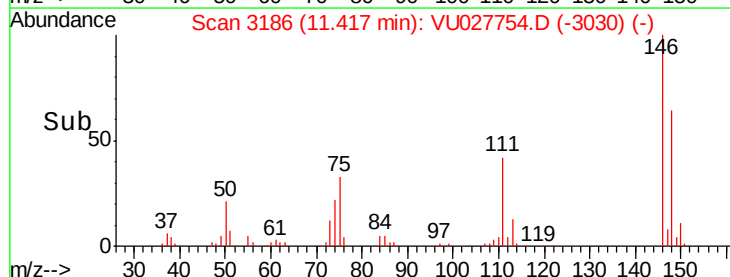
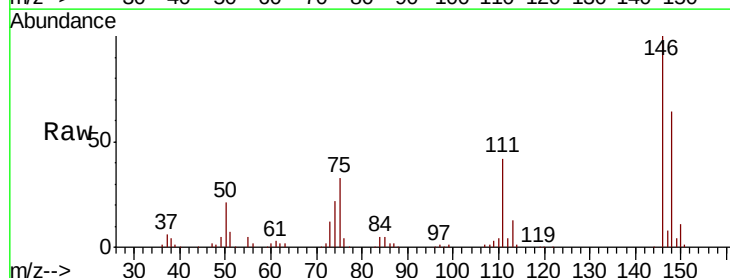
RT: 11.42 min Scan# 3186

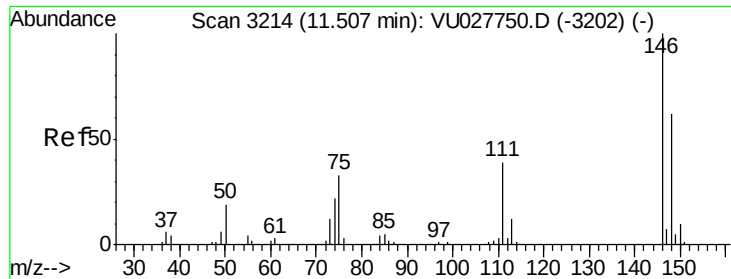
Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Tgt Ion:	146	Resp:	86263
Ion Ratio	Lower	Upper	
146	100		
111	41.2	32.7	49.1
148	64.1	50.6	75.8





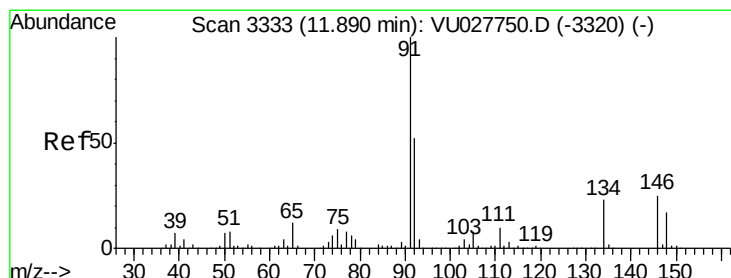
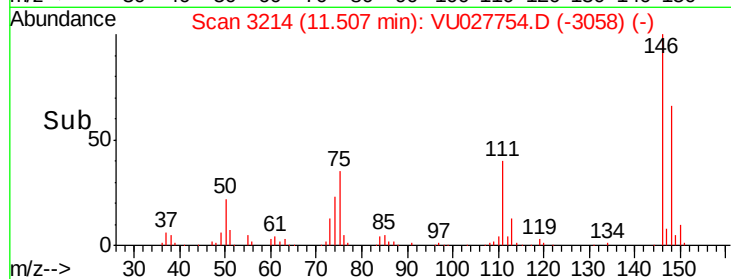
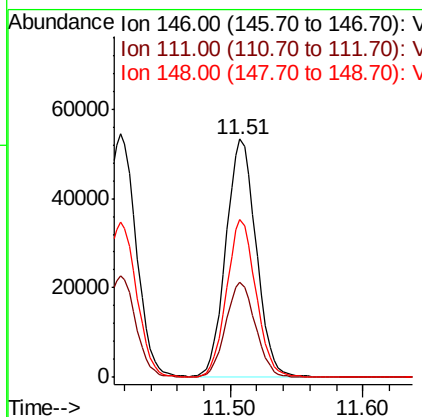
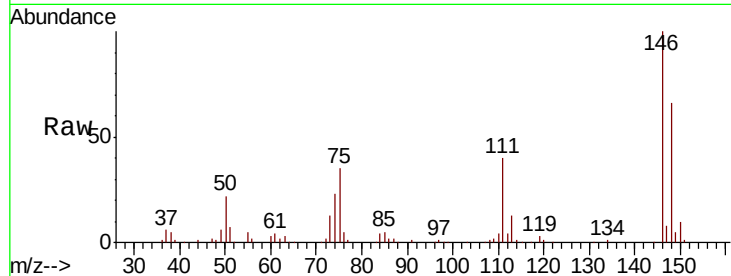
#83
 1,4-Dichlorobenzene
 Concen: 10.185 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	32.0	48.0
148	64.2	50.9	76.3

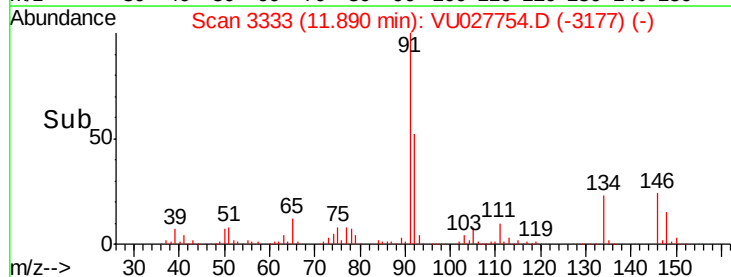
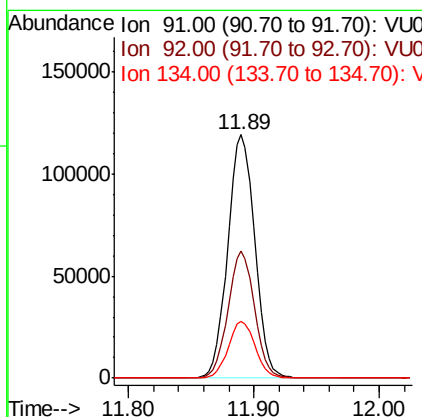
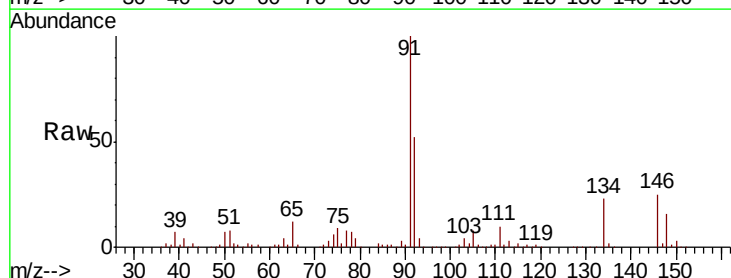
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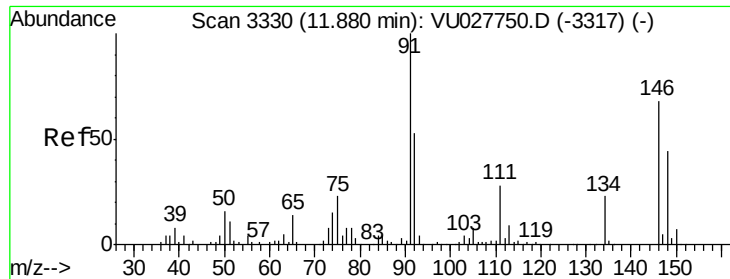
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#84
 n-Butylbenzene
 Concen: 10.983 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	42.1	63.1
134	23.0	18.6	28.0





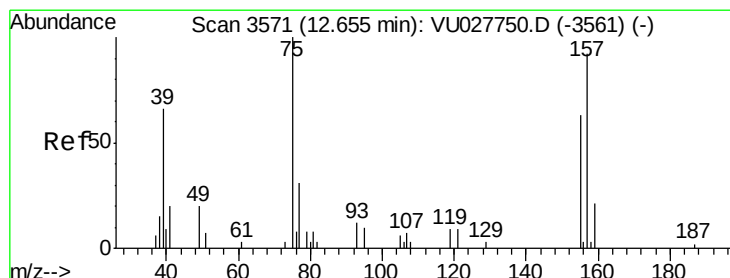
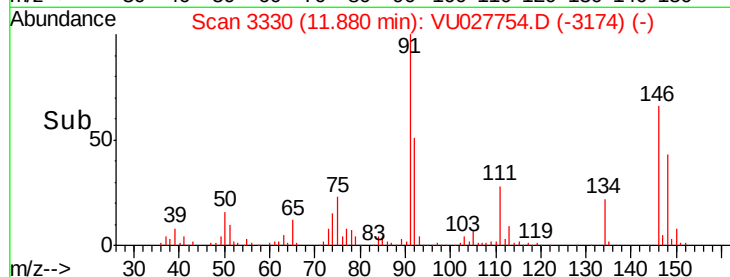
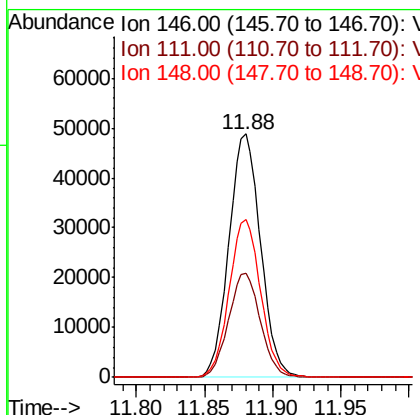
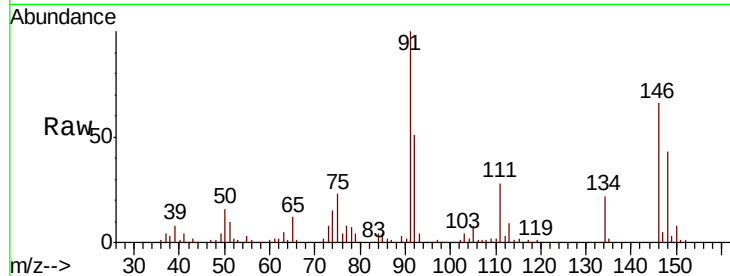
#85
 1,2-Dichlorobenzene
 Concen: 9.933 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	64.3	32.2	96.6

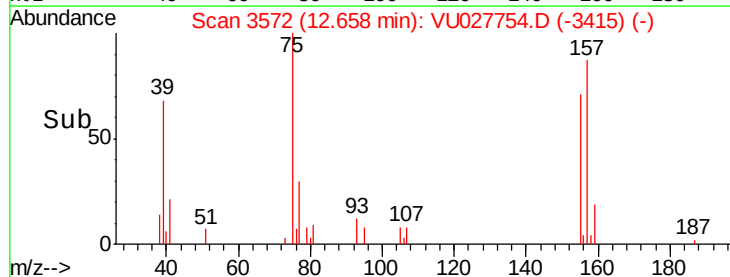
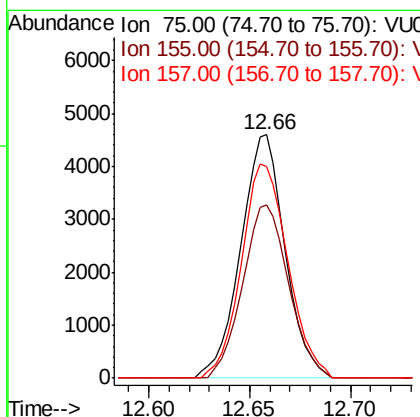
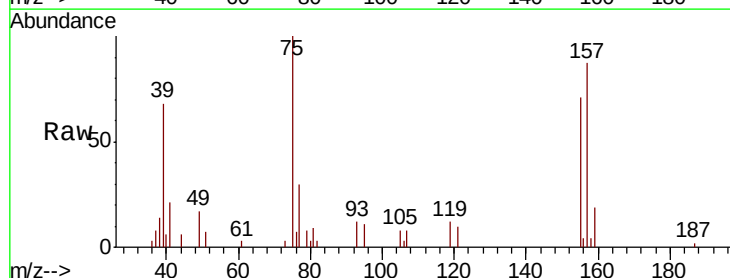
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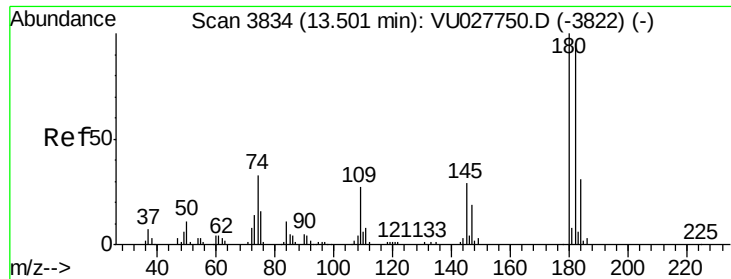
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.308 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	55.5	83.3
157	91.9	71.0	106.4





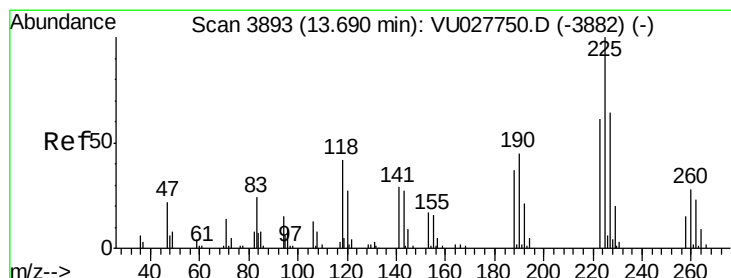
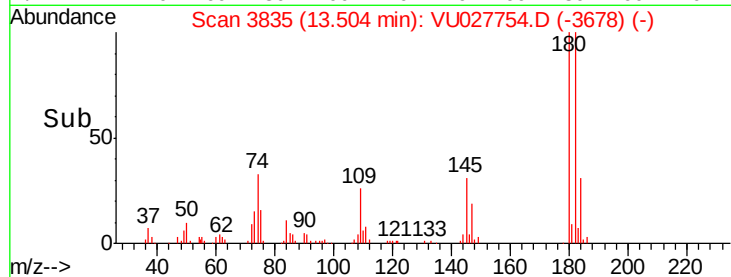
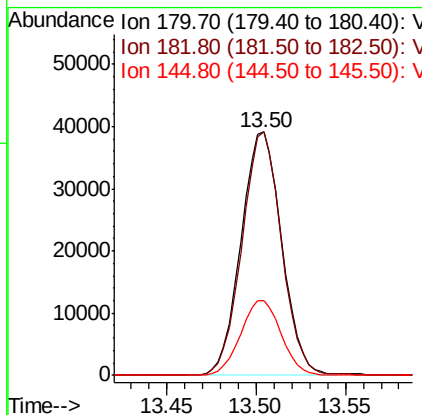
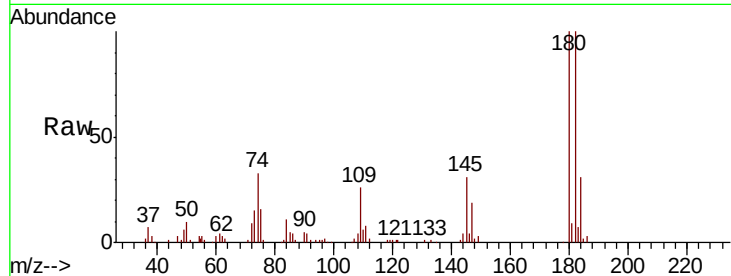
#87
 1,2,4-Trichlorobenzene
 Concen: 10.796 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.9	113.9
145	30.6	23.6	35.4

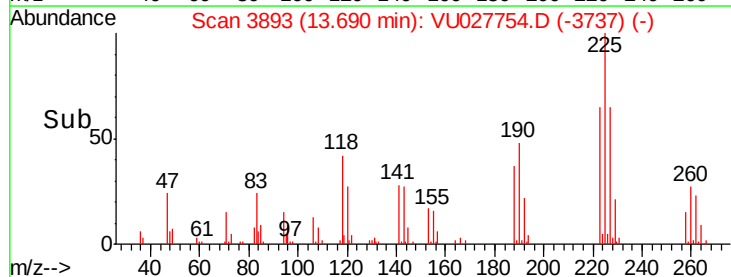
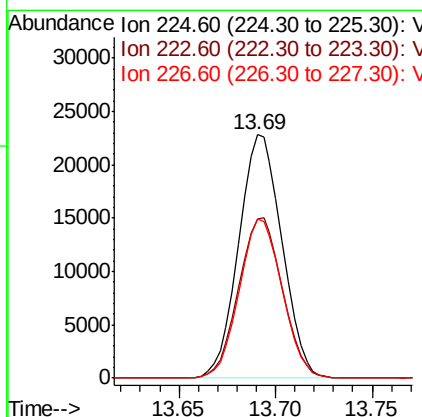
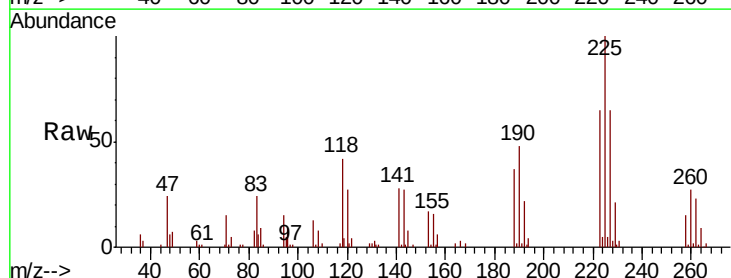
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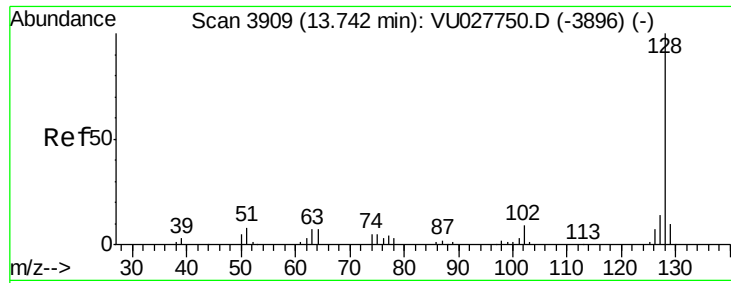
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#88
 Hexachlorobutadiene
 Concen: 10.282 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.6	74.4
227	64.6	51.1	76.7





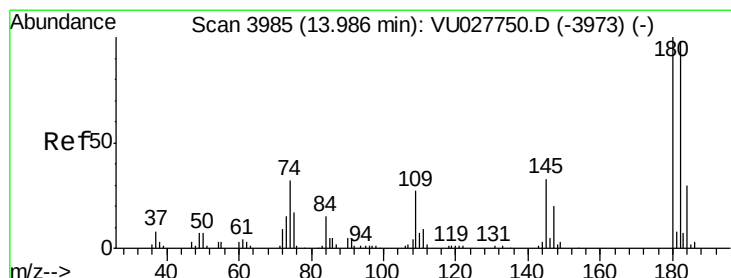
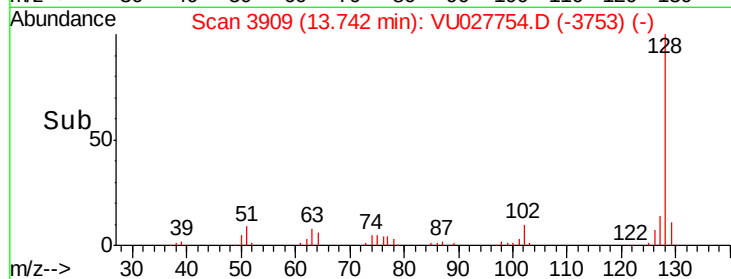
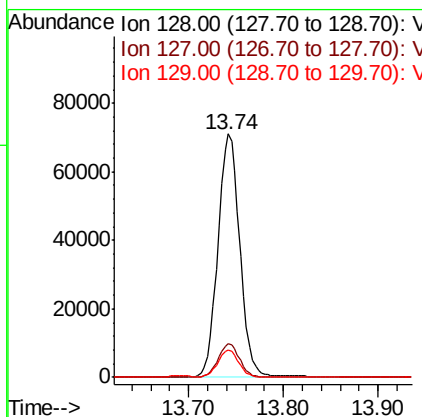
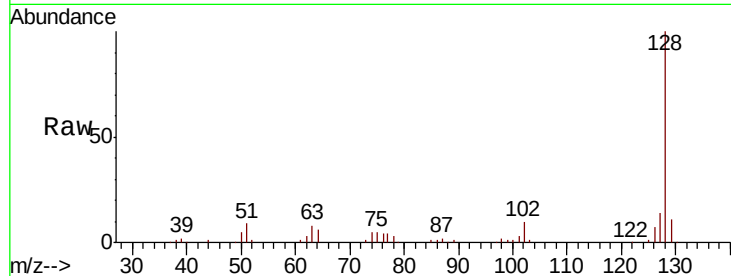
#89
Naphthalene
Concen: 10.589 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.8	8.5	12.7

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 10.350 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.0	115.6
145	31.8	25.4	38.2

