

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027353.D
 Acq On : 02 Oct 2018 20:41
 Operator : MD/SY
 Sample : VU1003WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Manual Integrations
 APPROVED

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 10/5/2018 11:56:42 AM

Quant Time: Oct 03 09:39:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	21542	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	7084	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7052	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	

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Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	14412	1.995	ug/l 99
3) Chloromethane	1.33	50	17350	2.068	ug/l 100
4) Vinyl Chloride	1.40	62	16887	1.978	ug/l 100
5) Bromomethane	1.63	94	10274	2.878	ug/l 94
6) Chloroethane	1.70	64	17215	2.845	ug/l 99
7) Trichlorofluoromethane	1.89	101	20895	2.112	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11469	1.971	ug/l 97
9) 1,1-Dichloroethene	2.29	96	9512	1.963	ug/l 97
10) Iodomethane	2.41	142	8775	1.607	ug/l 100
11) Allyl Chloride	2.59	41	24618	1.923	ug/l 98
12) Acrylonitrile	2.94	53	7385	4.414	ug/l 98
13) Acetone	2.32	43	15987	10.785	ug/l 97
14) Carbon Disulfide	2.48	76	28756	1.910	ug/l 100
15) Methylene Chloride	2.70	84	19570	3.149	ug/l 98
16) trans-1,2-Dichloroethene	2.98	96	10669	1.893	ug/l 99
17) 1,1-Dichloroethane	3.45	63	27223	2.001	ug/l 99
18) 2-Butanone	4.29	43	26982	10.533	ug/l 98
19) Cyclohexane	4.98	56	20346	1.980	ug/l 99
20) Methylcyclohexane	6.41	83	15997	1.733	ug/l 95
21) 2,2-Dichloropropane	4.23	77	22034	1.891	ug/l 99
22) cis-1,2-Dichloroethene	4.22	96	13714	2.019	ug/l 98
23) Diethyl Ether	2.11	59	11086	2.144	ug/l 95
24) tert-Butyl Alcohol	2.85	59	13078	22.366	ug/l 99
25) Methyl tert-Butyl Ether	3.01	73	31149	1.926	ug/l 96
26) Bromochloromethane	4.55	128	5304	2.125	ug/l 98
27) Chloroform	4.67	83	24832	1.999	ug/l 96
28) 1,1,1-Trichloroethane	4.91	97	20026	1.988	ug/l 100
29) 1,1-Dichloropropene	5.13	75	18396	2.028	ug/l 96
30) Carbon Tetrachloride	5.13	117	16635	1.997	ug/l 96
31) Isopropyl Ether	3.58	45	50803	1.963	ug/l 97
32) Ethyl-t-butyl ether	4.08	59	40581	2.008	ug/l 97
33) Tert-Amyl methyl ether	5.59	73	33266	2.056	ug/l 99
34) Propionitrile	4.34	54	7485	11.328	ug/l # 98
35) Benzene	5.39	78	52476	1.978	ug/l 99
36) 1,2-Dichloroethane	5.40	62	18115	2.083	ug/l 97
37) Trichloroethene	6.18	130	11786	2.001	ug/l 94
38) 1,2-Dichloropropane	6.44	63	15353	1.914	ug/l 96
39) Methacrylonitrile	4.56	41	7367	2.130	ug/l 98
40) Methyl acrylate	4.43	55	9093	2.065	ug/l # 96
41) Tetrahydrofuran	4.66	42	7792	4.492	ug/l 96
42) 1-Chlorobutane	5.06	56	29527	2.023	ug/l 99

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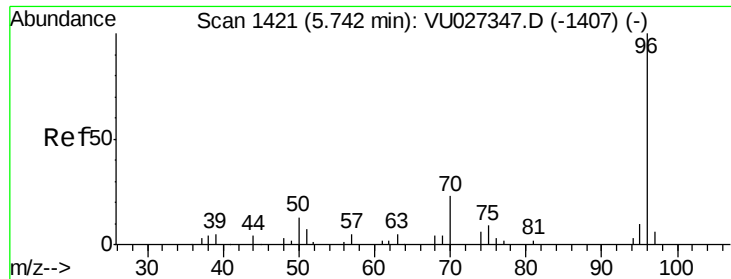
Manual Integrations
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 10/5/2018 11:56:42 AM

Quant Time: Oct 03 09:39:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	7288	2.184	ug/l	99
44) Bromodichloromethane	6.76	83	18321	2.023	ug/l	99
45) 4-Methyl-2-Pentanone	7.48	43	50496	9.827	ug/l	97
46) t-1,4-Dichloro-2-butene	10.51	75	5090m	3.417	ug/l	
47) Methyl methacrylate	6.64	69	12446	3.704	ug/l	94
48) Ethyl methacrylate	8.03	69	10501	1.794	ug/l	99
49) Toluene	7.64	92	26834	1.850	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	16091	2.001	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	18297	1.899	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	9905	2.109	ug/l	93
53) 1,3-Dichloropropane	8.25	76	18038	2.024	ug/l	100
54) 2-Hexanone	8.38	43	34088	9.601	ug/l	94
55) Dibromochloromethane	8.48	129	10534	2.031	ug/l	98
56) 1,2-Dibromoethane	8.59	107	8647	2.083	ug/l	96
58) Tetrachloroethene	8.22	164	10233	1.960	ug/l	97
59) Chlorobenzene	9.12	112	27741	1.834	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	11825	2.033	ug/l	98
61) Pentachloroethane	11.10	117	9547	1.986	ug/l	100
62) Hexachloroethane	12.15	117	9412	2.053	ug/l	99
63) Ethyl Benzene	9.25	91	42674	1.643	ug/l	100
64) m/p-Xylenes	9.38	106	33308	3.421	ug/l	100
65) o-Xylene	9.78	106	16113	1.743	ug/l	100
66) Styrene	9.79	104	28115	1.733	ug/l	99
67) Bromoform	9.96	173	5776	2.082	ug/l	99
69) Isopropylbenzene	10.17	105	42259	1.734	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	13690	2.158	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	11945m	2.440	ug/l	
72) Bromobenzene	10.46	156	11739	1.996	ug/l	98
73) n-propylbenzene	10.59	120	11705	1.784	ug/l	90
74) 2-Chlorotoluene	10.66	126	11051	1.842	ug/l	90
75) 1,3,5-Trimethylbenzene	10.77	105	40399	1.863	ug/l	98
76) 4-Chlorotoluene	10.77	126	12217	1.985	ug/l	97
77) tert-Butylbenzene	11.10	119	36822	1.799	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	40614	1.863	ug/l	99
79) sec-Butylbenzene	11.32	105	51855	1.846	ug/l	100
80) Nitrobenzene	12.86	77	2805	10.755	ug/l #	96
81) p-Isopropyltoluene	11.48	119	41823	1.910	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	26764	2.161	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	24352	1.965	ug/l	96
84) n-Butylbenzene	11.89	91	42405	1.926	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	23155	2.021	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2182	2.271	ug/l	94
87) 1,2,4-Trichlorobenzene	13.50	180	13221	1.820	ug/l	98
88) Hexachlorobutadiene	13.69	225	9674	2.014	ug/l	98
89) Naphthalene	13.75	128	23158	1.808	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	15572	2.168	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

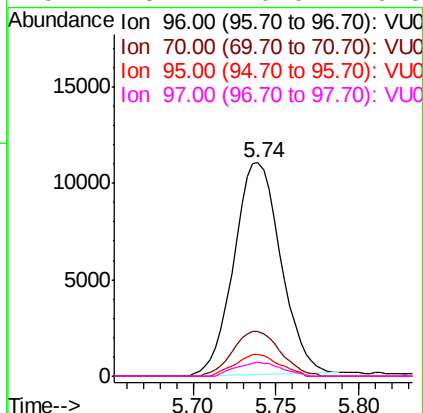
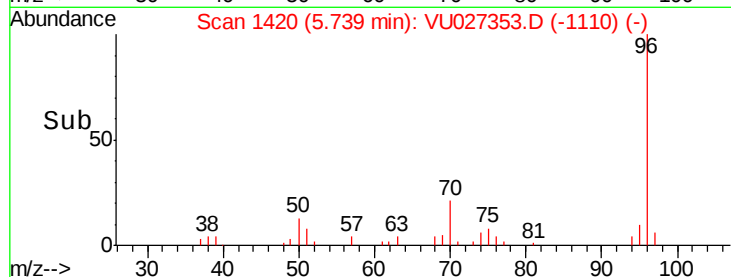
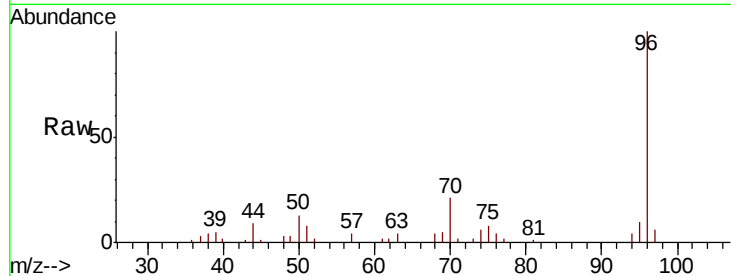
VU1003WBS01

Tot Ion: 96 Resp: 21542

Ion	Ratio	Lower	Upper
96	100		
70	21.5	19.2	28.8
95	9.8	7.7	11.5
97	6.4	0.0	0.0#

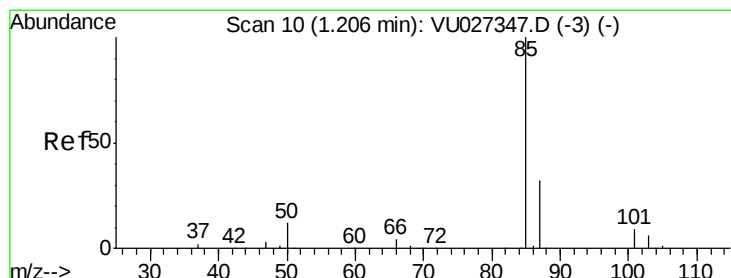
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#2

Dichlorodifluoromethane

Concen: 1.995 ug/l

RT: 1.21 min Scan# 10

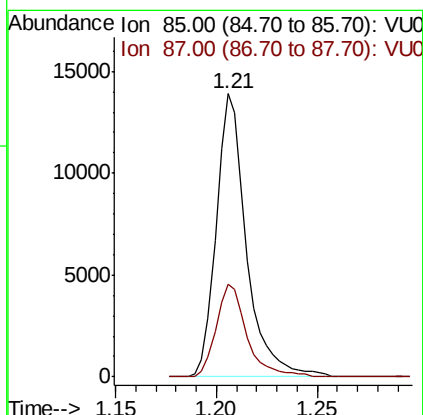
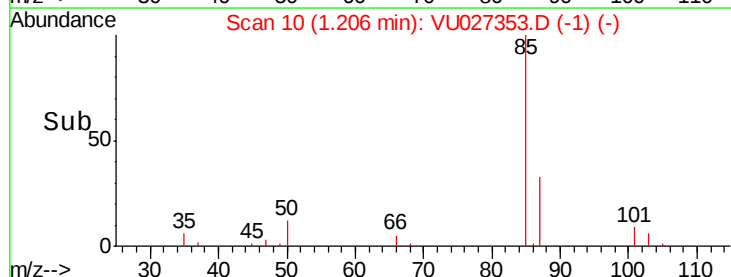
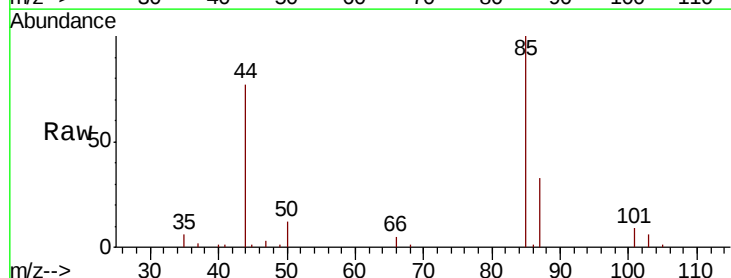
Delta R.T. -0.00 min

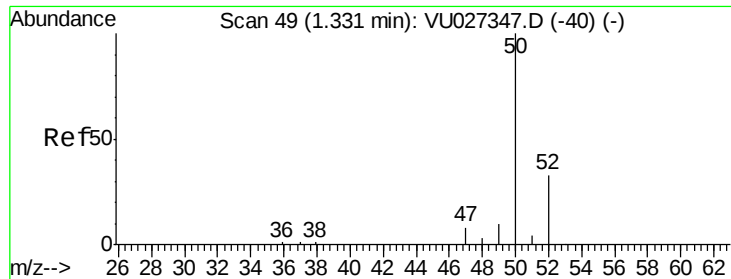
Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Tgt Ion: 85 Resp: 14412

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.1	48.3





#3

Chloromethane

Concen: 2.068 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS01

Tot Ion: 50 Resp: 17350

Ion Ratio Lower Upper

50 100

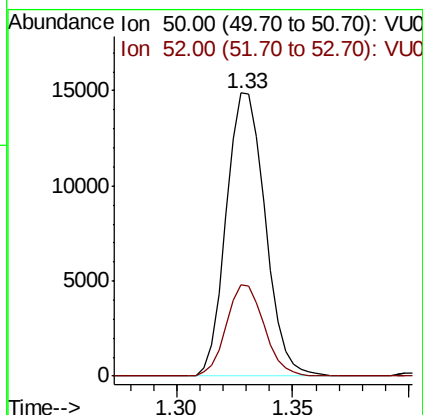
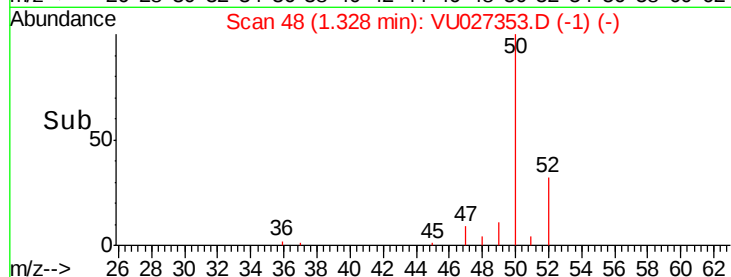
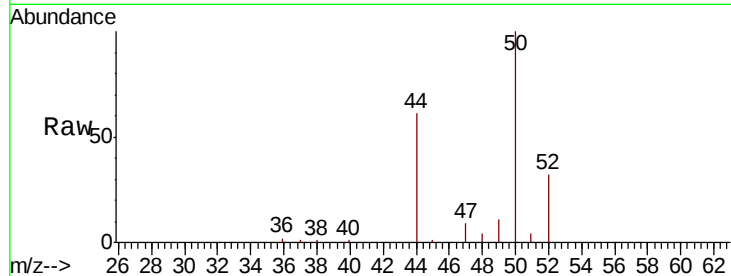
52 32.3 26.0 39.0

Manual Integrations

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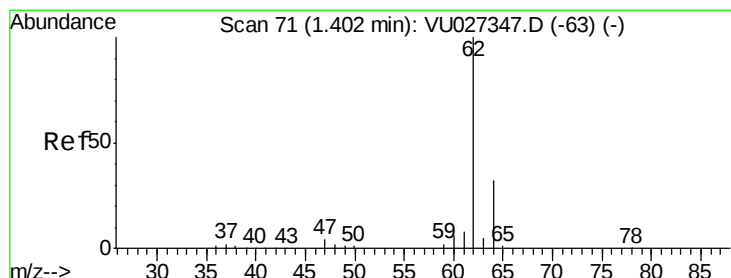
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#4

Vinyl Chloride

Concen: 1.978 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027353.D

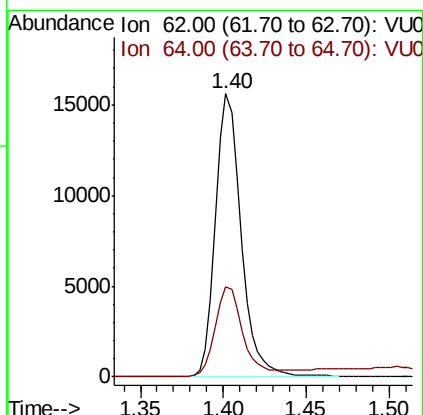
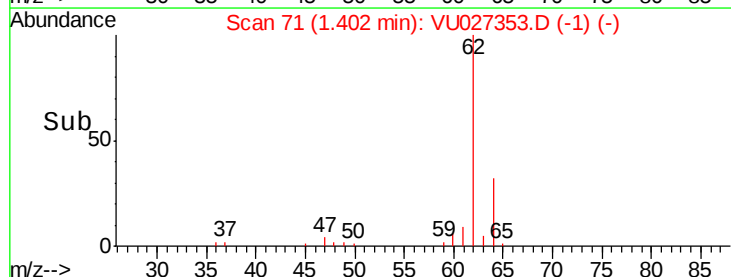
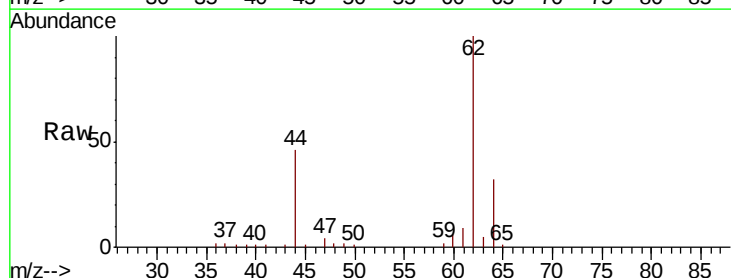
Acq: 02 Oct 2018 20:41

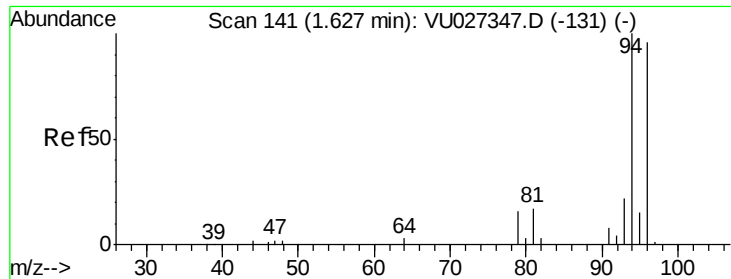
Tgt Ion: 62 Resp: 16887

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 2.878 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampled :

VU1003WBS01

Tot Ion: 94 Resp: 10274

Ion Ratio Lower Upper

94 100

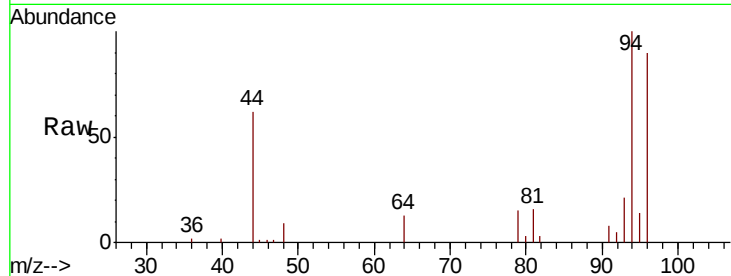
96 90.2 77.0 115.6

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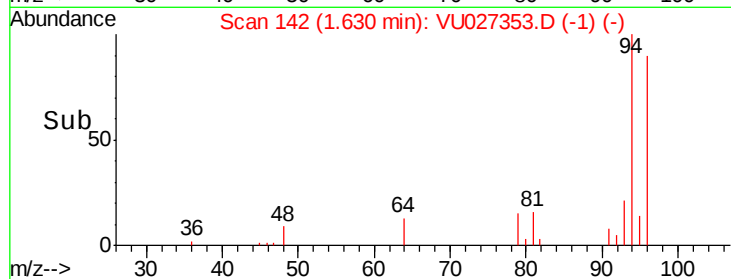
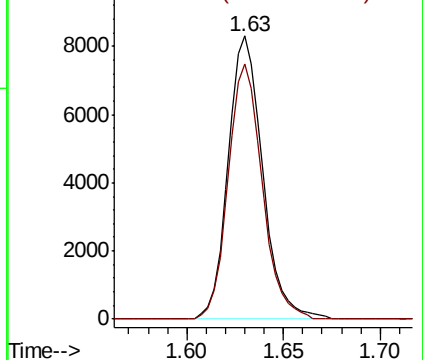
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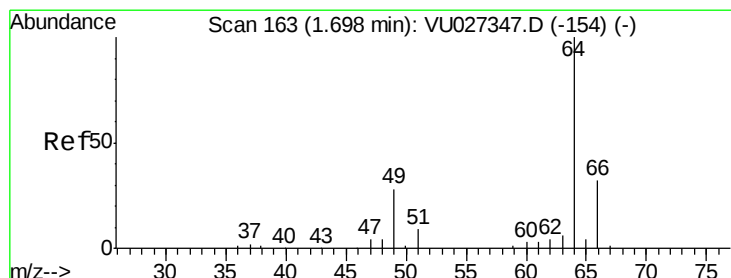
Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



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#6

Chloroethane

Concen: 2.845 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027353.D

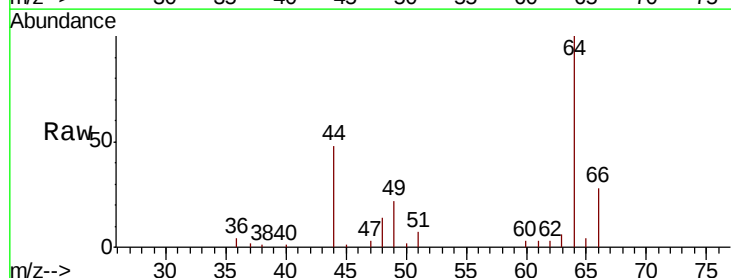
Acq: 02 Oct 2018 20:41

Tgt Ion: 64 Resp: 17215

Ion Ratio Lower Upper

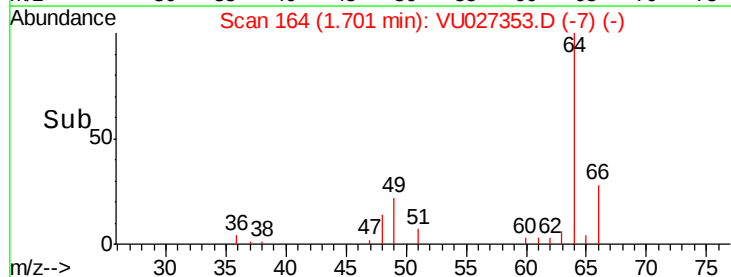
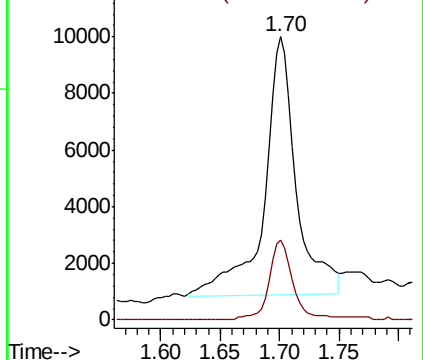
64 100

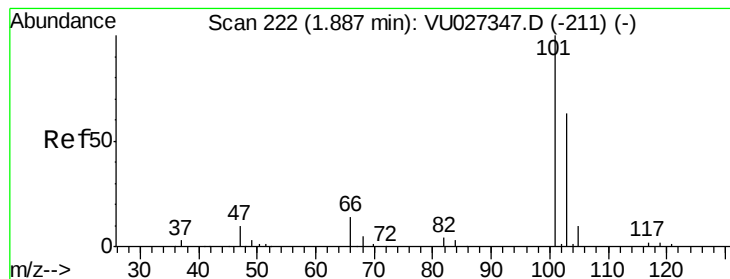
66 31.0 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

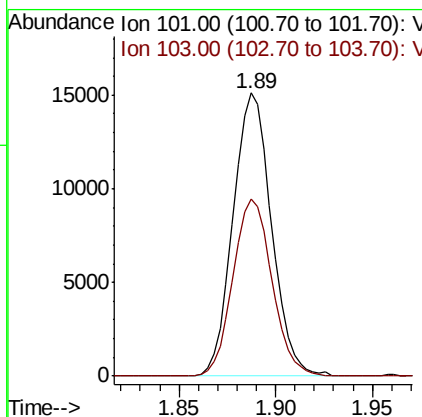
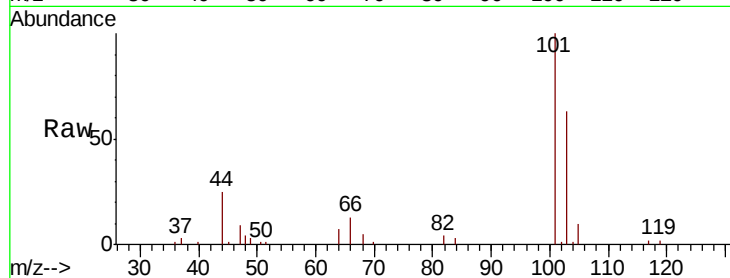
Trichlorofluoromethane
Concen: 2.112 ug/l
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.8	76.2

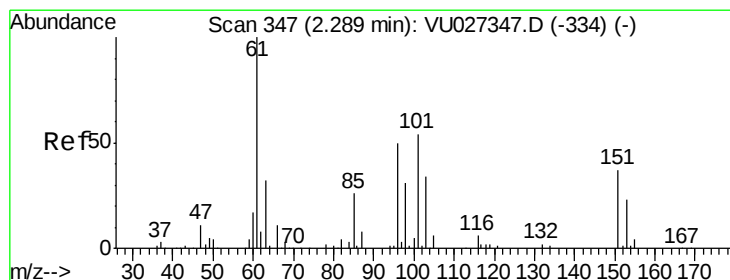
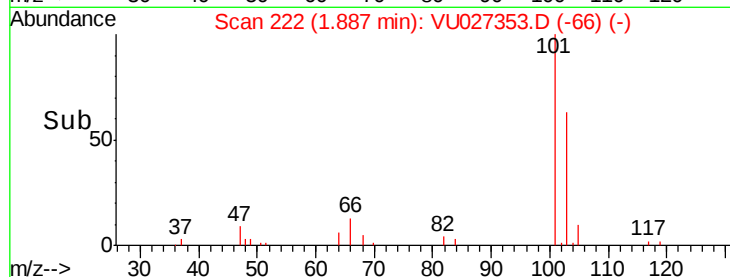
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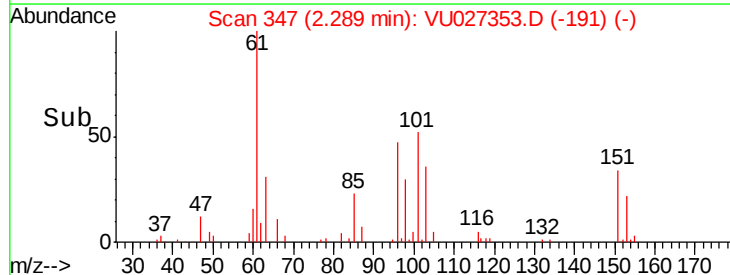
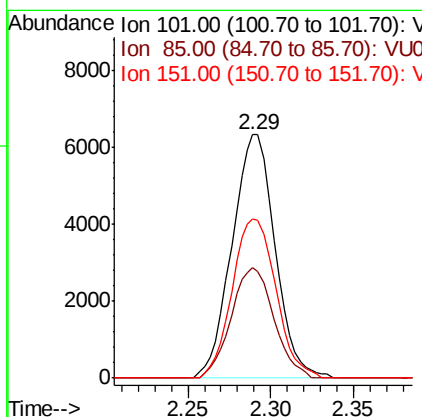
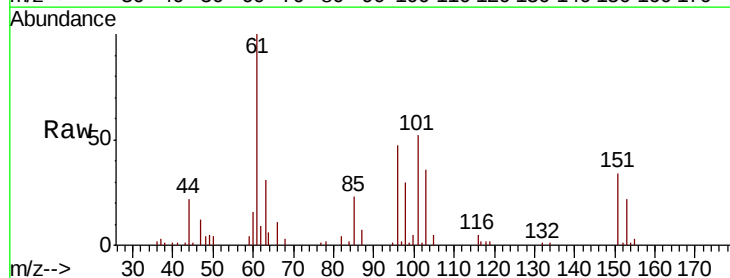
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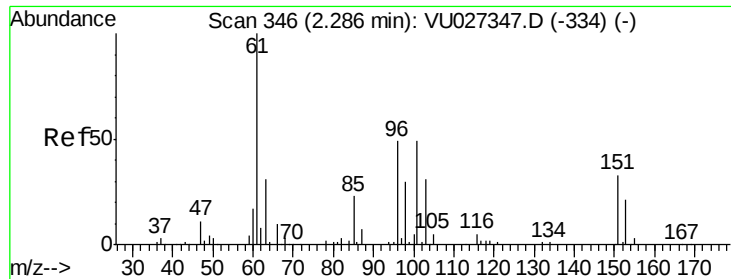


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.971 ug/l
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	37.6	56.4
151	66.4	54.6	81.8





#9

1,1-Dichloroethene

Concen: 1.963 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

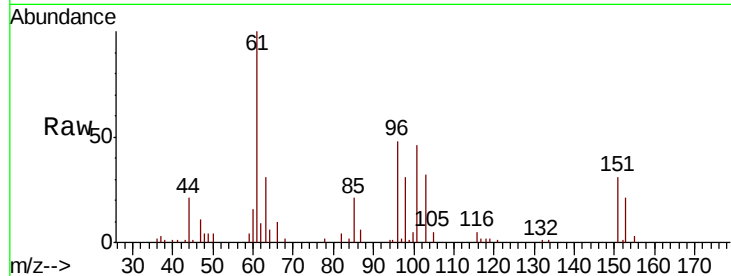
VU1003WBS01

Tot Ion:	96	Resp:	9512
Ion	Ratio	Lower	Upper
96	100		
61	209.4	0.0	614.1
98	64.4	0.0	123.4

Manual Integrations
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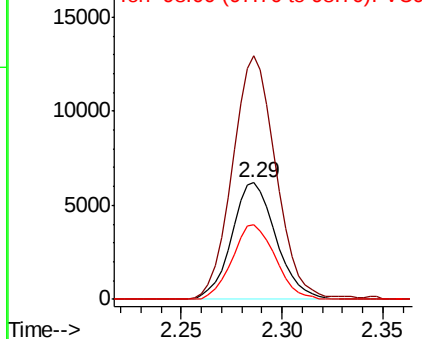
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Abundance Ion 96.00 (95.70 to 96.70): VU0

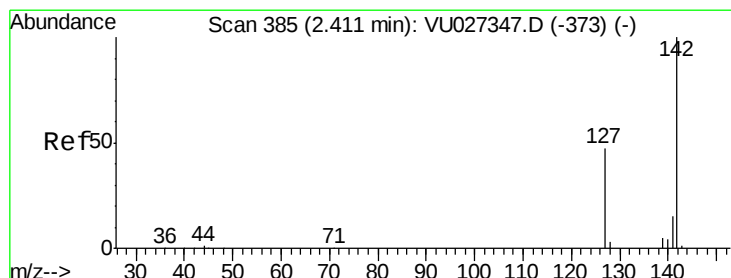
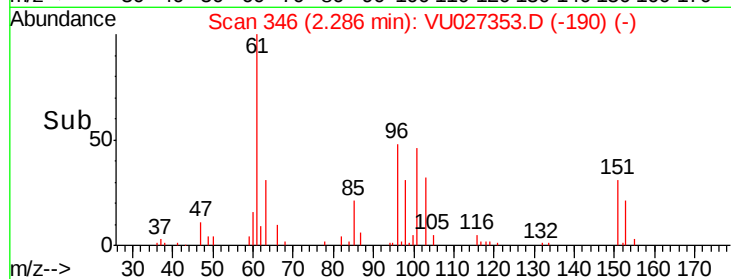
Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



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#10

Iodomethane

Concen: 1.607 ug/l

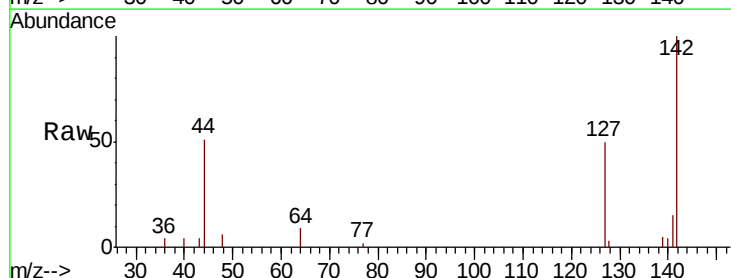
RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027353.D

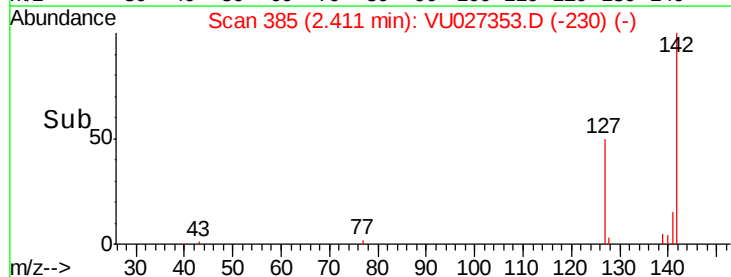
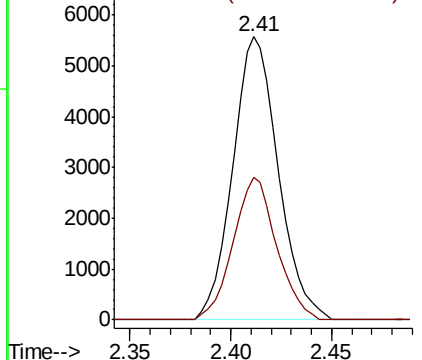
Acq: 02 Oct 2018 20:41

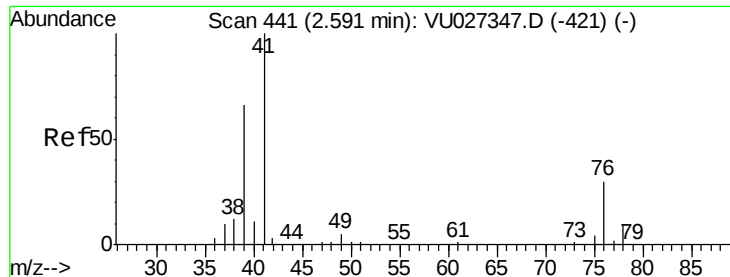
Tgt Ion:	142	Resp:	8775
Ion	Ratio	Lower	Upper
142	100		
127	48.0	38.3	57.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 1.923 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS01

Tot Ion: 41 Resp: 24618

Ion Ratio Lower Upper

41 100

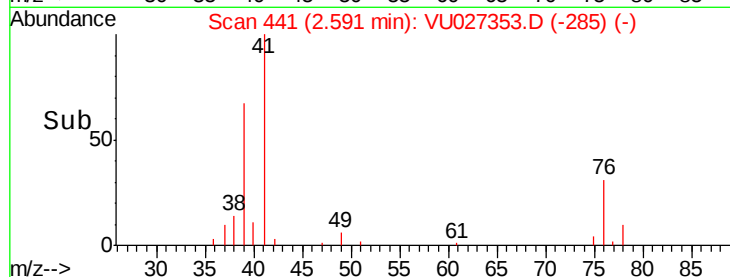
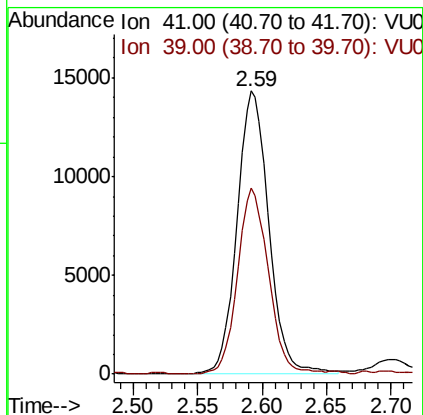
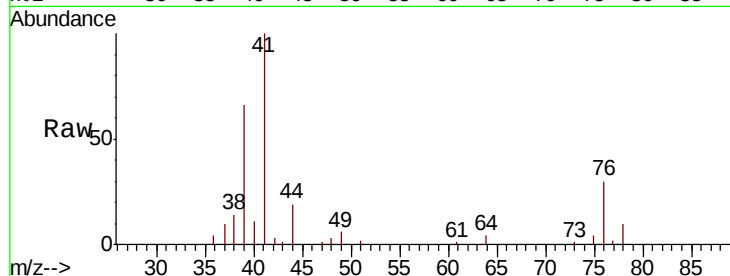
39 63.9 52.2 78.4

Manual Integrations

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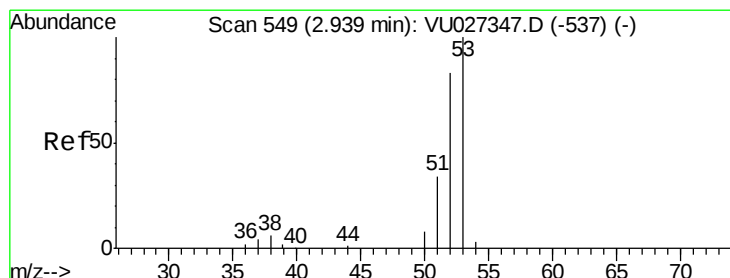
apatel

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#12

Acrylonitrile

Concen: 4.414 ug/l

RT: 2.94 min Scan# 550

Delta R.T. 0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

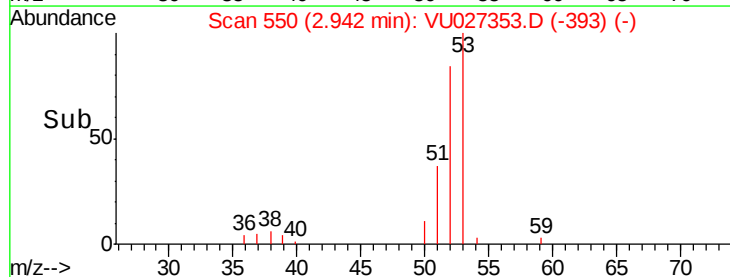
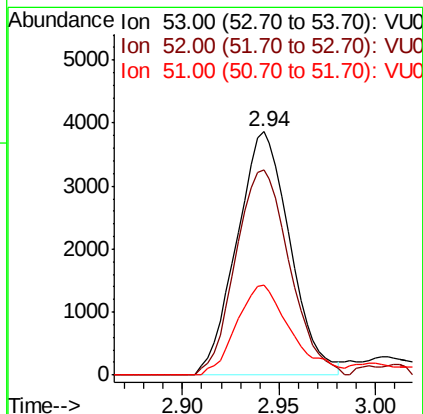
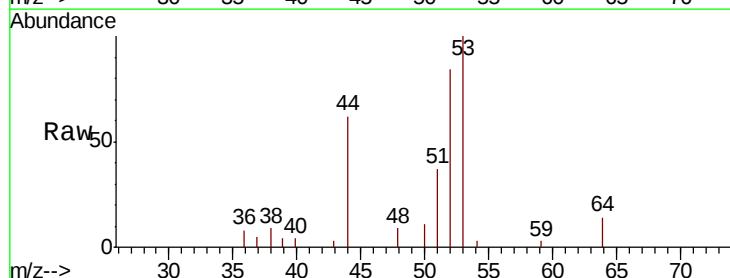
Tgt Ion: 53 Resp: 7385

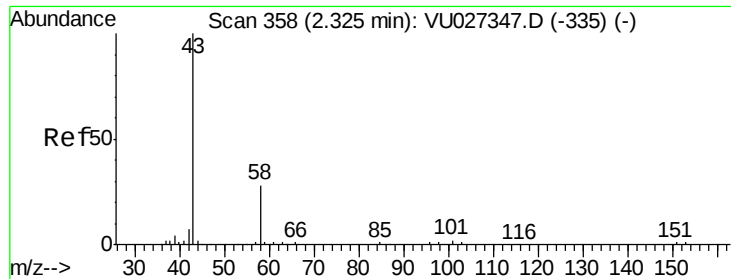
Ion Ratio Lower Upper

53 100

52 85.3 67.0 100.4

51 37.7 29.0 43.6





#13

Acetone

Concen: 10.785 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Tot Ion: 43 Resp: 15987

Ion Ratio Lower Upper

43 100

58 29.8 22.6 34.0

Instrument :

MSVOA_U

ClientSampled :

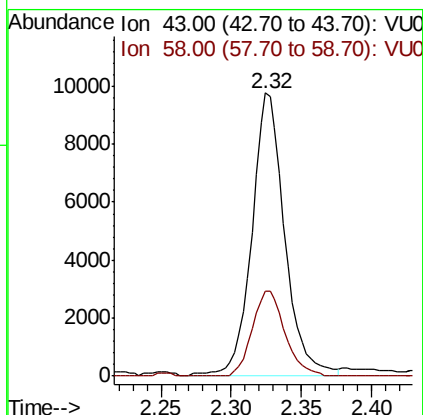
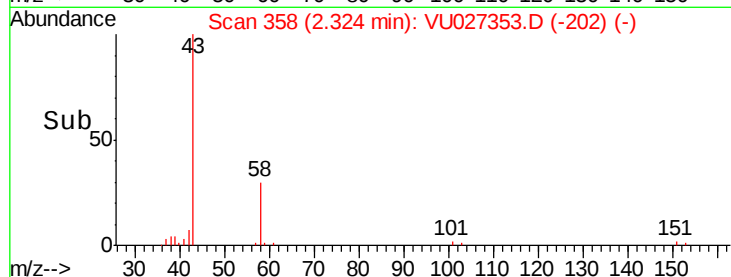
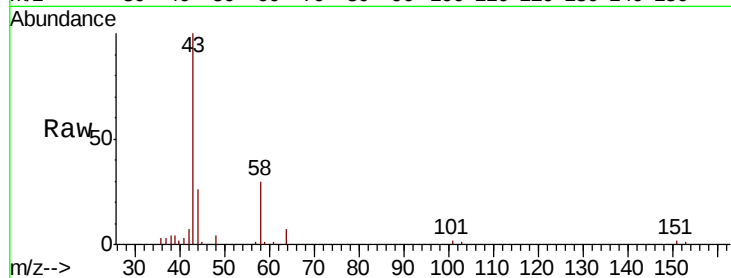
VU1003WBS01

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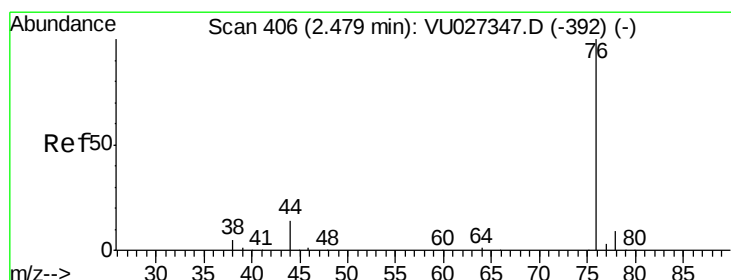
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#14

Carbon Disulfide

Concen: 1.910 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027353.D

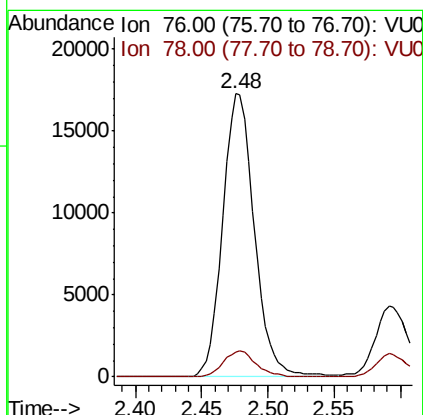
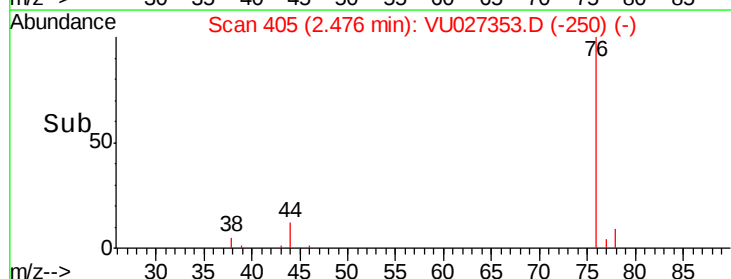
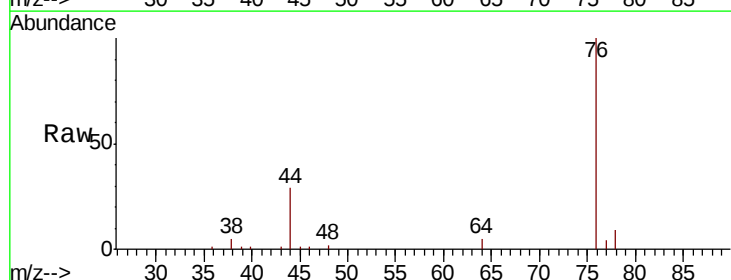
Acq: 02 Oct 2018 20:41

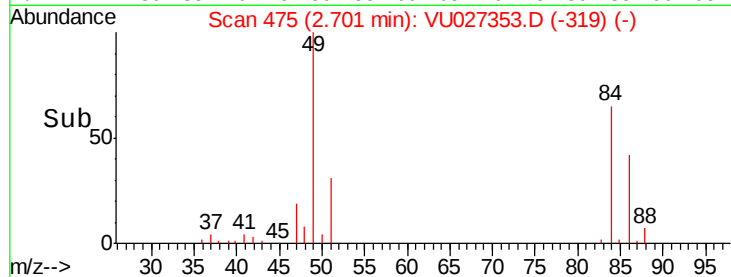
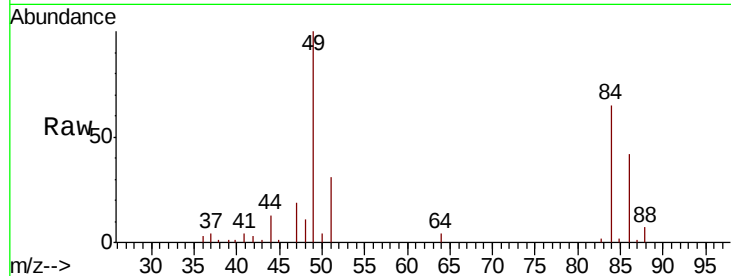
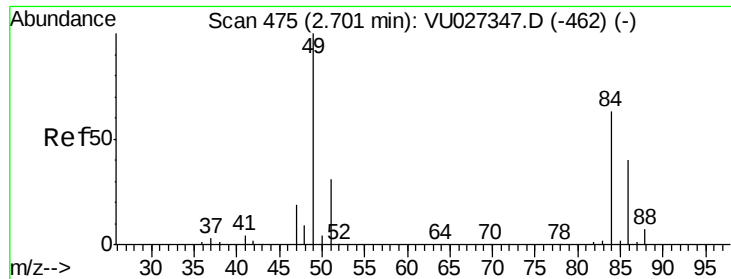
Tgt Ion: 76 Resp: 28756

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





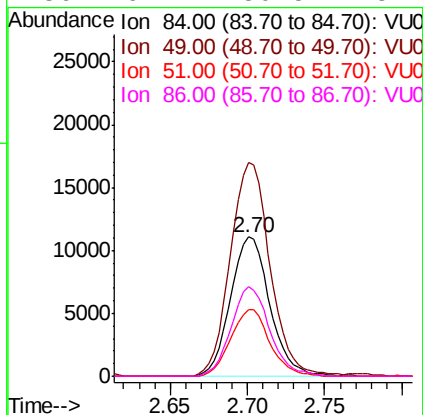
#15
Methvlene Chloride
Concen: 3.149 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tot Ion	84.00	Resp:	19570
Ion	Ratio	Lower	Upper
84	100		
49	153.2	126.0	189.0
51	47.8	0.0	97.4
86	64.1	50.5	75.7

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

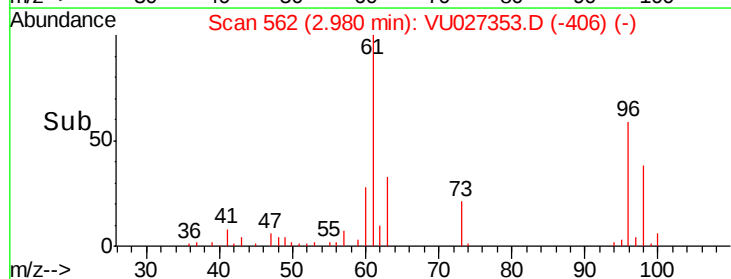
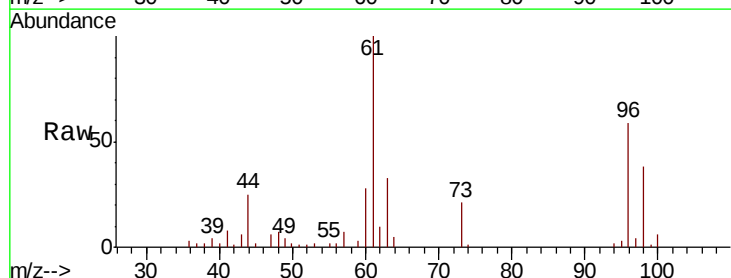
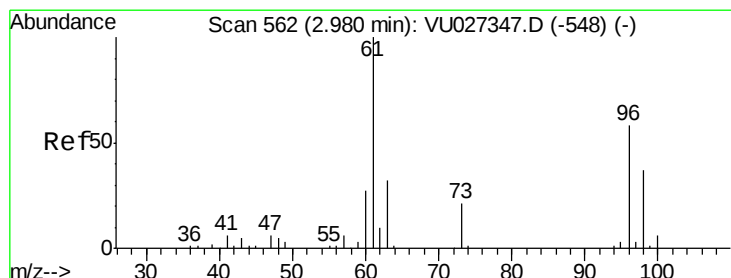
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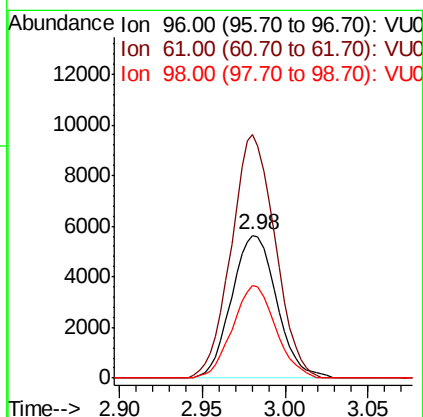
apatel

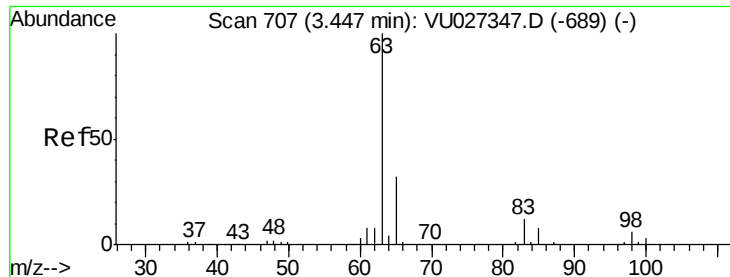
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#16
trans-1,2-Dichloroethene
Concen: 1.893 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	96	Resp:	10669
Ion	Ratio	Lower	Upper
96	100		
61	170.8	138.2	207.4
98	65.2	51.5	77.3





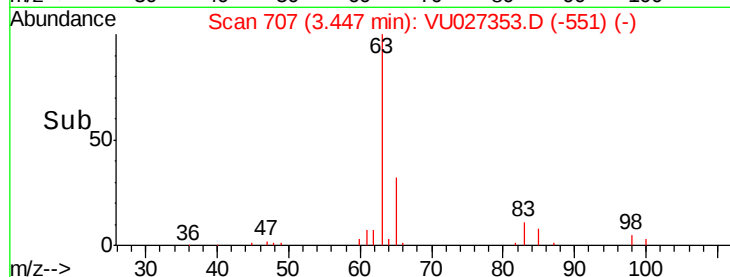
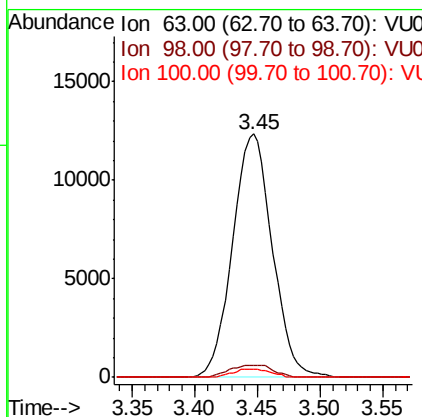
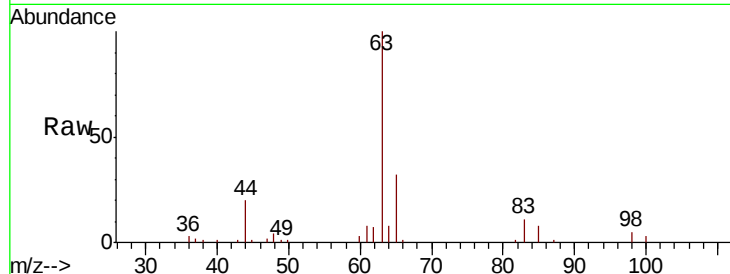
#17
 1,1-Dichloroethane
 Concen: 2.001 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion:	63	Resp:	27223
Ion Ratio	Lower	Upper	
63	100		
98	5.1	2.9	8.6
100	3.3	1.8	5.3

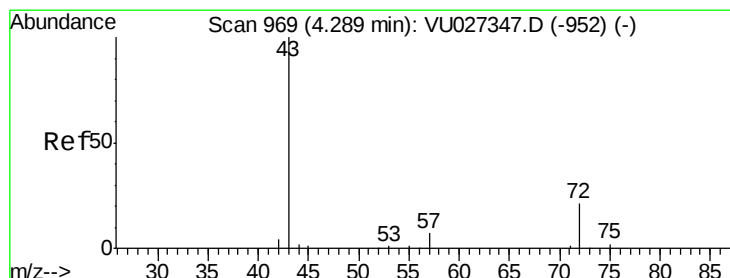
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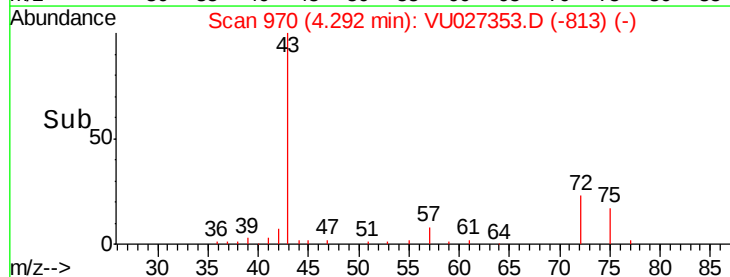
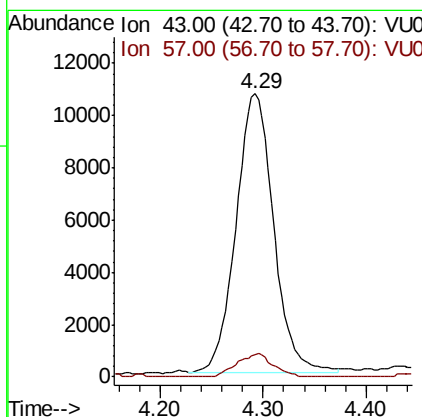
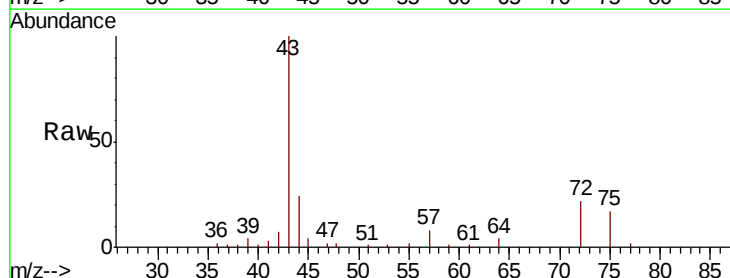
apatel

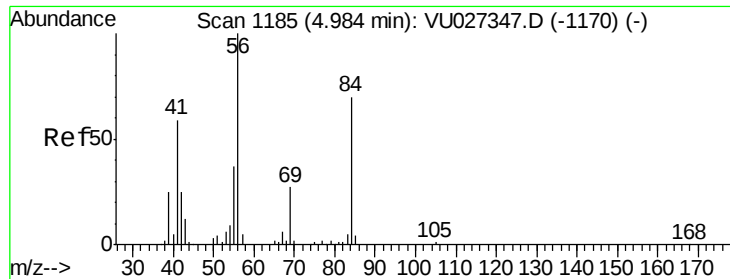
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#18
 2-Butanone
 Concen: 10.533 ug/l
 RT: 4.29 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion:	43	Resp:	26982
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	14.4





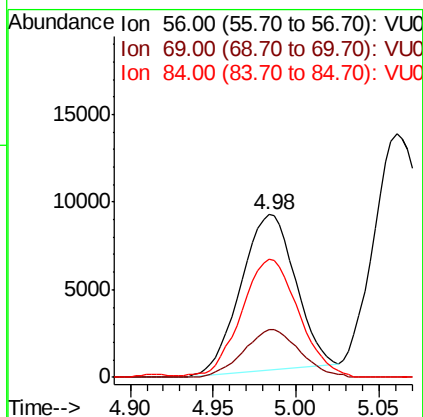
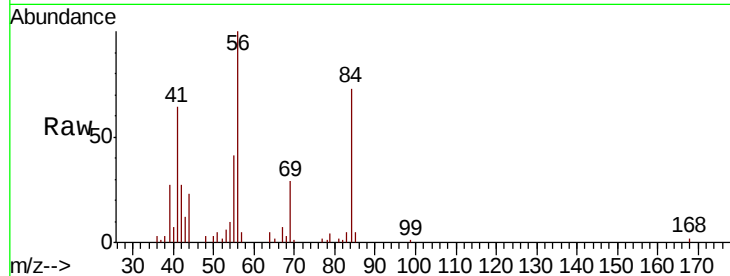
#19
Cyclohexane
Concen: 1.980 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.9	37.3
84	77.9	63.0	94.6

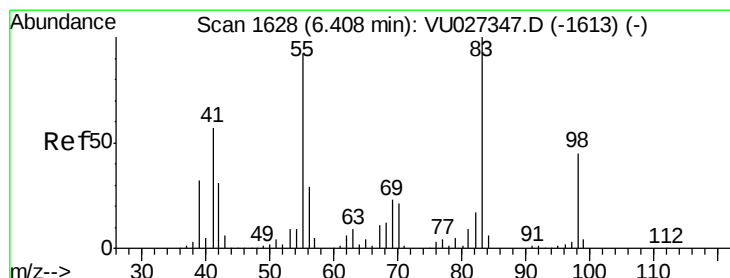
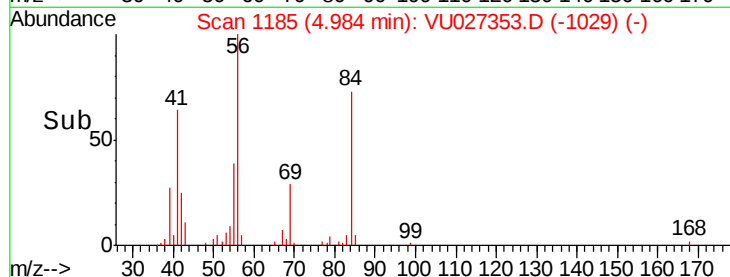
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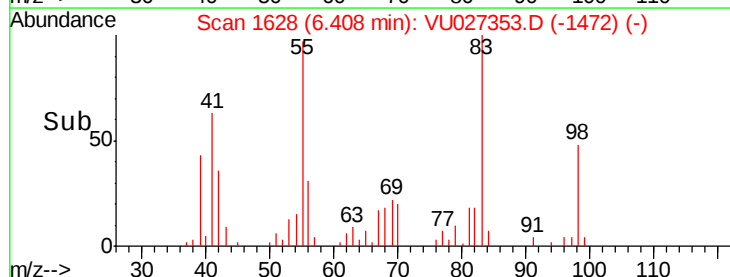
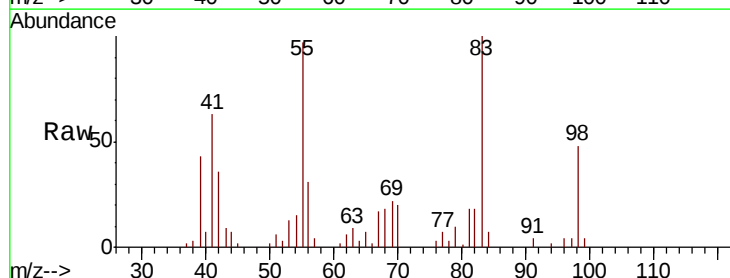
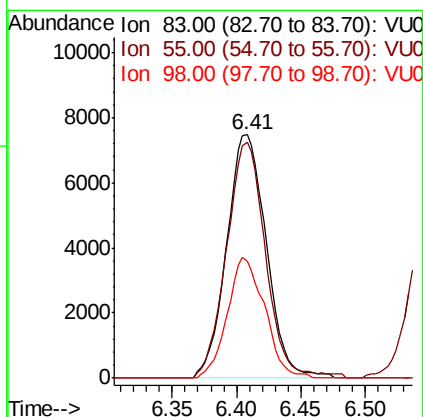
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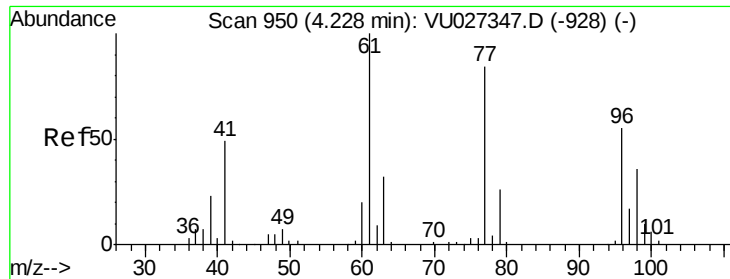
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#20
Methylcyclohexane
Concen: 1.733 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	95.4	71.6	107.4
98	46.6	35.8	53.6





#21

2,2-Dichloropropane

Concen: 1.891 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampled :

VU1003WBS01

Tot Ion: 77 Resp: 22034

Ion Ratio Lower Upper

77 100

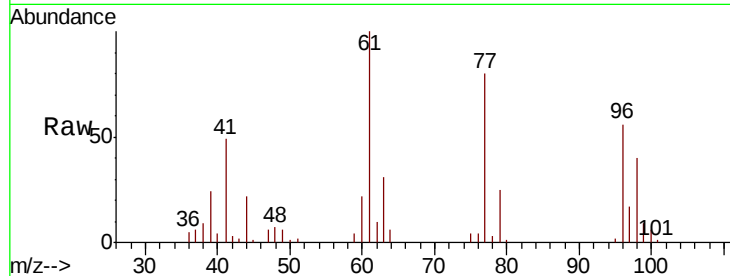
97 20.2 16.0 24.0

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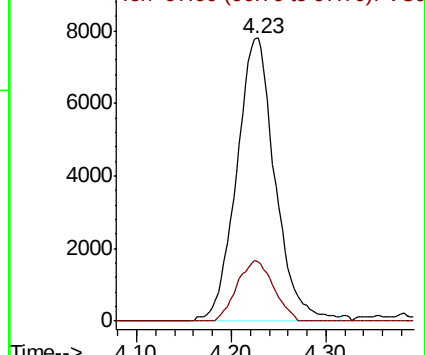
apatel

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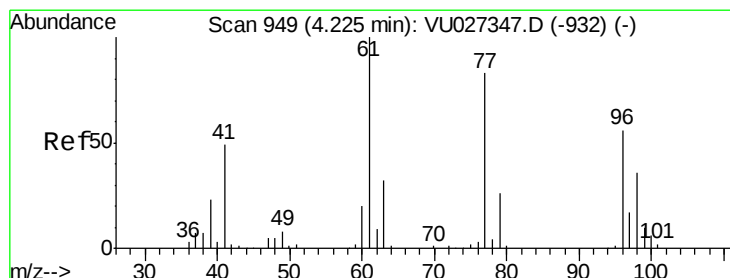
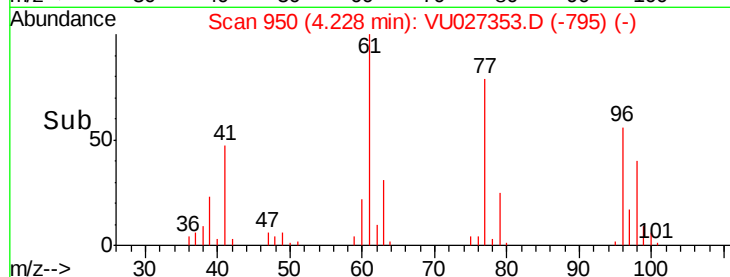
Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



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#22

cis-1,2-Dichloroethene

Concen: 2.019 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

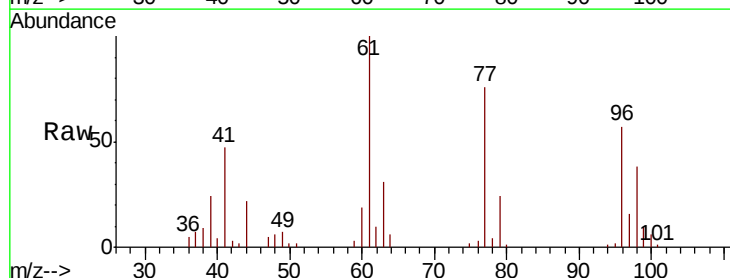
Tgt Ion: 96 Resp: 13714

Ion Ratio Lower Upper

96 100

61 181.6 0.0 461.8

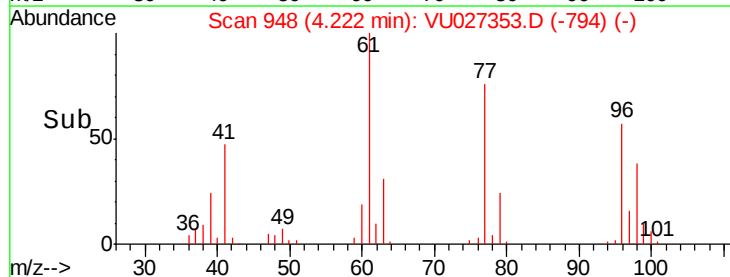
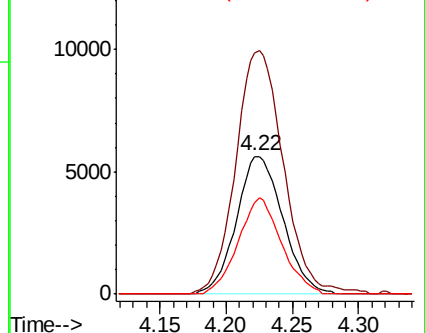
98 65.1 32.5 97.4

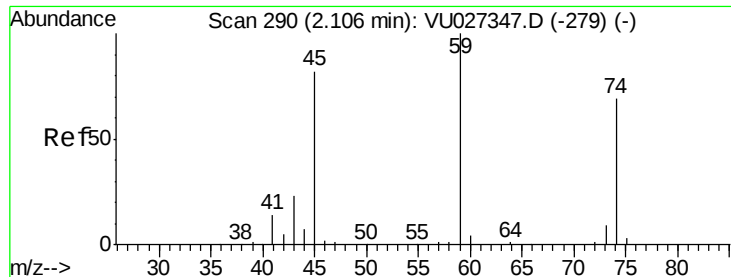


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





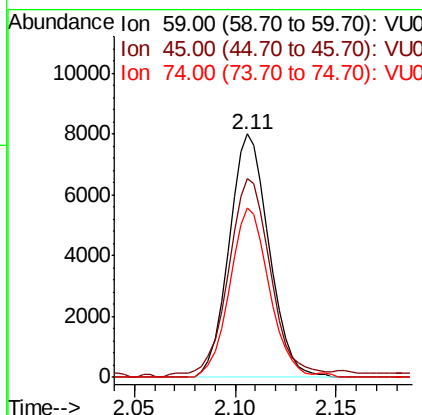
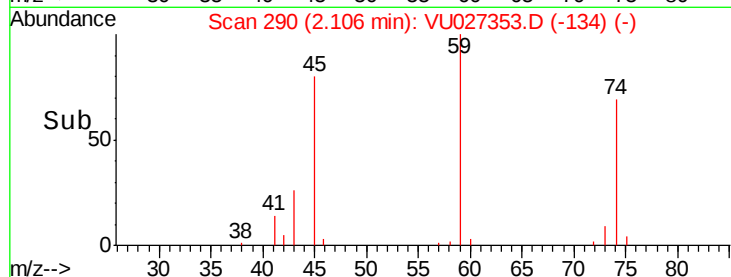
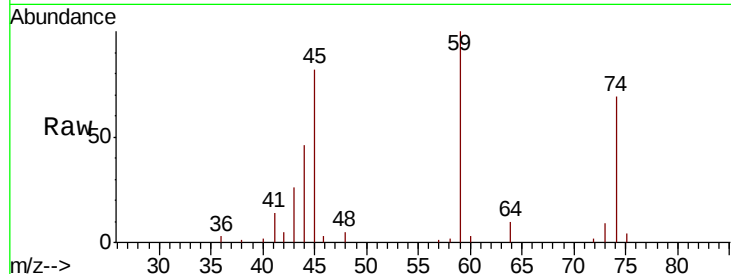
#23
Diethyl Ether
Concen: 2.144 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
45	87.8	65.2	97.8
74	69.3	54.2	81.4

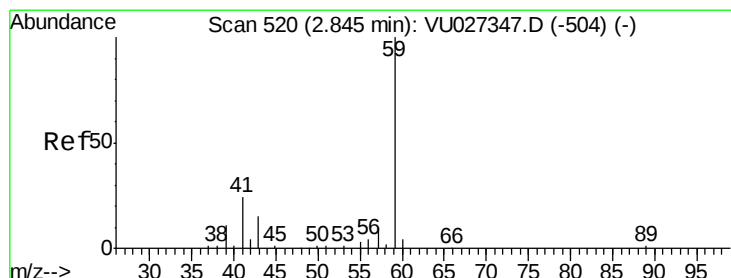
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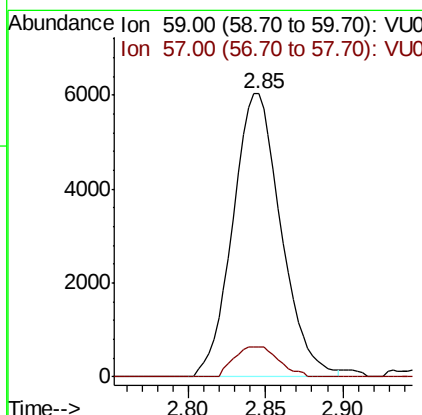
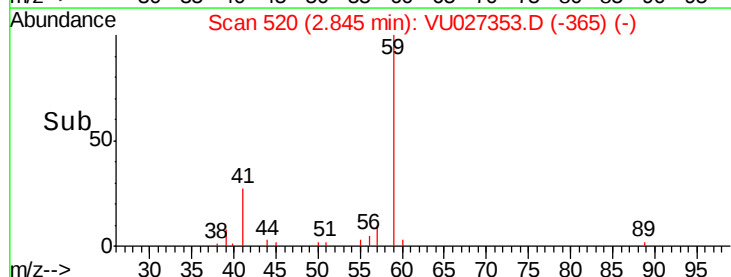
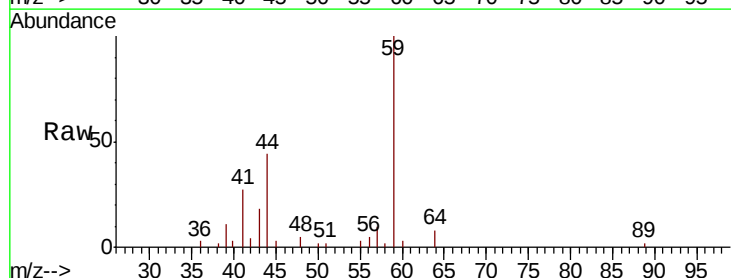
apatel

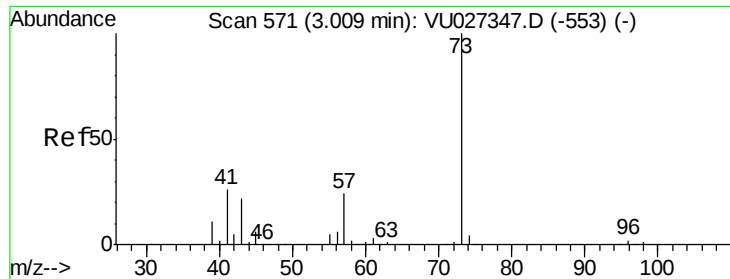
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#24
tert-Butyl Alcohol
Concen: 22.366 ug/l
RT: 2.85 min Scan# 520
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2





#25

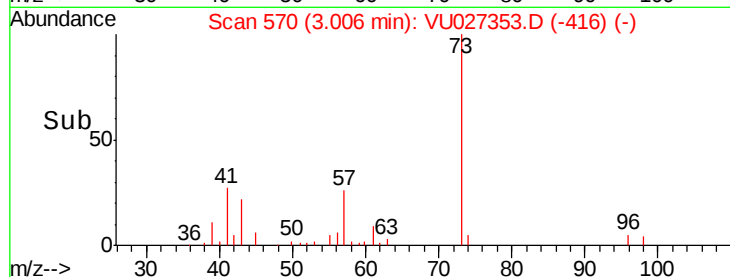
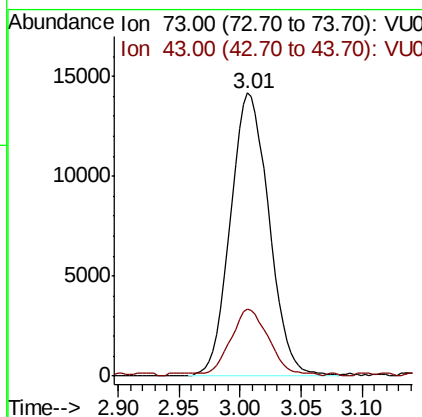
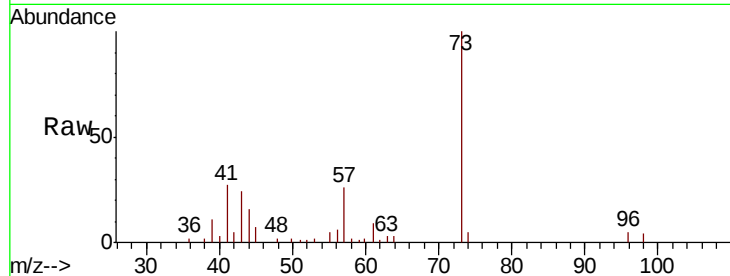
Methyl tert-Butyl Ether
 Concen: 1.926 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
43	23.7	17.6	26.4

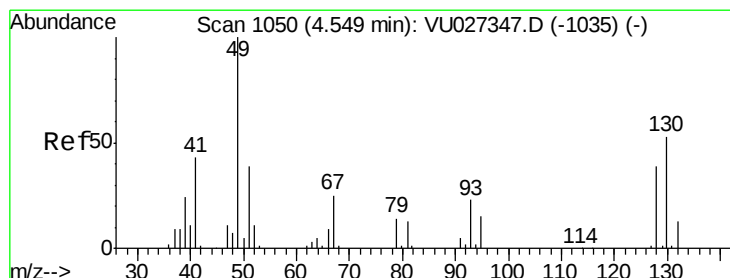
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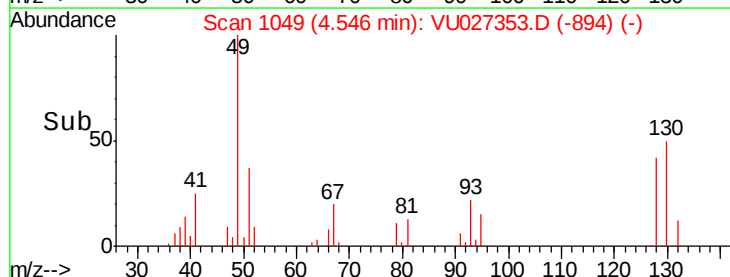
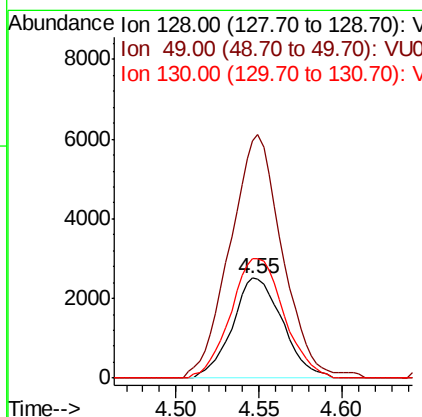
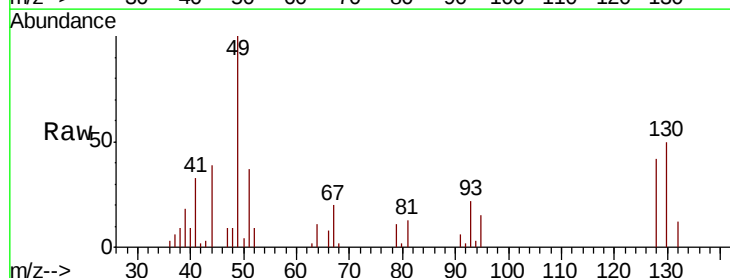
10/5/2018 11:56:42 AM

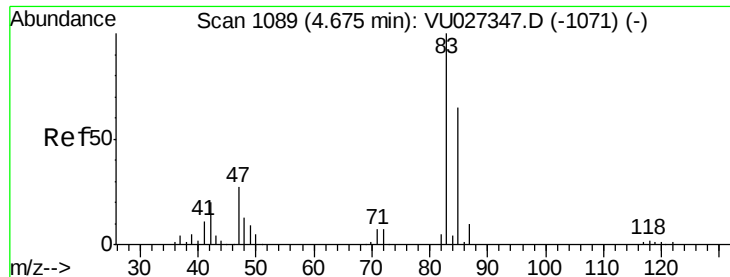


#26

Bromochloromethane
 Concen: 2.125 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
128	100		
49	252.9	0.0	498.8
130	126.5	103.8	155.8





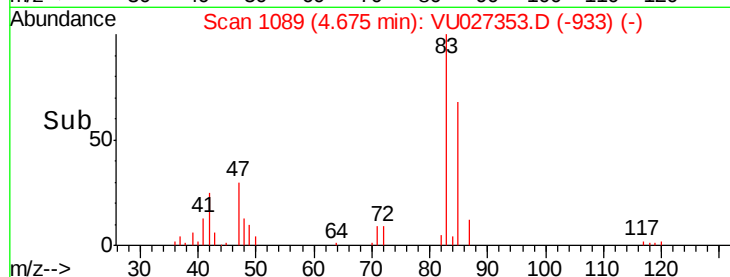
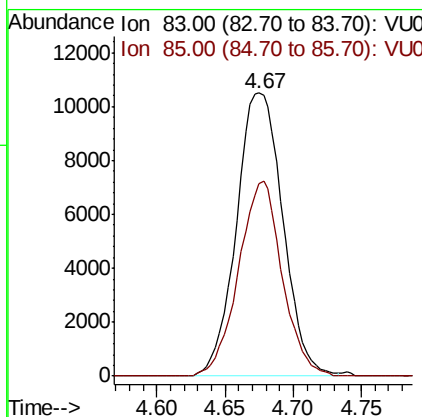
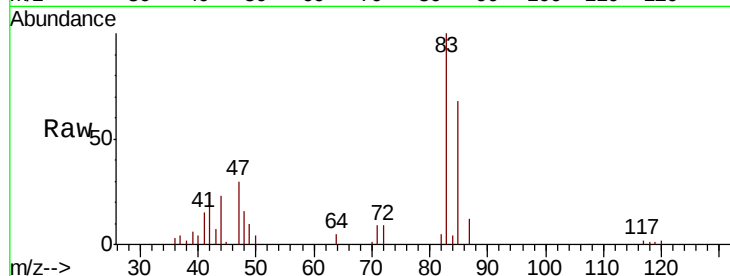
#27
Chloroform
Concen: 1.999 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	83.00 (82.70 to 83.70): VU0	Resp	24832
Ion Ratio	Lower	Upper	
83	100		
85	67.9	0.0	129.4

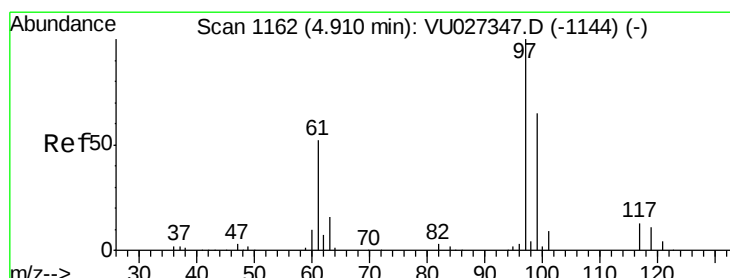
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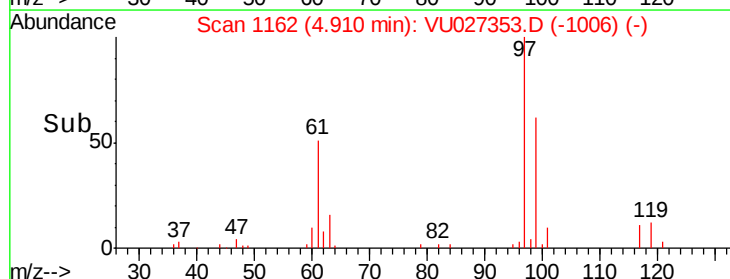
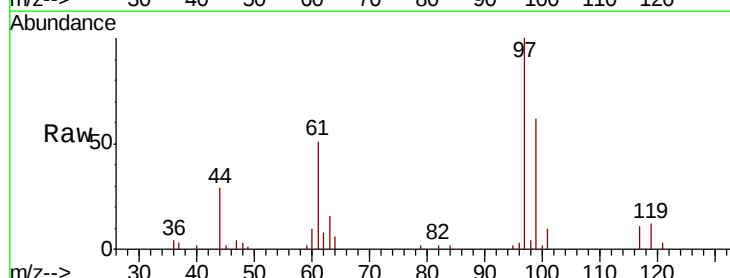
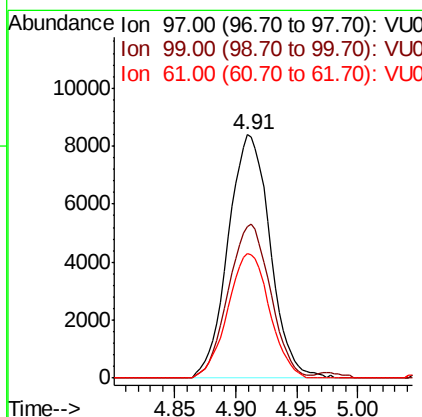
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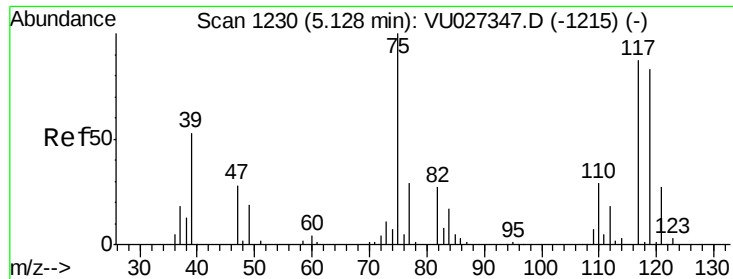
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#28
1,1,1-Trichloroethane
Concen: 1.988 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	97.00 (96.70 to 97.70): VU0	Resp	20026
Ion Ratio	Lower	Upper	
97	100		
99	63.7	31.9	95.9
61	50.9	25.7	77.1





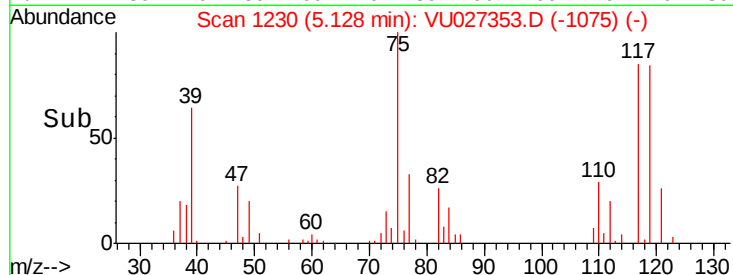
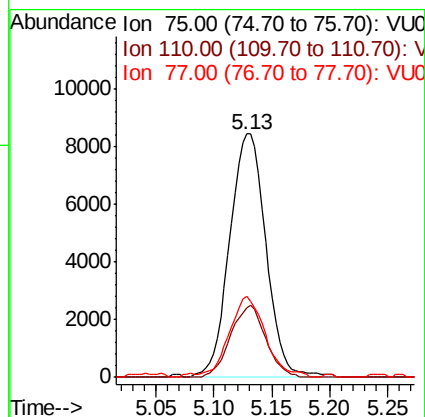
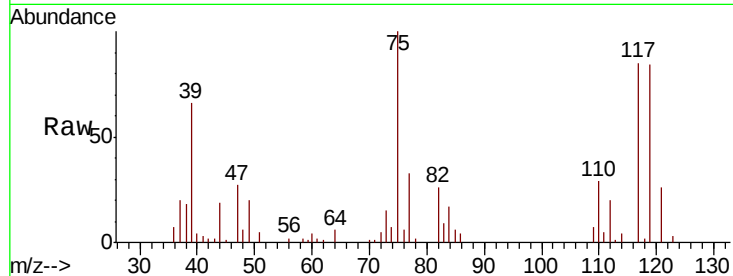
#29
 1,1-Dichloropropene
 Concen: 2.028 ug/l
 RT: 5.13 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	28.4	15.0	45.0
77	32.8	24.2	36.2

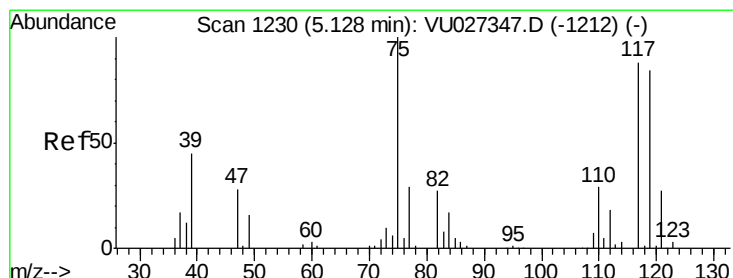
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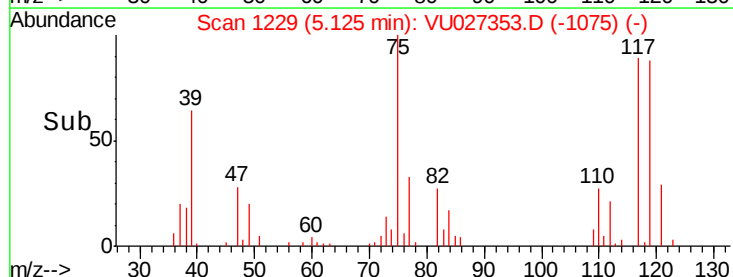
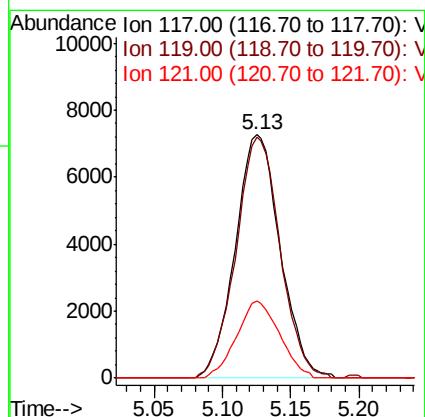
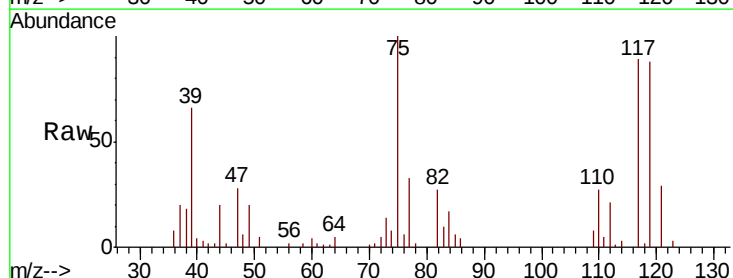
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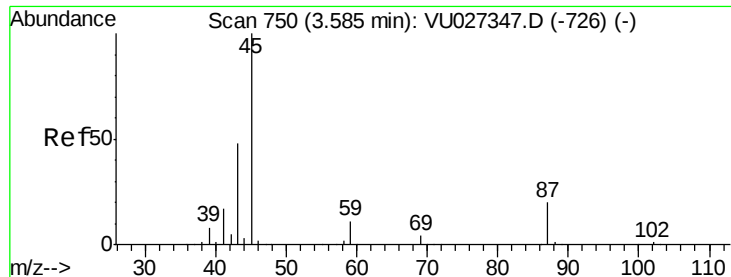
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#30
 Carbon Tetrachloride
 Concen: 1.997 ug/l
 RT: 5.13 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.9	113.9
121	31.9	24.6	37.0





#31

Isopropyl Ether

Concen: 1.963 ug/l

RT: 3.58 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampled :

VU1003WBS01

Tot Ion: 45 Resp: 50803

Ion Ratio Lower Upper

45 100

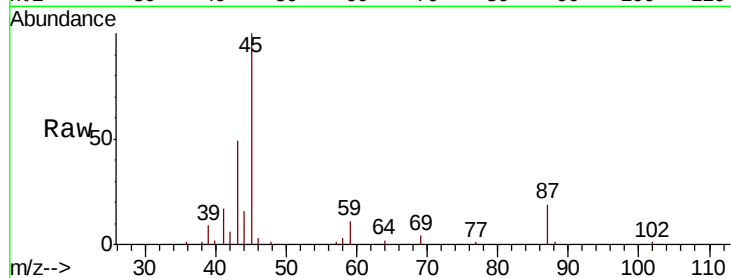
43 50.0 24.1 72.3

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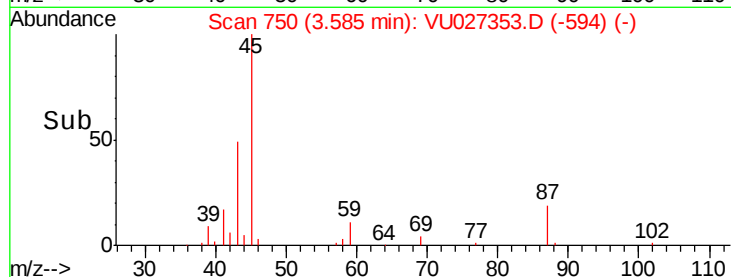
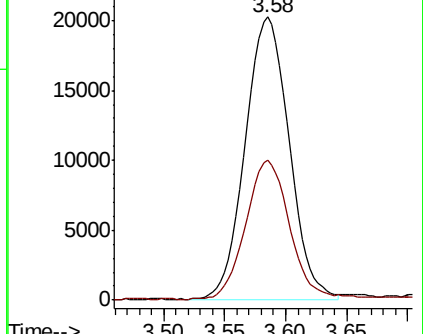
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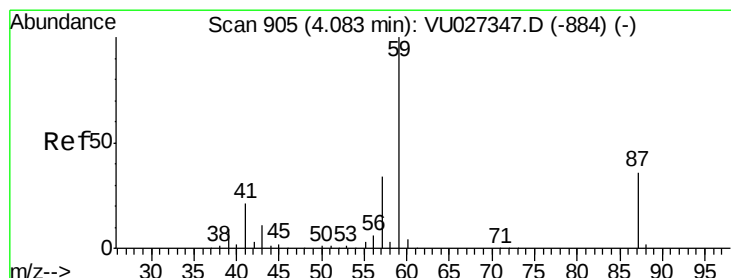
Abundance Ion 45.00 (44.70 to 45.70): VU027347.D (-726) (-)

Ion 43.00 (42.70 to 43.70): VU027347.D (-726) (-)



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#32

Ethyl-t-butyl ether

Concen: 2.008 ug/l

RT: 4.08 min Scan# 905

Delta R.T. -0.00 min

Lab File: VU027353.D

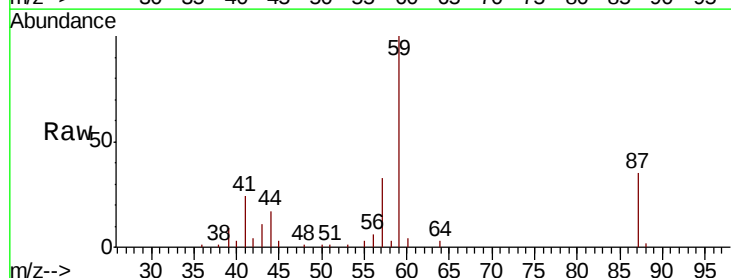
Acq: 02 Oct 2018 20:41

Tgt Ion: 59 Resp: 40581

Ion Ratio Lower Upper

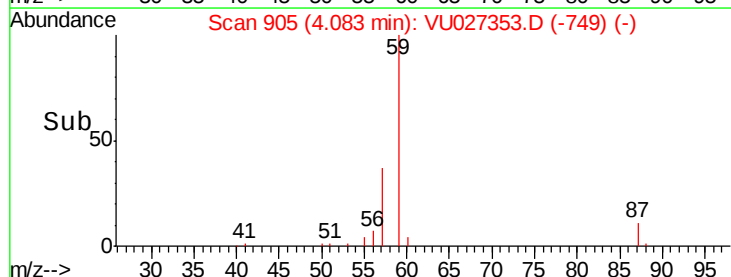
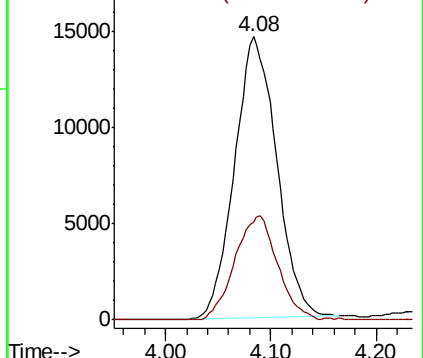
59 100

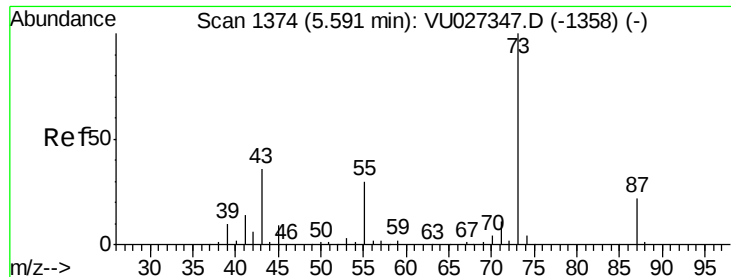
87 37.5 28.6 42.8



Abundance Ion 59.00 (58.70 to 59.70): VU027347.D (-884) (-)

Ion 87.00 (86.70 to 87.70): VU027347.D (-884) (-)





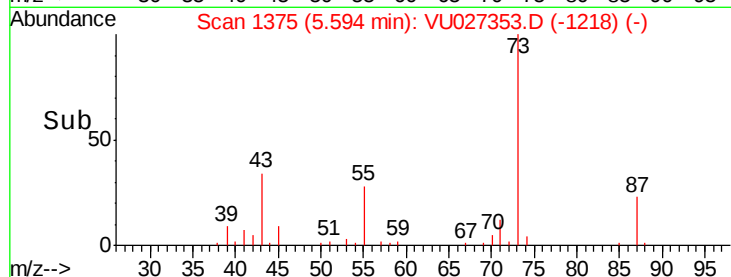
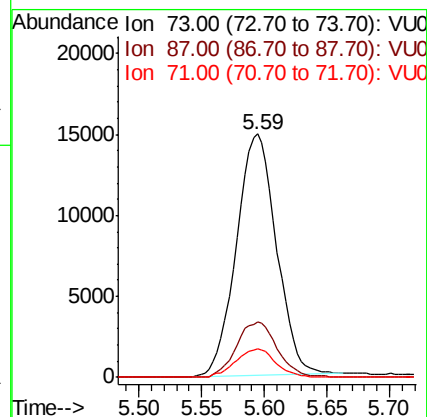
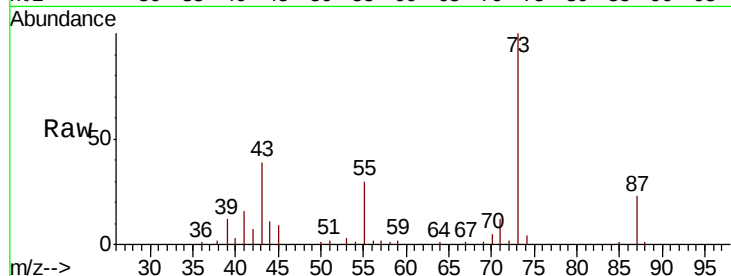
#33
Tert-Amvl methvl ether
Concen: 2.056 ug/l
RT: 5.59 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.3	18.1	27.1
71	11.7	9.2	13.8

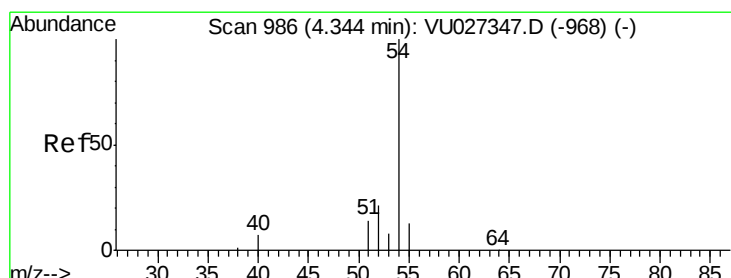
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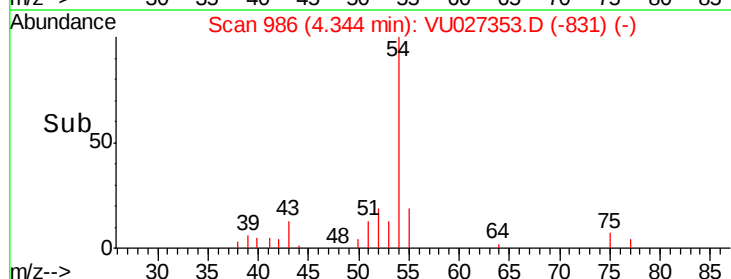
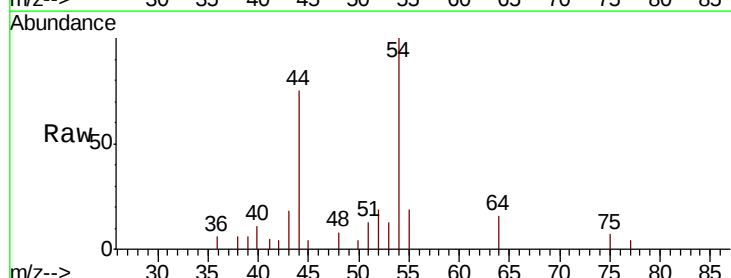
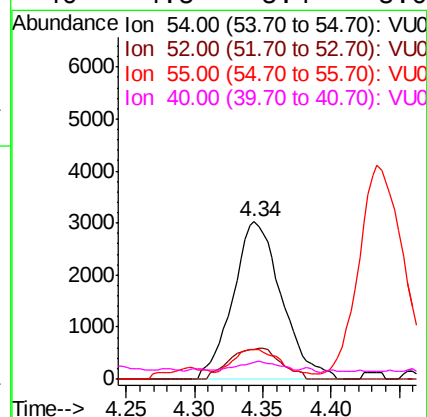
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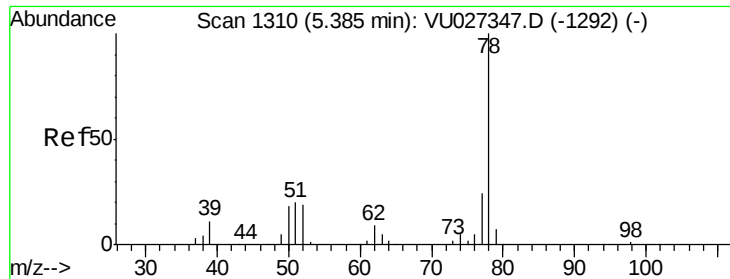
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#34
Propionitrile
Concen: 11.328 ug/l
RT: 4.34 min Scan# 986
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.5	16.9	25.3
55	16.8	13.9	20.9
40	4.5	5.4	8.0





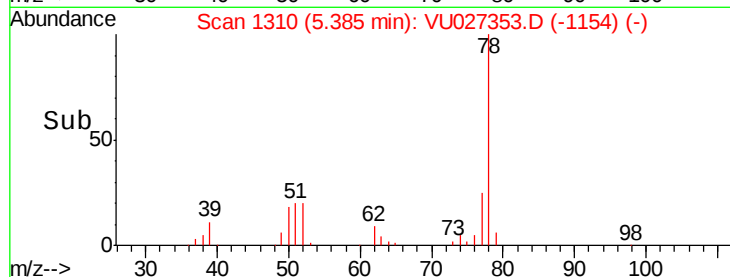
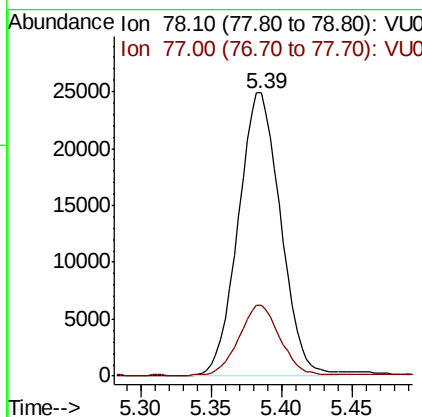
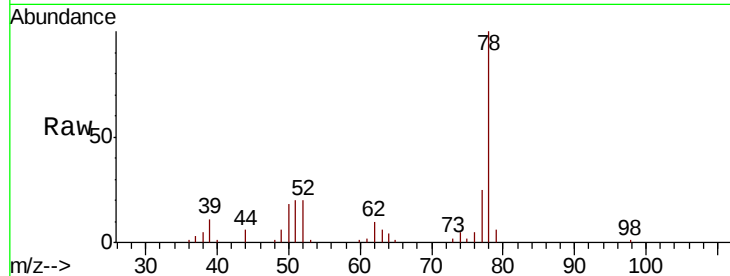
#35
Benzene
Concen: 1.978 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampled :
VU1003WBS01

Tot Ion: 78 Resp: 52476
Ion Ratio Lower Upper
78 100
77 25.1 19.5 29.3

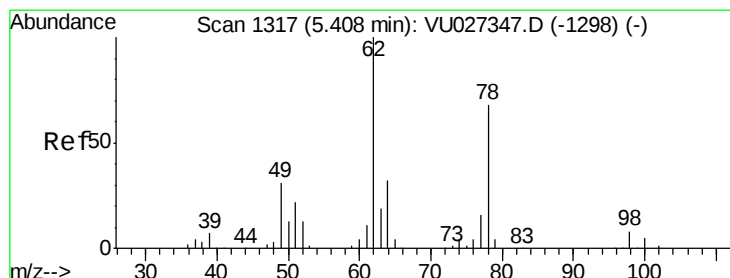
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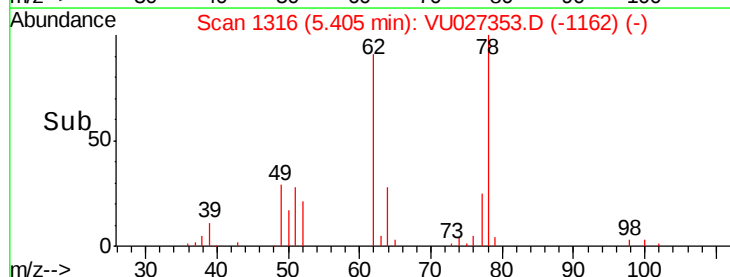
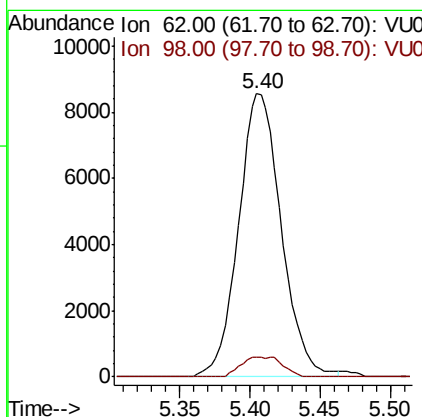
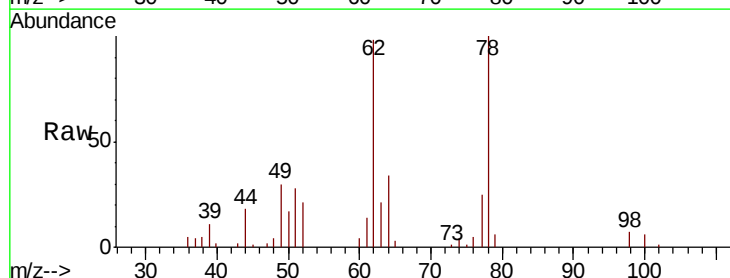
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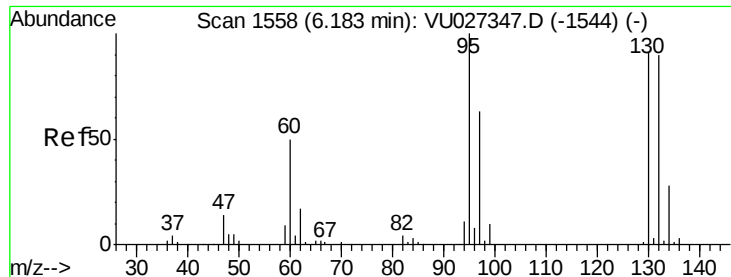
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#36
1,2-Dichloroethane
Concen: 2.083 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion: 62 Resp: 18115
Ion Ratio Lower Upper
62 100
98 6.8 6.2 9.2





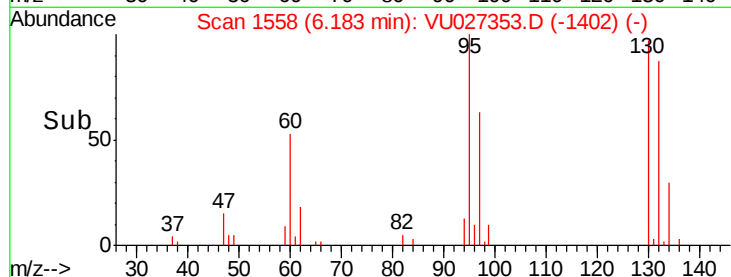
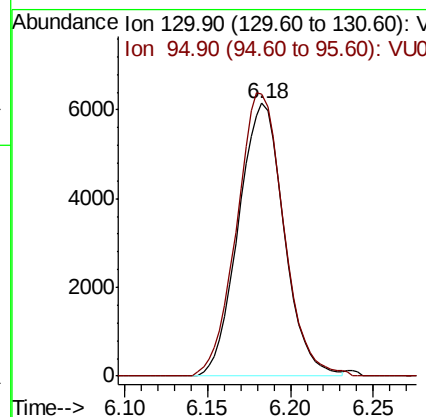
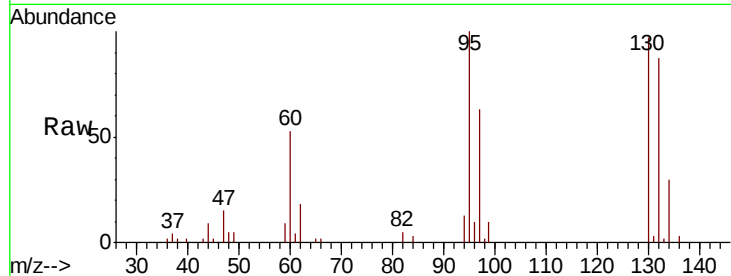
#37
 Trichloroethene
 Concen: 2.001 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion:130 Resp: 11786
 Ion Ratio Lower Upper
 130 100
 95 103.6 87.6 131.4

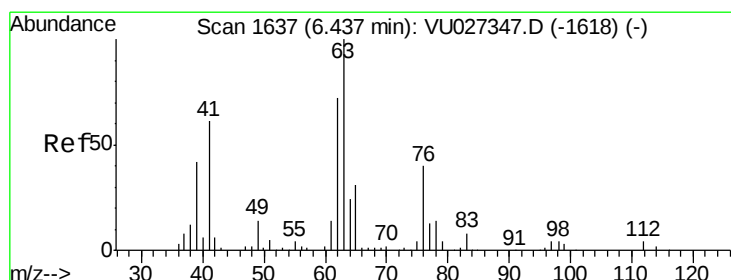
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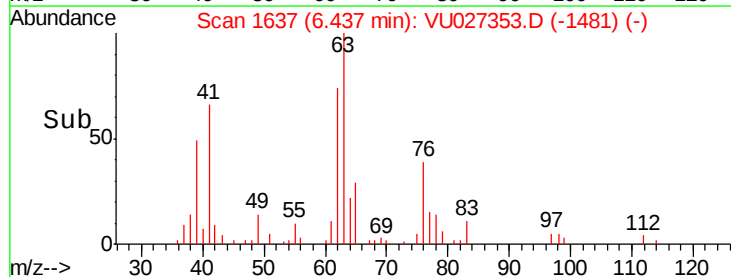
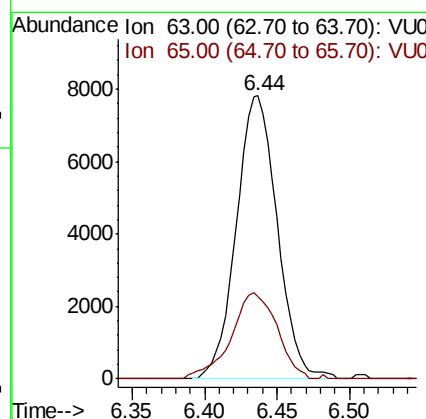
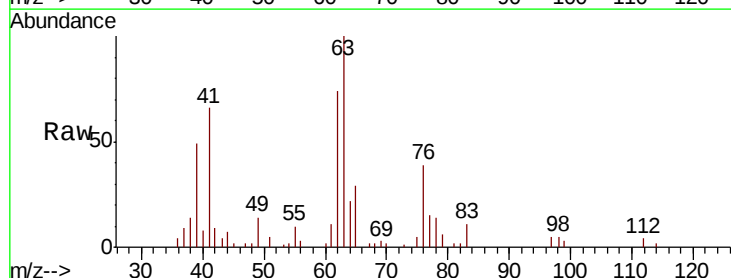
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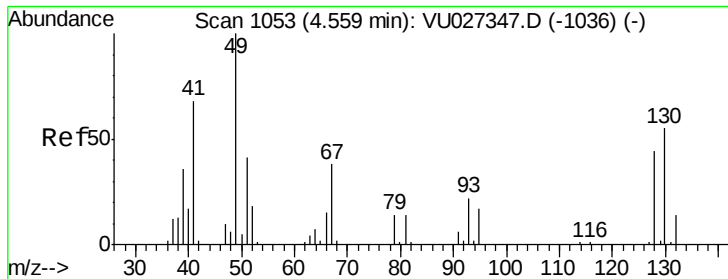
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#38
 1,2-Dichloropropane
 Concen: 1.914 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion: 63 Resp: 15353
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.9 37.3





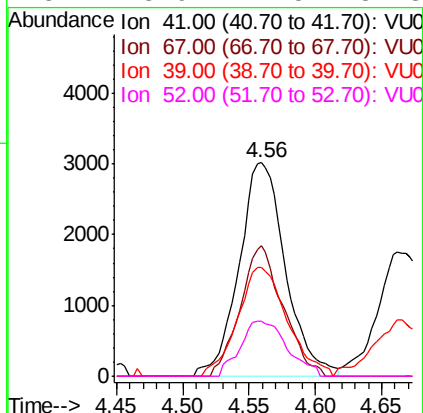
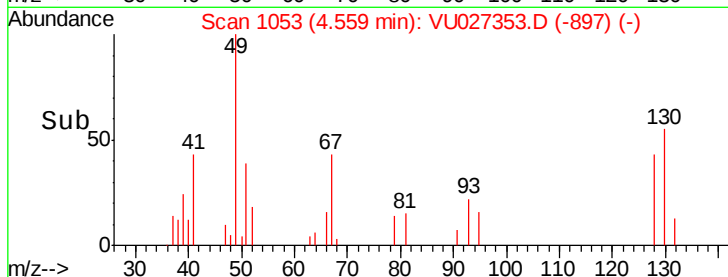
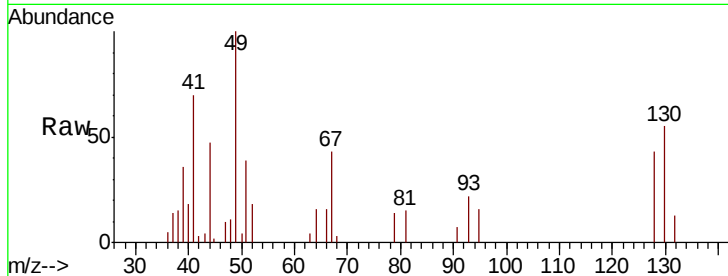
#39
Methacrylonitrile
Concen: 2.130 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
67	56.0	46.2	69.2
39	54.1	43.8	65.6
52	25.9	21.5	32.3

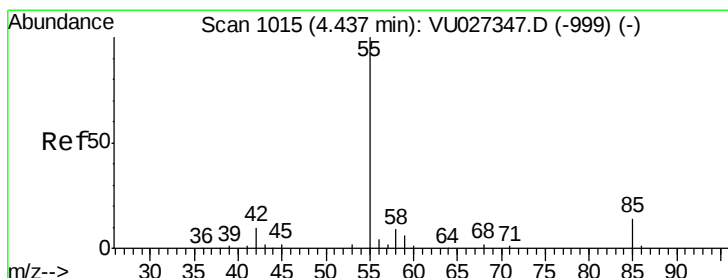
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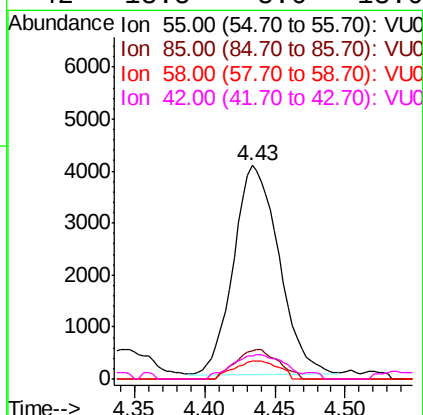
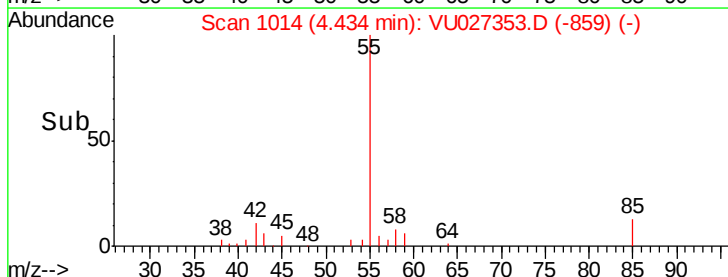
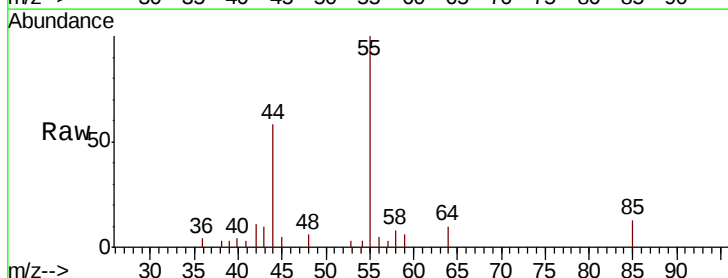
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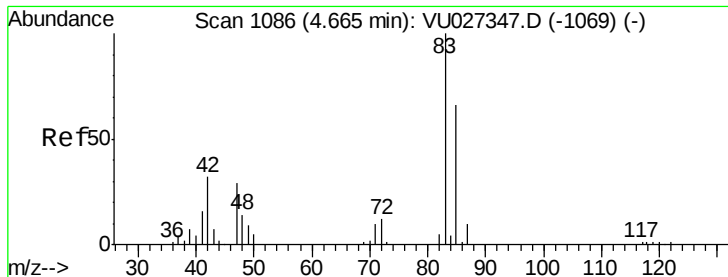
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#40
Methyl acrylate
Concen: 2.065 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
55	100		
85	13.3	11.8	17.8
58	8.3	7.3	10.9
42	13.5	8.6	13.0#





#41

Tetrahydrofuran

Concen: 4.492 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

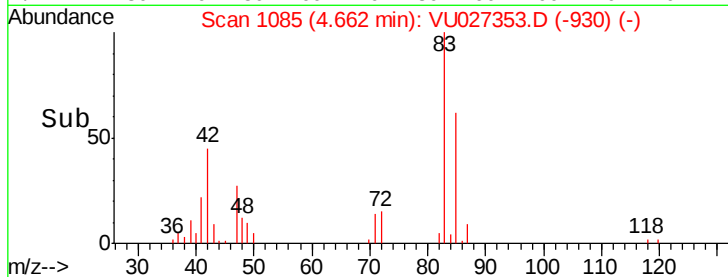
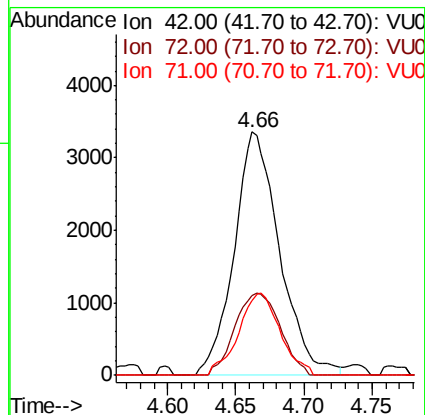
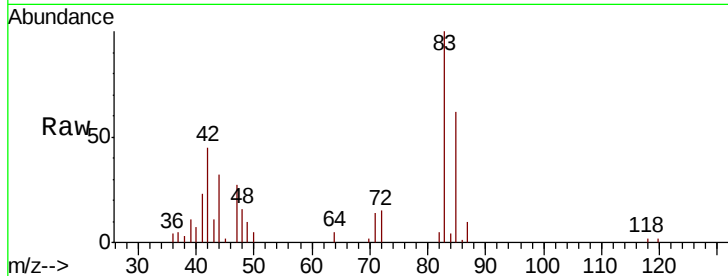
ClientSampleId :

VU1003WBS01

Tot Ion:	42	Resp:	7792
Ion	Ratio	Lower	Upper
42	100		
72	33.5	29.2	43.8
71	30.7	25.8	38.8

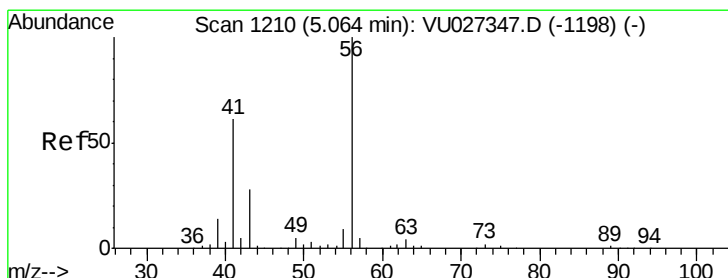
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#42

1-Chlorobutane

Concen: 2.023 ug/l

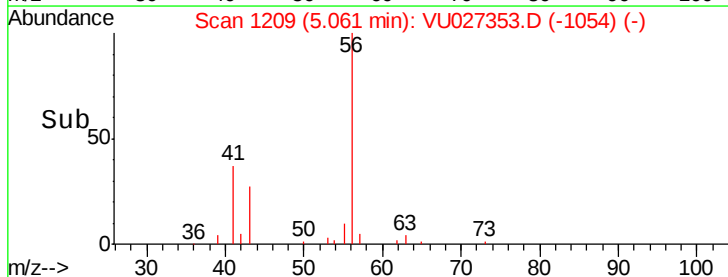
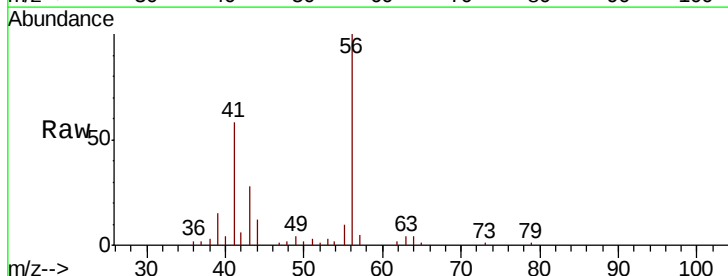
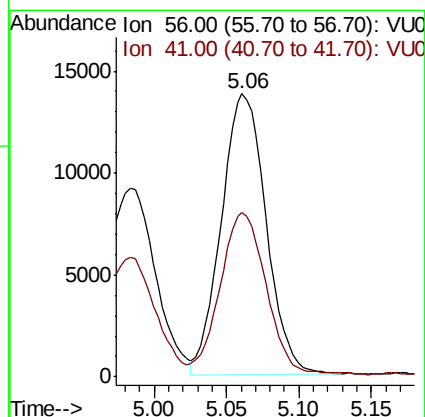
RT: 5.06 min Scan# 1209

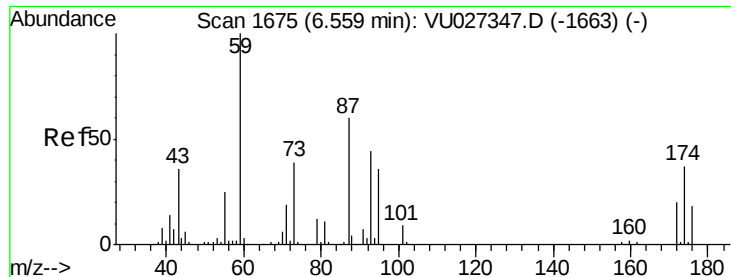
Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Tgt Ion:	56	Resp:	29527
Ion	Ratio	Lower	Upper
56	100		
41	58.6	28.7	86.3





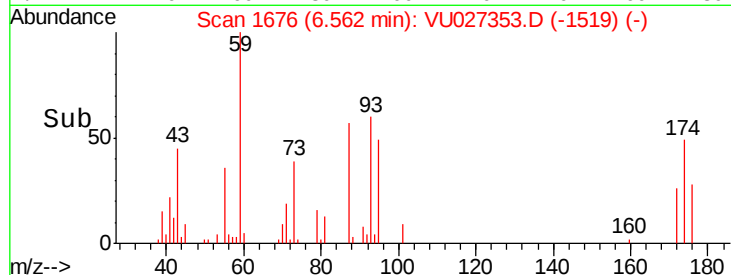
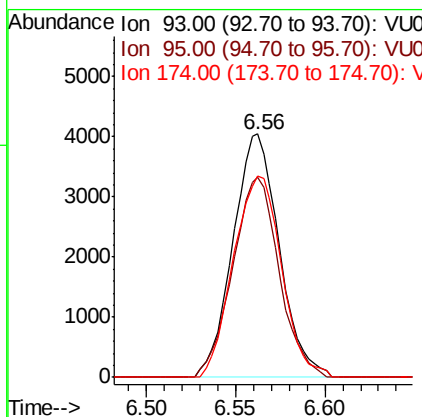
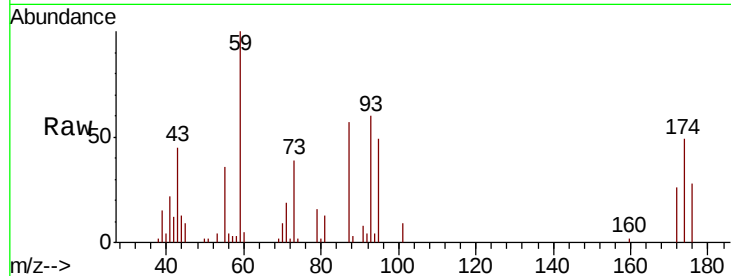
#43
Dibromomethane
Concen: 2.184 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion: 93 Resp: 7288
Ion Ratio Lower Upper
93 100
95 82.5 64.7 97.1
174 86.2 68.2 102.4

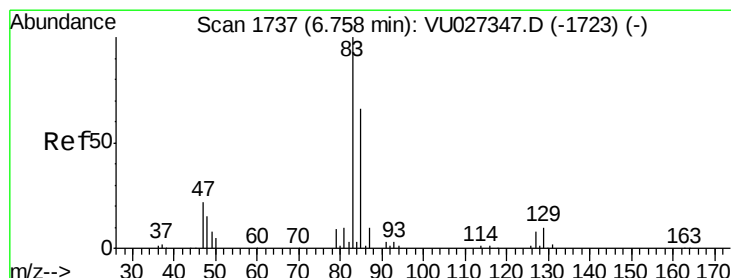
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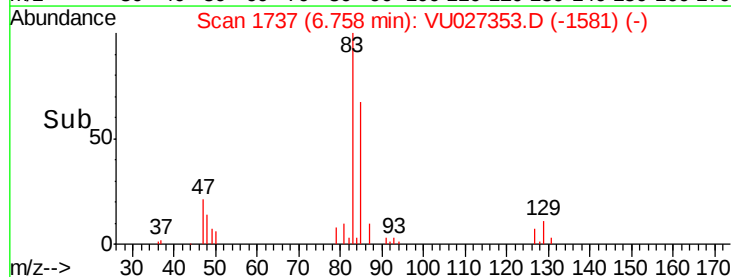
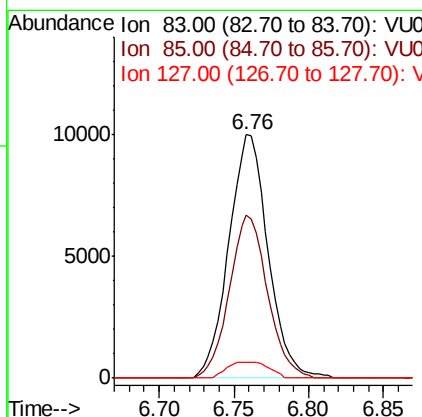
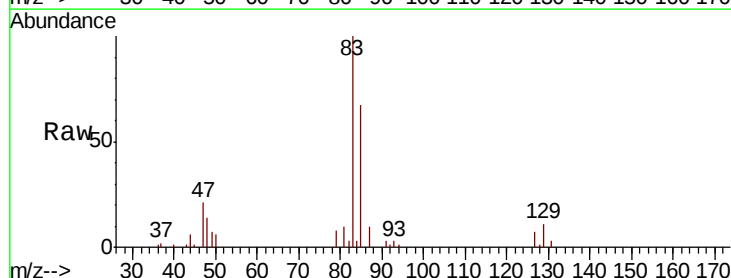
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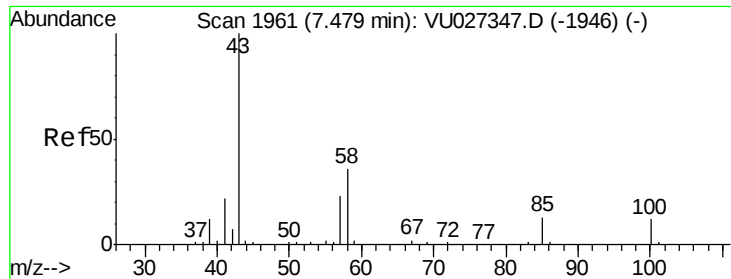
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#44
Bromodichloromethane
Concen: 2.023 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion: 83 Resp: 18321
Ion Ratio Lower Upper
83 100
85 66.9 52.6 79.0
127 6.7 6.2 9.2





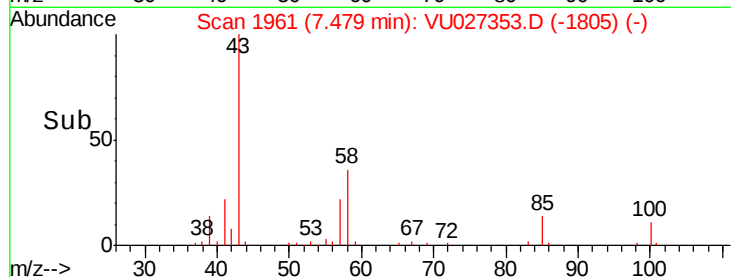
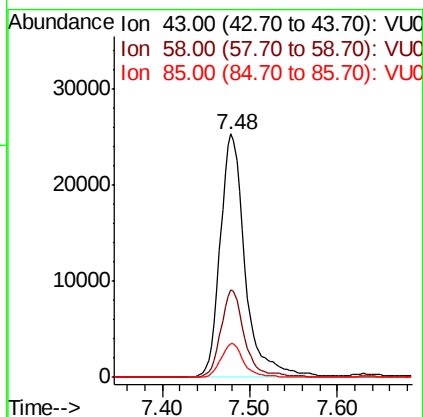
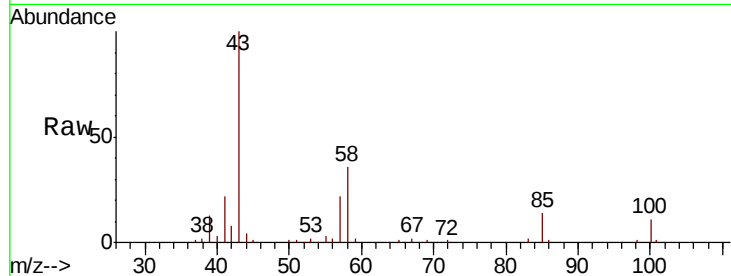
#45
4-Methyl-2-Pentanone
Concen: 9.827 ug/l
RT: 7.48 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	43	Resp	50496
Ion Ratio	Lower	Upper	
43	100		
58	33.8	17.9	53.8
85	12.5	10.6	16.0

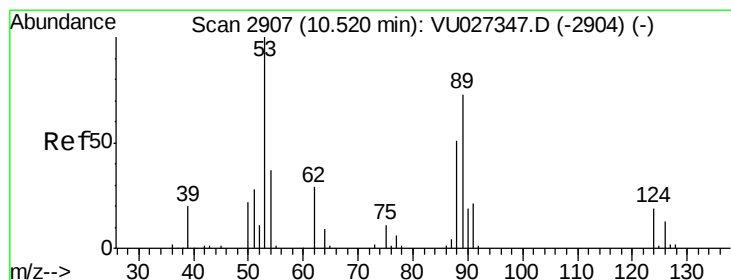
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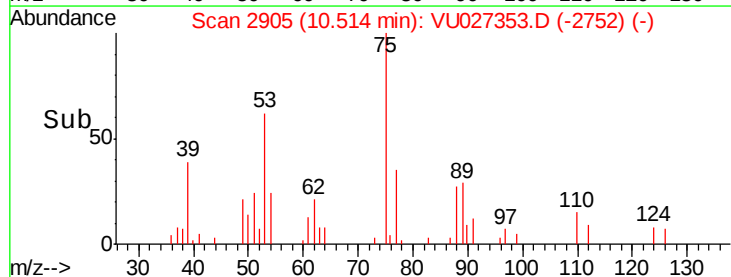
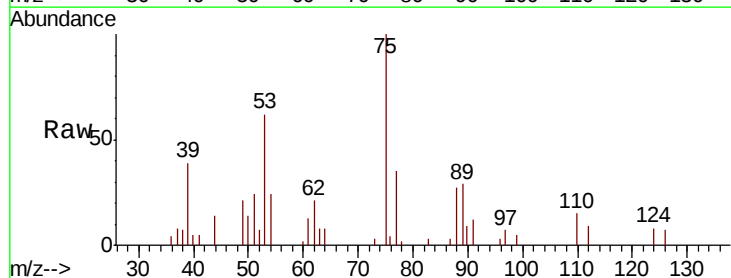
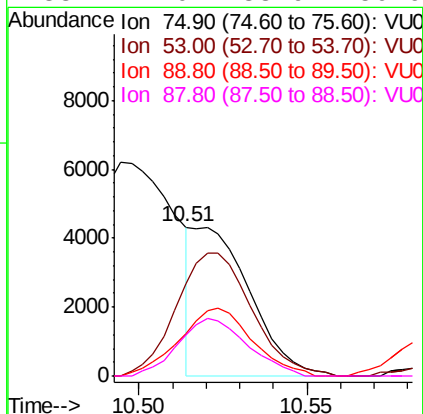
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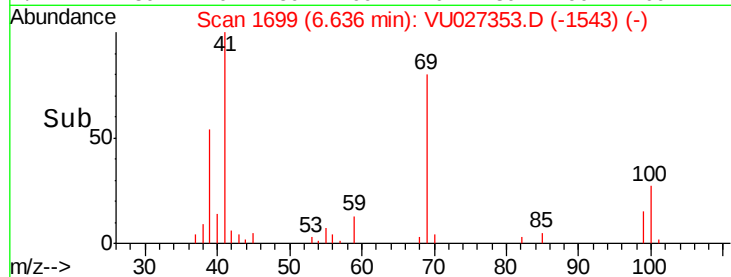
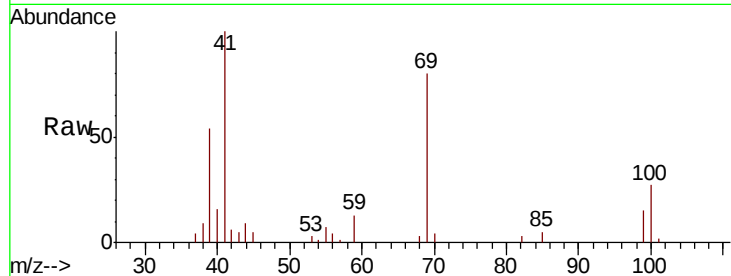
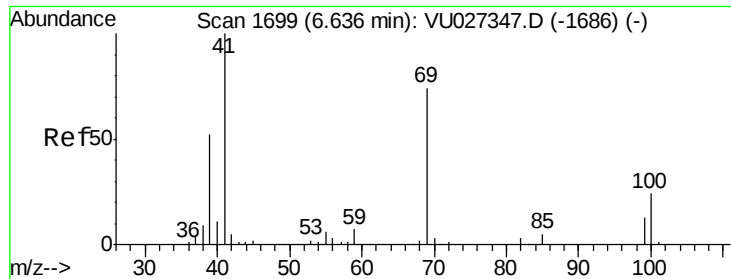
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#46
t-1,4-Dichloro-2-butene
Concen: 3.417 ug/l m
RT: 10.51 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

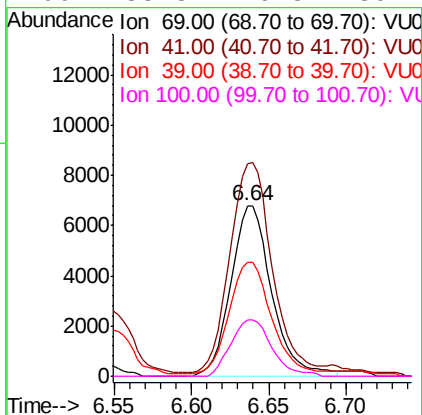
Tgt Ion	75	Resp	5090
Ion Ratio	Lower	Upper	
75	100		
53	109.3	75.7	113.5
89	58.0	42.6	64.0
88	47.0	33.9	50.9





#47
Methyl methacrylate
Concen: 3.704 ug/l
RT: 6.64 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	125.9	0.0	272.2	
39	67.2	56.4	84.6	
100	33.3	26.5	39.7	



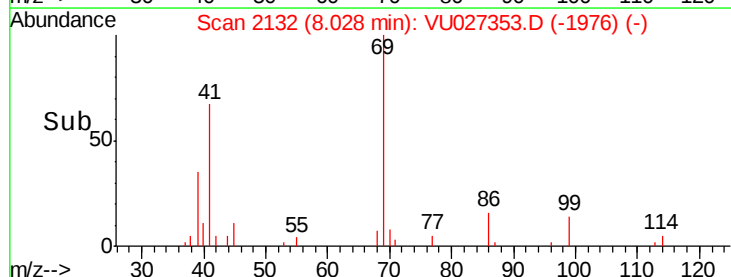
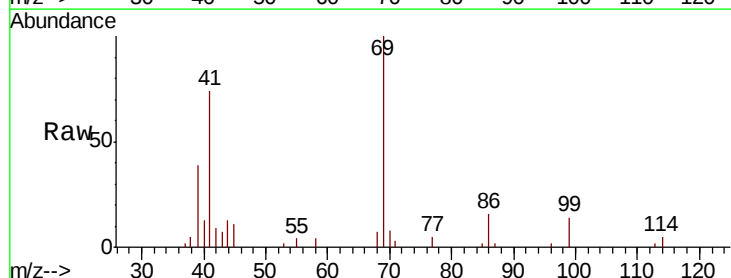
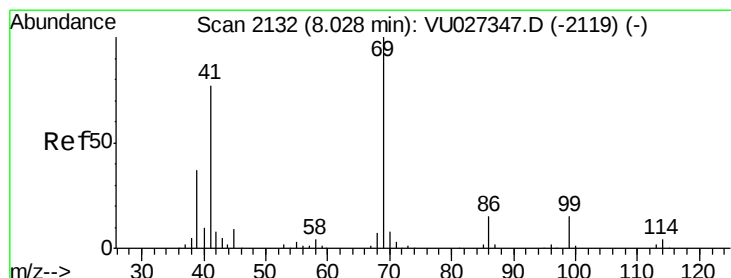
Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

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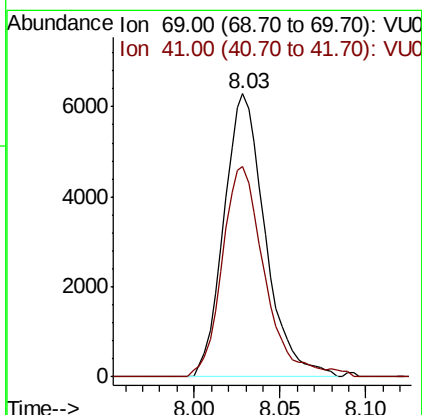
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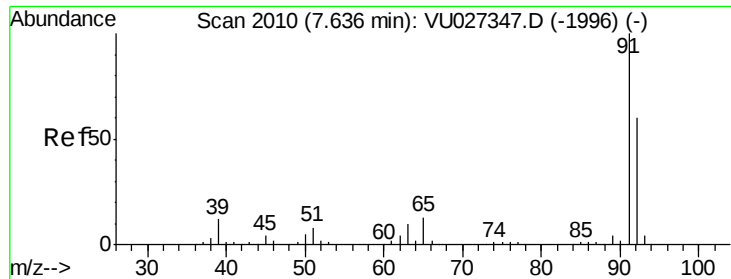
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#48
Ethyl methacrylate
Concen: 1.794 ug/l
RT: 8.03 min Scan# 2132
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	76.7	38.9	116.7	





#49

Toluene

Concen: 1.850 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS01

Tot Ion: 92 Resp: 26834

Ion Ratio Lower Upper

92 100

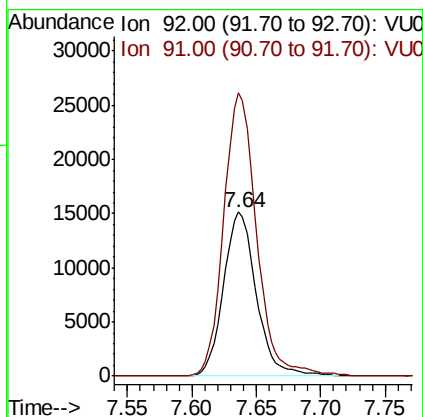
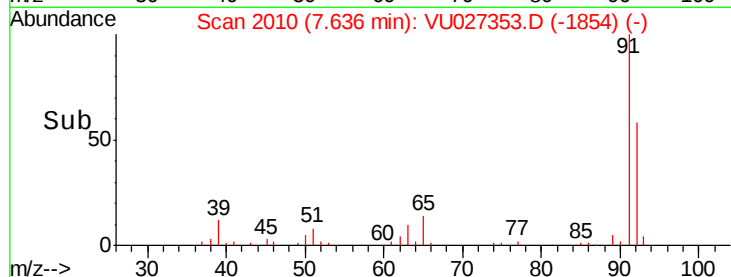
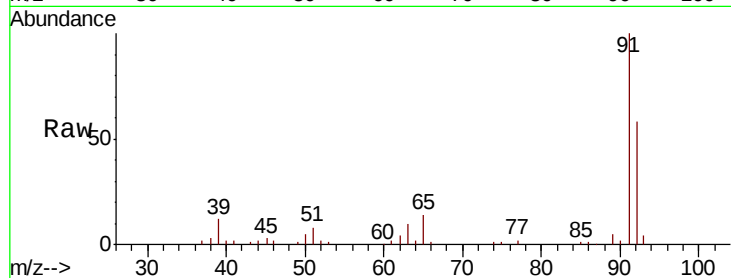
91 173.0 136.4 204.6

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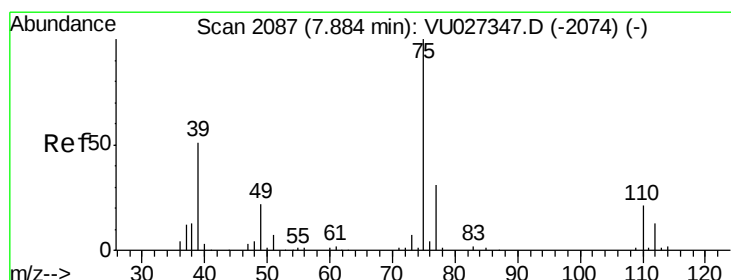
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#50

t-1,3-Dichloropropene

Concen: 2.001 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027353.D

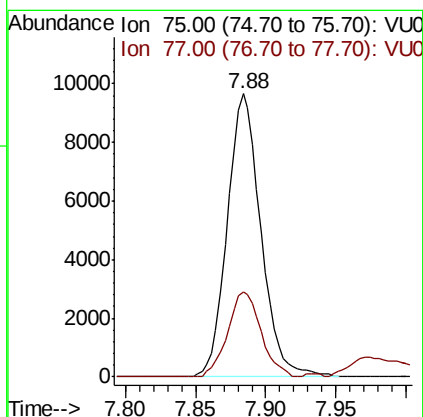
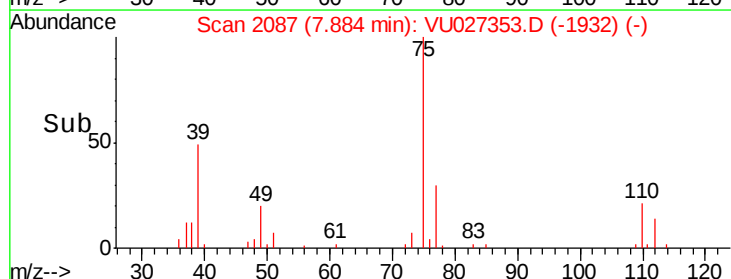
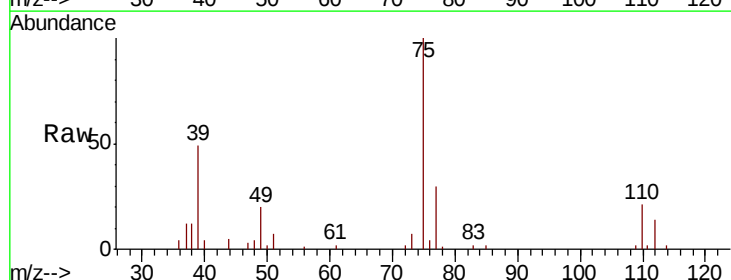
Acq: 02 Oct 2018 20:41

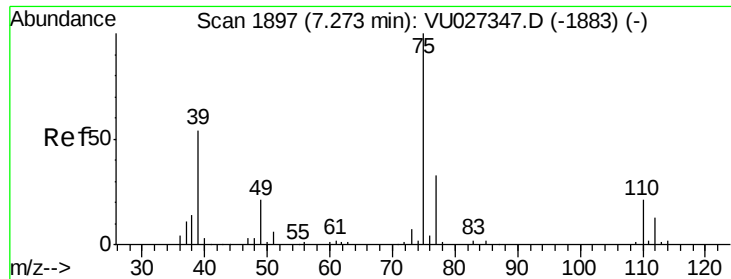
Tgt Ion: 75 Resp: 16091

Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8





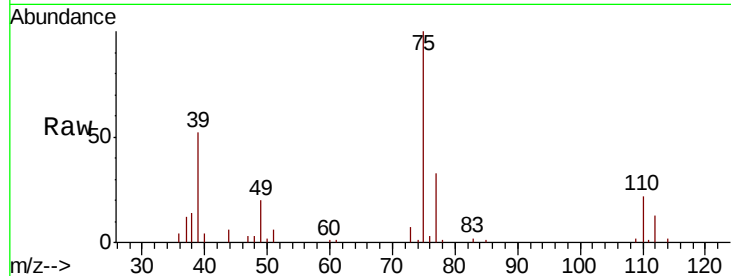
#51
 cis-1,3-Dichloropropene
 Concen: 1.899 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU1003WBS01

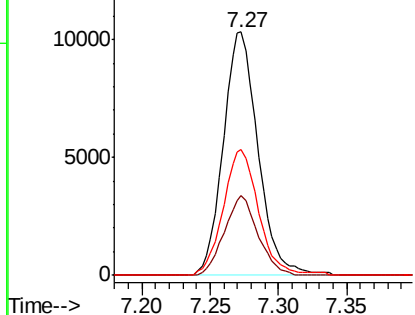
Tot Ion:	75	Resp:	18297
Ion Ratio	Lower	Upper	
75	100		
77	32.5	26.1	39.1
39	51.6	43.1	64.7

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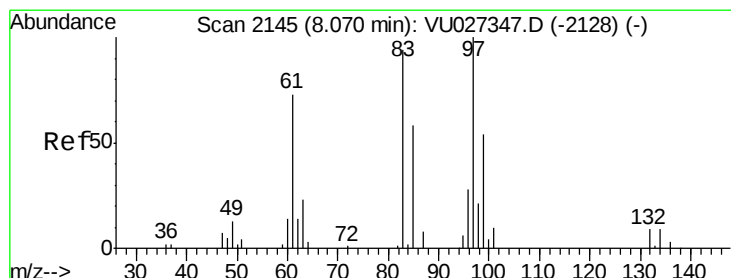
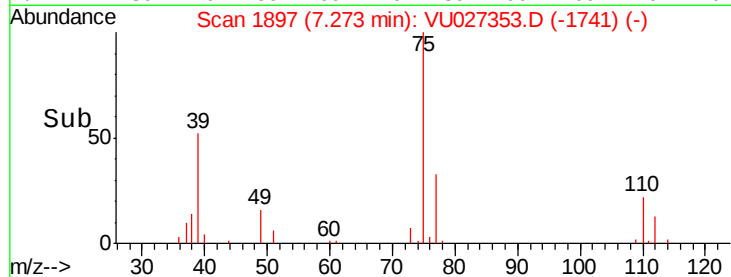


Abundance Ion 75.00 (74.70 to 75.70): VU027347.D (-1883) (-)
 Ion 77.00 (76.70 to 77.70): VU027347.D (-1883) (-)
 Ion 39.00 (38.70 to 39.70): VU027347.D (-1883) (-)



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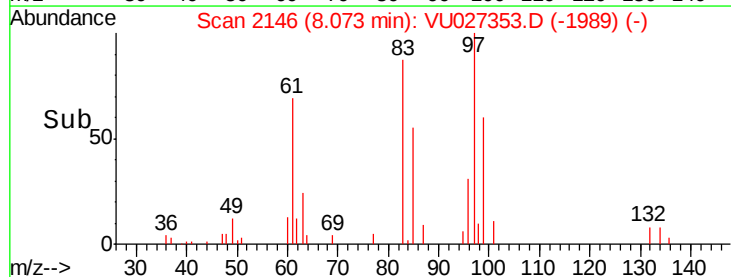
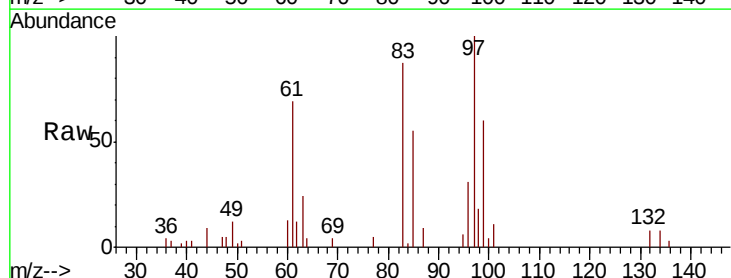
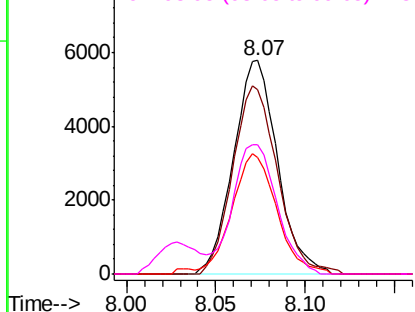
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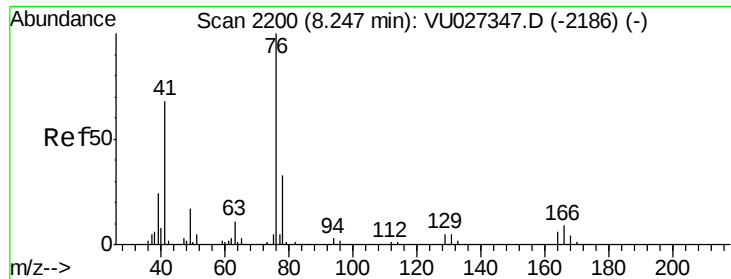


#52
 1,1,2-Trichloroethane
 Concen: 2.109 ug/l
 RT: 8.07 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion:	97	Resp:	9905
Ion Ratio	Lower	Upper	
97	100		
83	86.6	75.3	112.9
85	54.7	47.3	70.9
99	60.3	51.7	77.5

Abundance Ion 97.00 (96.70 to 97.70): VU027347.D (-2128) (-)
 Ion 82.95 (82.65 to 83.65): VU027347.D (-2128) (-)
 Ion 84.95 (84.65 to 85.65): VU027347.D (-2128) (-)
 Ion 98.95 (98.65 to 99.65): VU027347.D (-2128) (-)





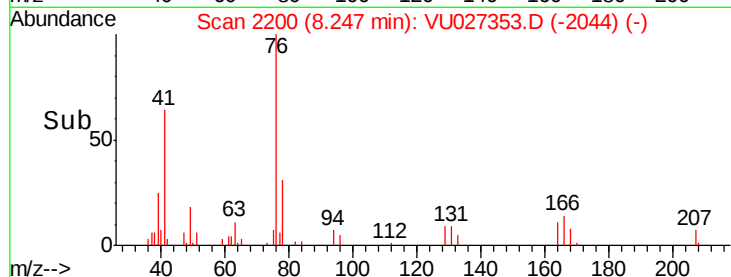
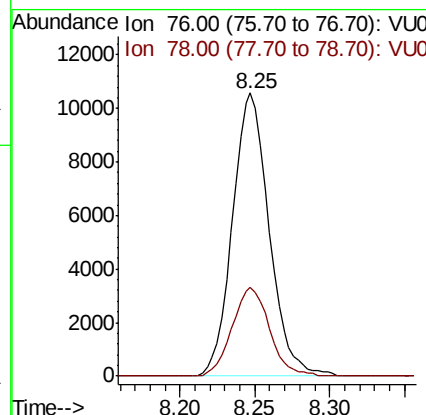
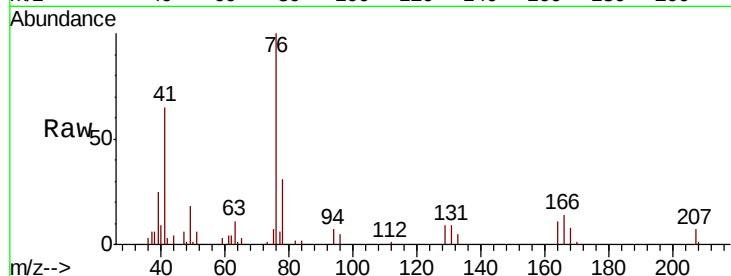
#53
 1,3-Dichloropropane
 Concen: 2.024 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.7	38.5

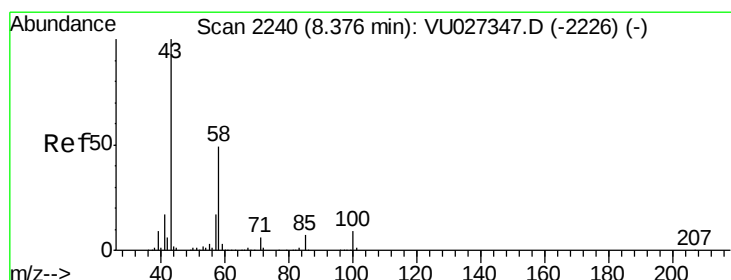
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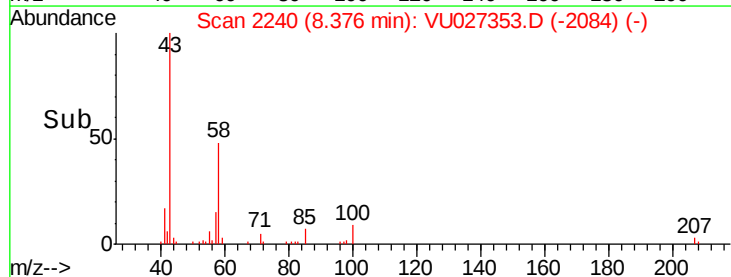
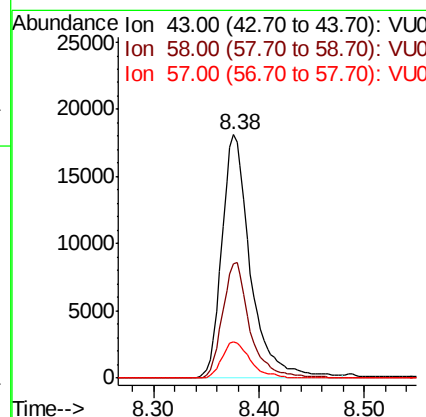
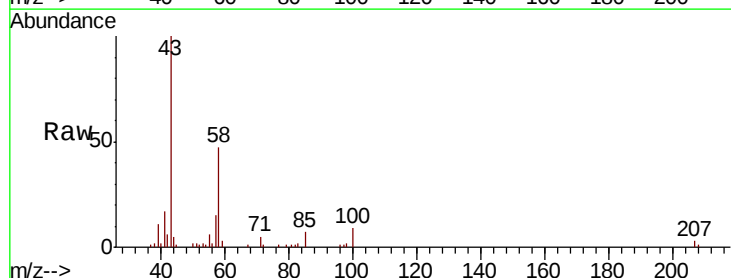
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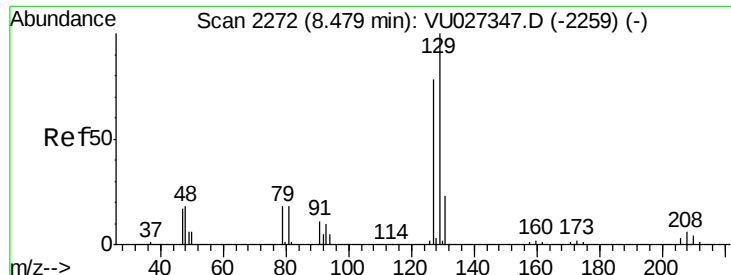
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#54
 2-Hexanone
 Concen: 9.601 ug/l
 RT: 8.38 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.2	29.5	69.5
57	14.6	0.0	37.0





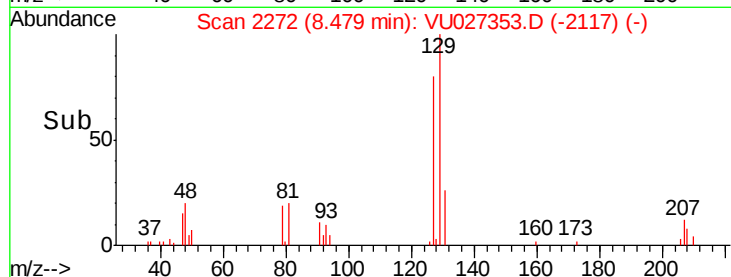
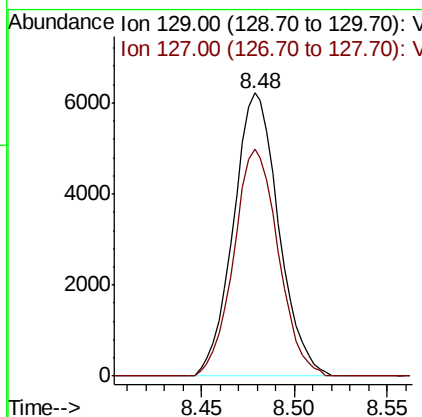
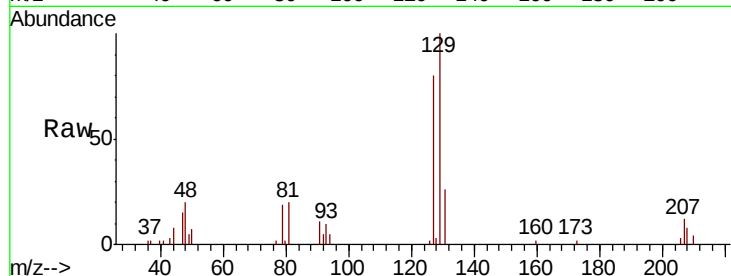
#55
 Dibromochloromethane
 Concen: 2.031 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.8	61.8	92.8

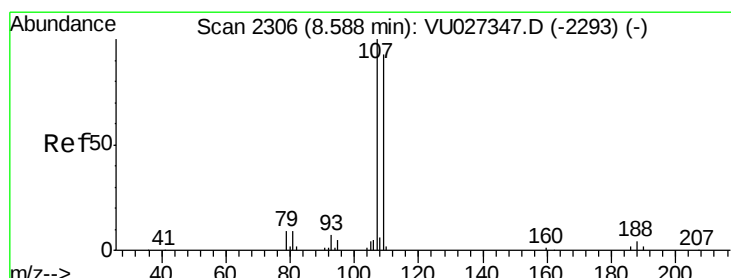
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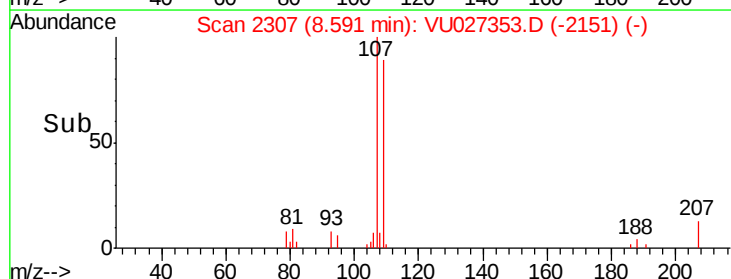
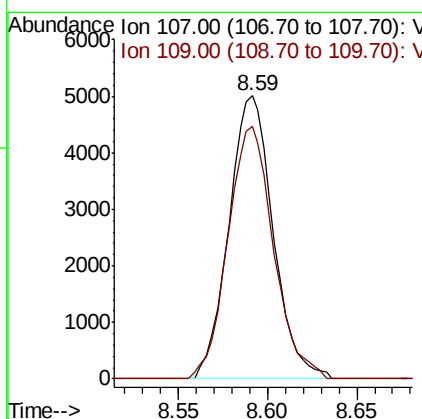
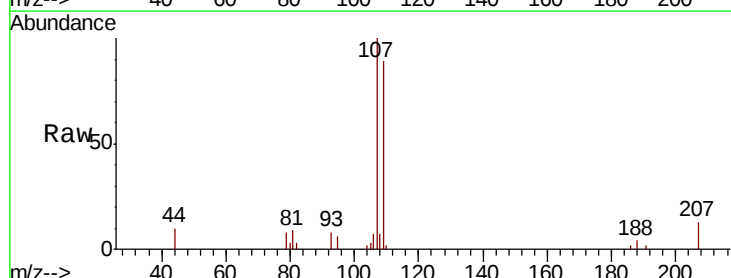
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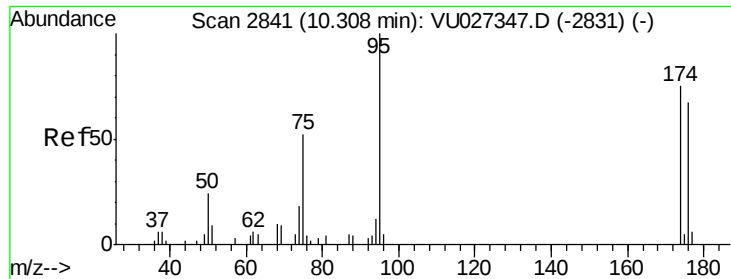
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#56
 1,2-Dibromoethane
 Concen: 2.083 ug/l
 RT: 8.59 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.0	0.0	191.2





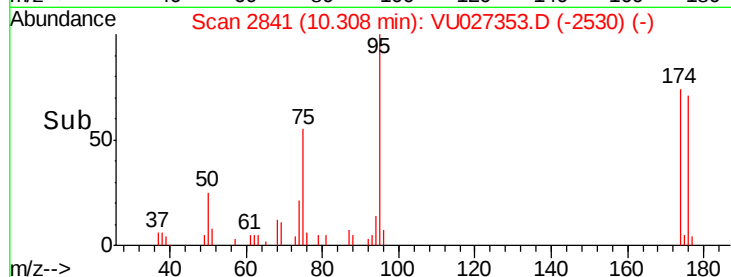
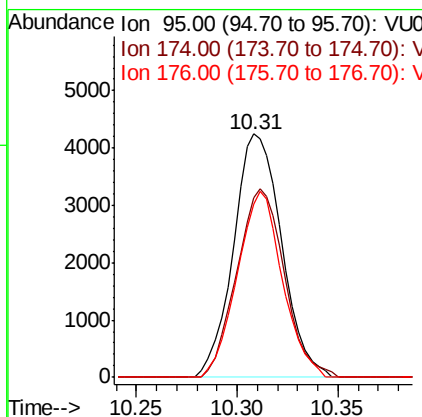
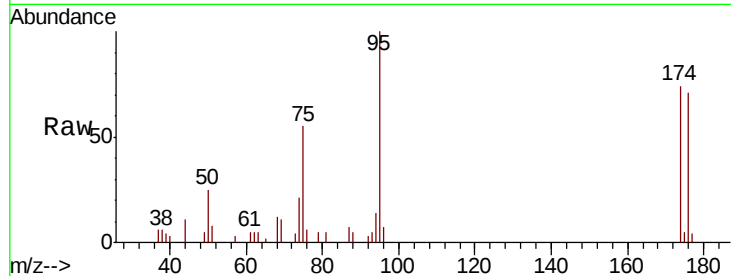
#57
4-Bromofluorobenzene
Concen: 2.083 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion:	95	Resp:	7084
Ion Ratio	Lower	Upper	
95	100		
174	76.8	61.0	91.6
176	71.7	57.2	85.8

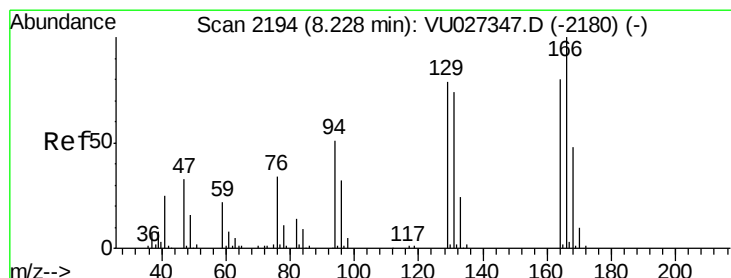
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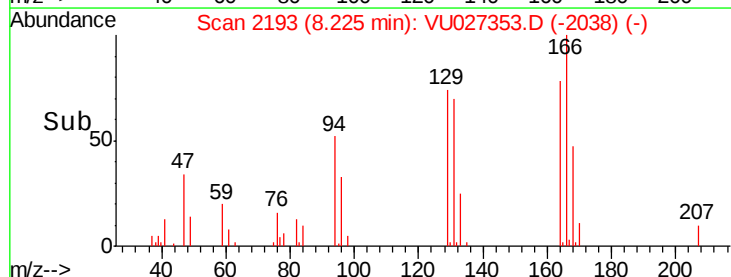
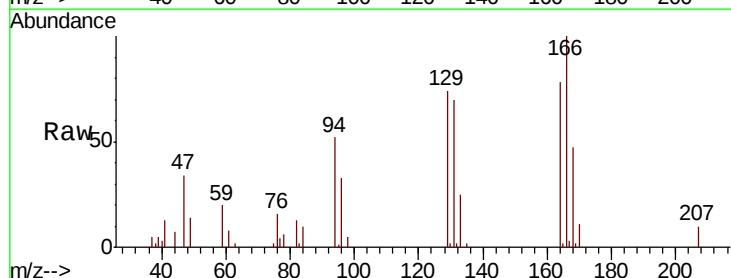
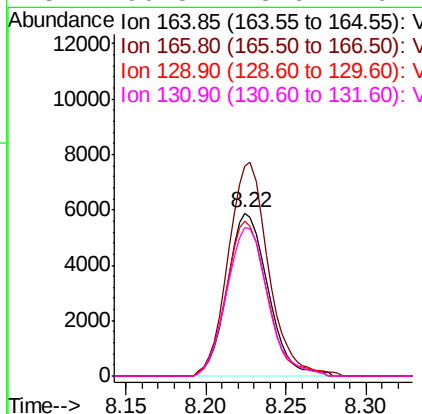
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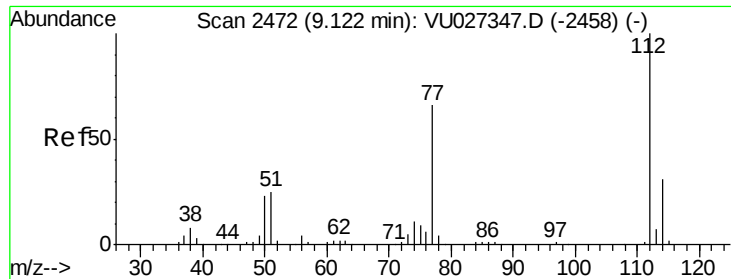
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#58
Tetrachloroethene
Concen: 1.960 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion:	164	Resp:	10233
Ion Ratio	Lower	Upper	
164	100		
166	129.0	99.9	149.9
129	94.8	78.6	117.8
131	90.8	73.6	110.4





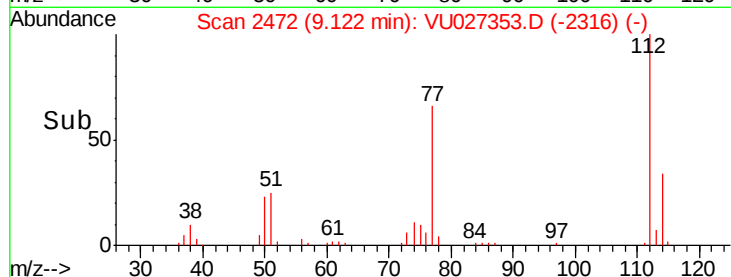
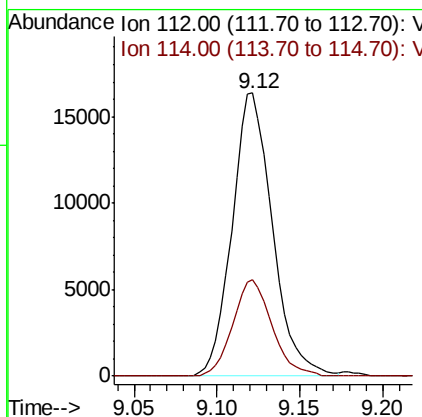
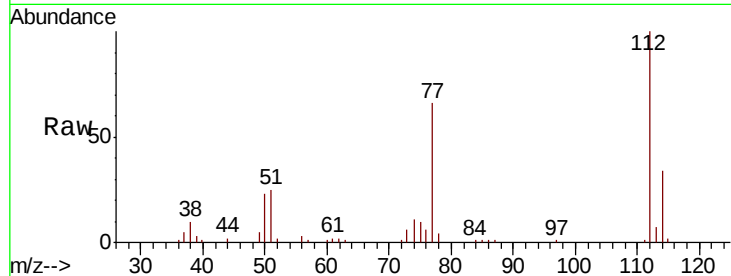
#59
Chlorobenzene
Concen: 1.834 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion:112 Resp: 27741
Ion Ratio Lower Upper
112 100
114 34.2 25.0 37.4

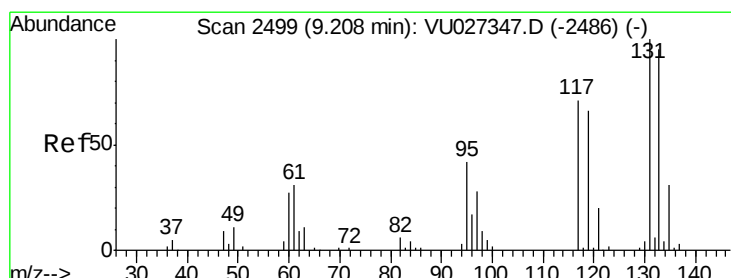
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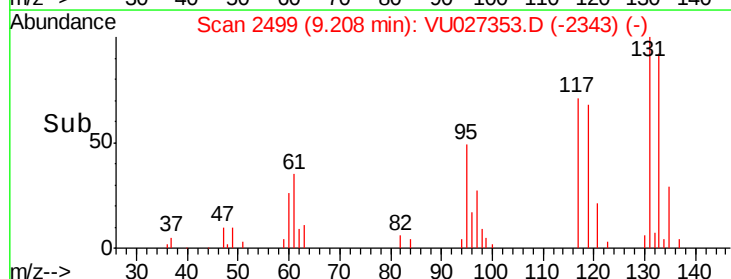
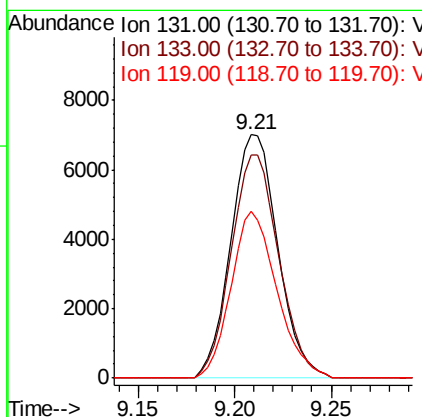
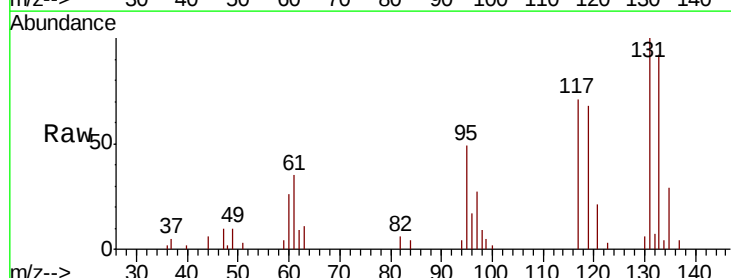
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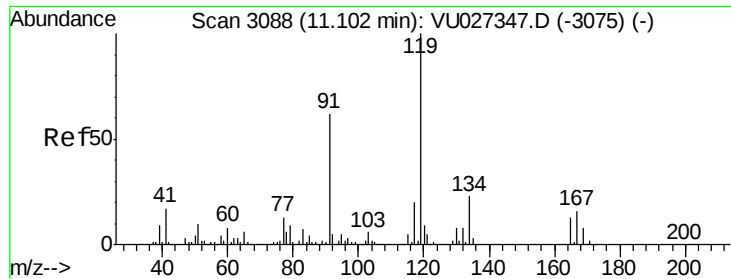
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.033 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion:131 Resp: 11825
Ion Ratio Lower Upper
131 100
133 92.7 77.1 115.7
119 66.7 53.6 80.4





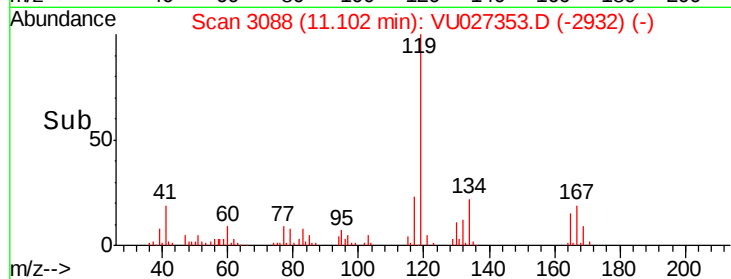
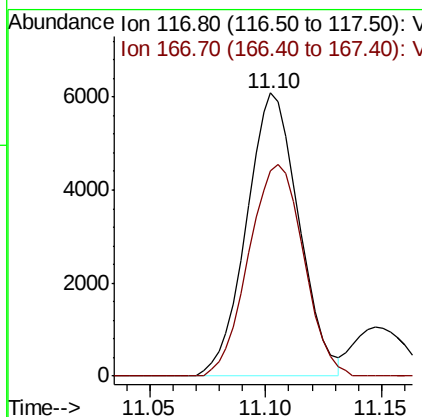
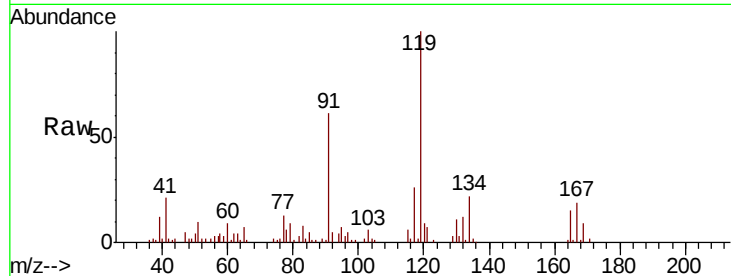
#61
 Pentachloroethane
 Concen: 1.986 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion:117 Resp: 9547
 Ion Ratio Lower Upper
 117 100
 167 78.4 62.6 93.8

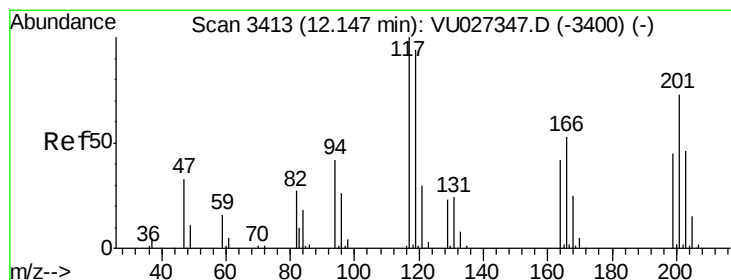
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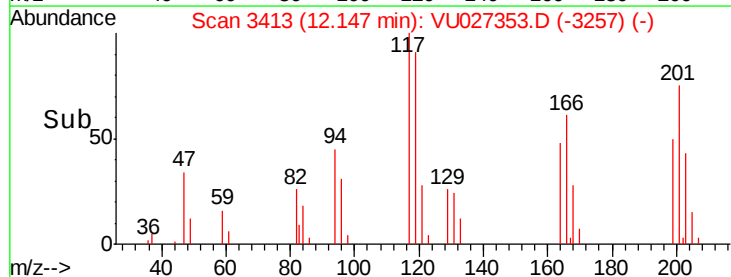
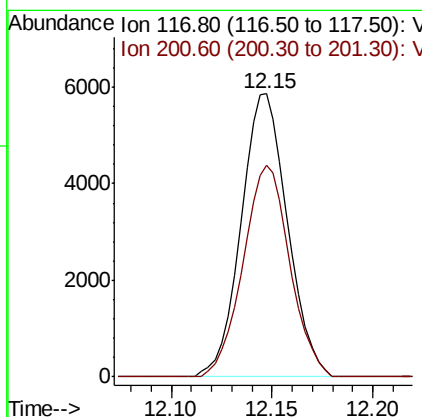
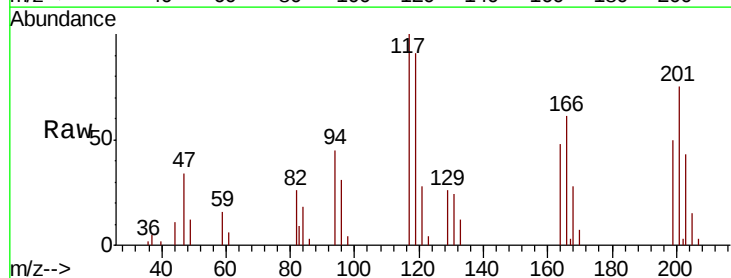
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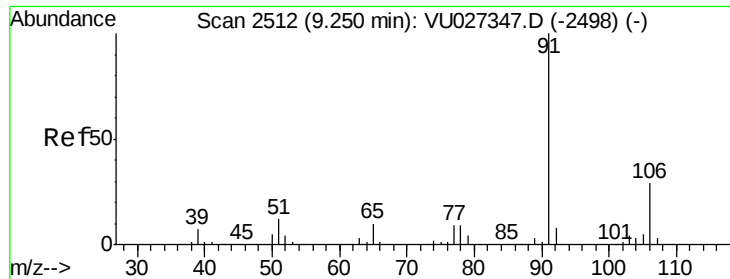
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#62
 Hexachloroethane
 Concen: 2.053 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion:117 Resp: 9412
 Ion Ratio Lower Upper
 117 100
 201 75.2 59.3 88.9





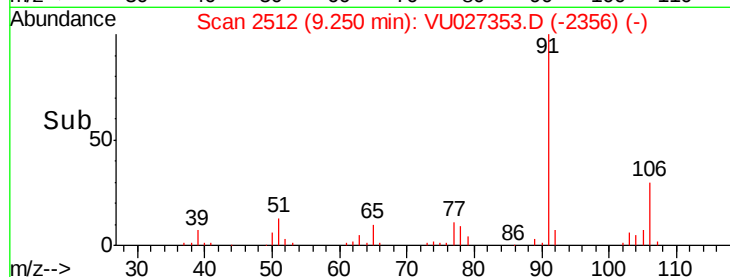
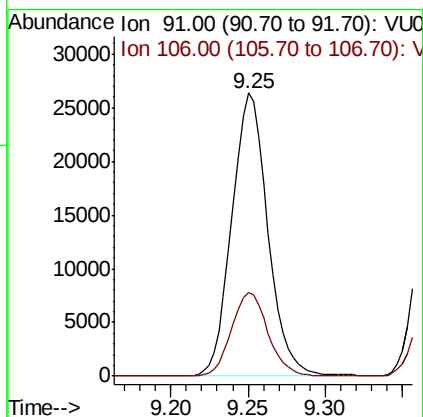
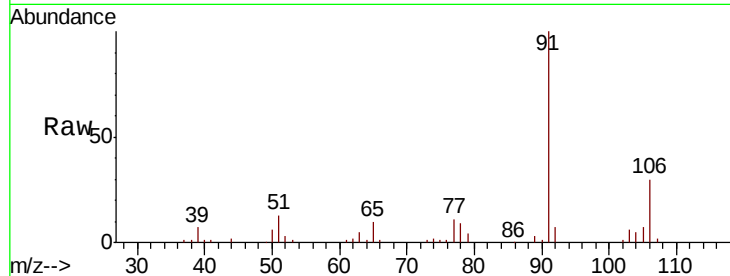
#63
Ethyl Benzene
Concen: 1.643 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion: 91 Resp: 42674
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4

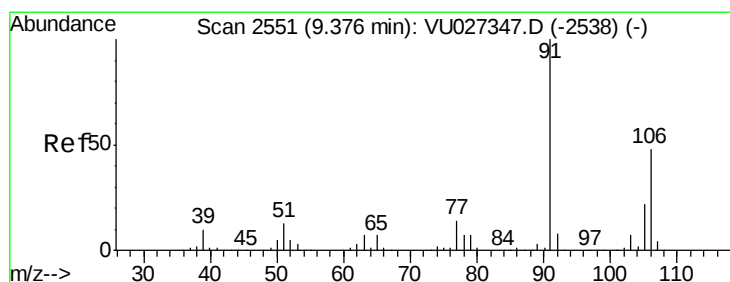
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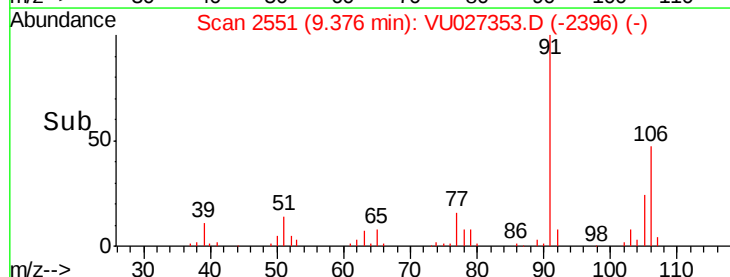
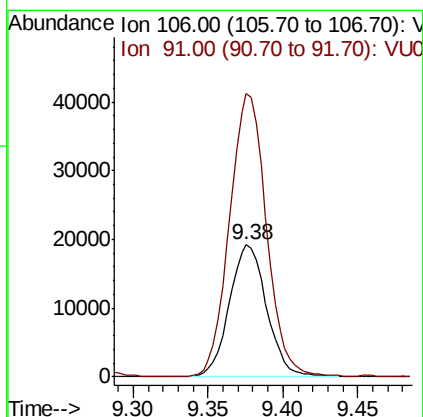
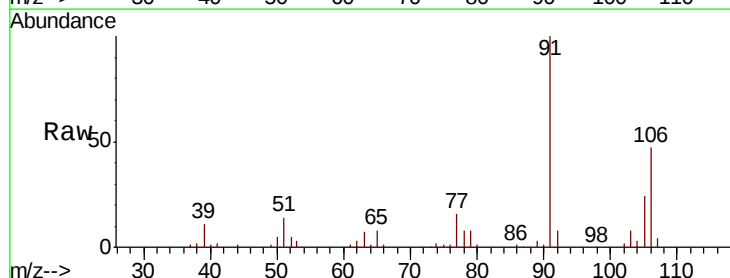
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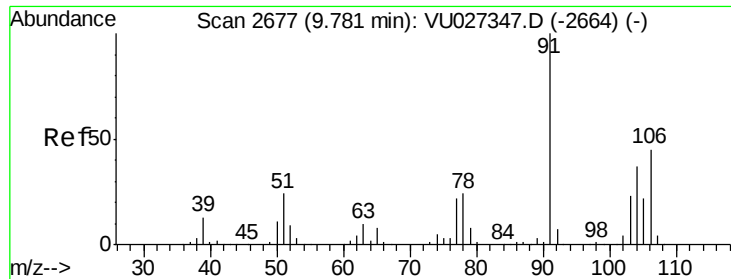
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#64
m/p-Xylenes
Concen: 3.421 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion: 106 Resp: 33308
Ion Ratio Lower Upper
106 100
91 213.0 169.8 254.8





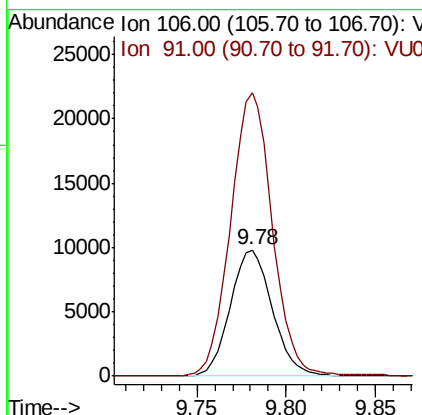
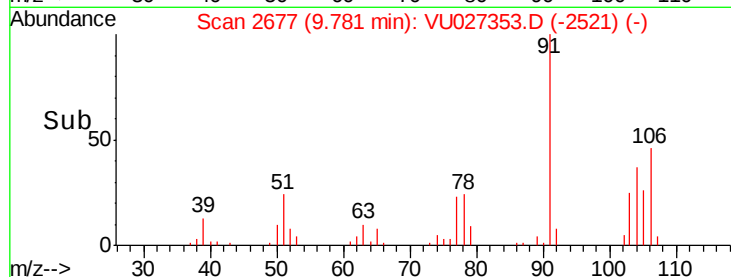
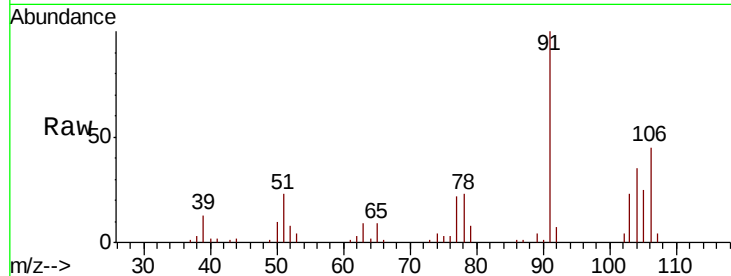
#65
o-Xylene
Concen: 1.743 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion:106 Resp: 16113
Ion Ratio Lower Upper
106 100
91 222.8 111.1 333.2

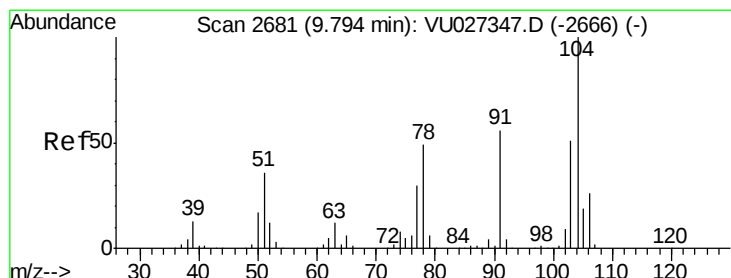
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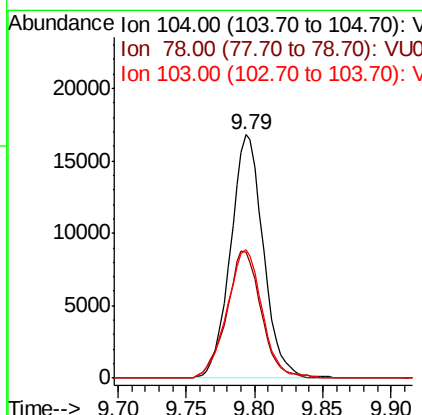
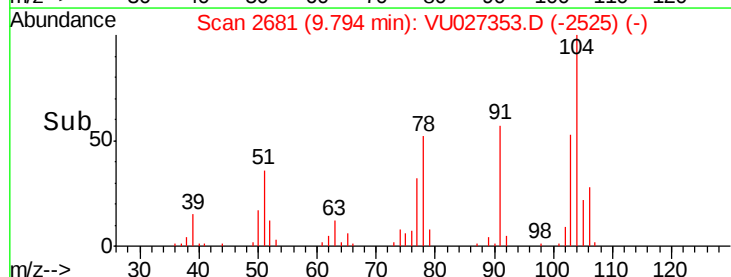
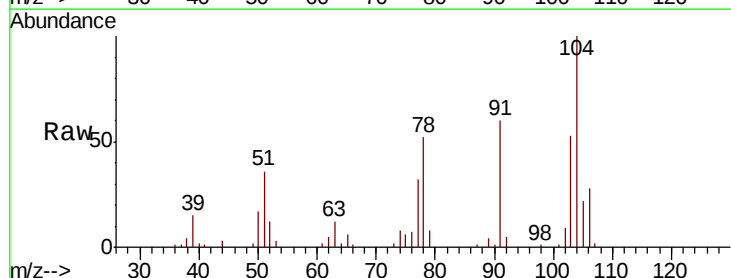
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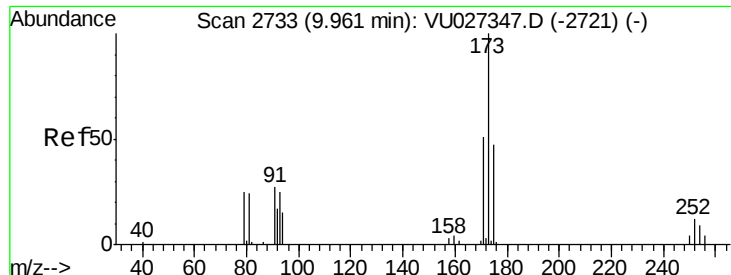
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#66
Styrene
Concen: 1.733 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion:104 Resp: 28115
Ion Ratio Lower Upper
104 100
78 54.4 43.1 64.7
103 56.4 43.8 65.8





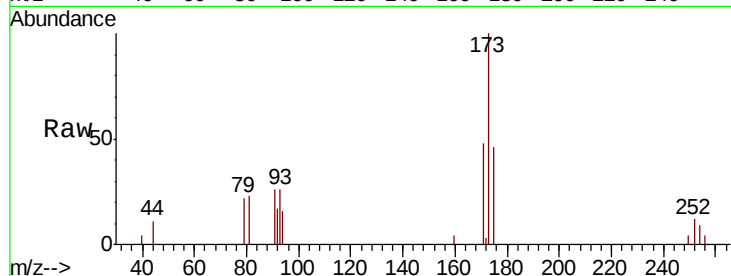
#67
Bromoform
Concen: 2.082 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.2	57.4
254	9.5	7.7	11.5

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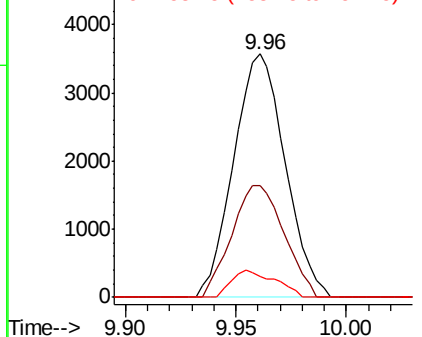


Abundance

Ion 172.90 (172.60 to 173.60): V

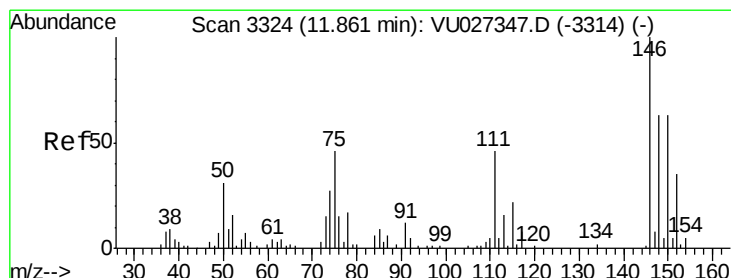
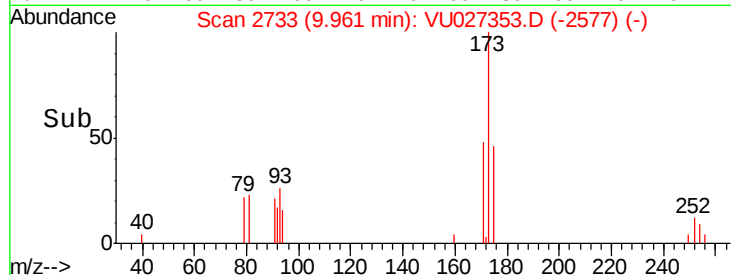
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



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#68
1,2-Dichlorobenzene-d4
Concen: 2.082 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

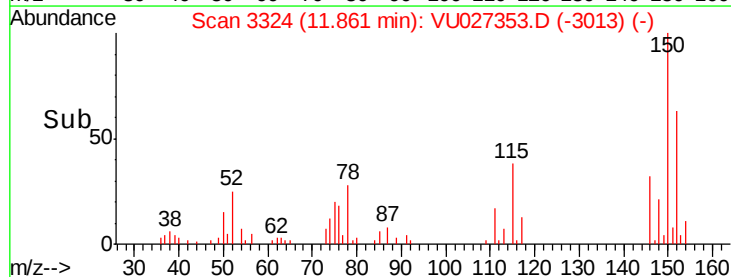
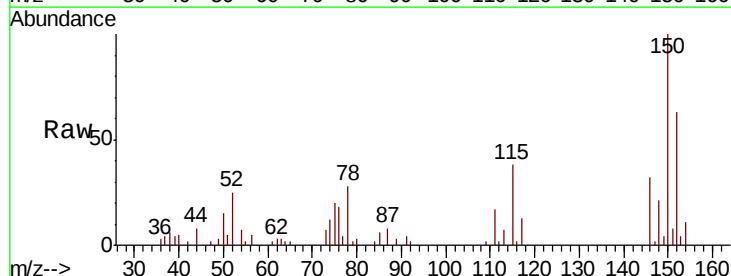
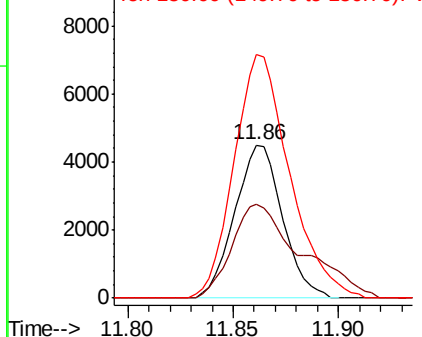
Tgt Ion	Ratio	Lower	Upper
152	100		
115	89.2	0.0	131.6
150	185.8	0.0	0.0#

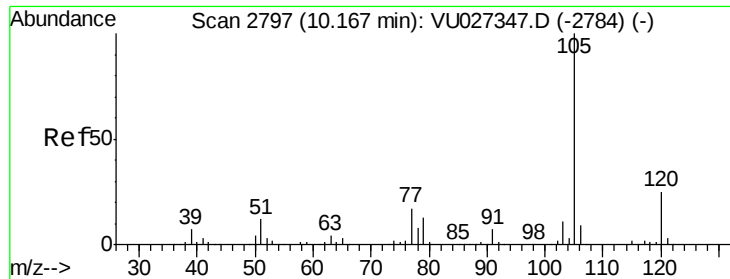
Abundance

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





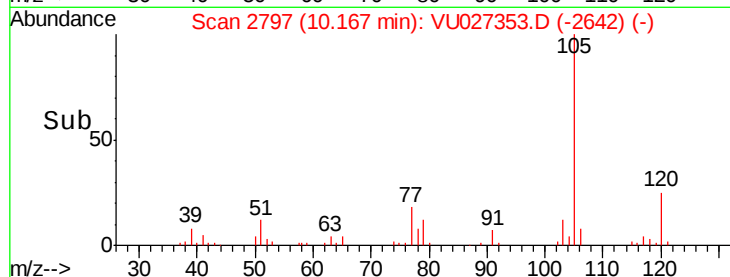
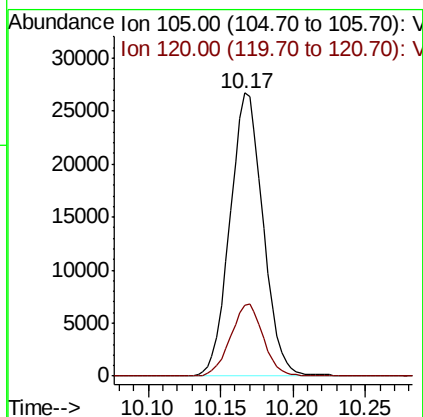
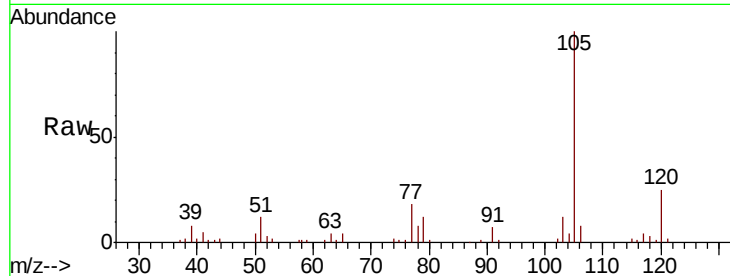
#69
Isopropylbenzene
Concen: 1.734 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion: 105 Resp: 42259
Ion Ratio Lower Upper
105 100
120 25.0 12.7 38.1

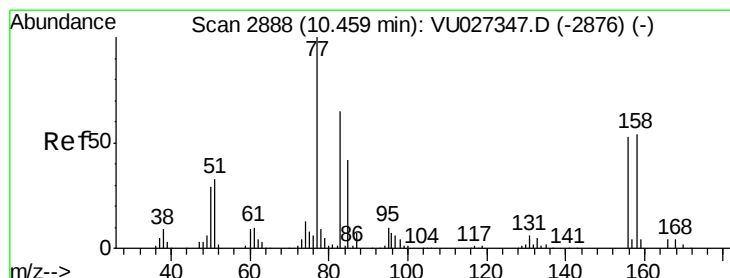
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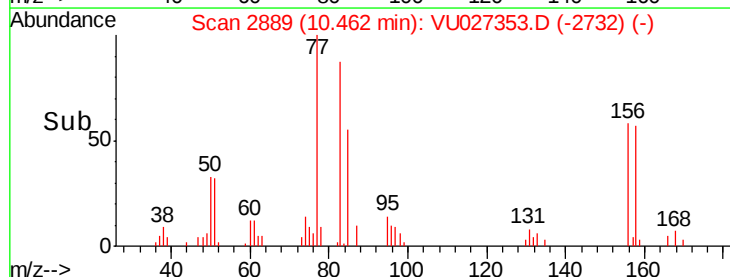
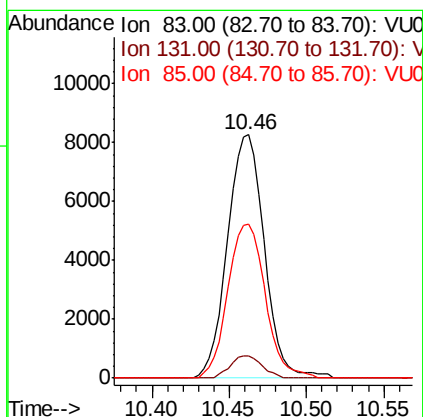
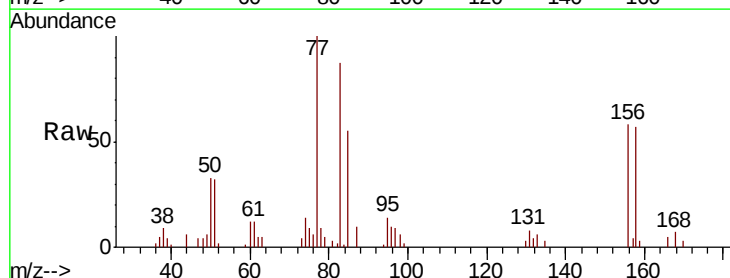
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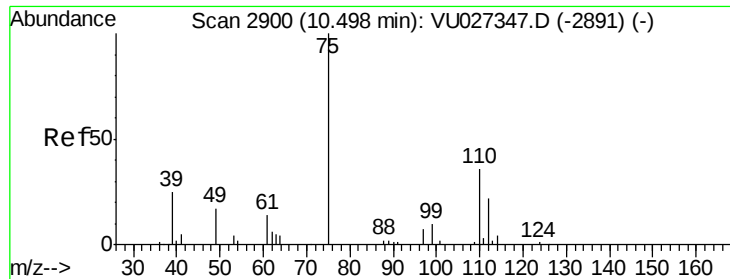
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#70
1,1,2,2-Tetrachloroethane
Concen: 2.158 ug/l
RT: 10.46 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion: 83 Resp: 13690
Ion Ratio Lower Upper
83 100
131 7.7 7.0 10.6
85 64.3 51.4 77.0





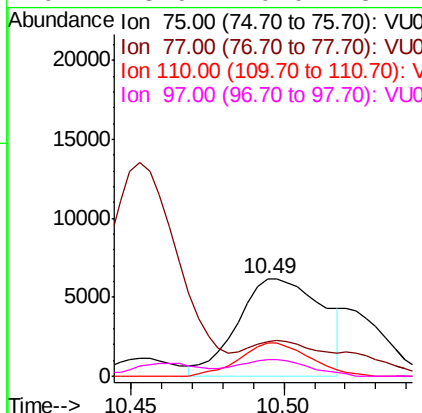
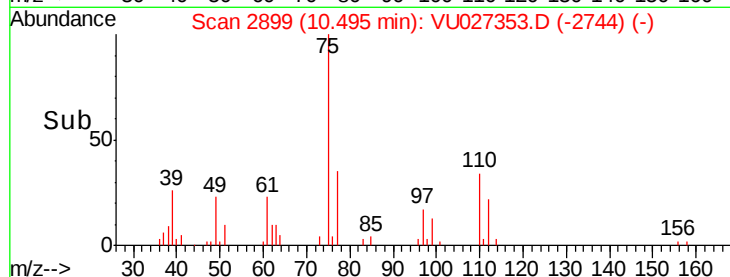
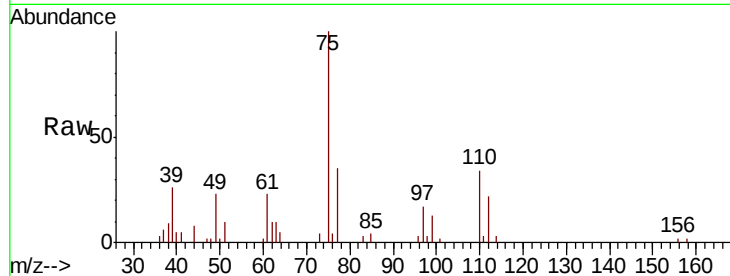
#71
1,2,3-Trichloropropane
Concen: 2.440 ug/l m
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	43.3	0.0	16.6	#
110	28.2	0.0	65.4	
97	13.9	0.0	31.4	

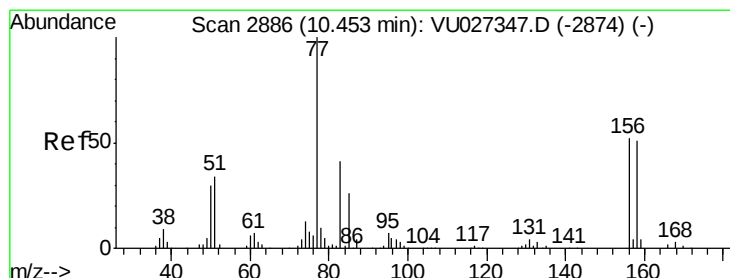
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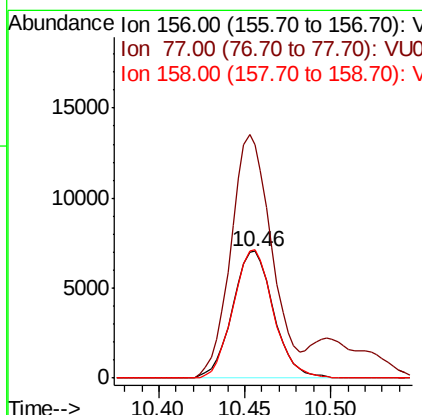
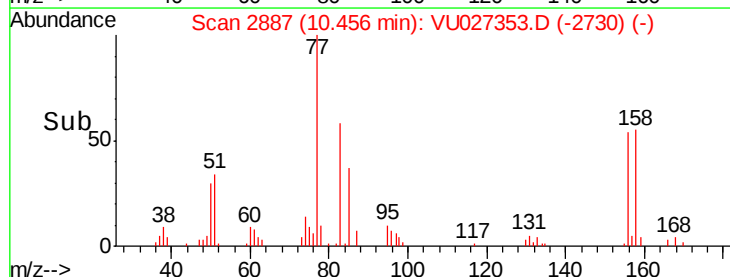
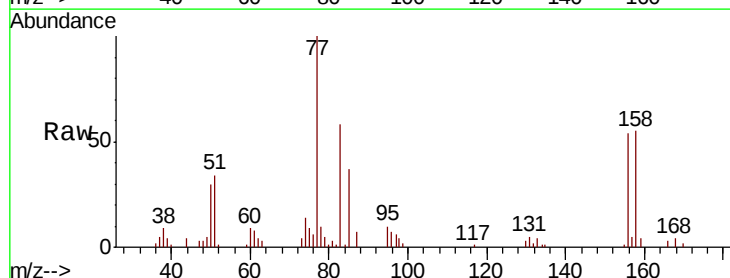
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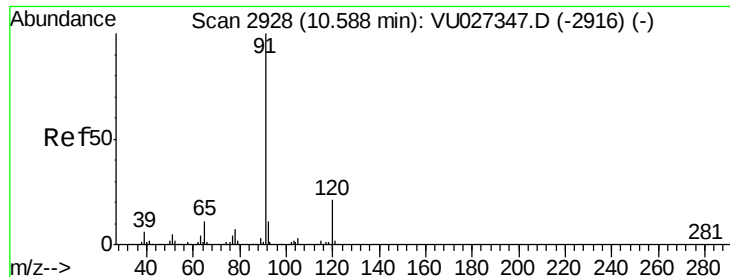
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#72
Bromobenzene
Concen: 1.996 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	190.1	0.0	387.6	
158	99.3	0.0	196.2	





#73

n-propylbenzene

Concen: 1.784 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS01

Tot Ion:120 Resp: 11705

Ion Ratio Lower Upper

120 100

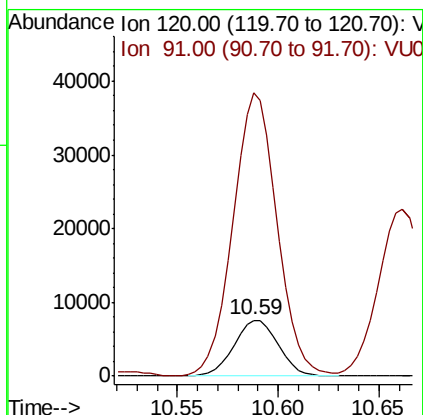
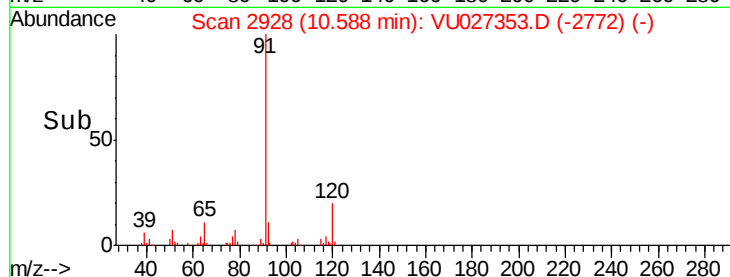
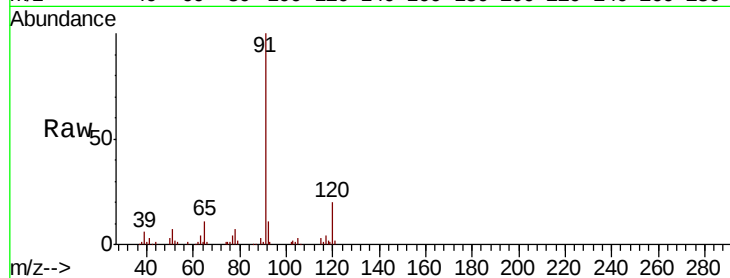
91 503.5 381.4 572.0

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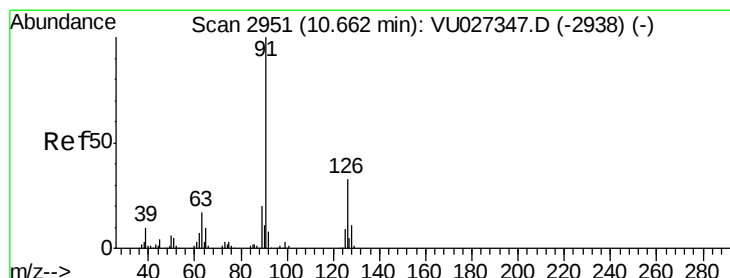
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#74

2-Chlorotoluene

Concen: 1.842 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027353.D

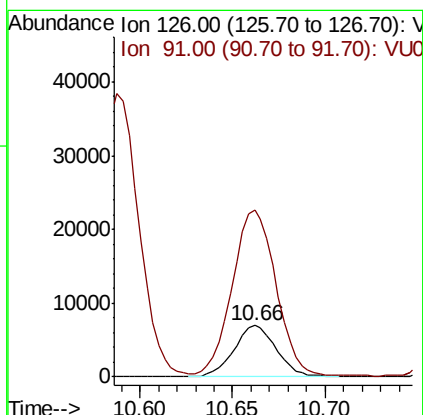
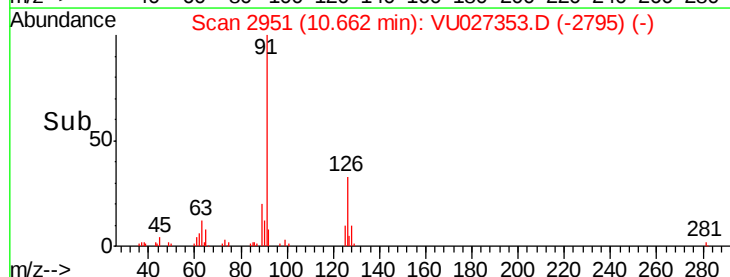
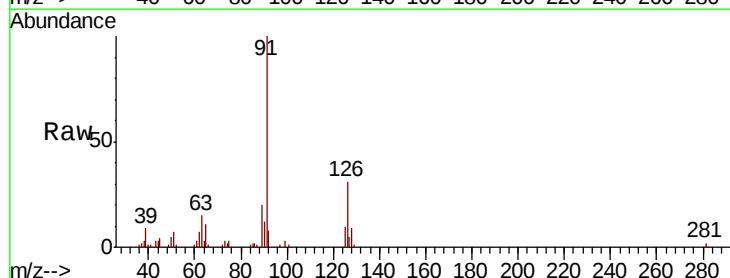
Acq: 02 Oct 2018 20:41

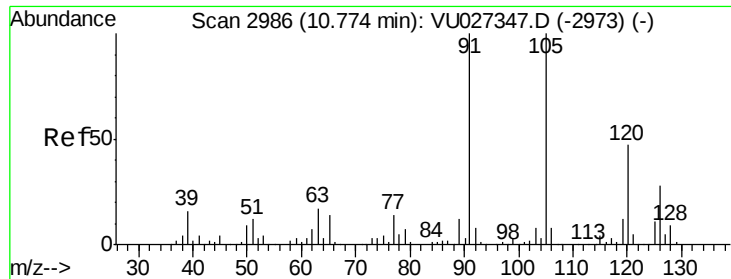
Tgt Ion:126 Resp: 11051

Ion Ratio Lower Upper

126 100

91 340.5 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 1.863 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS01

Tot Ion:105 Resp: 40399

Ion Ratio Lower Upper

105 100

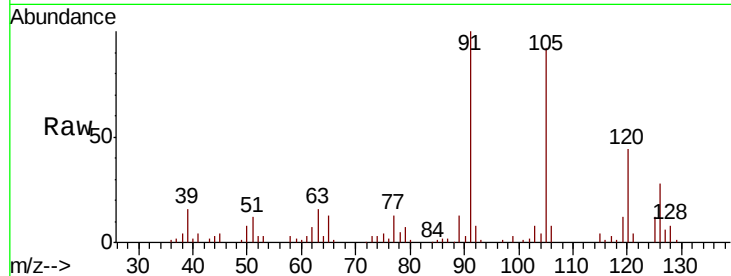
120 48.6 37.8 56.8

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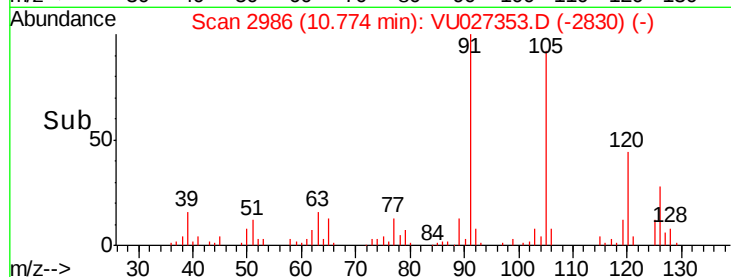
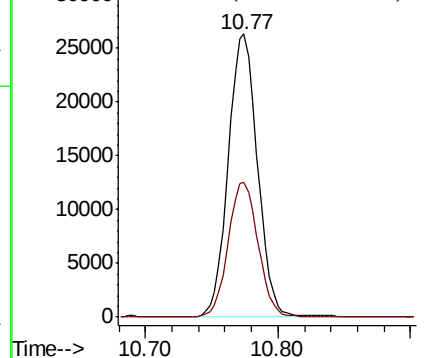
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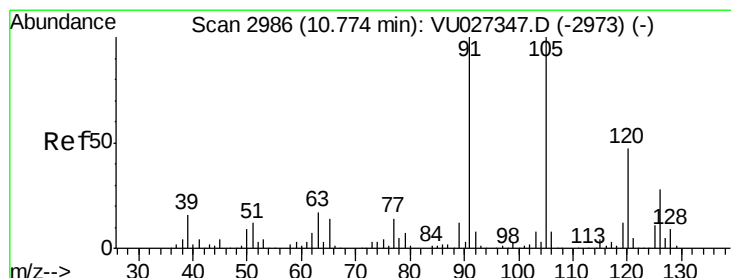
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



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#76

4-Chlorotoluene

Concen: 1.985 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027353.D

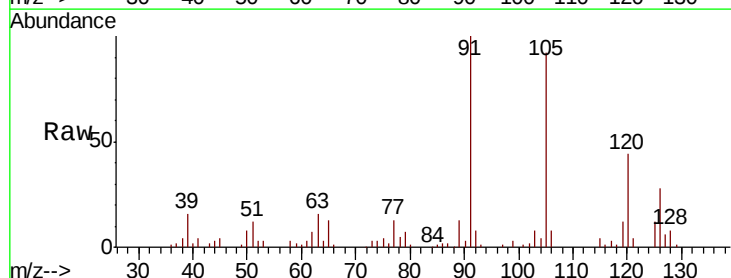
Acq: 02 Oct 2018 20:41

Tgt Ion:126 Resp: 12217

Ion Ratio Lower Upper

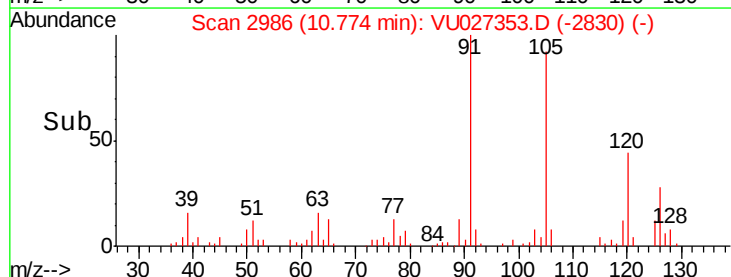
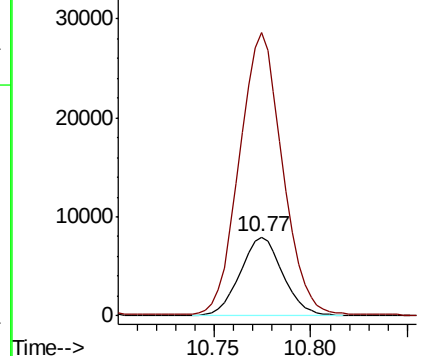
126 100

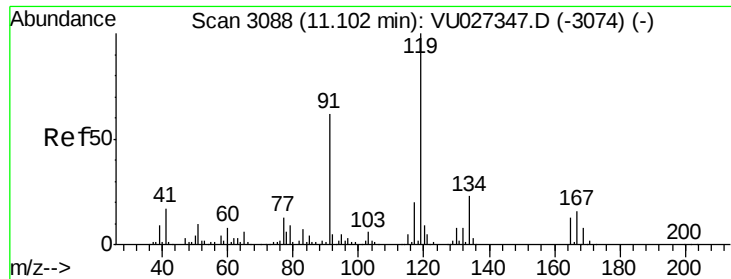
91 367.0 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.799 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

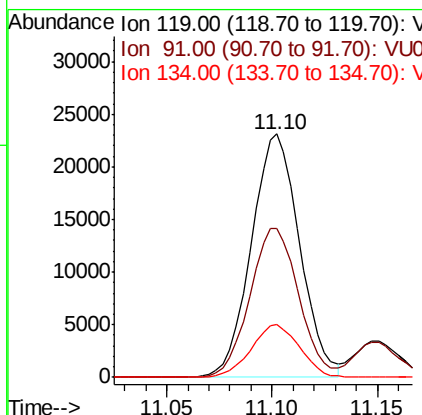
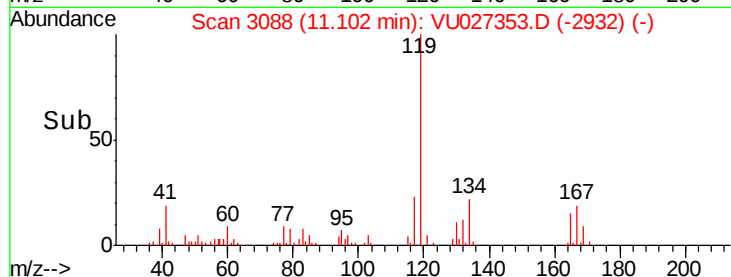
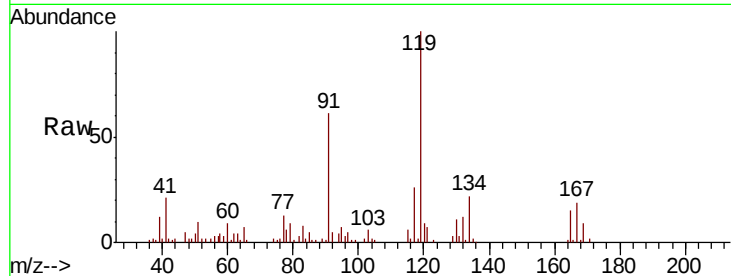
ClientSampled :

VU1003WBS01

Tot Ion:	119	Resp:	36822
Ion Ratio	Lower	Upper	
119	100		
91	62.0	31.4	94.3
134	21.7	18.7	28.1

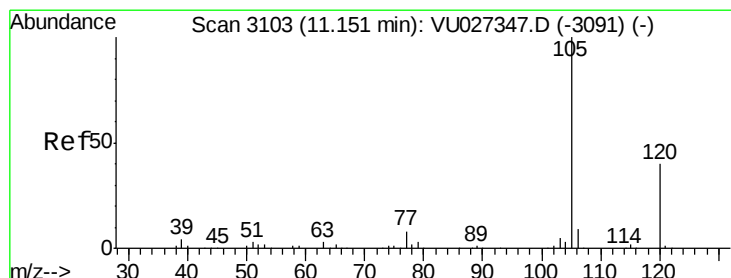
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#78

1,2,4-Trimethylbenzene

Concen: 1.863 ug/l

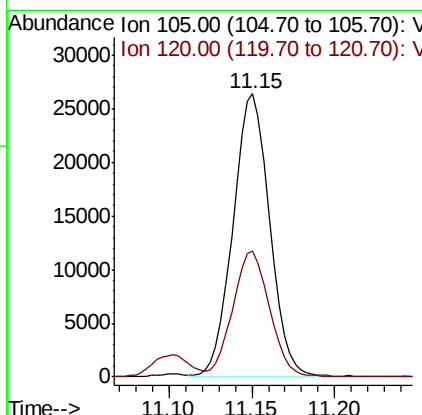
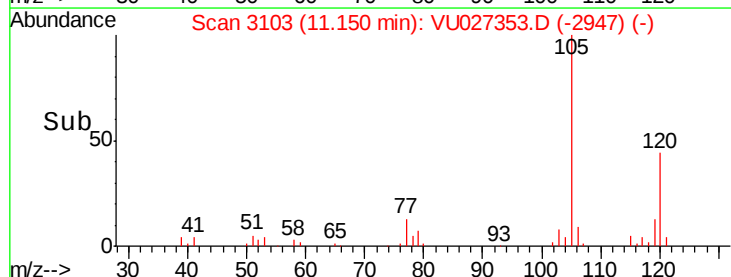
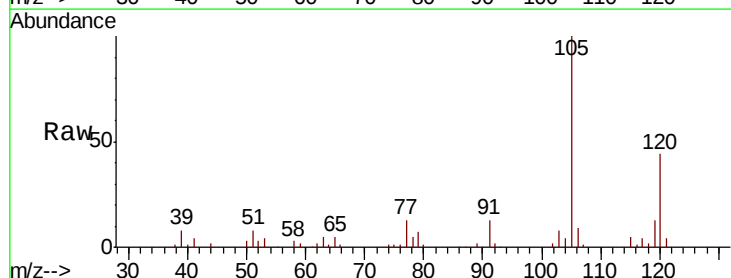
RT: 11.15 min Scan# 3103

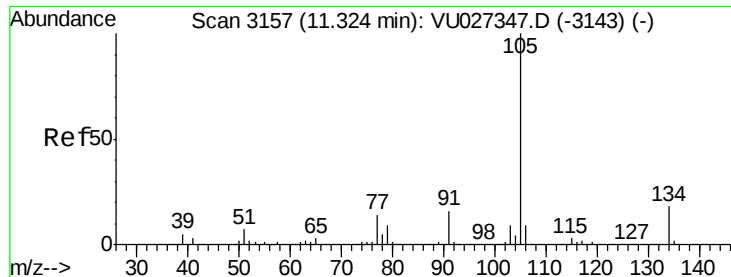
Delta R.T. 0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Tgt Ion:	105	Resp:	40614
Ion Ratio	Lower	Upper	
105	100		
120	44.5	21.9	65.7





#79

sec-Butylbenzene

Concen: 1.846 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

Instrument :

MSVOA_U

ClientSampled :

VU1003WBS01

Tot Ion: 105 Resp: 51855

Ion Ratio Lower Upper

105 100

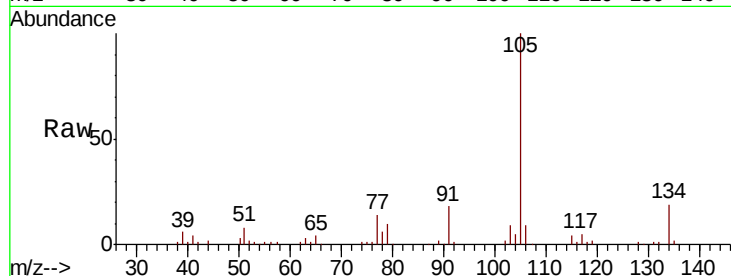
134 18.5 14.8 22.2

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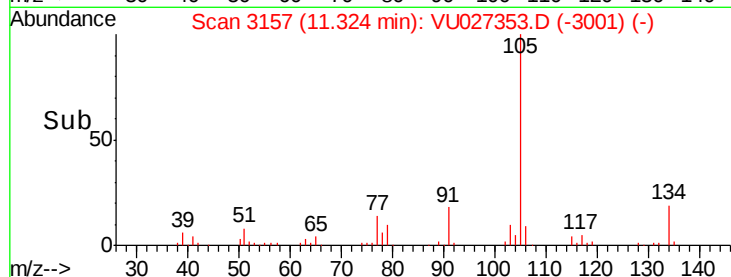
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

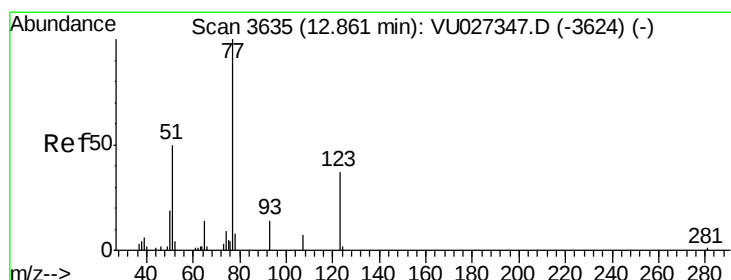
11.32



Time-->

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#80

Nitrobenzene

Concen: 10.755 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027353.D

Acq: 02 Oct 2018 20:41

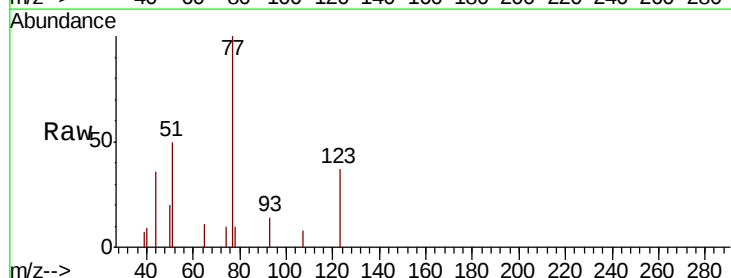
Tgt Ion: 77 Resp: 2805

Ion Ratio Lower Upper

77 100

123 38.3 16.4 58.2

65 8.8 11.7 14.9#

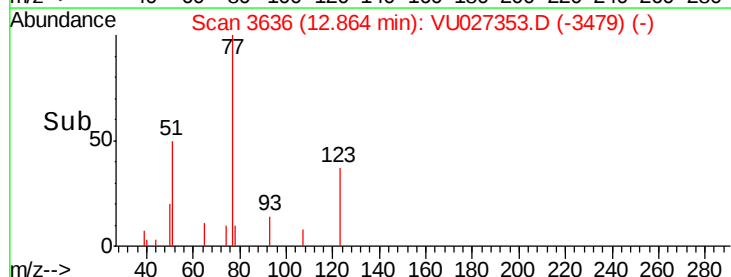


Abundance Ion 77.00 (76.70 to 77.70): VU0

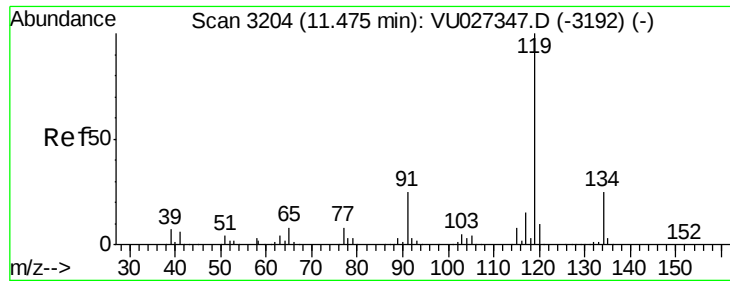
Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12.86



Time-->



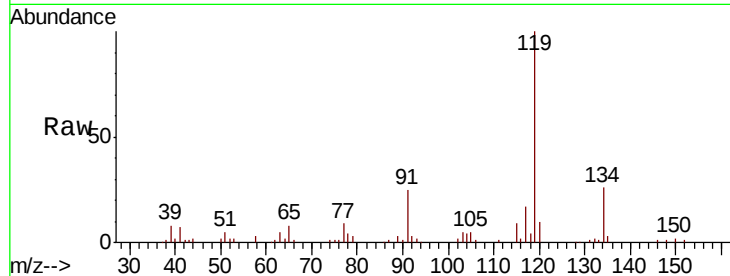
#81
 p-Isopropyltoluene
 Concen: 1.910 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	20.2	30.2
91	25.7	19.6	29.4

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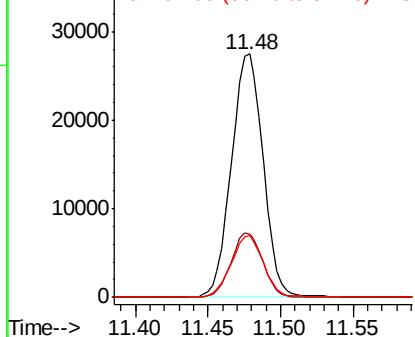


Abundance

Ion 119.00 (118.70 to 119.70): V

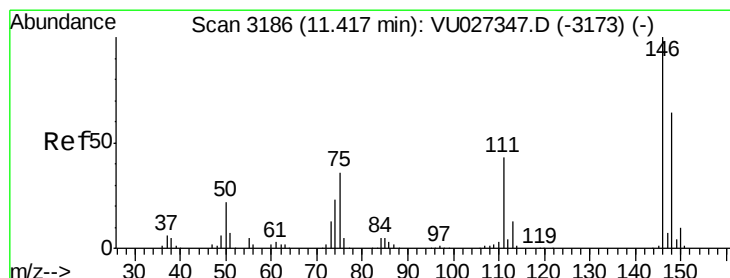
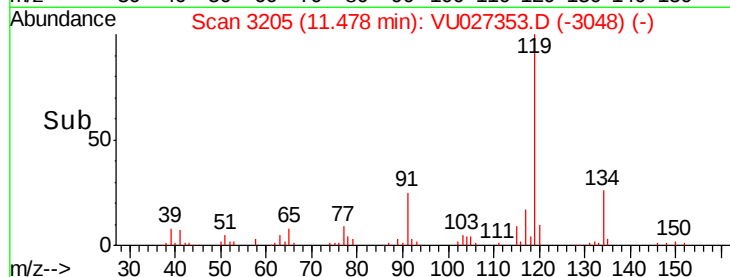
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



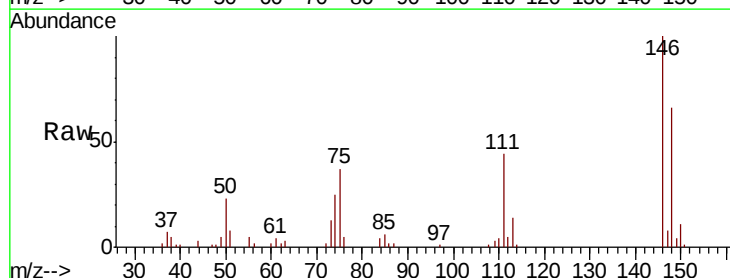
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#82
 1,3-Dichlorobenzene
 Concen: 2.161 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	34.3	51.5
148	65.5	51.2	76.8

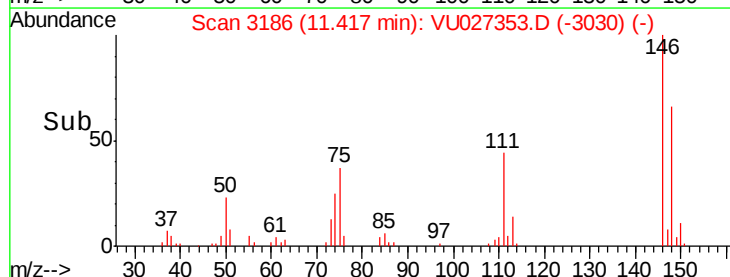
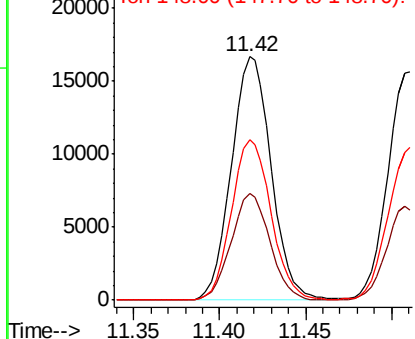


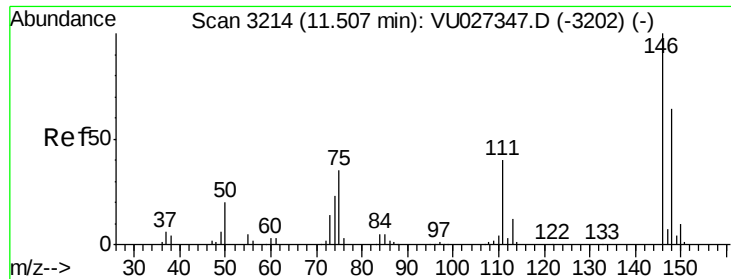
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





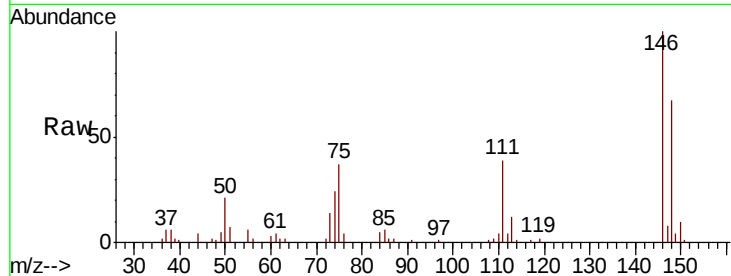
#83
 1,4-Dichlorobenzene
 Concen: 1.965 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	32.6	49.0
148	68.0	51.4	77.2

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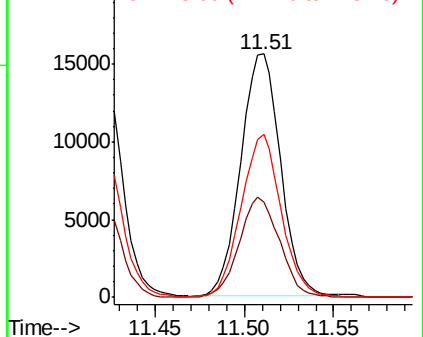


Abundance

Ion 146.00 (145.70 to 146.70): V

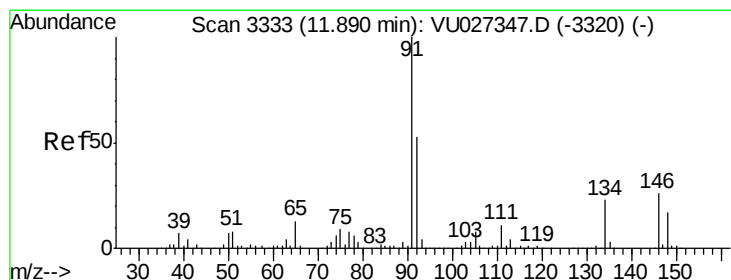
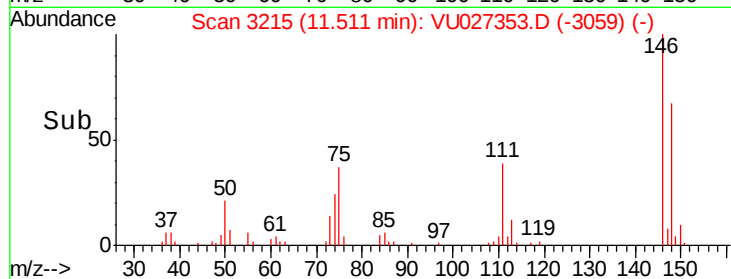
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



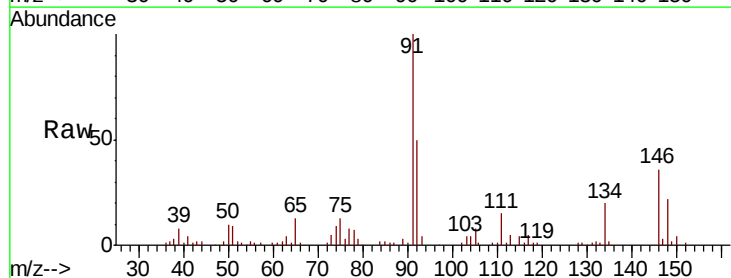
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#84
 n-Butylbenzene
 Concen: 1.926 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	42.2	63.2
134	20.7	18.2	27.4

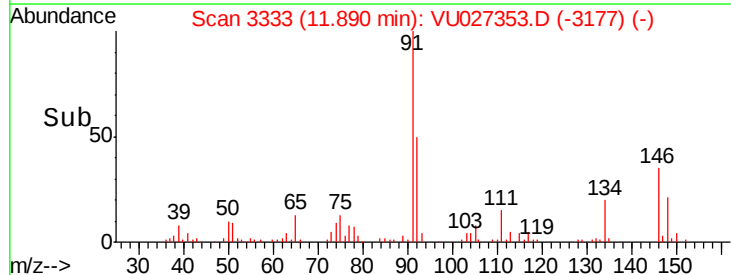
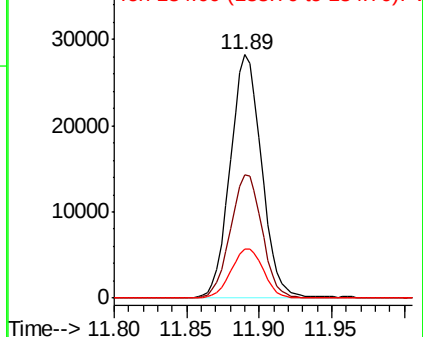


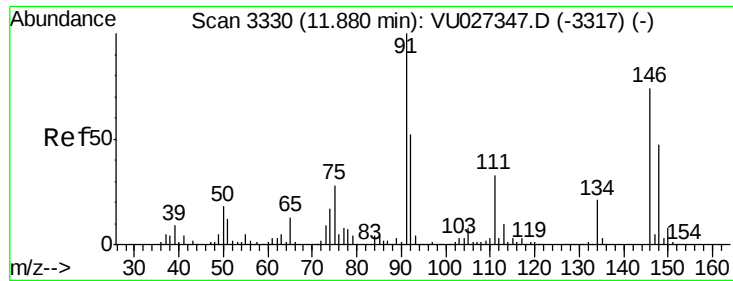
Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





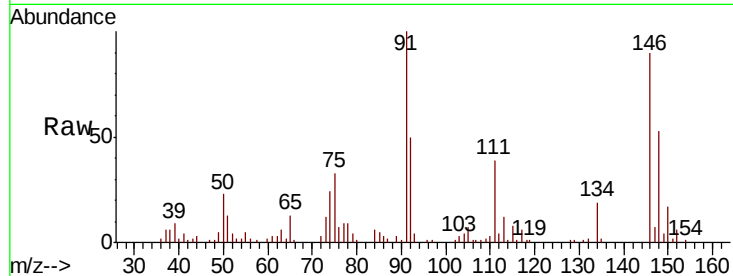
#85
 1,2-Dichlorobenzene
 Concen: 2.021 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.3
148	61.2	32.0	96.0

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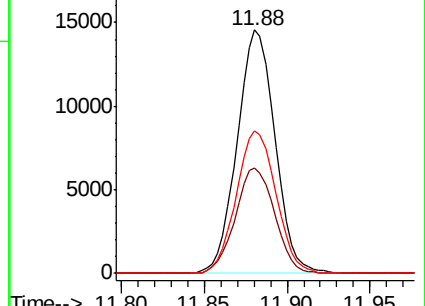


Abundance

Ion 146.00 (145.70 to 146.70): V

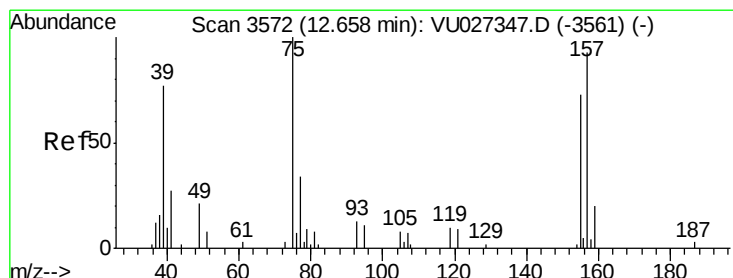
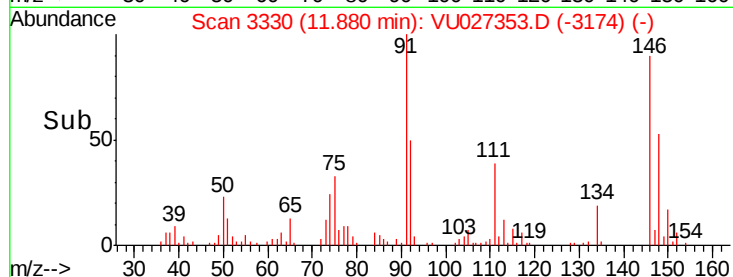
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



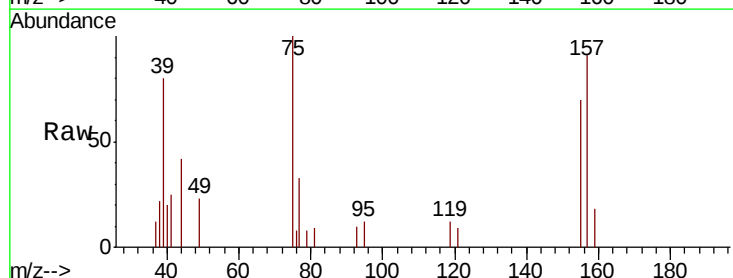
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.271 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.7	56.6	84.8
157	86.1	71.8	107.6

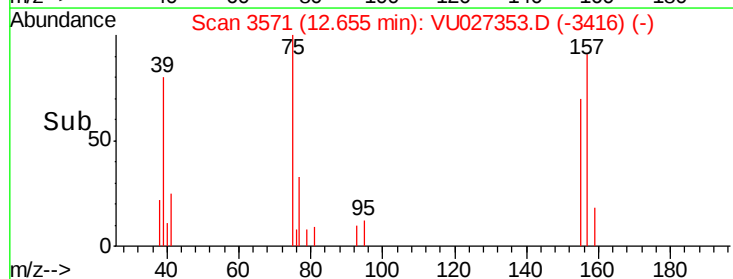
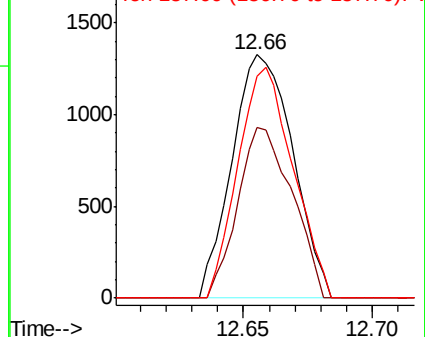


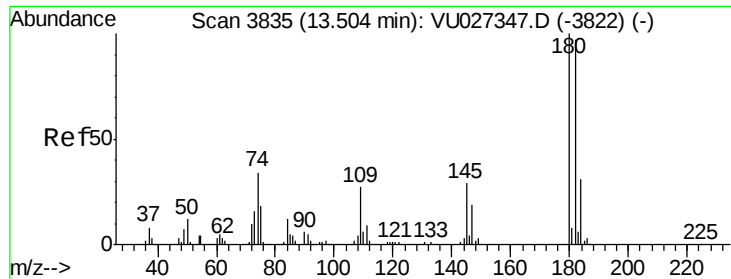
Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





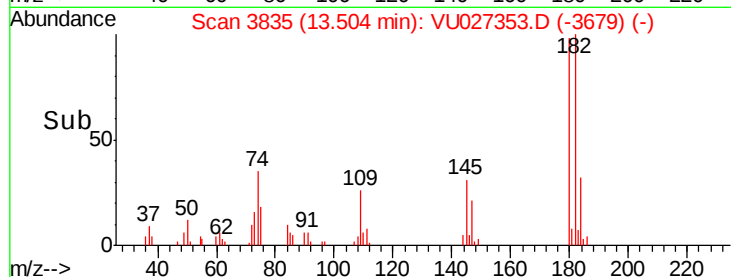
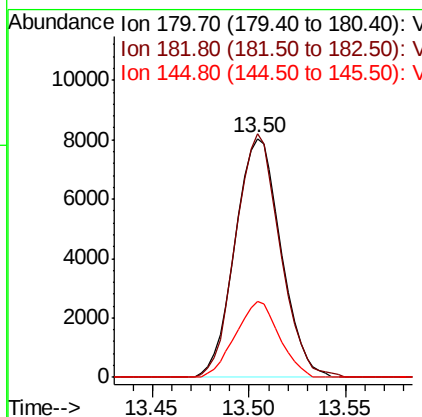
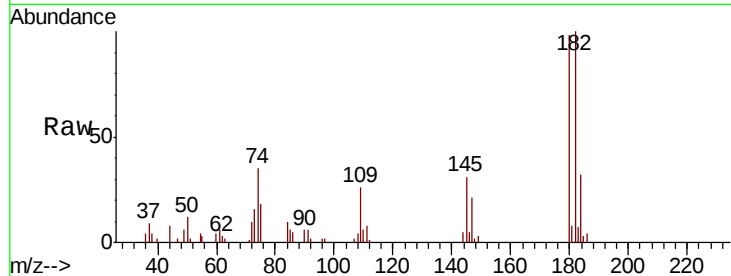
#87
 1,2,4-Trichlorobenzene
 Concen: 1.820 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.5	116.3
145	30.2	23.9	35.9

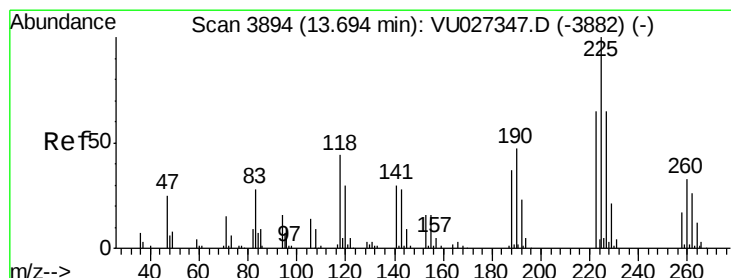
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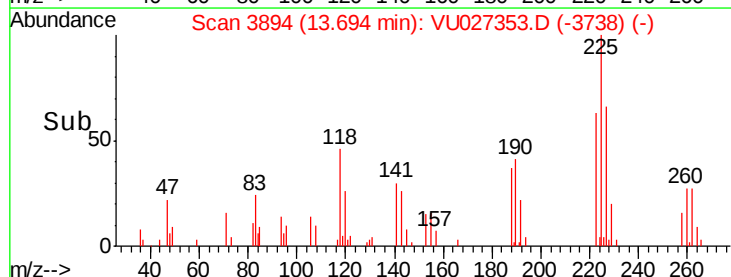
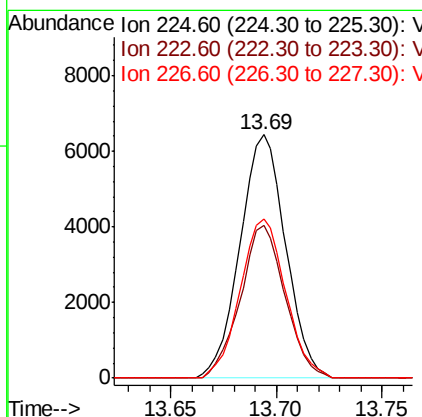
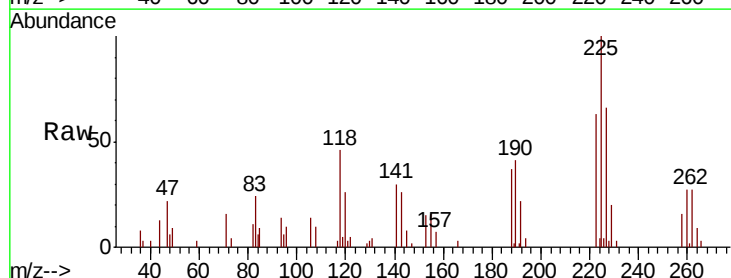
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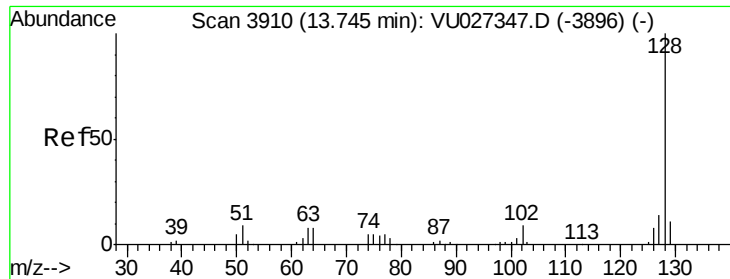
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#88
 Hexachlorobutadiene
 Concen: 2.014 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027353.D
 Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.0
227	65.1	52.3	78.5





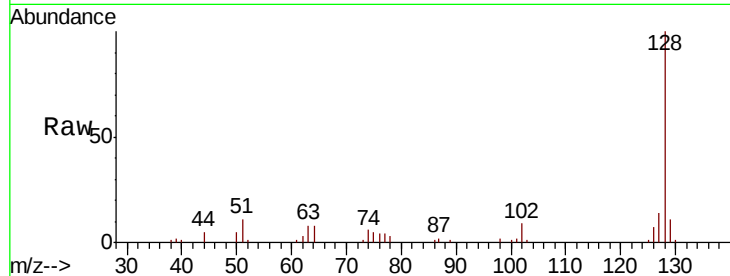
#89
Naphthalene
Concen: 1.808 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. -0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	10.6	8.4	12.6

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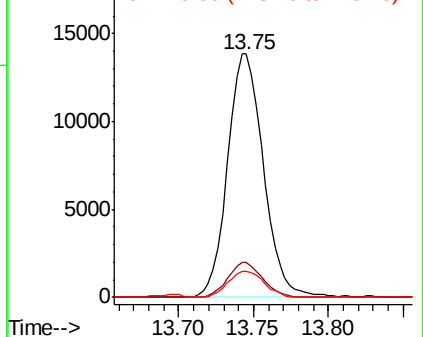


Abundance

Ion 128.00 (127.70 to 128.70): V

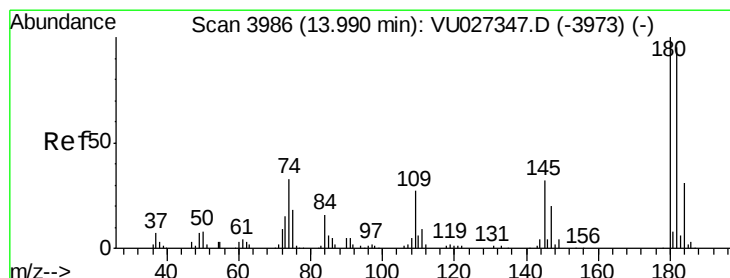
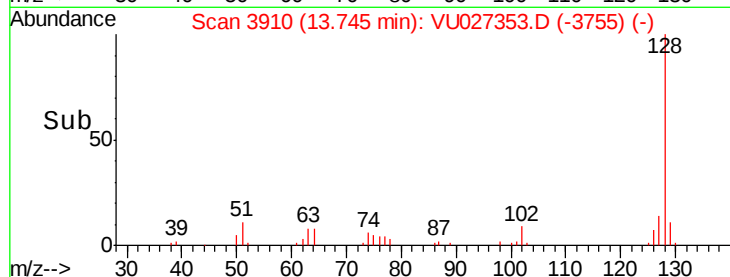
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



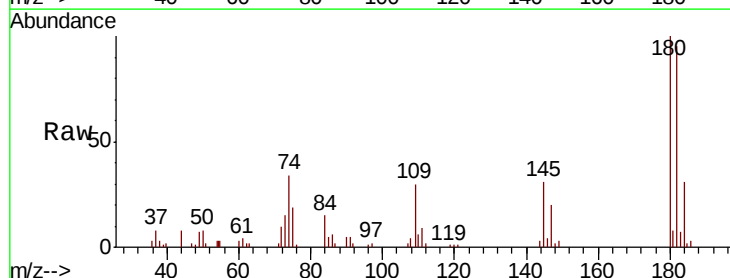
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#90
1,2,3-Trichlorobenzene
Concen: 2.168 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027353.D
Acq: 02 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.2	114.4
145	30.3	25.8	38.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

