

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027348.D
 Acq On : 02 Oct 2018 17:25
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

apatel
 10/5/2018 11:56:33 AM

Quant Time: Oct 03 02:27:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	22113	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8887	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7605	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	113427	18.568	ug/l	99
3) Chloromethane	1.33	50	133916	17.636	ug/l	100
4) Vinyl Chloride	1.40	62	135583	18.711	ug/l	100
5) Bromomethane	1.62	94	60092	12.324	ug/l	96
6) Chloroethane	1.70	64	81396	19.712	ug/l	99
7) Trichlorofluoromethane	1.89	101	153394	17.728	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90443	17.928	ug/l	100
9) 1,1-Dichloroethene	2.29	96	75992	16.056	ug/l	97
10) Iodomethane	2.41	142	101748	25.538	ug/l	99
11) Allyl Chloride	2.59	41	195567	21.621	ug/l	99
12) Acrylonitrile	2.94	53	50304	40.797	ug/l	99
13) Acetone	2.32	43	109442	97.812	ug/l	100
14) Carbon Disulfide	2.48	76	233625	16.998	ug/l	100
15) Methylene Chloride	2.70	84	97451	16.955	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	87468	17.265	ug/l	98
17) 1,1-Dichloroethane	3.44	63	212556	19.738	ug/l	100
18) 2-Butanone	4.29	43	187881	103.486	ug/l	99
19) Cyclohexane	4.98	56	163439	18.260	ug/l	99
20) Methylcyclohexane	6.41	83	157460	16.255	ug/l	99
21) 2,2-Dichloropropane	4.22	77	170979	20.965	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	102965	16.354	ug/l	98
23) Diethyl Ether	2.11	59	81314	19.535	ug/l	99
24) tert-Butyl Alcohol	2.84	59	85753	170.961	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	256477	19.644	ug/l	99
26) Bromochloromethane	4.55	128	38694	14.531	ug/l	99
27) Chloroform	4.67	83	191117	17.368	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	157438	18.271	ug/l	99
29) 1,1-Dichloropropene	5.13	75	141047	16.813	ug/l	99
30) Carbon Tetrachloride	5.13	117	134348	18.761	ug/l	99
31) Isopropyl Ether	3.58	45	397938	20.772	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	316874	19.526	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	261704	19.728	ug/l	100
34) Propionitrile	4.34	54	48836	93.932	ug/l	98
35) Benzene	5.39	78	409020	16.795	ug/l	99
36) 1,2-Dichloroethane	5.41	62	132312	18.844	ug/l	100
37) Trichloroethene	6.18	130	92637	14.396	ug/l	97
38) 1,2-Dichloropropane	6.44	63	125467	19.358	ug/l	98
39) Methacrylonitrile	4.56	41	49118	21.280	ug/l	99
40) Methyl acrylate	4.43	55	65291	19.942	ug/l	99
41) Tetrahydrofuran	4.66	42	50798	40.176	ug/l	100
42) 1-Chlorobutane	5.06	56	225241	18.333	ug/l	100

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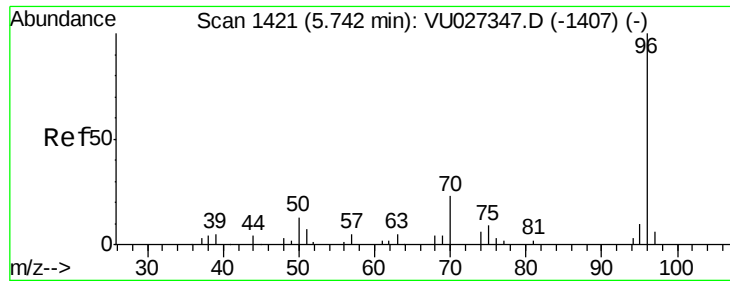
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	52288	17.976	ug/l	96
44) Bromodichloromethane	6.76	83	144349	20.373	ug/l	98
45) 4-Methyl-2-Pentanone	7.48	43	433692	104.090	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	55112m	50.248	ug/l	
47) Methyl methacrylate	6.64	69	111512	38.526	ug/l	99
48) Ethyl methacrylate	8.03	69	105293	19.692	ug/l	100
49) Toluene	7.64	92	245518	17.154	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	137685	22.448	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	163324	21.071	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	75962	17.583	ug/l	96
53) 1,3-Dichloropropane	8.25	76	142585	18.547	ug/l	99
54) 2-Hexanone	8.38	43	304411	105.718	ug/l	99
55) Dibromochloromethane	8.48	129	85193	20.165	ug/l	100
56) 1,2-Dibromoethane	8.59	107	66829	17.303	ug/l	98
58) Tetrachloroethene	8.22	164	84165	12.384	ug/l	99
59) Chlorobenzene	9.12	112	257218	16.806	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	95061	18.369	ug/l	99
61) Pentachloroethane	11.10	117	78023	22.757	ug/l	99
62) Hexachloroethane	12.15	117	80488	23.063	ug/l	100
63) Ethyl Benzene	9.25	91	480852	17.991	ug/l	100
64) m/p-Xylenes	9.38	106	362528	35.687	ug/l	99
65) o-Xylene	9.78	106	170781	17.401	ug/l	98
66) Styrene	9.79	104	307563	18.789	ug/l	100
67) Bromoform	9.96	173	46254	19.535	ug/l	97
69) Isopropylbenzene	10.17	105	464970	18.060	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	100862	19.571	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	79979m	18.898	ug/l	
72) Bromobenzene	10.45	156	101821	15.815	ug/l	99
73) n-propylbenzene	10.59	120	128674	18.128	ug/l	99
74) 2-Chlorotoluene	10.66	126	108960	17.254	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	409858	18.699	ug/l	99
76) 4-Chlorotoluene	10.77	126	113724	17.465	ug/l	98
77) tert-Butylbenzene	11.10	119	383637	18.571	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	428813	18.969	ug/l	100
79) sec-Butylbenzene	11.32	105	536354	18.443	ug/l	99
80) Nitrobenzene	12.86	77	23250	141.247	ug/l	99
81) p-Isopropyltoluene	11.48	119	447607	18.662	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	214462	16.726	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	216708	16.876	ug/l	99
84) n-Butylbenzene	11.89	91	459021	19.856	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	198531	16.589	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16347	21.773	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	137949	17.258	ug/l	99
88) Hexachlorobutadiene	13.69	225	83291	16.714	ug/l	99
89) Naphthalene	13.74	128	261075	20.321	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	134038	17.687	ug/l	99

(#) = 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: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

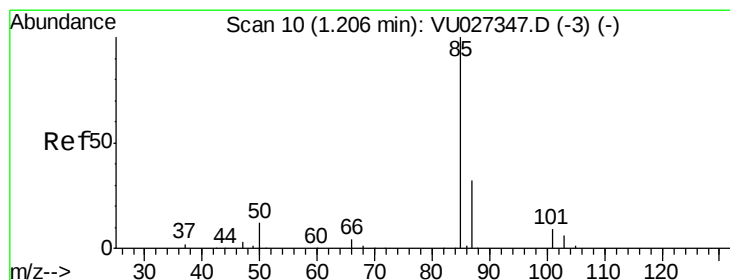
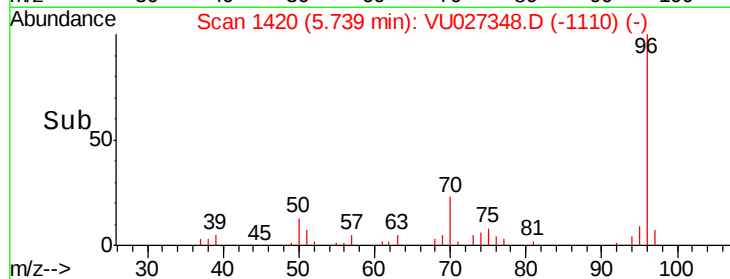
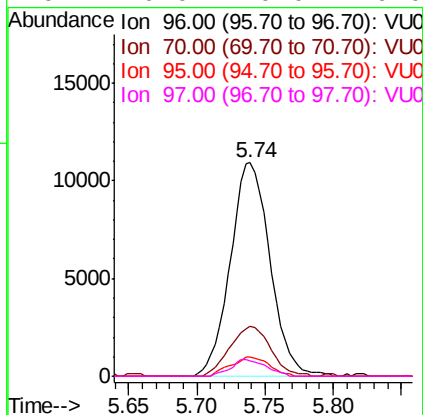
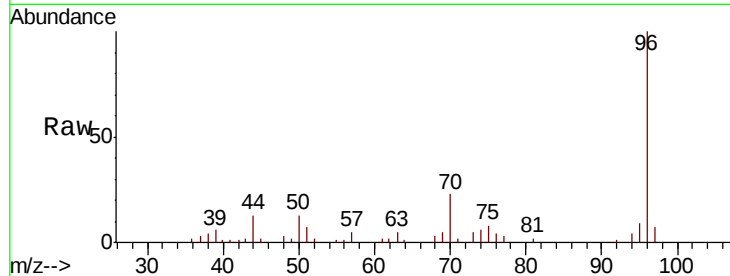
ClientSampleId :

VSTDIC015

Tot Ion:	96	Resp:	22113
Ion Ratio	Lower	Upper	
96	100		
70	23.9	19.2	28.8
95	0.0	7.7	11.5#
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.568 ug/l

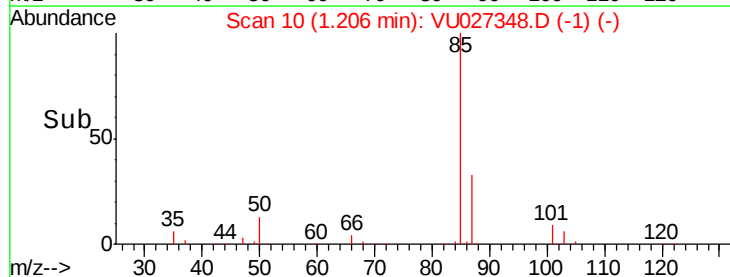
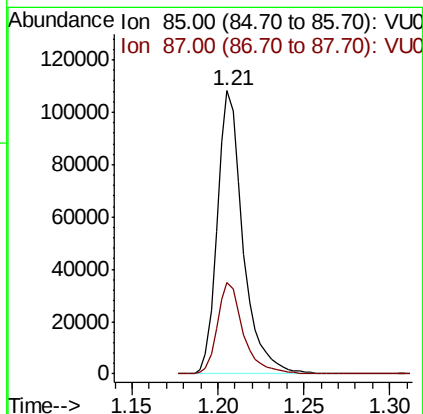
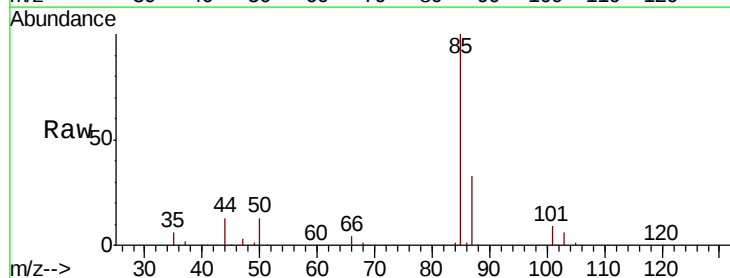
RT: 1.21 min Scan# 10

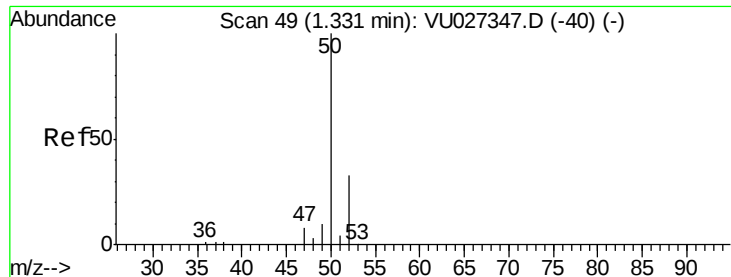
Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Tgt Ion:	85	Resp:	113427
Ion Ratio	Lower	Upper	
85	100		
87	32.5	16.1	48.3





#3

Chloromethane

Concen: 17.636 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampled :

VSTDIC015

Tot Ion: 50 Resp: 133916

Ion Ratio Lower Upper

50 100

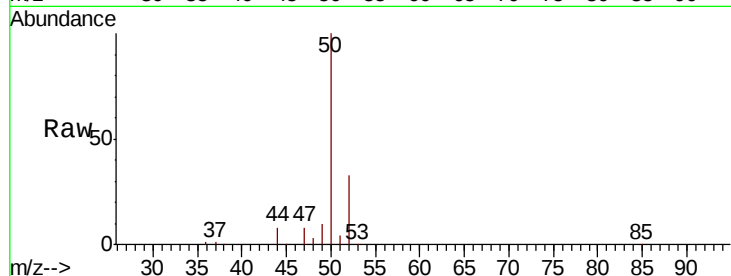
52 32.6 26.0 39.0

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VU027348.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU027348.D (-1) (-)

150000

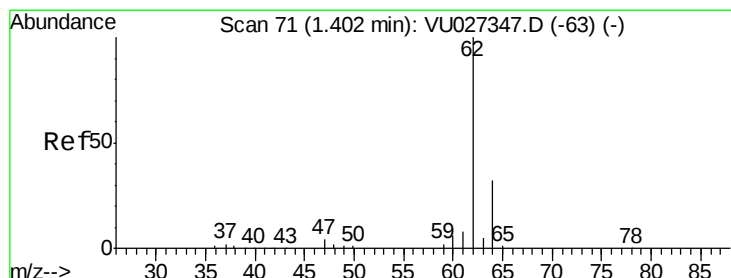
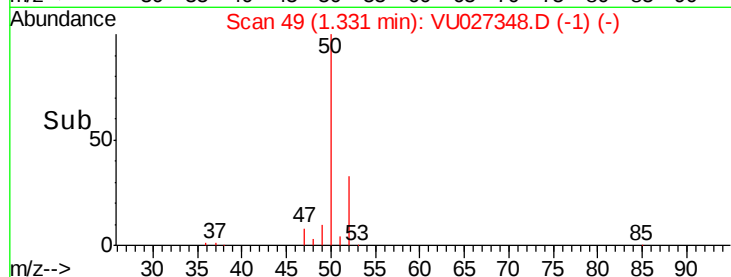
1.33

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 18.711 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027348.D

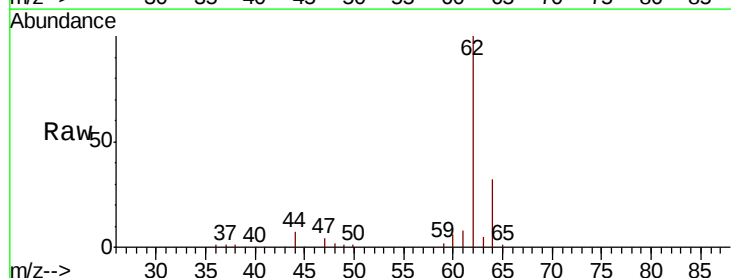
Acq: 02 Oct 2018 17:25

Tgt Ion: 62 Resp: 135583

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU027348.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU027348.D (-1) (-)

150000

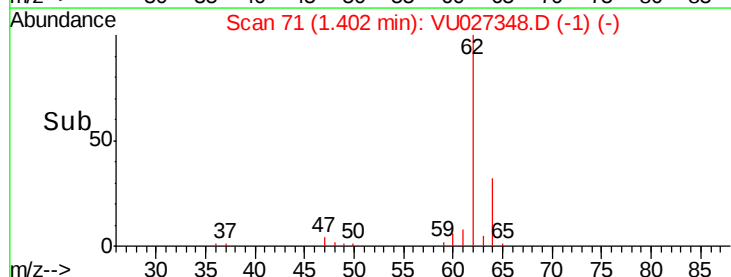
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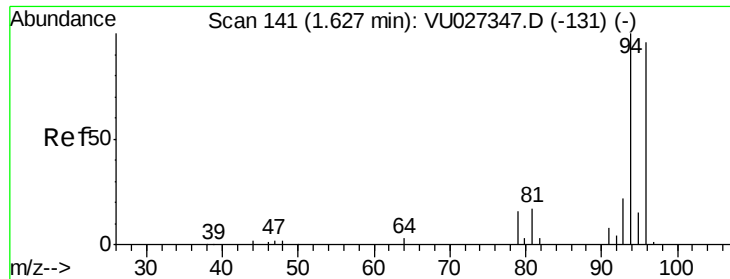
100000

50000

0

Time-->





#5

Bromomethane

Concen: 12.324 ug/l

RT: 1.62 min Scan# 140

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 94 Resp: 60092

Ion Ratio Lower Upper

94 100

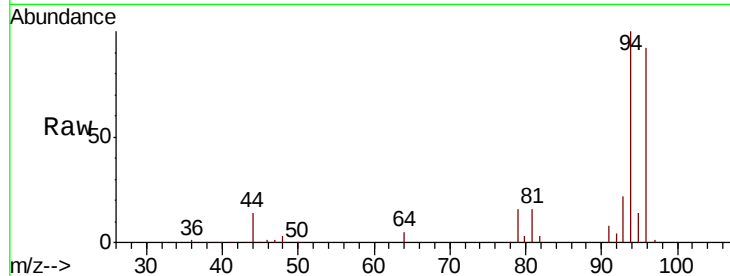
96 92.3 77.0 115.6

Manual Integrations

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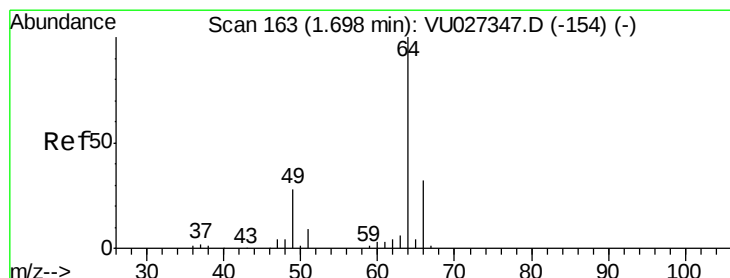
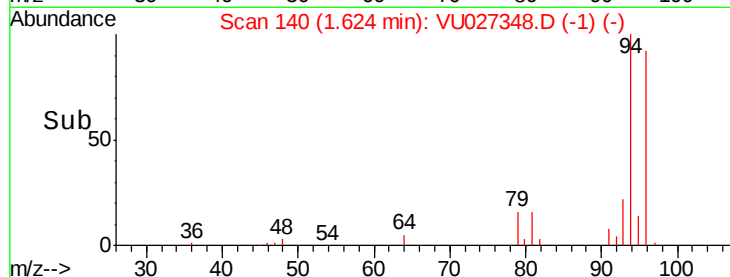
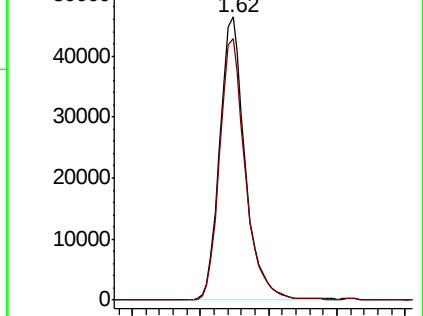
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 19.712 ug/l

RT: 1.70 min Scan# 163

Delta R.T. -0.00 min

Lab File: VU027348.D

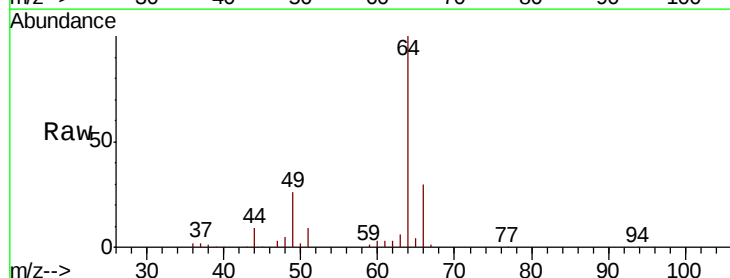
Acq: 02 Oct 2018 17:25

Tgt Ion: 64 Resp: 81396

Ion Ratio Lower Upper

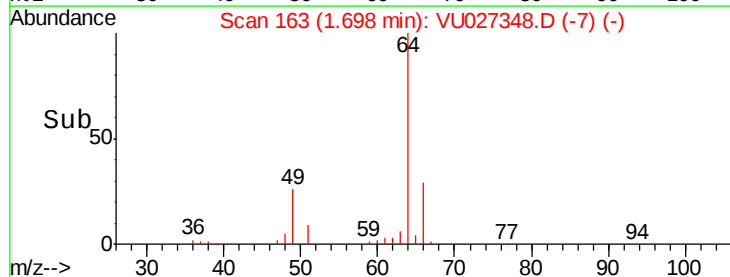
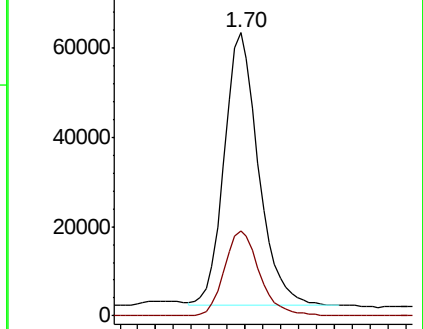
64 100

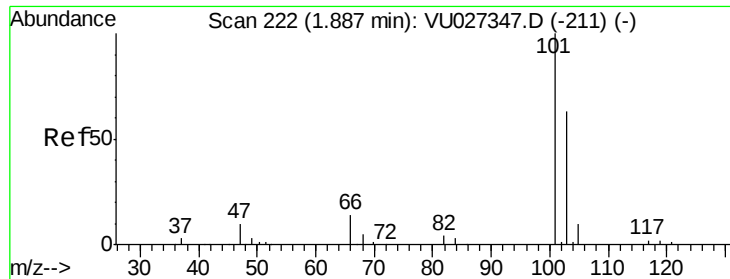
66 31.0 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

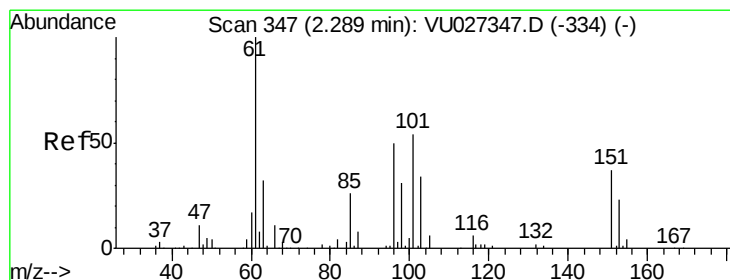
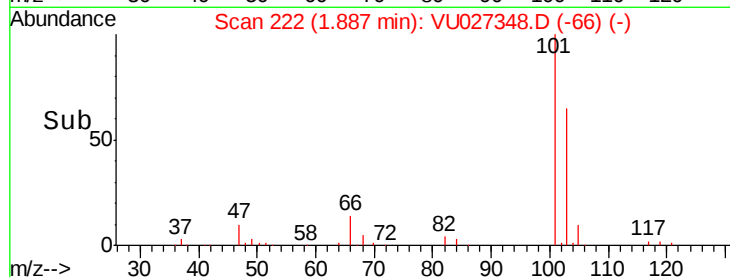
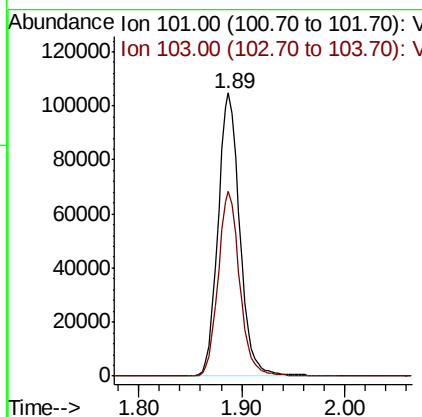
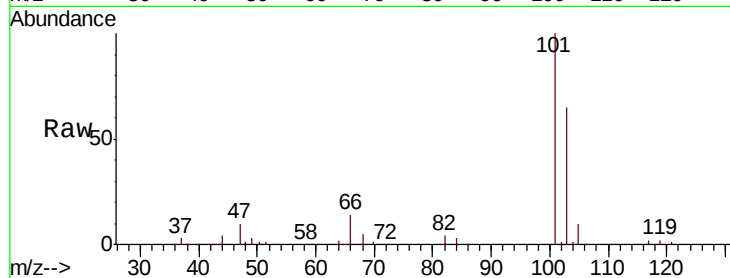
Trichlorofluoromethane
 Concen: 17.728 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027348.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.8	76.2

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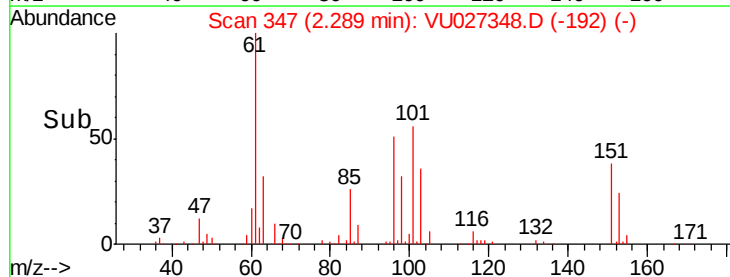
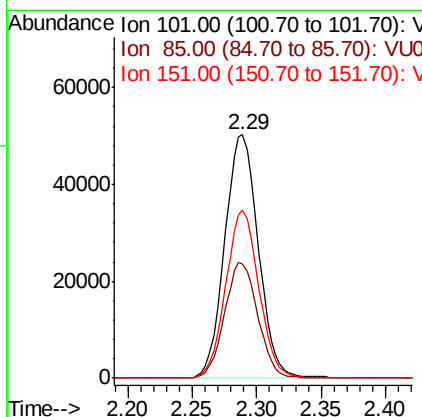
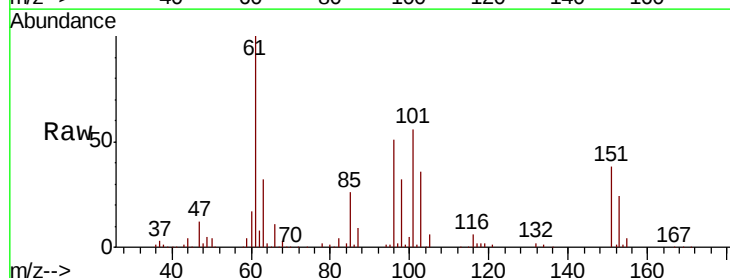
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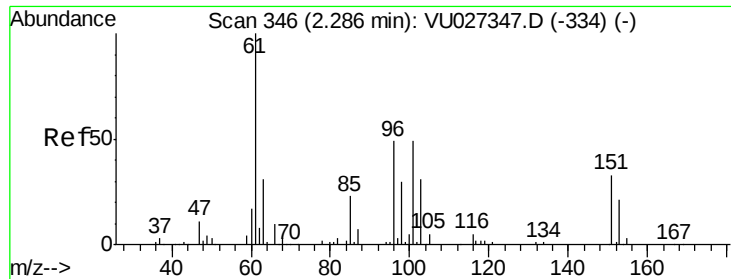


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.928 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.1	37.6	56.4
151	68.3	54.6	81.8





#9

1,1-Dichloroethene

Concen: 16.056 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

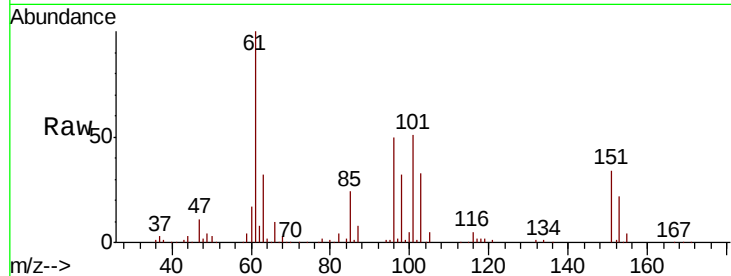
ClientSampleId :

VSTDIC015

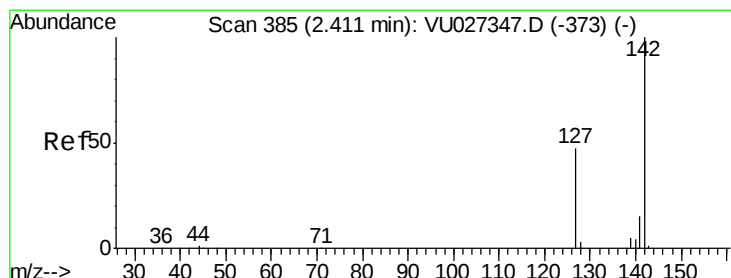
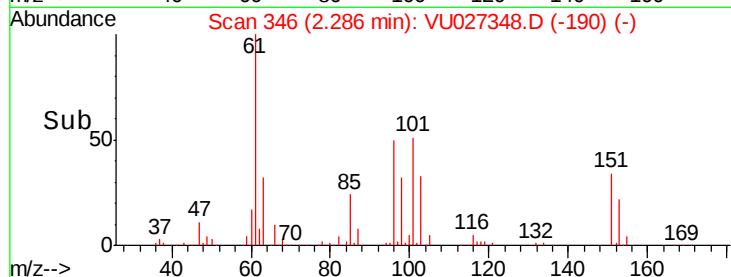
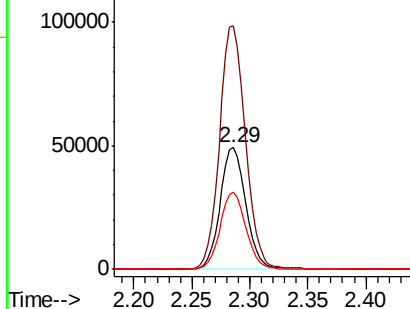
Tot Ion:	96	Resp:	75992
Ion	Ratio	Lower	Upper
96	100		
61	200.0	0.0	614.1
98	63.6	0.0	123.4

Manual Integrations
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Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 25.538 ug/l

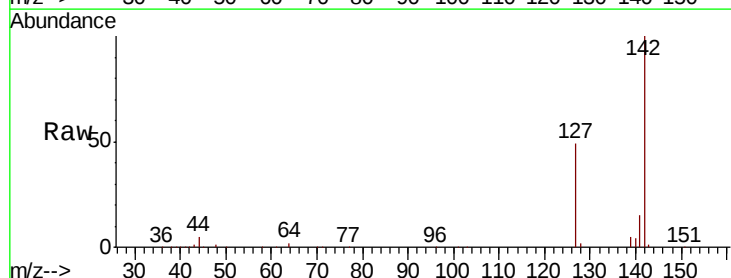
RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

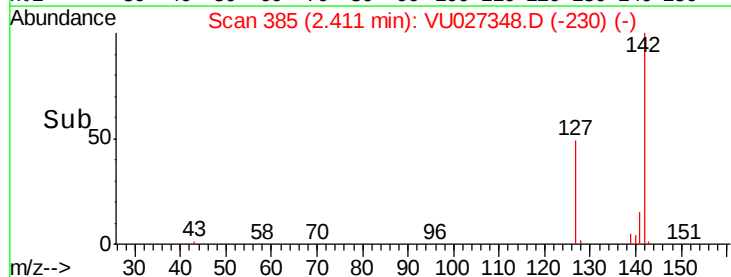
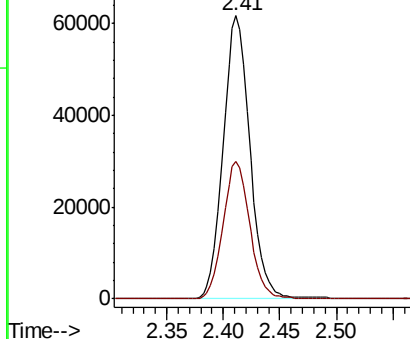
Lab File: VU027348.D

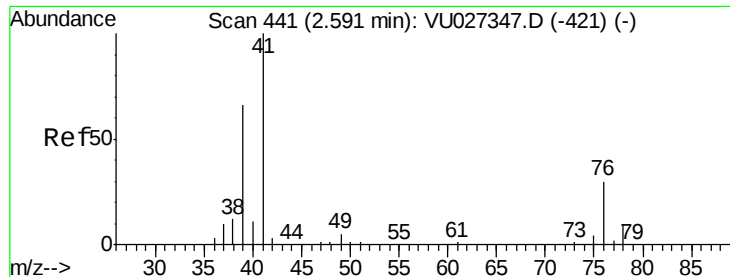
Acq: 02 Oct 2018 17:25

Tgt Ion:	142	Resp:	101748
Ion	Ratio	Lower	Upper
142	100		
127	48.4	38.3	57.5



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V





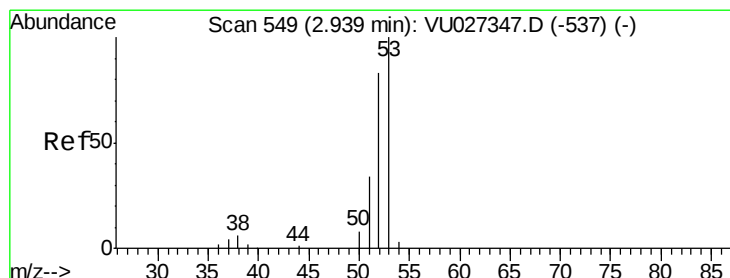
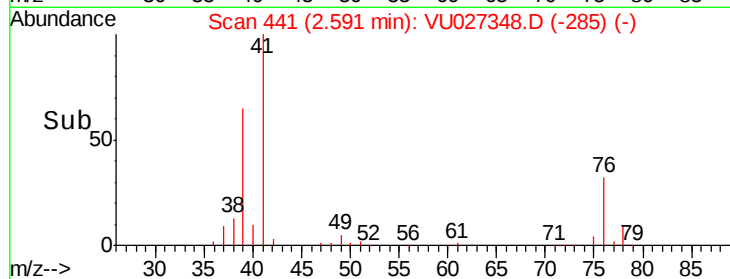
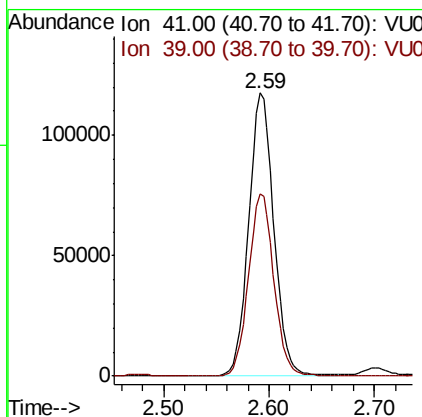
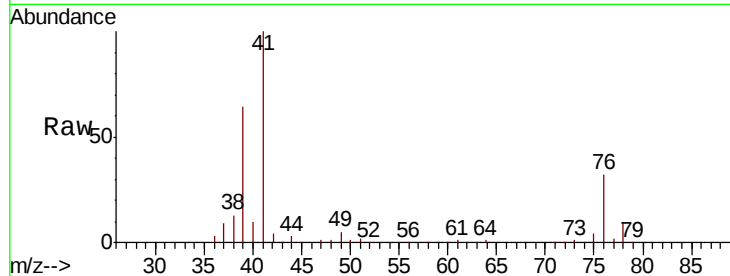
#11
Allvl Chloride
Concen: 21.621 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.4	52.2	78.4

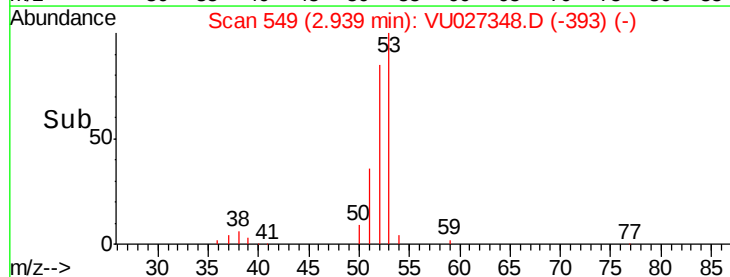
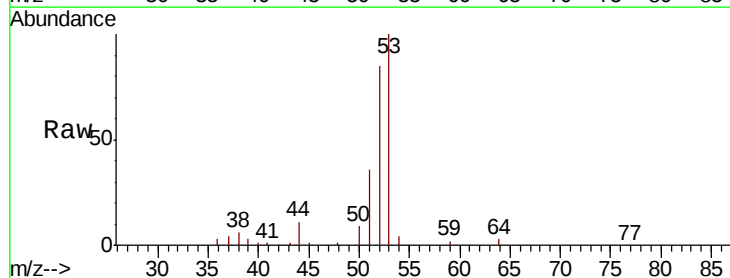
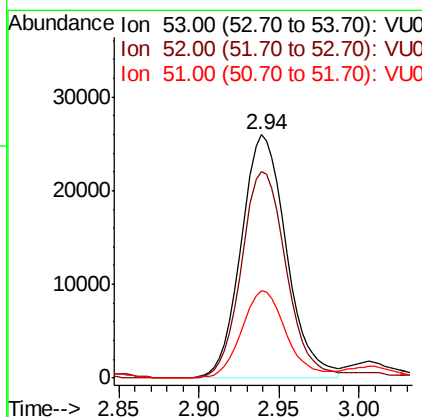
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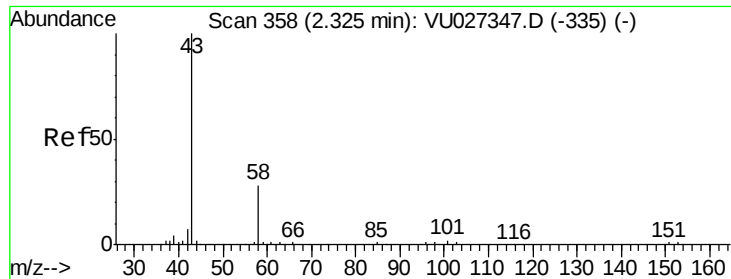
apatel
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#12
Acrylonitrile
Concen: 40.797 ug/l
RT: 2.94 min Scan# 549
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.0	67.0	100.4
51	35.5	29.0	43.6





#13

Acetone

Concen: 97.812 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 43 Resp: 109442

Ion Ratio Lower Upper

43 100

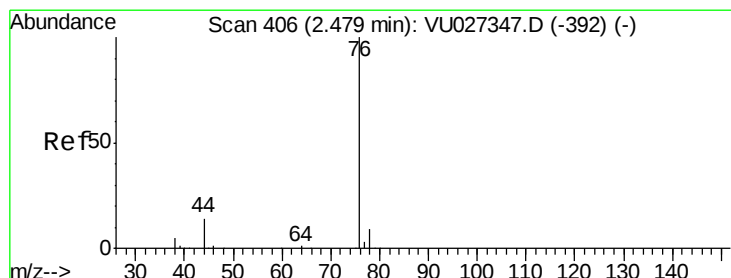
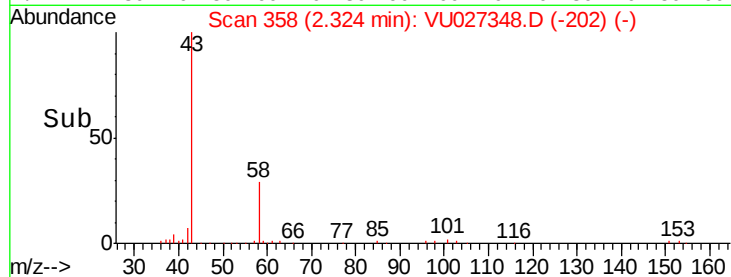
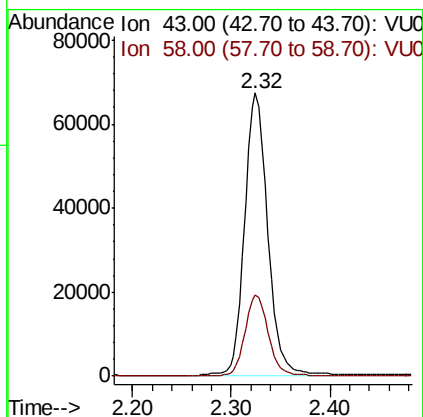
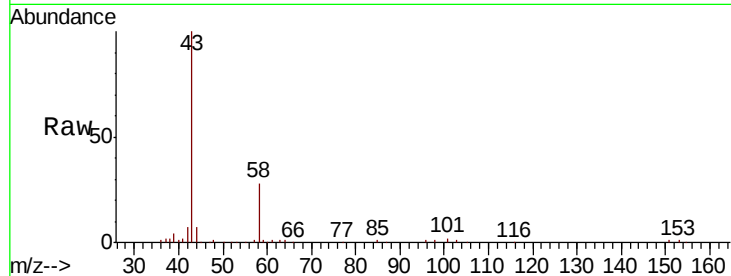
58 28.3 22.6 34.0

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#14

Carbon Disulfide

Concen: 16.998 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027348.D

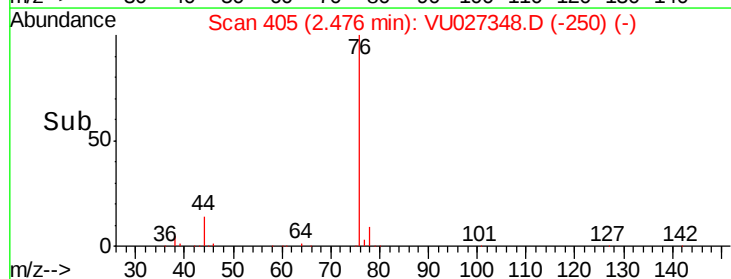
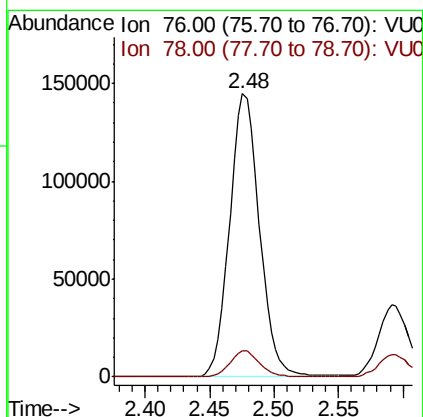
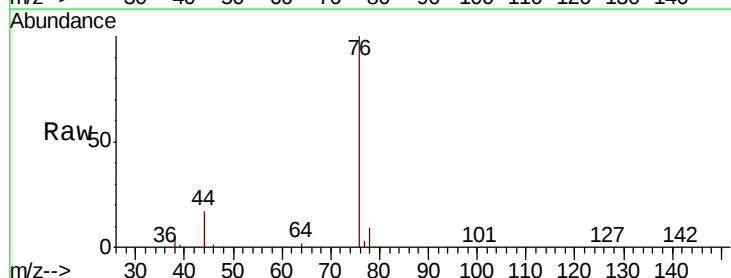
Acq: 02 Oct 2018 17:25

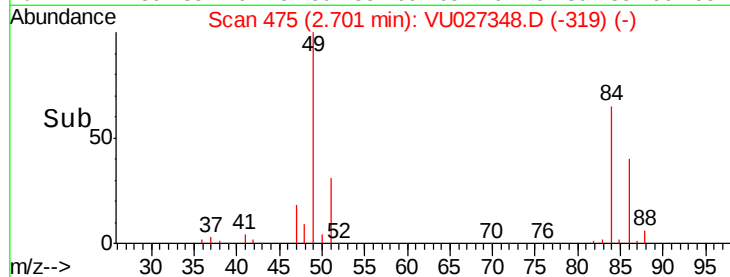
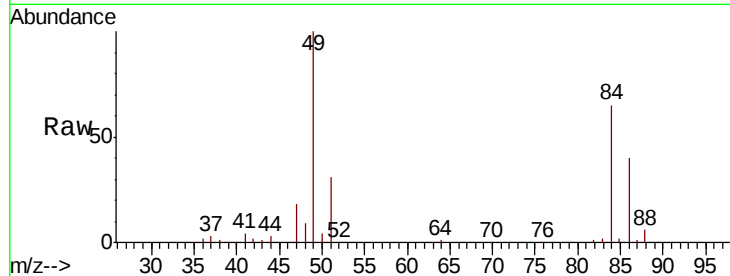
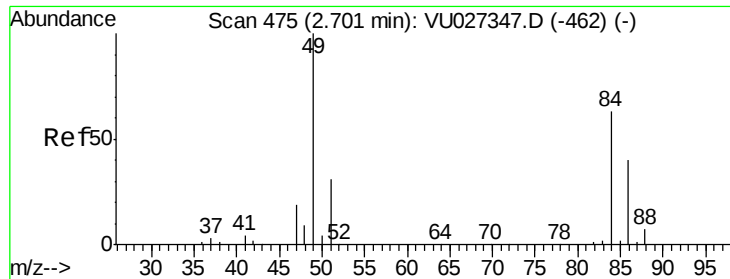
Tgt Ion: 76 Resp: 233625

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





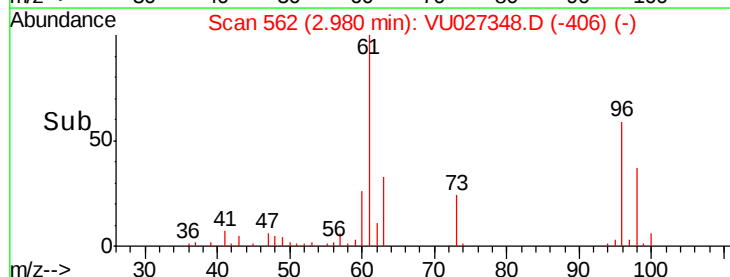
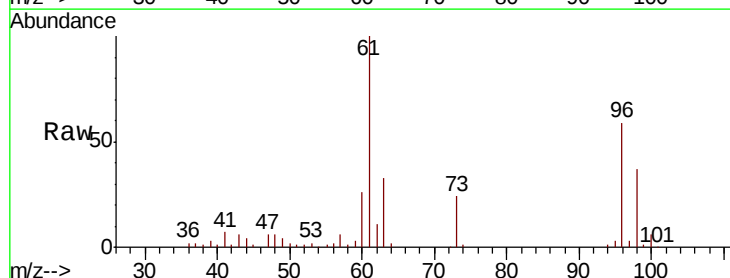
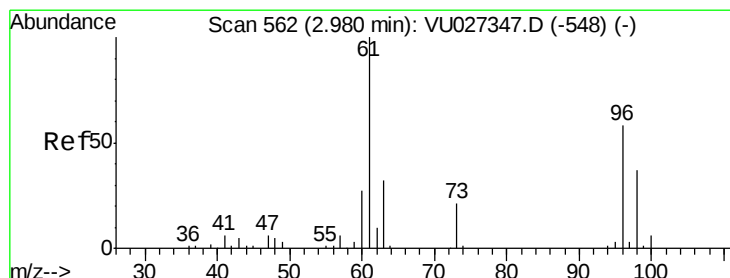
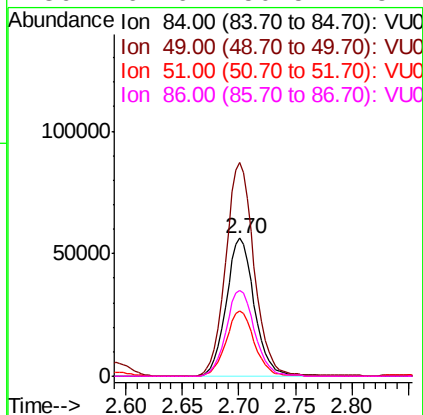
#15
Methvlene Chloride
Concen: 16.955 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tot Ion	84	Resp:	97451
Ion	Ratio	Lower	Upper
84	100		
49	155.0	126.0	189.0
51	47.7	0.0	97.4
86	62.6	50.5	75.7

Instrument :
MSVOA_U
ClientSampled :
VSTDIC015

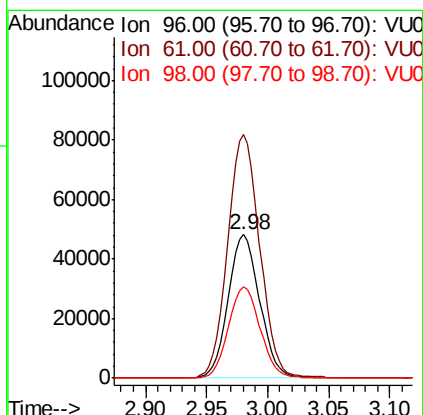
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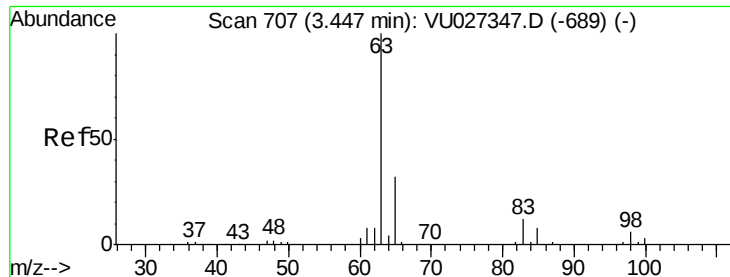
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#16
trans-1,2-Dichloroethene
Concen: 17.265 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	96	Resp:	87468
Ion	Ratio	Lower	Upper
96	100		
61	170.1	138.2	207.4
98	63.7	51.5	77.3





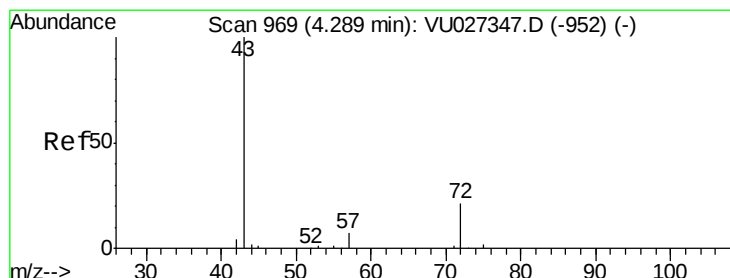
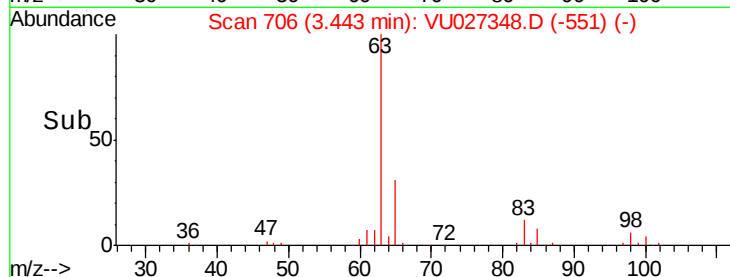
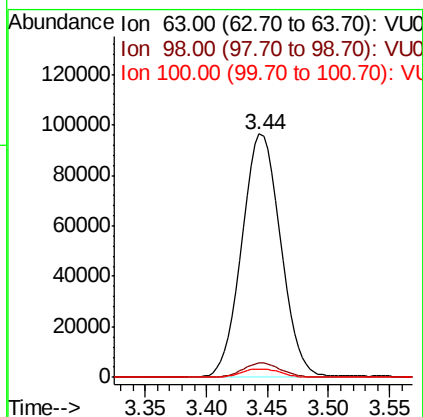
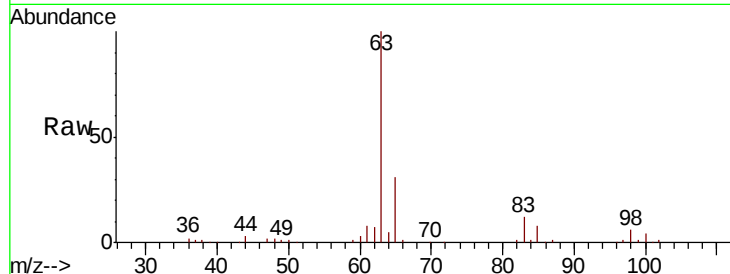
#17
 1,1-Dichloroethane
 Concen: 19.738 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	5.7	2.9	8.6
100	3.6	1.8	5.3

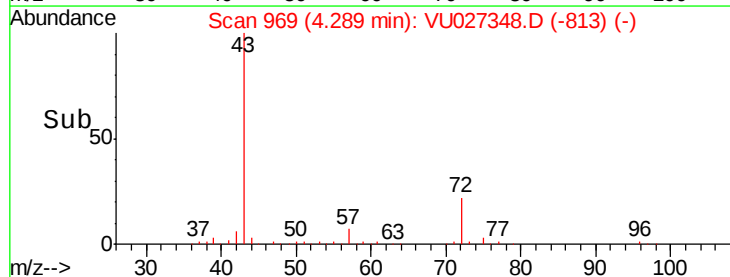
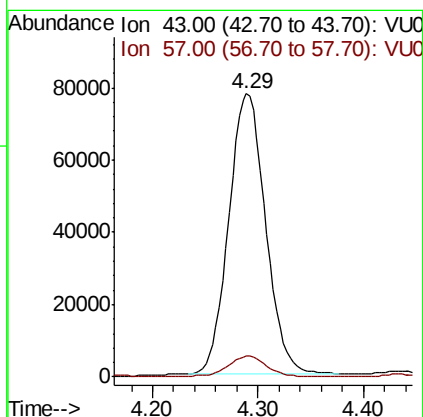
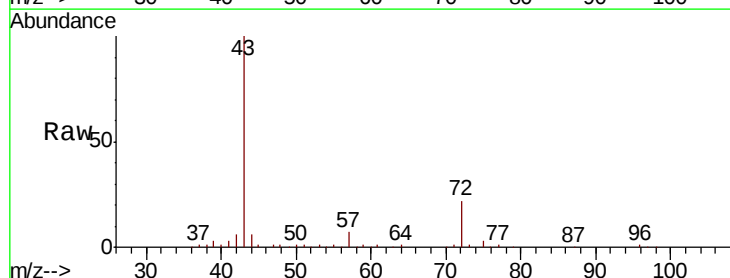
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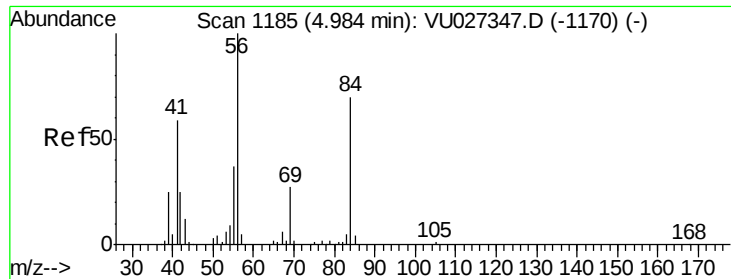
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#18
 2-Butanone
 Concen: 103.486 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

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





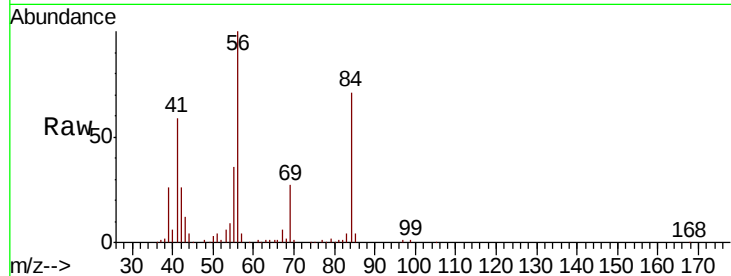
#19
Cyclohexane
Concen: 18.260 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

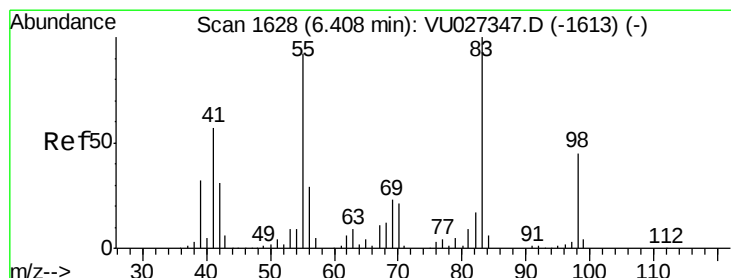
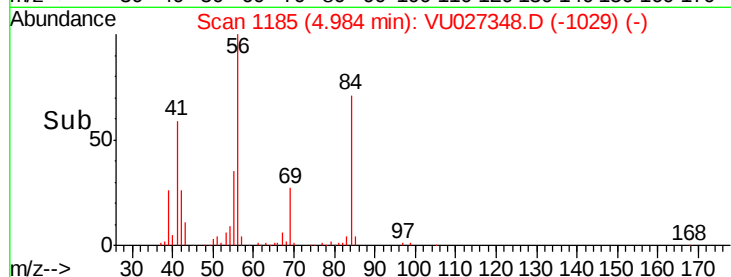
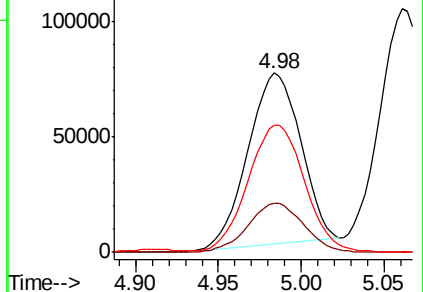
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.9	37.3
84	78.4	63.0	94.6

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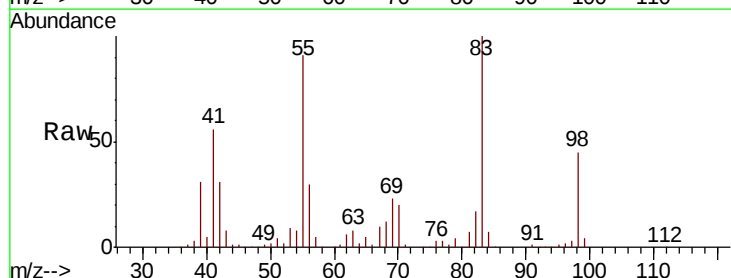


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

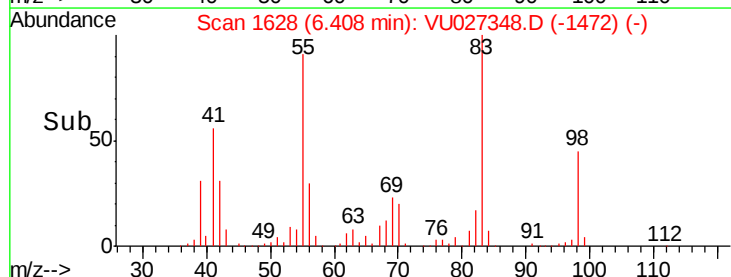
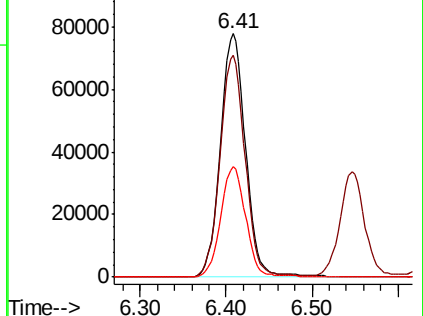


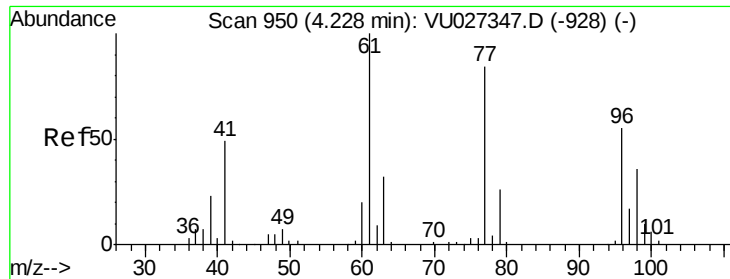
#20
Methylcyclohexane
Concen: 16.255 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.4	71.6	107.4
98	44.3	35.8	53.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 20.965 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 77 Resp: 170979

Ion Ratio Lower Upper

77 100

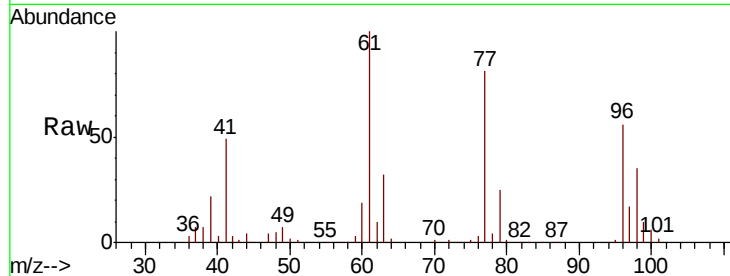
97 20.2 16.0 24.0

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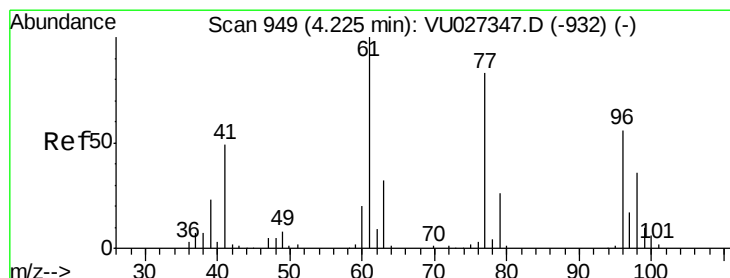
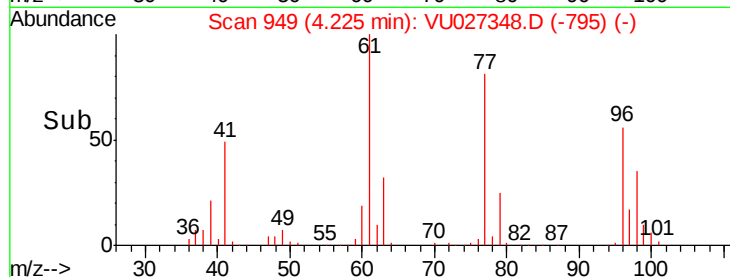
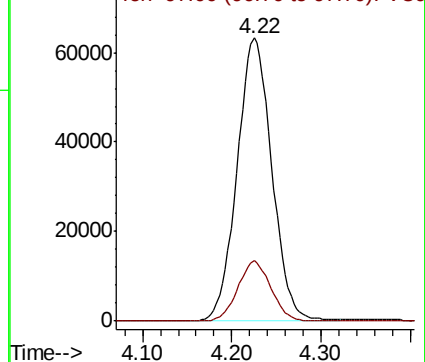
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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 16.354 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

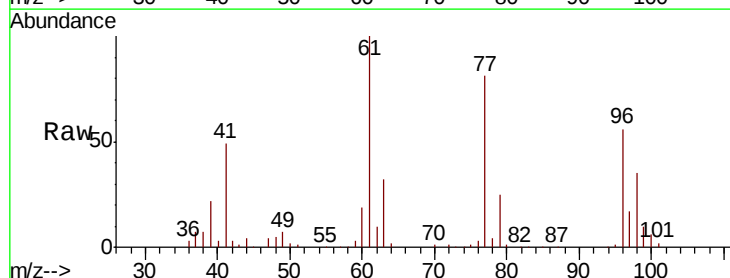
Tgt Ion: 96 Resp: 102965

Ion Ratio Lower Upper

96 100

61 182.2 0.0 461.8

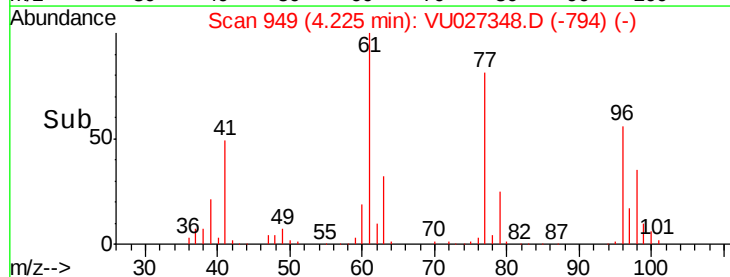
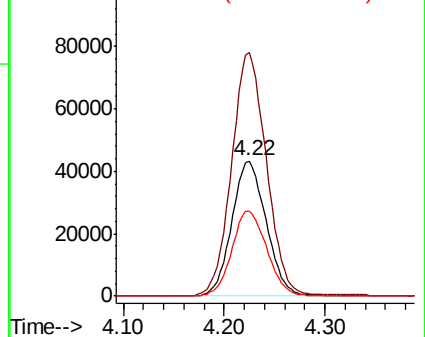
98 64.1 32.5 97.4

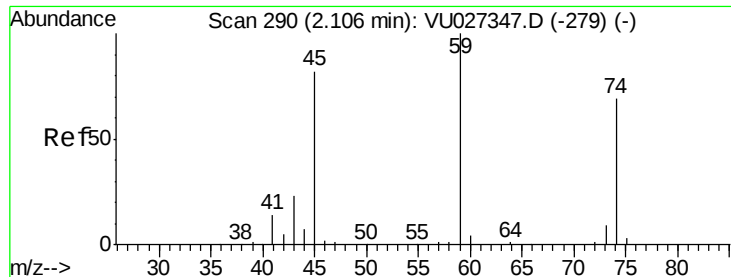


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 19.535 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

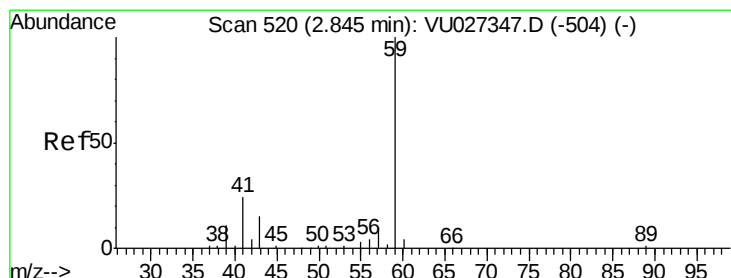
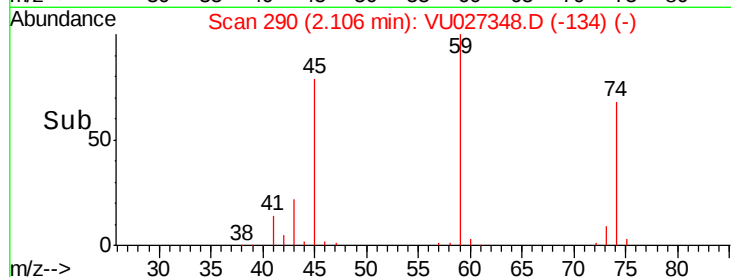
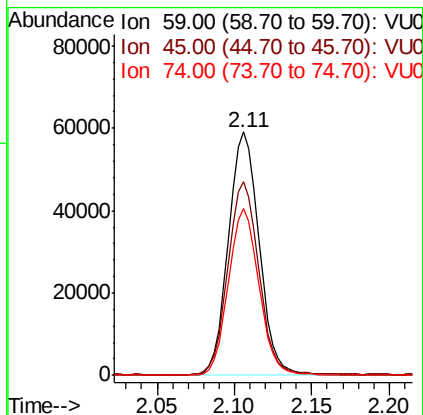
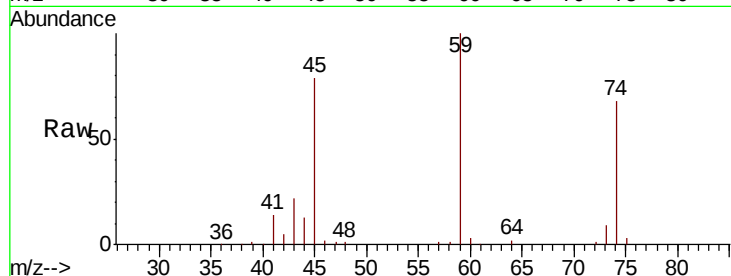
ClientSampleId :

VSTDIC015

Tot Ion:	59	Resp:	81314
Ion	Ratio	Lower	Upper
59	100		
45	79.3	65.2	97.8
74	68.1	54.2	81.4

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#24

tert-Butyl Alcohol

Concen: 170.961 ug/l

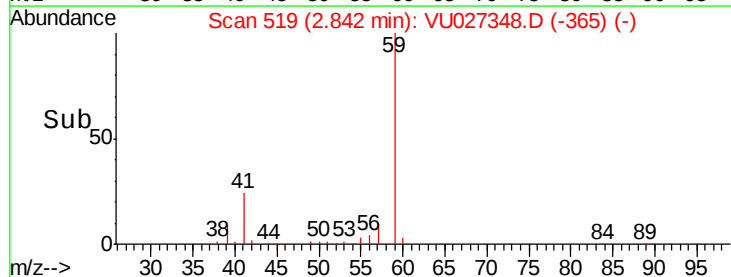
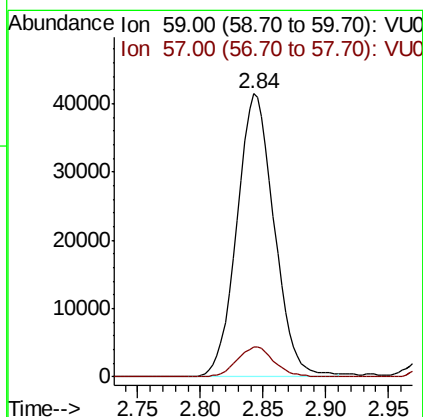
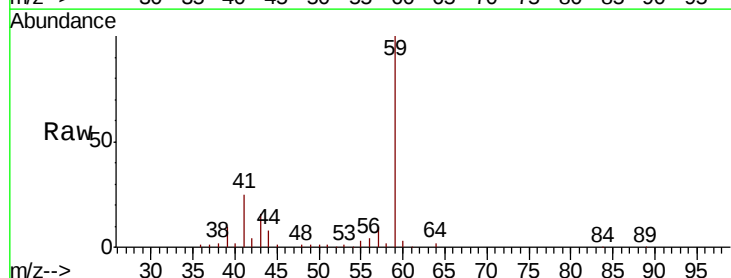
RT: 2.84 min Scan# 519

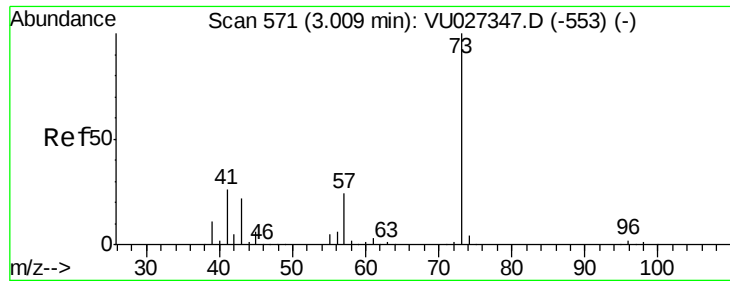
Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Tgt Ion:	59	Resp:	85753
Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2





#25

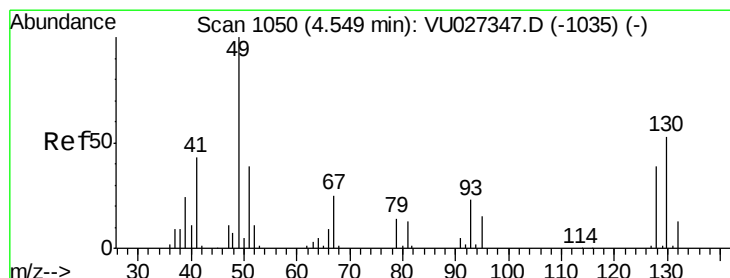
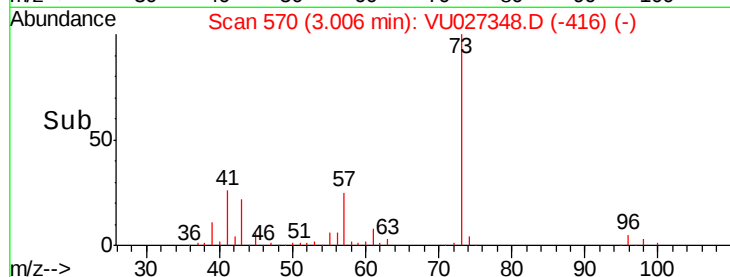
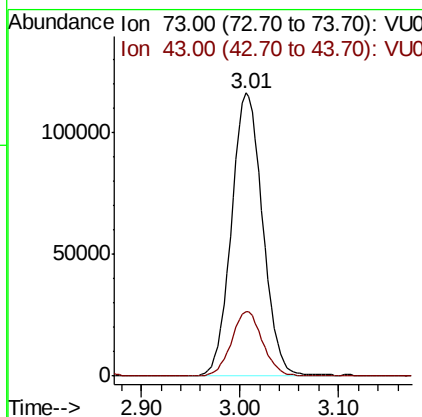
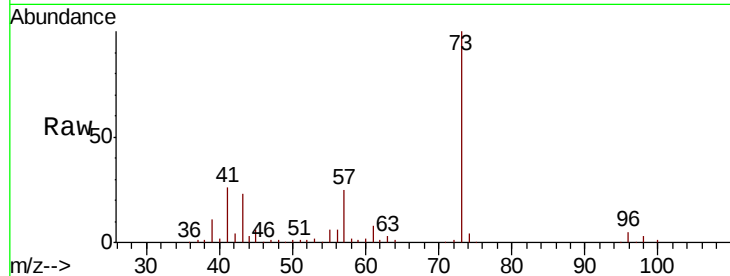
Methyl tert-Butyl Ether
 Concen: 19.644 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.3	17.6	26.4

Manual Integrations
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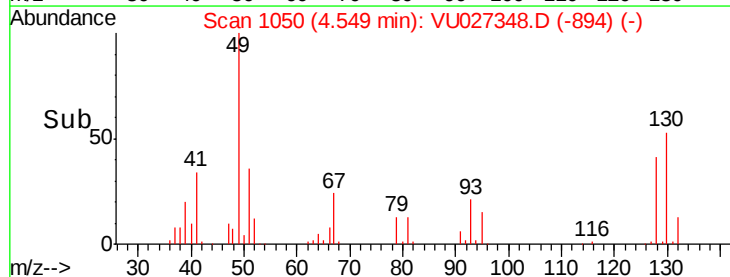
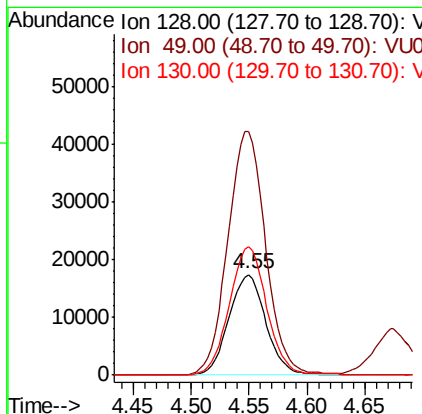
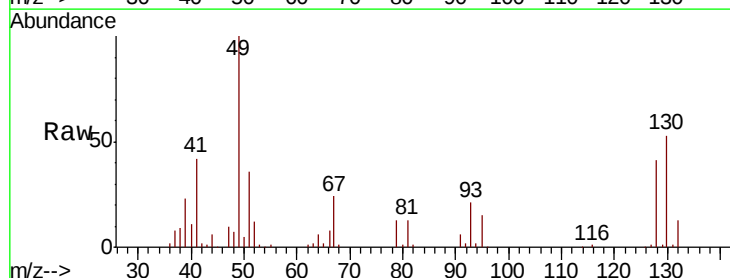
apatel
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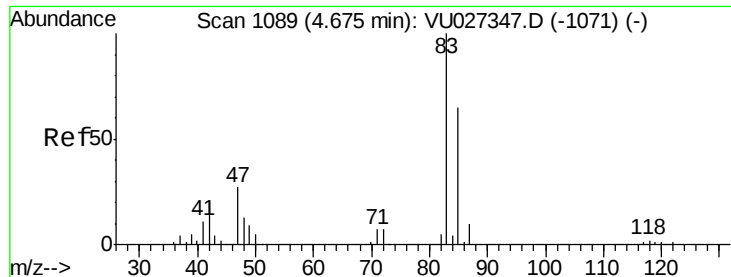


#26

Bromochloromethane
 Concen: 14.531 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
128	100		
49	246.6	0.0	498.8
130	129.2	103.8	155.8





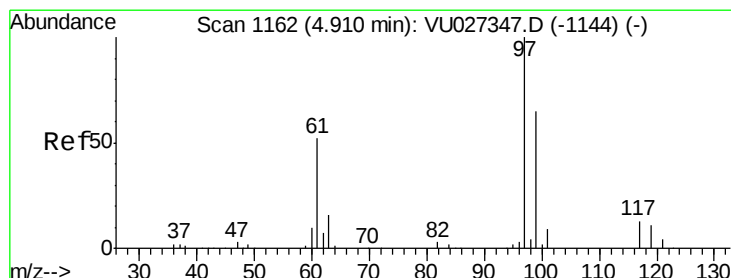
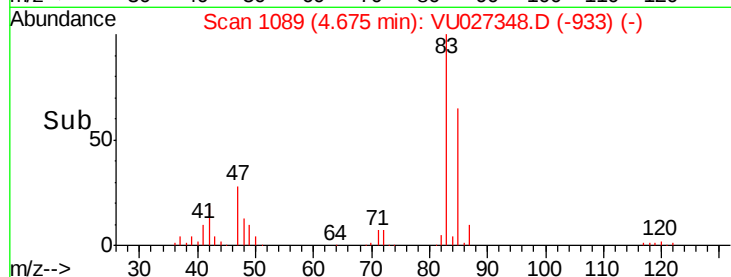
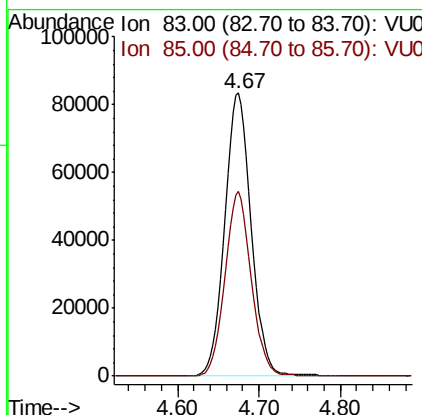
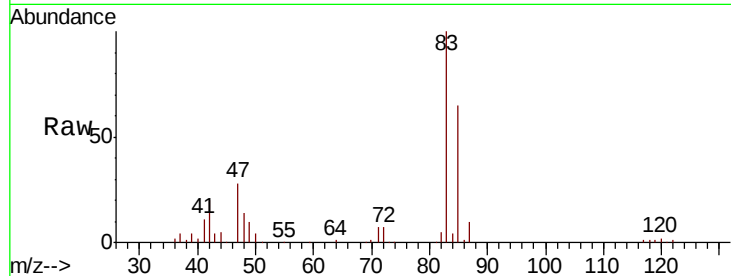
#27
Chloroform
Concen: 17.368 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	83	Resp	191117
Ion Ratio	100	Lower	Upper
85	65.2	0.0	129.4

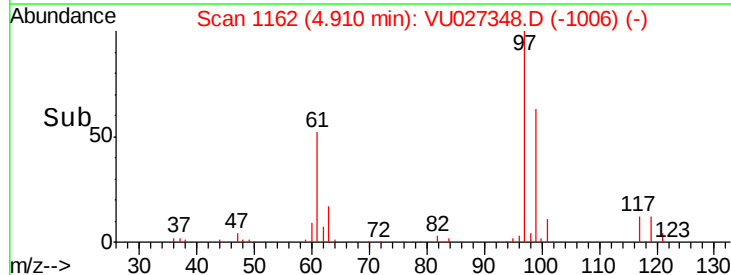
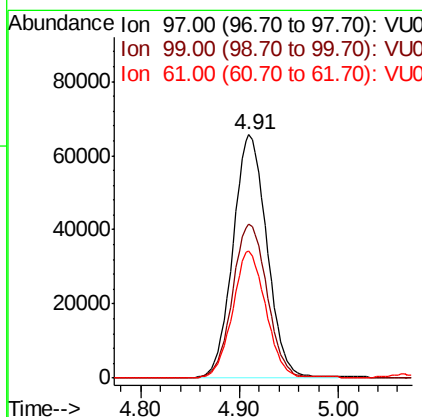
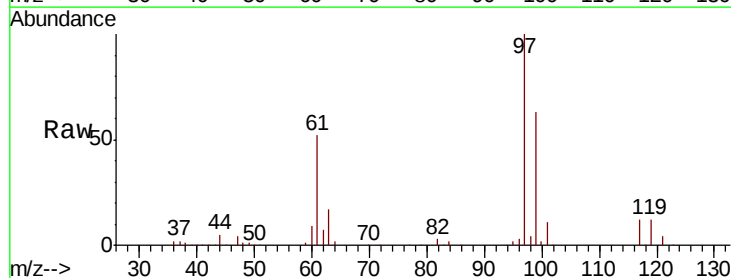
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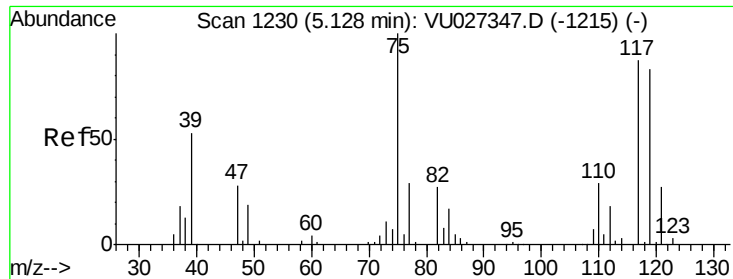
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#28
1,1,1-Trichloroethane
Concen: 18.271 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	97	Resp	157438
Ion Ratio	100	Lower	Upper
99	64.3	31.9	95.9
61	50.9	25.7	77.1





#29

1,1-Dichloropropene

Concen: 16.813 ug/l

RT: 5.13 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

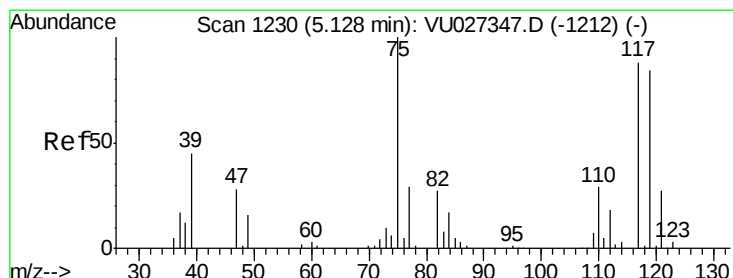
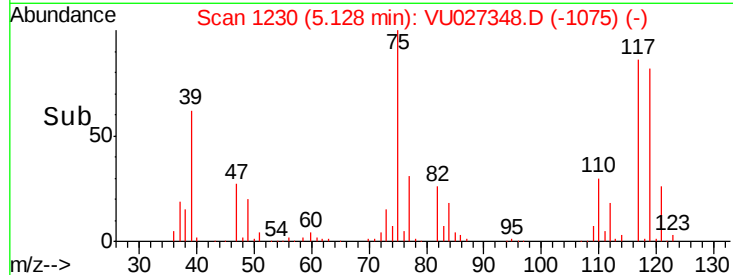
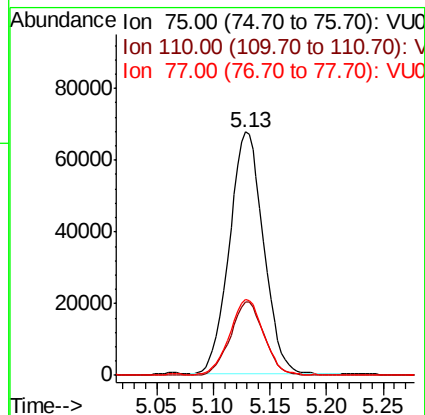
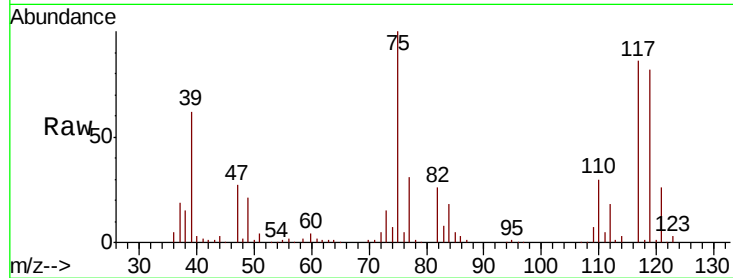
ClientSampleId :

VSTDIC015

Tot Ion:	75	Resp:	141047
Ion Ratio	Lower	Upper	
75	100		
110	30.0	15.0	45.0
77	31.0	24.2	36.2

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#30

Carbon Tetrachloride

Concen: 18.761 ug/l

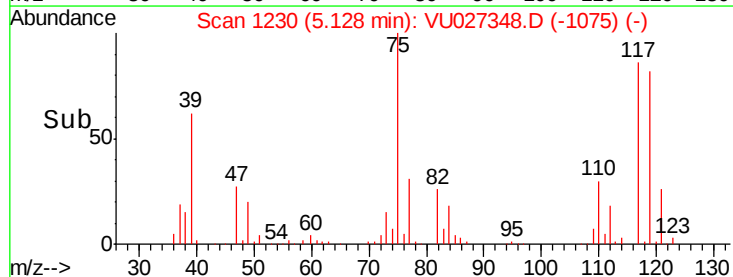
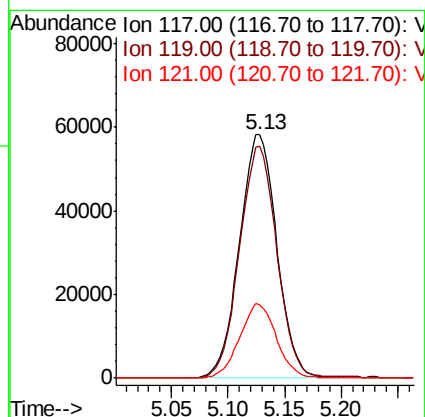
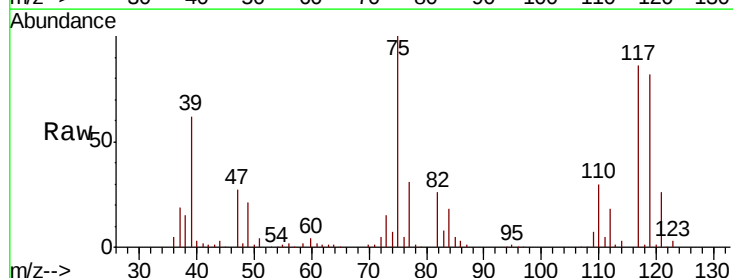
RT: 5.13 min Scan# 1230

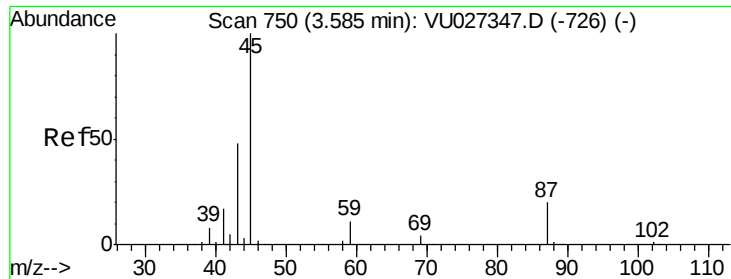
Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Tgt Ion:	117	Resp:	134348
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.9	113.9
121	30.3	24.6	37.0





#31

Isopropyl Ether

Concen: 20.772 ug/l

RT: 3.58 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 45 Resp: 397938

Ion Ratio Lower Upper

45 100

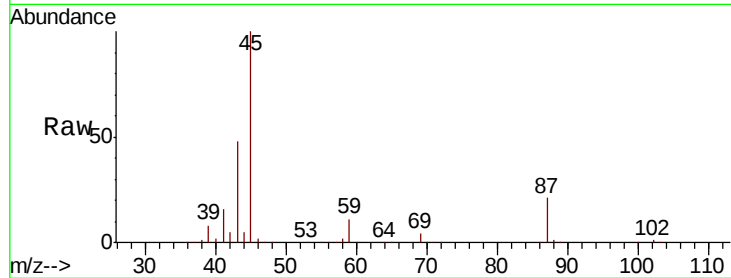
43 48.5 24.1 72.3

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Abundance Ion 45.00 (44.70 to 45.70): VU027348.D (-594) (-)

Ion 43.00 (42.70 to 43.70): VU027348.D (-594) (-)

3.58

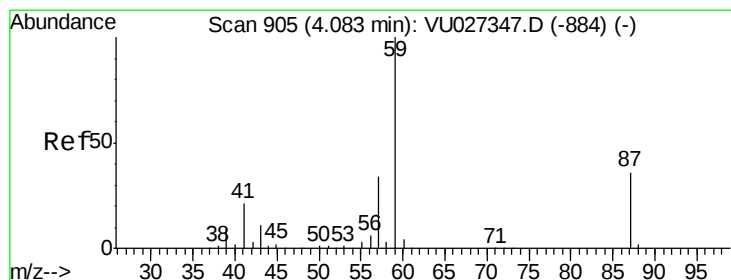
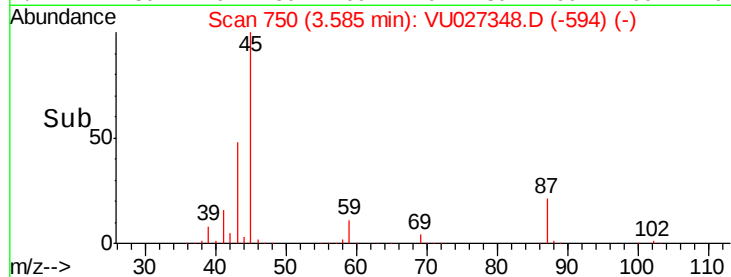
150000

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 19.526 ug/l

RT: 4.08 min Scan# 905

Delta R.T. -0.00 min

Lab File: VU027348.D

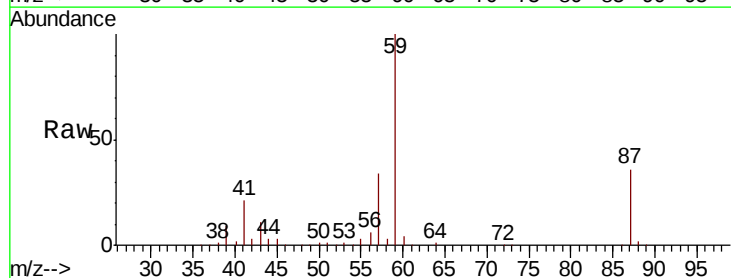
Acq: 02 Oct 2018 17:25

Tgt Ion: 59 Resp: 316874

Ion Ratio Lower Upper

59 100

87 36.2 28.6 42.8



Abundance Ion 59.00 (58.70 to 59.70): VU027348.D (-749) (-)

Ion 87.00 (86.70 to 87.70): VU027348.D (-749) (-)

4.08

120000

100000

80000

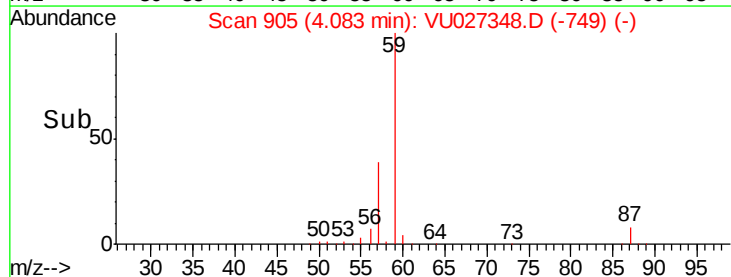
60000

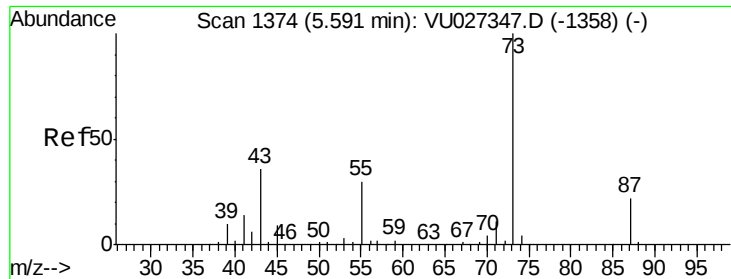
40000

20000

0

Time-->





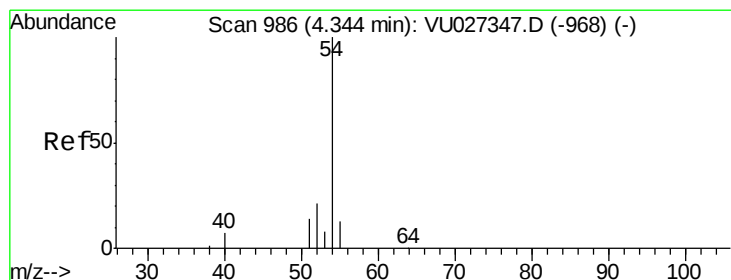
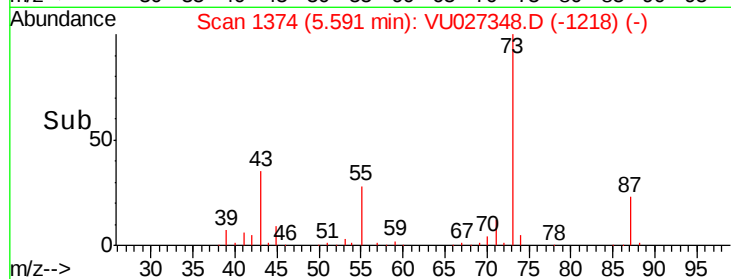
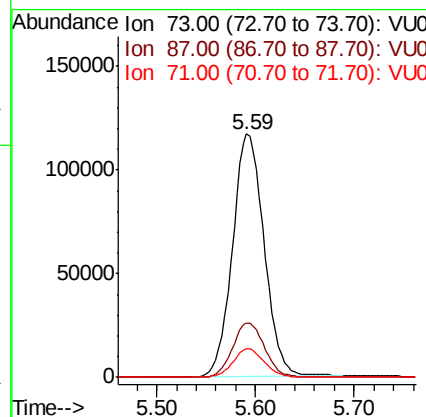
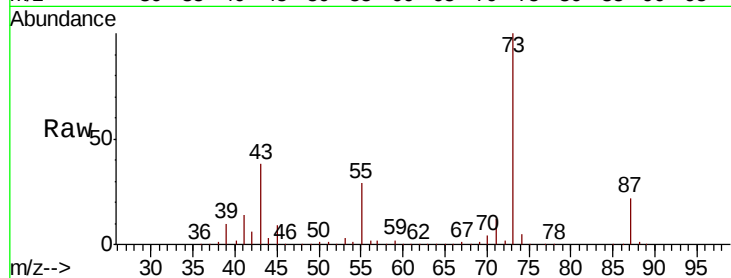
#33
Tert-Butyl methyl ether
Concen: 19.728 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.6	18.1	27.1
71	11.4	9.2	13.8

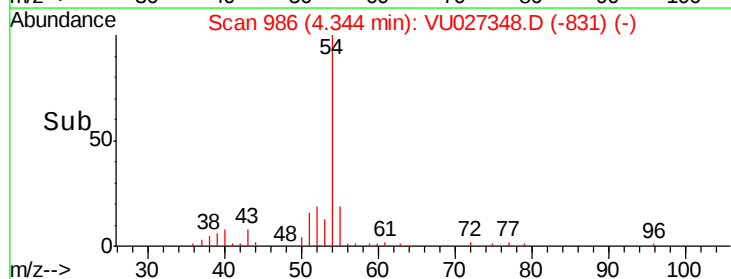
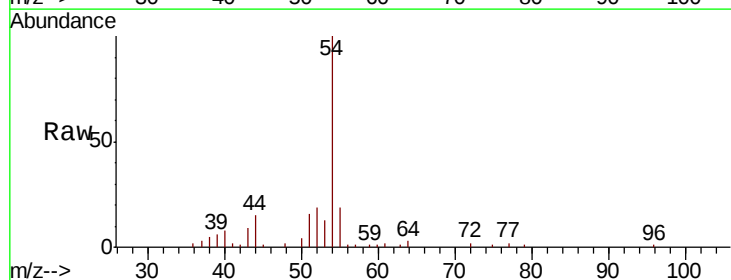
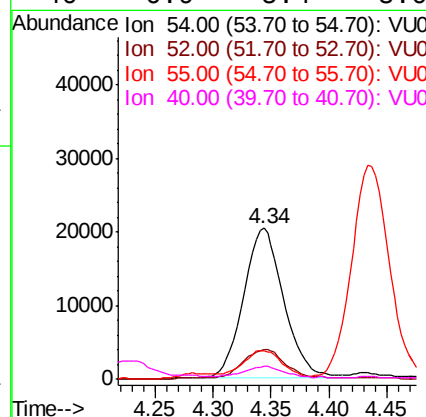
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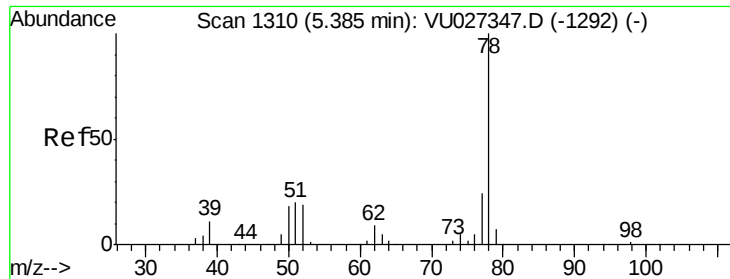
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#34
Propionitrile
Concen: 93.932 ug/l
RT: 4.34 min Scan# 986
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.1	16.9	25.3
55	18.0	13.9	20.9
40	6.9	5.4	8.0





#35

Benzene

Concen: 16.795 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 78 Resp: 409020

Ion Ratio Lower Upper

78 100

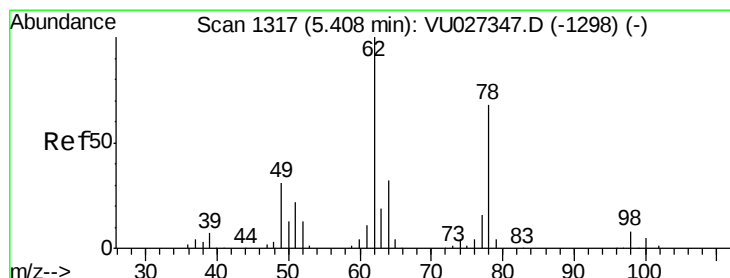
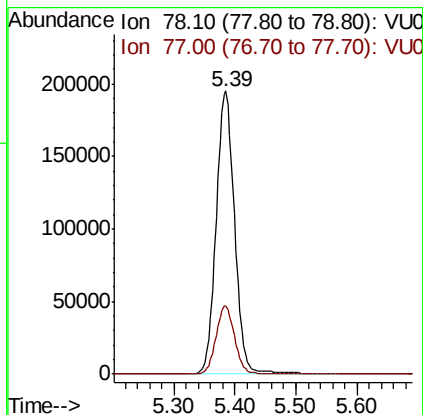
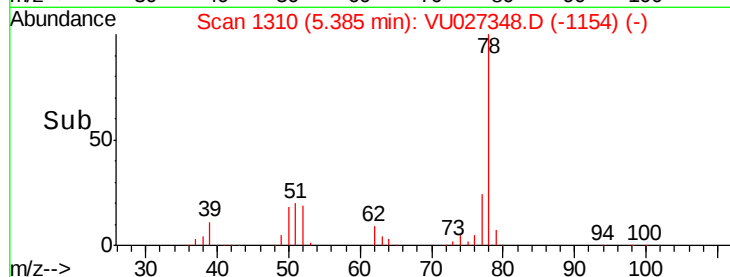
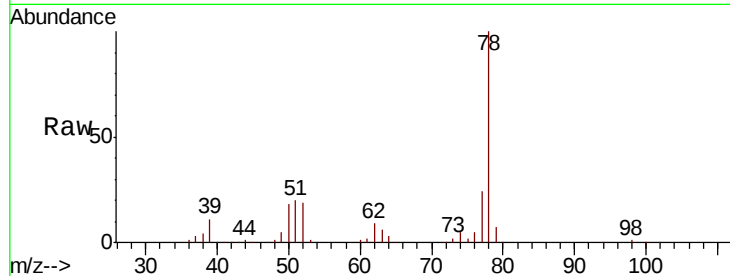
77 24.1 19.5 29.3

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#36

1,2-Dichloroethane

Concen: 18.844 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU027348.D

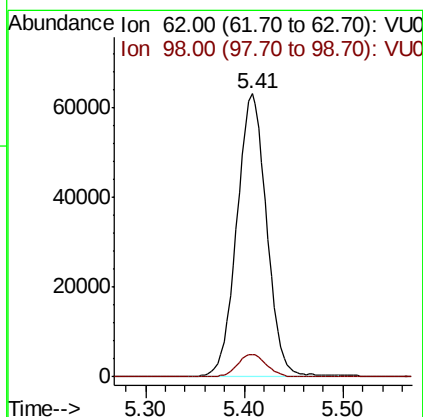
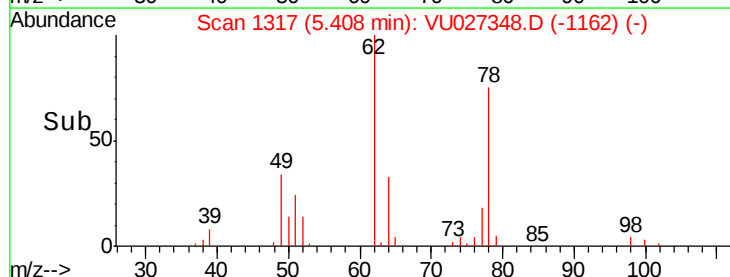
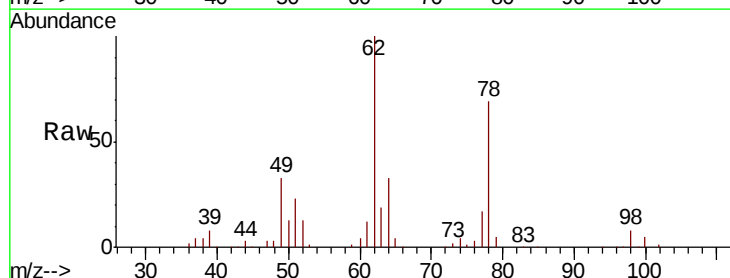
Acq: 02 Oct 2018 17:25

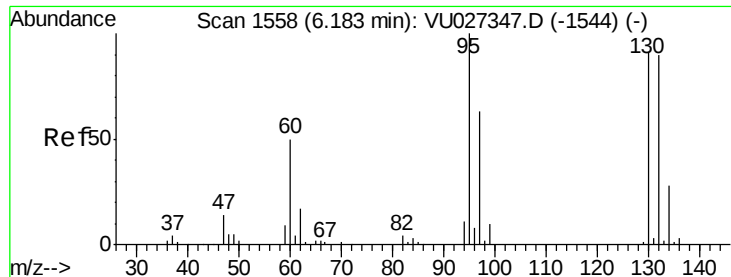
Tgt Ion: 62 Resp: 132312

Ion Ratio Lower Upper

62 100

98 7.8 6.2 9.2





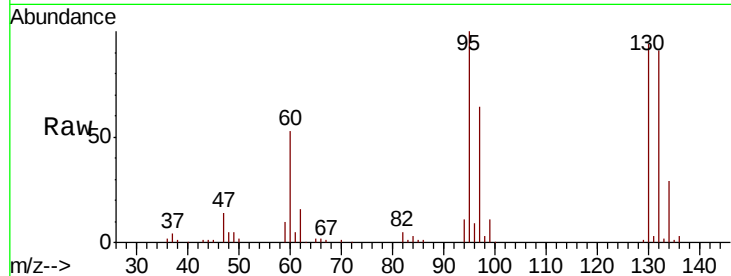
#37
 Trichloroethene
 Concen: 14.396 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

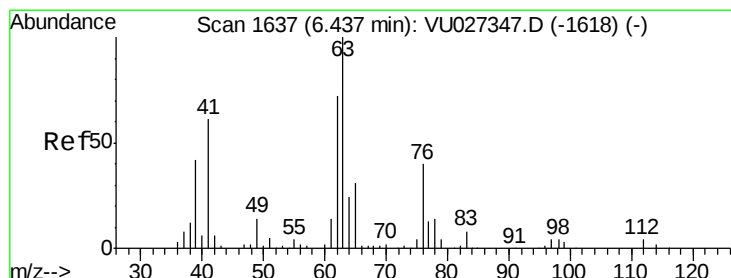
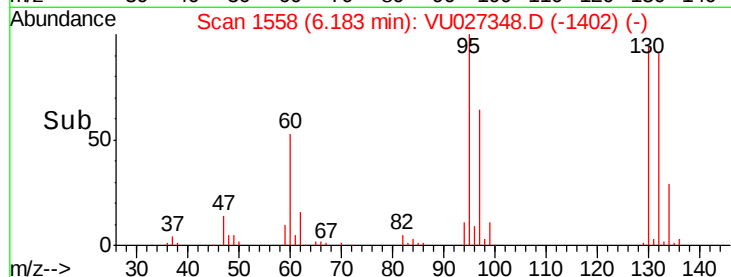
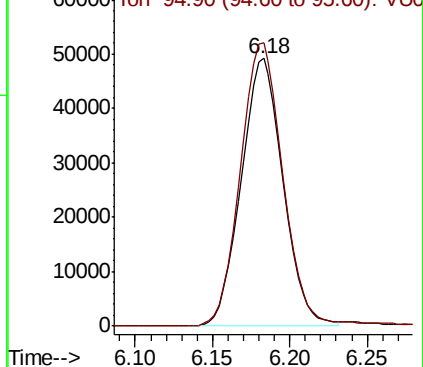
Tot Ion:130 Resp: 92637
 Ion Ratio Lower Upper
 130 100
 95 105.8 87.6 131.4

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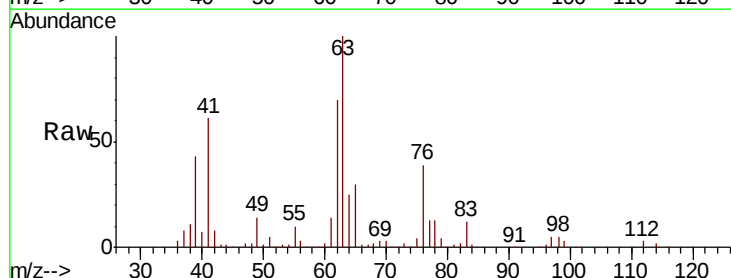


Abundance Ion 129.90 (129.60 to 130.60): VU027347.D (-1544) (-)
 Ion 94.90 (94.60 to 95.60): VU027347.D (-1544) (-)

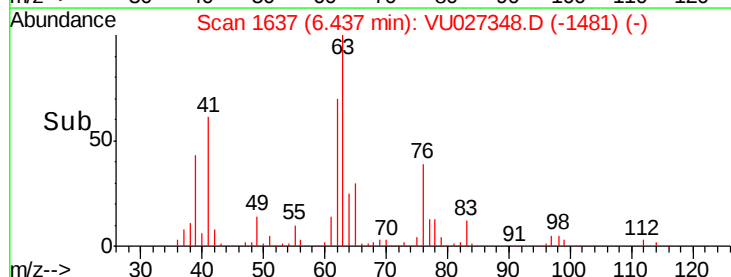
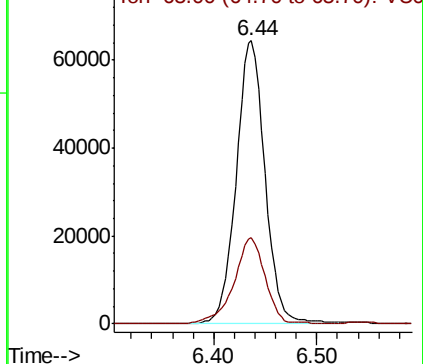


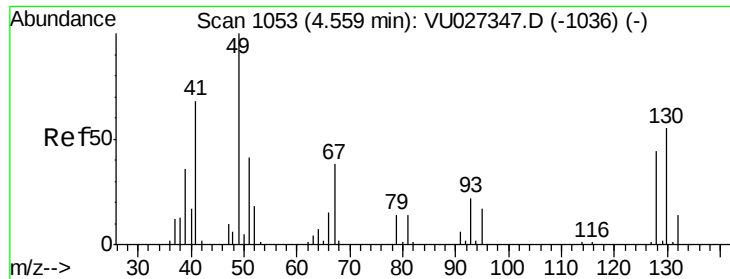
#38
 1,2-Dichloropropane
 Concen: 19.358 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion: 63 Resp: 125467
 Ion Ratio Lower Upper
 63 100
 65 30.1 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) (-)





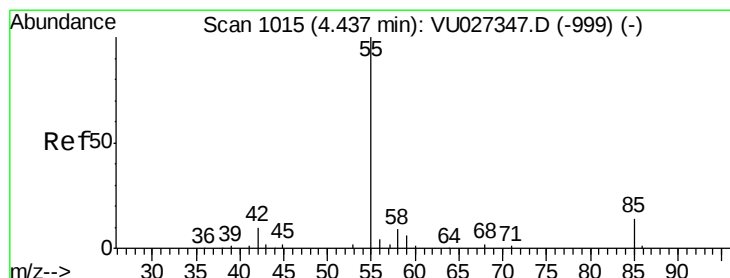
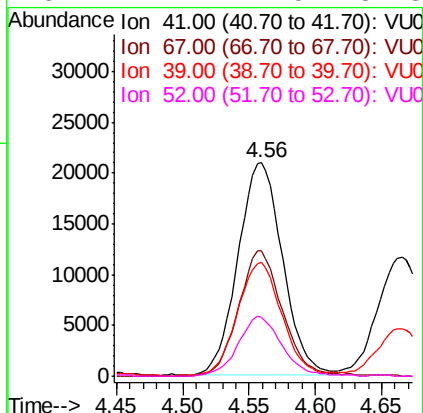
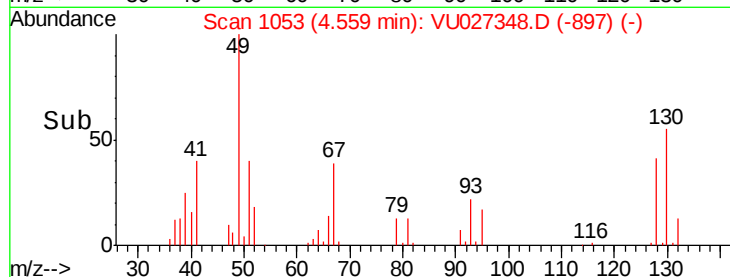
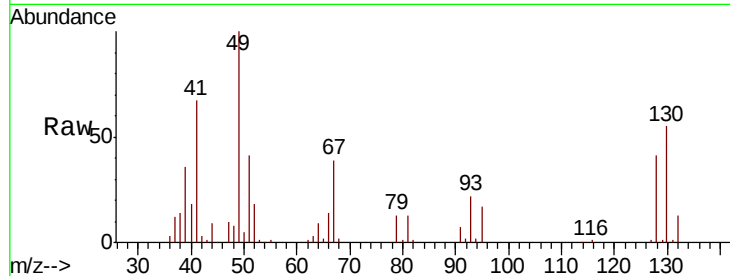
#39
Methacrylonitrile
Concen: 21.280 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	41	Resp	49118
Ion	Ratio	Lower	Upper
41	100		
67	57.9	46.2	69.2
39	53.8	43.8	65.6
52	27.4	21.5	32.3

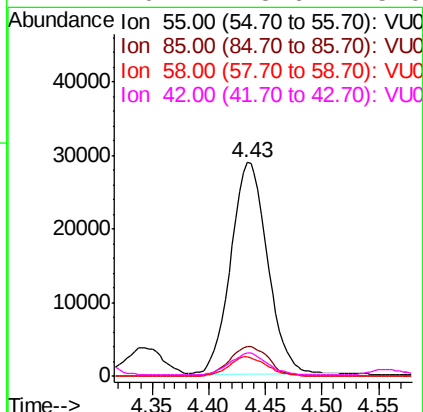
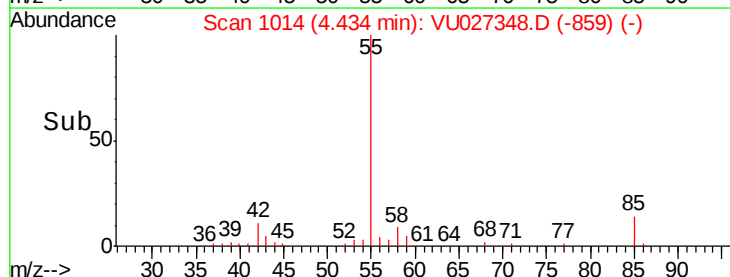
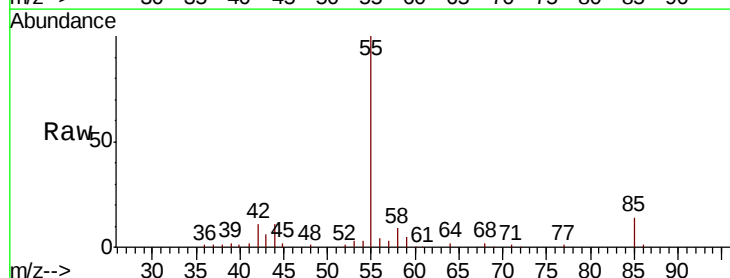
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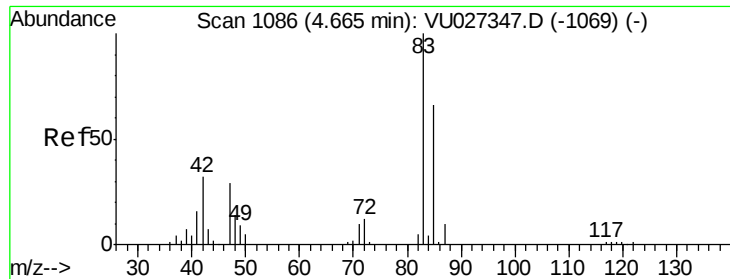
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#40
Methyl acrylate
Concen: 19.942 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	55	Resp	65291
Ion	Ratio	Lower	Upper
55	100		
85	14.5	11.8	17.8
58	9.2	7.3	10.9
42	10.4	8.6	13.0





#41

Tetrahydrofuran

Concen: 40.176 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

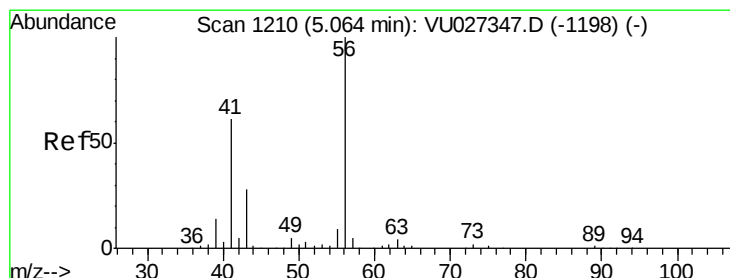
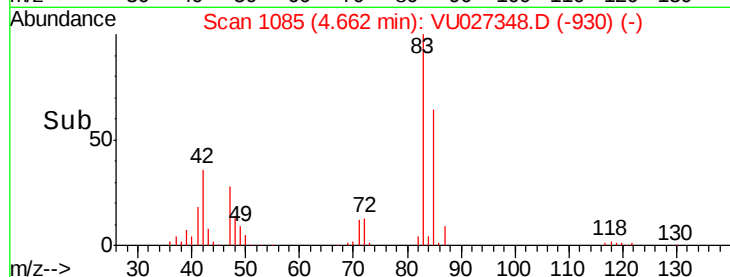
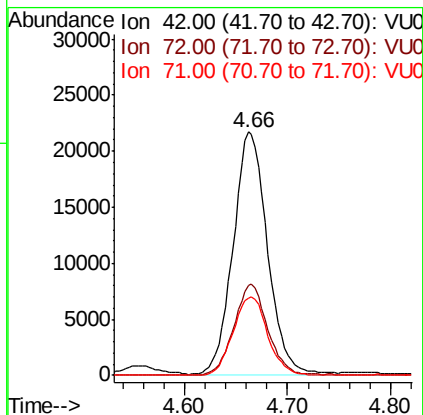
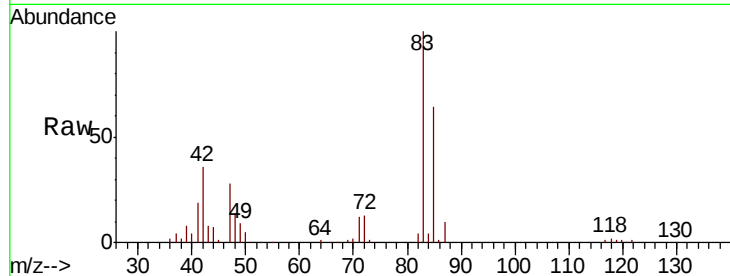
ClientSampleId :

VSTDIC015

Tot Ion:	42	Resp:	50798
Ion	Ratio	Lower	Upper
42	100		
72	36.3	29.2	43.8
71	32.0	25.8	38.8

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#42

1-Chlorobutane

Concen: 18.333 ug/l

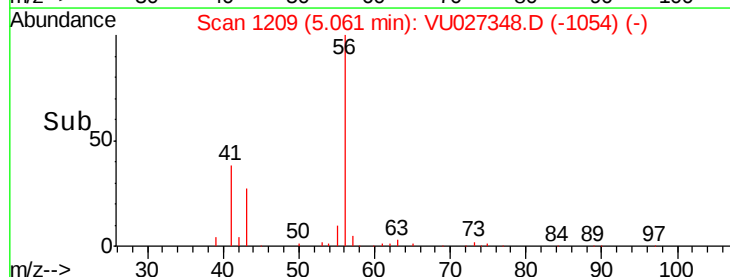
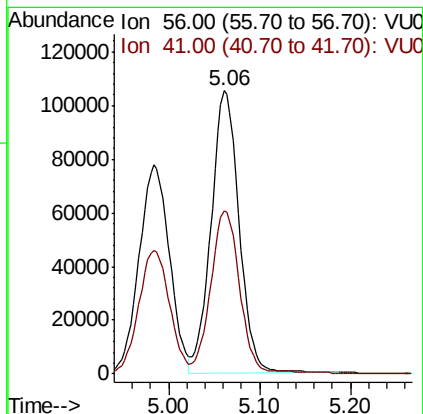
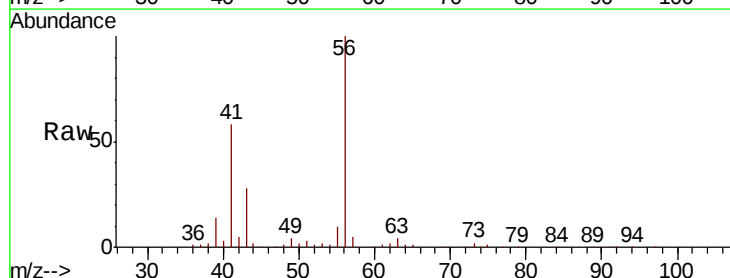
RT: 5.06 min Scan# 1209

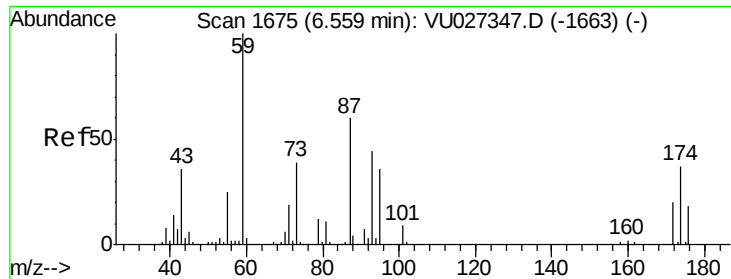
Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Tgt Ion:	56	Resp:	225241
Ion	Ratio	Lower	Upper
56	100		
41	57.3	28.7	86.3





#43

Dibromomethane

Concen: 17.976 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 93 Resp: 52288

Ion Ratio Lower Upper

93 100

95 83.6 64.7 97.1

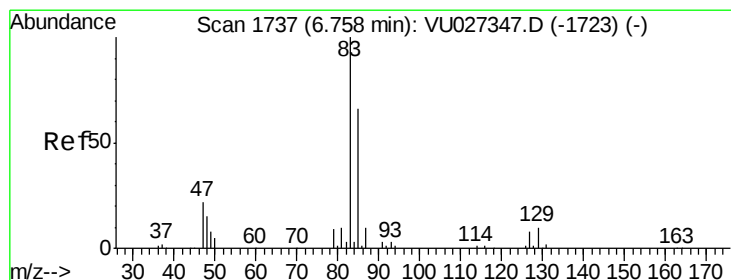
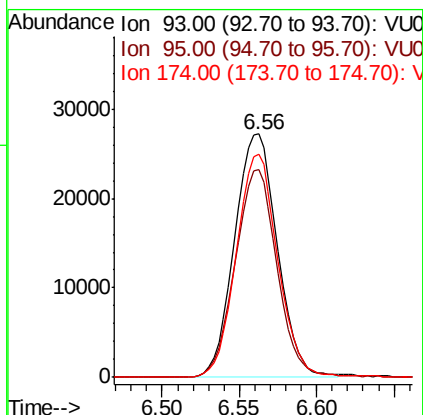
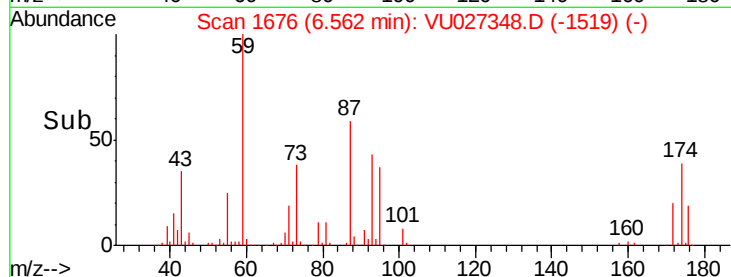
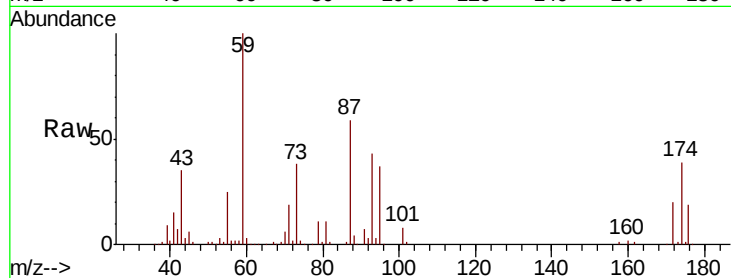
174 88.9 68.2 102.4

Manual Integrations

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#44

Bromodichloromethane

Concen: 20.373 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

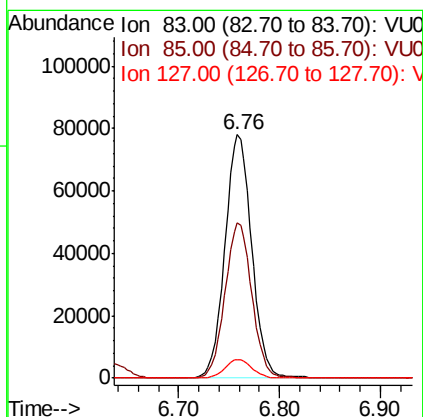
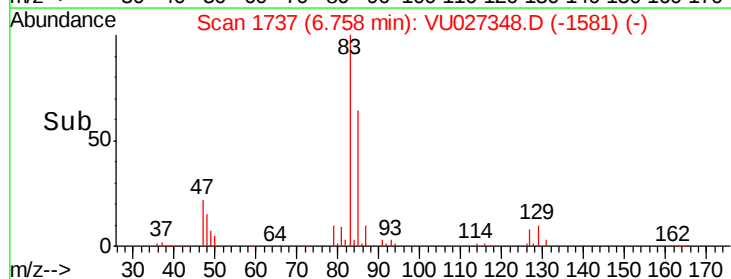
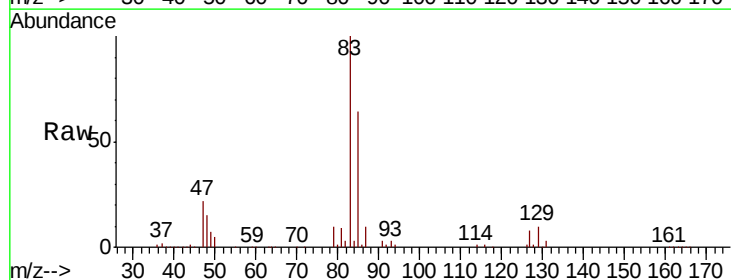
Tgt Ion: 83 Resp: 144349

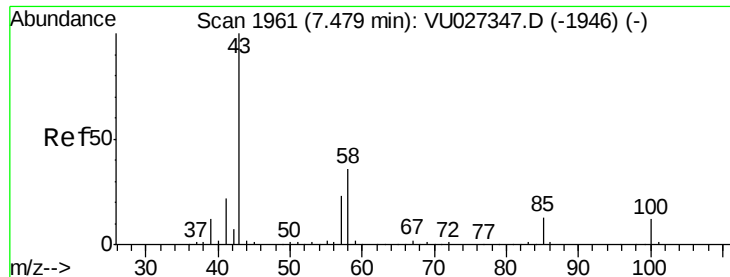
Ion Ratio Lower Upper

83 100

85 63.6 52.6 79.0

127 7.7 6.2 9.2





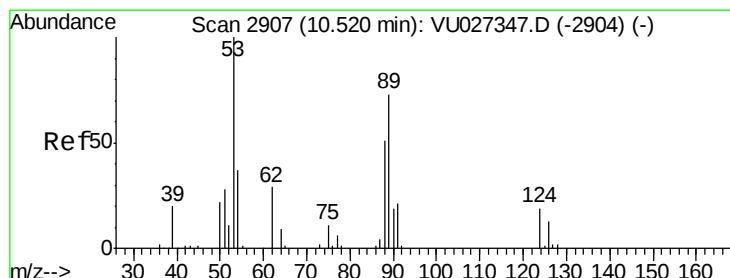
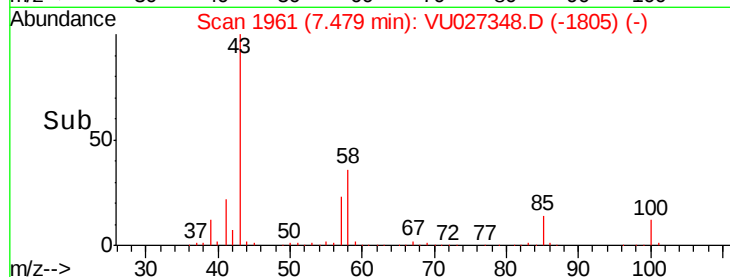
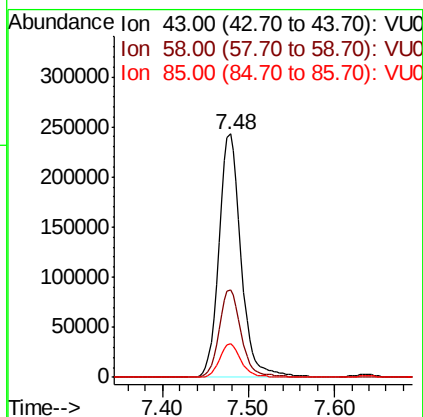
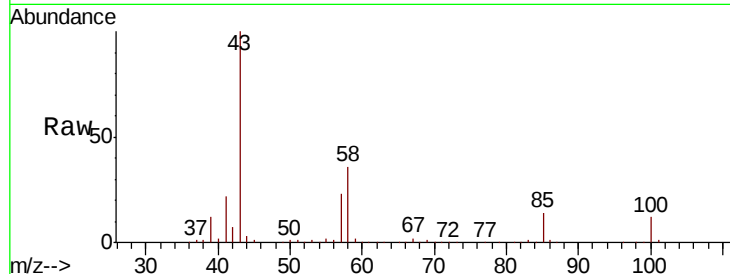
#45
4-Methyl-2-Pentanone
Concen: 104.090 ug/l
RT: 7.48 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.1	17.9	53.8
85	13.6	10.6	16.0

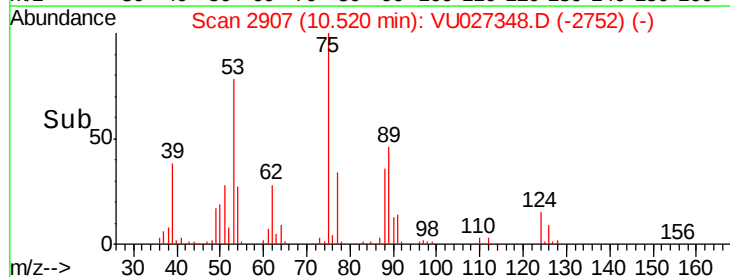
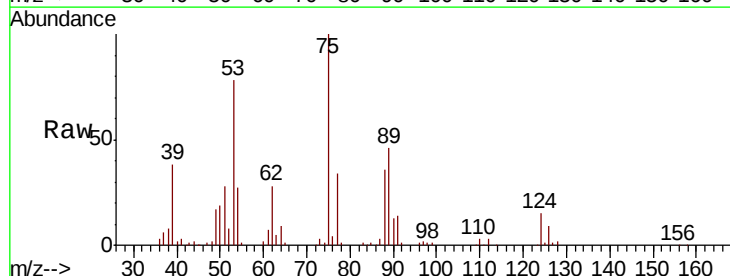
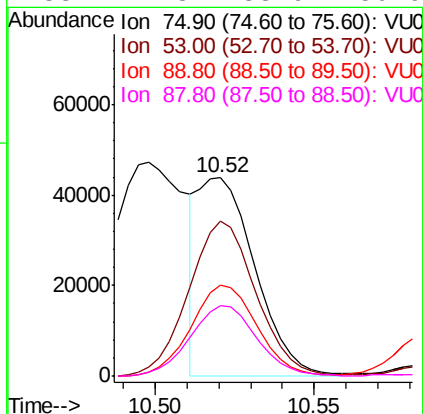
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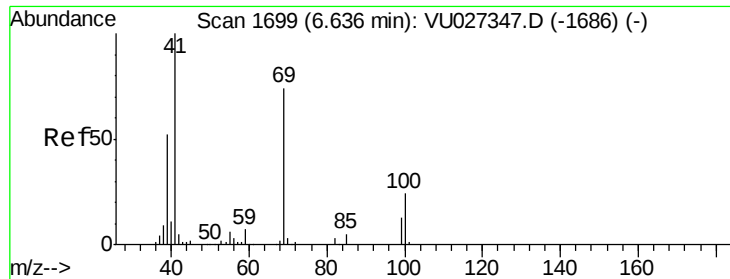
apatel
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#46
t-1,4-Dichloro-2-butene
Concen: 50.248 ug/l m
RT: 10.52 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.5	75.7	113.5
89	53.4	42.6	64.0
88	41.8	33.9	50.9





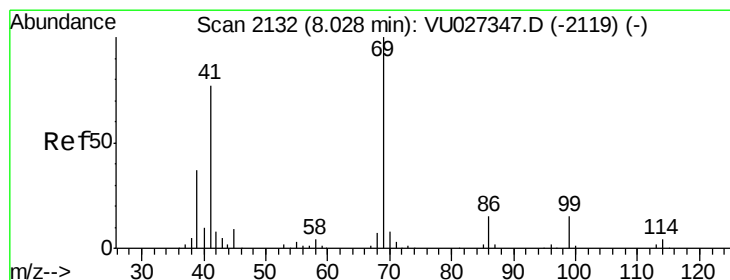
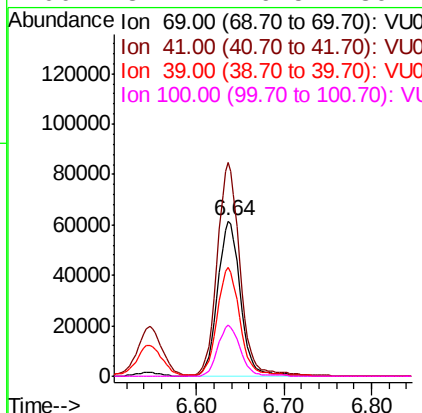
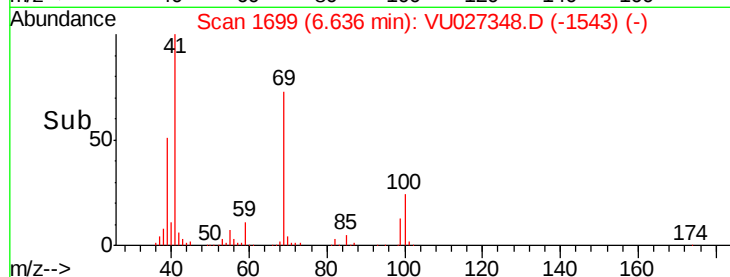
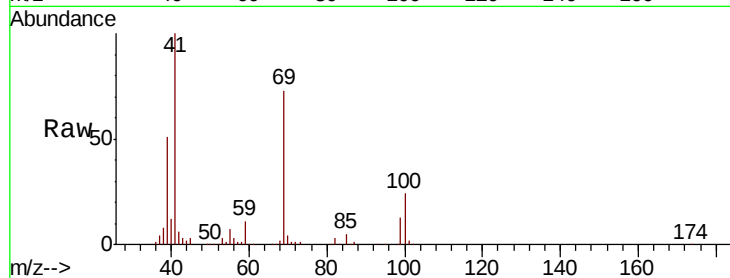
#47
Methyl methacrylate
Concen: 38.526 ug/l
RT: 6.64 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	136.2	0.0	272.2		
39	69.5	56.4	84.6		
100	32.2	26.5	39.7		

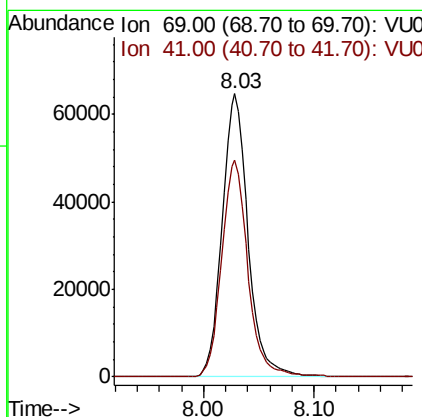
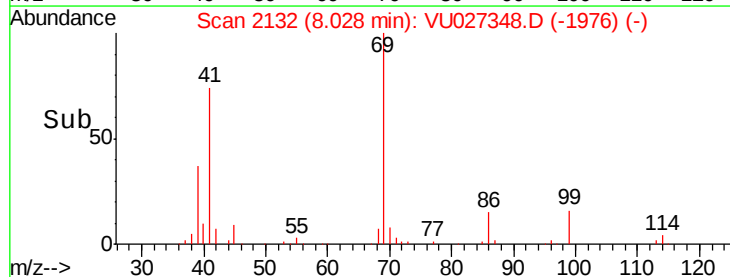
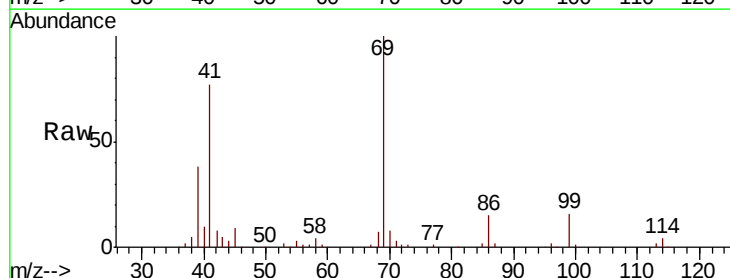
Manual Integrations
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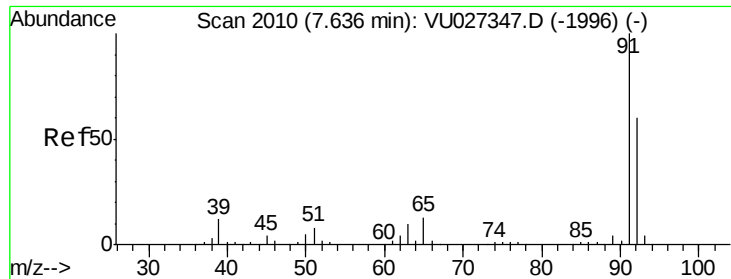
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#48
Ethyl methacrylate
Concen: 19.692 ug/l
RT: 8.03 min Scan# 2132
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	77.8	38.9	116.7		





#49

Toluene

Concen: 17.154 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 92 Resp: 245518

Ion Ratio Lower Upper

92 100

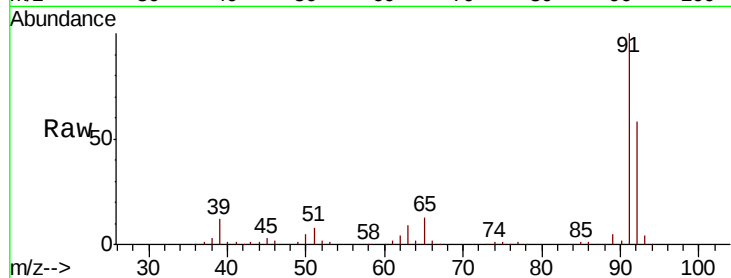
91 172.8 136.4 204.6

Manual Integrations

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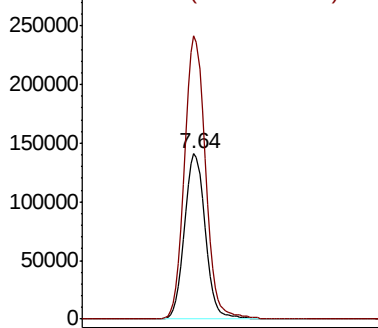
apatel

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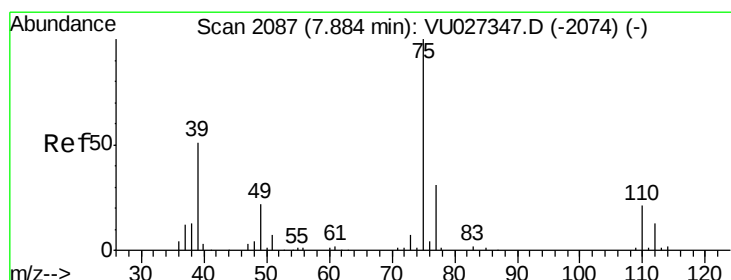
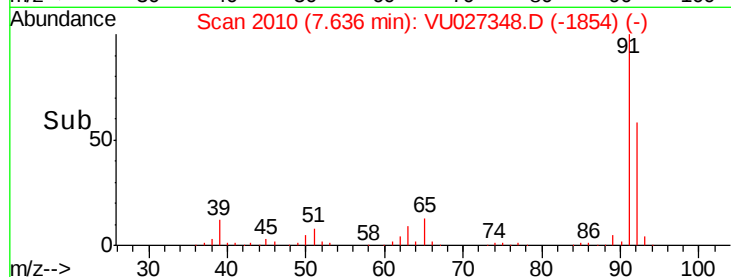


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#50

t-1,3-Dichloropropene

Concen: 22.448 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027348.D

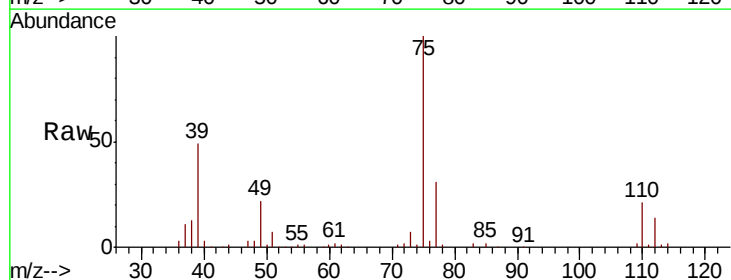
Acq: 02 Oct 2018 17:25

Tgt Ion: 75 Resp: 137685

Ion Ratio Lower Upper

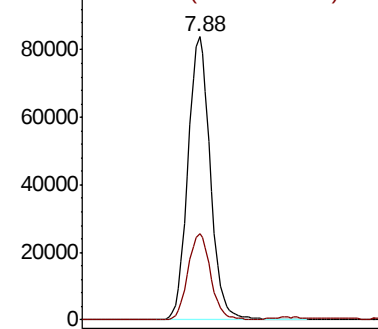
75 100

77 30.5 24.6 36.8

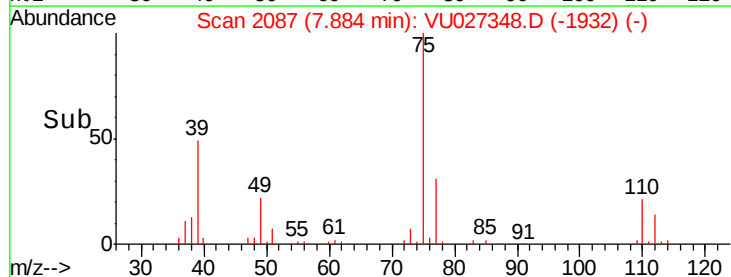


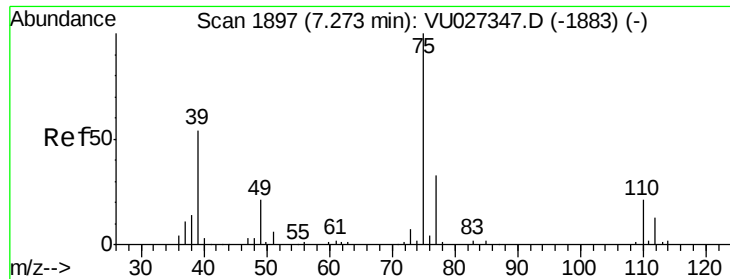
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->





#51

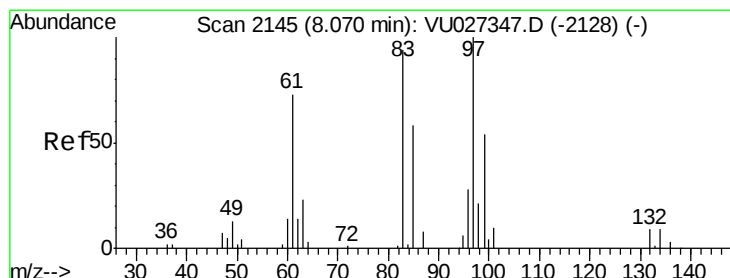
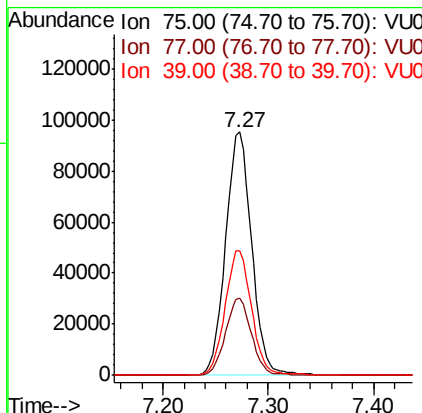
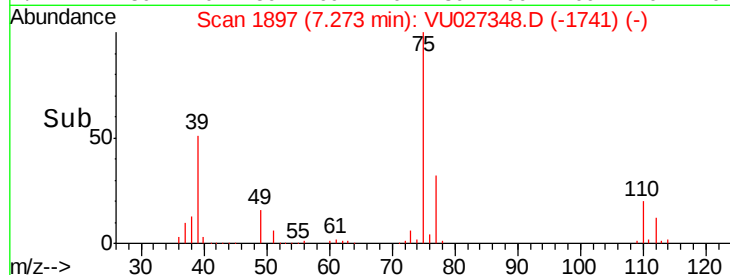
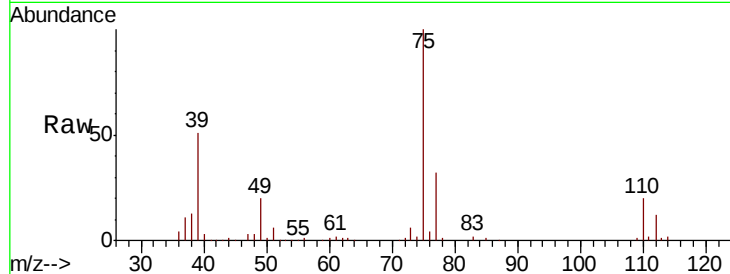
cis-1,3-Dichloropropene
Concen: 21.071 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion:	75	Resp:	163324
Ion Ratio	Lower	Upper	
75	100		
77	31.5	26.1	39.1
39	51.2	43.1	64.7

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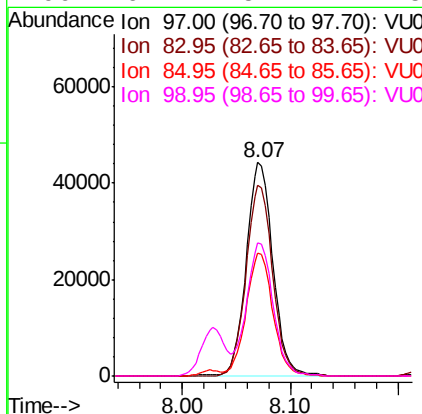
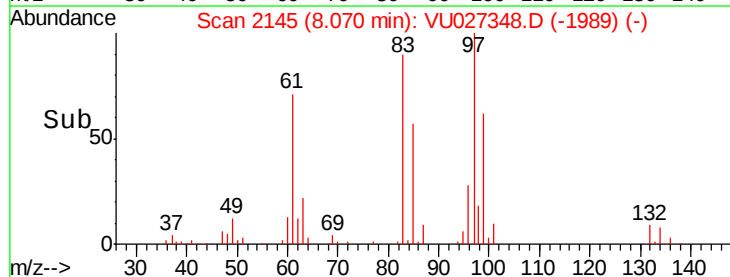
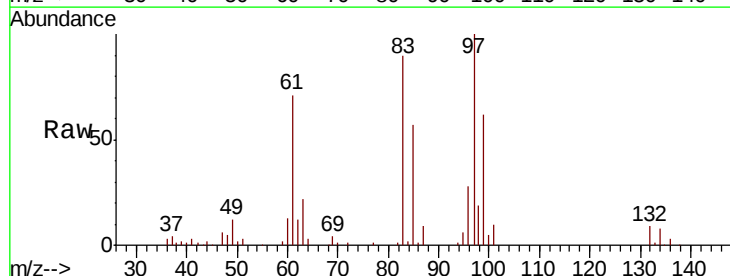
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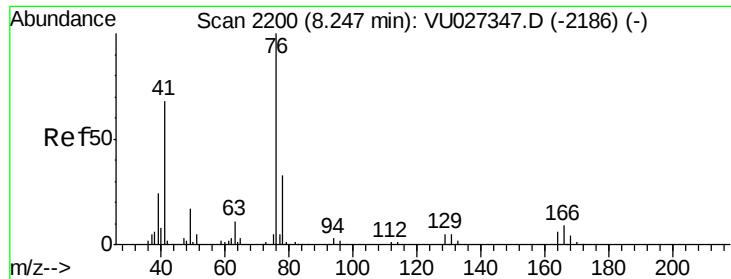


#52

1,1,2-Trichloroethane
Concen: 17.583 ug/l
RT: 8.07 min Scan# 2145
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion:	97	Resp:	75962
Ion Ratio	Lower	Upper	
97	100		
83	89.6	75.3	112.9
85	57.4	47.3	70.9
99	62.2	51.7	77.5





#53

1,3-Dichloropropane

Concen: 18.547 ug/l

RT: 8.25 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion: 76 Resp: 142585

Ion Ratio Lower Upper

76 100

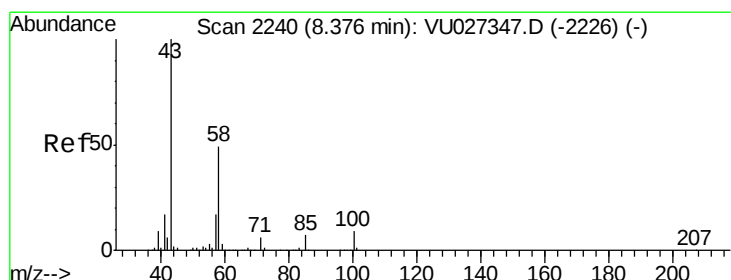
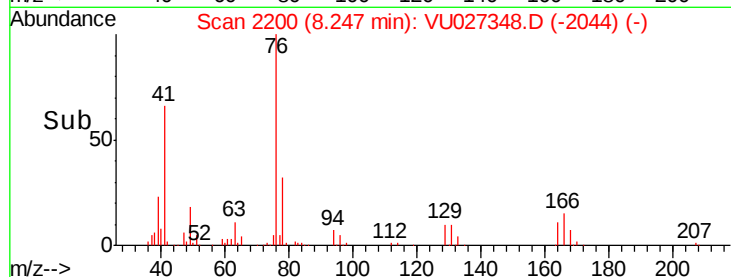
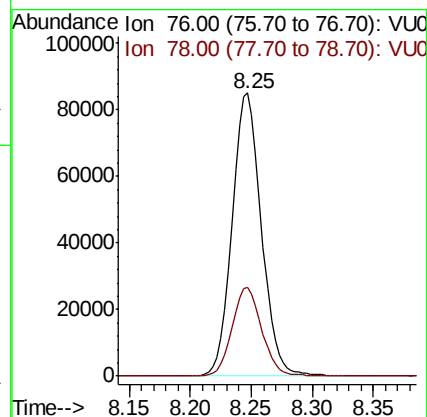
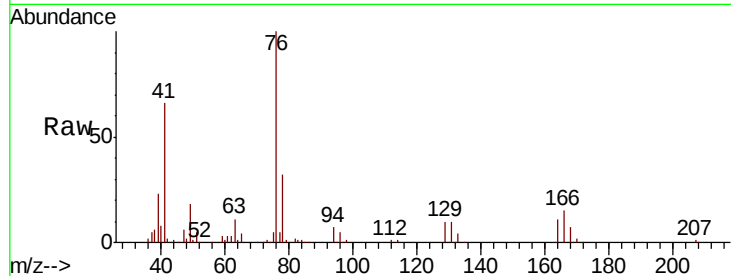
78 31.8 25.7 38.5

Manual Integrations

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#54

2-Hexanone

Concen: 105.718 ug/l

RT: 8.38 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

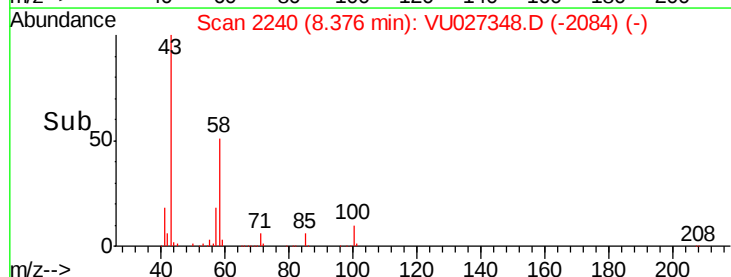
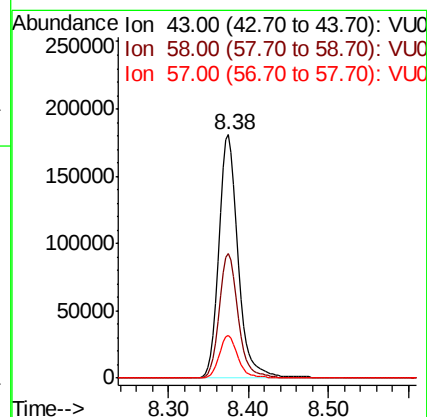
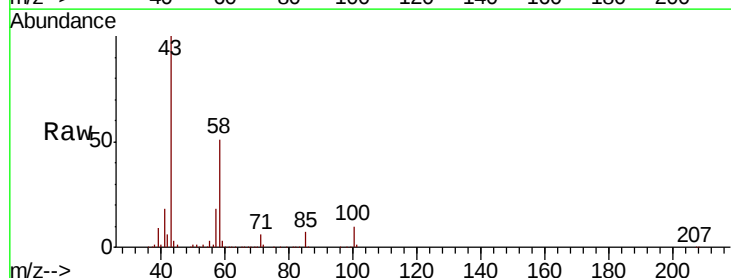
Tgt Ion: 43 Resp: 304411

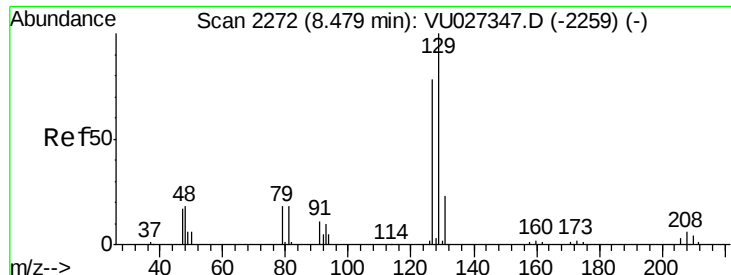
Ion Ratio Lower Upper

43 100

58 50.4 29.5 69.5

57 17.1 0.0 37.0





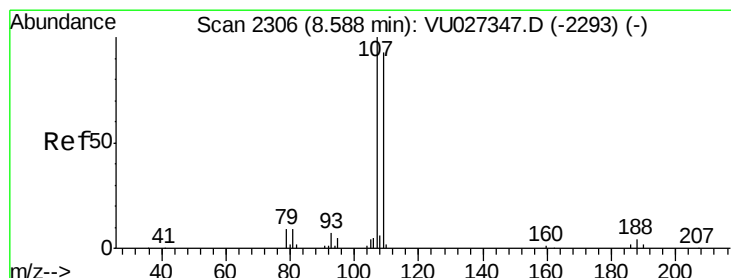
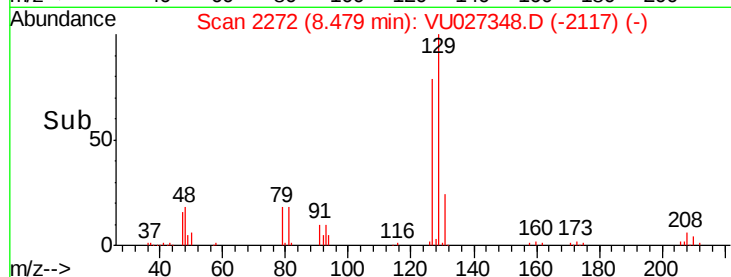
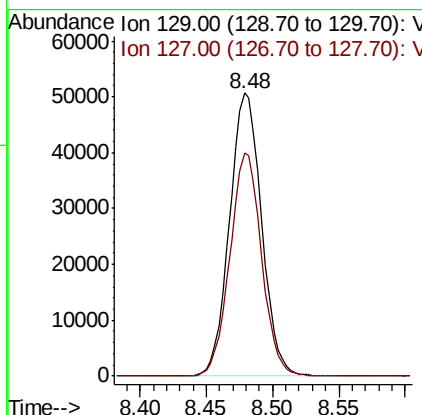
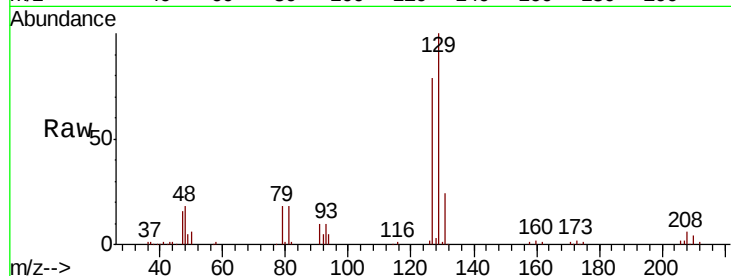
#55
 Dibromochloromethane
 Concen: 20.165 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		85193		
127	77.5	61.8	92.8		

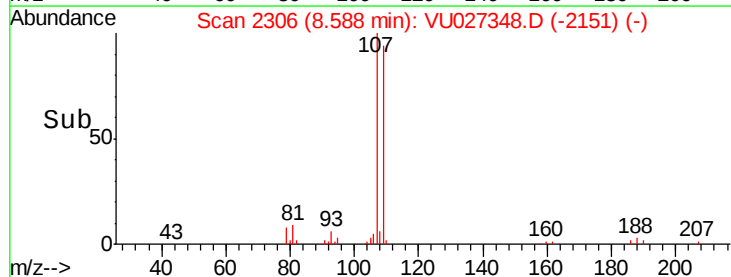
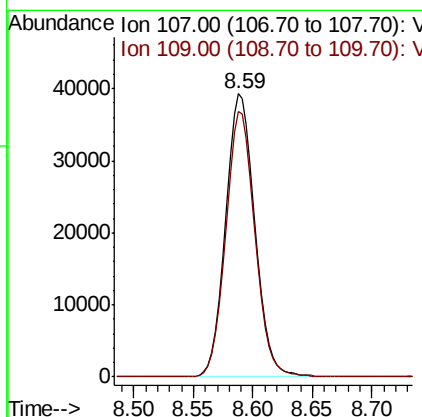
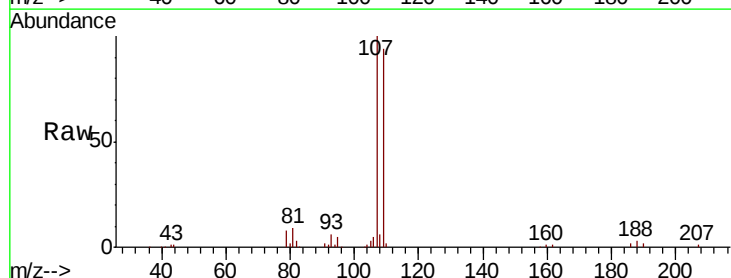
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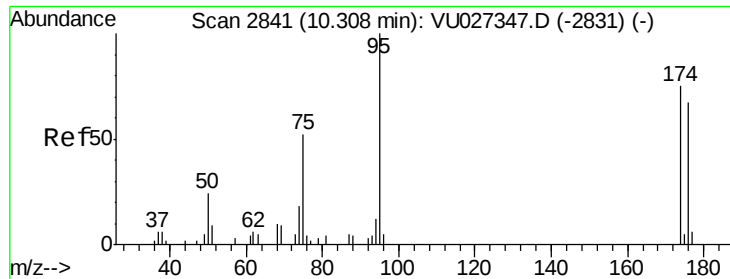
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#56
 1,2-Dibromoethane
 Concen: 17.303 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		66829		
109	93.5	0.0	191.2		





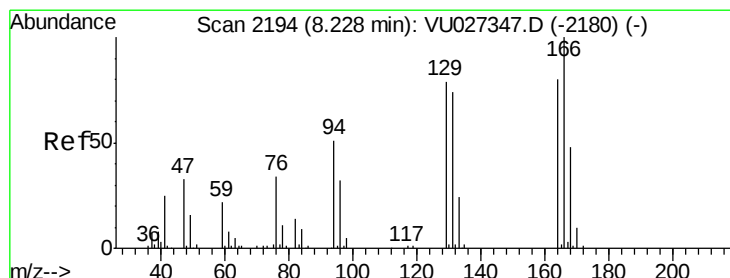
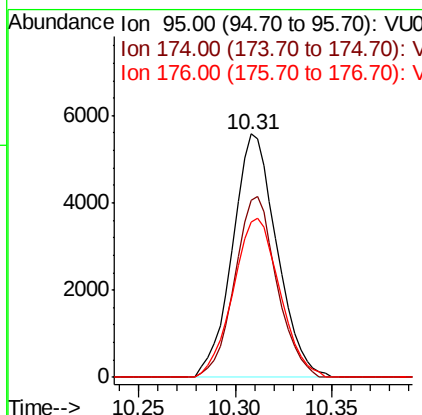
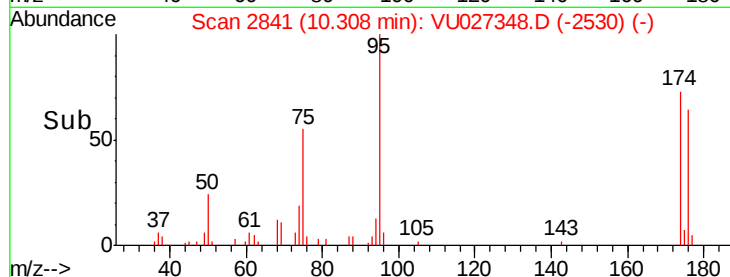
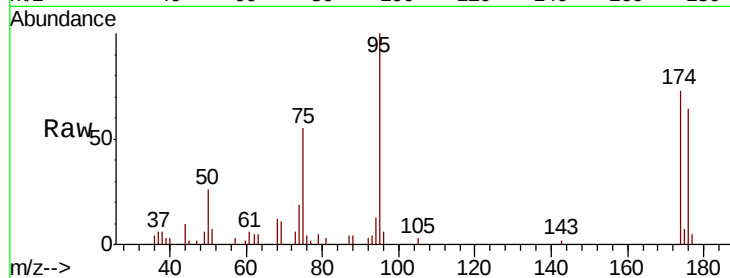
#57
4-Bromofluorobenzene
Concen: 17.303 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.5	61.0	91.6
176	68.6	57.2	85.8

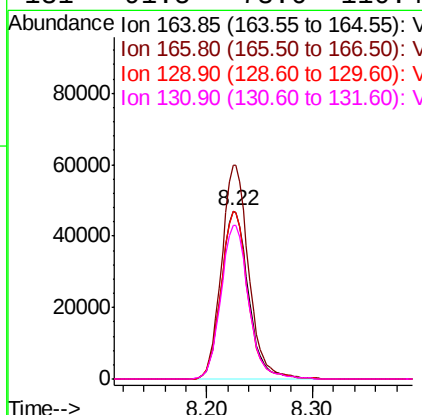
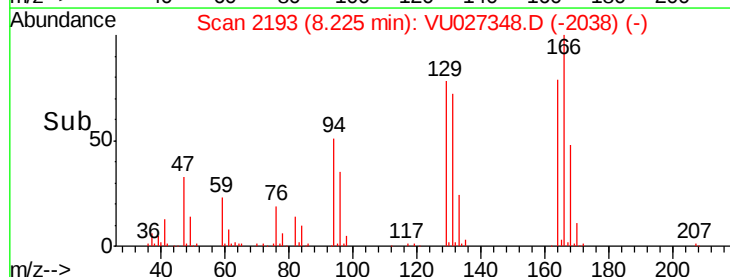
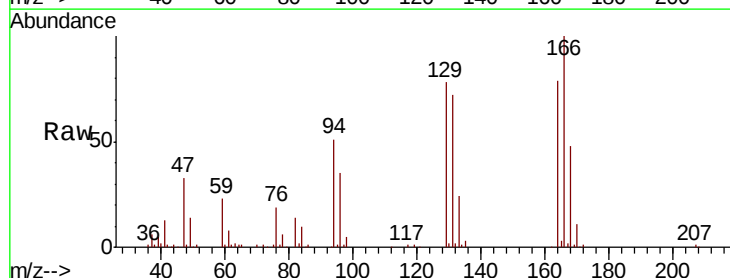
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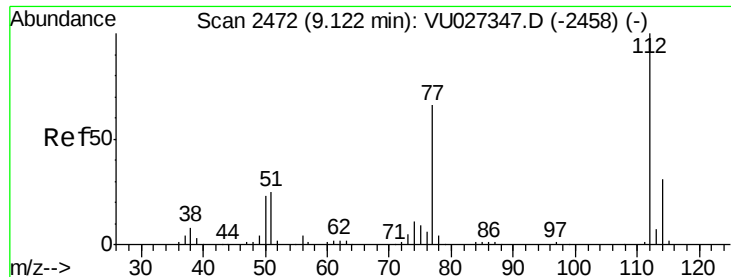
apatel
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#58
Tetrachloroethene
Concen: 12.384 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.9	149.9
129	99.6	78.6	117.8
131	91.5	73.6	110.4





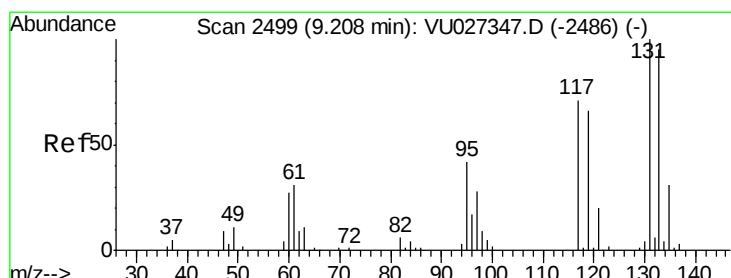
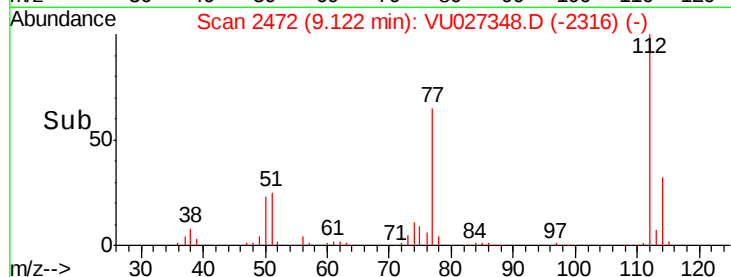
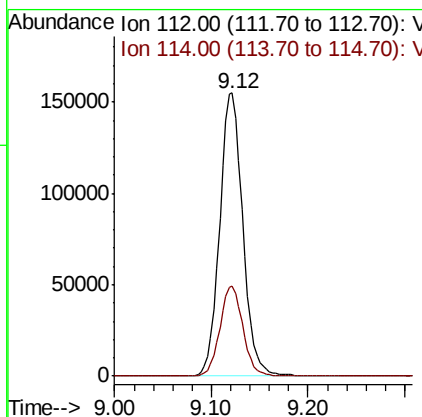
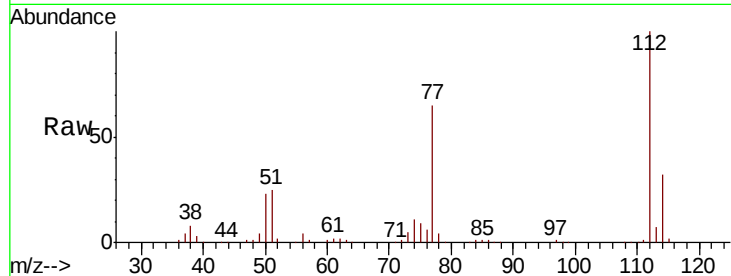
#59
Chlorobenzene
Concen: 16.806 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.0	37.4

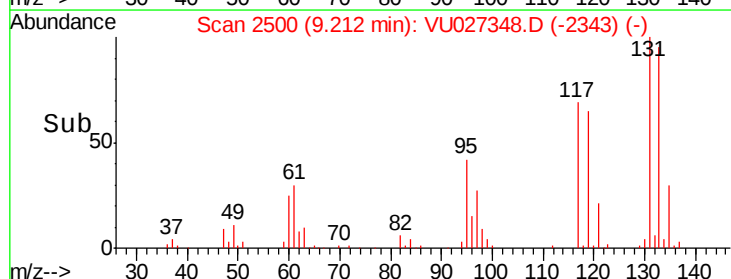
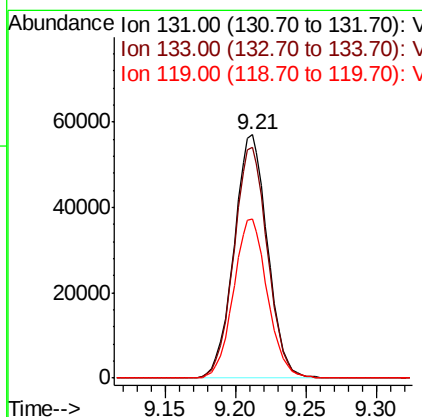
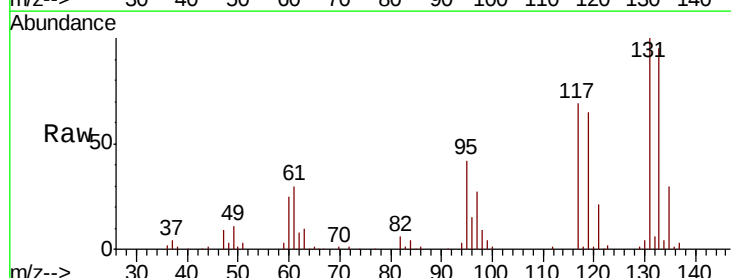
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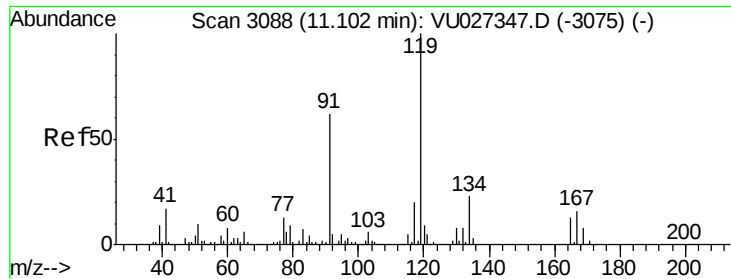
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 18.369 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	77.1	115.7
119	66.0	53.6	80.4





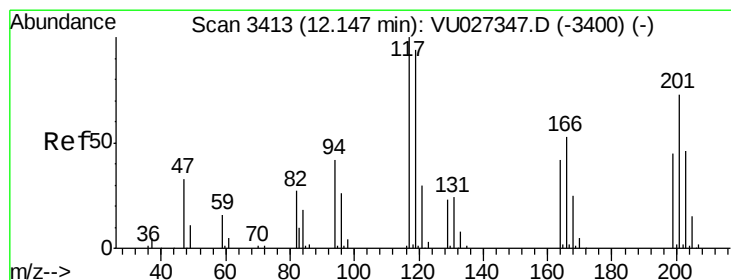
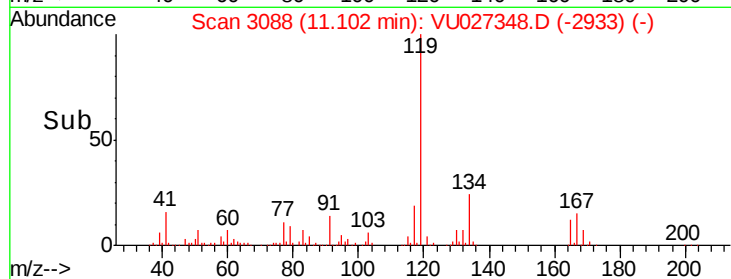
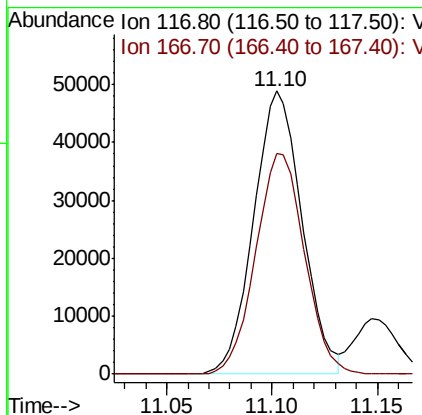
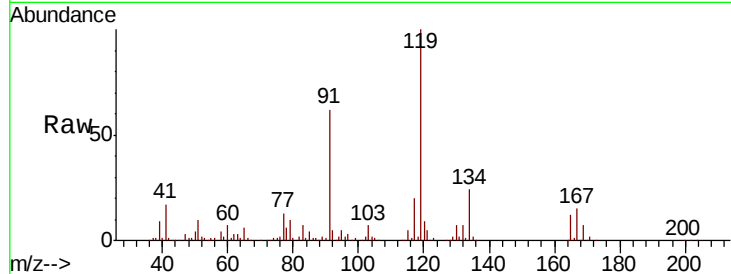
#61
 Pentachloroethane
 Concen: 22.757 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion:117 Resp: 78023
 Ion Ratio Lower Upper
 117 100
 167 78.6 62.6 93.8

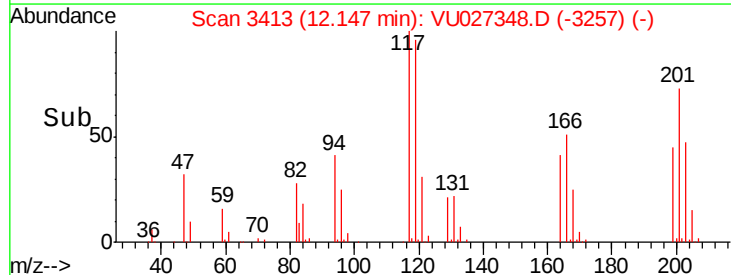
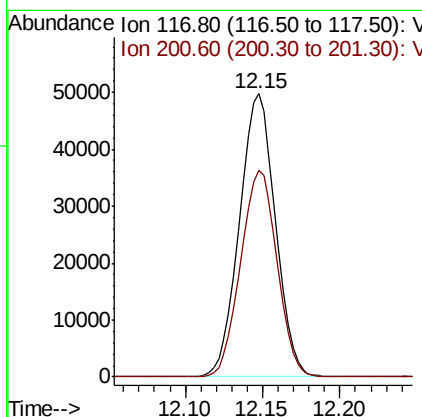
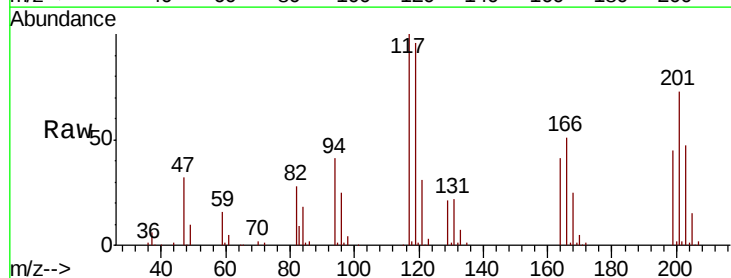
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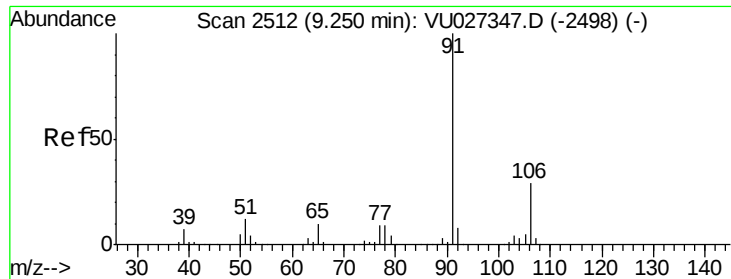
apatel
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#62
 Hexachloroethane
 Concen: 23.063 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion:117 Resp: 80488
 Ion Ratio Lower Upper
 117 100
 201 73.8 59.3 88.9





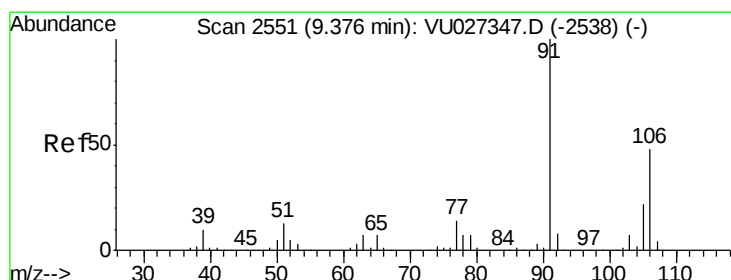
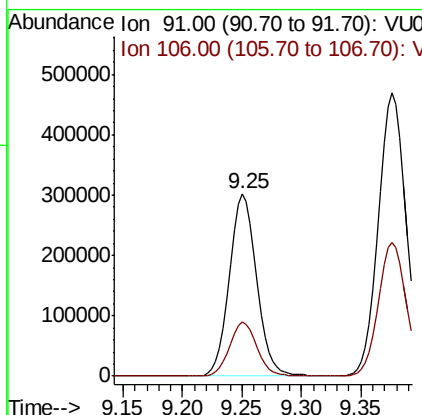
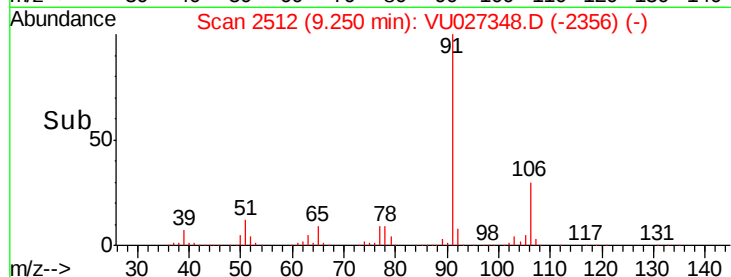
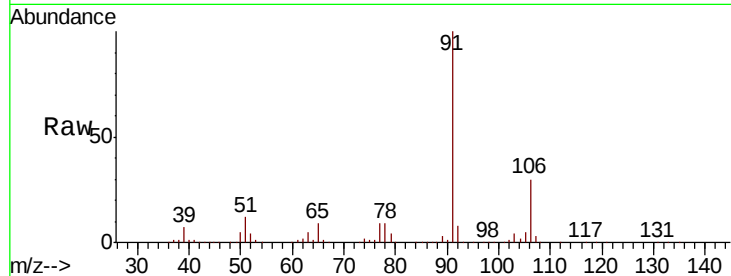
#63
Ethyl Benzene
Concen: 17.991 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampled :
VSTDIC015

Tot Ion: 91 Resp: 480852
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4

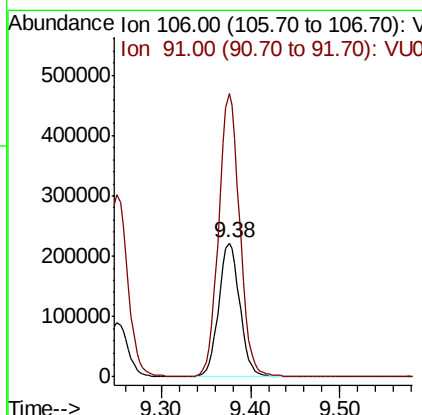
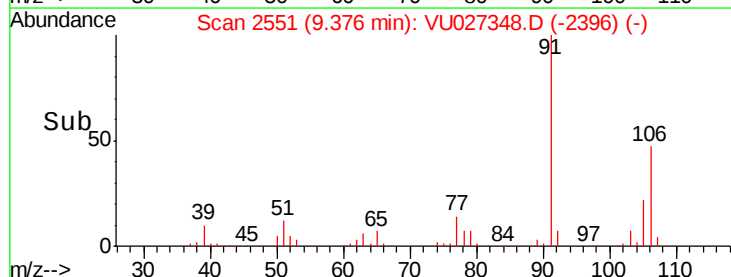
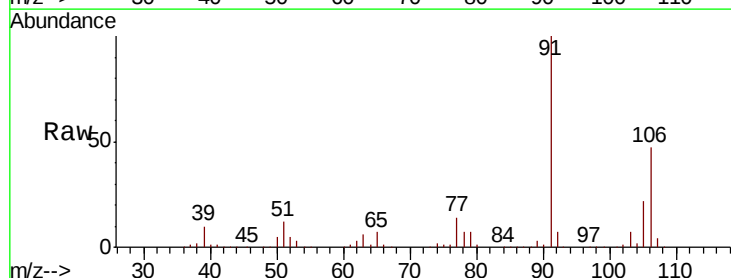
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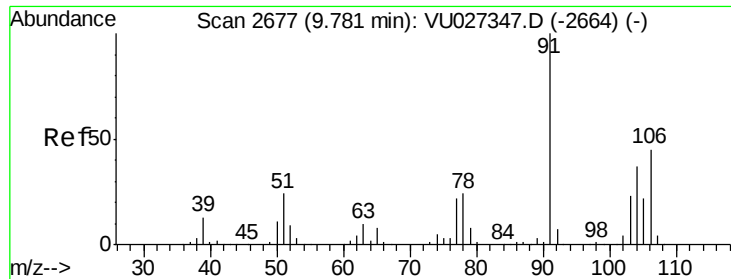
apatel
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#64
m/p-Xylenes
Concen: 35.687 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion: 106 Resp: 362528
Ion Ratio Lower Upper
106 100
91 211.3 169.8 254.8





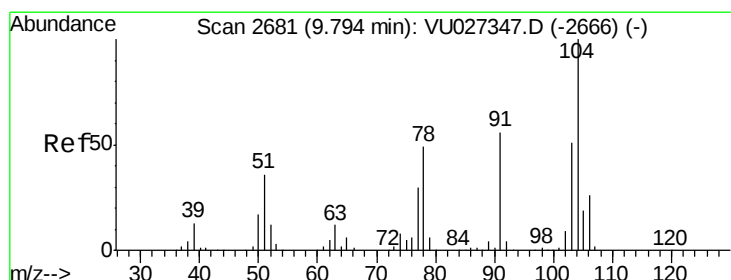
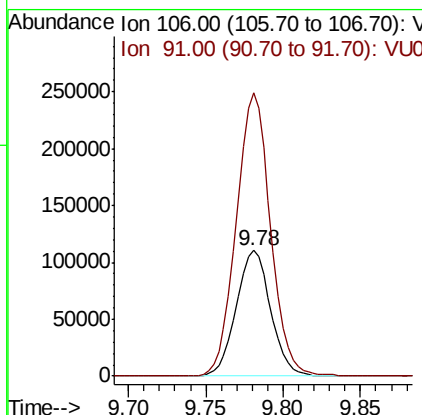
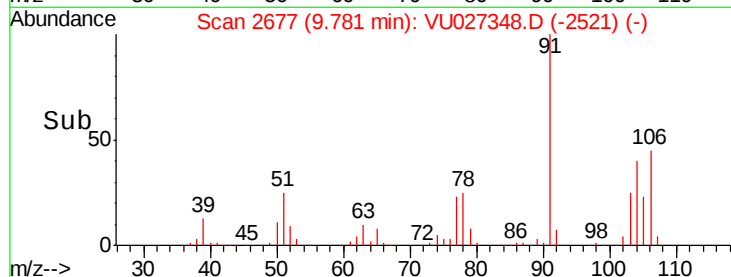
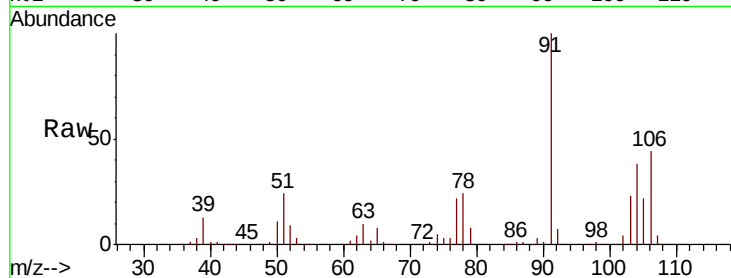
#65
o-Xylene
Concen: 17.401 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampled :
VSTDIC015

Tot Ion:106 Resp: 170781
Ion Ratio Lower Upper
106 100
91 224.6 111.1 333.2

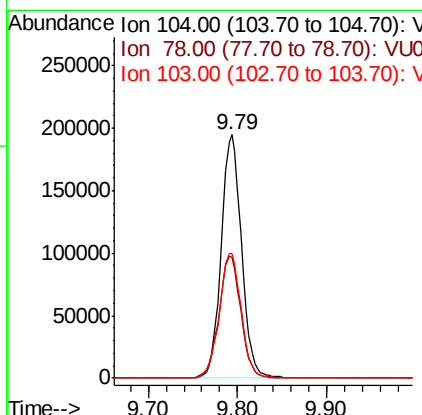
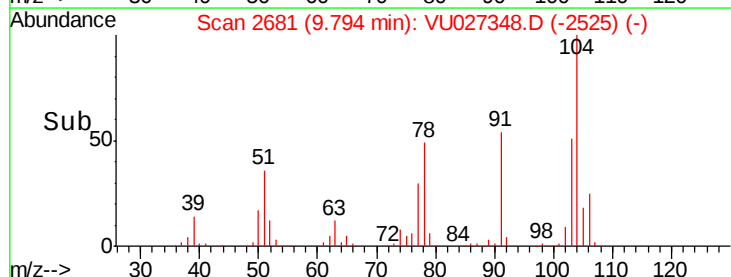
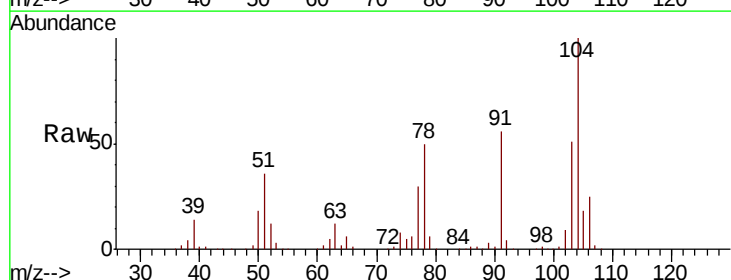
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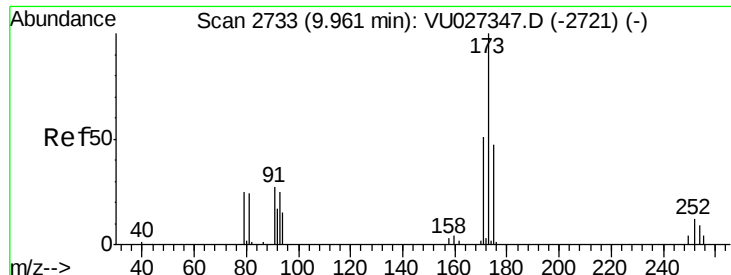
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#66
Styrene
Concen: 18.789 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion:104 Resp: 307563
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 55.0 43.8 65.8





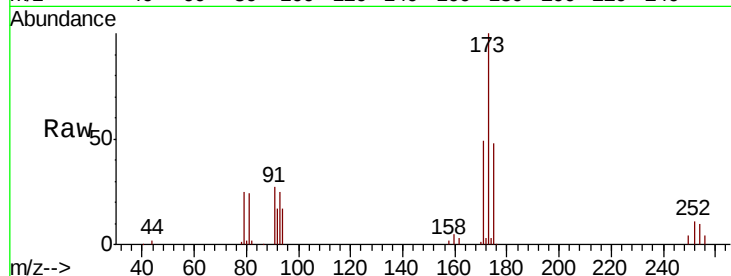
#67
Bromoform
Concen: 19.535 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

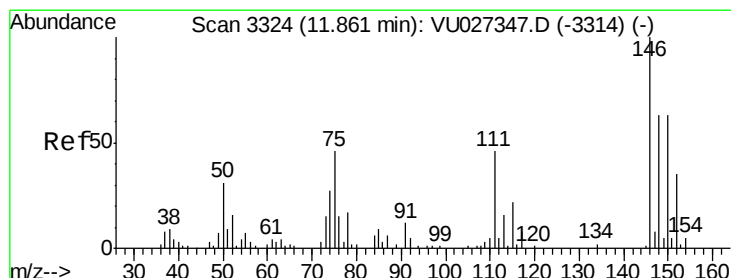
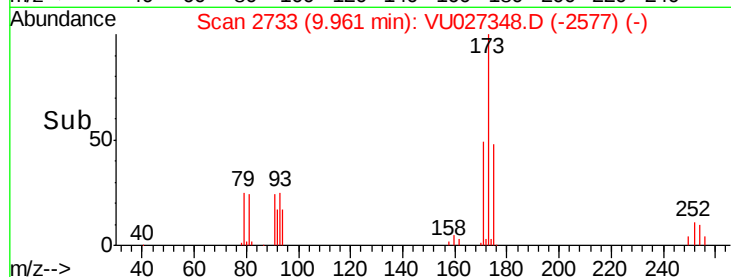
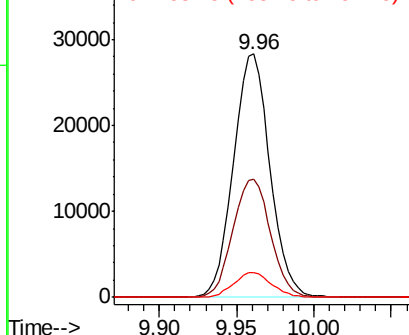
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.2	57.4
254	10.4	7.7	11.5

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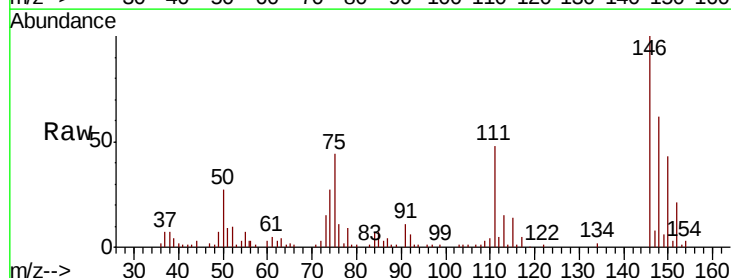


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

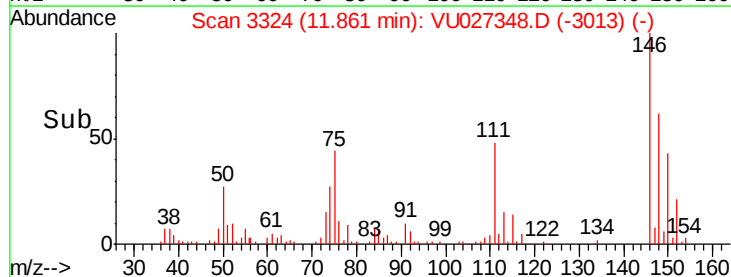
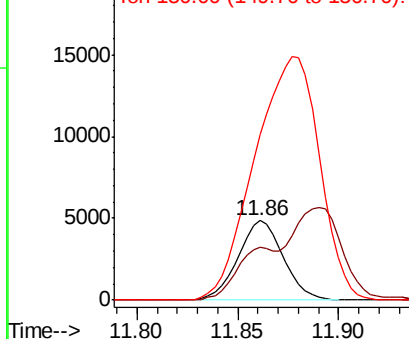


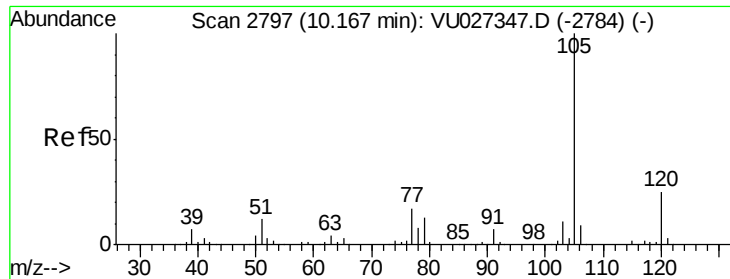
#68
1,2-Dichlorobenzene-d4
Concen: 19.535 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	0.0	131.6
150	0.0	0.0	0.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 18.060 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion:105 Resp: 464970

Ion Ratio Lower Upper

105 100

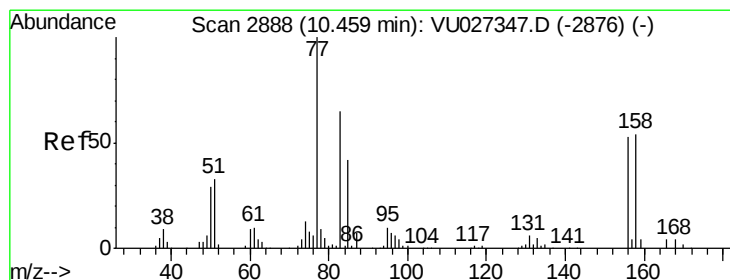
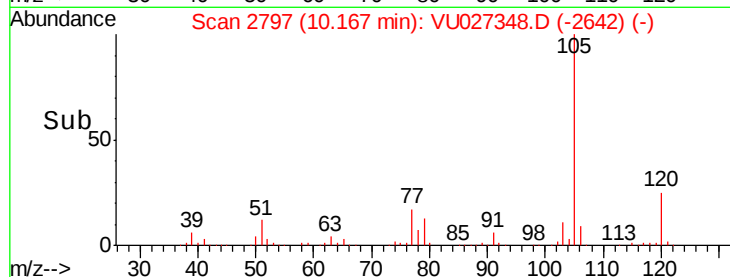
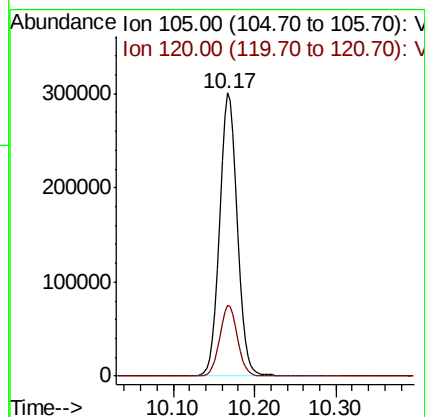
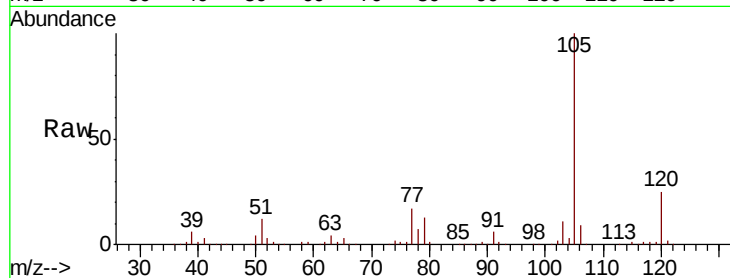
120 25.2 12.7 38.1

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#70

1,1,2,2-Tetrachloroethane

Concen: 19.571 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

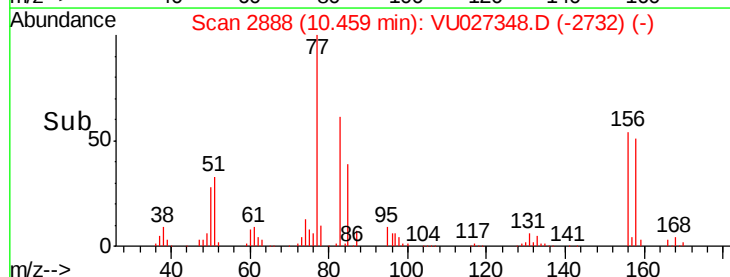
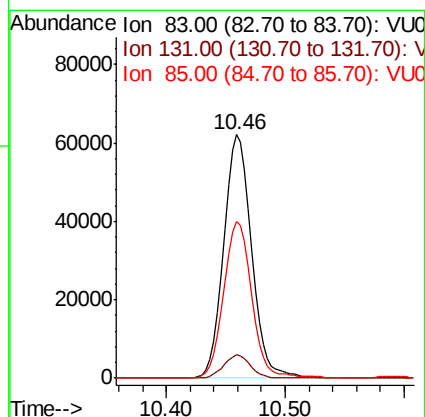
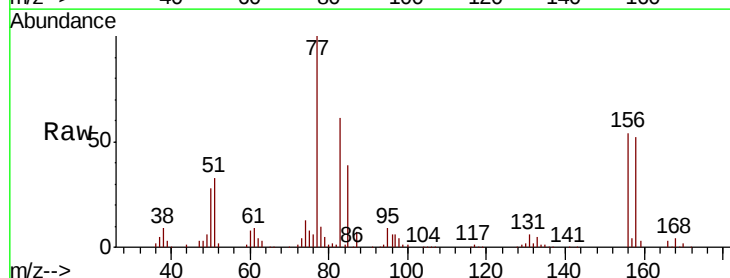
Tgt Ion: 83 Resp: 100862

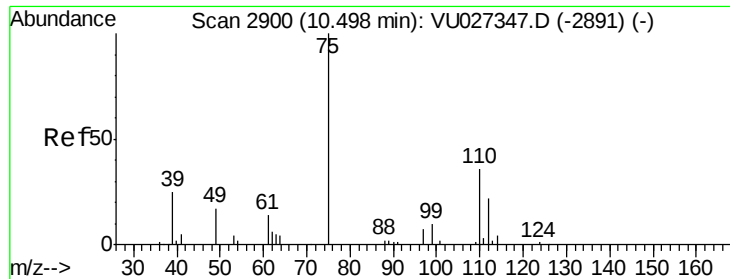
Ion Ratio Lower Upper

83 100

131 9.0 7.0 10.6

85 64.9 51.4 77.0





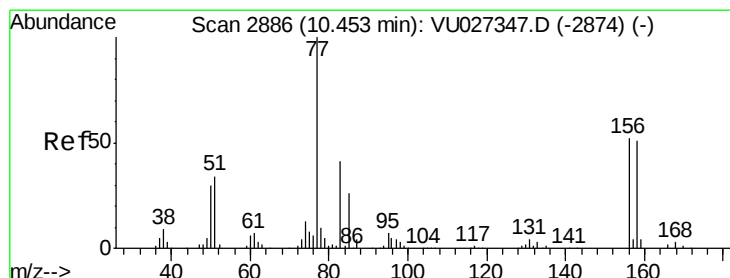
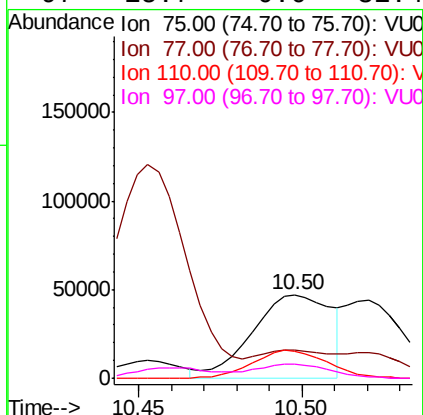
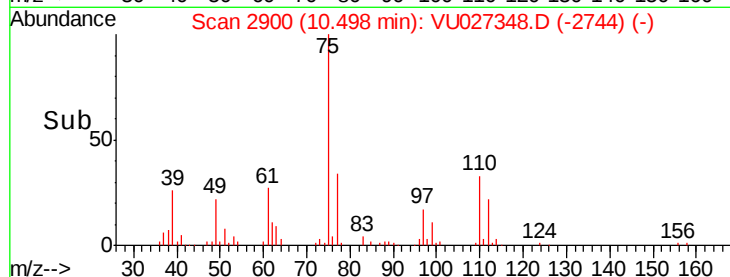
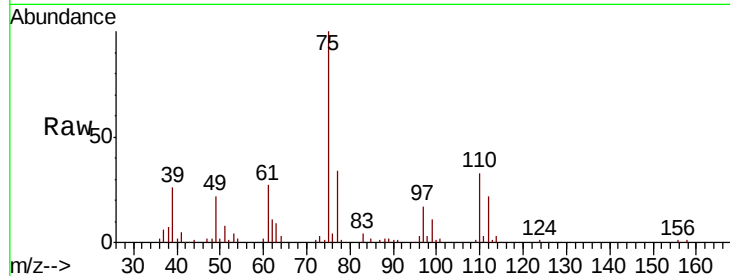
#71
1,2,3-Trichloropropane
Concen: 18.898 ug/l m
RT: 10.50 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.6
110	31.4	0.0	65.4
97	15.7	0.0	31.4

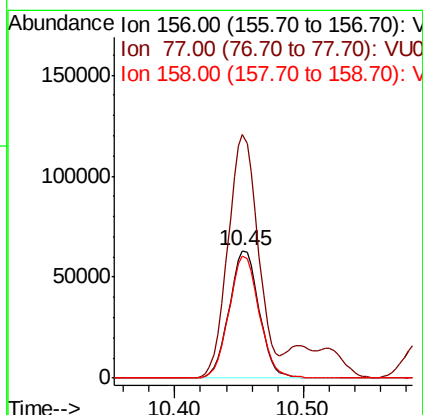
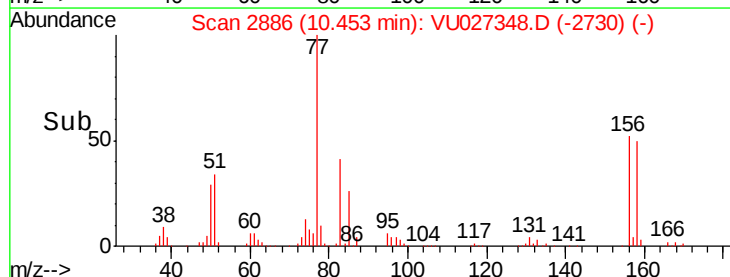
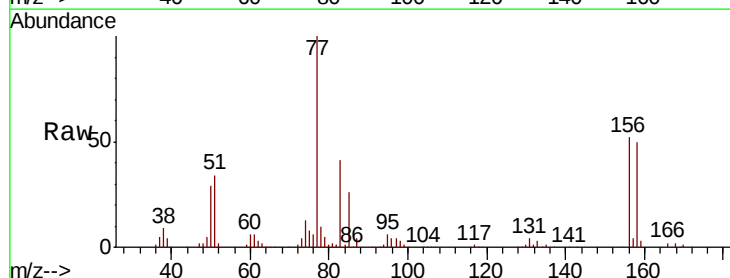
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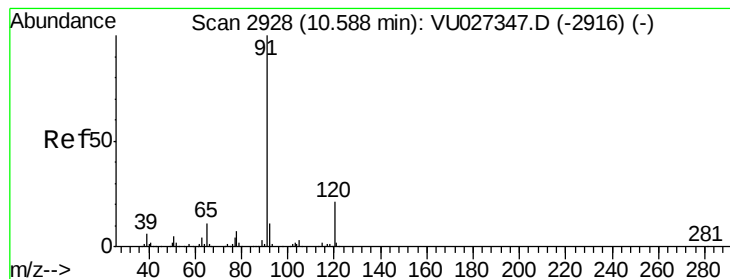
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#72
Bromobenzene
Concen: 15.815 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU027348.D
Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
156	100		
77	193.0	0.0	387.6
158	96.7	0.0	196.2





#73

n-propylbenzene

Concen: 18.128 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion:120 Resp: 128674

Ion Ratio Lower Upper

120 100

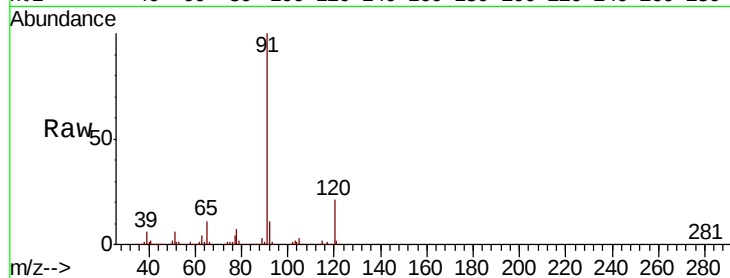
91 474.3 381.4 572.0

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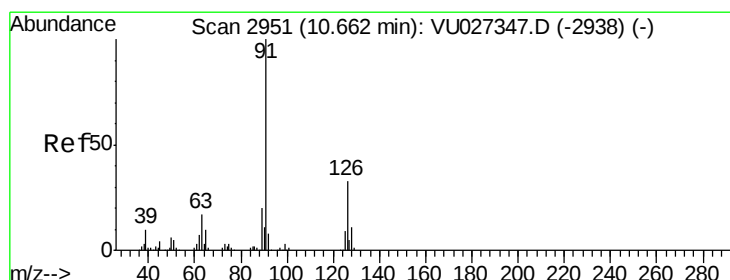
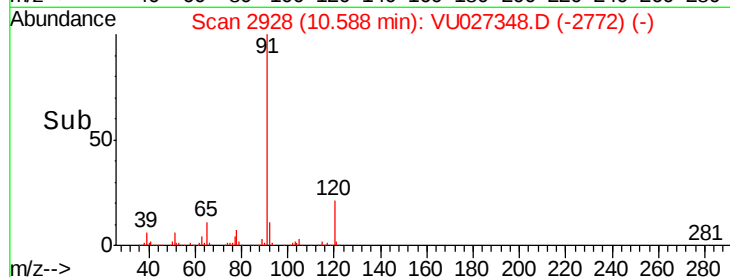
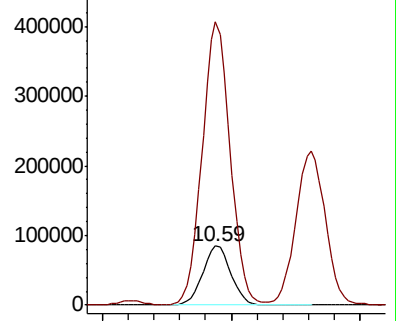
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 17.254 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027348.D

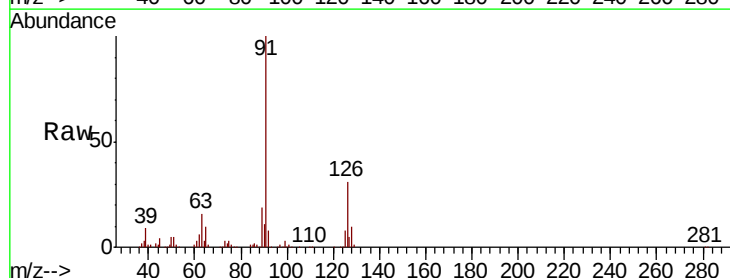
Acq: 02 Oct 2018 17:25

Tgt Ion:126 Resp: 108960

Ion Ratio Lower Upper

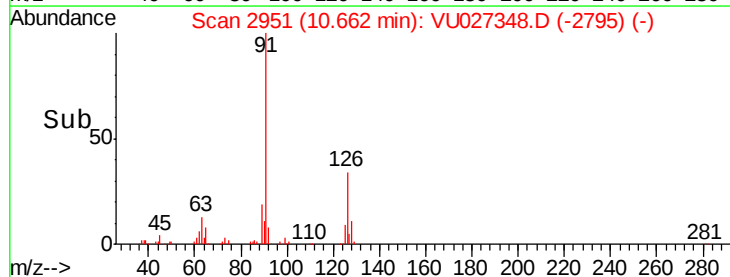
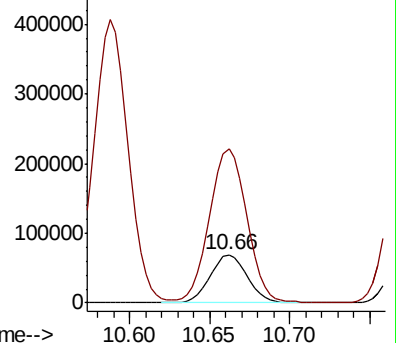
126 100

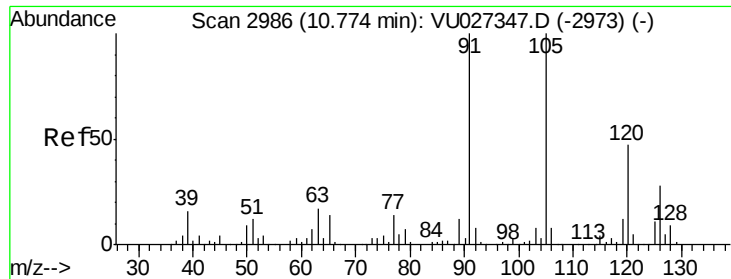
91 324.6 0.0 639.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 18.699 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tot Ion:105 Resp: 409858

Ion Ratio Lower Upper

105 100

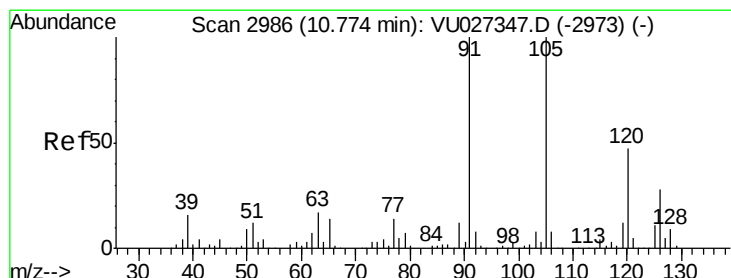
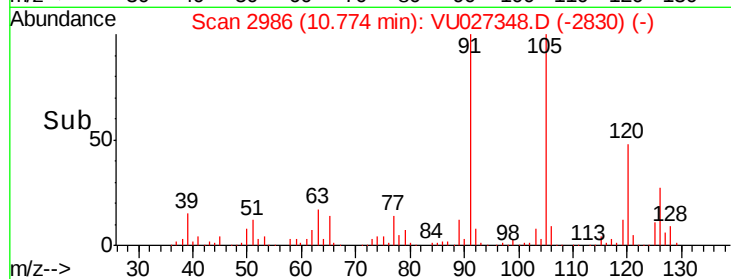
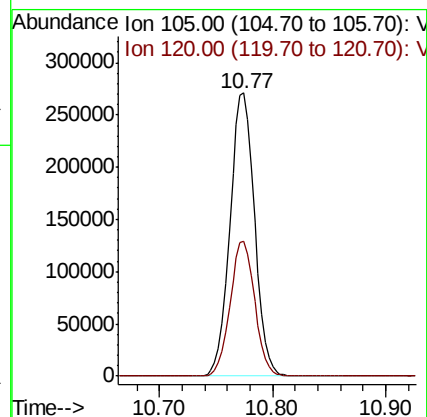
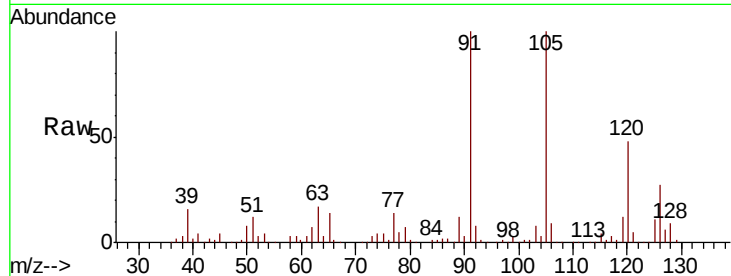
120 47.7 37.8 56.8

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#76

4-Chlorotoluene

Concen: 17.465 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027348.D

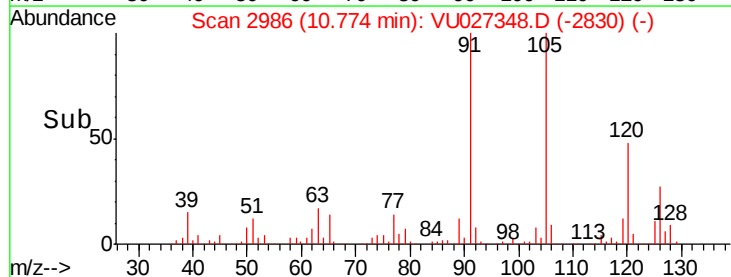
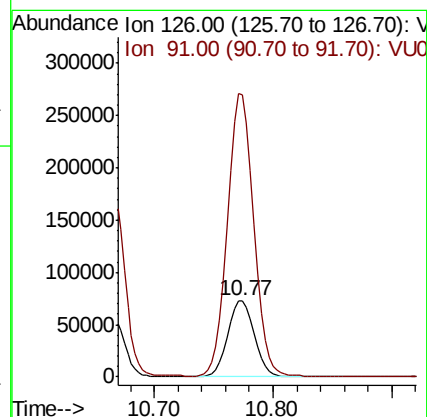
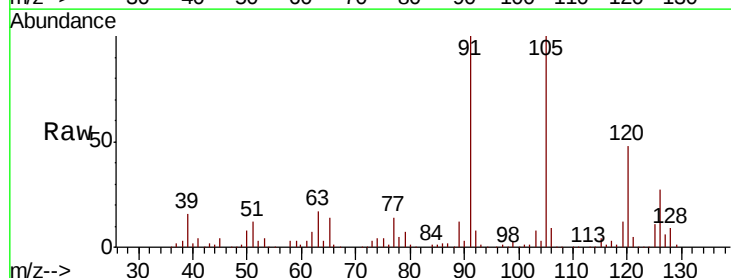
Acq: 02 Oct 2018 17:25

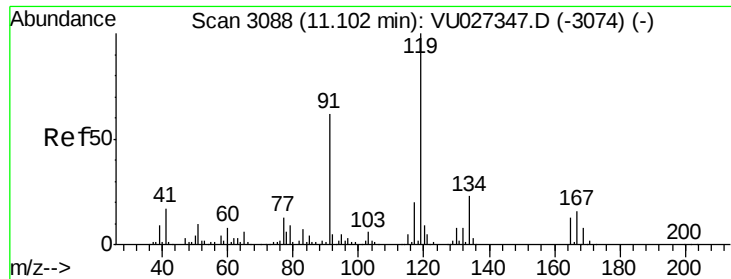
Tgt Ion:126 Resp: 113724

Ion Ratio Lower Upper

126 100

91 365.5 0.0 720.8





#77

tert-Butylbenzene

Concen: 18.571 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

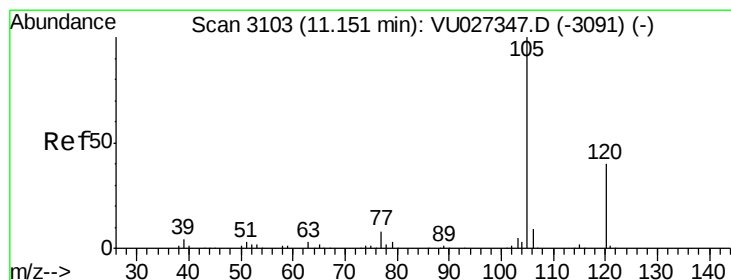
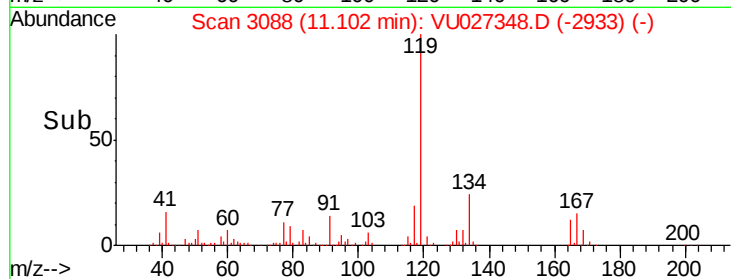
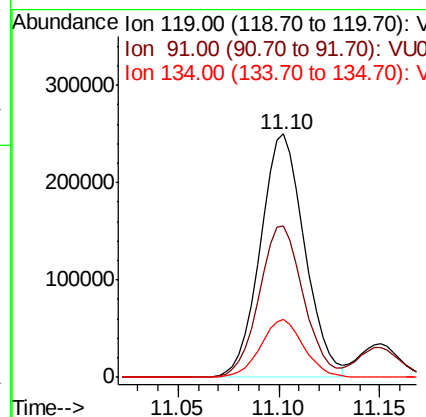
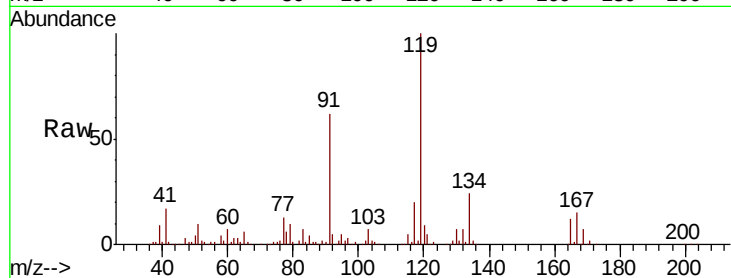
ClientSampleId :

VSTDIC015

Tot Ion:	119	Resp:	383637
Ion Ratio	Lower	Upper	
119	100		
91	62.3	31.4	94.3
134	23.2	18.7	28.1

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#78

1,2,4-Trimethylbenzene

Concen: 18.969 ug/l

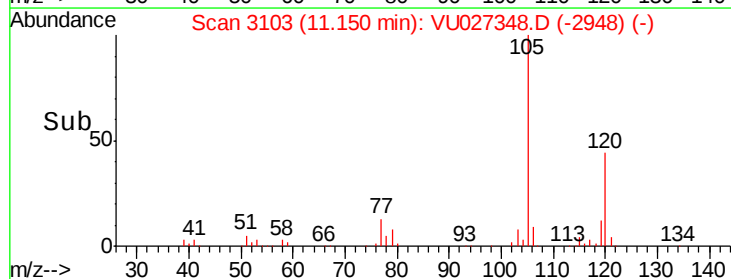
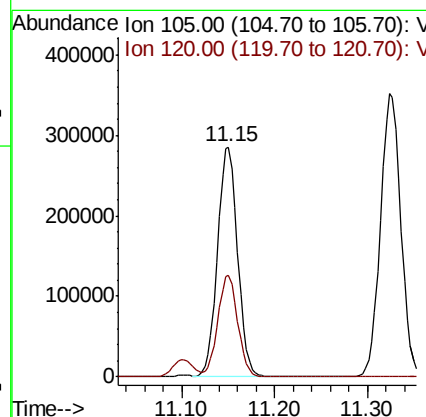
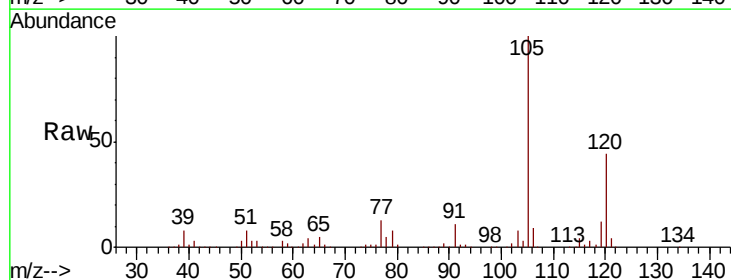
RT: 11.15 min Scan# 3103

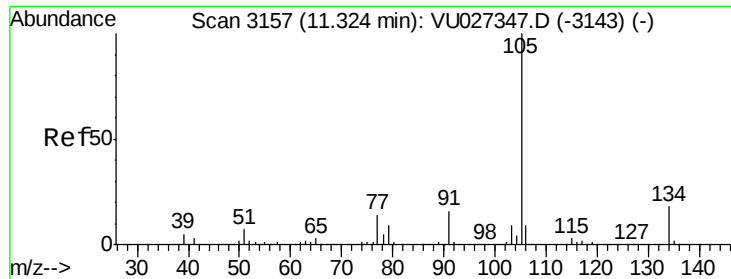
Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Tgt Ion:	105	Resp:	428813
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.9	65.7





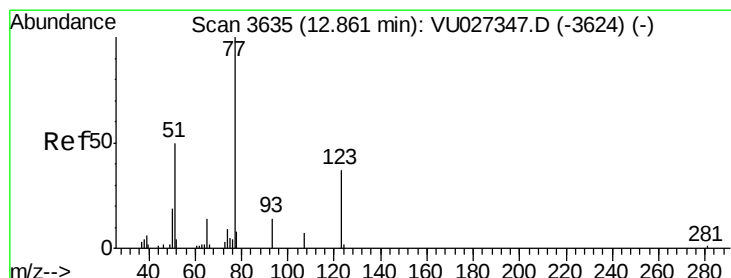
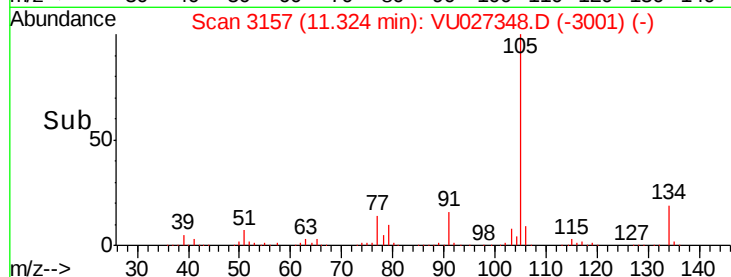
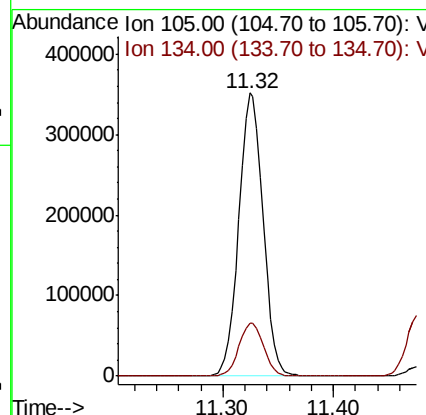
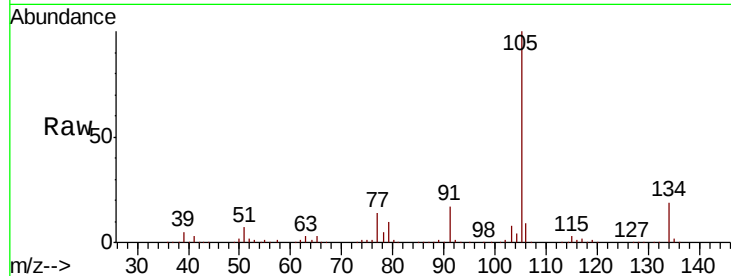
#79
 sec-Butylbenzene
 Concen: 18.443 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	14.8	22.2

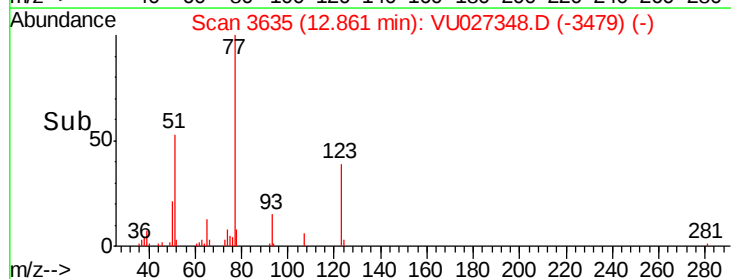
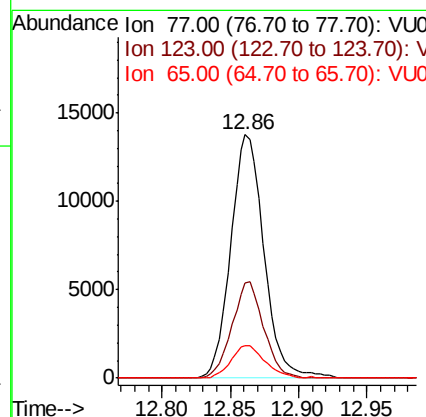
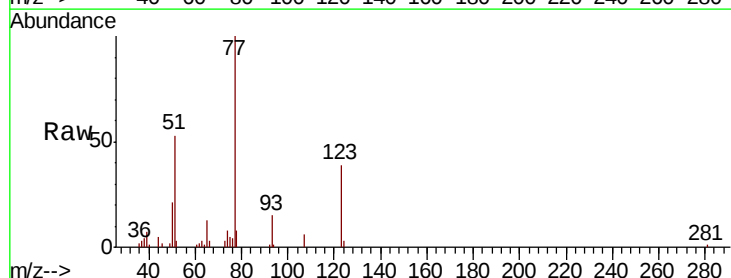
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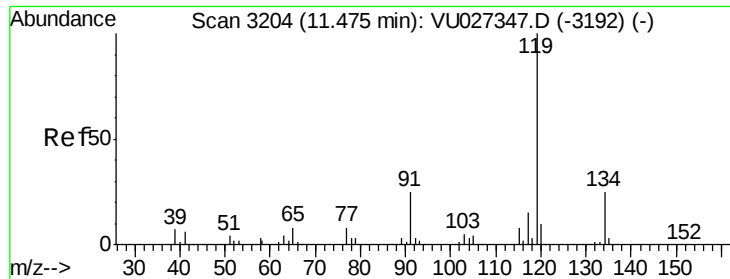
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#80
 Nitrobenzene
 Concen: 141.247 ug/l
 RT: 12.86 min Scan# 3635
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	16.4	58.2
65	13.5	11.7	14.9





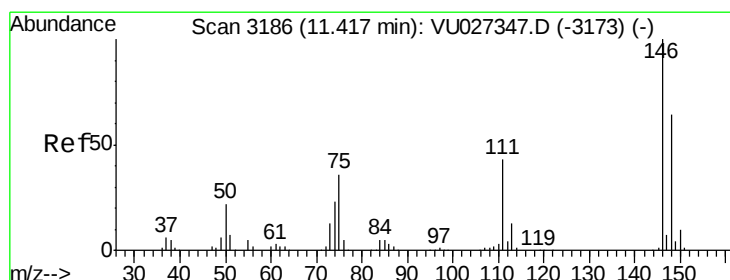
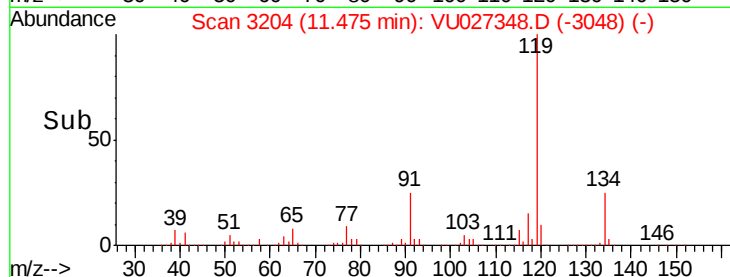
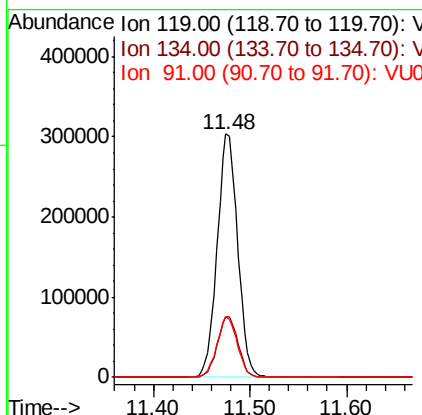
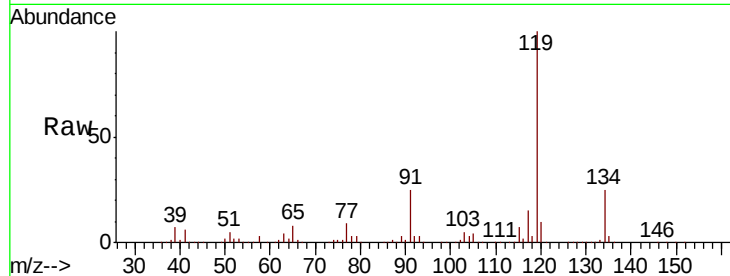
#81
 p-Isopropyltoluene
 Concen: 18.662 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.2	30.2
91	24.5	19.6	29.4

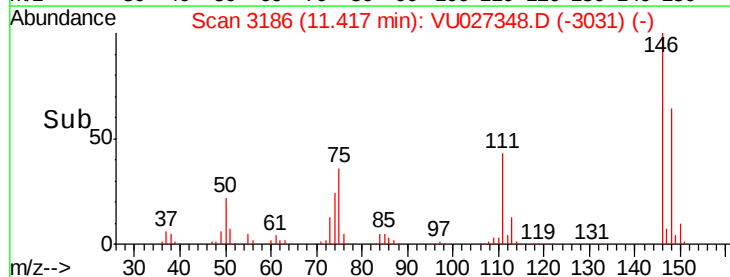
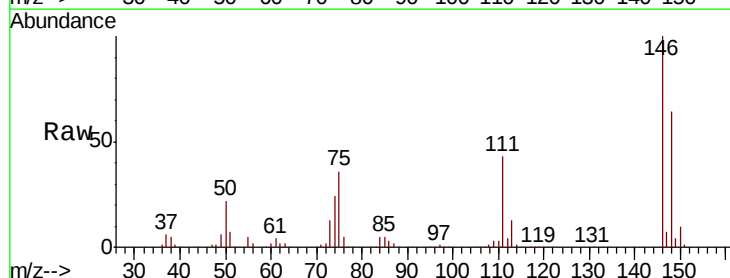
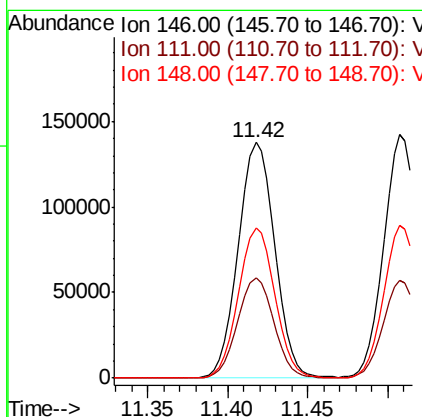
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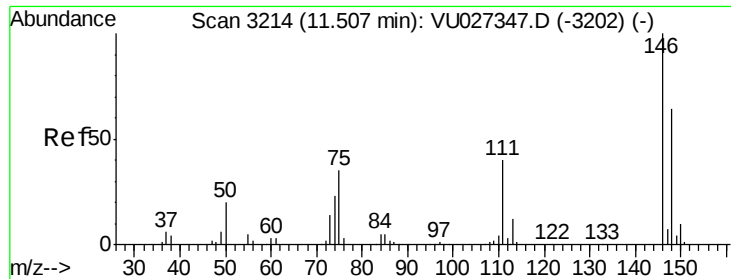
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#82
 1,3-Dichlorobenzene
 Concen: 16.726 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	34.3	51.5
148	63.6	51.2	76.8





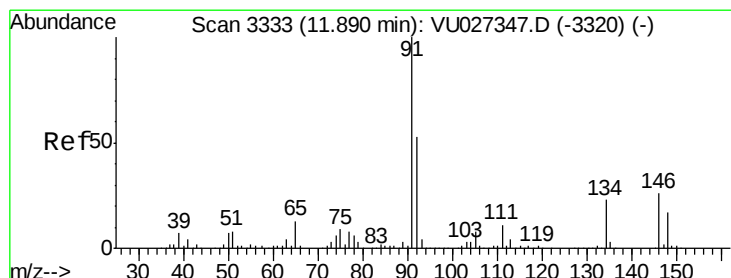
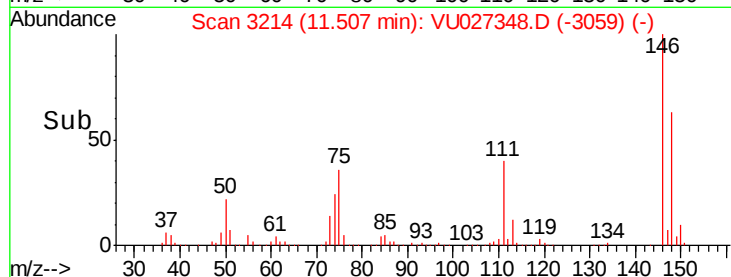
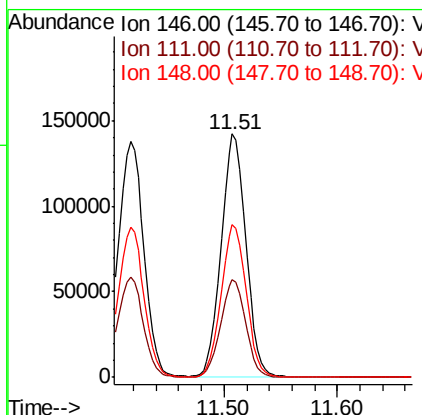
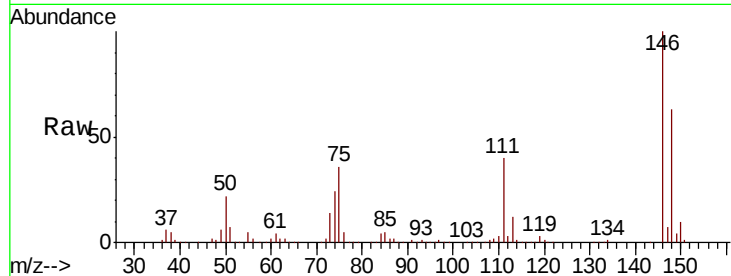
#83
 1,4-Dichlorobenzene
 Concen: 16.876 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	32.6	49.0
148	63.3	51.4	77.2

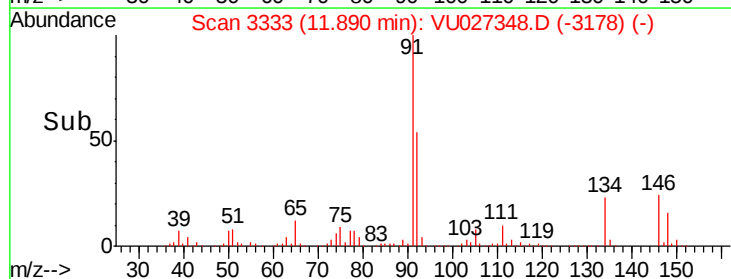
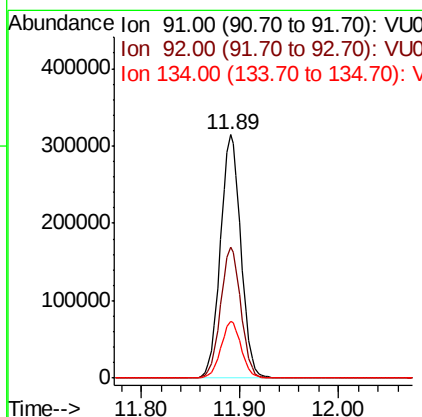
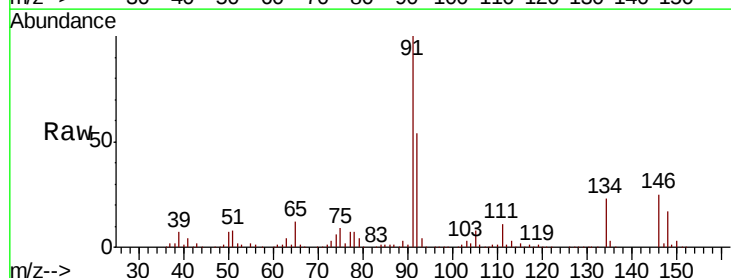
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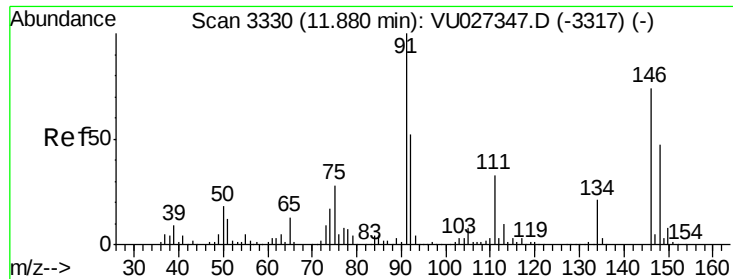
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#84
 n-Butylbenzene
 Concen: 19.856 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	42.2	63.2
134	23.0	18.2	27.4





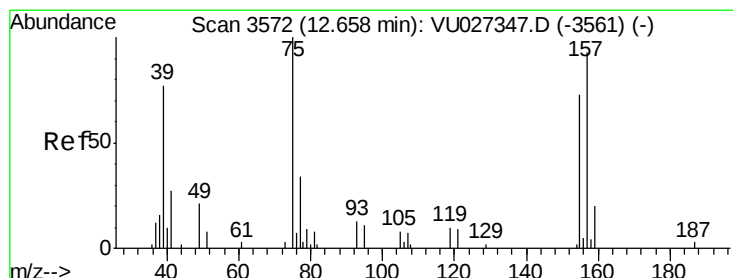
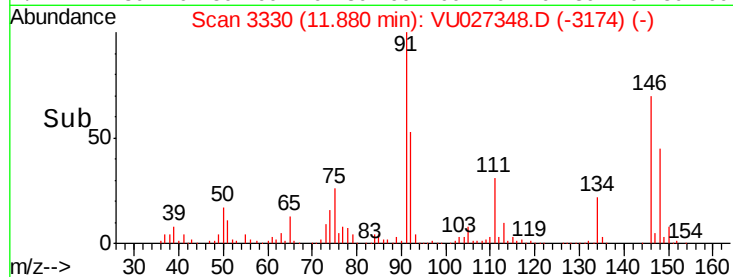
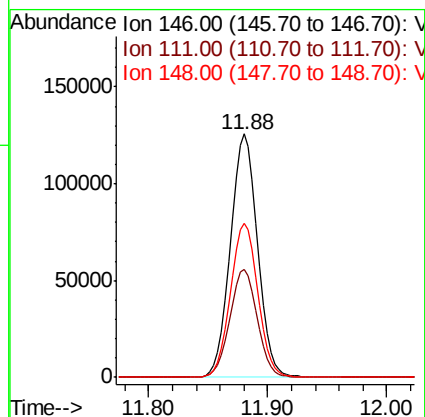
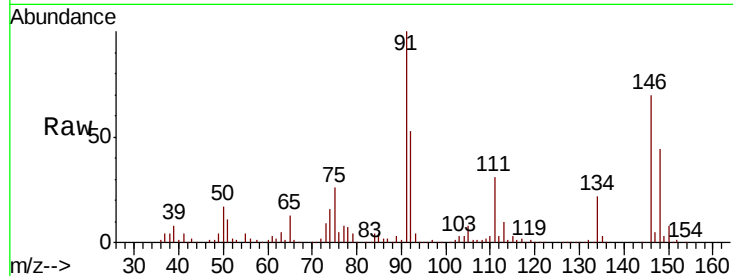
#85
 1,2-Dichlorobenzene
 Concen: 16.589 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.3
148	64.0	32.0	96.0

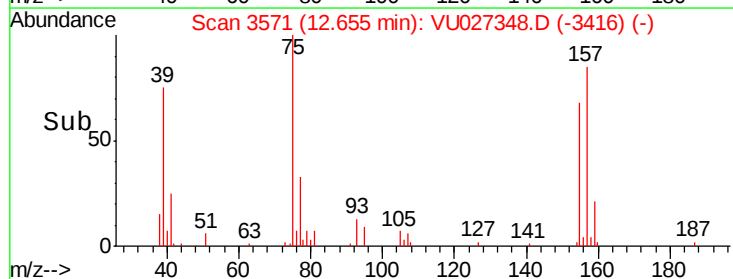
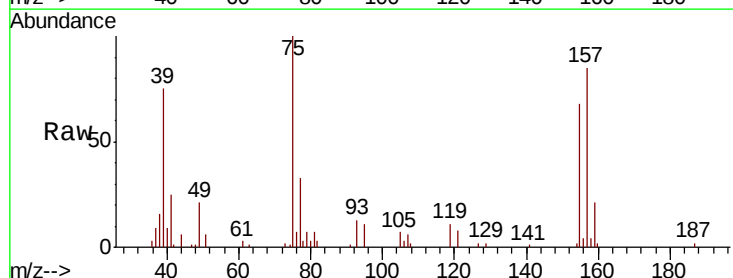
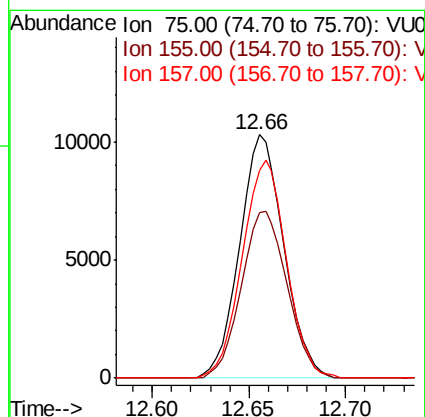
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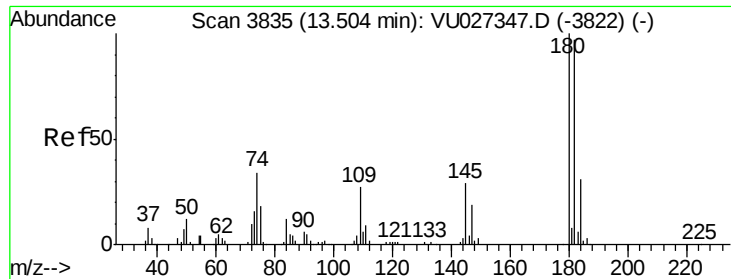
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 21.773 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.0	56.6	84.8
157	89.5	71.8	107.6





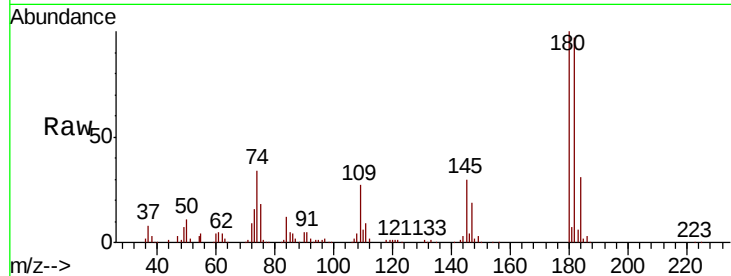
#87
 1,2,4-Trichlorobenzene
 Concen: 17.258 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.5	116.3
145	30.7	23.9	35.9

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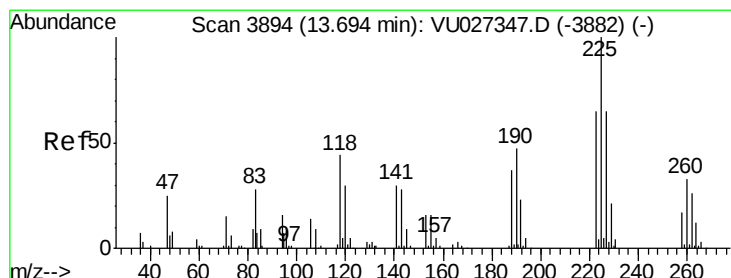
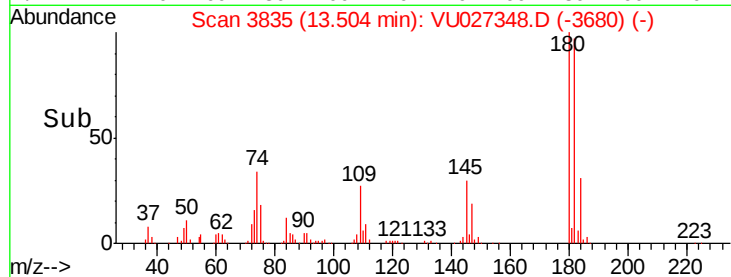
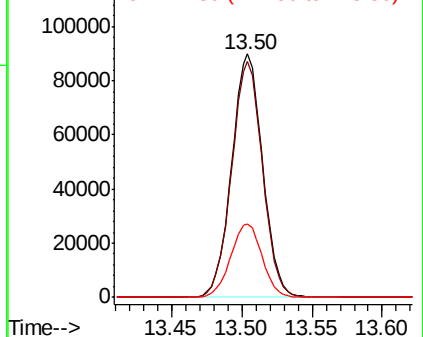


Abundance

Ion 179.70 (179.40 to 180.40): V

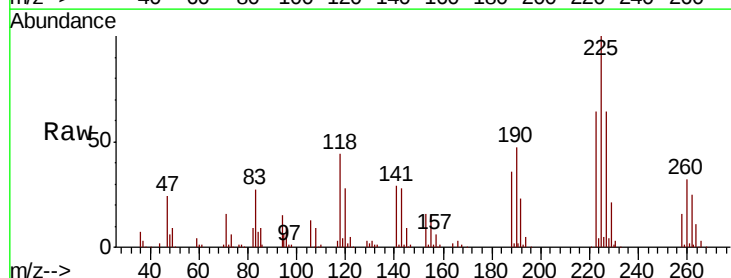
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88
 Hexachlorobutadiene
 Concen: 16.714 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027348.D
 Acq: 02 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.0
227	64.0	52.3	78.5

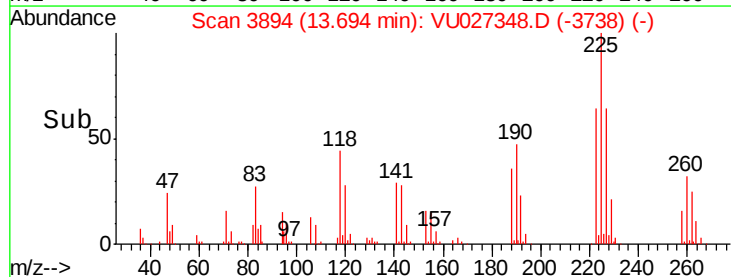
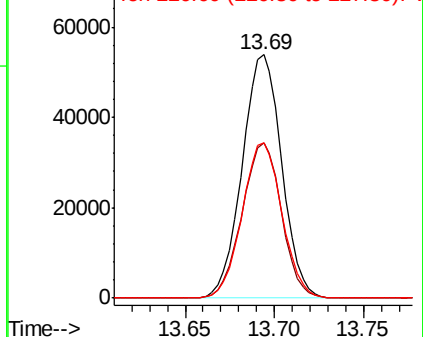


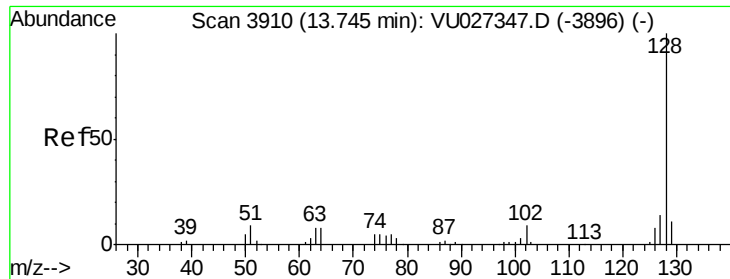
Abundance

Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 20.321 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Instrument :

MSVOA_U

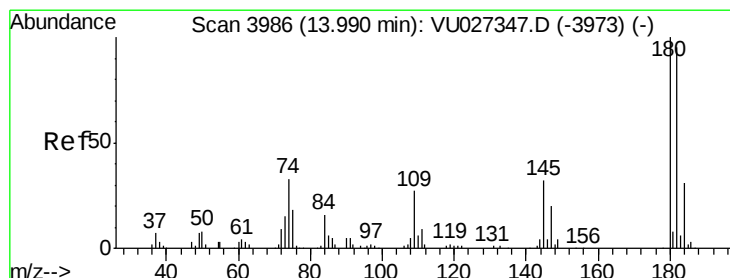
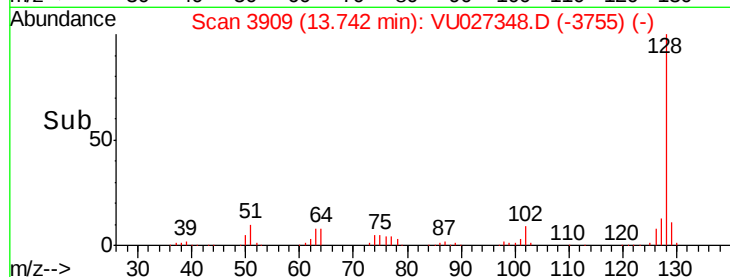
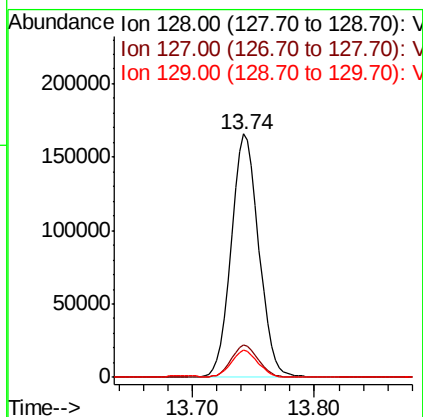
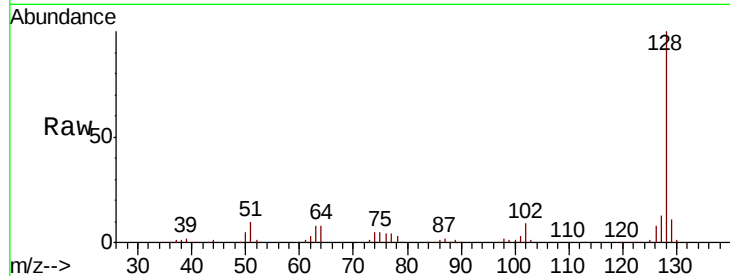
ClientSampleId :

VSTDIC015

Tot Ion:	128	Resp:	261075
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.9	8.4	12.6

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#90

1,2,3-Trichlorobenzene

Concen: 17.687 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU027348.D

Acq: 02 Oct 2018 17:25

Tgt Ion:	180	Resp:	134038
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.4
145	31.3	25.8	38.8

