

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027354.D
 Acq On : 02 Oct 2018 21:08
 Operator : MD/SY
 Sample : VU1003WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Manual Integrations
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 10/5/2018 11:56:46 AM

Quant Time: Oct 03 09:39:48 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	22314	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7107	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7017	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	14003	1.871	ug/l	98
3) Chloromethane	1.33	50	16493	1.897	ug/l	100
4) Vinyl Chloride	1.40	62	16485	1.864	ug/l	98
5) Bromomethane	1.63	94	9229	2.495	ug/l	97
6) Chloroethane	1.70	64	19439	3.144	ug/l	92
7) Trichlorofluoromethane	1.89	101	18395	1.795	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	10911	1.810	ug/l	98
9) 1,1-Dichloroethene	2.29	96	9280	1.849	ug/l	95
10) Iodomethane	2.41	142	9392	1.660	ug/l	100
11) Allyl Chloride	2.59	41	24128	1.819	ug/l	98
12) Acrylonitrile	2.94	53	6934	4.001	ug/l	96
13) Acetone	2.33	43	15486	9.988	ug/l	97
14) Carbon Disulfide	2.48	76	28021	1.797	ug/l	100
15) Methylene Chloride	2.70	84	19192	2.982	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	10585	1.813	ug/l	99
17) 1,1-Dichloroethane	3.45	63	26663	1.892	ug/l	99
18) 2-Butanone	4.29	43	26060	9.821	ug/l	99
19) Cyclohexane	4.98	56	19959	1.875	ug/l	96
20) Methylcyclohexane	6.41	83	15286	1.599	ug/l	96
21) 2,2-Dichloropropane	4.22	77	20700	1.715	ug/l	96
22) cis-1,2-Dichloroethene	4.22	96	13436	1.910	ug/l	96
23) Diethyl Ether	2.11	59	10816	2.019	ug/l	99
24) tert-Butyl Alcohol	2.84	59	12624	20.843	ug/l	96
25) Methyl tert-Butyl Ether	3.01	73	32767	1.956	ug/l	98
26) Bromochloromethane	4.55	128	4730	1.829	ug/l	97
27) Chloroform	4.67	83	24828	1.930	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	19714	1.889	ug/l	99
29) 1,1-Dichloropropene	5.13	75	18014	1.917	ug/l	97
30) Carbon Tetrachloride	5.12	117	16539	1.916	ug/l	99
31) Isopropyl Ether	3.58	45	49513	1.847	ug/l	100
32) Ethyl-t-butyl ether	4.09	59	39316	1.878	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	31738	1.893	ug/l	98
34) Propionitrile	4.34	54	7015	10.249	ug/l #	95
35) Benzene	5.38	78	51565	1.876	ug/l	99
36) 1,2-Dichloroethane	5.41	62	17261	1.916	ug/l	99
37) Trichloroethene	6.18	130	11524	1.889	ug/l	92
38) 1,2-Dichloropropane	6.44	63	15034	1.810	ug/l	99
39) Methacrylonitrile	4.56	41	6549	1.828	ug/l	97
40) Methyl acrylate	4.43	55	8835	1.937	ug/l #	89
41) Tetrahydrofuran	4.67	42	7510	4.139	ug/l	95
42) 1-Chlorobutane	5.06	56	28020	1.853	ug/l	96

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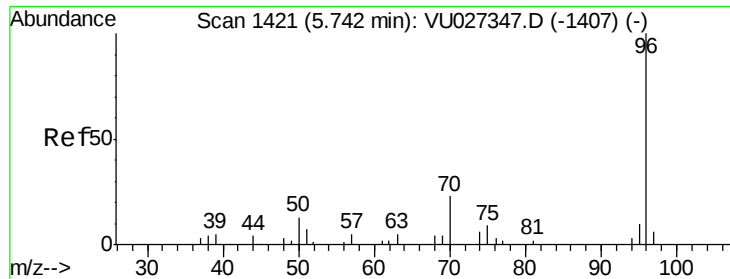
Manual Integrations
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Quant Time: Oct 03 09:39:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	6650	1.924	ug/l	95
44) Bromodichloromethane	6.76	83	17562	1.872	ug/l	99
45) 4-Methyl-2-Pentanone	7.48	43	47563	8.936	ug/l	96
46) t-1,4-Dichloro-2-butene	10.51	75	5775m	3.742	ug/l	
47) Methyl methacrylate	6.64	69	11477	3.298	ug/l	98
48) Ethyl methacrylate	8.03	69	9740	1.607	ug/l	98
49) Toluene	7.64	92	24668	1.642	ug/l	93
50) t-1,3-Dichloropropene	7.88	75	14881	1.786	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	17113	1.715	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	9436	1.940	ug/l	96
53) 1,3-Dichloropropane	8.25	76	17064	1.849	ug/l	99
54) 2-Hexanone	8.38	43	32062	8.718	ug/l	95
55) Dibromochloromethane	8.48	129	10193	1.897	ug/l	100
56) 1,2-Dibromoethane	8.59	107	8262	1.921	ug/l	98
58) Tetrachloroethene	8.22	164	9879	1.827	ug/l	96
59) Chlorobenzene	9.12	112	27441	1.751	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.21	131	11290	1.874	ug/l	98
61) Pentachloroethane	11.11	117	9046	1.817	ug/l	100
62) Hexachloroethane	12.15	117	9335	1.966	ug/l	98
63) Ethyl Benzene	9.25	91	41194	1.531	ug/l	99
64) m/p-Xylenes	9.38	106	31942	3.167	ug/l	99
65) o-Xylene	9.78	106	15649	1.635	ug/l	97
66) Styrene	9.79	104	26889	1.600	ug/l	99
67) Bromoform	9.96	173	5484	1.909	ug/l	97
69) Isopropylbenzene	10.17	105	40620	1.609	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	13461	2.048	ug/l	98
71) 1,2,3-Trichloropropane	10.50	75	10989m	2.167	ug/l	
72) Bromobenzene	10.45	156	11114	1.825	ug/l	99
73) n-propylbenzene	10.59	120	11207	1.649	ug/l	97
74) 2-Chlorotoluene	10.66	126	10772	1.734	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	36878	1.642	ug/l	97
76) 4-Chlorotoluene	10.77	126	11496	1.803	ug/l	99
77) tert-Butylbenzene	11.10	119	34740	1.638	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	37445	1.691	ug/l	98
79) sec-Butylbenzene	11.32	105	48810	1.678	ug/l	100
80) Nitrobenzene	12.86	77	2740	10.143	ug/l #	96
81) p-Isopropyltoluene	11.48	119	39190	1.759	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	24735	1.928	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	24094	1.876	ug/l	98
84) n-Butylbenzene	11.89	91	39611	1.768	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	21912	1.846	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2086	2.096	ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	12846	1.708	ug/l	98
88) Hexachlorobutadiene	13.69	225	9166	1.842	ug/l	99
89) Naphthalene	13.75	128	20968	1.580	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	13664	1.837	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: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

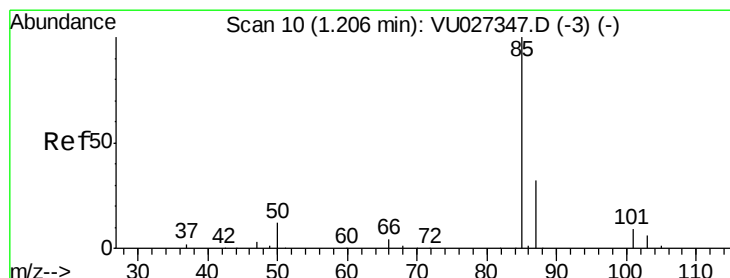
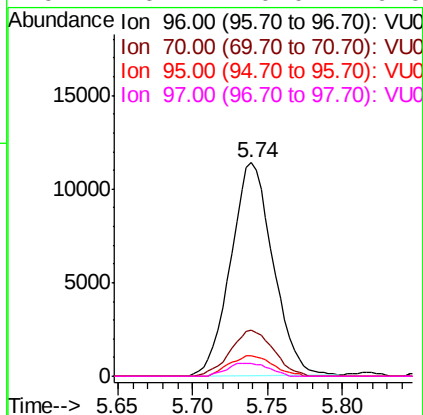
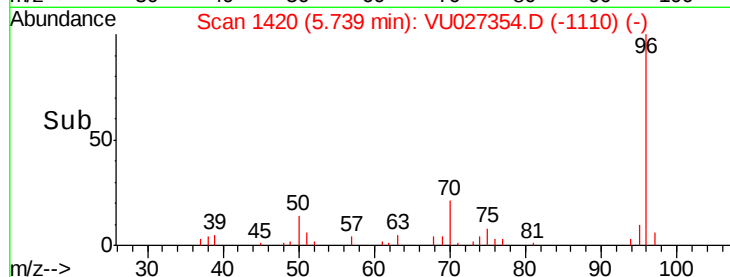
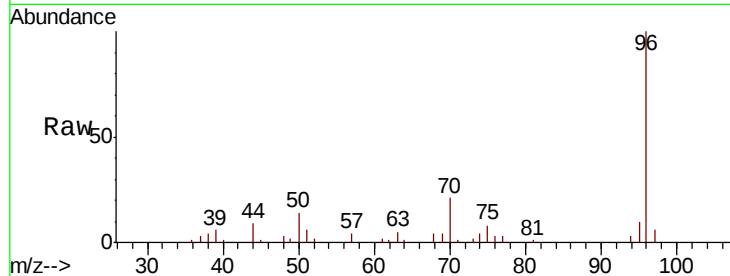
ClientSampled :

VU1003WBSD01

Tot Ion:	96	Resp:	22314
Ion Ratio	Lower	Upper	
96	100		
70	22.2	19.2	28.8
95	10.0	7.7	11.5
97	6.1	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.871 ug/l

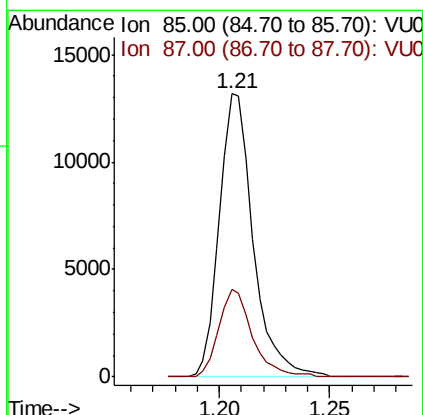
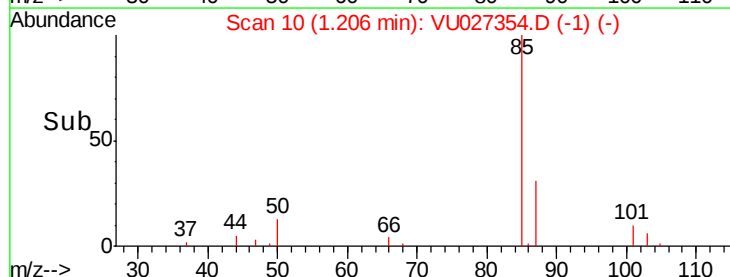
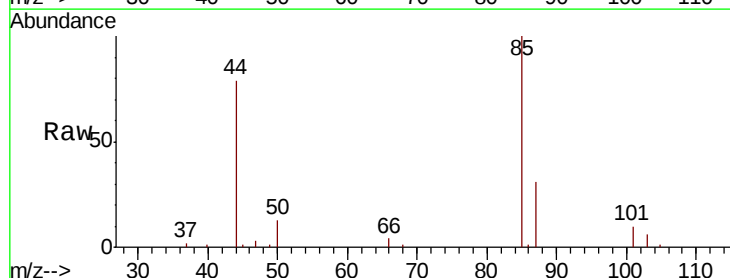
RT: 1.21 min Scan# 10

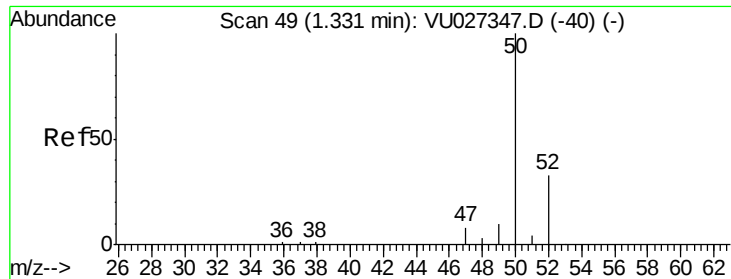
Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Tgt Ion:	85	Resp:	14003
Ion Ratio	Lower	Upper	
85	100		
87	30.8	16.1	48.3





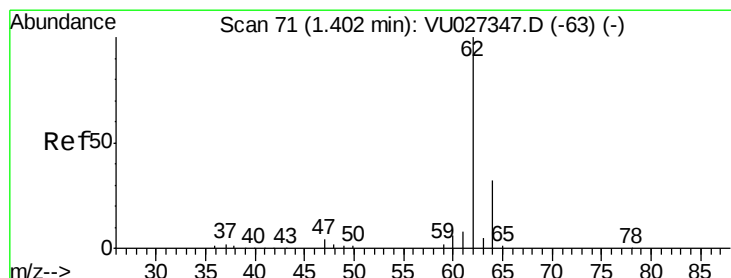
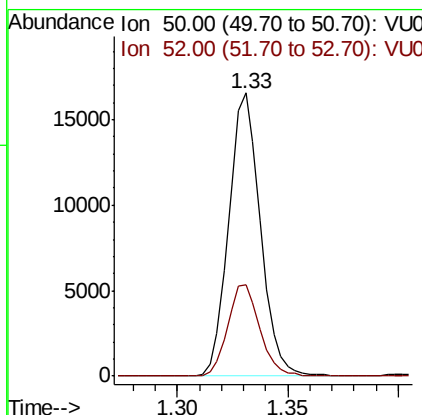
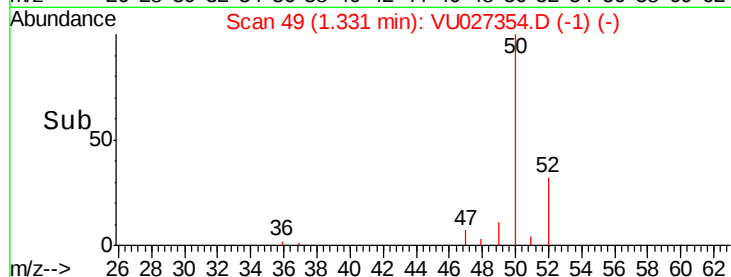
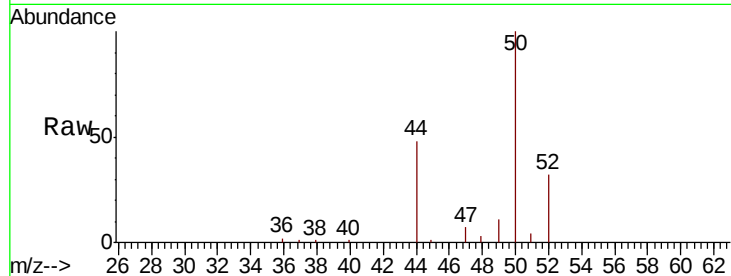
#3
Chloromethane
Concen: 1.897 ug/l
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.0	39.0

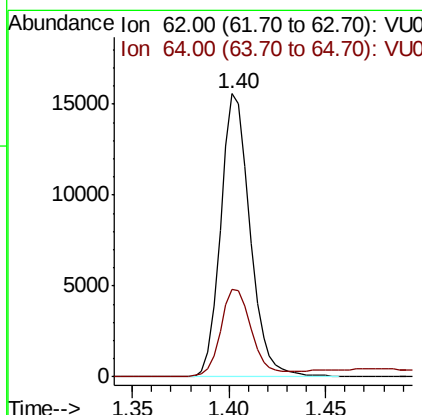
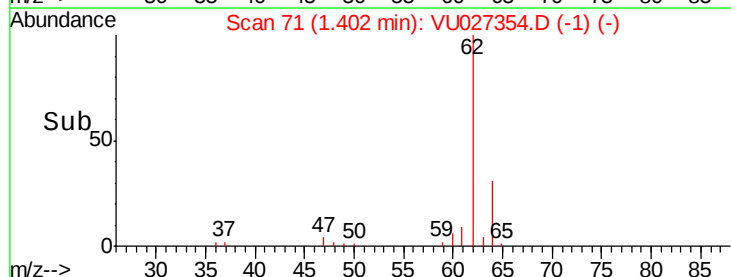
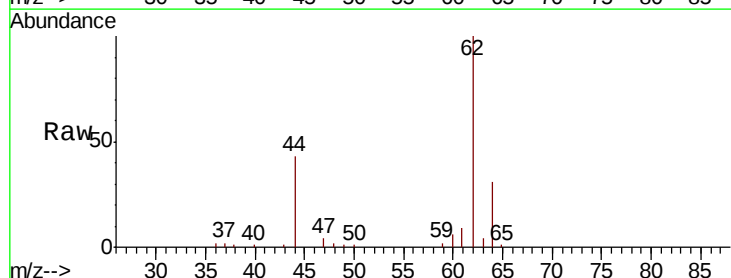
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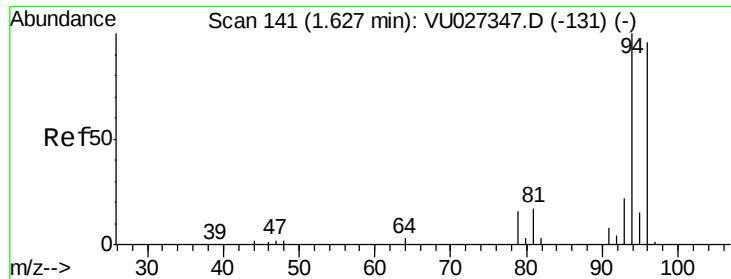
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#4
Vinyl Chloride
Concen: 1.864 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.0	25.6	38.4





#5

Bromomethane

Concen: 2.495 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion: 94 Resp: 9229

Ion Ratio Lower Upper

94 100

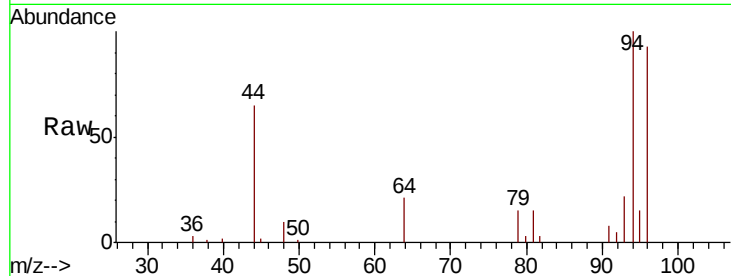
96 93.5 77.0 115.6

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

8000

6000

4000

2000

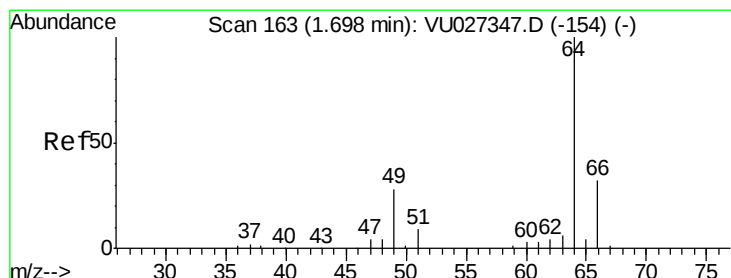
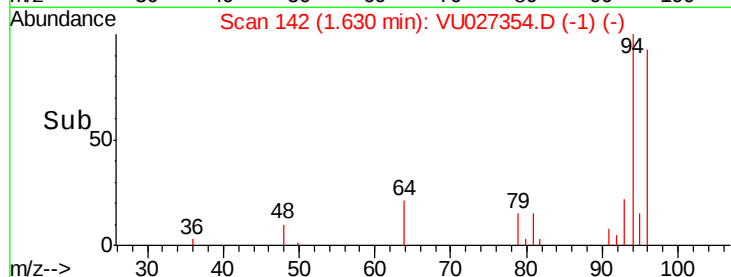
0

1.60

1.63

1.65

Time-->



#6

Chloroethane

Concen: 3.144 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027354.D

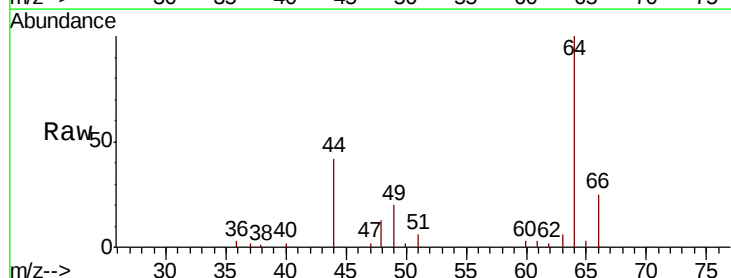
Acq: 02 Oct 2018 21:08

Tgt Ion: 64 Resp: 19439

Ion Ratio Lower Upper

64 100

66 27.1 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

12000

10000

8000

6000

4000

2000

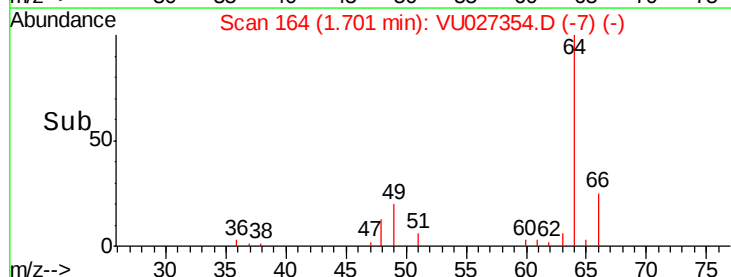
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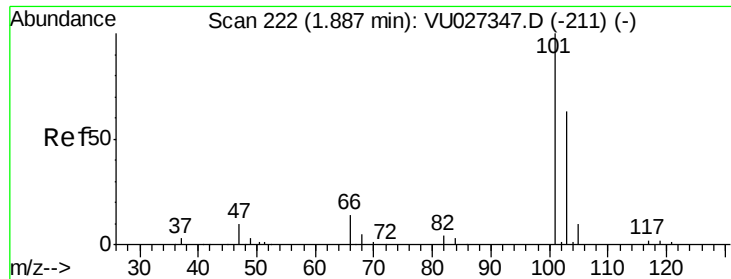
1.60

1.70

1.80

Time-->





#7

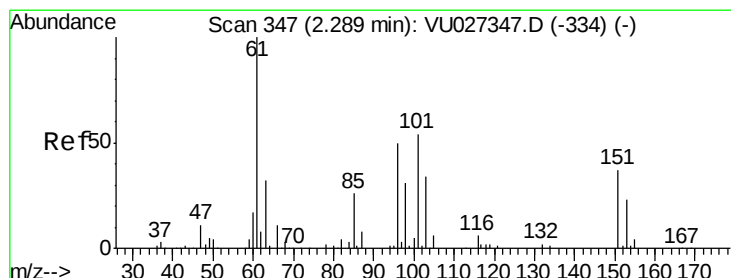
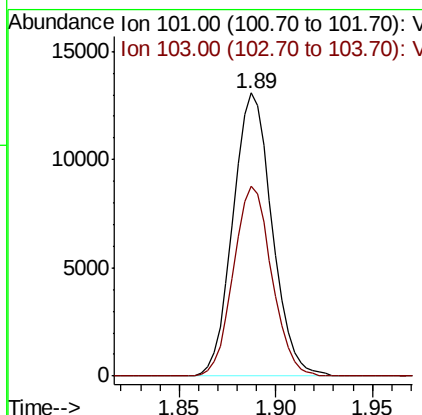
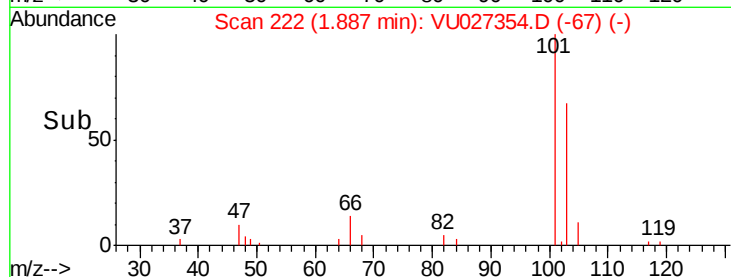
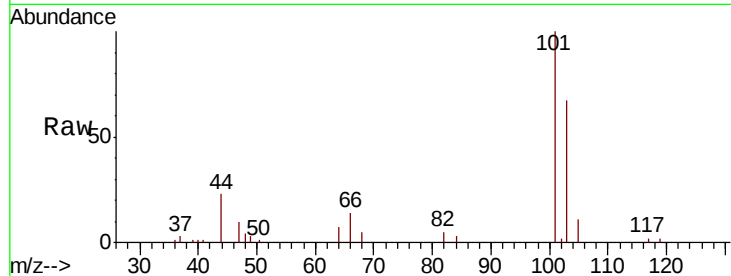
Trichlorofluoromethane
 Concen: 1.795 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
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 VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	50.8	76.2

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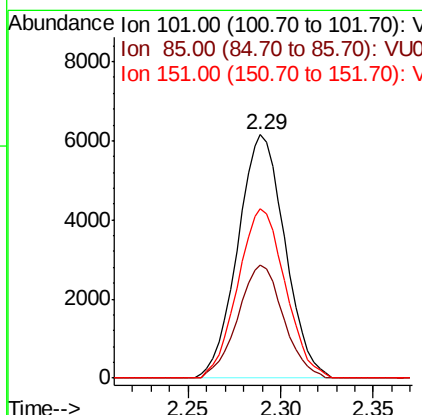
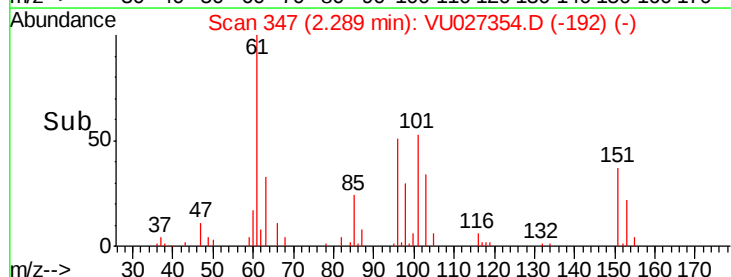
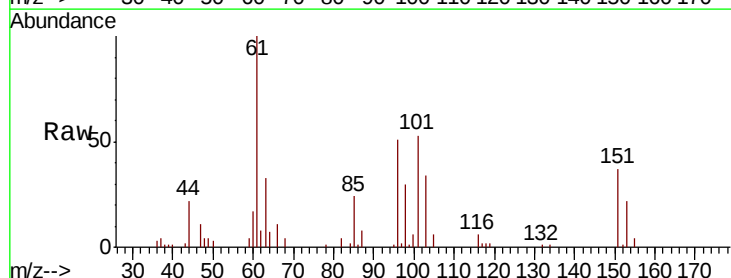
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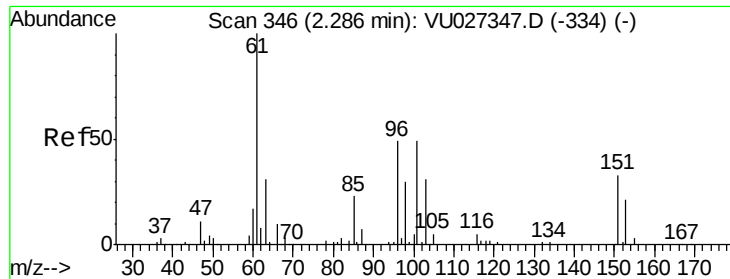


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.810 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.8	37.6	56.4
151	69.7	54.6	81.8





#9

1,1-Dichloroethene

Concen: 1.849 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

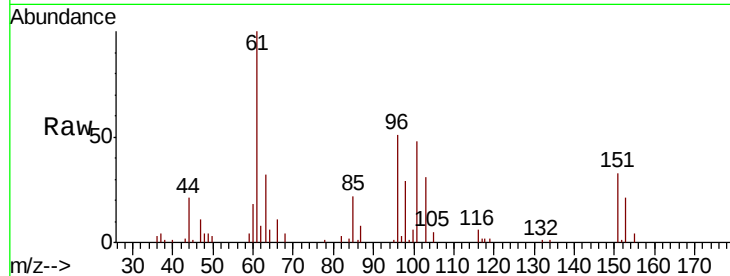
ClientSampleId :

VU1003WBSD01

Tot Ion:	96	Resp:	9280
Ion	Ratio	Lower	Upper
96	100		
61	197.0	0.0	614.1
98	57.4	0.0	123.4

Manual Integrations
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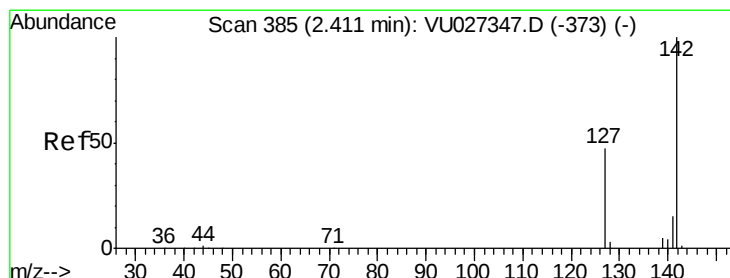
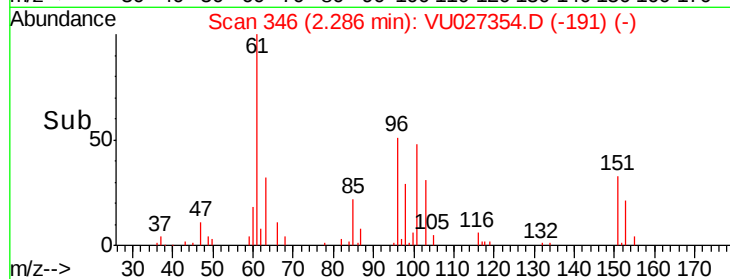
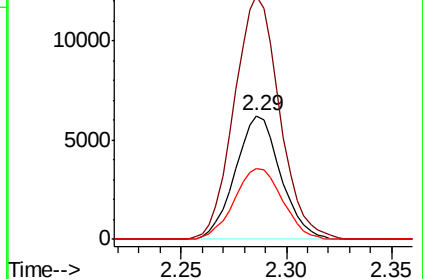
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Abundance Ion 96.00 (95.70 to 96.70): VU027347.D (-334) (-)

Ion 61.00 (60.70 to 61.70): VU027347.D (-334) (-)

Ion 98.00 (97.70 to 98.70): VU027347.D (-334) (-)



#10

Iodomethane

Concen: 1.660 ug/l

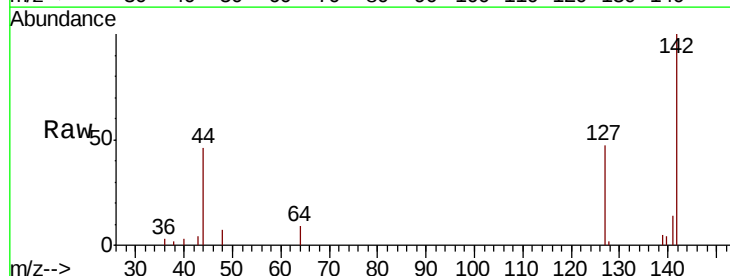
RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027354.D

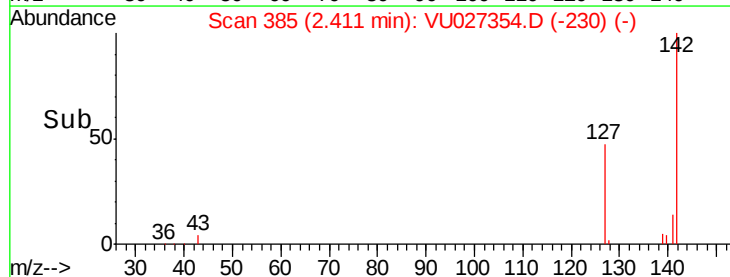
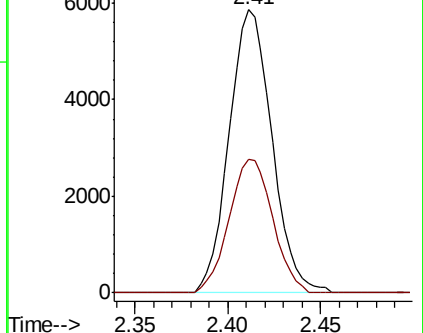
Acq: 02 Oct 2018 21:08

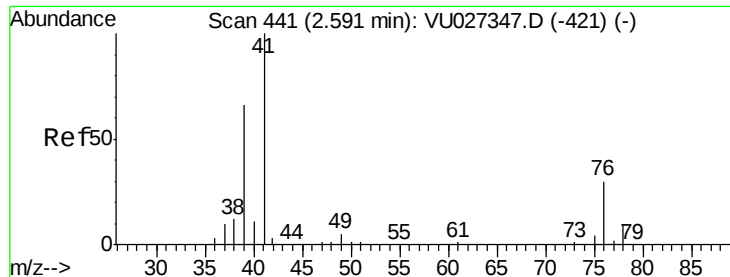
Tgt Ion:	142	Resp:	9392
Ion	Ratio	Lower	Upper
142	100		
127	48.0	38.3	57.5



Abundance Ion 142.00 (141.70 to 142.70): VU027347.D (-373) (-)

Ion 127.00 (126.70 to 127.70): VU027347.D (-373) (-)





#11

Allvl Chloride

Concen: 1.819 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion: 41 Resp: 24128

Ion Ratio Lower Upper

41 100

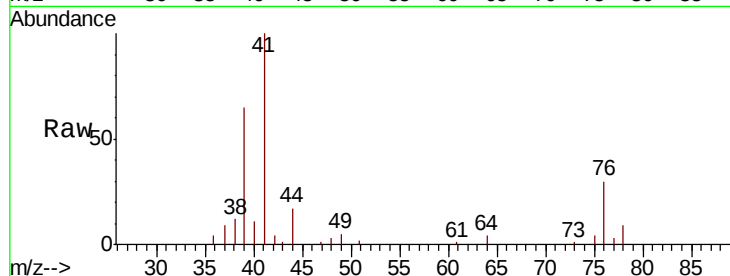
39 66.8 52.2 78.4

Manual Integrations

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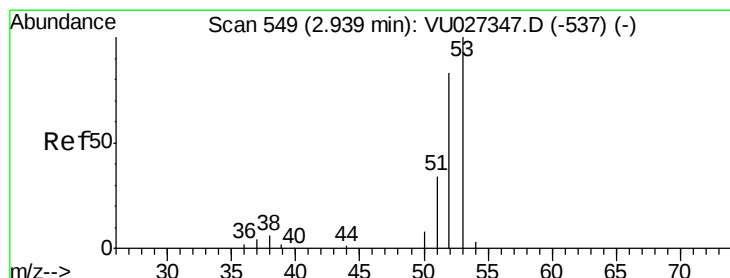
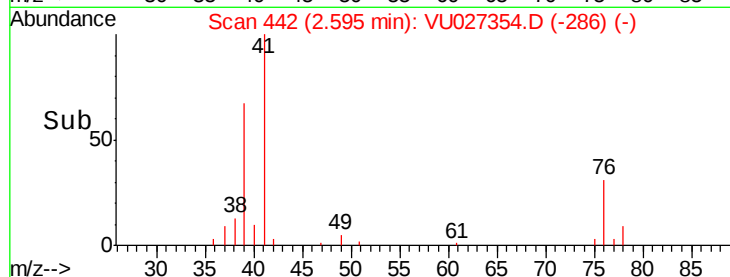
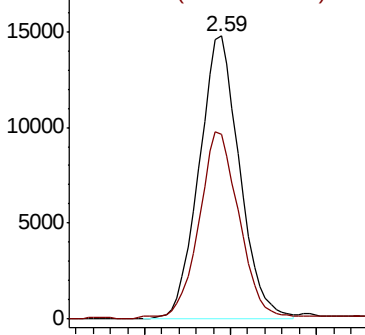
apatel

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Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 4.001 ug/l

RT: 2.94 min Scan# 550

Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

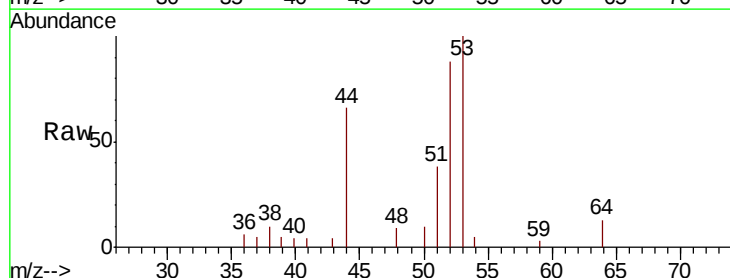
Tgt Ion: 53 Resp: 6934

Ion Ratio Lower Upper

53 100

52 85.8 67.0 100.4

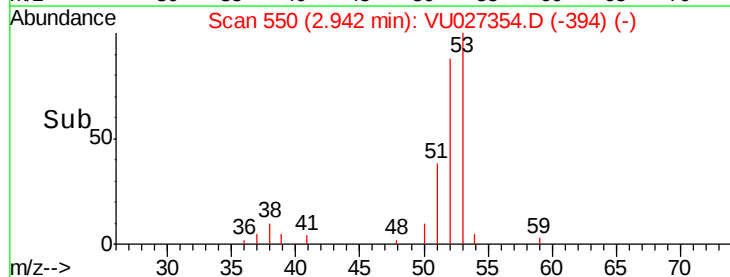
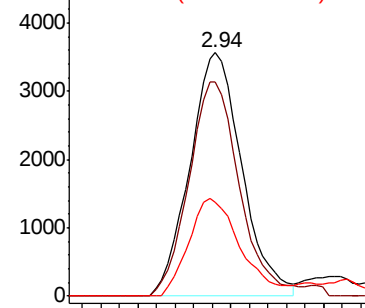
51 40.0 29.0 43.6

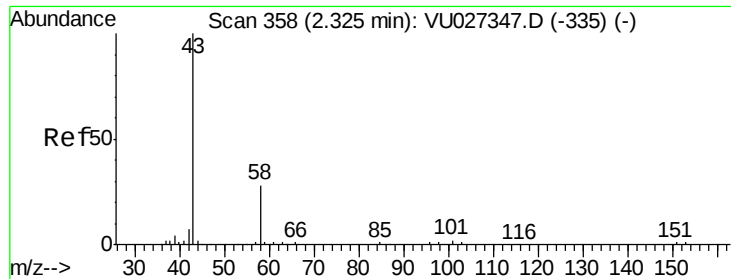


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 9.988 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Tot Ion: 43 Resp: 15486

Ion Ratio Lower Upper

43 100

58 29.7 22.6 34.0

Instrument :

MSVOA_U

ClientSampleId :

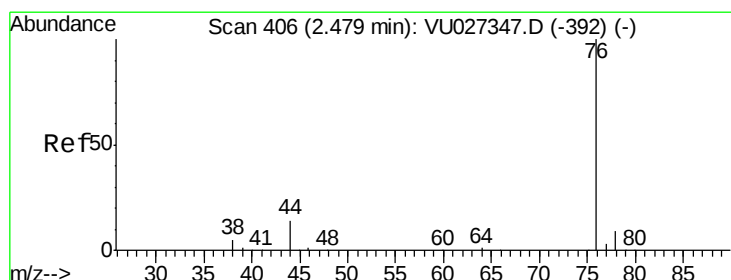
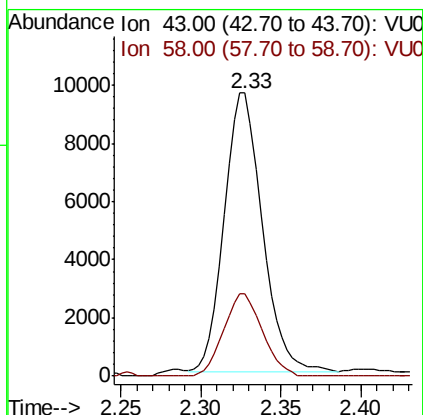
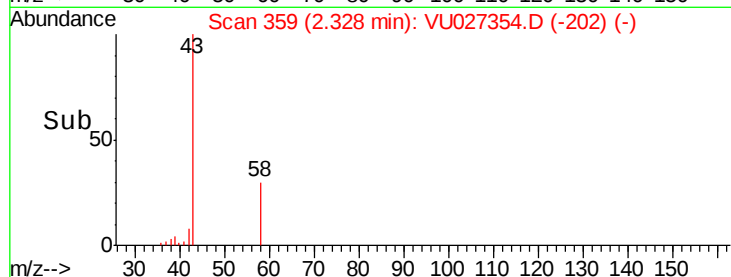
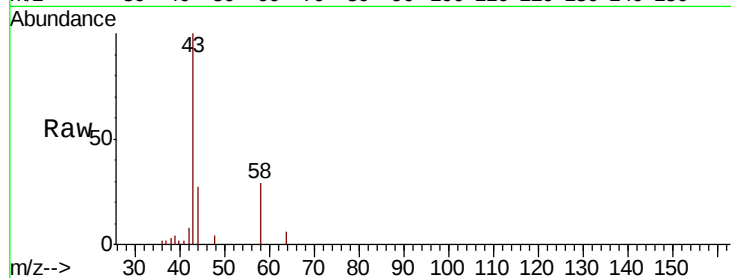
VU1003WBSD01

Manual Integrations

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#14

Carbon Disulfide

Concen: 1.797 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027354.D

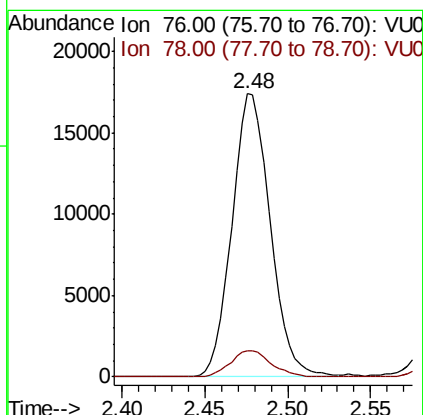
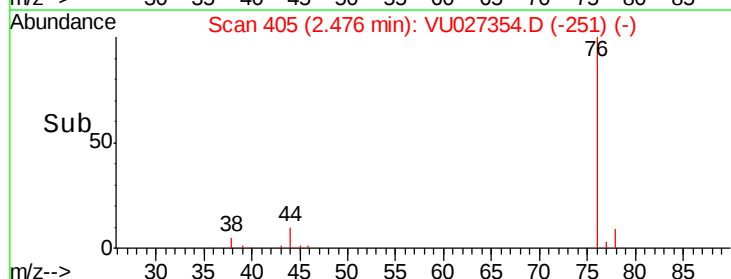
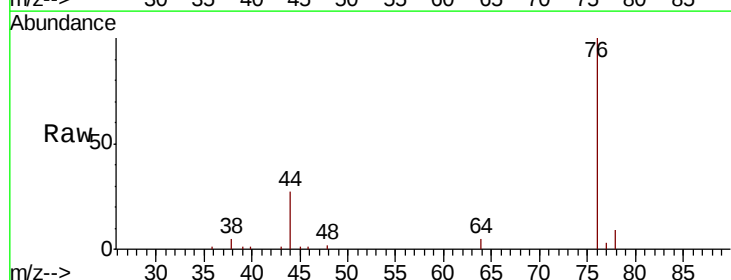
Acq: 02 Oct 2018 21:08

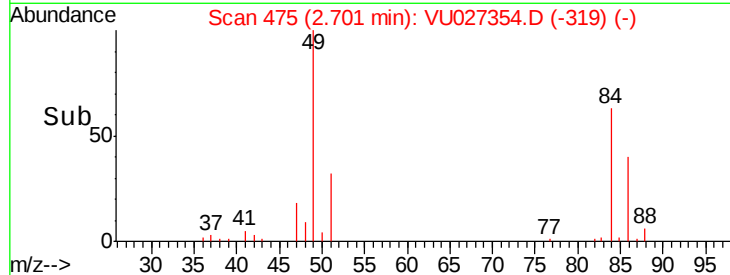
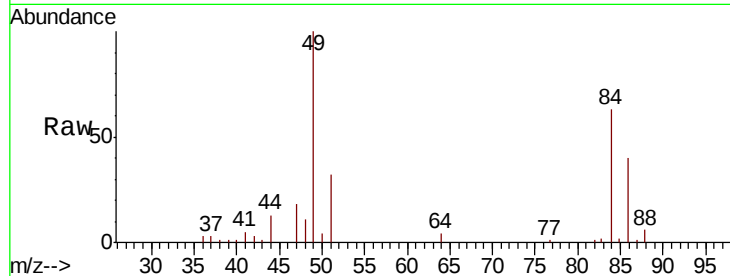
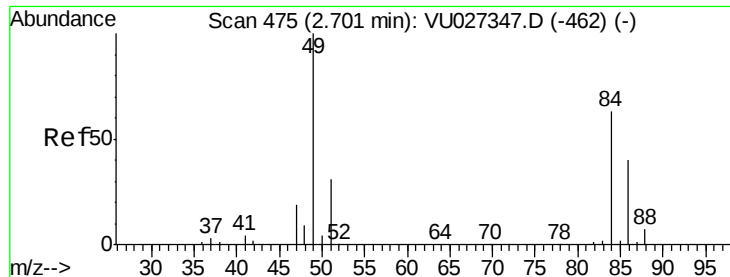
Tgt Ion: 76 Resp: 28021

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





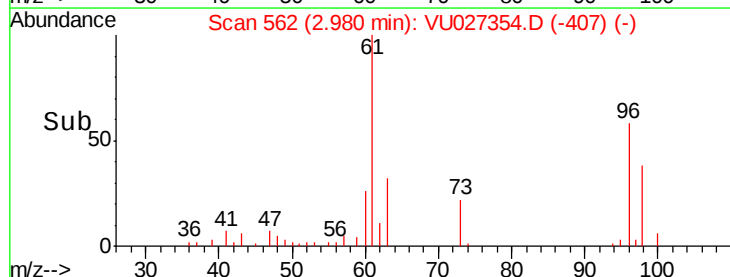
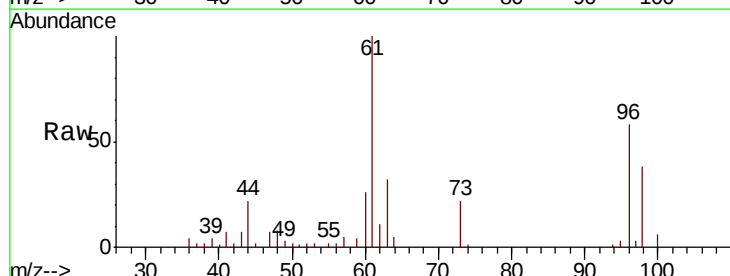
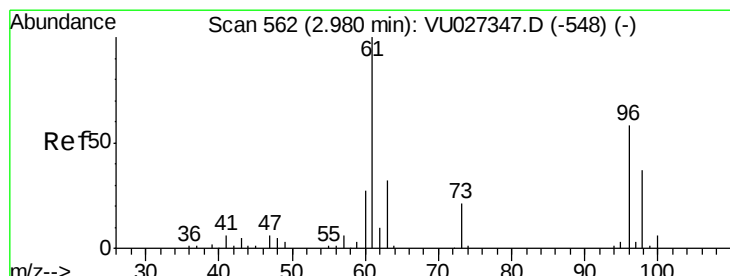
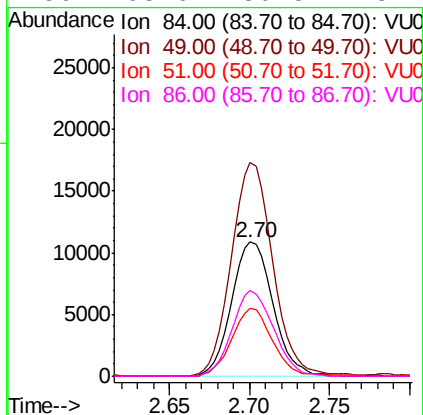
#15
Methvlene Chloride
Concen: 2.982 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tot Ion	84	Resp	19192
Ion	Ratio	Lower	Upper
84	100		
49	159.3	126.0	189.0
51	50.6	0.0	97.4
86	63.6	50.5	75.7

Instrument :
MSVOA_U
ClientSampled :
VU1003WBSD01

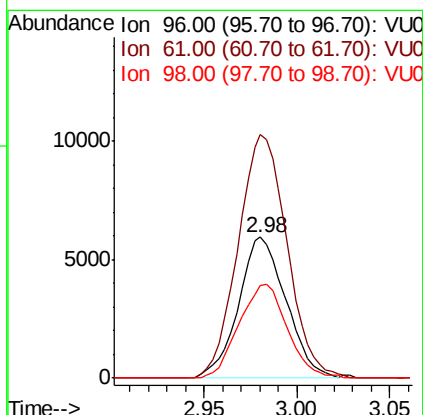
Manual Integrations
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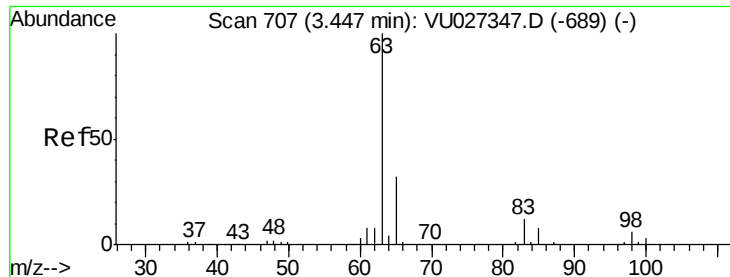
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#16
trans-1,2-Dichloroethene
Concen: 1.813 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	96	Resp	10585
Ion	Ratio	Lower	Upper
96	100		
61	172.5	138.2	207.4
98	65.5	51.5	77.3





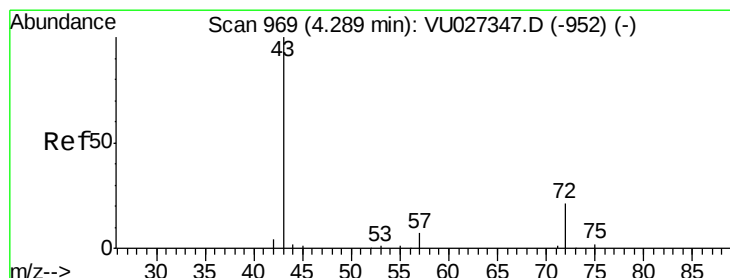
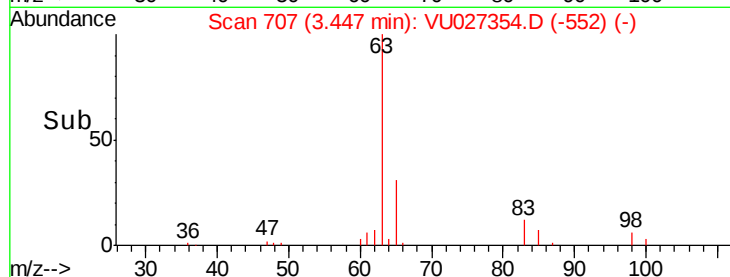
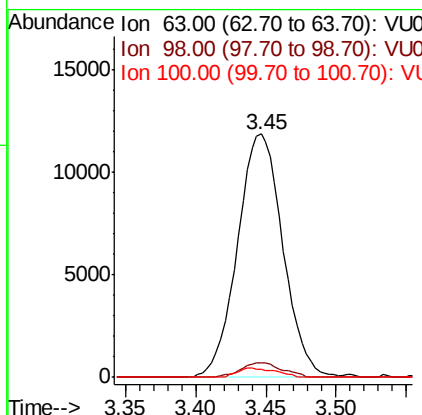
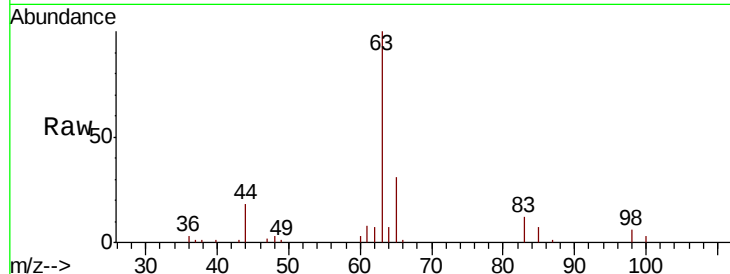
#17
 1,1-Dichloroethane
 Concen: 1.892 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	26663		
98	6.1		2.9	8.6
100	3.1		1.8	5.3

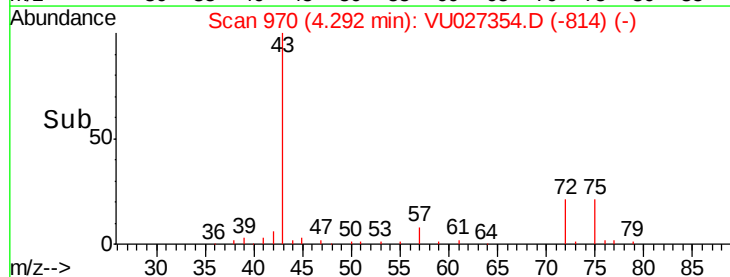
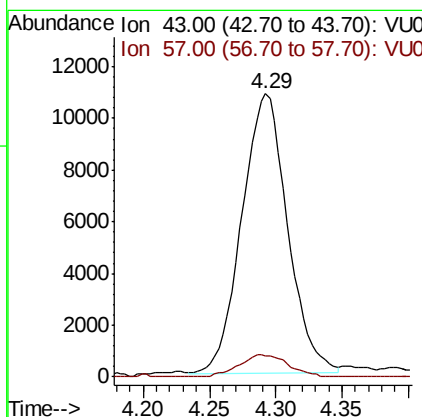
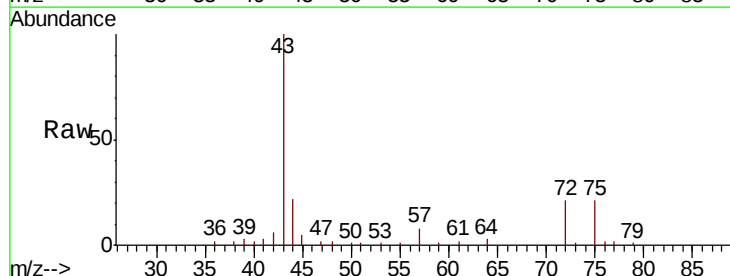
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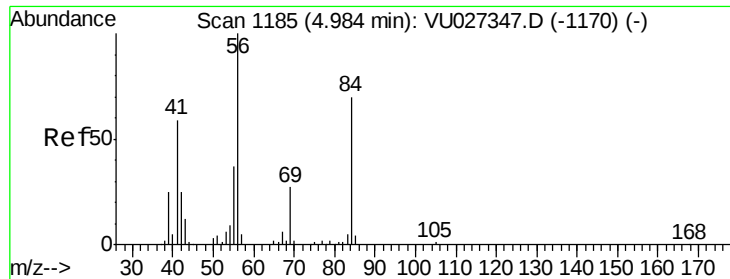
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#18
 2-Butanone
 Concen: 9.821 ug/l
 RT: 4.29 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	26060		
57	7.7		0.0	14.4





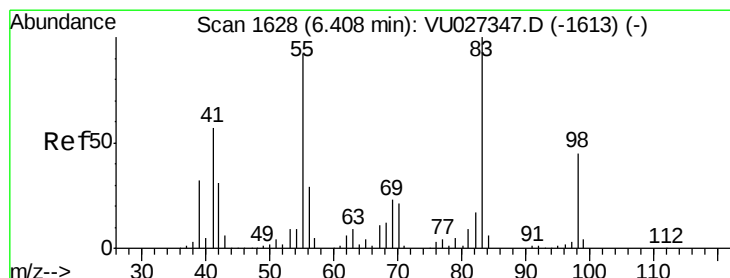
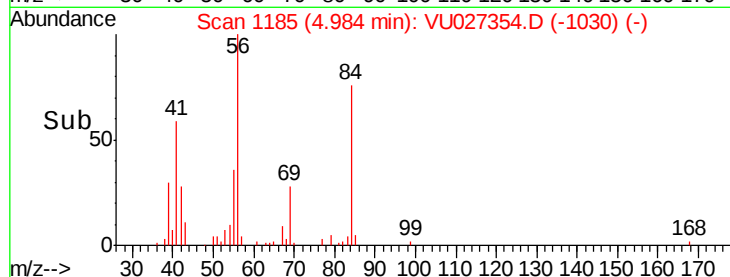
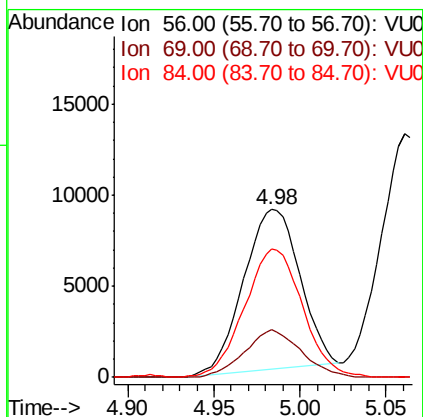
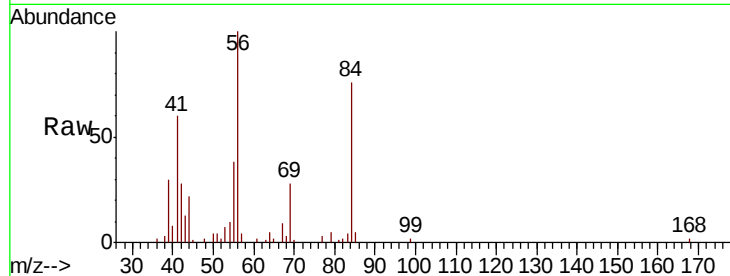
#19
Cyclohexane
Concen: 1.875 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.9	37.3
84	82.9	63.0	94.6

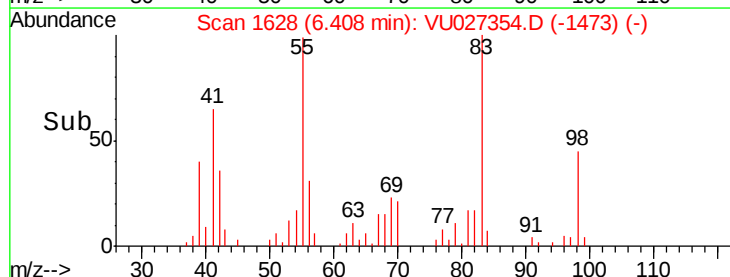
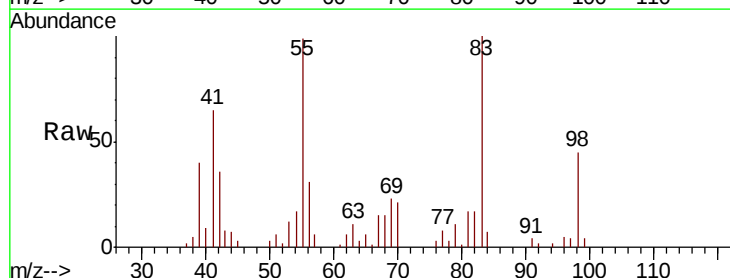
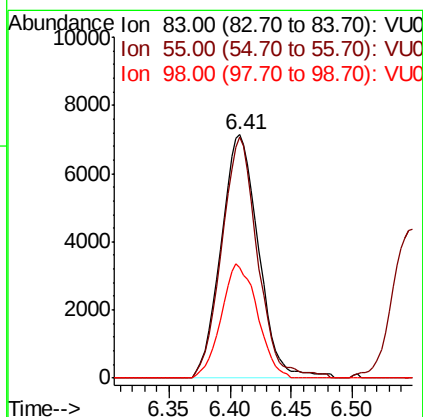
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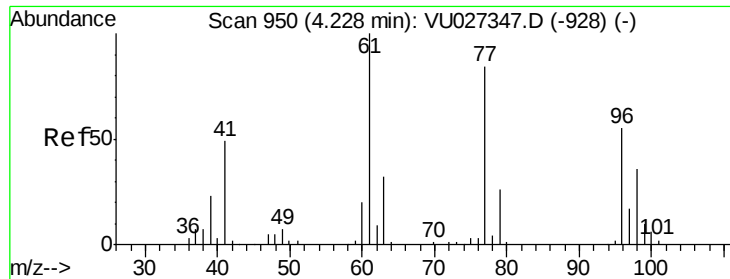
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#20
Methylcyclohexane
Concen: 1.599 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
83	100		
55	94.7	71.6	107.4
98	45.3	35.8	53.6





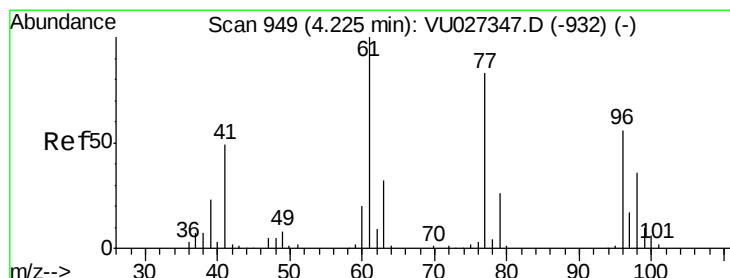
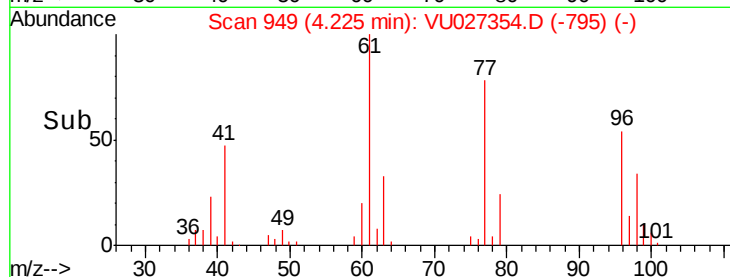
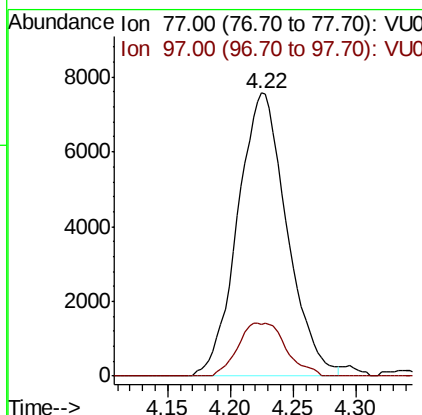
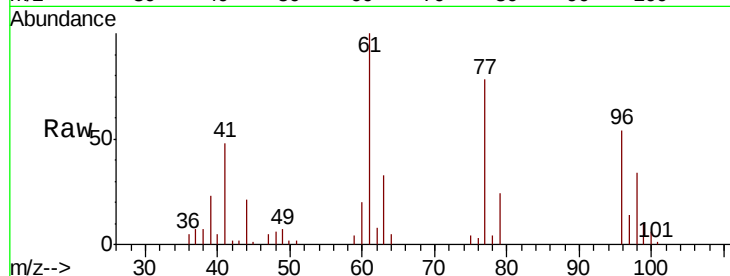
#21
 2,2-Dichloropropane
 Concen: 1.715 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion: 77 Resp: 20700
 Ion Ratio Lower Upper
 77 100
 97 18.1 16.0 24.0

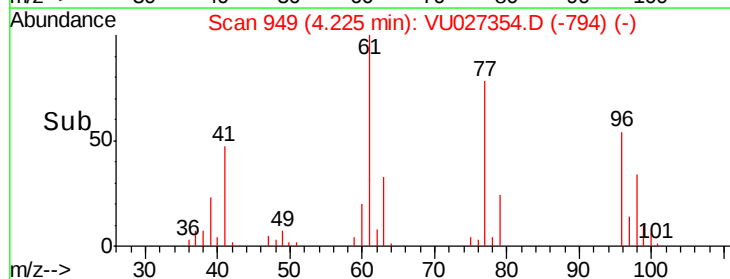
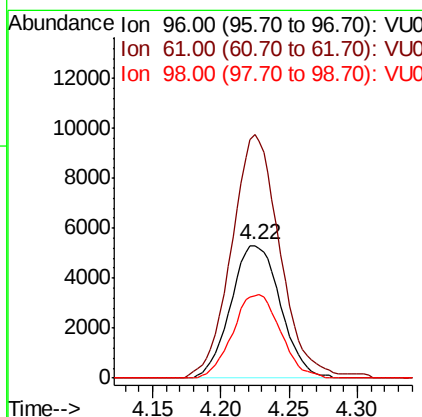
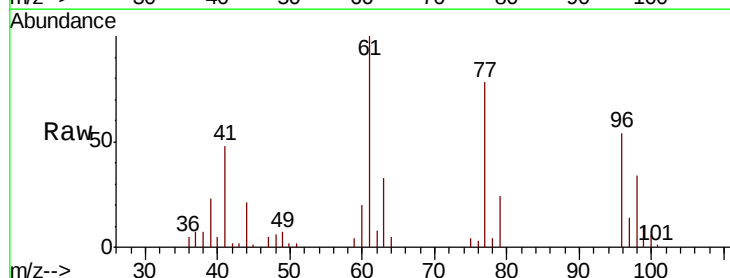
Manual Integrations
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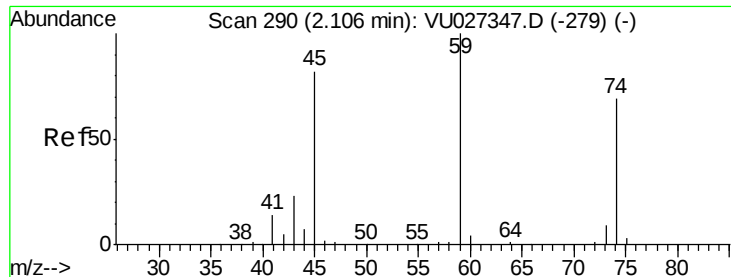
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#22
 cis-1,2-Dichloroethene
 Concen: 1.910 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion: 96 Resp: 13436
 Ion Ratio Lower Upper
 96 100
 61 179.6 0.0 461.8
 98 60.4 32.5 97.4





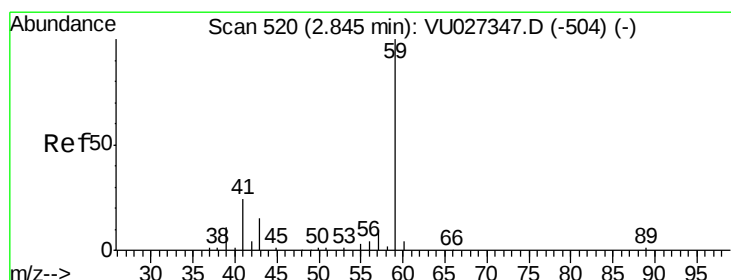
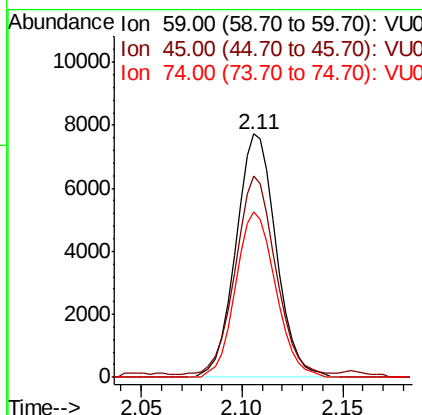
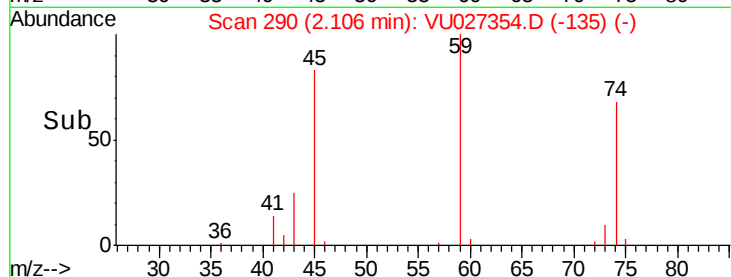
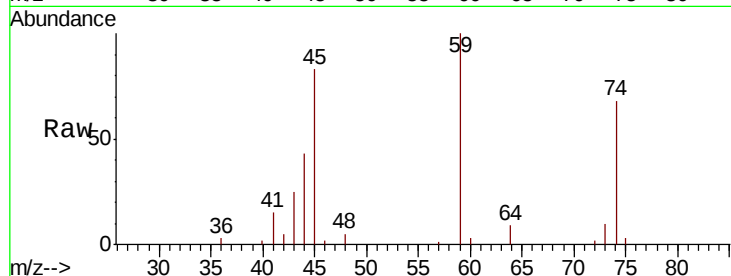
#23
Diethyl Ether
Concen: 2.019 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	82.4	65.2	97.8
74	67.4	54.2	81.4

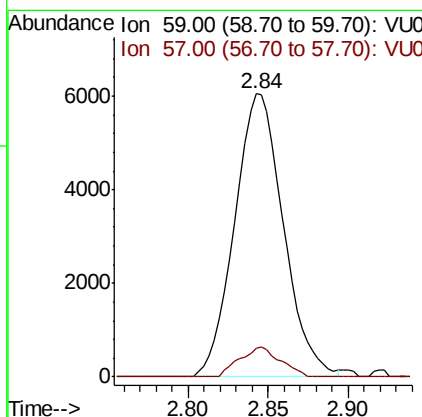
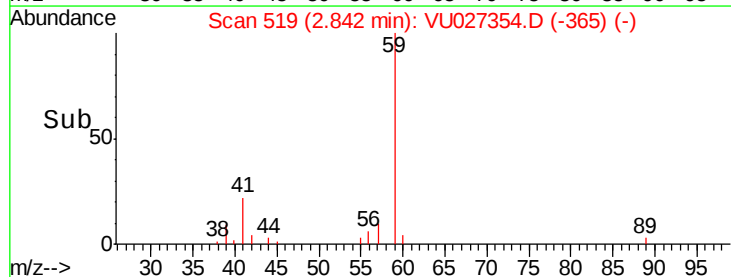
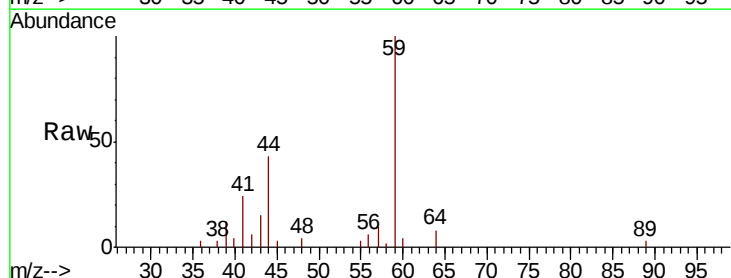
Manual Integrations
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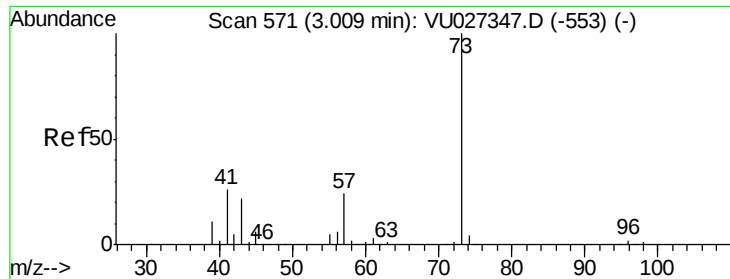
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#24
tert-Butyl Alcohol
Concen: 20.843 ug/l
RT: 2.84 min Scan# 519
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.2	12.2





#25

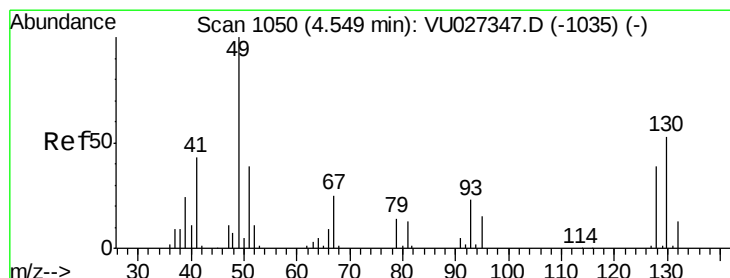
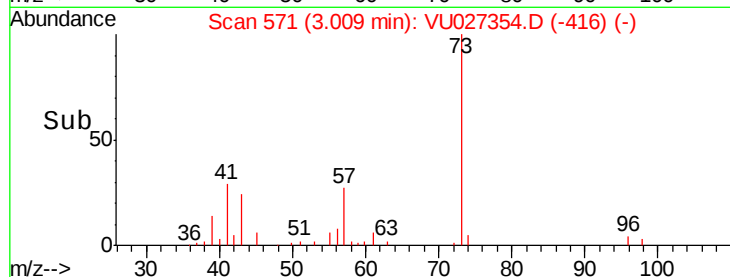
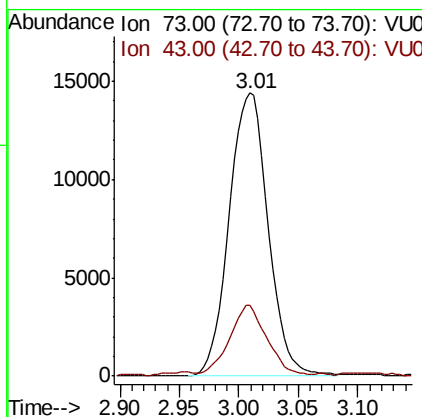
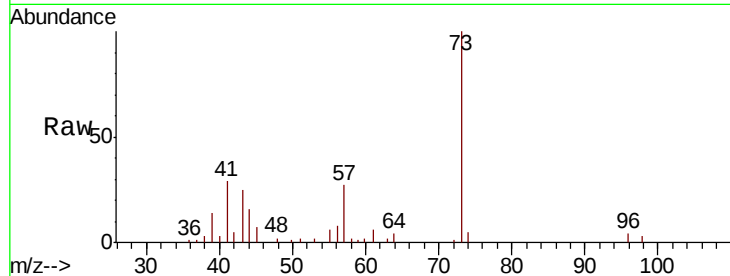
Methyl tert-Butyl Ether
 Concen: 1.956 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.8	17.6	26.4

Manual Integrations
 APPROVED

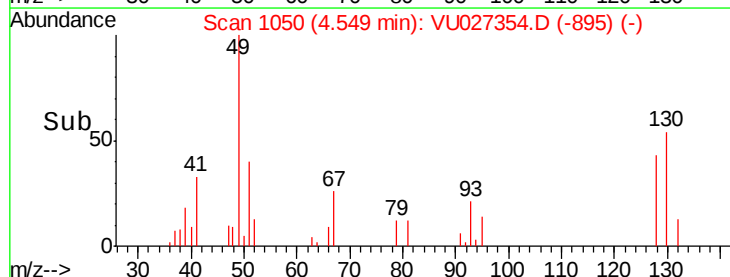
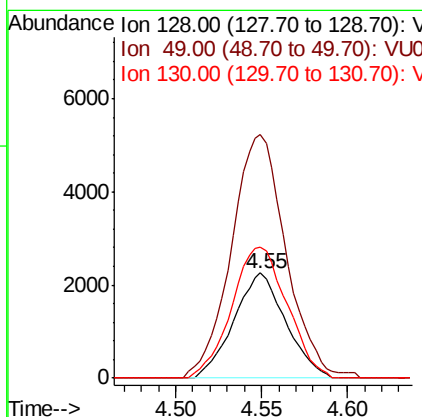
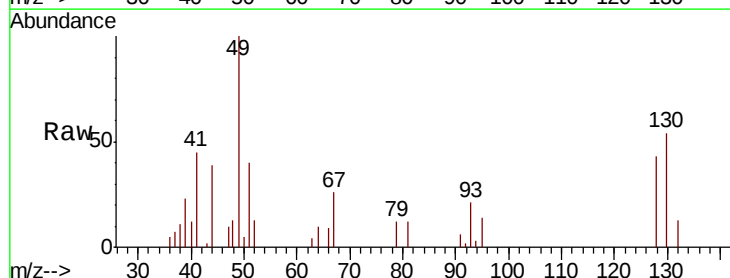
apatel
 10/5/2018 11:56:46 AM

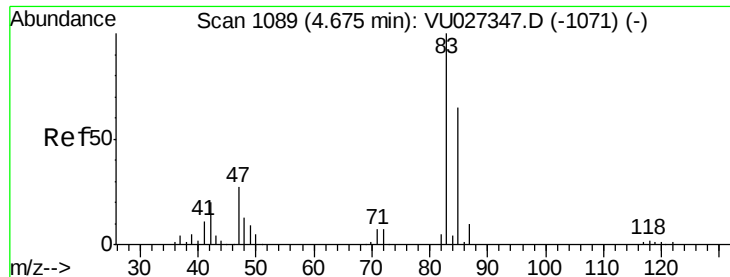


#26

Bromochloromethane
 Concen: 1.829 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
128	100		
49	244.3	0.0	498.8
130	133.6	103.8	155.8





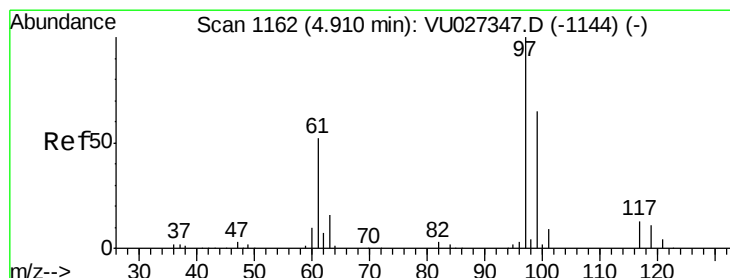
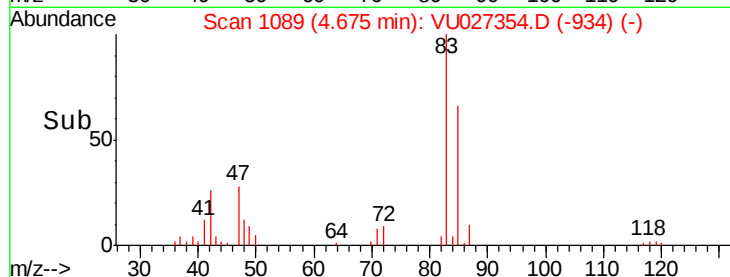
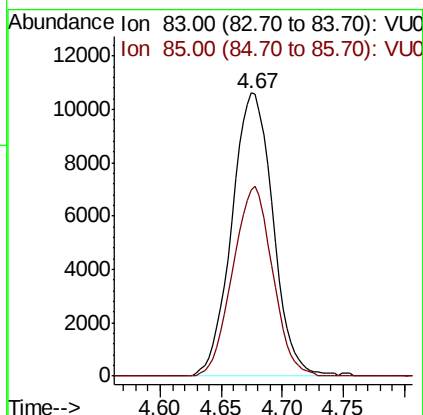
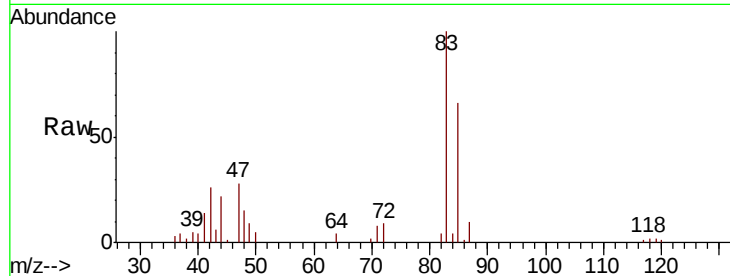
#27
Chloroform
Concen: 1.930 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	83	Resp	24828
Ion Ratio	100	Lower	Upper
85	65.7	0.0	129.4

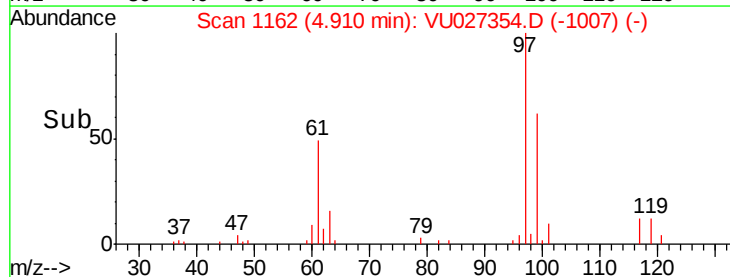
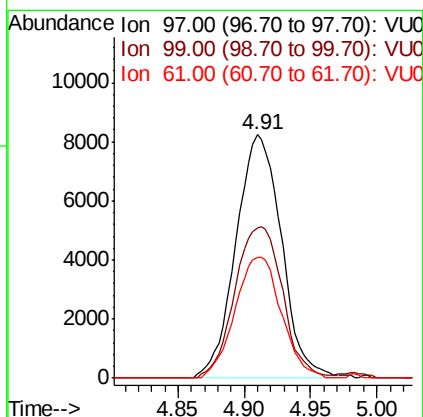
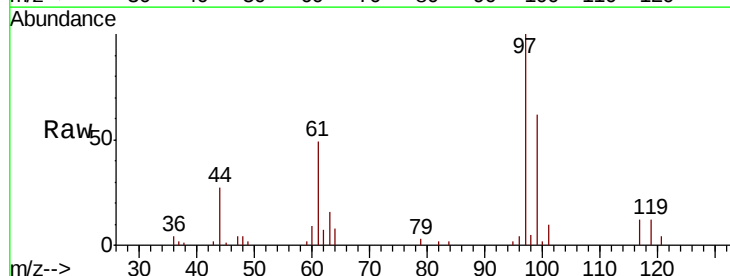
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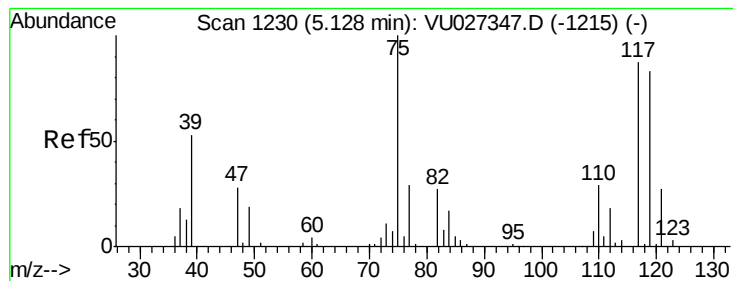
apatel
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#28
1,1,1-Trichloroethane
Concen: 1.889 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	97	Resp	19714
Ion Ratio	100	Lower	Upper
99	65.1	31.9	95.9
61	50.6	25.7	77.1





#29

1,1-Dichloropropene

Concen: 1.917 ug/l

RT: 5.13 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion: 75 Resp: 18014

Ion Ratio Lower Upper

75 100

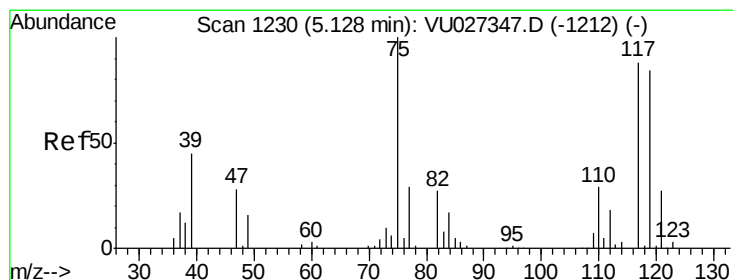
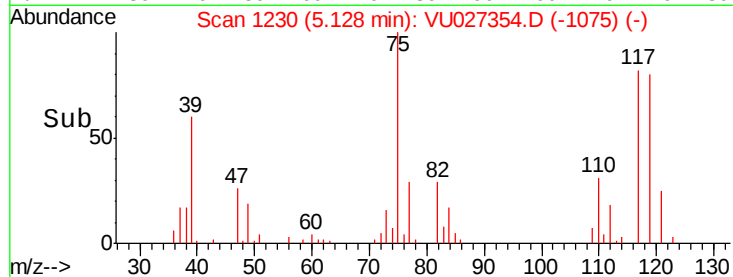
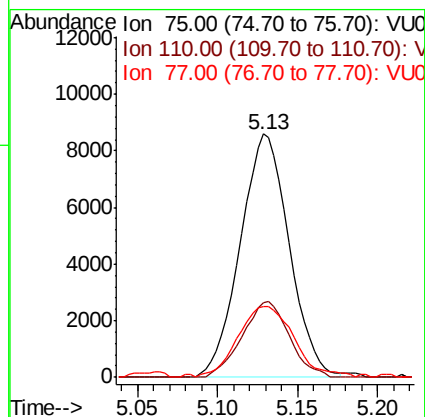
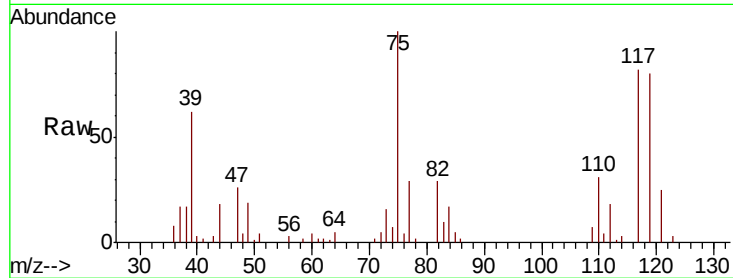
110 29.9 15.0 45.0

77 33.4 24.2 36.2

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#30

Carbon Tetrachloride

Concen: 1.916 ug/l

RT: 5.12 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

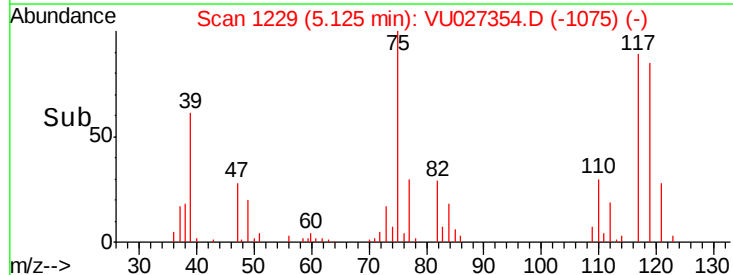
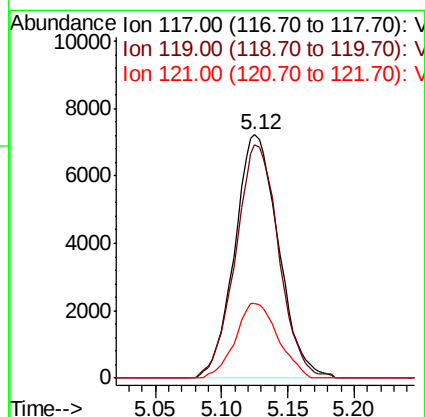
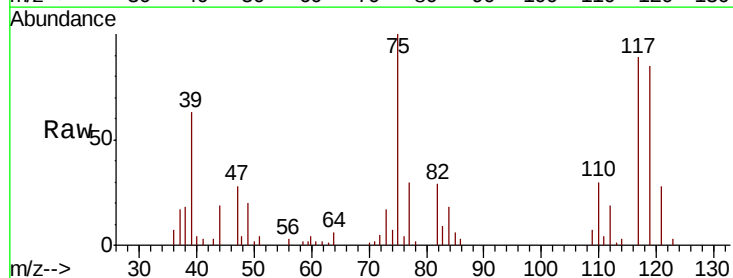
Tgt Ion: 117 Resp: 16539

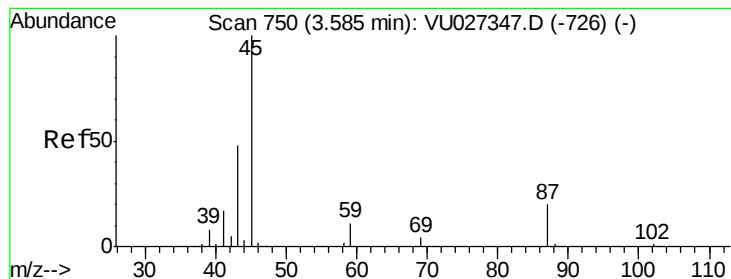
Ion Ratio Lower Upper

117 100

119 96.1 75.9 113.9

121 30.9 24.6 37.0





#31

Isopropyl Ether

Concen: 1.847 ug/l

RT: 3.58 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampled :

VU1003WBSD01

Tot Ion: 45 Resp: 49513

Ion Ratio Lower Upper

45 100

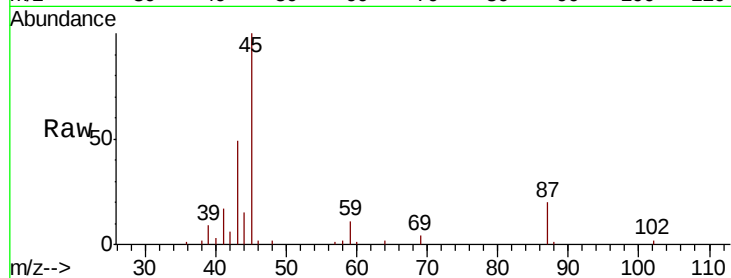
43 48.1 24.1 72.3

Manual Integrations

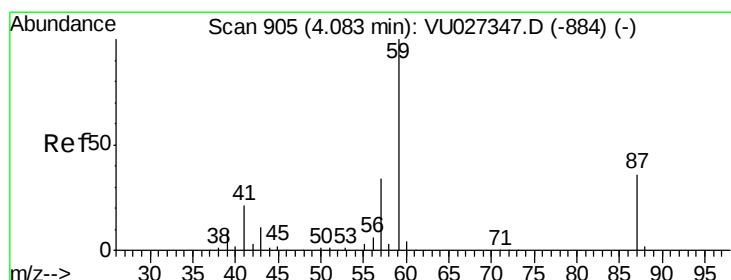
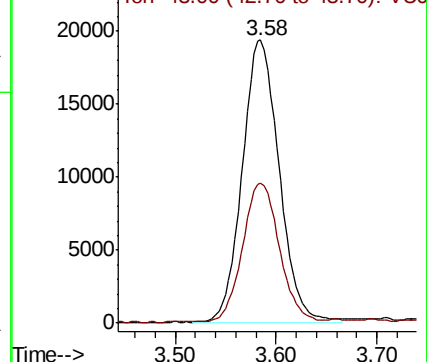
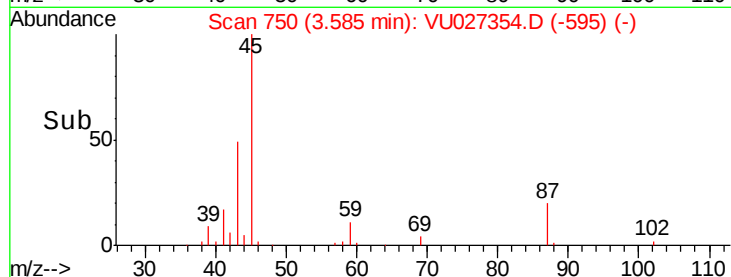
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Abundance Ion 45.00 (44.70 to 45.70): VU027354.D (-595) (-)



#32

Ethyl-t-butyl ether

Concen: 1.878 ug/l

RT: 4.09 min Scan# 906

Delta R.T. 0.00 min

Lab File: VU027354.D

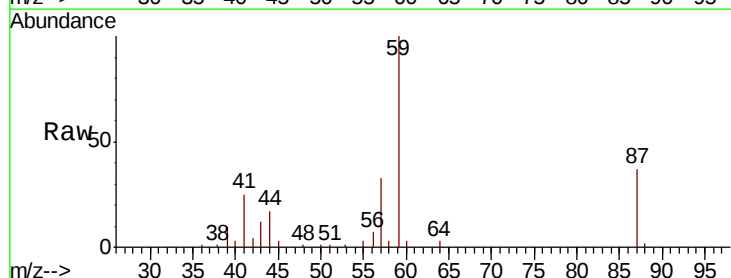
Acq: 02 Oct 2018 21:08

Tgt Ion: 59 Resp: 39316

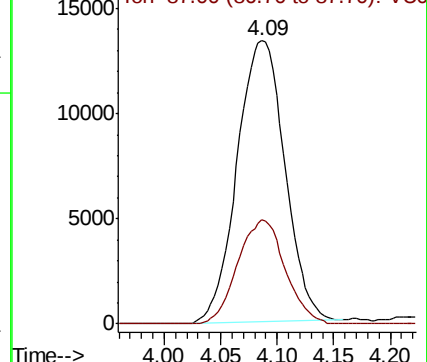
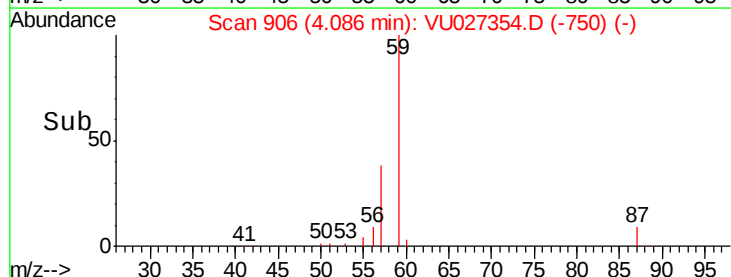
Ion Ratio Lower Upper

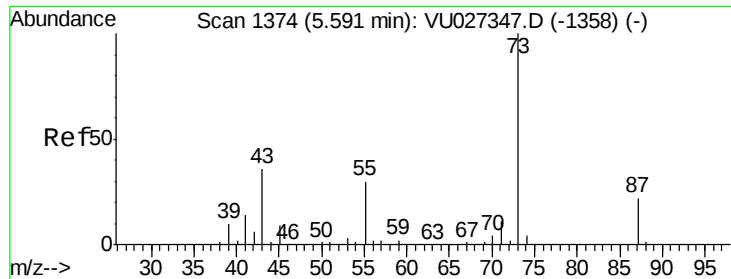
59 100

87 36.6 28.6 42.8



Abundance Ion 59.00 (58.70 to 59.70): VU027354.D (-750) (-)





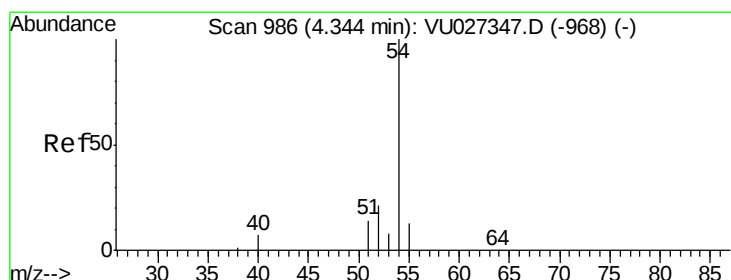
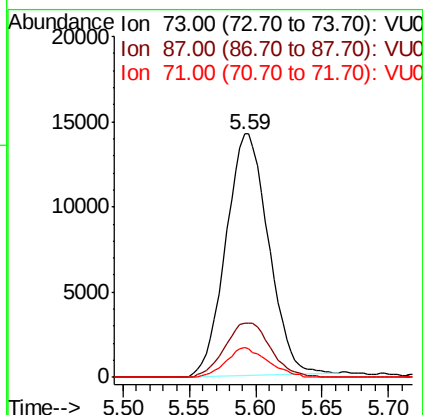
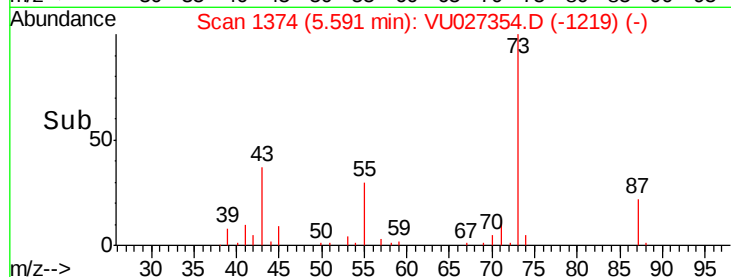
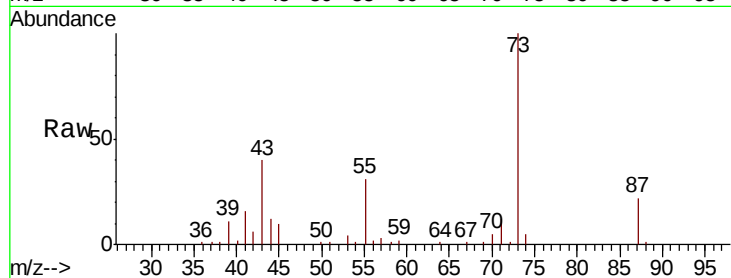
#33
Tert-Amvl methvl ether
Concen: 1.893 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.0	18.1	27.1
71	12.1	9.2	13.8

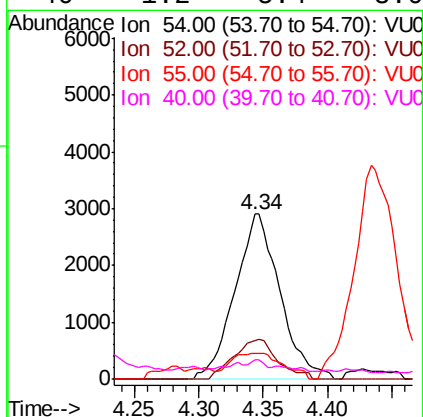
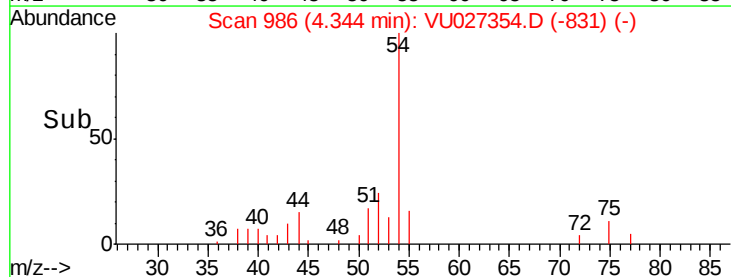
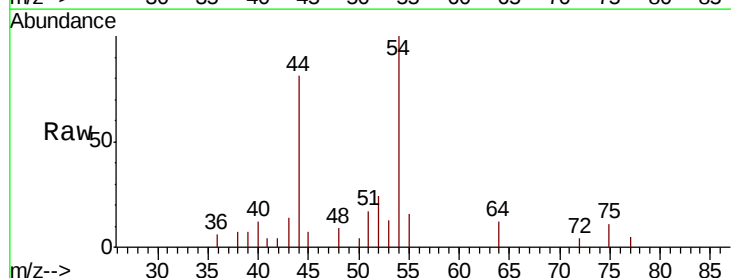
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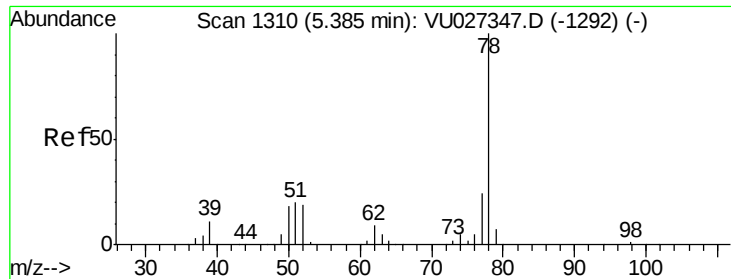
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#34
Propionitrile
Concen: 10.249 ug/l
RT: 4.34 min Scan# 986
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
54	100		
52	23.4	16.9	25.3
55	18.2	13.9	20.9
40	1.2	5.4	8.0#





#35

Benzene

Concen: 1.876 ug/l

RT: 5.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion: 78 Resp: 51565

Ion Ratio Lower Upper

78 100

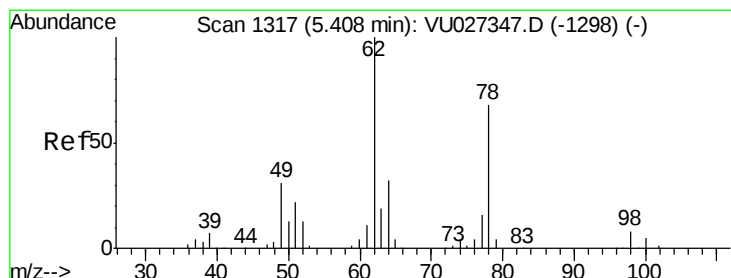
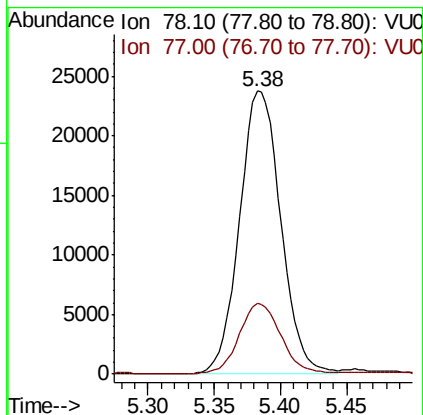
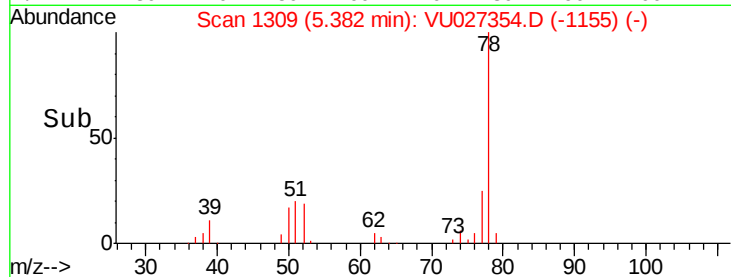
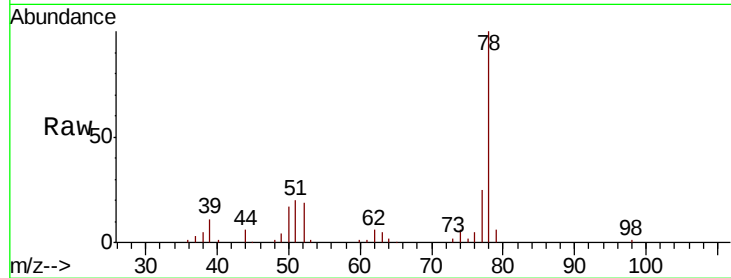
77 25.1 19.5 29.3

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#36

1,2-Dichloroethane

Concen: 1.916 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU027354.D

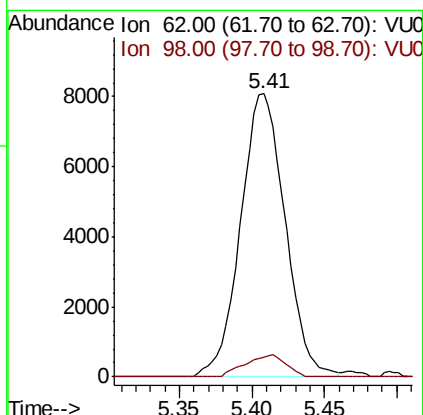
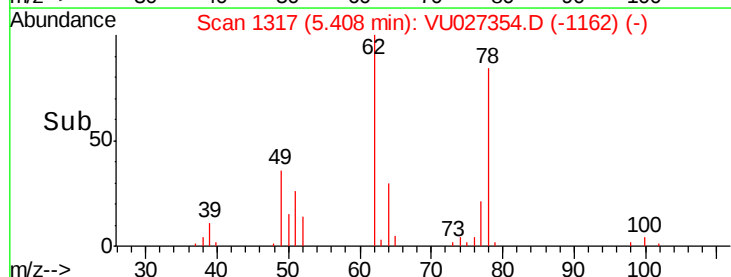
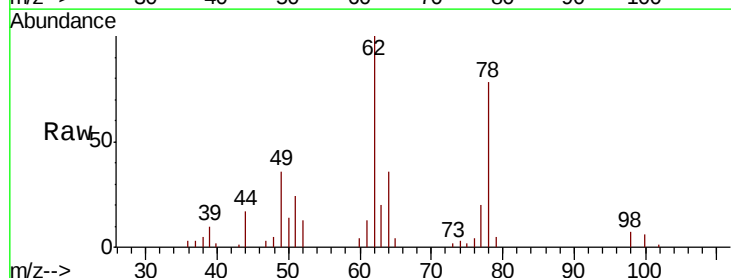
Acq: 02 Oct 2018 21:08

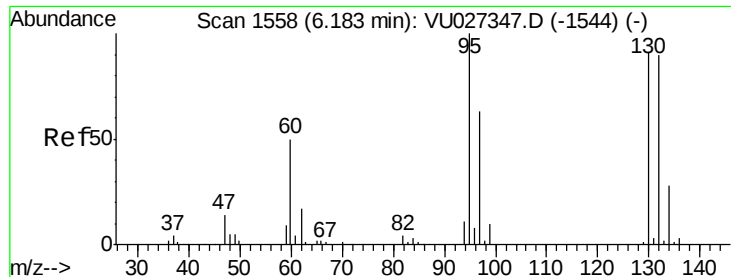
Tgt Ion: 62 Resp: 17261

Ion Ratio Lower Upper

62 100

98 7.2 6.2 9.2





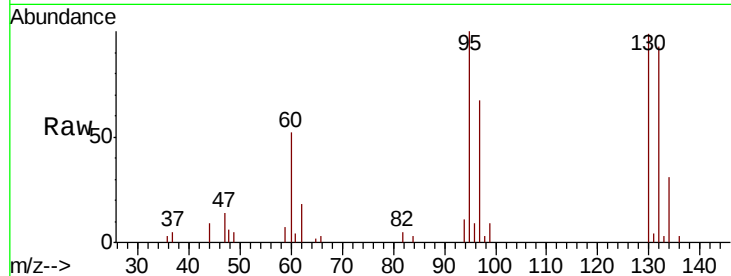
#37
 Trichloroethene
 Concen: 1.889 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

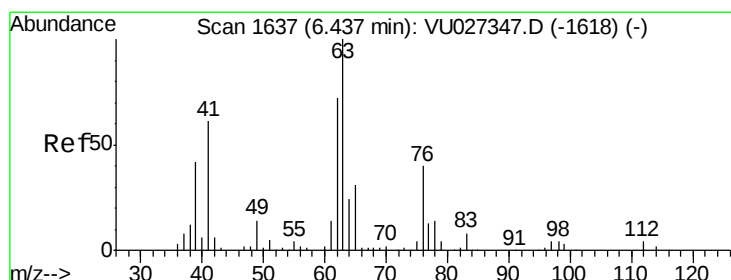
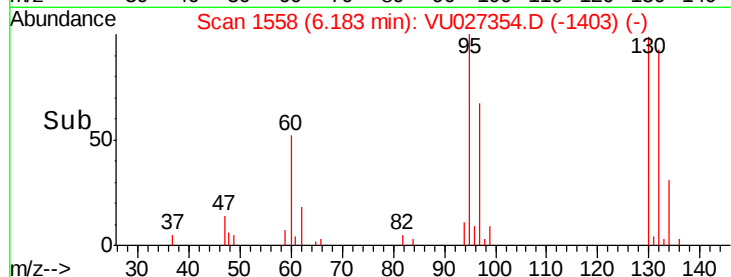
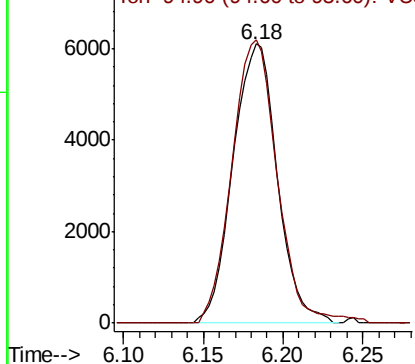
Tot Ion:130 Resp: 11524
 Ion Ratio Lower Upper
 130 100
 95 101.4 87.6 131.4

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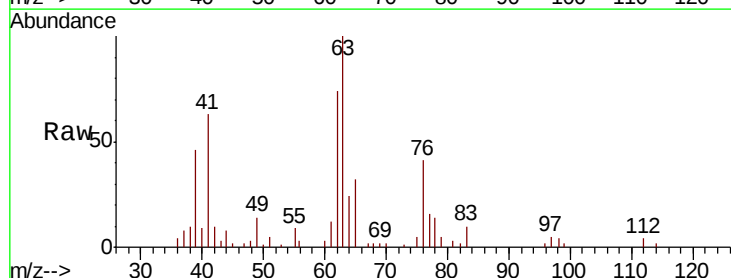


Abundance Ion 129.90 (129.60 to 130.60): VU027347.D (-1544) (-)
 Ion 94.90 (94.60 to 95.60): VU027347.D (-1544) (-)

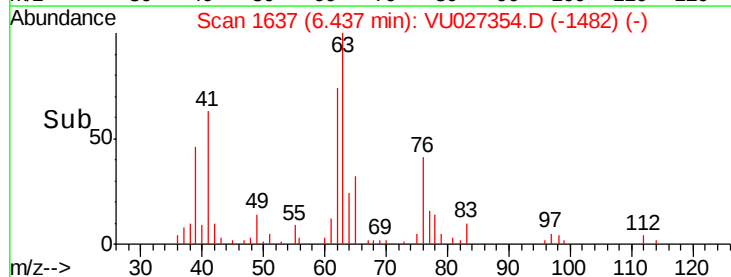
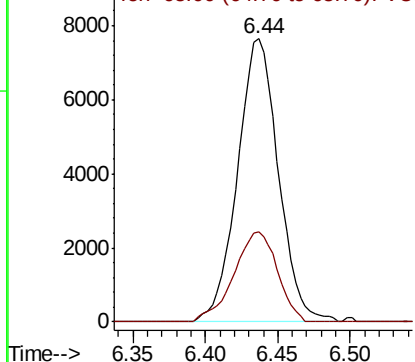


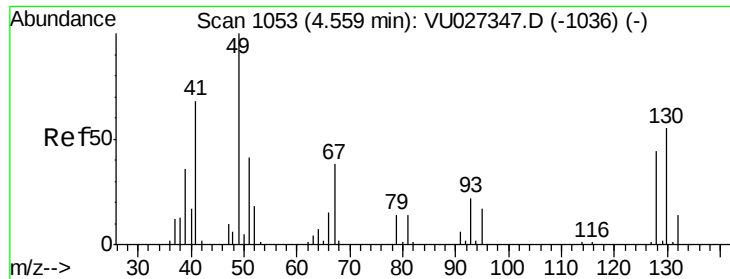
#38
 1,2-Dichloropropane
 Concen: 1.810 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion: 63 Resp: 15034
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027347.D (-1618) (-)
 Ion 65.00 (64.70 to 65.70): VU027347.D (-1618) (-)





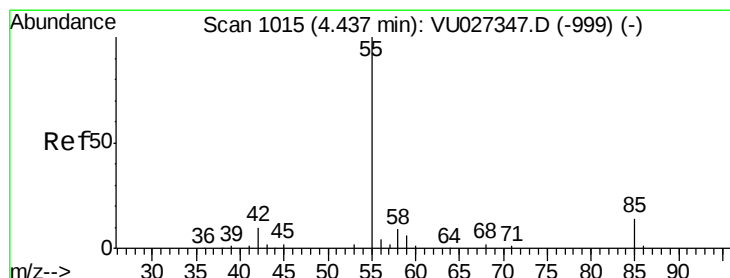
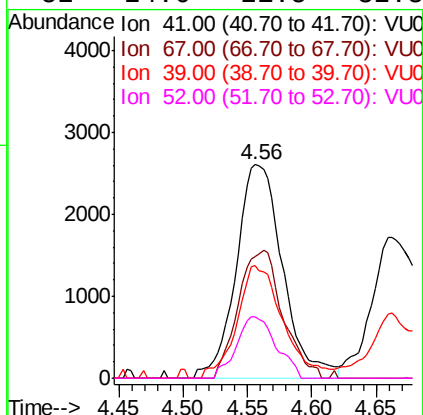
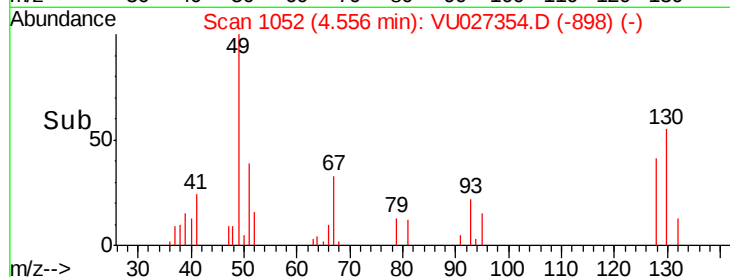
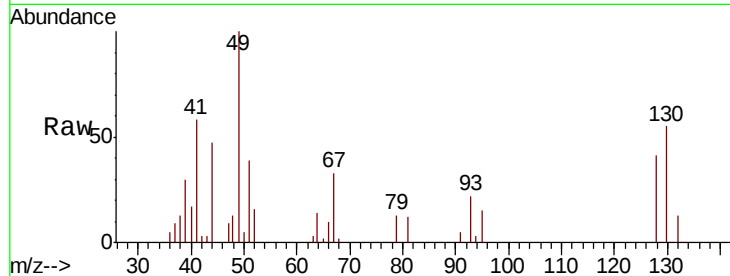
#39
Methacrylonitrile
Concen: 1.828 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion:	41	Resp:	6549
Ion	Ratio	Lower	Upper
41	100		
67	57.0	46.2	69.2
39	52.3	43.8	65.6
52	24.6	21.5	32.3

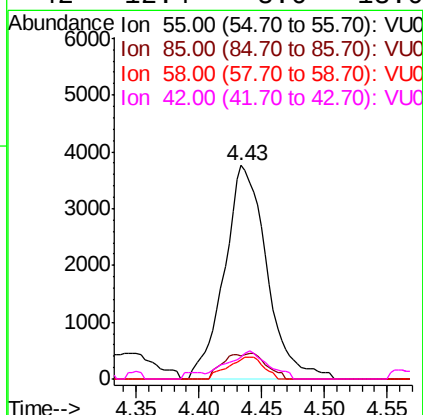
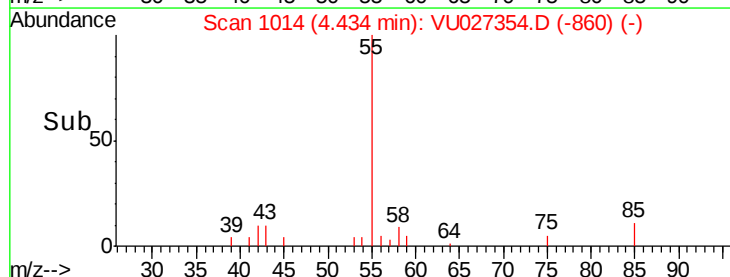
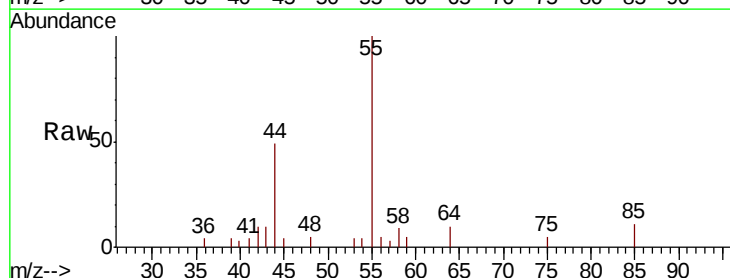
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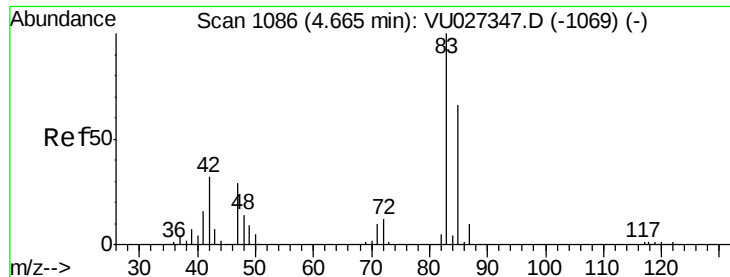
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#40
Methyl acrylate
Concen: 1.937 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion:	55	Resp:	8835
Ion	Ratio	Lower	Upper
55	100		
85	5.7	11.8	17.8#
58	8.6	7.3	10.9
42	12.4	8.6	13.0





#41

Tetrahydrofuran

Concen: 4.139 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

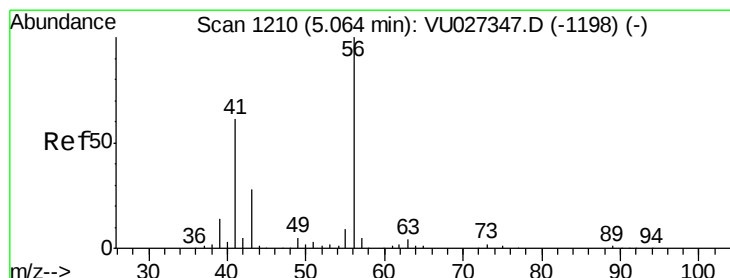
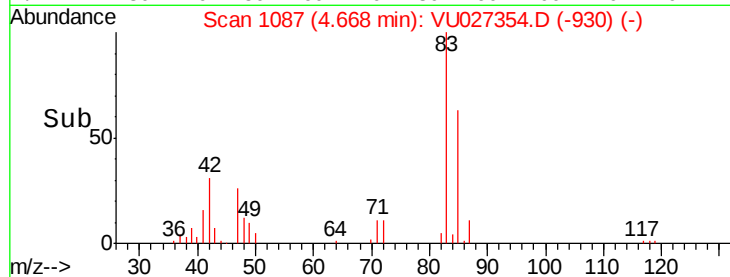
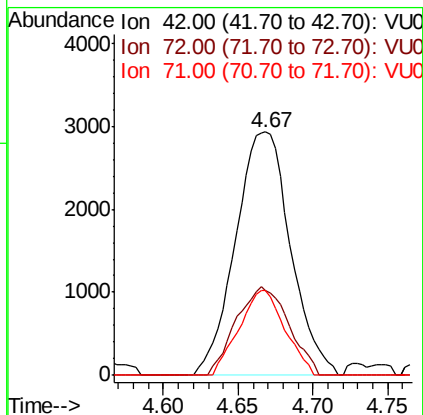
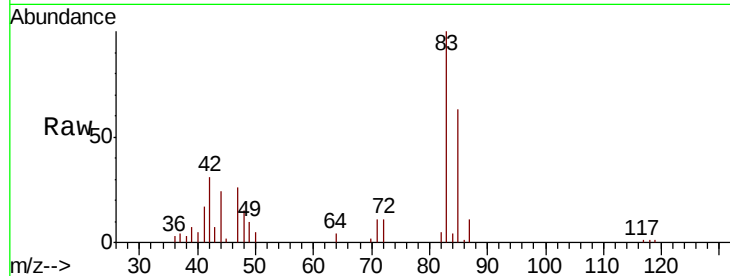
ClientSampleId :

VU1003WBSD01

Tot Ion:	42	Resp:	7510
Ion	Ratio	Lower	Upper
42	100		
72	34.6	29.2	43.8
71	28.9	25.8	38.8

Manual Integrations
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#42

1-Chlorobutane

Concen: 1.853 ug/l

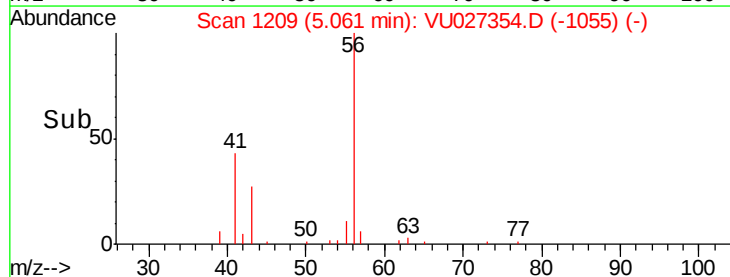
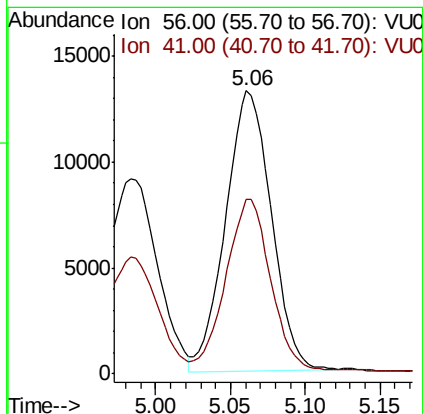
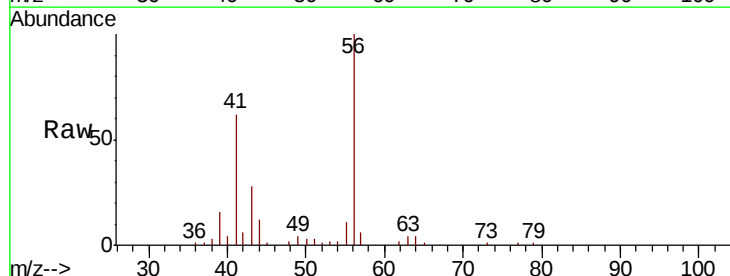
RT: 5.06 min Scan# 1209

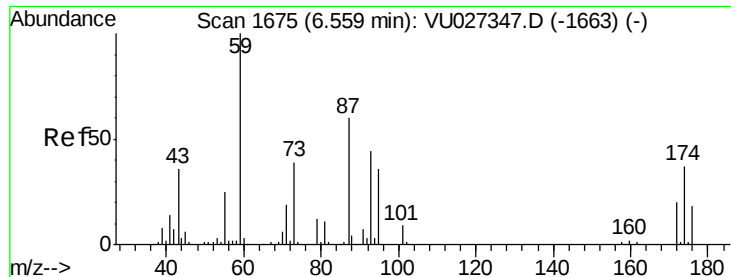
Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Tgt Ion:	56	Resp:	28020
Ion	Ratio	Lower	Upper
56	100		
41	60.1	28.7	86.3





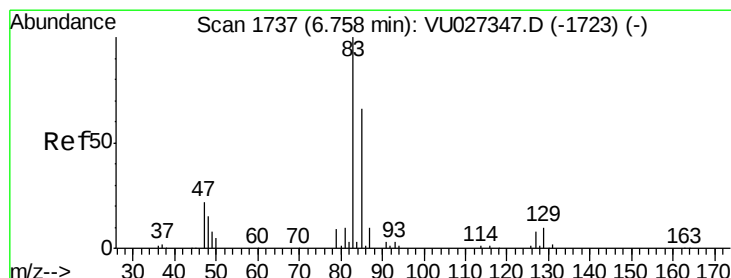
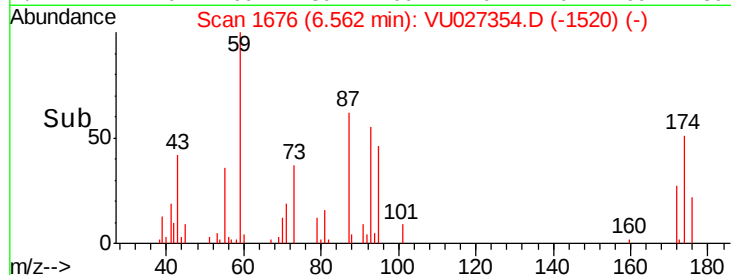
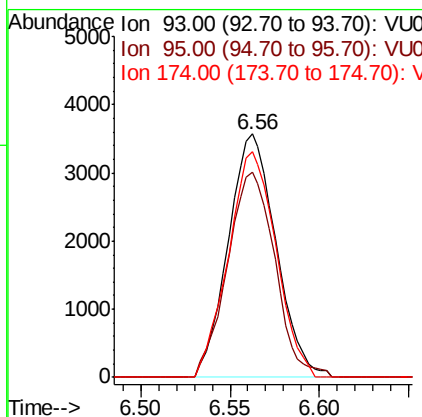
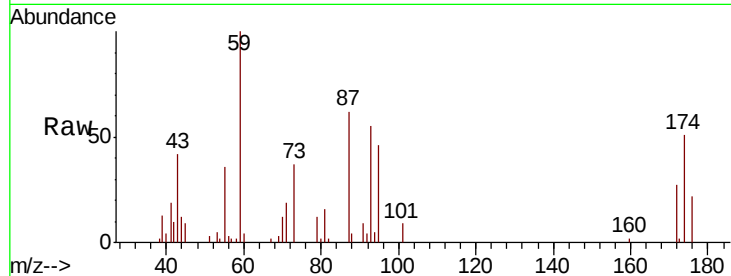
#43
Dibromomethane
Concen: 1.924 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion: 93 Resp: 6650
Ion Ratio Lower Upper
93 100
95 83.7 64.7 97.1
174 92.2 68.2 102.4

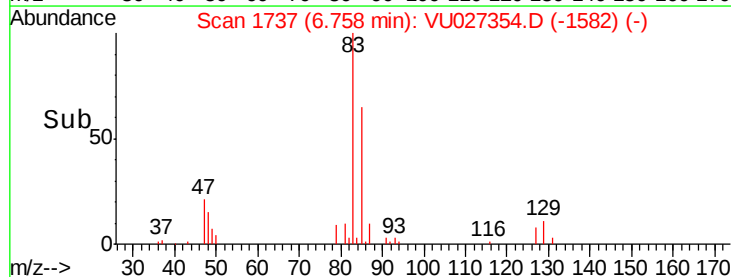
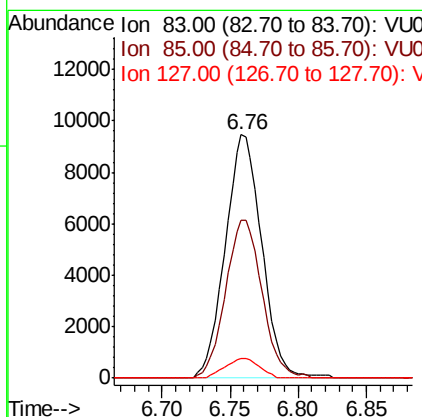
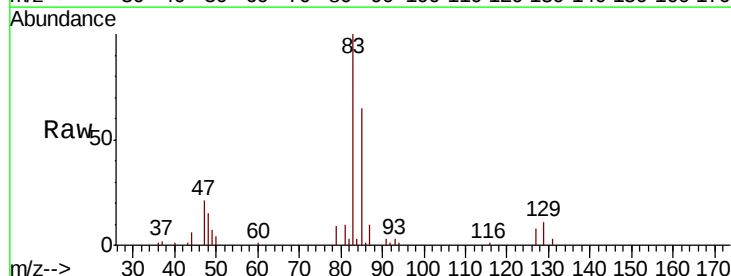
Manual Integrations
APPROVED

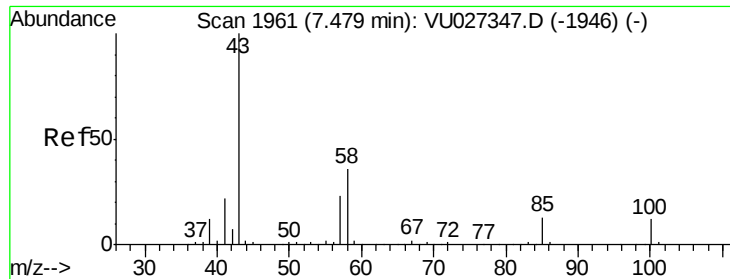
apatel
10/5/2018 11:56:46 AM



#44
Bromodichloromethane
Concen: 1.872 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion: 83 Resp: 17562
Ion Ratio Lower Upper
83 100
85 64.6 52.6 79.0
127 7.9 6.2 9.2





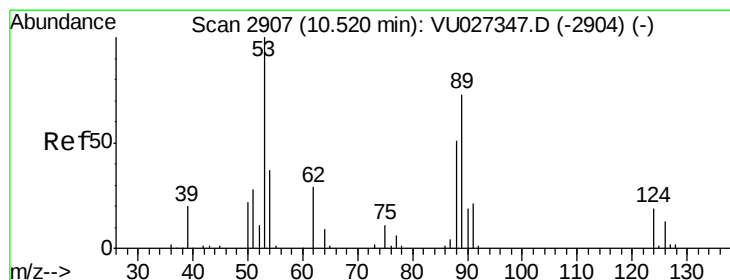
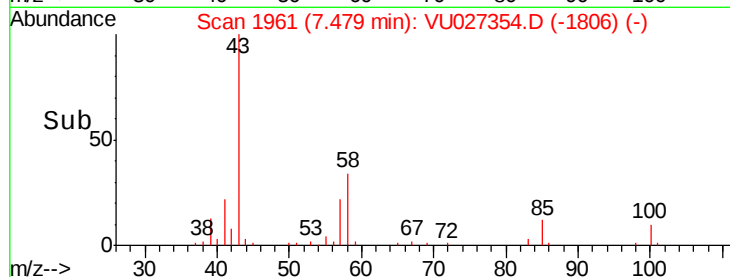
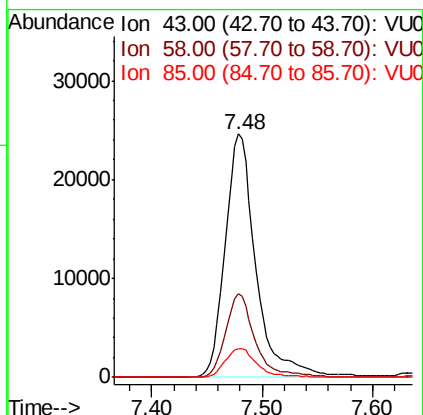
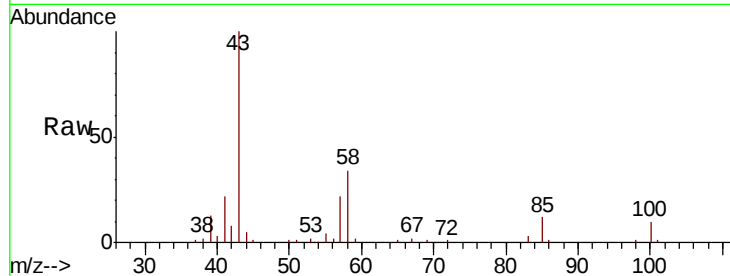
#45
4-Methyl-2-Pentanone
Concen: 8.936 ug/l
RT: 7.48 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.1	17.9	53.8
85	12.1	10.6	16.0

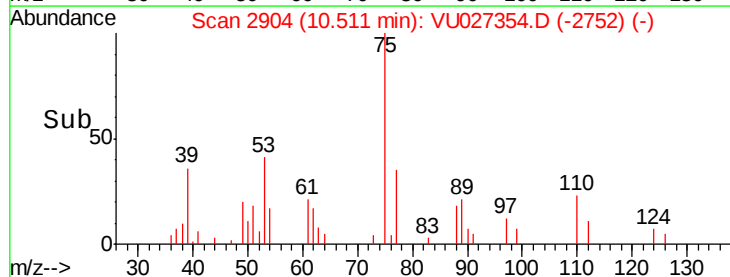
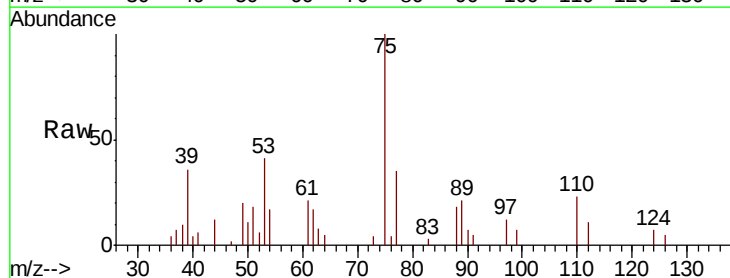
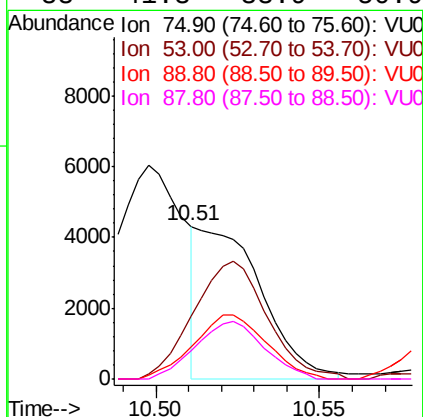
Manual Integrations
APPROVED

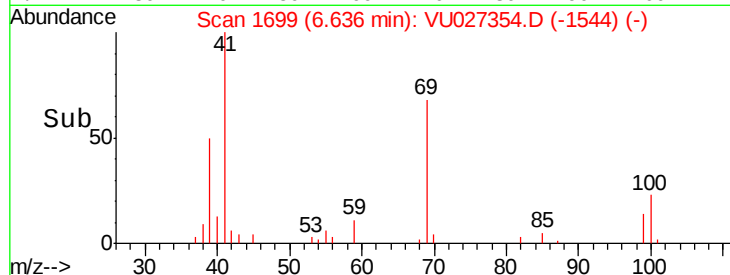
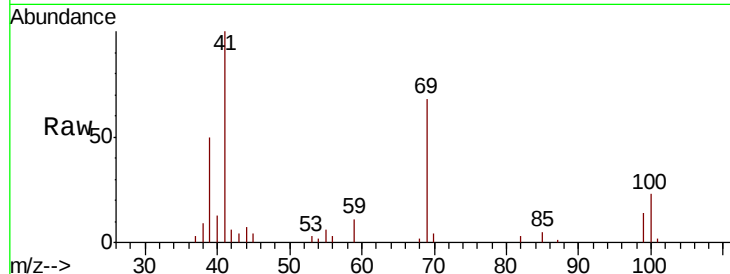
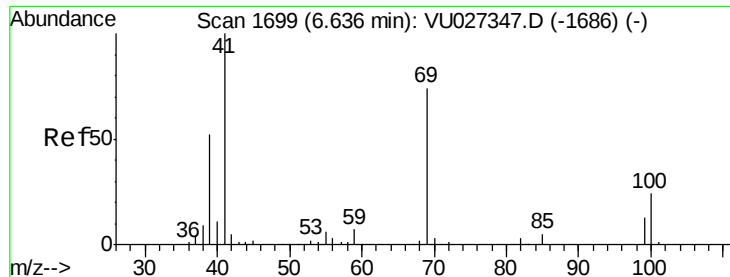
apatel
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#46
t-1,4-Dichloro-2-butene
Concen: 3.742 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.3	75.7	113.5
89	48.7	42.6	64.0
88	41.3	33.9	50.9





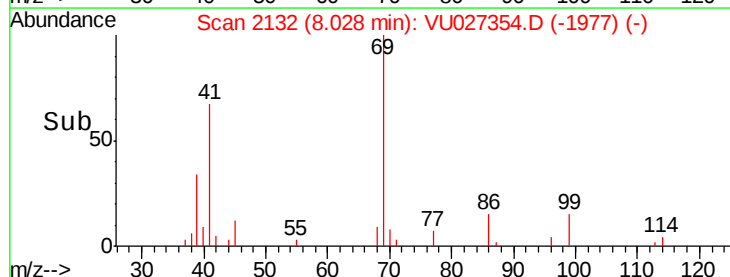
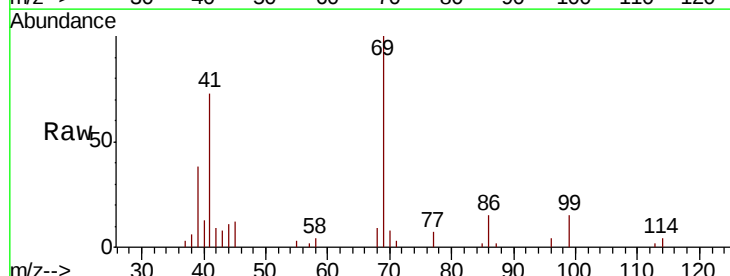
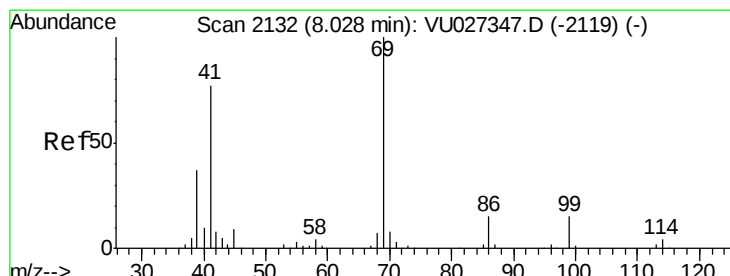
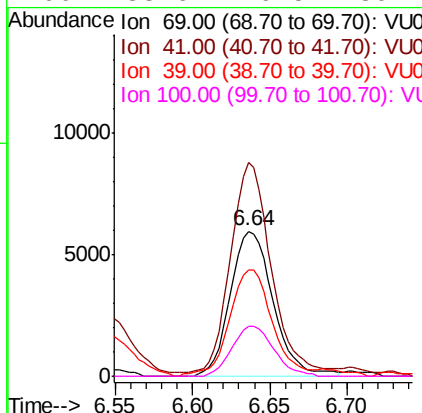
#47
Methyl methacrylate
Concen: 3.298 ug/l
RT: 6.64 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	133.6	0.0	272.2	
39	72.8	56.4	84.6	
100	33.6	26.5	39.7	

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

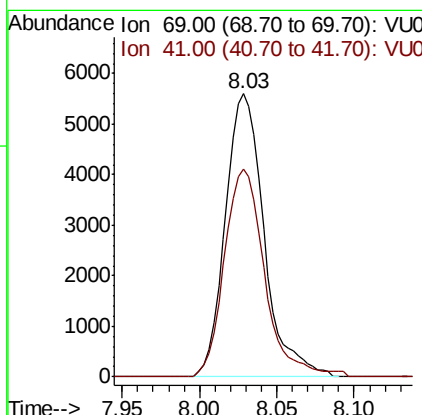
Manual Integrations
APPROVED

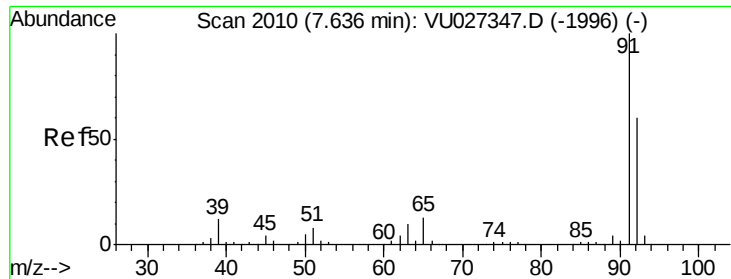
apatel
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#48
Ethyl methacrylate
Concen: 1.607 ug/l
RT: 8.03 min Scan# 2132
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	76.4	38.9	116.7	





#49

Toluene

Concen: 1.642 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion: 92 Resp: 24668

Ion Ratio Lower Upper

92 100

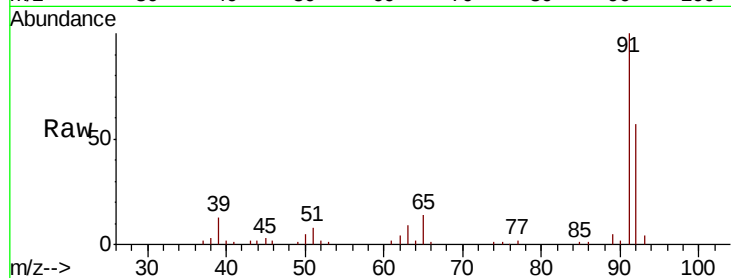
91 179.8 136.4 204.6

Manual Integrations

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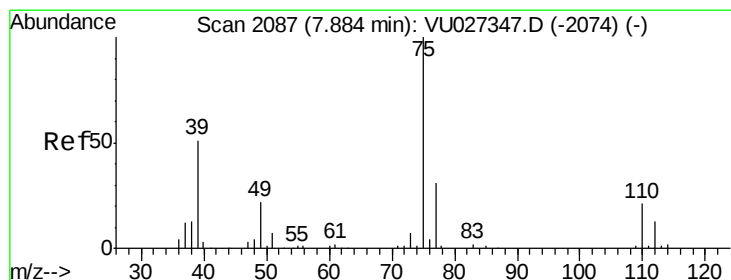
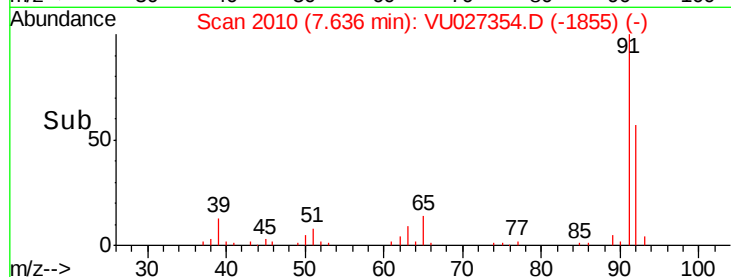
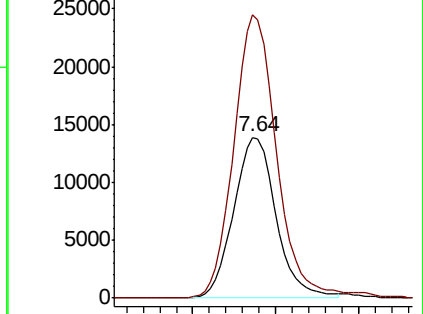
apatel

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Abundance Ion 92.00 (91.70 to 92.70): VU027347.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027347.D (-1996) (-)



#50

t-1,3-Dichloropropene

Concen: 1.786 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027354.D

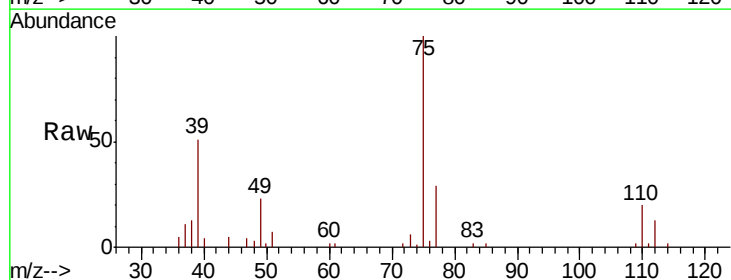
Acq: 02 Oct 2018 21:08

Tgt Ion: 75 Resp: 14881

Ion Ratio Lower Upper

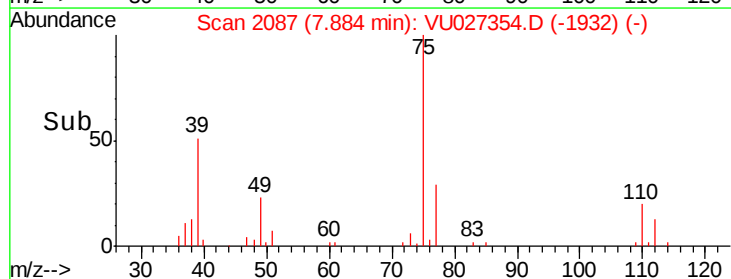
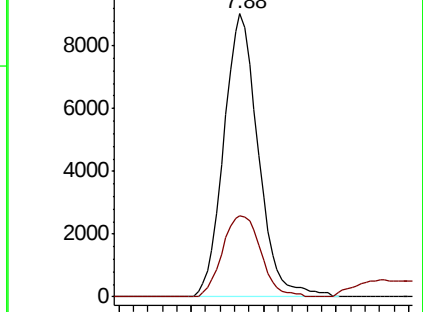
75 100

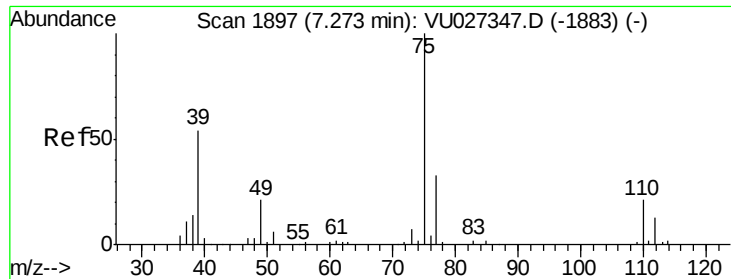
77 28.7 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU027347.D (-2074) (-)

Ion 77.00 (76.70 to 77.70): VU027347.D (-2074) (-)





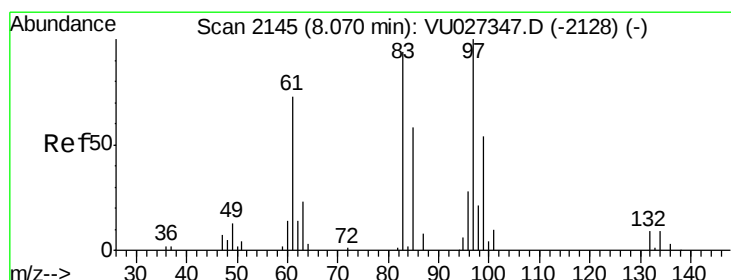
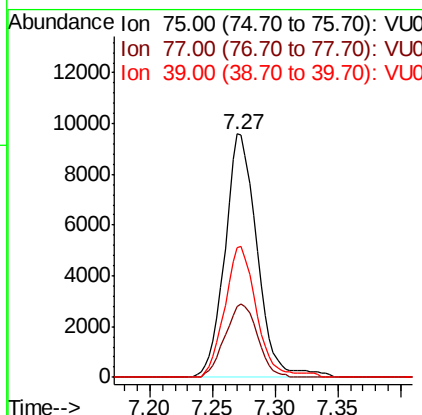
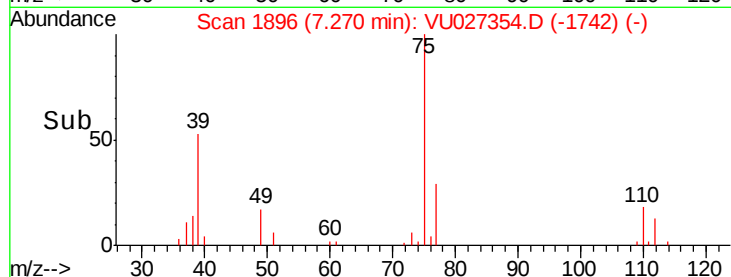
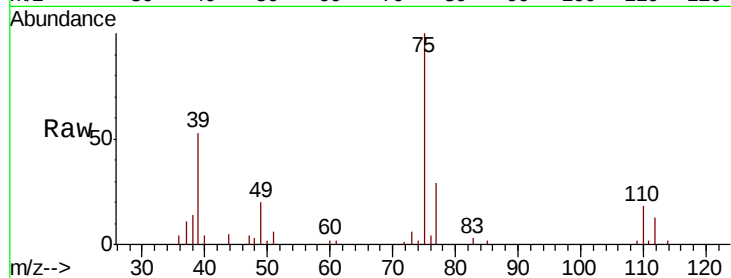
#51
 cis-1,3-Dichloropropene
 Concen: 1.715 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion:	75	Resp:	17113
Ion	Ratio	Lower	Upper
75	100		
77	28.8	26.1	39.1
39	53.4	43.1	64.7

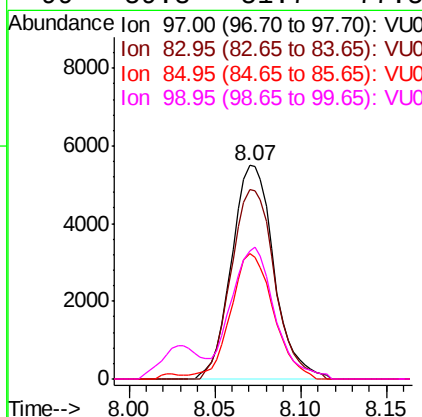
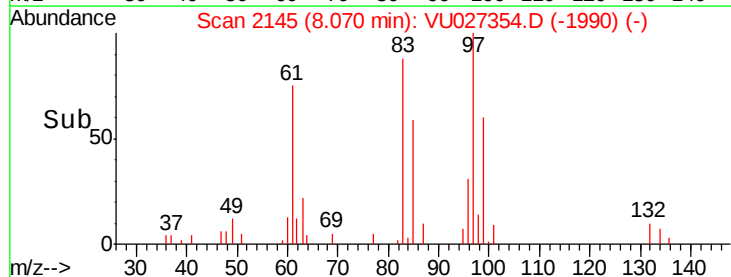
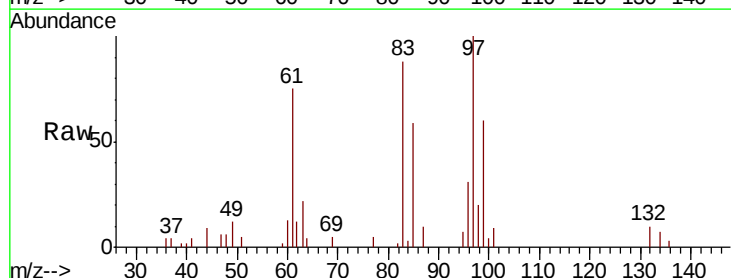
Manual Integrations
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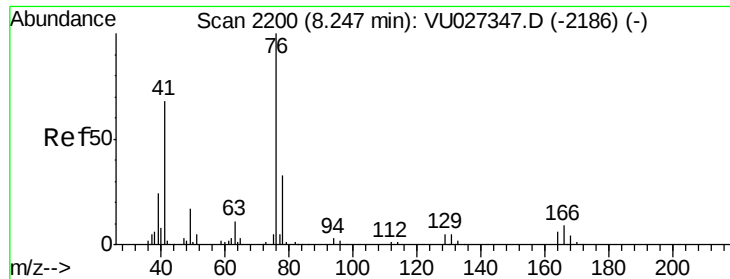
apatel
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#52
 1,1,2-Trichloroethane
 Concen: 1.940 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion:	97	Resp:	9436
Ion	Ratio	Lower	Upper
97	100		
83	88.5	75.3	112.9
85	58.9	47.3	70.9
99	59.8	51.7	77.5





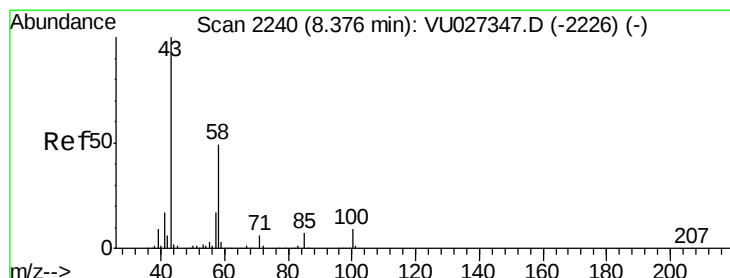
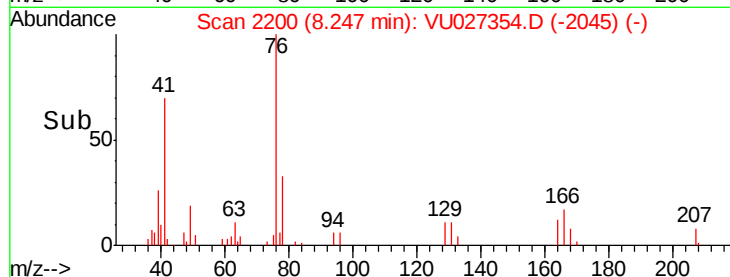
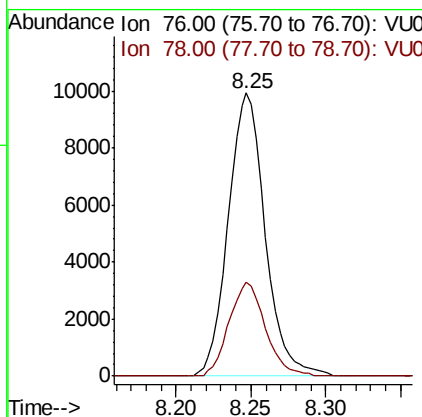
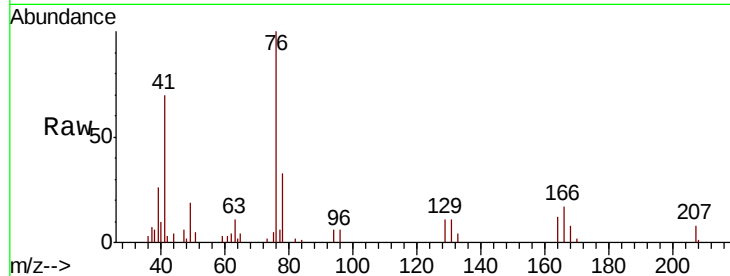
#53
 1,3-Dichloropropane
 Concen: 1.849 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion: 76 Resp: 17064
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

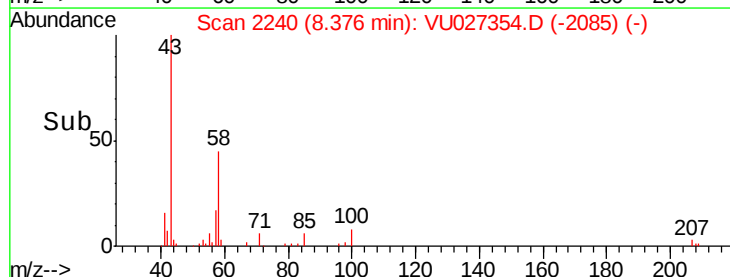
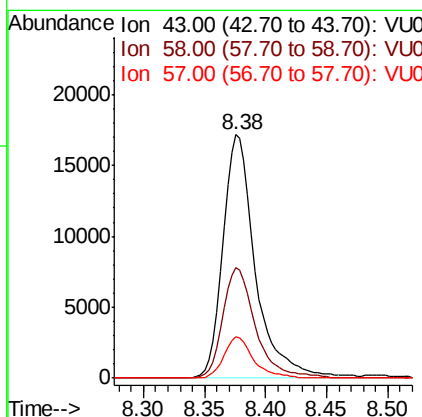
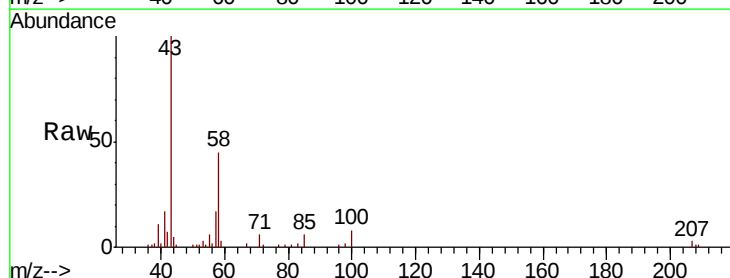
Manual Integrations
 APPROVED

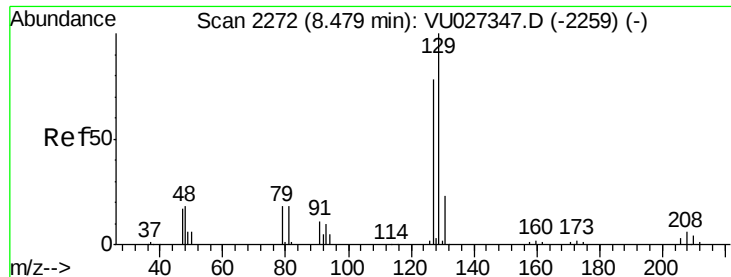
apatel
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#54
 2-Hexanone
 Concen: 8.718 ug/l
 RT: 8.38 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion: 43 Resp: 32062
 Ion Ratio Lower Upper
 43 100
 58 45.8 29.5 69.5
 57 15.3 0.0 37.0





#55

Dibromochloromethane

Concen: 1.897 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion:129 Resp: 10193

Ion Ratio Lower Upper

129 100

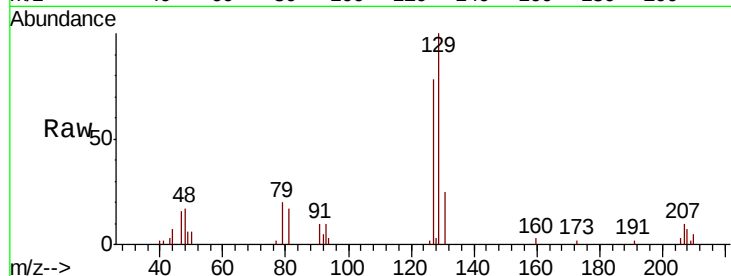
127 77.5 61.8 92.8

Manual Integrations

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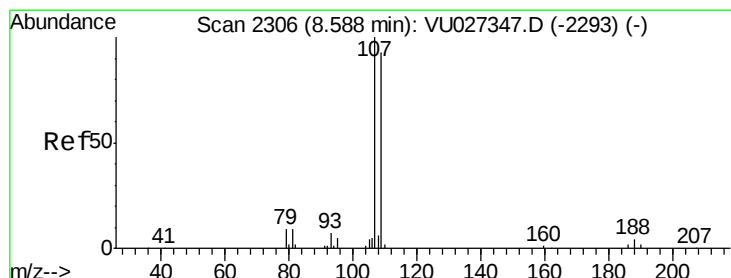
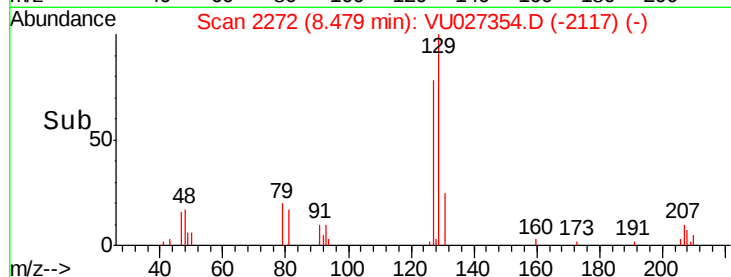
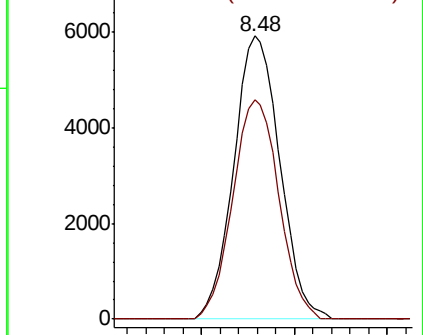
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.921 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027354.D

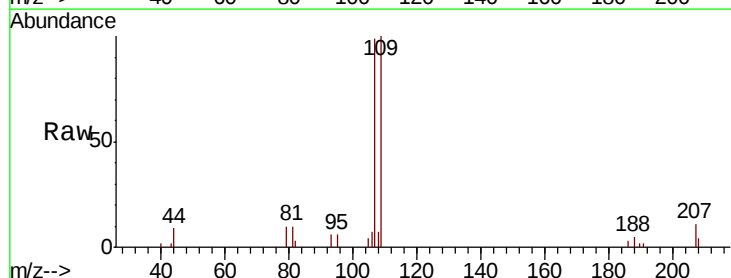
Acq: 02 Oct 2018 21:08

Tgt Ion:107 Resp: 8262

Ion Ratio Lower Upper

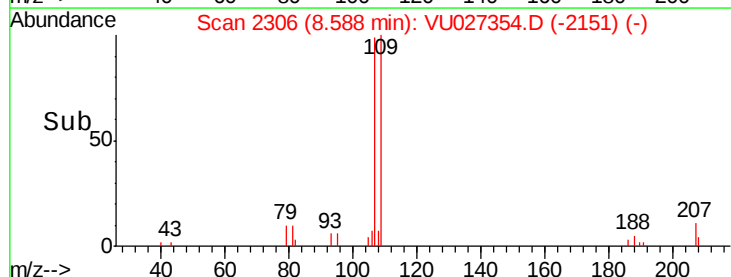
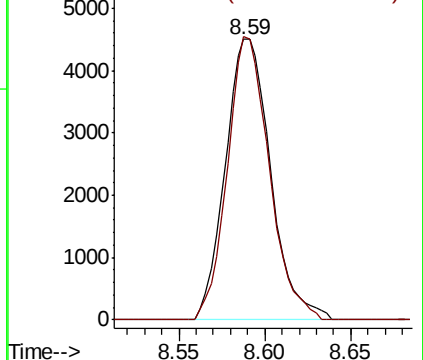
107 100

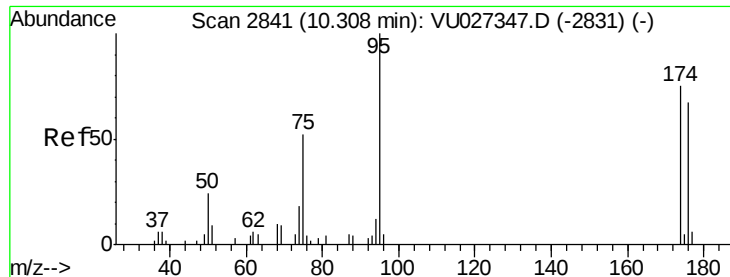
109 93.3 0.0 191.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





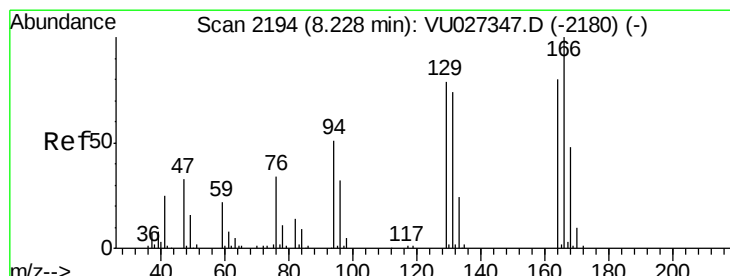
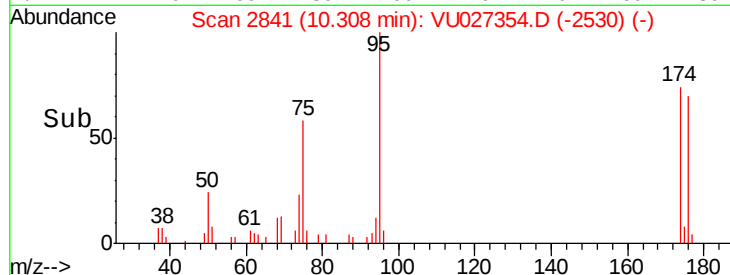
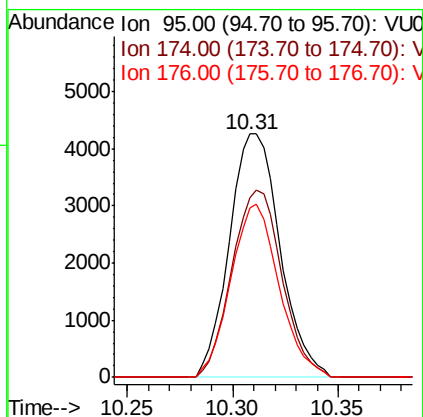
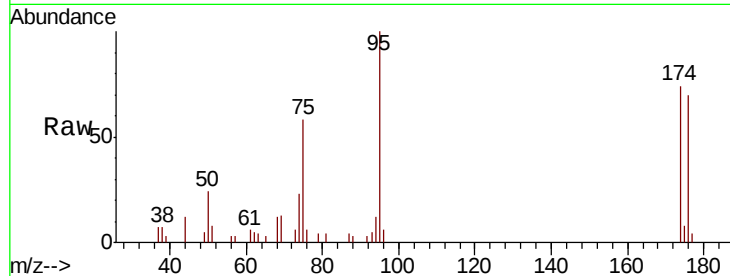
#57
4-Bromofluorobenzene
Concen: 1.921 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
95	100		
174	76.2	61.0	91.6
176	67.7	57.2	85.8

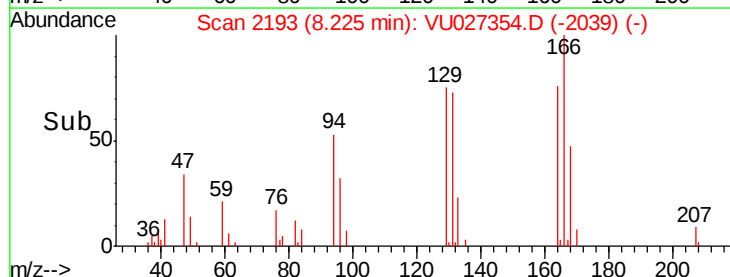
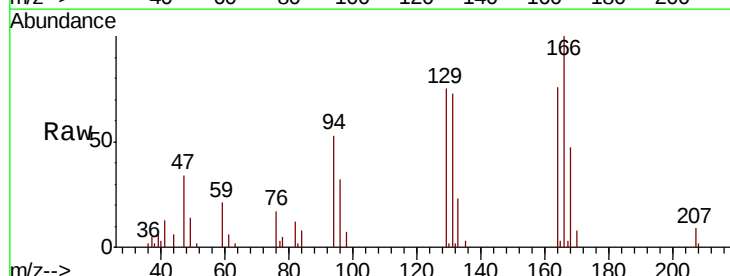
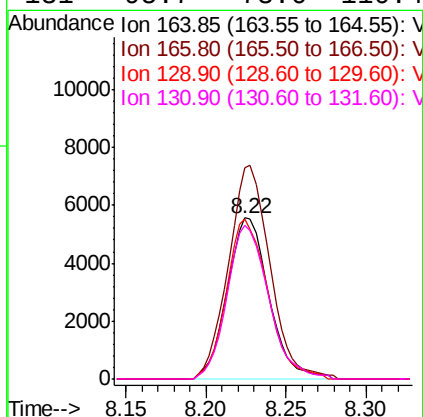
Manual Integrations
APPROVED

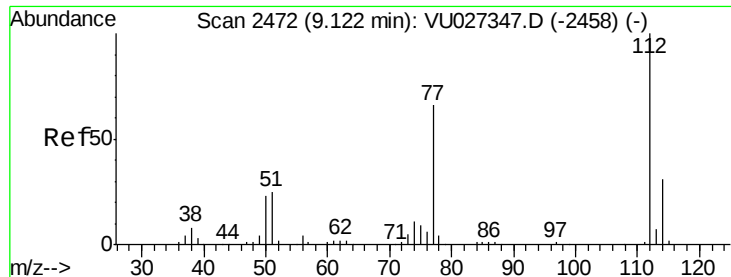
apatel
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#58
Tetrachloroethene
Concen: 1.827 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	99.9	149.9
129	99.0	78.6	117.8
131	95.7	73.6	110.4





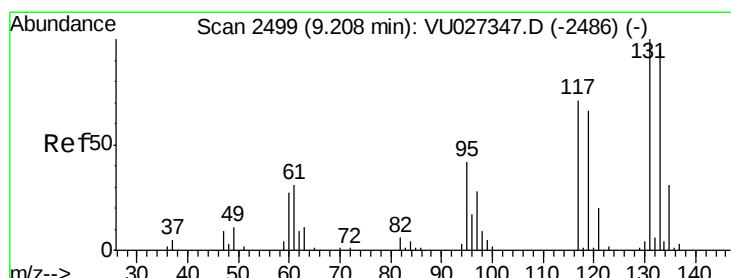
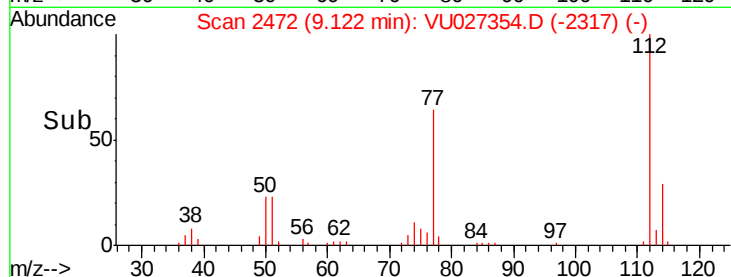
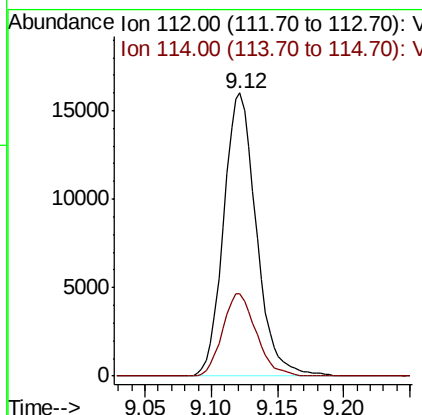
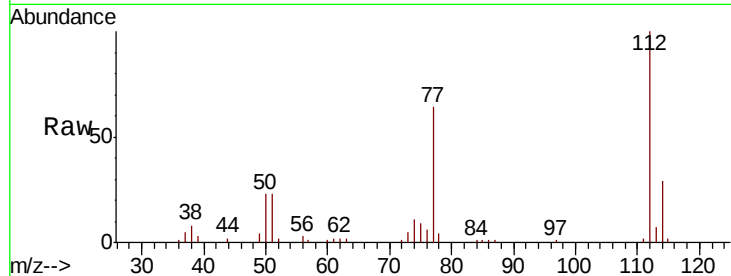
#59
Chlorobenzene
Concen: 1.751 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion:112 Resp: 27441
Ion Ratio Lower Upper
112 100
114 29.2 25.0 37.4

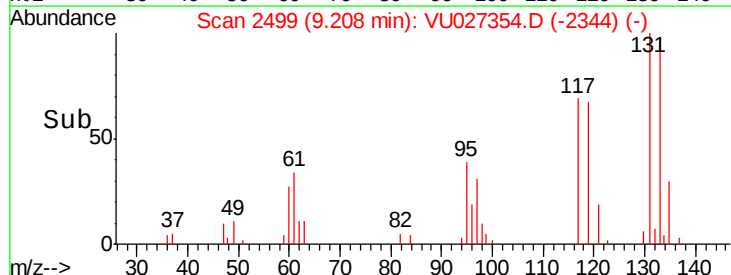
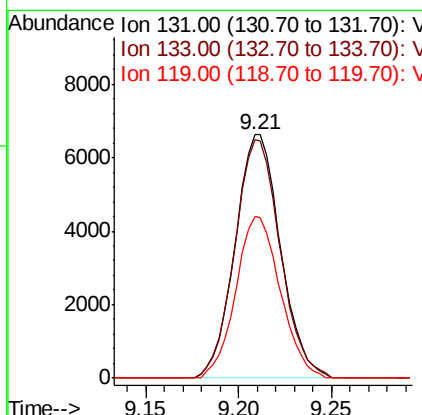
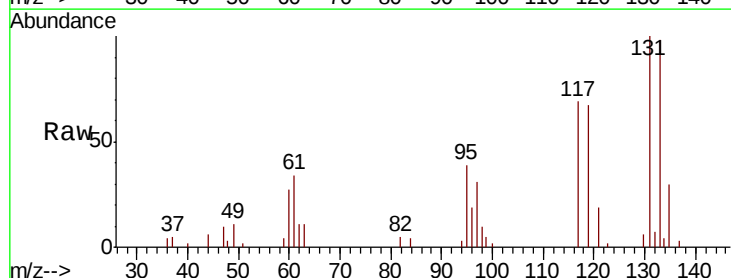
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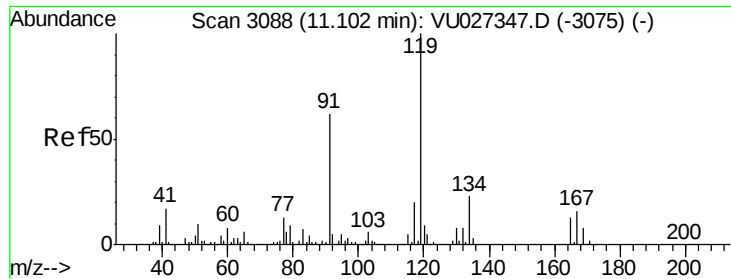
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.874 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion:131 Resp: 11290
Ion Ratio Lower Upper
131 100
133 98.0 77.1 115.7
119 65.0 53.6 80.4





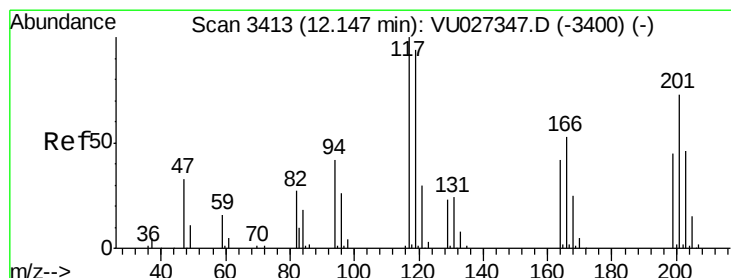
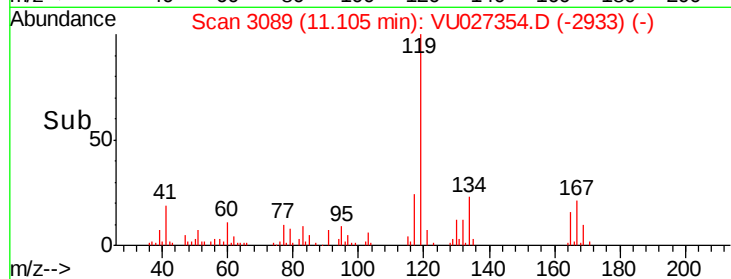
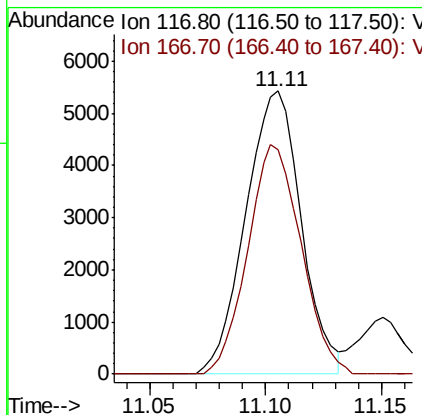
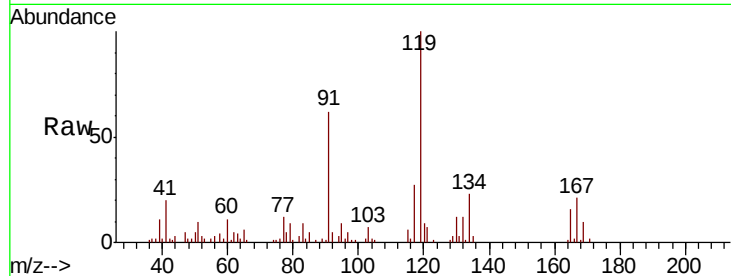
#61
 Pentachloroethane
 Concen: 1.817 ug/l
 RT: 11.11 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion:117 Resp: 9046
 Ion Ratio Lower Upper
 117 100
 167 77.8 62.6 93.8

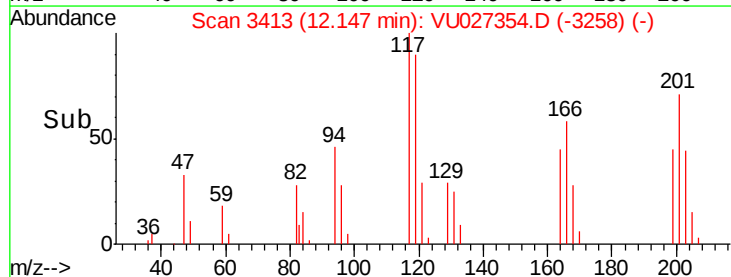
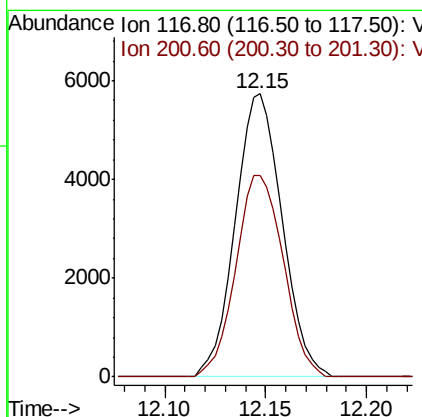
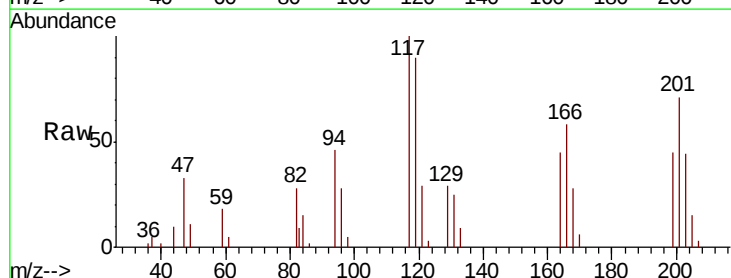
Manual Integrations
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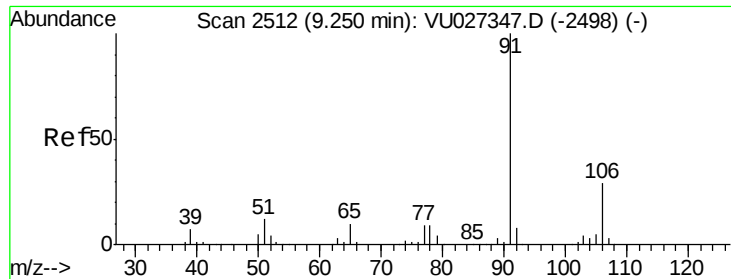
apatel
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#62
 Hexachloroethane
 Concen: 1.966 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion:117 Resp: 9335
 Ion Ratio Lower Upper
 117 100
 201 72.2 59.3 88.9





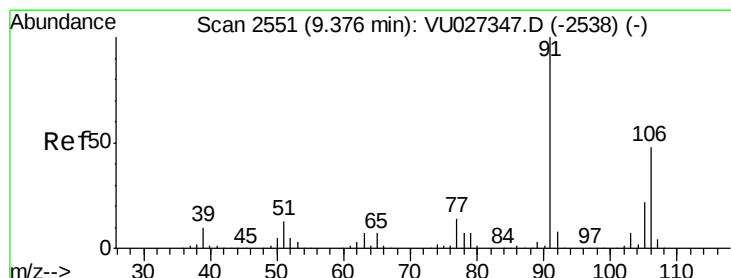
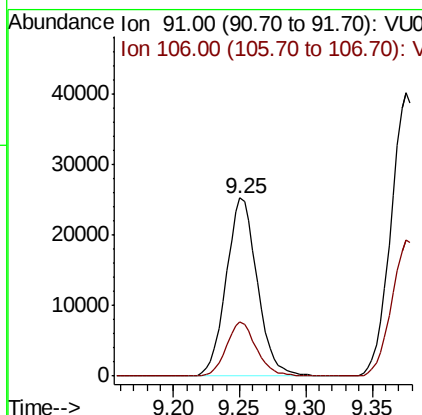
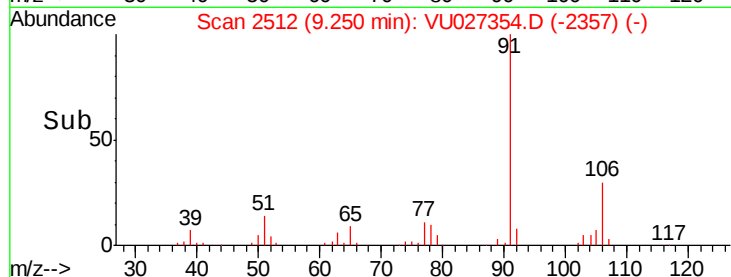
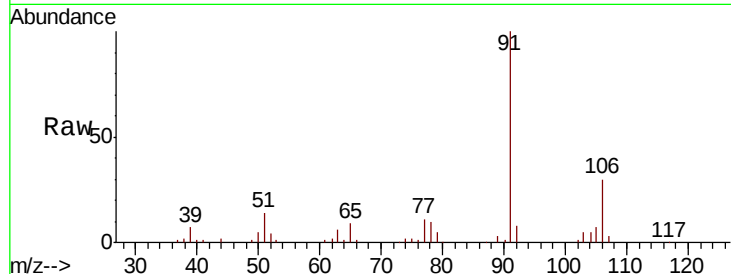
#63
Ethyl Benzene
Concen: 1.531 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion: 91 Resp: 41194
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4

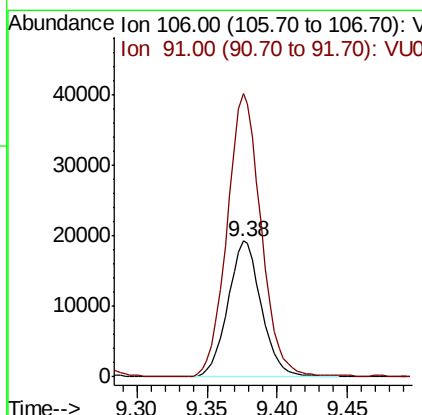
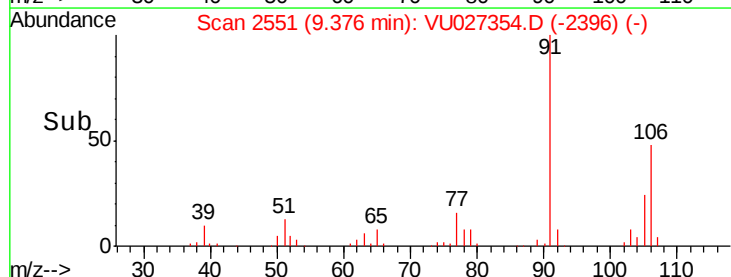
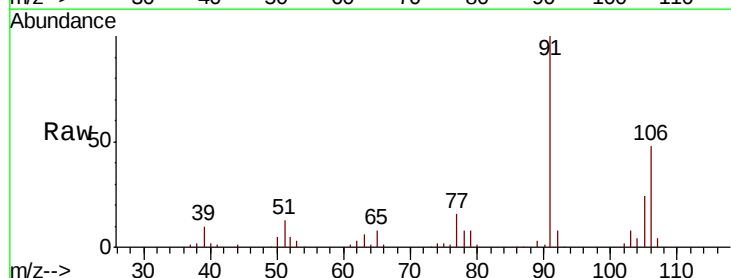
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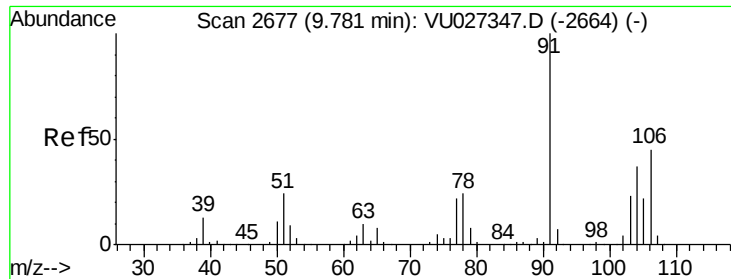
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#64
m/p-Xylenes
Concen: 3.167 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion: 106 Resp: 31942
Ion Ratio Lower Upper
106 100
91 211.3 169.8 254.8





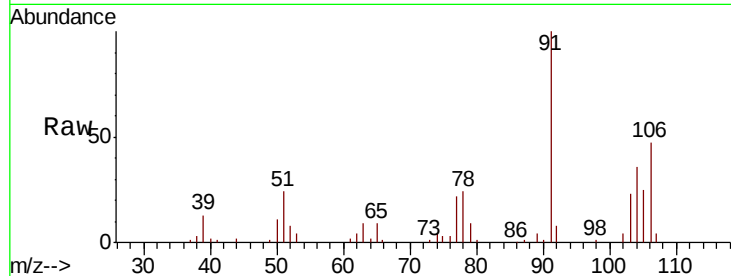
#65
o-Xylene
Concen: 1.635 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

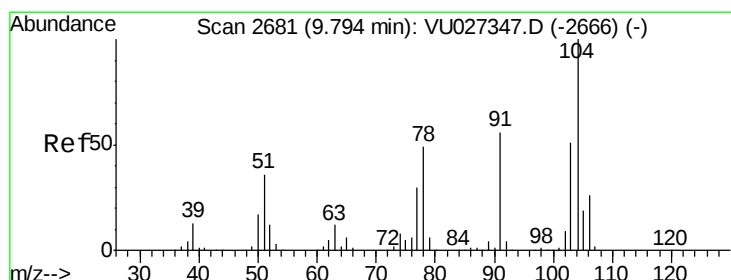
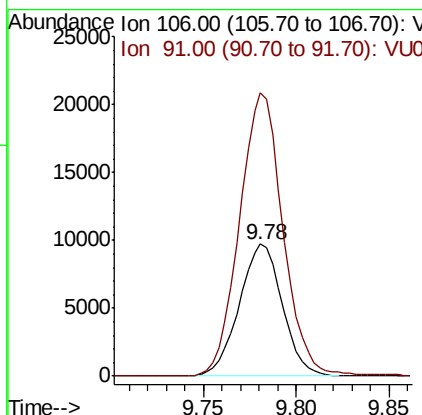
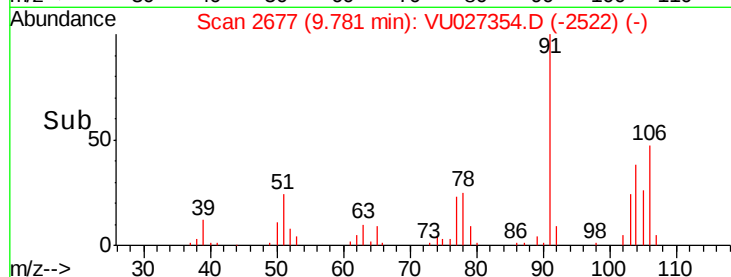
Tot Ion:106 Resp: 15649
Ion Ratio Lower Upper
106 100
91 216.9 111.1 333.2

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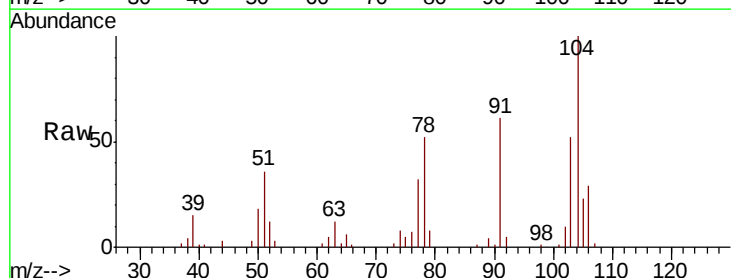


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

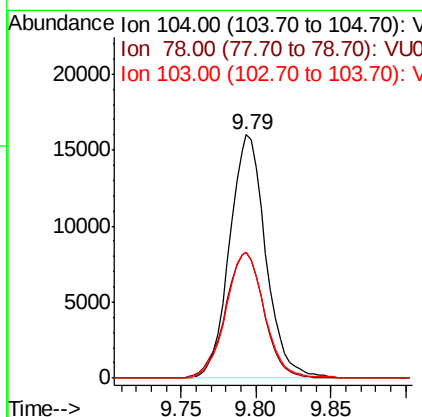
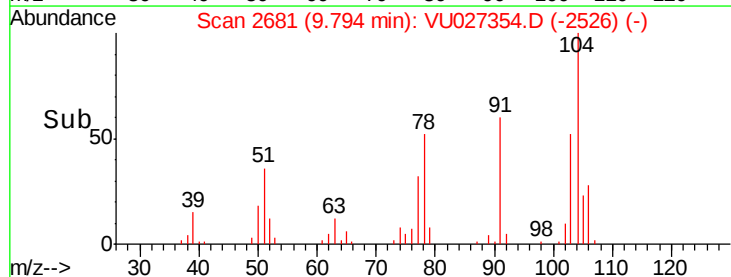


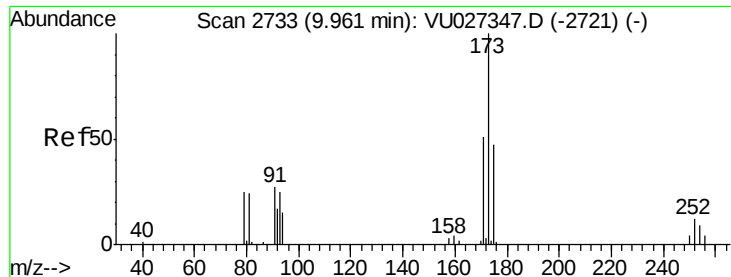
#66
Styrene
Concen: 1.600 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion:104 Resp: 26889
Ion Ratio Lower Upper
104 100
78 55.1 43.1 64.7
103 55.0 43.8 65.8



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





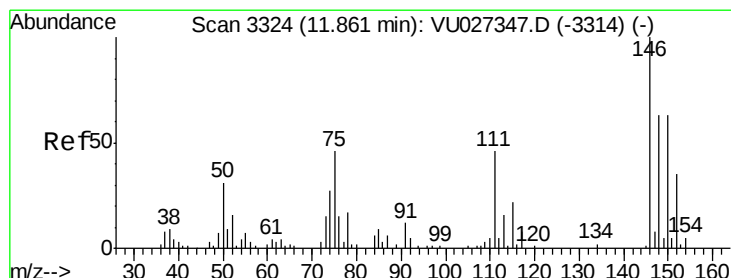
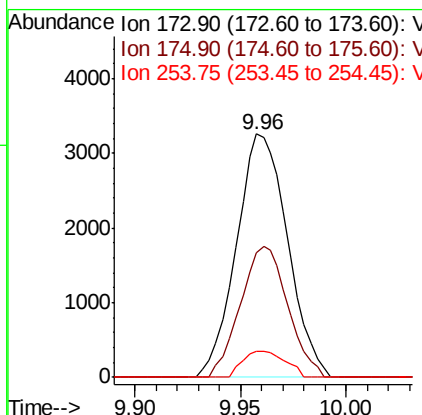
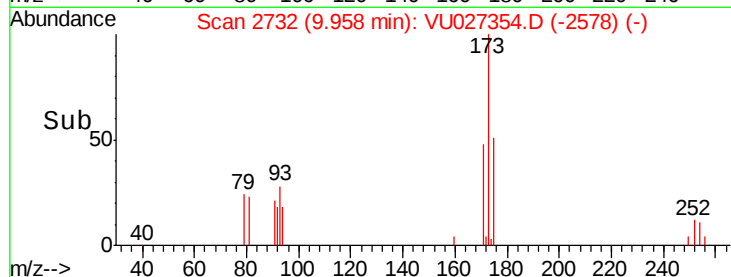
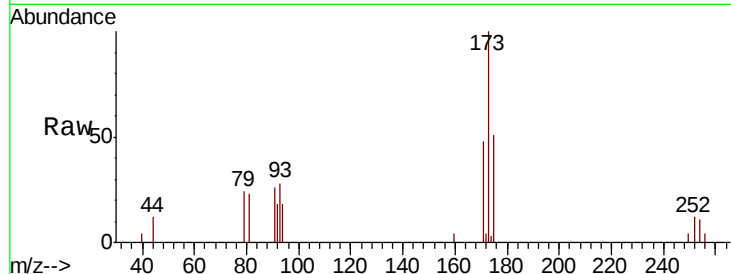
#67
Bromoform
Concen: 1.909 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.2	57.4
254	8.9	7.7	11.5

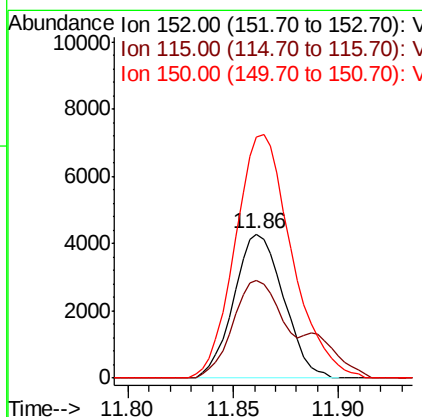
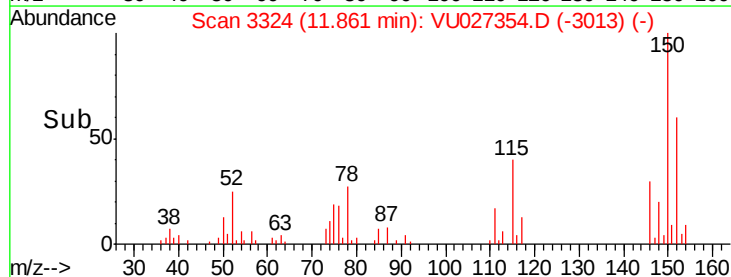
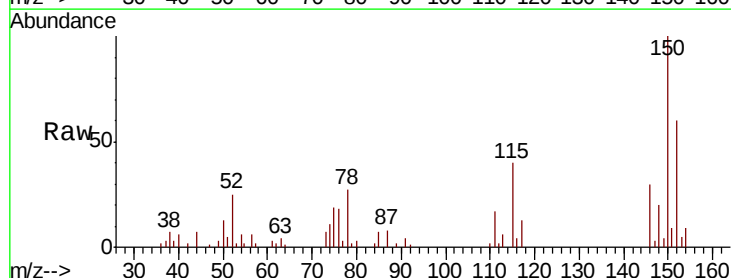
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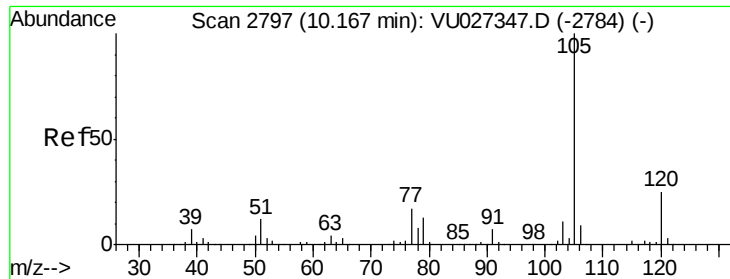
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#68
1,2-Dichlorobenzene-d4
Concen: 1.909 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.4	0.0	131.6
150	192.6	0.0	0.0#





#69

Isopropylbenzene

Concen: 1.609 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion: 105 Resp: 40620

Ion Ratio Lower Upper

105 100

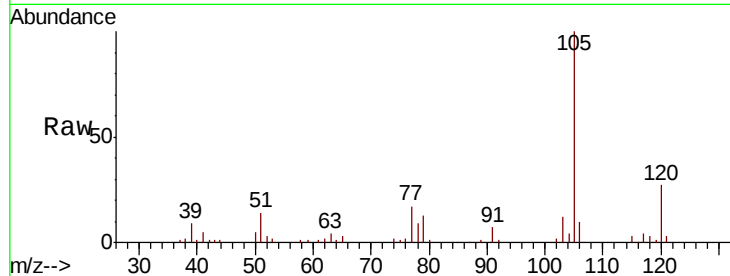
120 25.1 12.7 38.1

Manual Integrations

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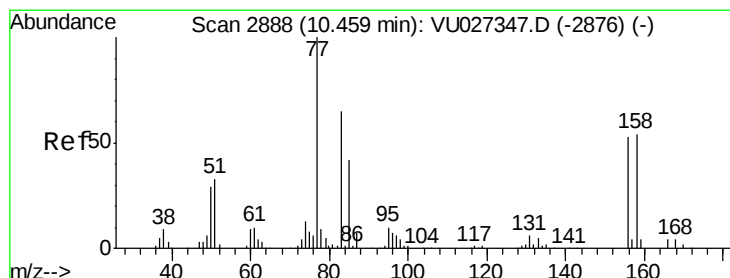
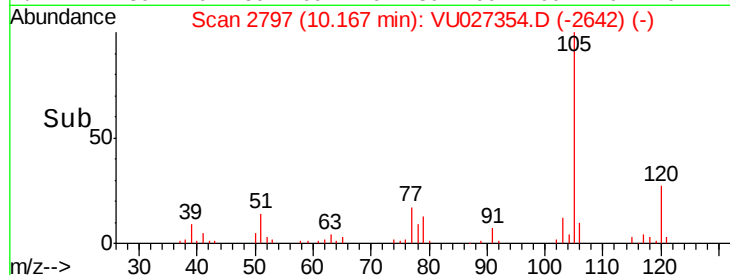
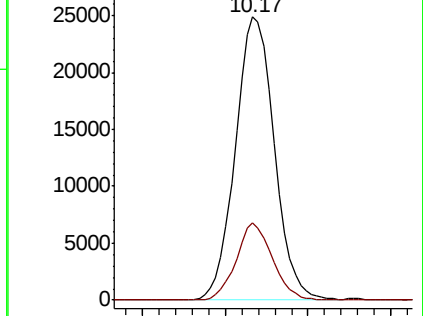
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.048 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

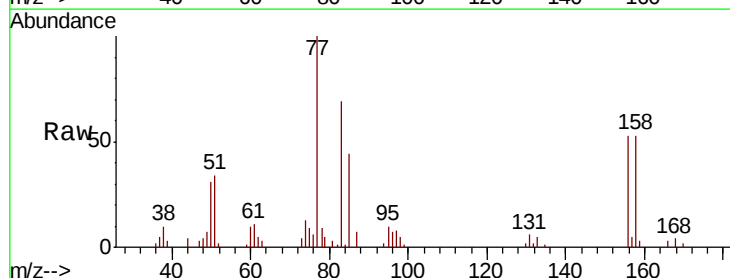
Tgt Ion: 83 Resp: 13461

Ion Ratio Lower Upper

83 100

131 8.2 7.0 10.6

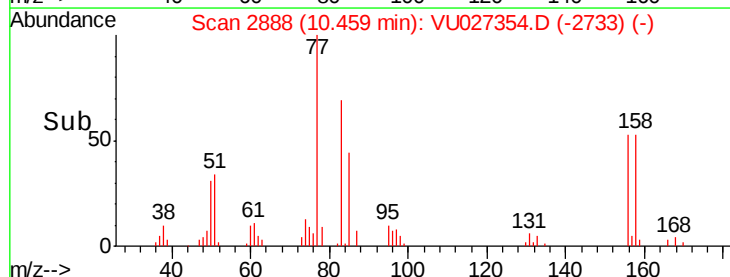
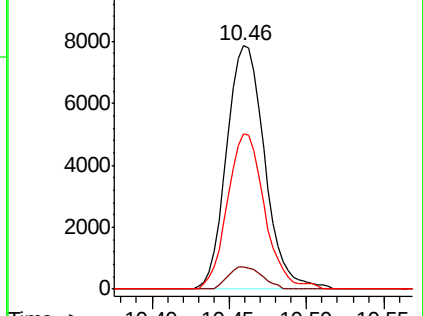
85 62.2 51.4 77.0

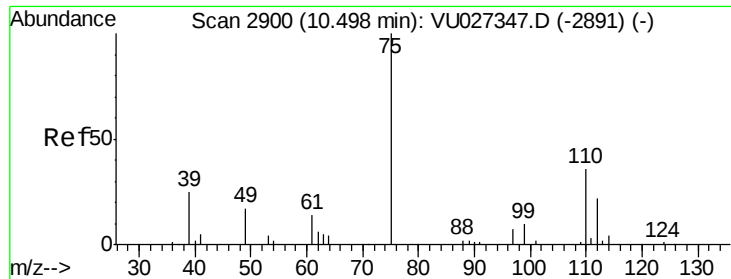


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





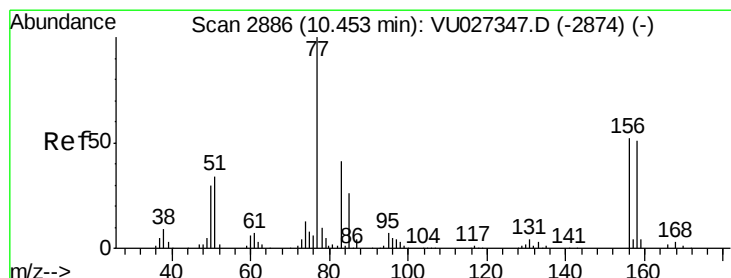
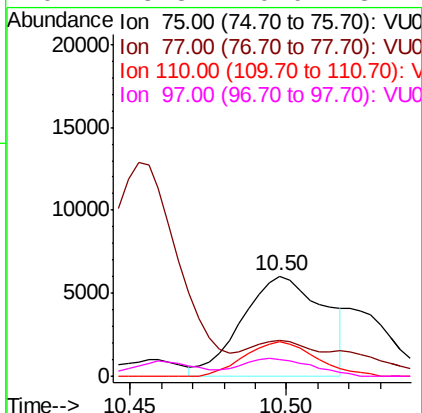
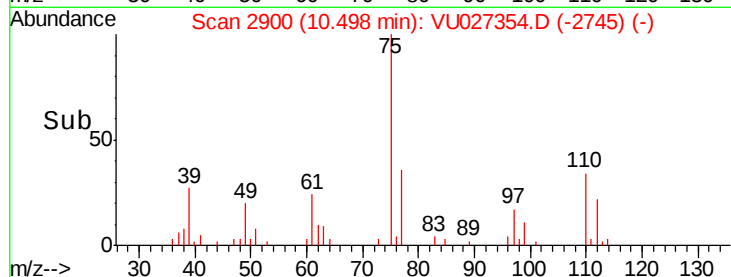
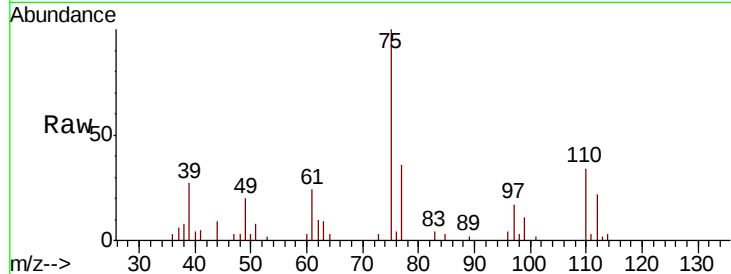
#71
1,2,3-Trichloropropane
Concen: 2.167 ug/l m
RT: 10.50 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	44.5	0.0	16.6#
110	30.0	0.0	65.4
97	15.3	0.0	31.4

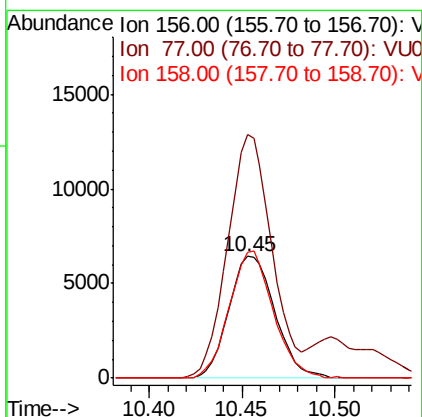
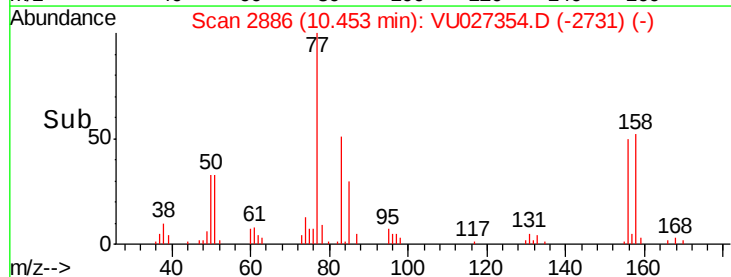
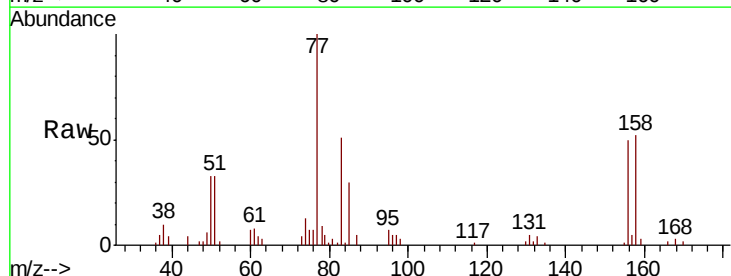
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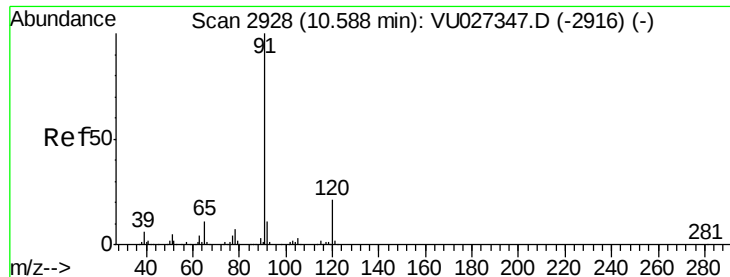
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#72
Bromobenzene
Concen: 1.825 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
156	100		
77	191.6	0.0	387.6
158	99.4	0.0	196.2





#73

n-propylbenzene

Concen: 1.649 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion:120 Resp: 11207

Ion Ratio Lower Upper

120 100

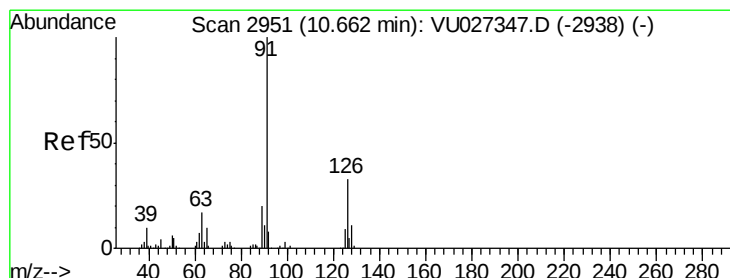
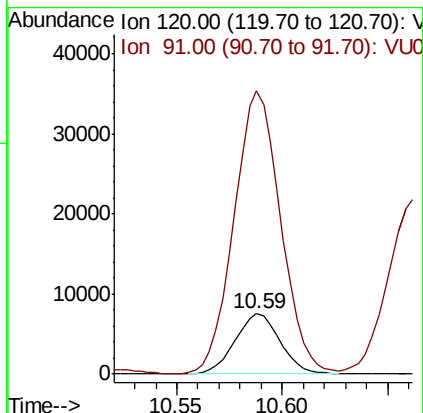
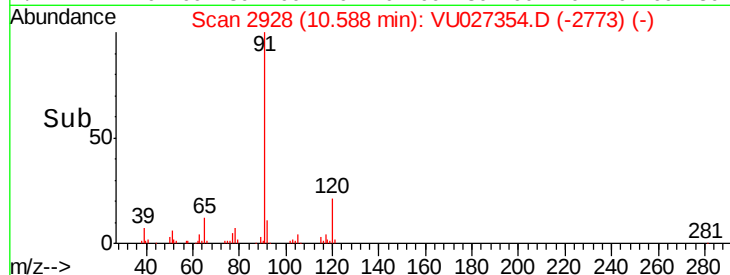
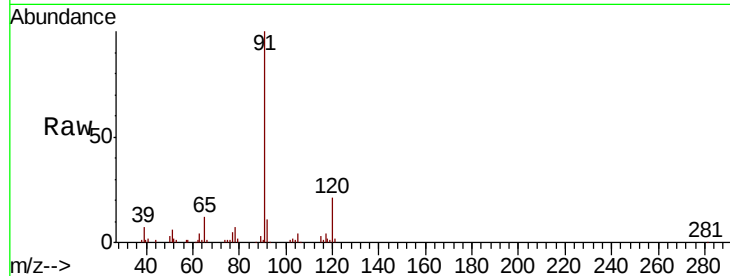
91 485.3 381.4 572.0

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#74

2-Chlorotoluene

Concen: 1.734 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027354.D

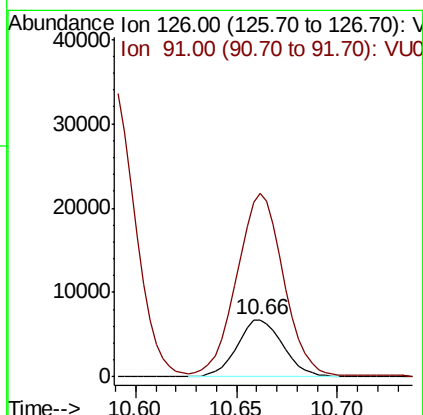
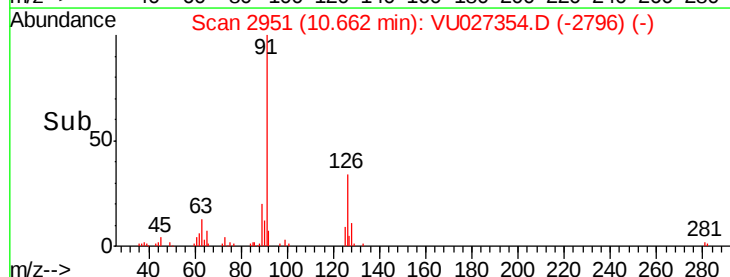
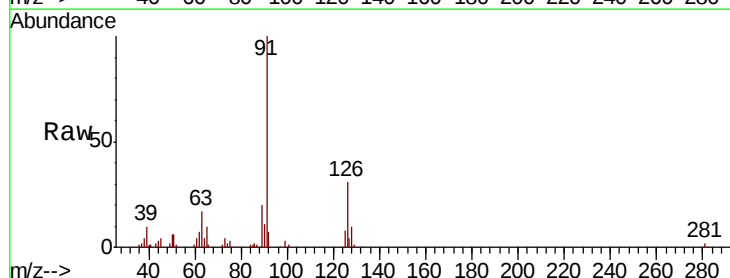
Acq: 02 Oct 2018 21:08

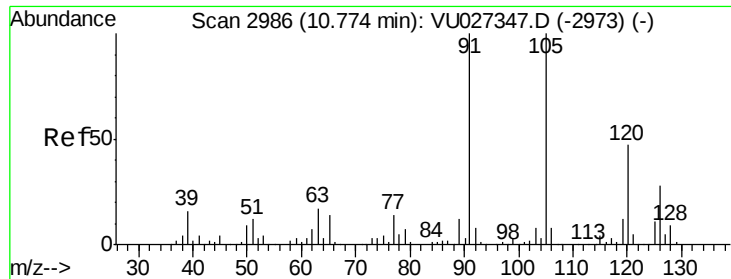
Tgt Ion:126 Resp: 10772

Ion Ratio Lower Upper

126 100

91 325.3 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 1.642 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBSD01

Tot Ion:105 Resp: 36878

Ion Ratio Lower Upper

105 100

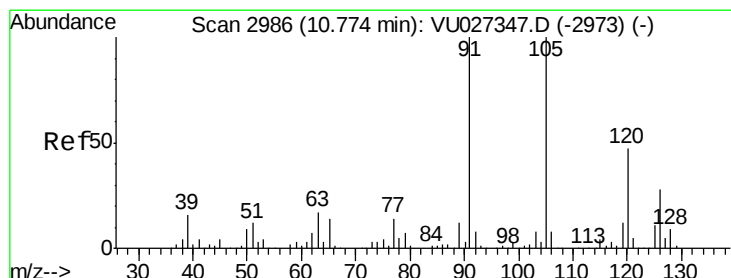
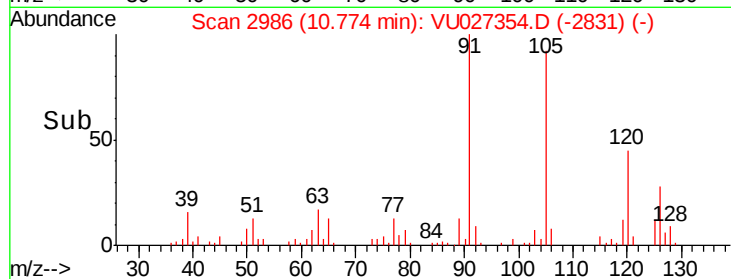
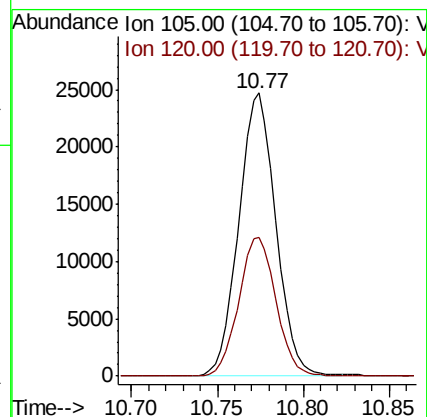
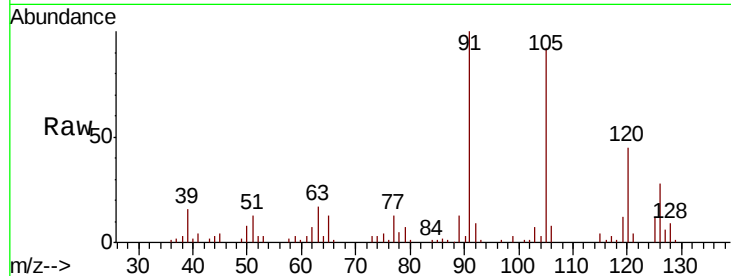
120 49.2 37.8 56.8

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#76

4-Chlorotoluene

Concen: 1.803 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027354.D

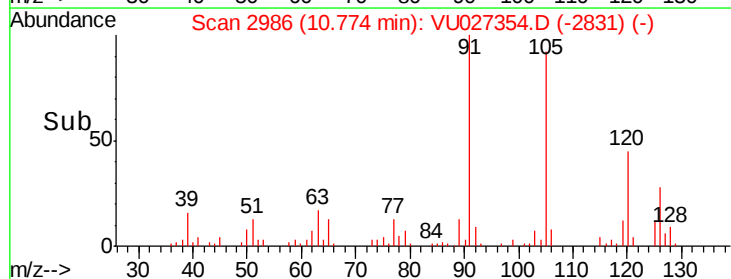
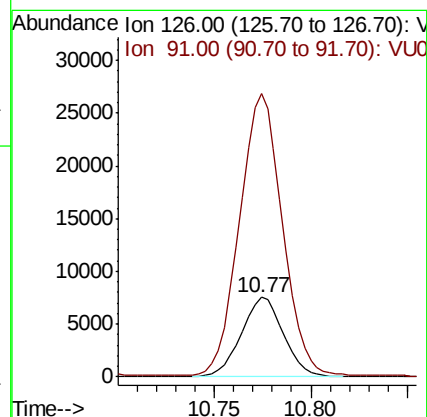
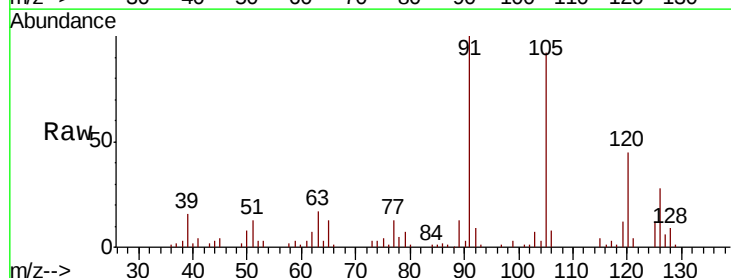
Acq: 02 Oct 2018 21:08

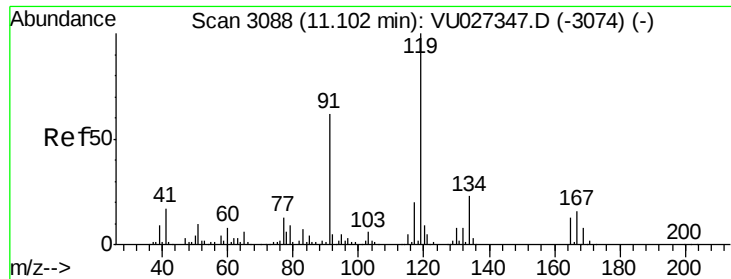
Tgt Ion:126 Resp: 11496

Ion Ratio Lower Upper

126 100

91 357.6 0.0 720.8





#77

tert-Butylbenzene

Concen: 1.638 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

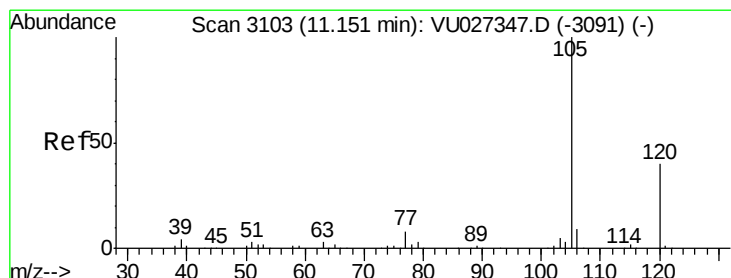
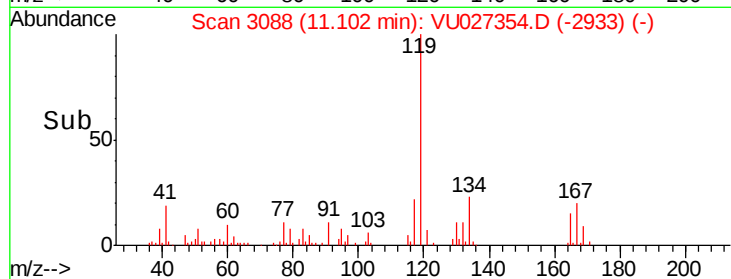
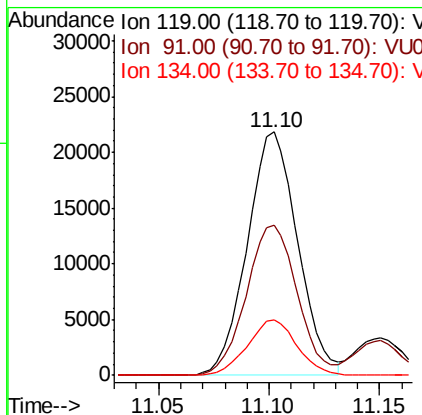
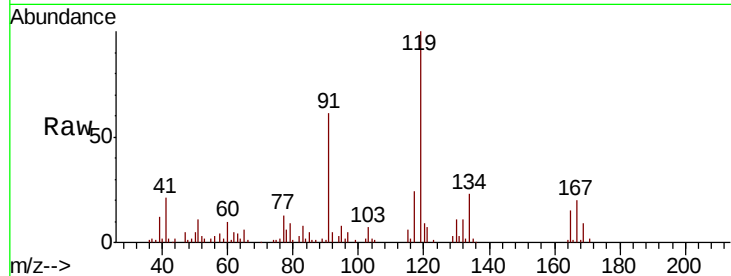
ClientSampleId :

VU1003WBSD01

Tot Ion:	119	Resp:	34740
Ion Ratio	Lower	Upper	
119	100		
91	61.9	31.4	94.3
134	22.3	18.7	28.1

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#78

1,2,4-Trimethylbenzene

Concen: 1.691 ug/l

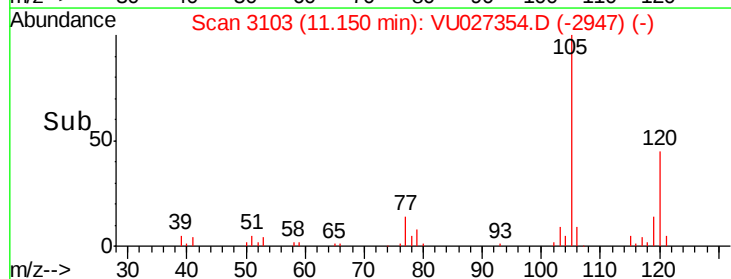
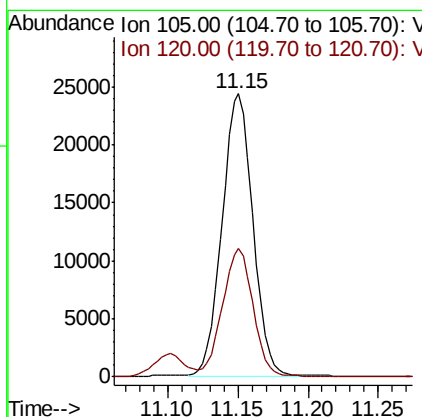
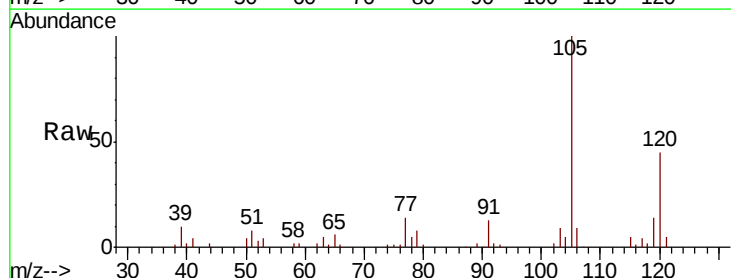
RT: 11.15 min Scan# 3103

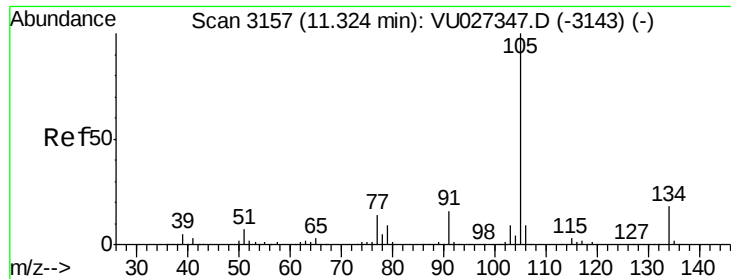
Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Tgt Ion:	105	Resp:	37445
Ion Ratio	Lower	Upper	
105	100		
120	44.8	21.9	65.7





#79

sec-Butylbenzene

Concen: 1.678 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

ClientSampled :

VU1003WBSD01

Tot Ion: 105 Resp: 48810

Ion Ratio Lower Upper

105 100

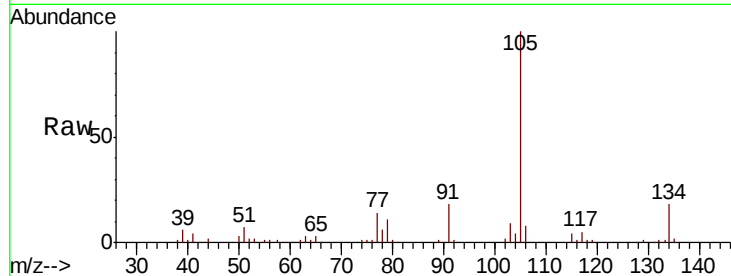
134 18.5 14.8 22.2

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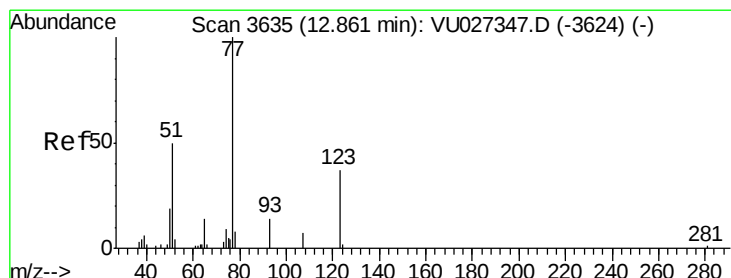
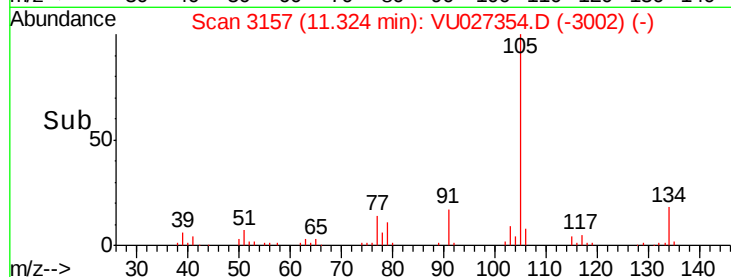
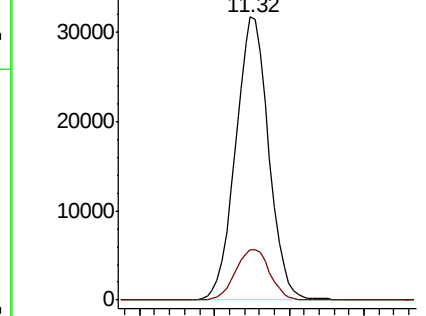
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 10.143 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

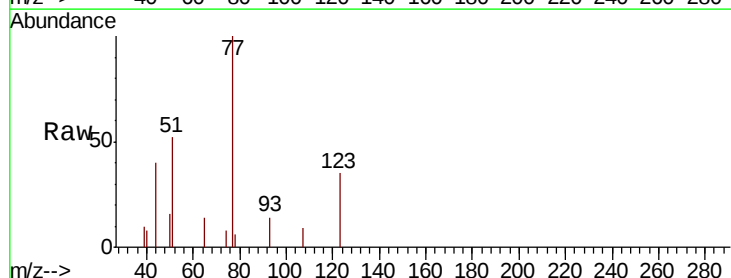
Tgt Ion: 77 Resp: 2740

Ion Ratio Lower Upper

77 100

123 37.6 16.4 58.2

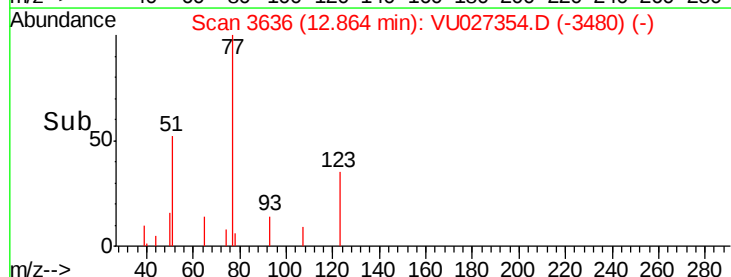
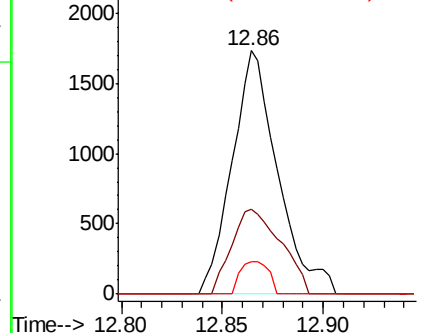
65 8.3 11.7 14.9#

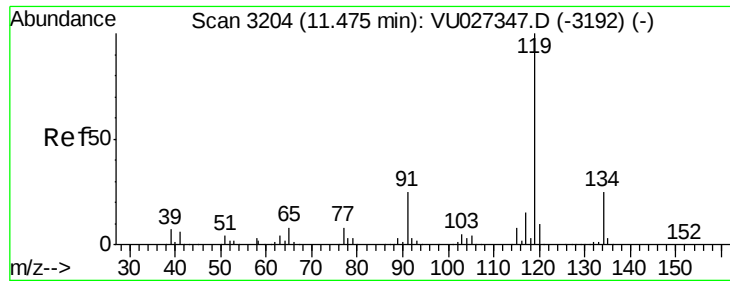


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





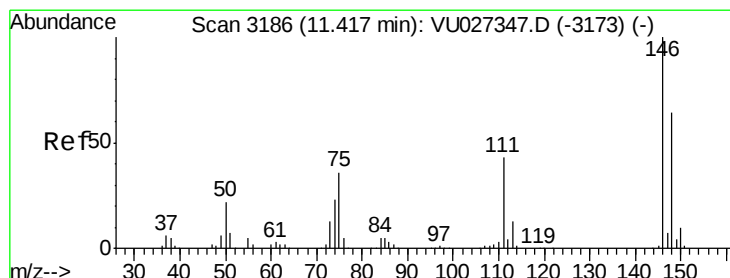
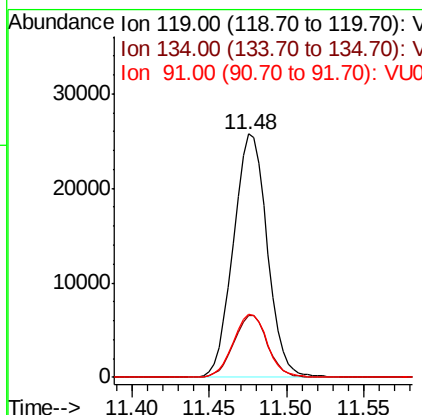
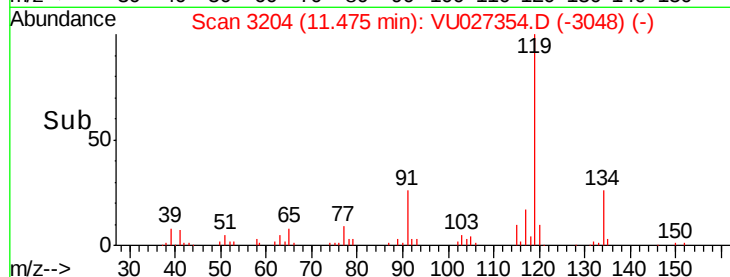
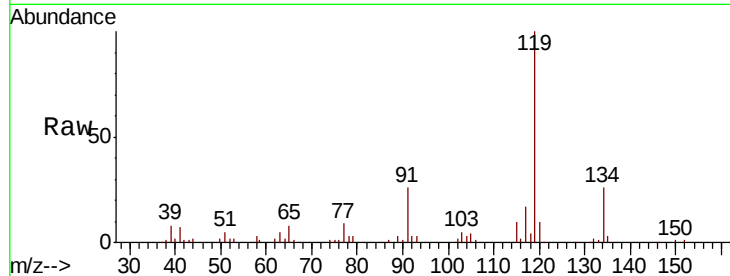
#81
 p-Isopropyltoluene
 Concen: 1.759 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.2	30.2
91	26.1	19.6	29.4

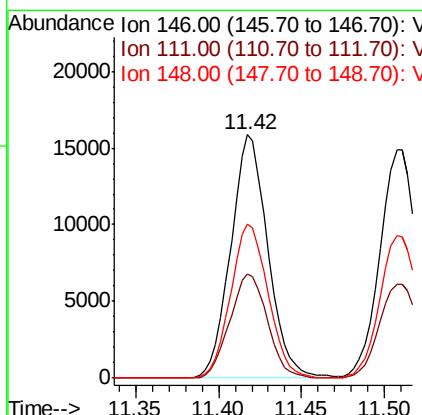
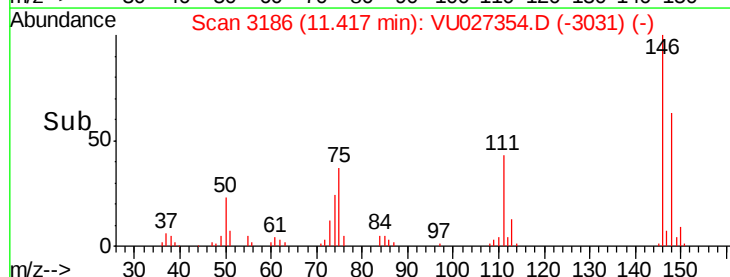
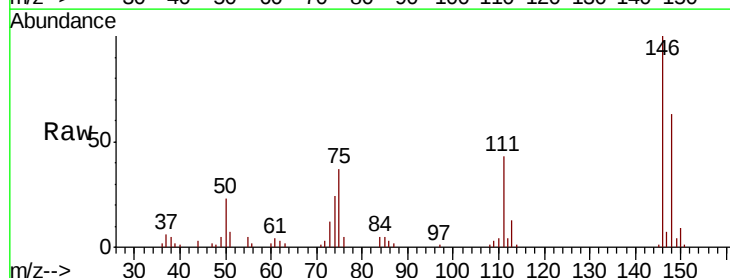
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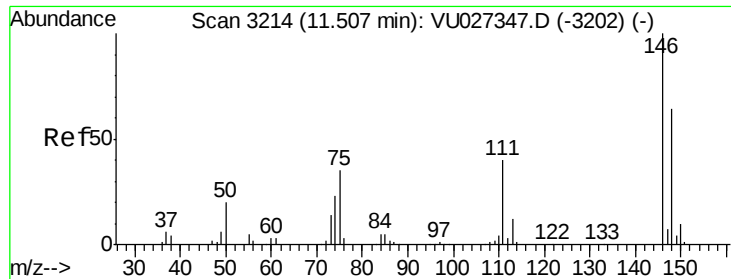
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#82
 1,3-Dichlorobenzene
 Concen: 1.928 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	34.3	51.5
148	63.6	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 1.876 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027354.D

Acq: 02 Oct 2018 21:08

Instrument :

MSVOA_U

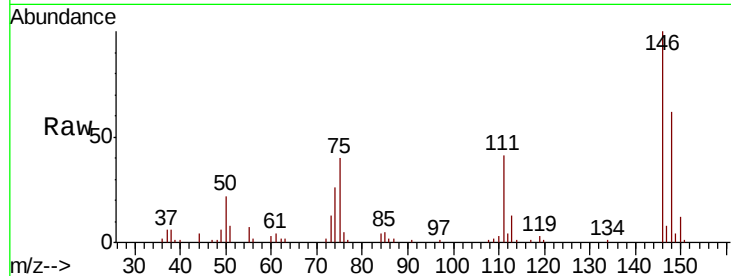
ClientSampleId :

VU1003WBSD01

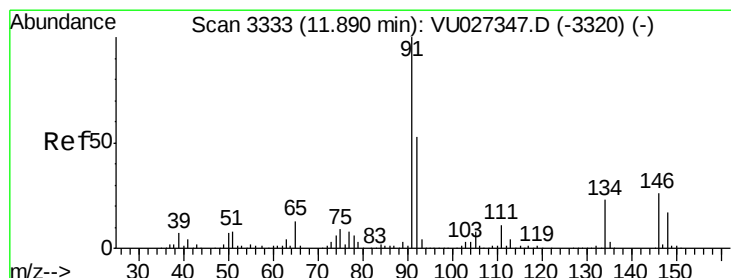
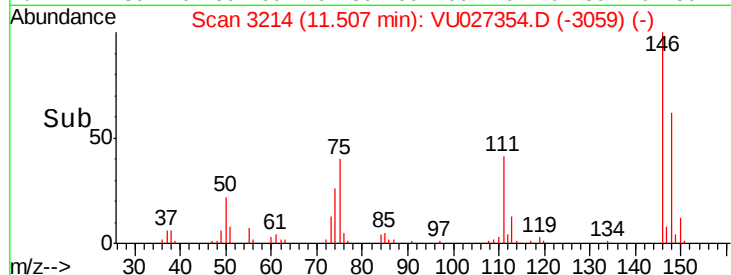
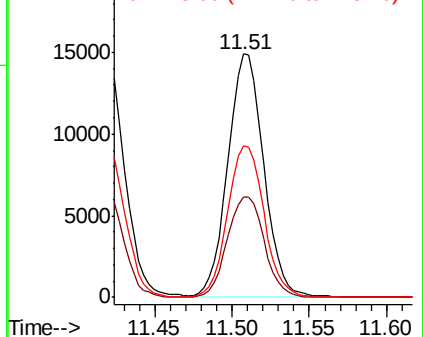
Tot Ion:	146	Resp:	24094
Ion Ratio	Lower	Upper	
146	100		
111	42.1	32.6	49.0
148	62.7	51.4	77.2

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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



#84

n-Butylbenzene

Concen: 1.768 ug/l

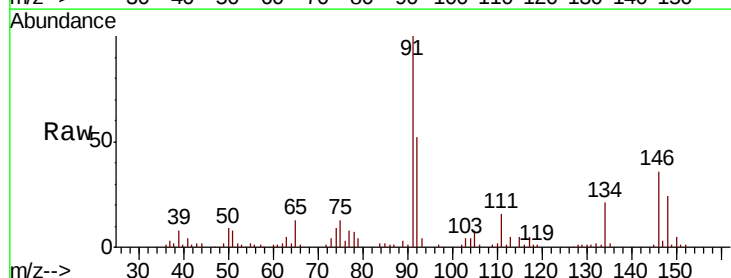
RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

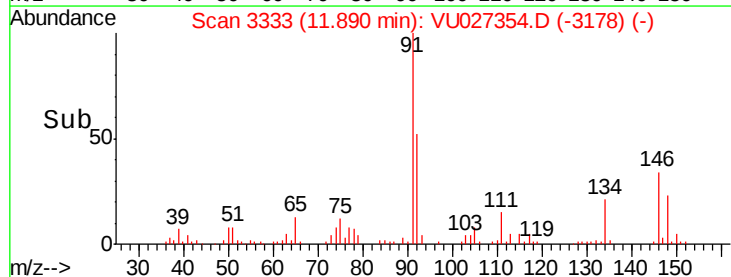
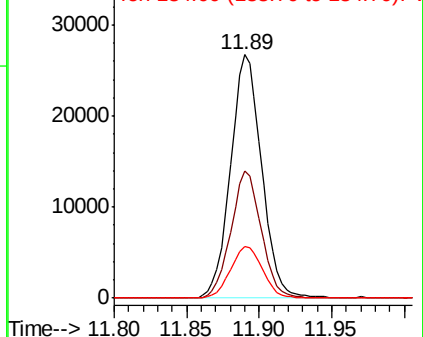
Lab File: VU027354.D

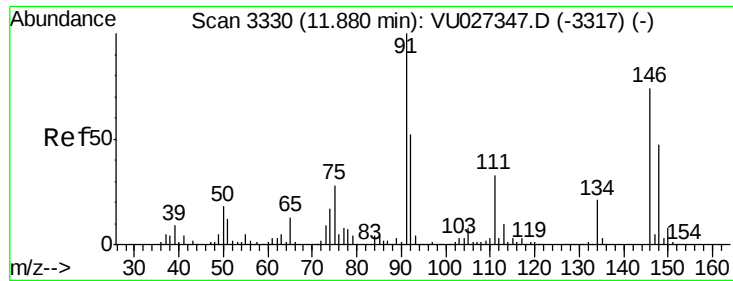
Acq: 02 Oct 2018 21:08

Tgt Ion:	91	Resp:	39611
Ion Ratio	Lower	Upper	
91	100		
92	50.9	42.2	63.2
134	21.8	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





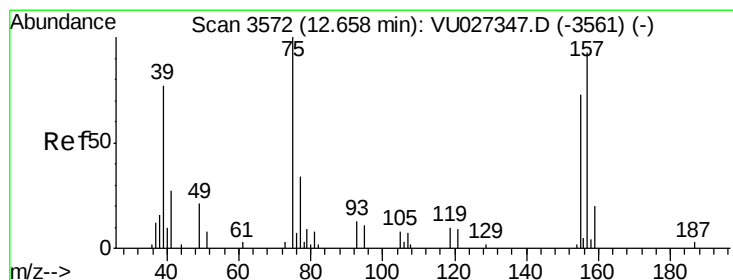
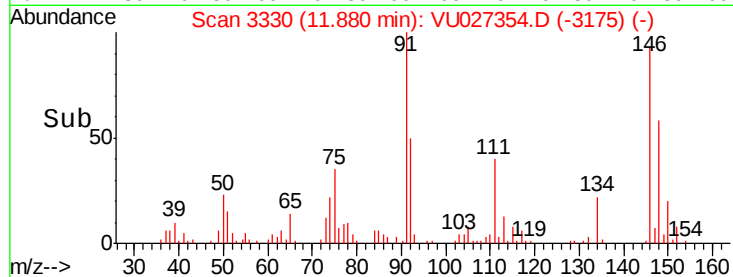
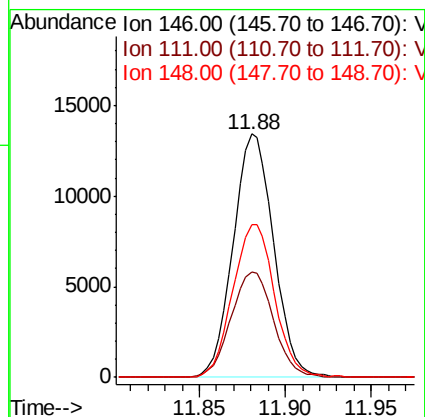
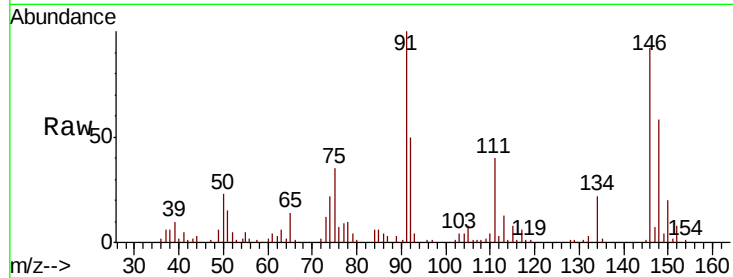
#85
 1,2-Dichlorobenzene
 Concen: 1.846 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.1	66.3
148	64.6	32.0	96.0

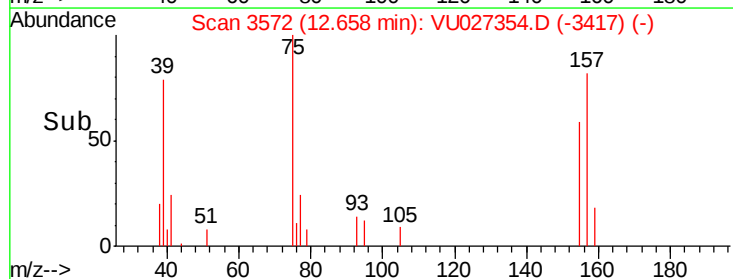
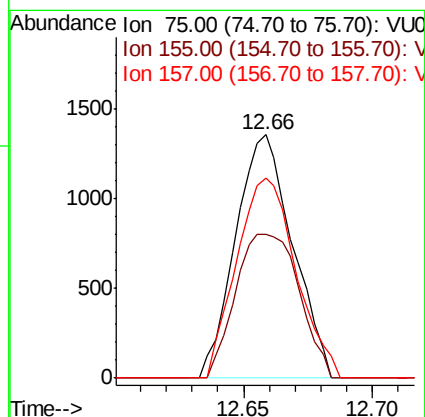
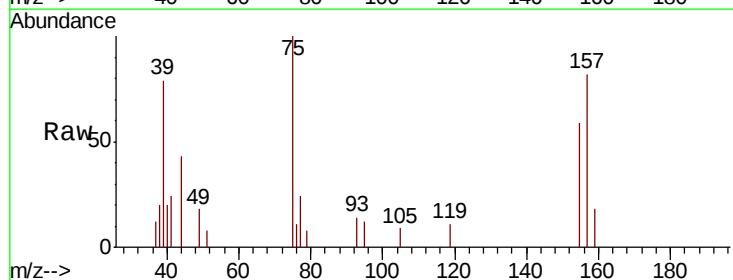
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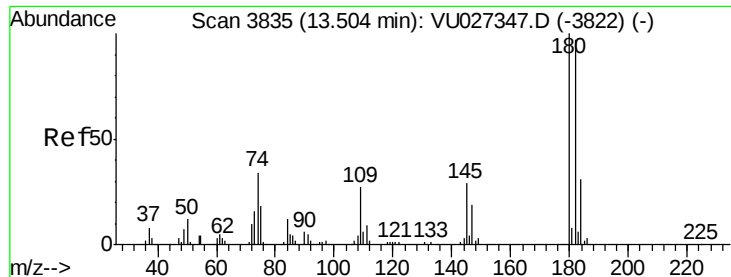
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.096 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.9	56.6	84.8
157	85.7	71.8	107.6





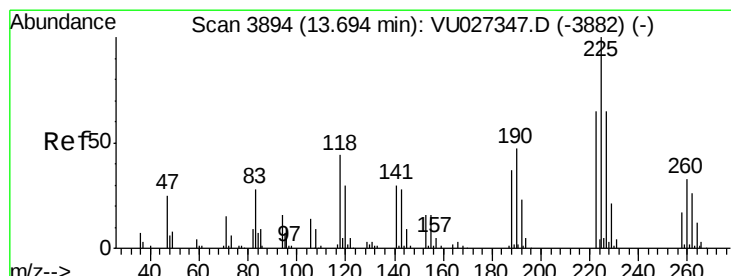
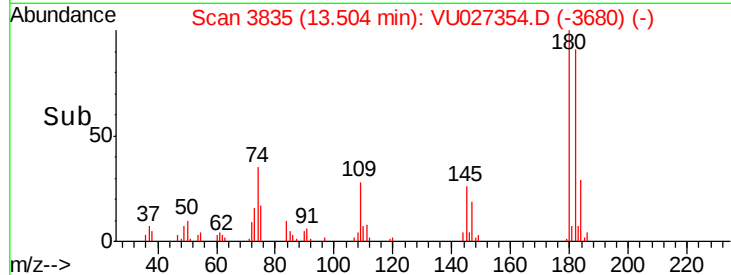
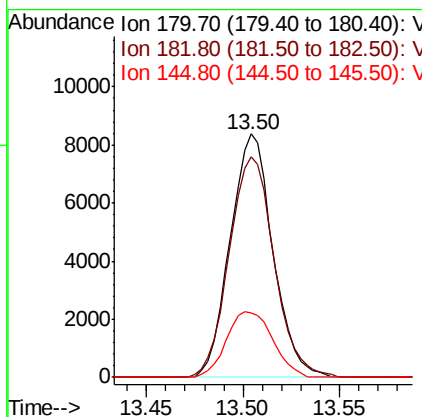
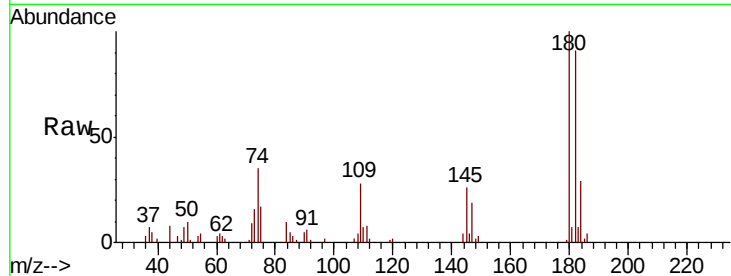
#87
 1,2,4-Trichlorobenzene
 Concen: 1.708 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.5	116.3
145	29.1	23.9	35.9

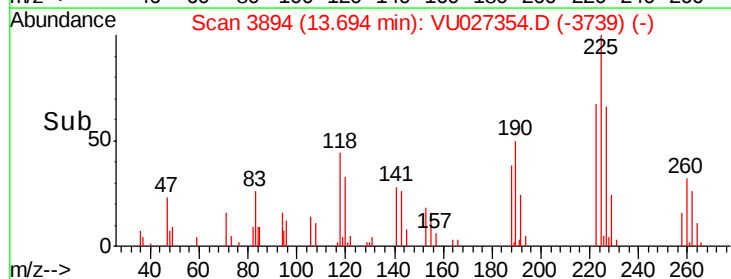
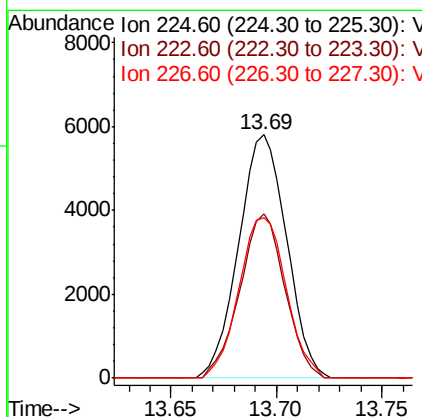
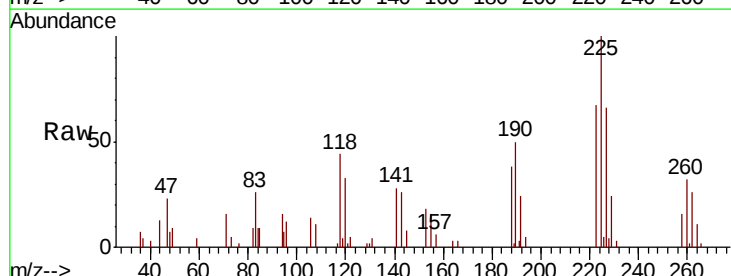
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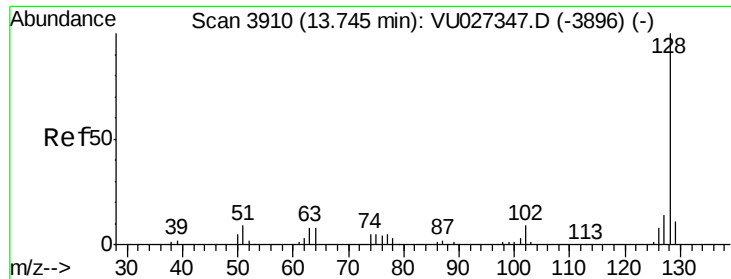
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#88
 Hexachlorobutadiene
 Concen: 1.842 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027354.D
 Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.0
227	65.2	52.3	78.5





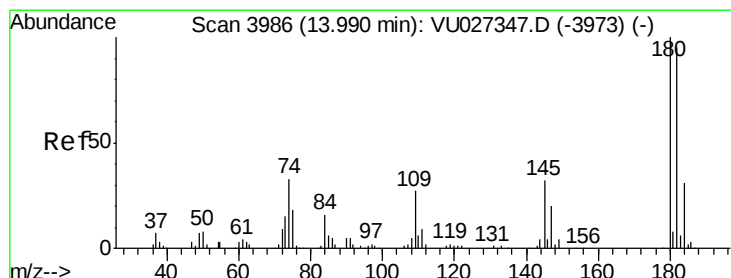
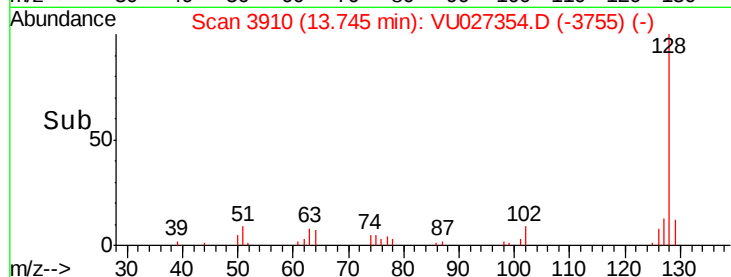
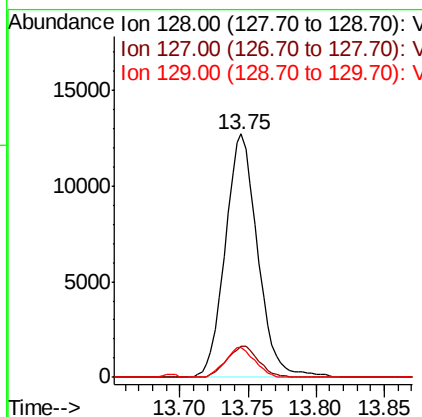
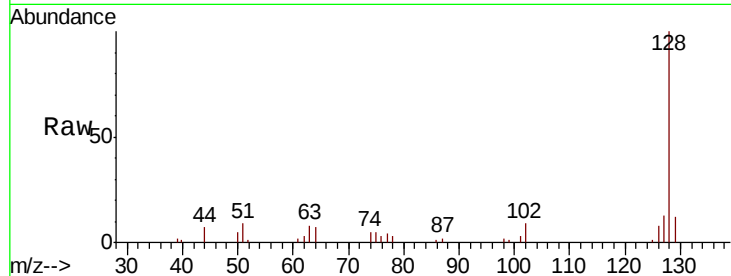
#89
Naphthalene
Concen: 1.580 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.7	16.1
129	11.1	8.4	12.6

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#90
1,2,3-Trichlorobenzene
Concen: 1.837 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. -0.00 min
Lab File: VU027354.D
Acq: 02 Oct 2018 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	29.9	25.8	38.8

