

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027349.D
 Acq On : 02 Oct 2018 17:59
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Manual Integrations
 APPROVED

apatel
 10/5/2018 11:56:36 AM

Quant Time: Oct 03 09:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	21476	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	9157	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7475	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	46061	6.396	ug/l	100
3) Chloromethane	1.33	50	74253	8.876	ug/l	100
4) Vinyl Chloride	1.40	62	76993	9.047	ug/l	98
5) Bromomethane	1.63	94	36596	10.281	ug/l	98
6) Chloroethane	1.70	64	51014	9.465	ug/l	97
7) Trichlorofluoromethane	1.89	101	89882	9.115	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	55026	9.487	ug/l	99
9) 1,1-Dichloroethene	2.29	96	50228	10.397	ug/l	98
10) Iodomethane	2.41	142	62826	11.540	ug/l	99
11) Allyl Chloride	2.59	41	127385	9.979	ug/l	97
12) Acrylonitrile	2.94	53	79587	47.720	ug/l	99
13) Acetone	2.32	43	95577	68.046	ug/l	97
14) Carbon Disulfide	2.48	76	162964	10.859	ug/l	100
15) Methylene Chloride	2.70	84	62250	9.958	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	56279	10.015	ug/l	100
17) 1,1-Dichloroethane	3.45	63	136522	10.065	ug/l	100
18) 2-Butanone	4.29	43	132070	51.716	ug/l	99
19) Cyclohexane	4.98	56	105676	10.313	ug/l	98
20) Methylcyclohexane	6.41	83	99624	10.828	ug/l	97
21) 2,2-Dichloropropane	4.22	77	111871	9.630	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	65891	9.732	ug/l	99
23) Diethyl Ether	2.11	59	49939	9.687	ug/l	100
24) tert-Butyl Alcohol	2.84	59	26739	45.870	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	158748	9.847	ug/l	100
26) Bromochloromethane	4.55	128	22305	8.962	ug/l	96
27) Chloroform	4.67	83	121534	9.814	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	101050	10.061	ug/l	99
29) 1,1-Dichloropropene	5.13	75	90588	10.015	ug/l	99
30) Carbon Tetrachloride	5.13	117	84056	10.119	ug/l	99
31) Isopropyl Ether	3.58	45	255995	9.921	ug/l #	1
34) Propionitrile	4.34	54	63744	96.767	ug/l	99
35) Benzene	5.39	78	263386	9.958	ug/l	99
36) 1,2-Dichloroethane	5.41	62	83381	9.616	ug/l	100
37) Trichloroethene	6.18	130	58693	9.996	ug/l	98
38) 1,2-Dichloropropane	6.44	63	78054	9.761	ug/l	99
39) Methacrylonitrile	4.56	41	30673	8.897	ug/l	97
40) Methyl acrylate	4.43	55	40812	9.298	ug/l	99
41) Tetrahydrofuran	4.66	42	76648	45.598	ug/l	98
42) 1-Chlorobutane	5.06	56	148392	10.197	ug/l	88
43) Dibromomethane	6.56	93	33201	9.979	ug/l	98
44) Bromodichloromethane	6.76	83	89372	9.900	ug/l	98

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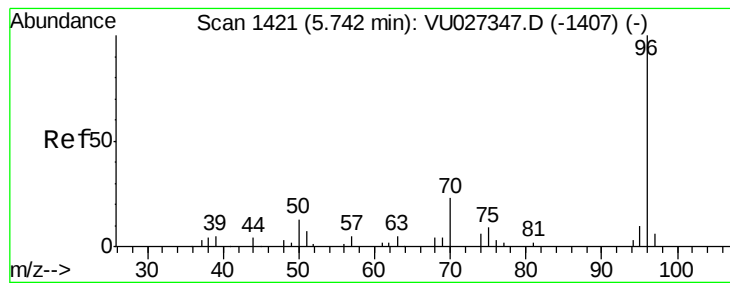
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.48	43	262439	51.231	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	20218m	13.613	ug/l	
47) Methyl methacrylate	6.64	69	33450	9.987	ug/l	99
48) Ethyl methacrylate	8.03	69	62202	10.661	ug/l	100
49) Toluene	7.64	92	153619	10.623	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	87513	10.915	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	99687	10.377	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	46819	9.999	ug/l	97
53) 1,3-Dichloropropane	8.25	76	89083	10.028	ug/l	99
54) 2-Hexanone	8.38	43	202120	57.104	ug/l	99
55) Dibromochloromethane	8.48	129	52187	10.094	ug/l	99
56) 1,2-Dibromoethane	8.59	107	42919	10.369	ug/l	99
58) Tetrachloroethene	8.22	164	52696	10.123	ug/l	99
59) Chlorobenzene	9.12	112	157814	10.463	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	58870	10.153	ug/l	99
61) Pentachloroethane	11.10	117	49785	10.388	ug/l	99
62) Hexachloroethane	12.15	117	49360	10.800	ug/l	99
63) Ethyl Benzene	9.25	91	292478	11.297	ug/l	100
64) m/p-Xylenes	9.38	106	225864	23.269	ug/l	99
65) o-Xylene	9.78	106	103732	11.258	ug/l	99
66) Styrene	9.79	104	181512	11.224	ug/l	99
67) Bromoform	9.96	173	28194	10.196	ug/l	100
69) Isopropylbenzene	10.17	105	293689	12.087	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	60949	9.636	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	46142m	9.455	ug/l	
72) Bromobenzene	10.45	156	63429	10.820	ug/l	100
73) n-propylbenzene	10.59	120	78654	12.022	ug/l	98
74) 2-Chlorotoluene	10.66	126	67306	11.256	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	255413	11.817	ug/l	99
76) 4-Chlorotoluene	10.77	126	70817	11.542	ug/l	98
77) tert-Butylbenzene	11.10	119	230182	11.279	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	261201	9.878	ug/l	100
79) sec-Butylbenzene	11.32	105	315190	11.258	ug/l	100
80) Nitrobenzene	12.86	77	3596	13.831	ug/l #	94
81) p-Isopropyltoluene	11.48	119	271147	9.932	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	132001	10.692	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	132994	10.762	ug/l	99
84) n-Butylbenzene	11.89	91	277771	10.000	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	121496	10.637	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10083	10.526	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	88805	12.265	ug/l	99
88) Hexachlorobutadiene	13.69	225	51633	10.781	ug/l	99
89) Naphthalene	13.75	128	158228	12.390	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	81500	11.382	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

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Instrument :

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ClientSampleId :

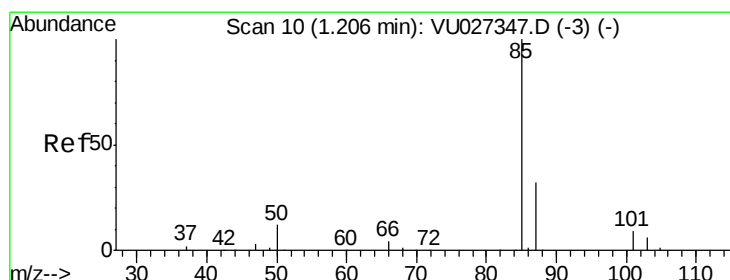
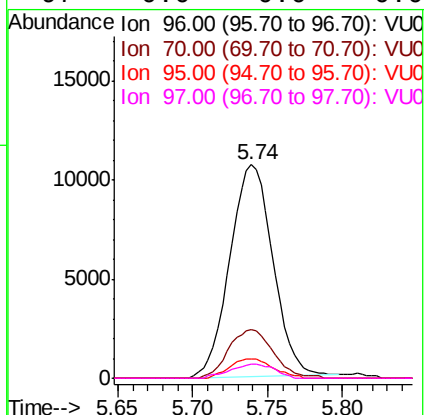
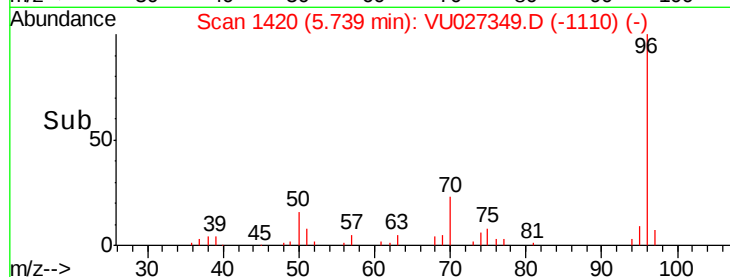
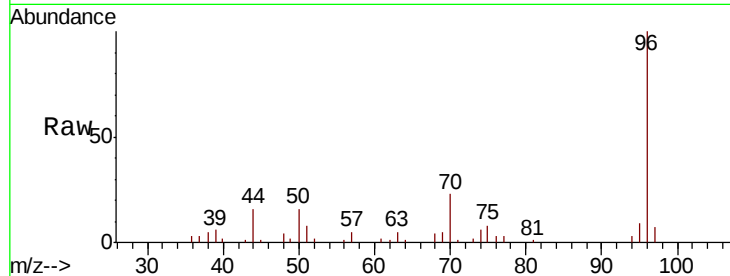
ICVVU100318

Tot Ion: 96 Resp: 21476

Ion	Ratio	Lower	Upper
96	100		
70	23.6	19.2	28.8
95	9.2	7.7	11.5
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 6.396 ug/l

RT: 1.21 min Scan# 10

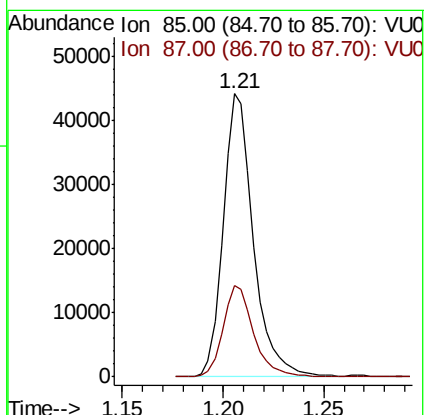
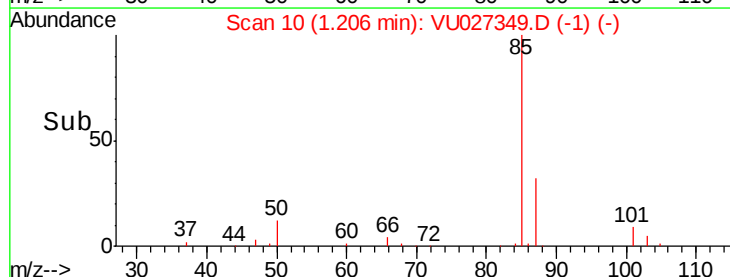
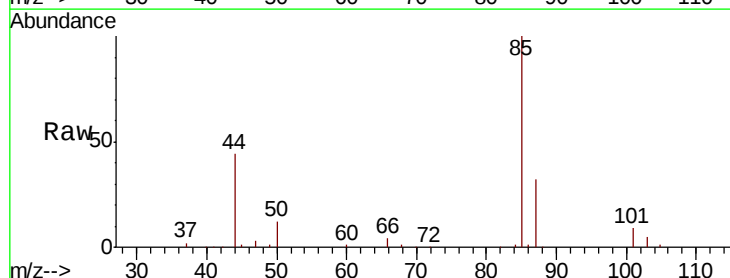
Delta R.T. -0.00 min

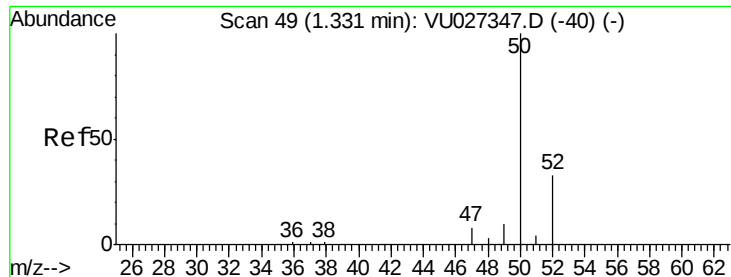
Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion: 85 Resp: 46061

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.1	48.3





#3

Chloromethane

Concen: 8.876 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 50 Resp: 74253

Ion Ratio Lower Upper

50 100

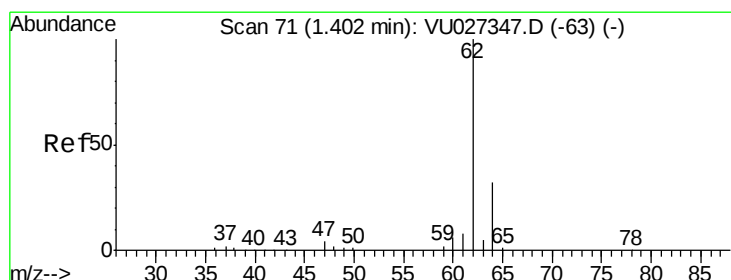
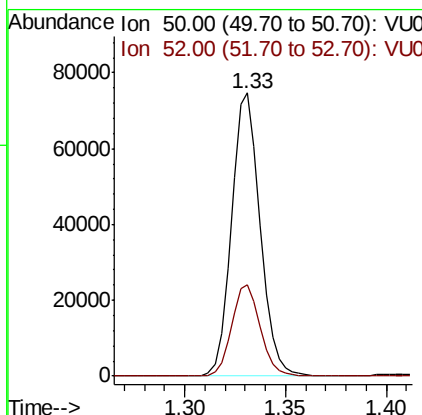
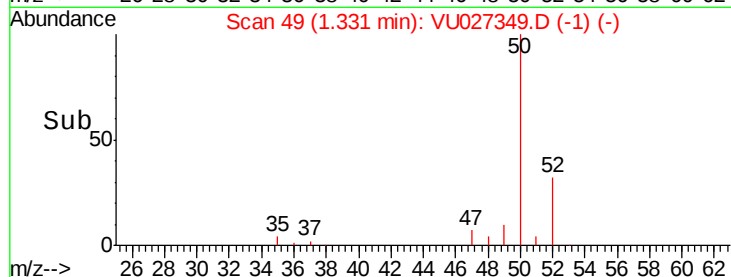
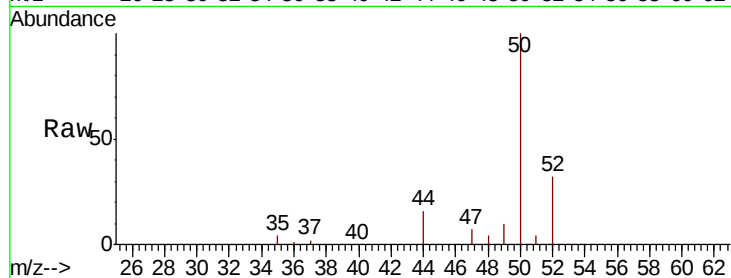
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.047 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027349.D

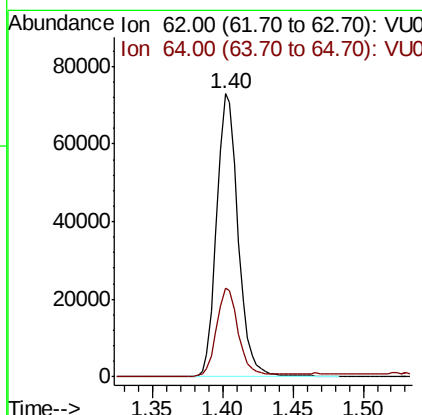
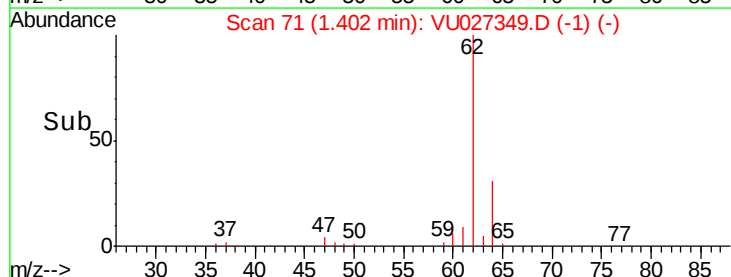
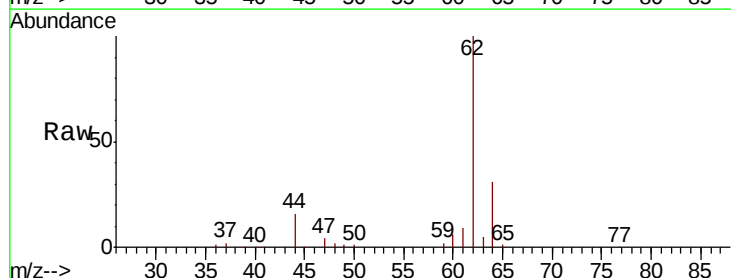
Acq: 02 Oct 2018 17:59

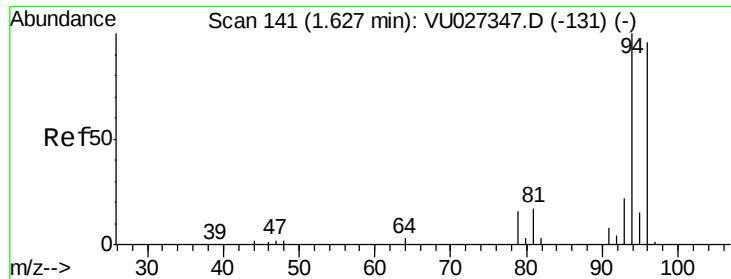
Tgt Ion: 62 Resp: 76993

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 10.281 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 94 Resp: 36596

Ion Ratio Lower Upper

94 100

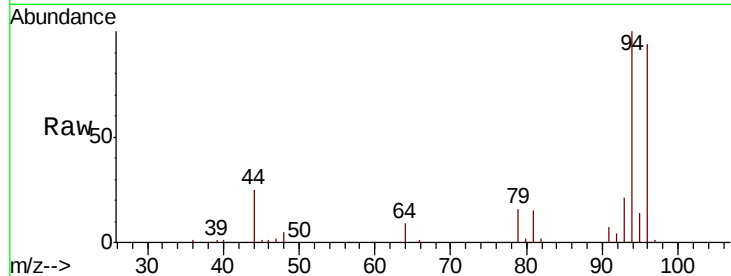
96 94.1 77.0 115.6

Manual Integrations

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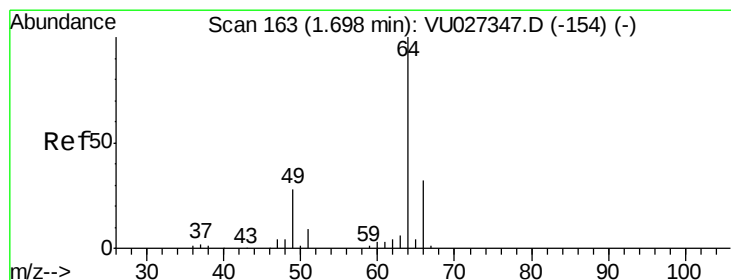
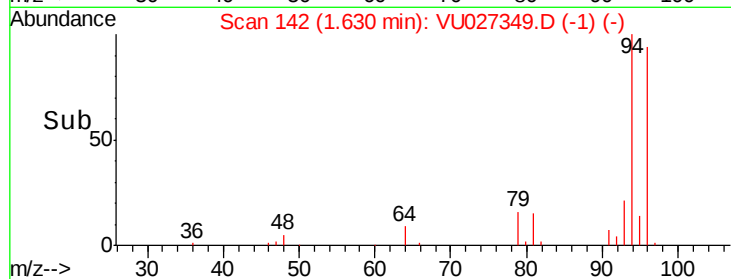
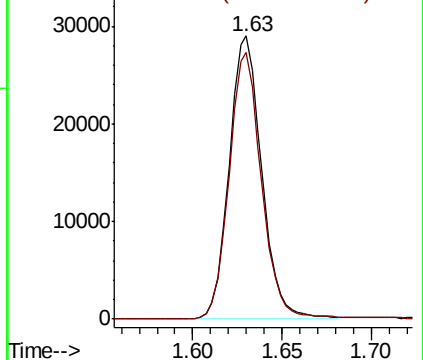
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.465 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027349.D

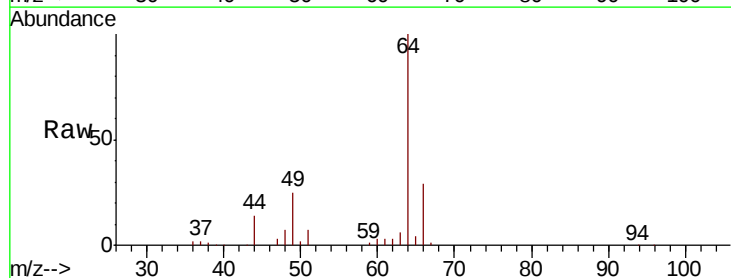
Acq: 02 Oct 2018 17:59

Tgt Ion: 64 Resp: 51014

Ion Ratio Lower Upper

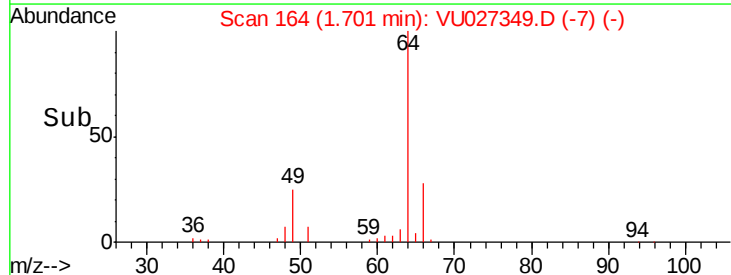
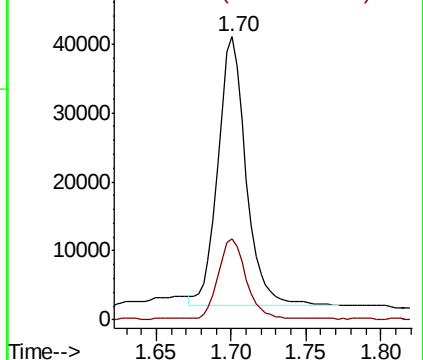
64 100

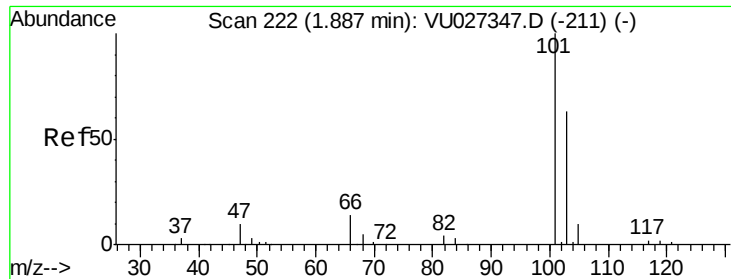
66 30.1 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

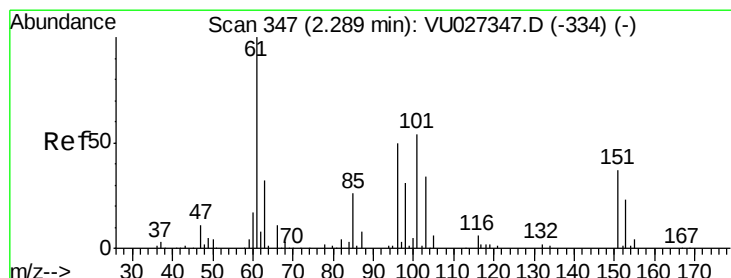
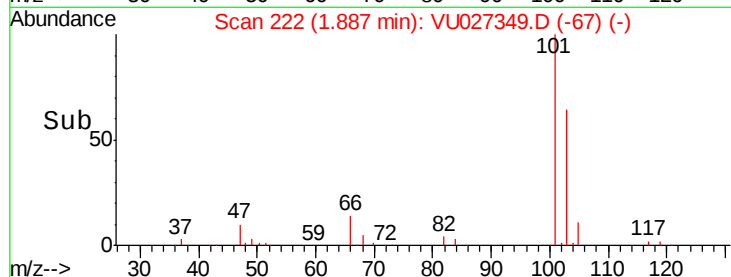
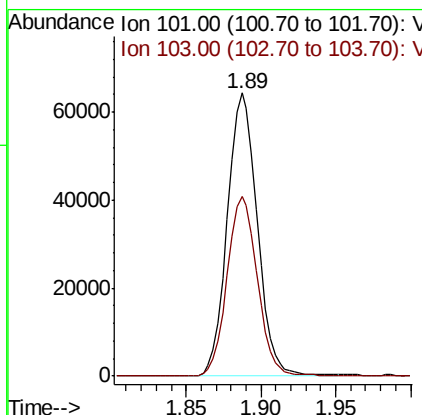
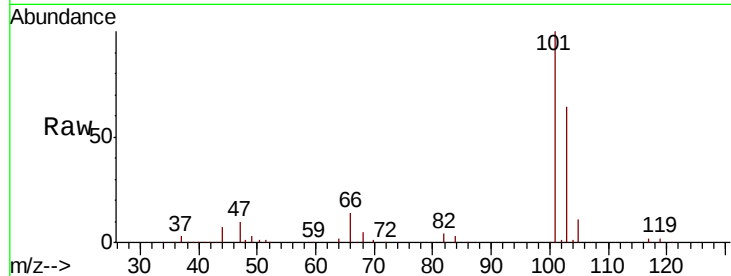
Trichlorofluoromethane
Concen: 9.115 ug/l
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.8	76.2

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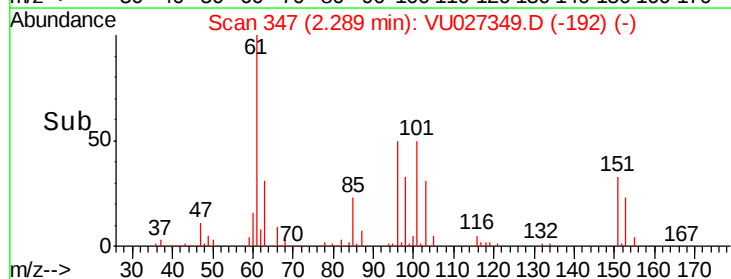
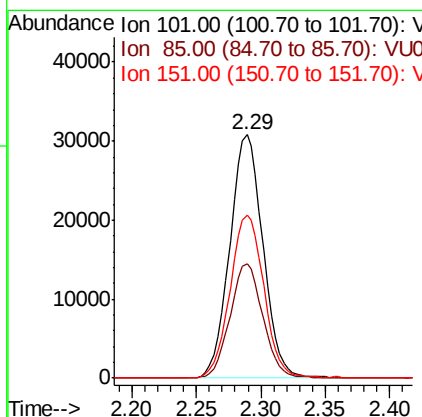
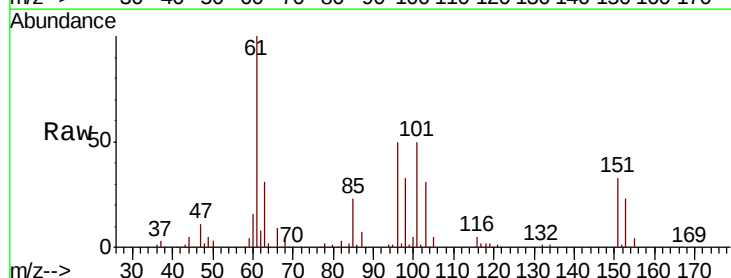
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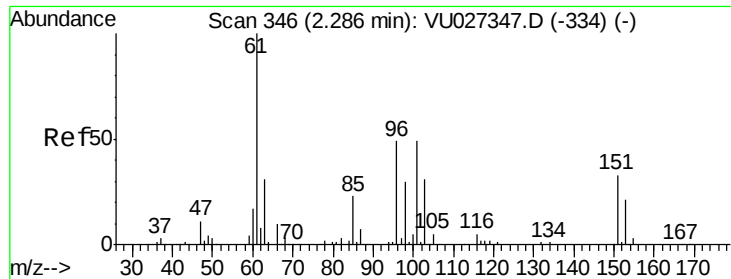


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.487 ug/l
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.6	56.4
151	67.7	54.6	81.8





#9

1,1-Dichloroethene

Concen: 10.397 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

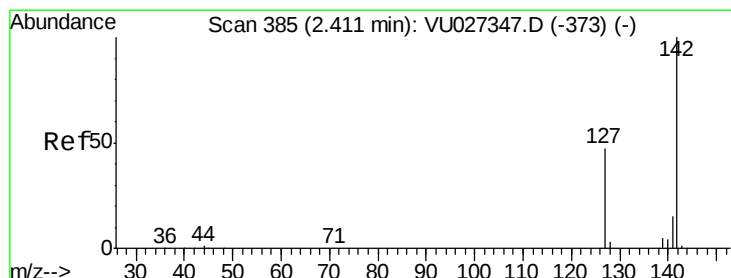
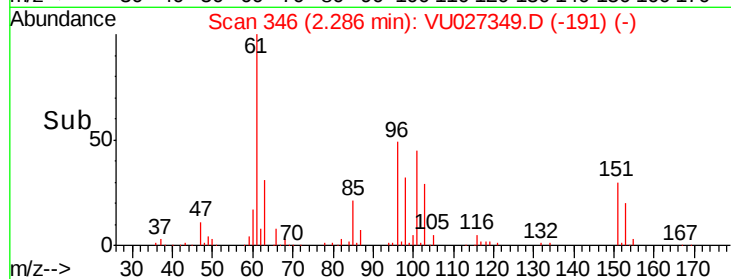
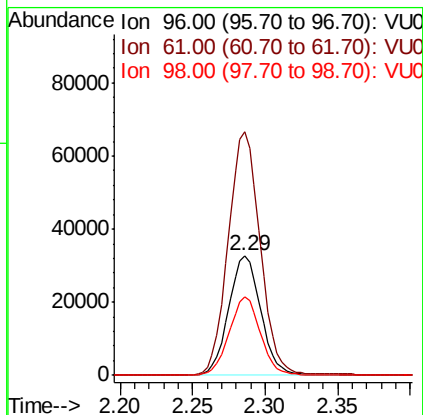
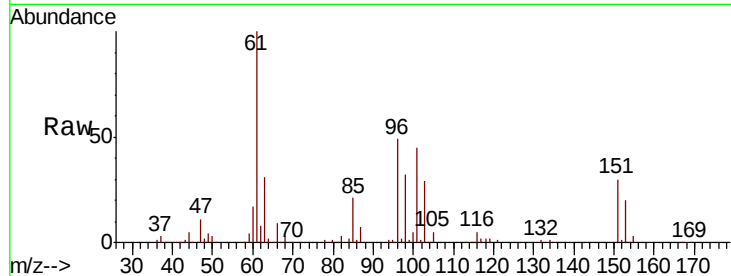
ClientSampleId :

ICVVU100318

Tot Ion:	96	Resp:	50228
Ion	Ratio	Lower	Upper
96	100		
61	203.5	0.0	614.1
98	65.2	0.0	123.4

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#10

Iodomethane

Concen: 11.540 ug/l

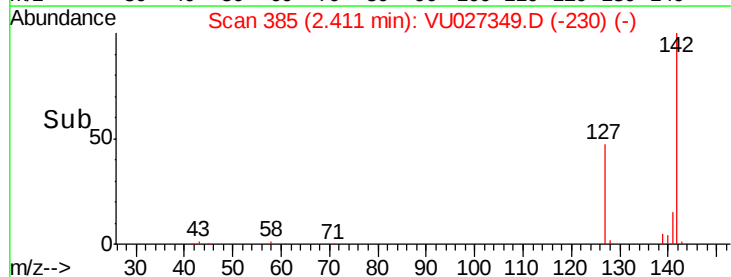
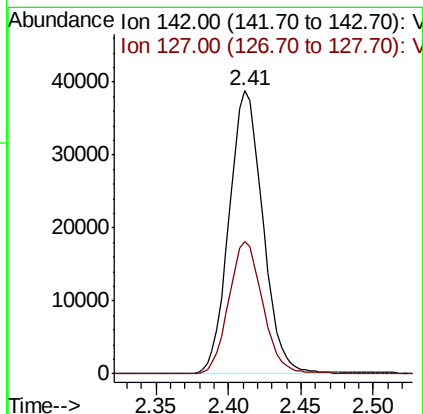
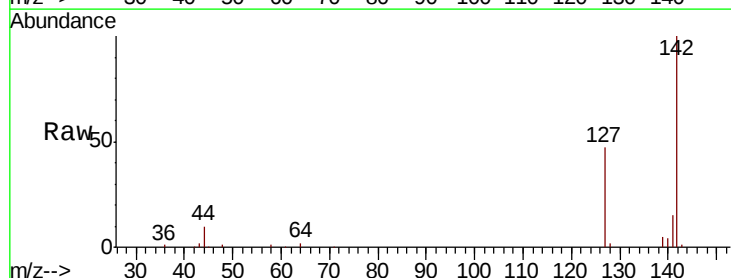
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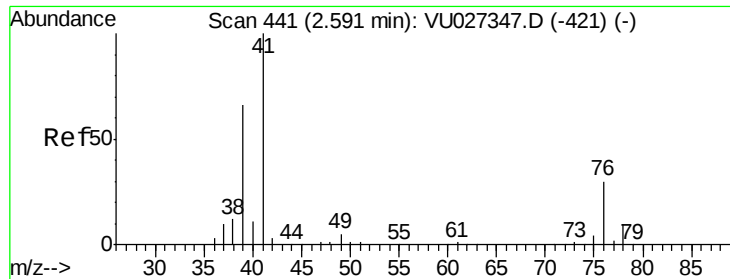
Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion:	142	Resp:	62826
Ion	Ratio	Lower	Upper
142	100		
127	47.3	38.3	57.5





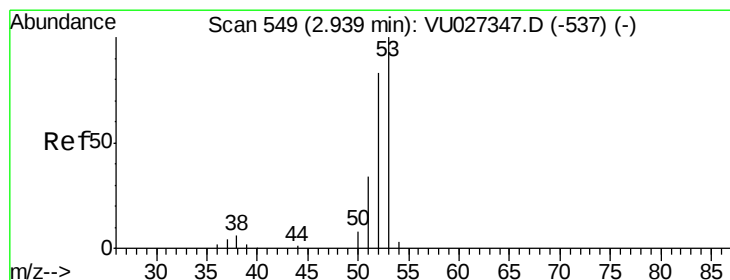
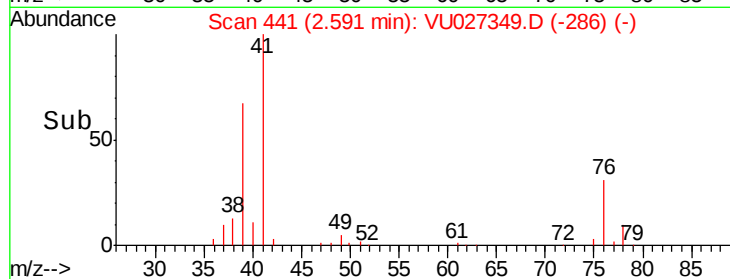
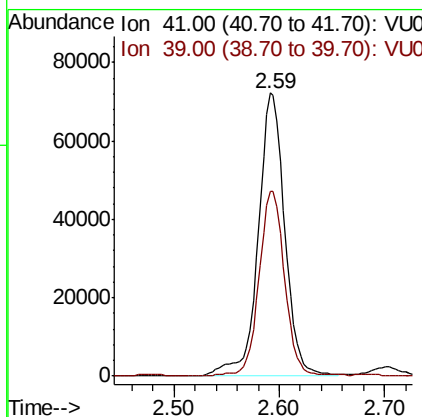
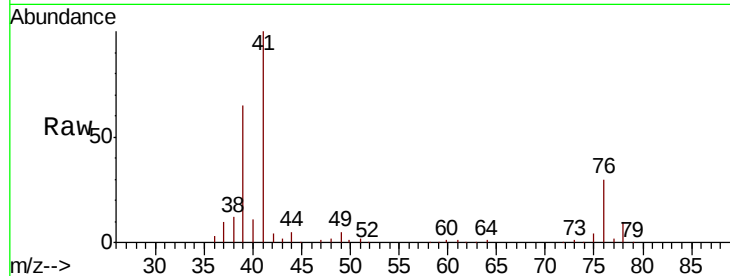
#11
Allvl Chloride
Concen: 9.979 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.3	52.2	78.4

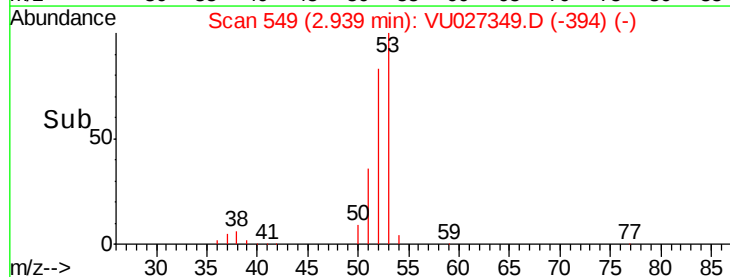
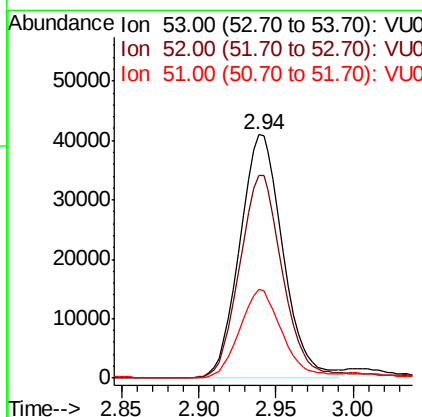
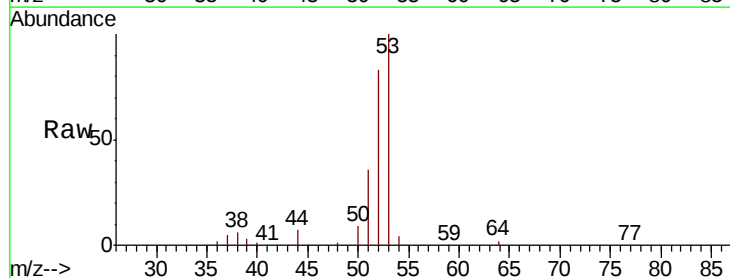
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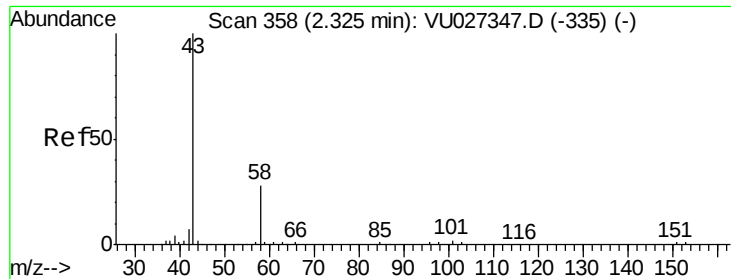
apatel
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#12
Acrylonitrile
Concen: 47.720 ug/l
RT: 2.94 min Scan# 549
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.0	100.4
51	35.8	29.0	43.6





#13

Acetone

Concen: 68.046 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tot Ion: 43 Resp: 95577

Ion Ratio Lower Upper

43 100

58 29.7 22.6 34.0

Instrument :

MSVOA_U

ClientSampleId :

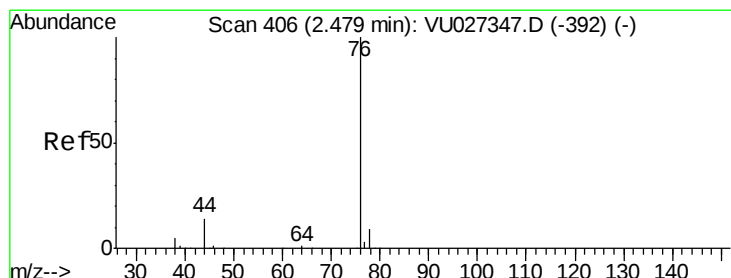
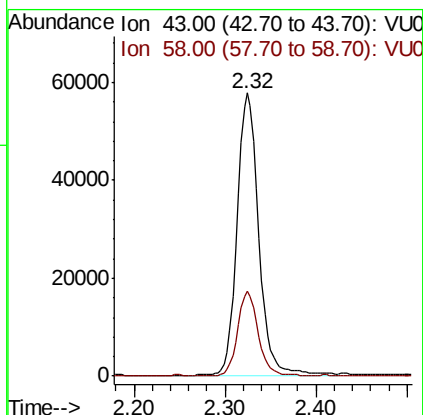
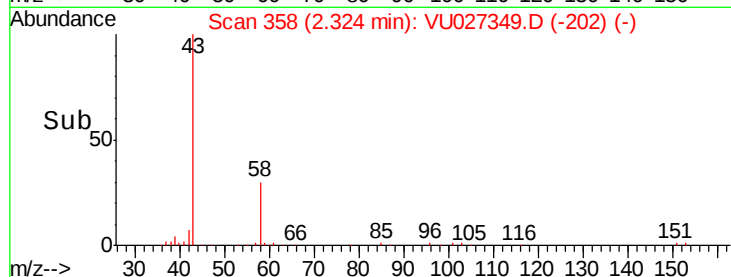
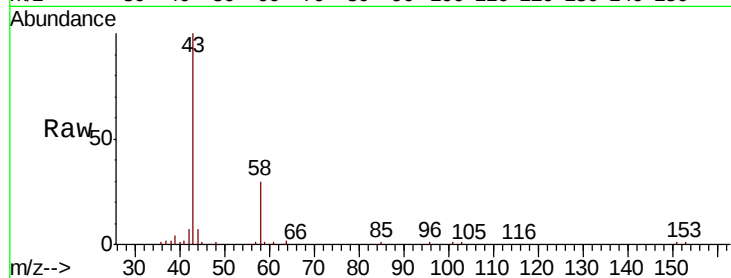
ICVVU100318

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#14

Carbon Disulfide

Concen: 10.859 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU027349.D

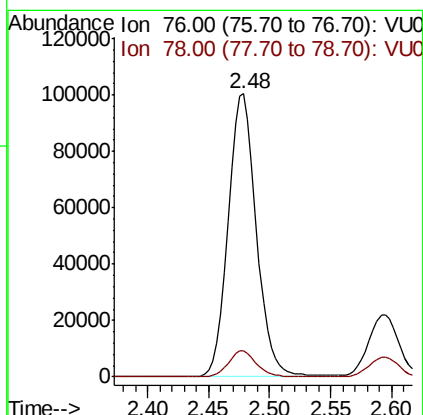
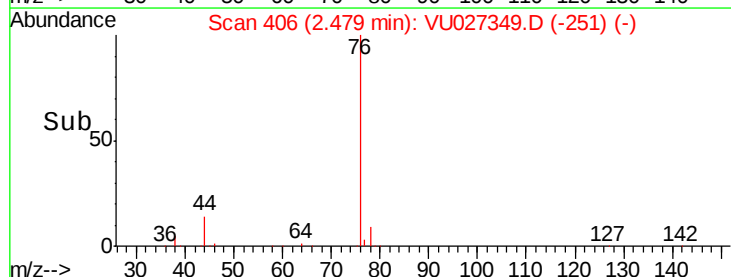
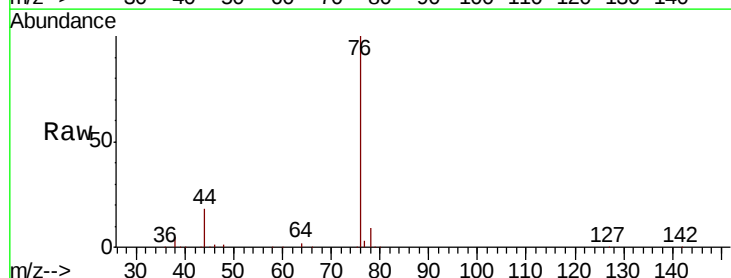
Acq: 02 Oct 2018 17:59

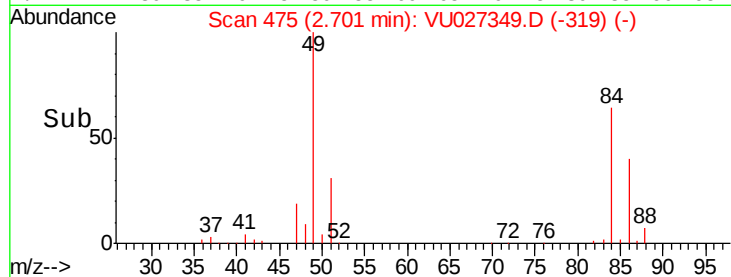
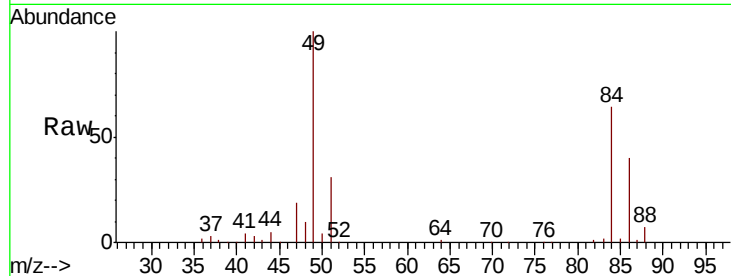
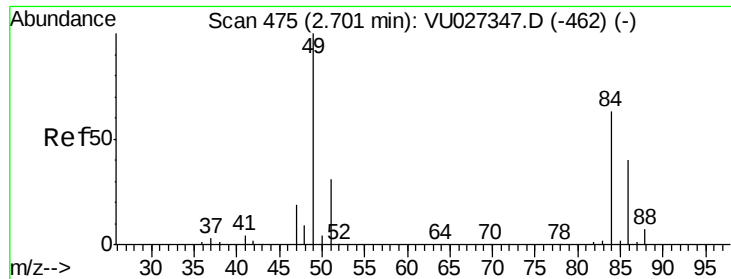
Tgt Ion: 76 Resp: 162964

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





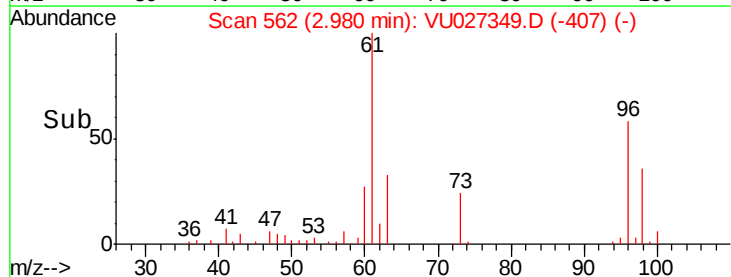
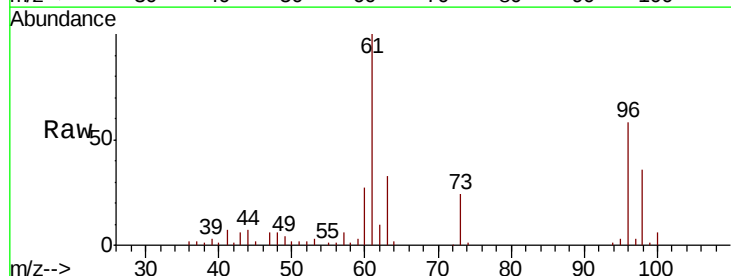
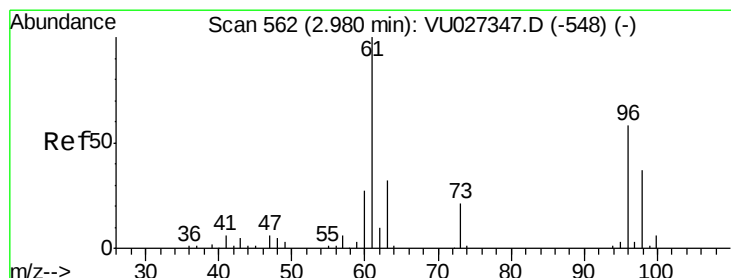
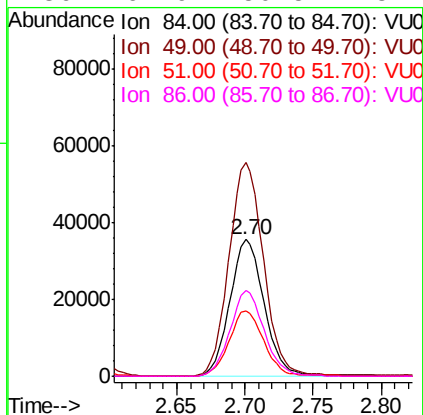
#15
Methvlene Chloride
Concen: 9.958 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
84	100		
49	156.4	126.0	189.0
51	48.1	0.0	97.4
86	62.9	50.5	75.7

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

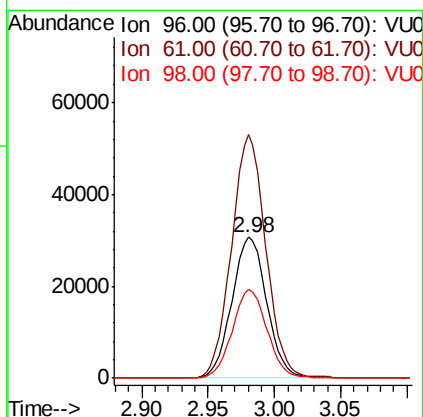
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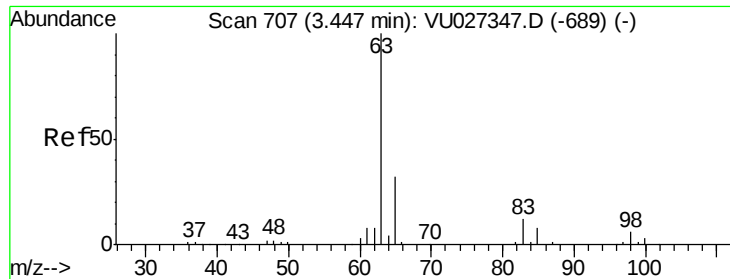
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#16
trans-1,2-Dichloroethene
Concen: 10.015 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.8	138.2	207.4
98	63.0	51.5	77.3





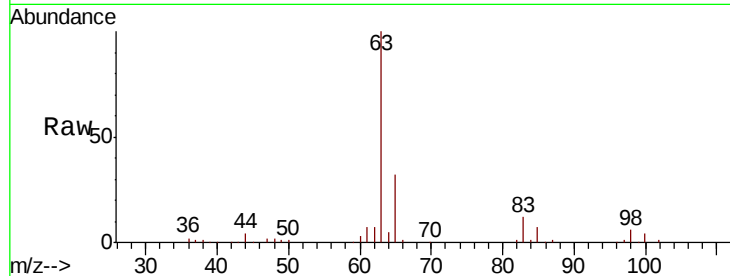
#17
 1,1-Dichloroethane
 Concen: 10.065 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

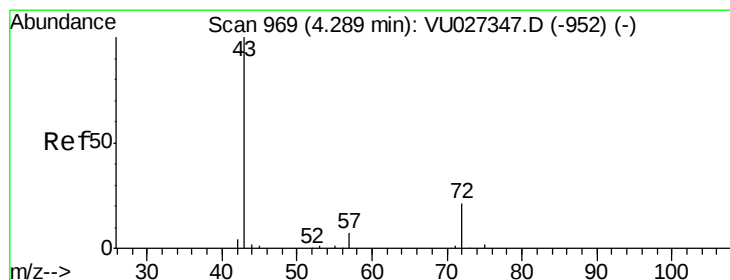
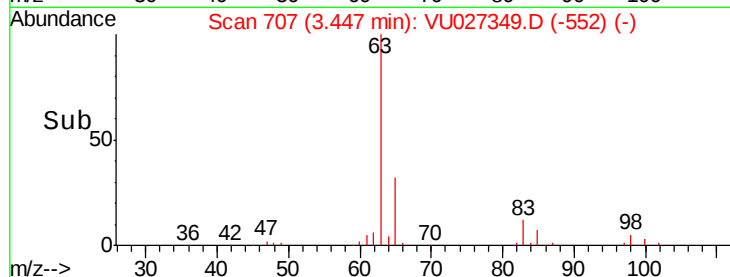
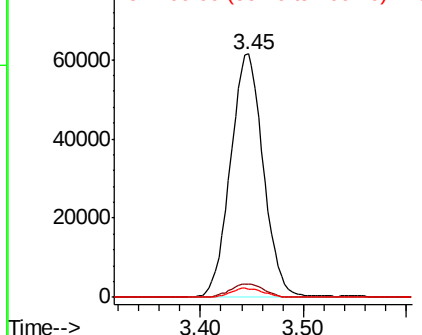
Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.5	2.9	8.6	
100	3.6	1.8	5.3	

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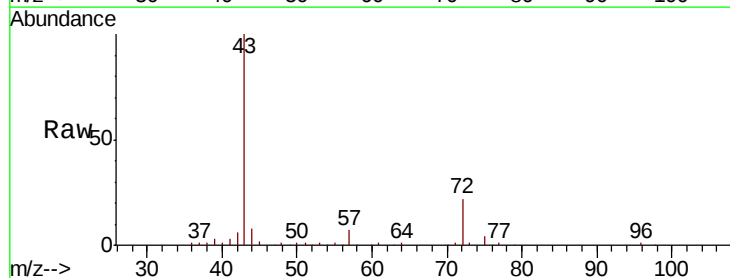


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

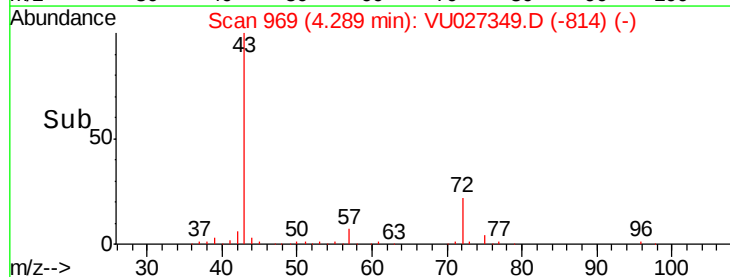
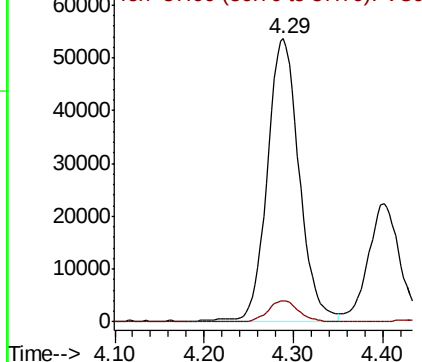


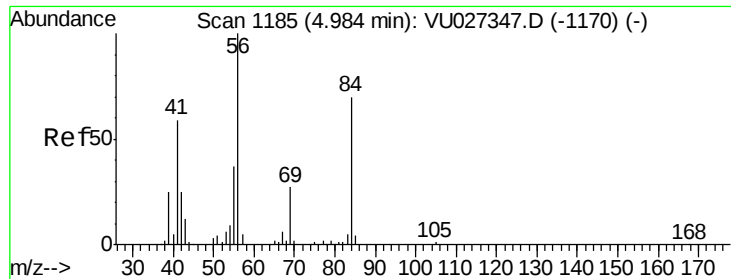
#18
 2-Butanone
 Concen: 51.716 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

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



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





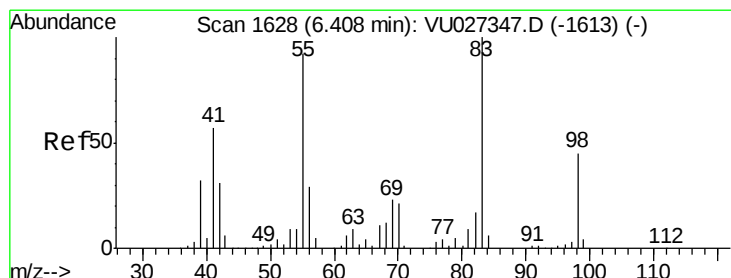
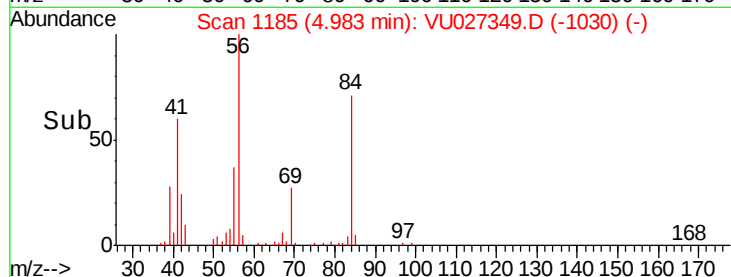
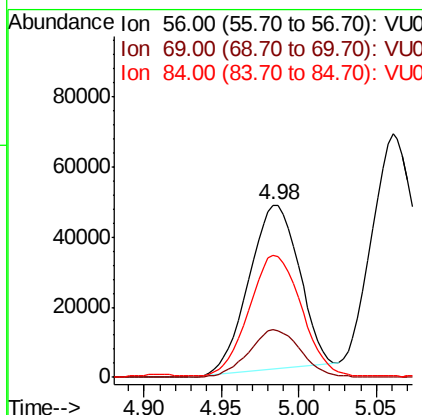
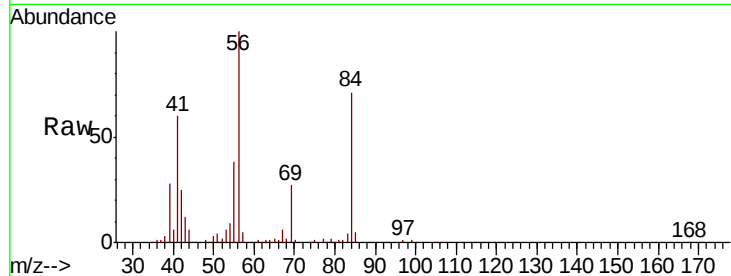
#19
Cyclohexane
Concen: 10.313 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.9	37.3
84	76.7	63.0	94.6

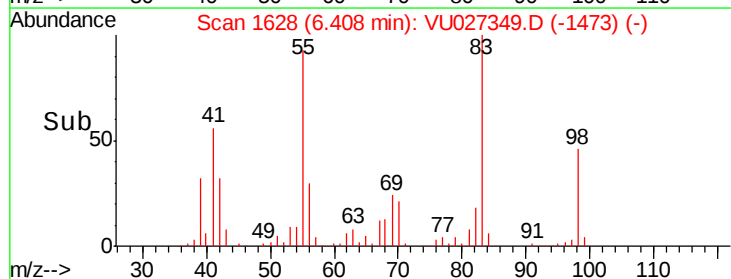
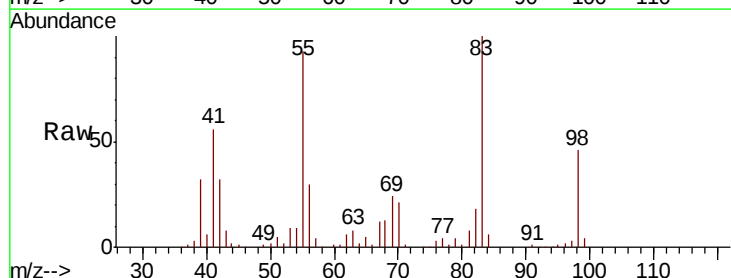
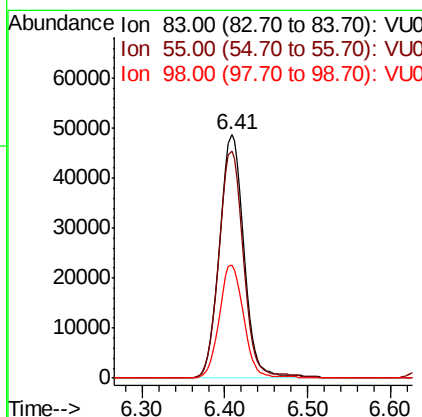
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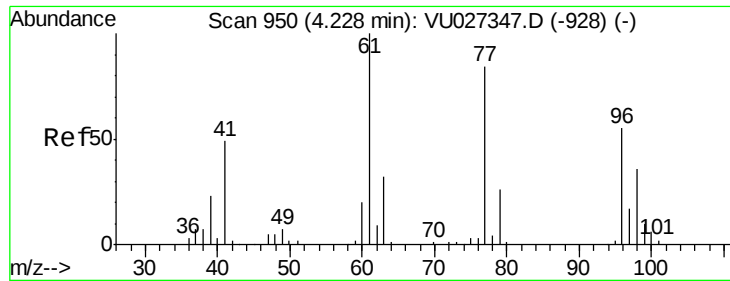
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#20
Methylcyclohexane
Concen: 10.828 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.3	71.6	107.4
98	44.8	35.8	53.6





#21

2,2-Dichloropropane

Concen: 9.630 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 77 Resp: 111871

Ion Ratio Lower Upper

77 100

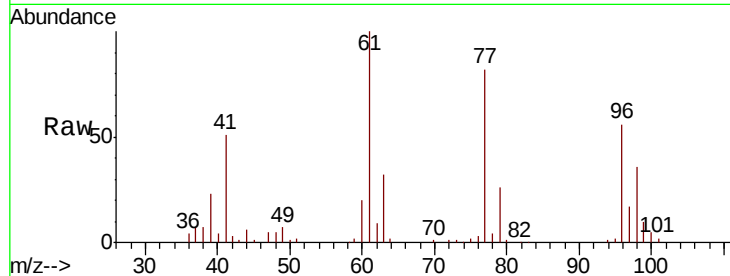
97 19.7 16.0 24.0

Manual Integrations

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Abundance Ion 77.00 (76.70 to 77.70): VU027347.D (-928) (-)

Ion 97.00 (96.70 to 97.70): VU027349.D (-795) (-)

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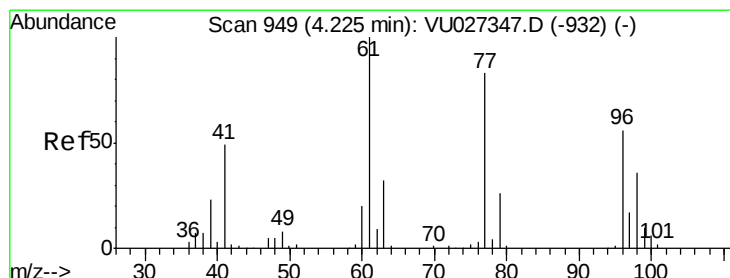
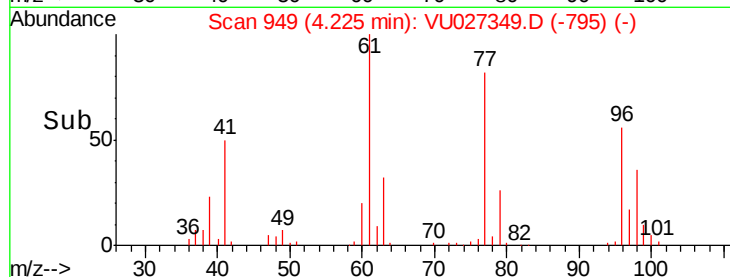
4.22

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#22

cis-1,2-Dichloroethene

Concen: 9.732 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion: 96 Resp: 65891

Ion Ratio Lower Upper

96 100

61 183.6 0.0 461.8

98 64.1 32.5 97.4

Abundance Ion 96.00 (95.70 to 96.70): VU027347.D (-932) (-)

Ion 61.00 (60.70 to 61.70): VU027349.D (-794) (-)

Ion 98.00 (97.70 to 98.70): VU027349.D (-794) (-)

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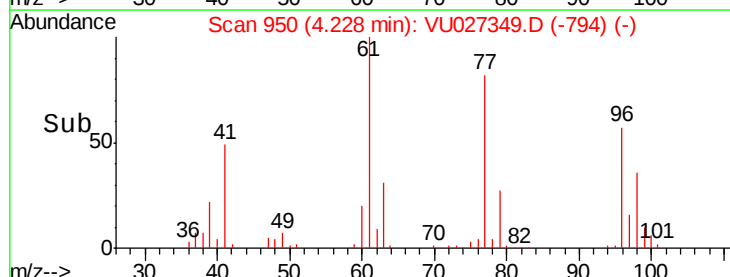
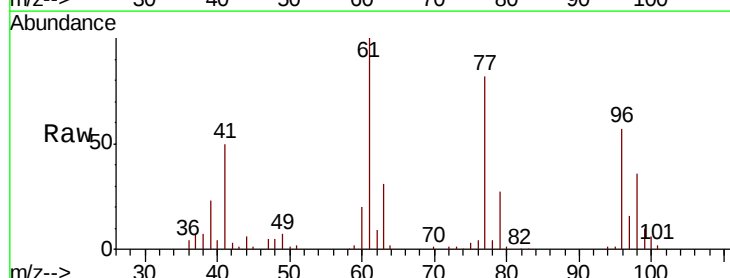
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Abundance Ion 96.00 (95.70 to 96.70): VU027347.D (-932) (-)

Ion 61.00 (60.70 to 61.70): VU027349.D (-794) (-)

Ion 98.00 (97.70 to 98.70): VU027349.D (-794) (-)

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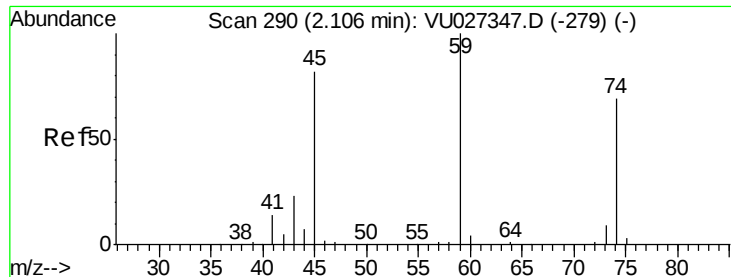
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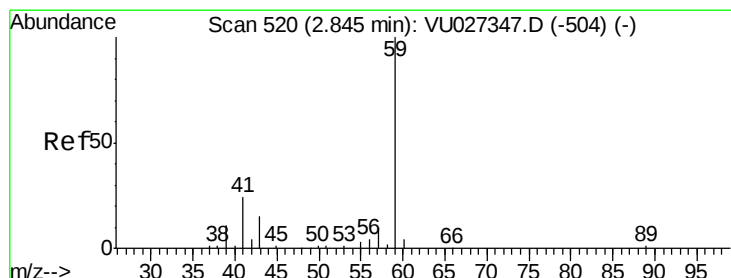
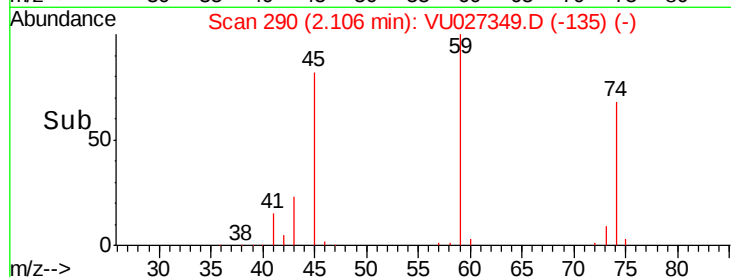
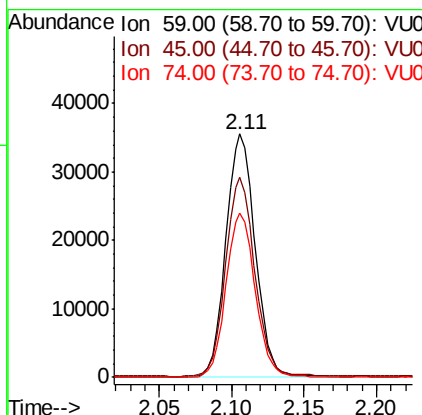
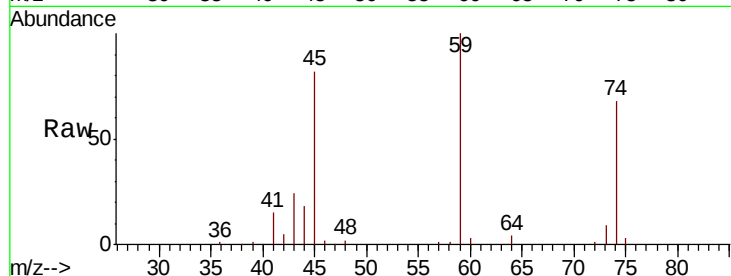
#23
Diethyl Ether
Concen: 9.687 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	Ratio	Lower	Upper
59	100		
45	81.8	65.2	97.8
74	67.4	54.2	81.4

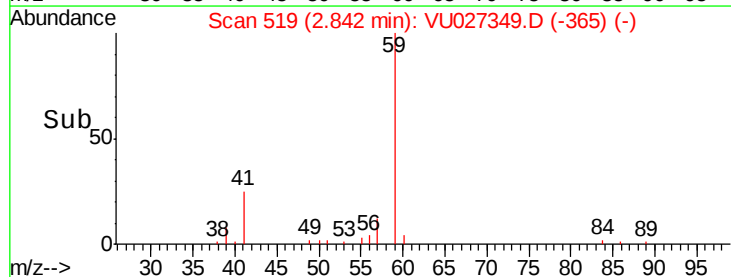
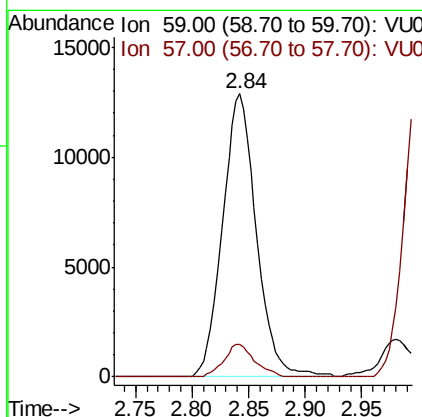
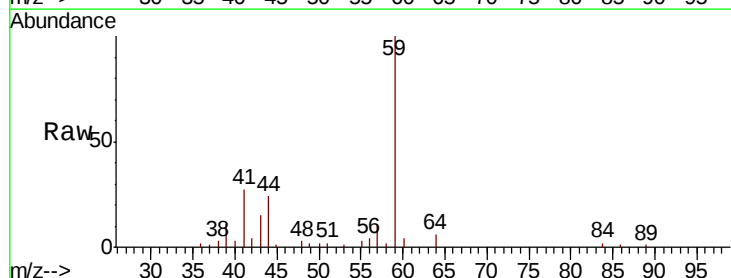
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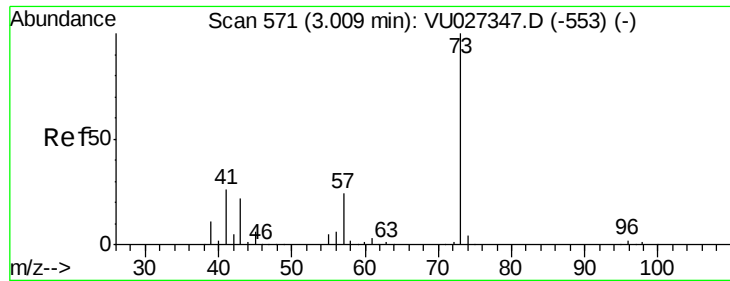
apatel
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#24
tert-Butyl Alcohol
Concen: 45.870 ug/l
RT: 2.84 min Scan# 519
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2





#25

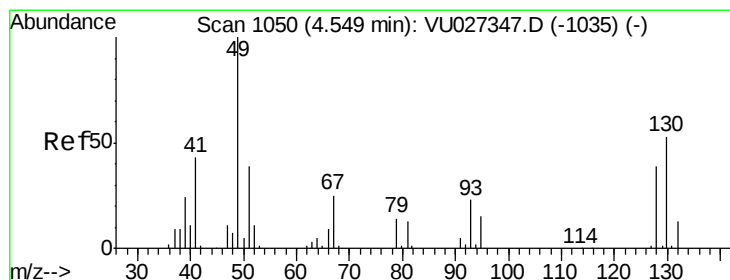
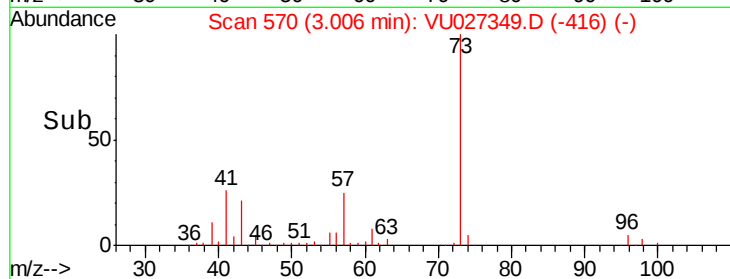
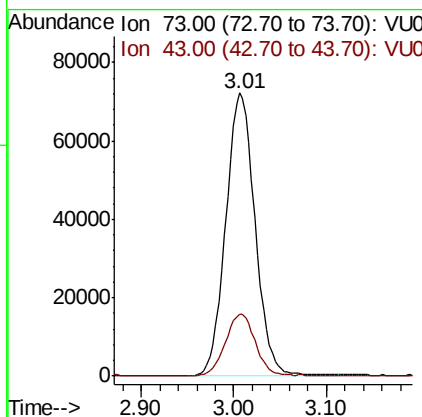
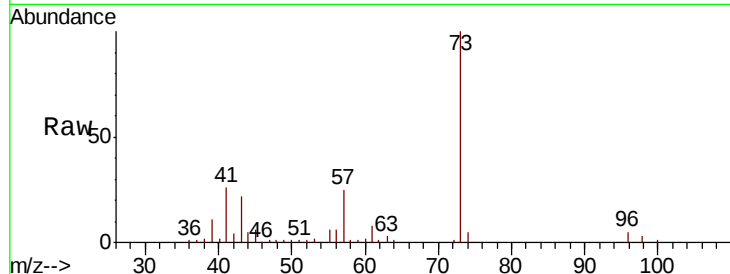
Methyl tert-Butyl Ether
 Concen: 9.847 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.6	26.4

Manual Integrations
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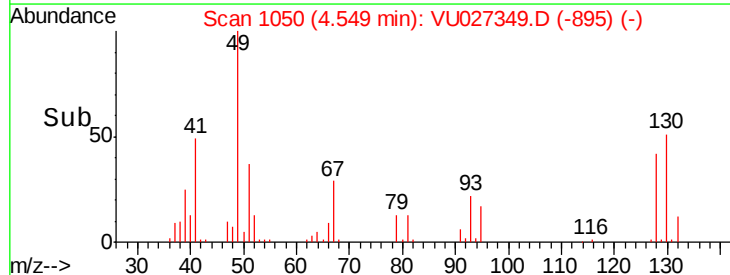
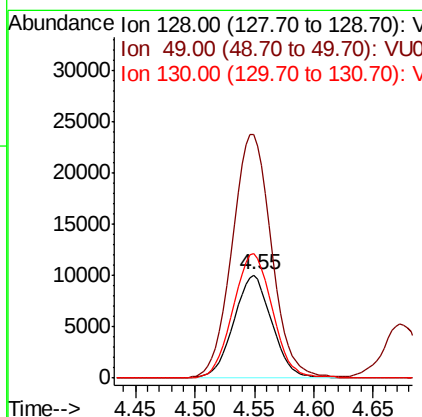
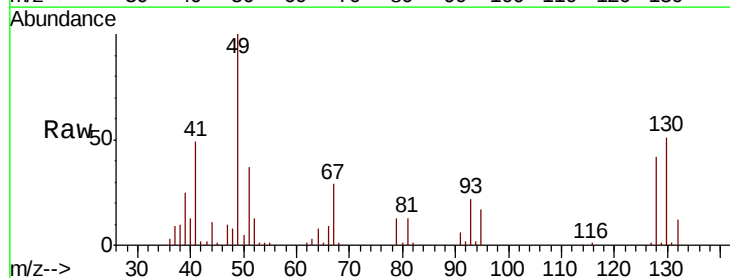
apatel
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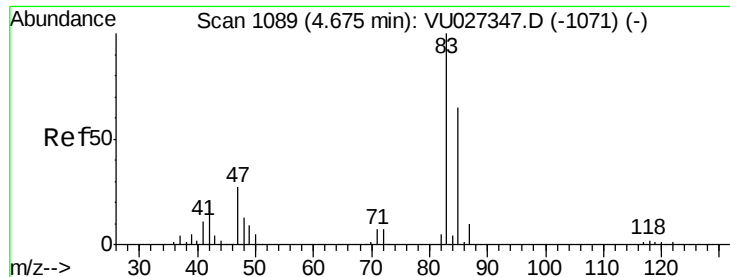


#26

Bromochloromethane
 Concen: 8.962 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
128	100		
49	244.0	0.0	498.8
130	124.5	103.8	155.8





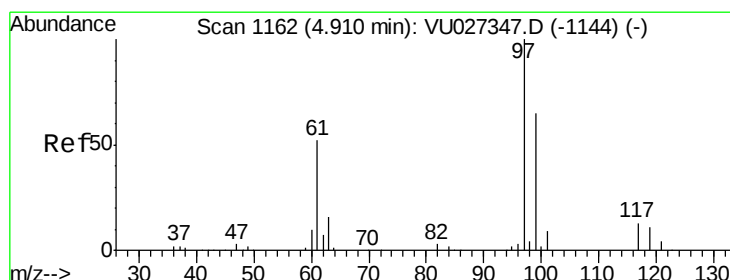
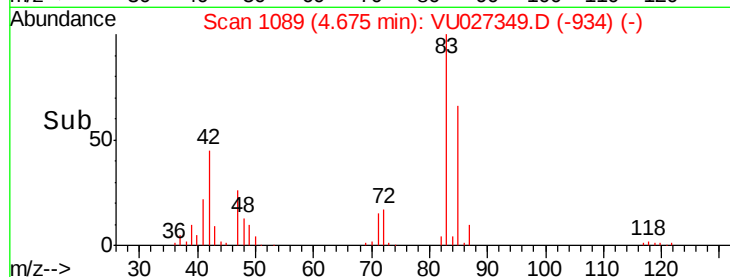
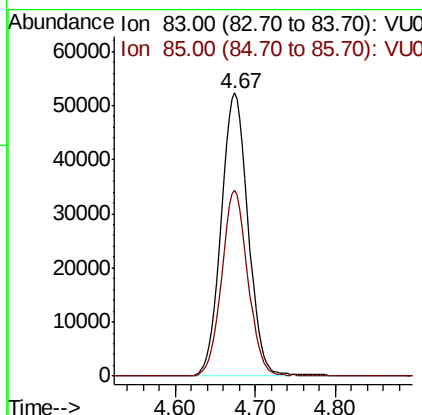
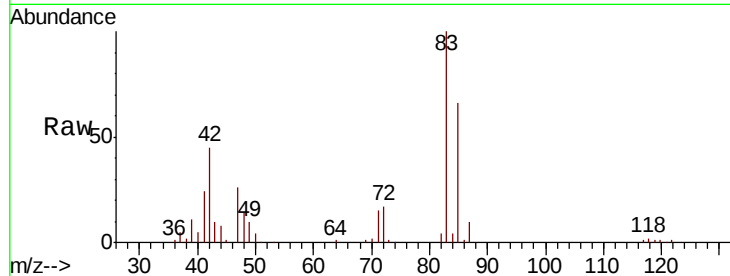
#27
Chloroform
Concen: 9.814 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	83	Resp	121534
Ion Ratio	100	Lower	Upper
85	65.8	0.0	129.4

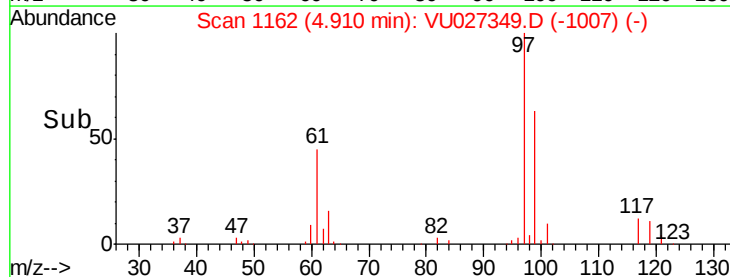
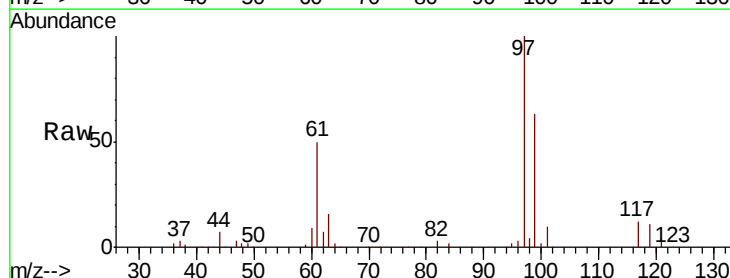
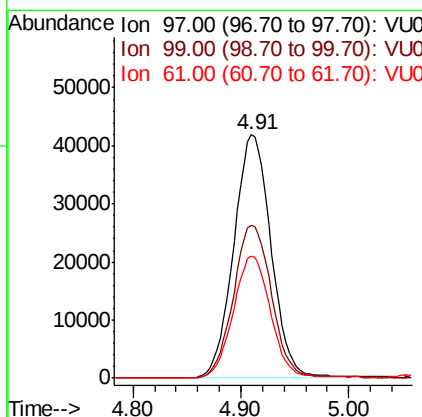
Manual Integrations
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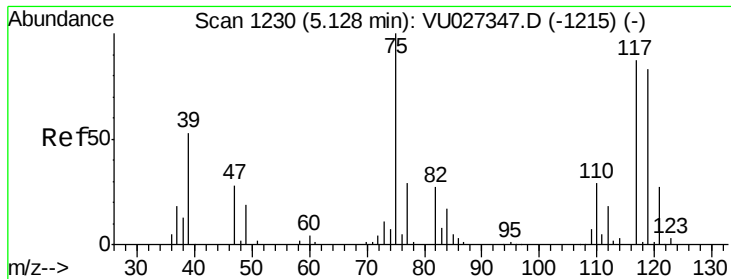
apatel
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#28
1,1,1-Trichloroethane
Concen: 10.061 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	97	Resp	101050
Ion Ratio	100	Lower	Upper
99	64.5	31.9	95.9
61	50.0	25.7	77.1





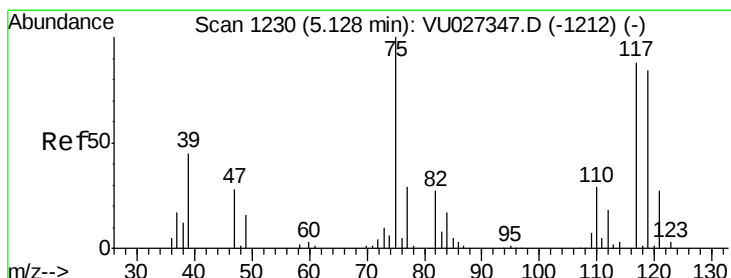
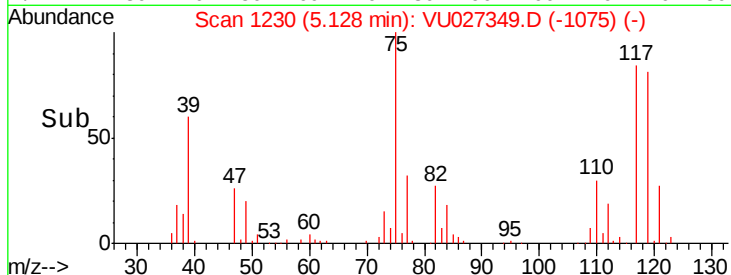
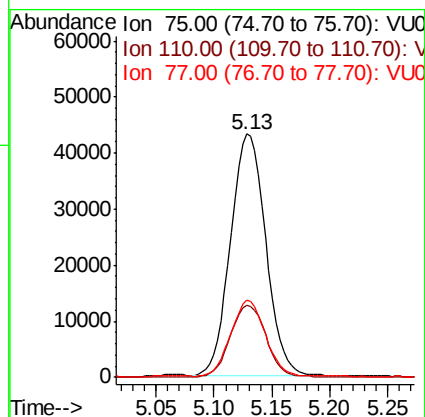
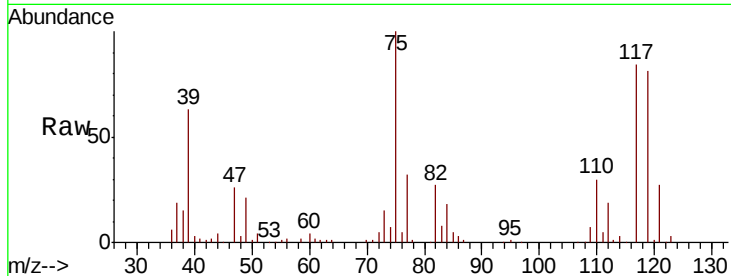
#29
1,1-Dichloropropene
Concen: 10.015 ug/l
RT: 5.13 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.7	15.0	45.0
77	30.8	24.2	36.2

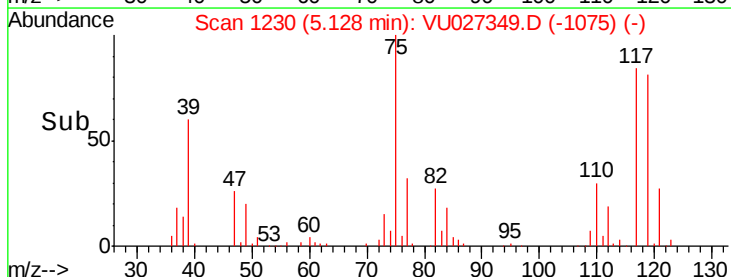
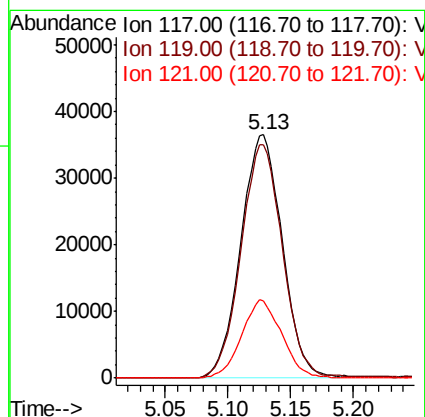
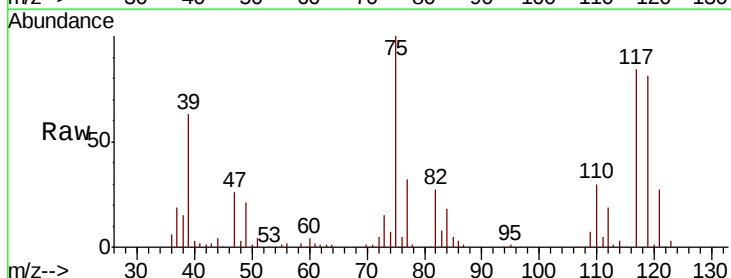
Manual Integrations
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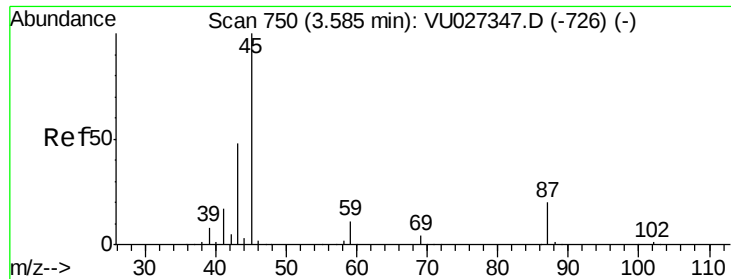
apatel
10/5/2018 11:56:36 AM



#30
Carbon Tetrachloride
Concen: 10.119 ug/l
RT: 5.13 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.9	113.9
121	31.6	24.6	37.0





#31

Isopropyl Ether

Concen: 9.921 ug/l

RT: 3.58 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 45 Resp: 255995

Ion Ratio Lower Upper

45 100

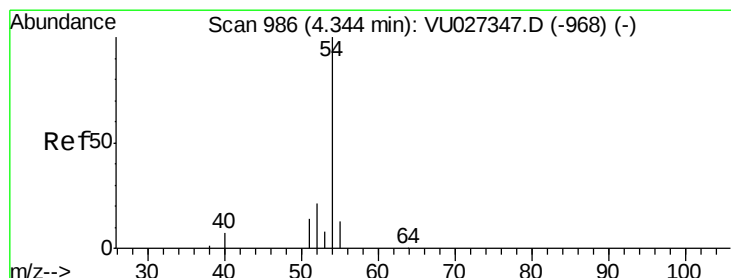
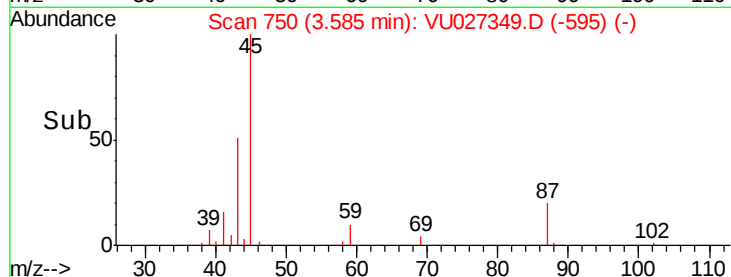
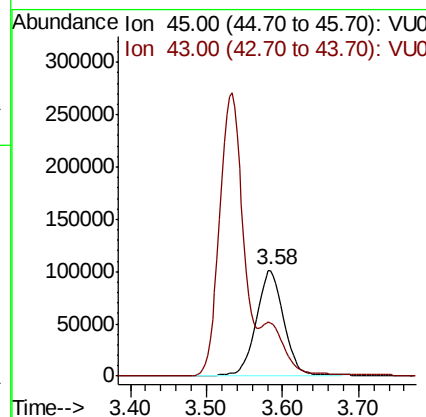
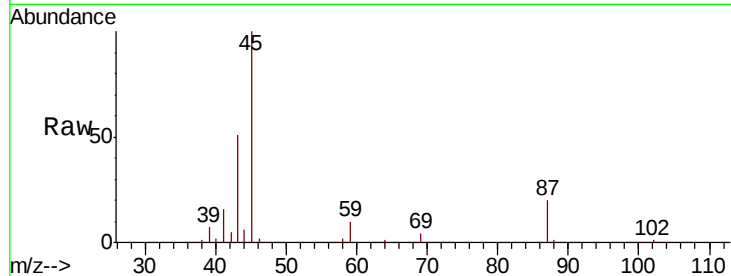
43 228.5 24.1 72.3#

Manual Integrations

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#34

Propionitrile

Concen: 96.767 ug/l

RT: 4.34 min Scan# 985

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion: 54 Resp: 63744

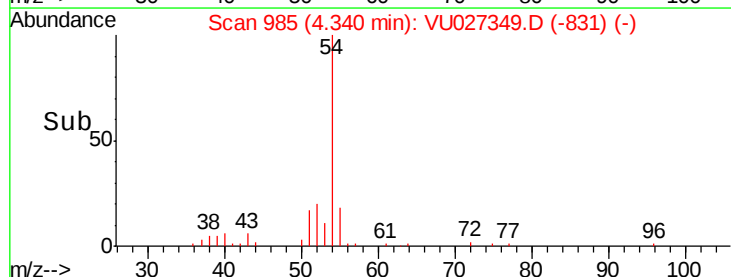
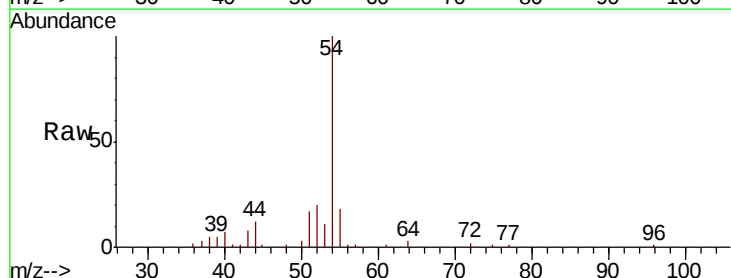
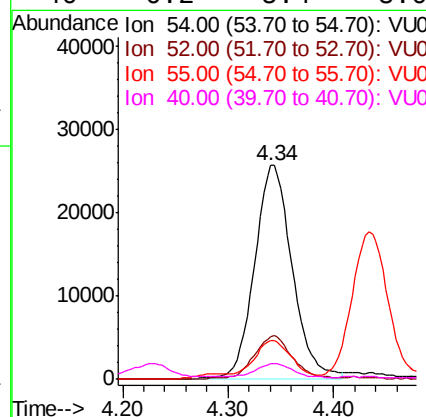
Ion Ratio Lower Upper

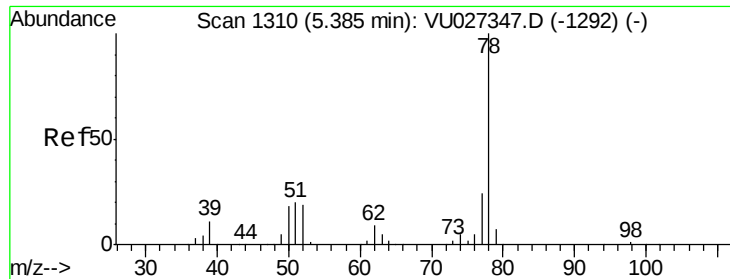
54 100

52 20.6 16.9 25.3

55 17.3 13.9 20.9

40 6.2 5.4 8.0





#35

Benzene

Concen: 9.958 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 78 Resp: 263386

Ion Ratio Lower Upper

78 100

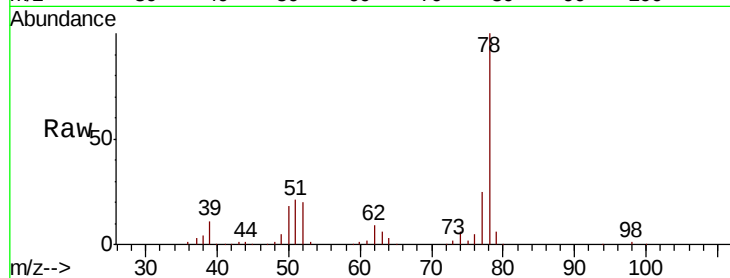
77 24.9 19.5 29.3

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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

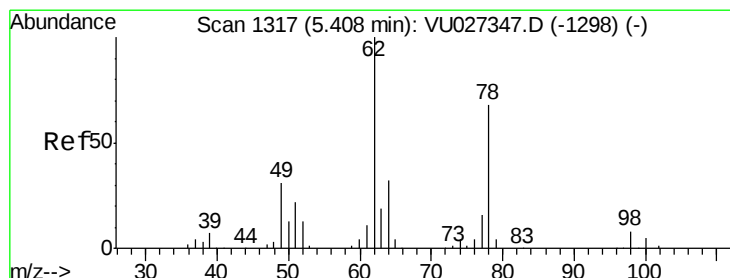
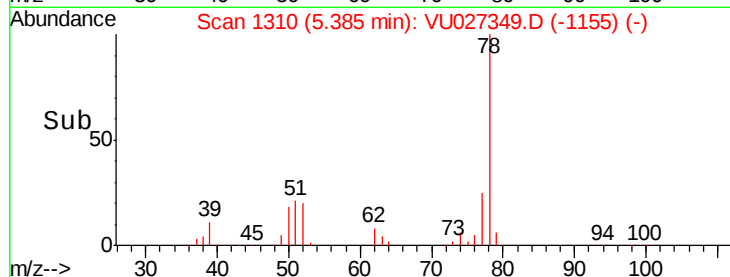
5.39

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.616 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU027349.D

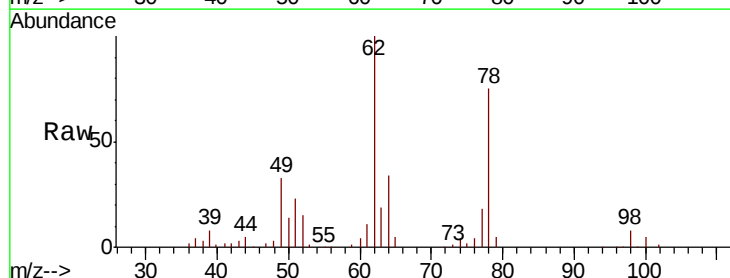
Acq: 02 Oct 2018 17:59

Tgt Ion: 62 Resp: 83381

Ion Ratio Lower Upper

62 100

98 7.7 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.41

40000

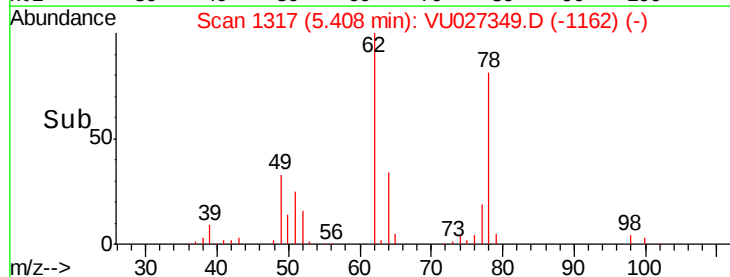
30000

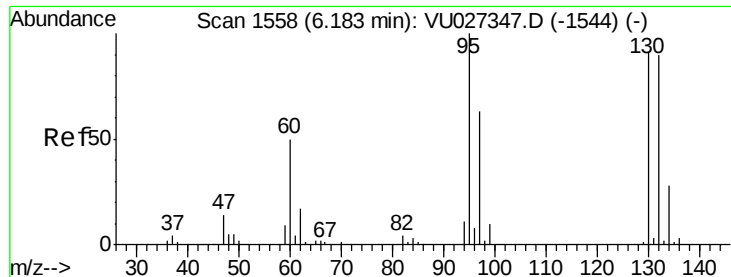
20000

10000

0

Time-->





#37

Trichloroethene

Concen: 9.996 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion:130 Resp: 58693

Ion Ratio Lower Upper

130 100

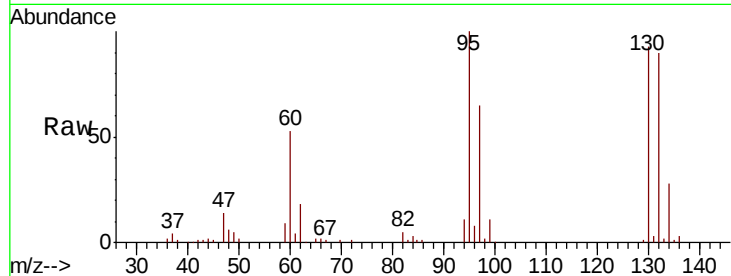
95 107.2 87.6 131.4

Manual Integrations

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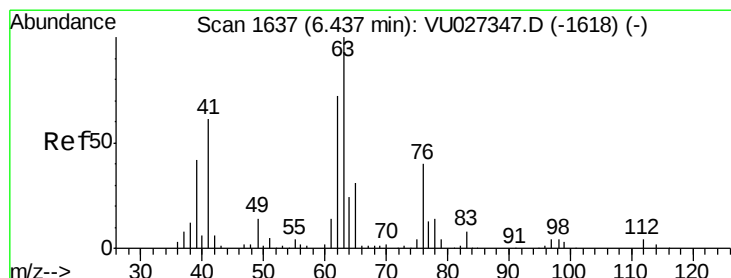
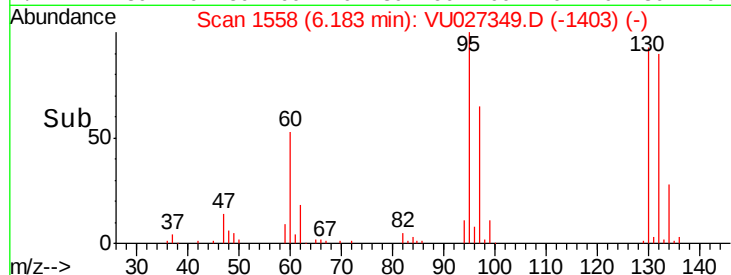
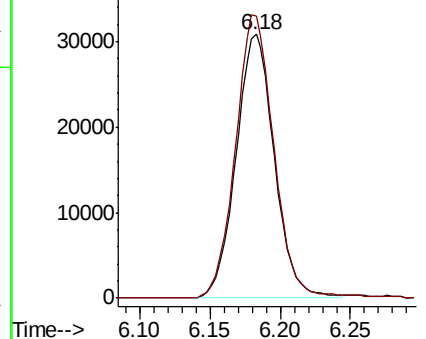
apatel

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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: 9.761 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VU027349.D

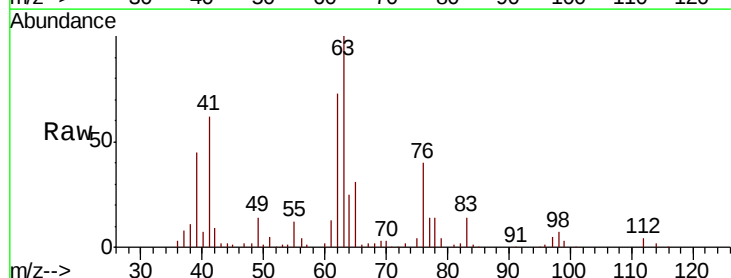
Acq: 02 Oct 2018 17:59

Tgt Ion: 63 Resp: 78054

Ion Ratio Lower Upper

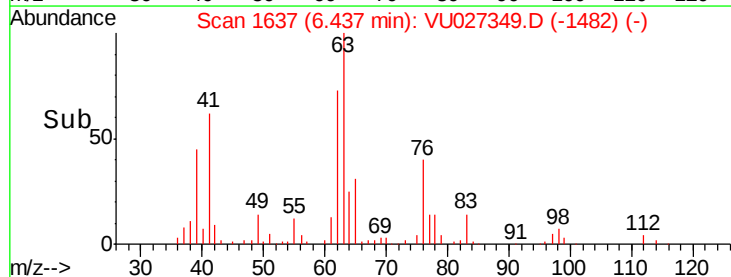
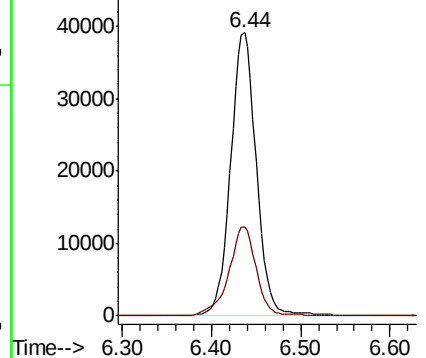
63 100

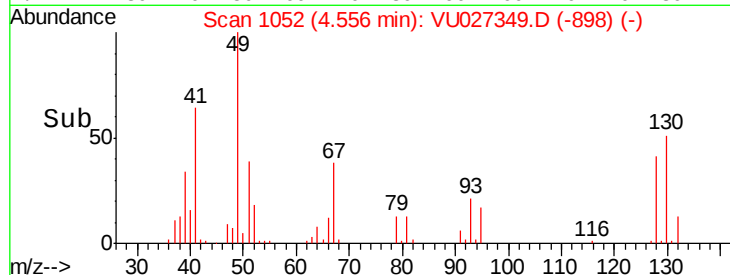
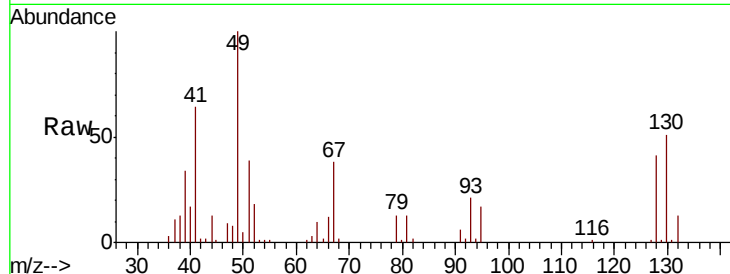
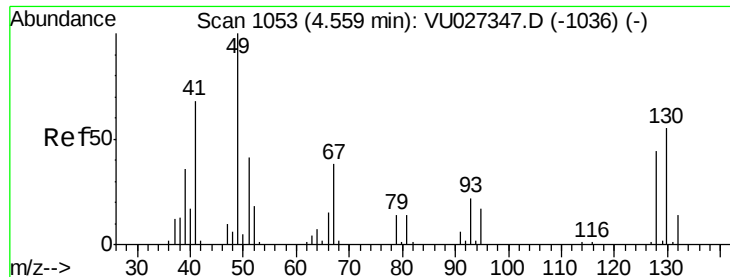
65 31.4 24.9 37.3



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

Ion 65.00 (64.70 to 65.70): VU027347.D (-1618) (-)





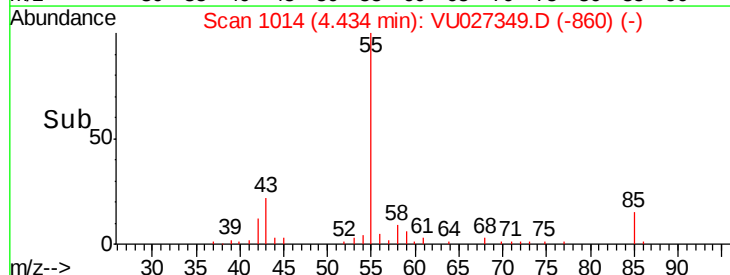
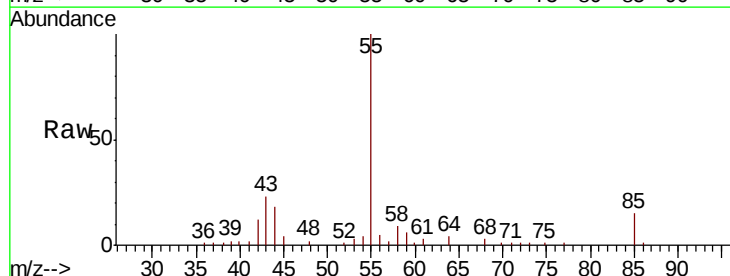
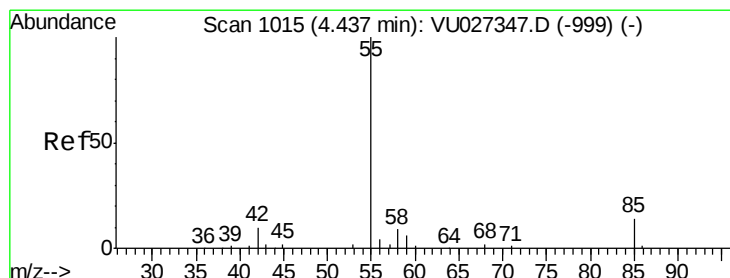
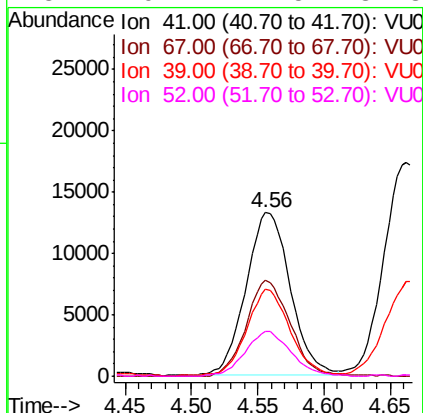
#39
Methacrylonitrile
Concen: 8.897 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
67	58.5	46.2	69.2	
39	51.2	43.8	65.6	
52	29.1	21.5	32.3	

Instrument :
MSVOA_U
ClientSampled :
ICVVU100318

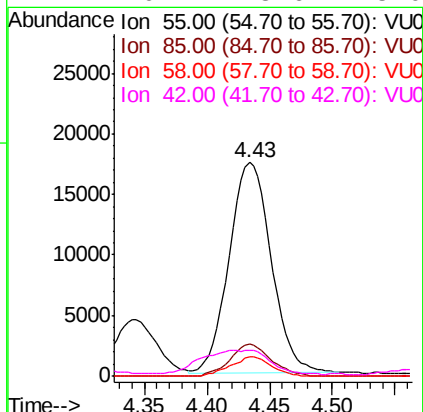
Manual Integrations
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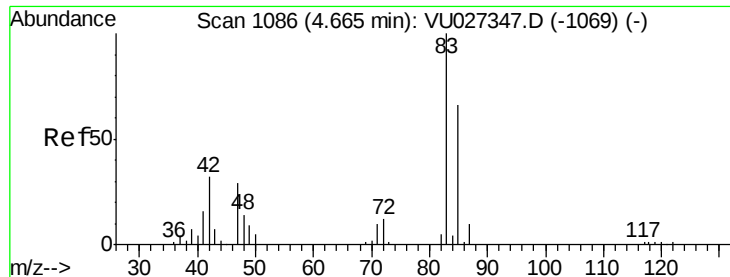
apatel
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#40
Methyl acrylate
Concen: 9.298 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ion	Ratio	Lower	Upper
55	100			
85	14.5	11.8	17.8	
58	8.6	7.3	10.9	
42	10.1	8.6	13.0	





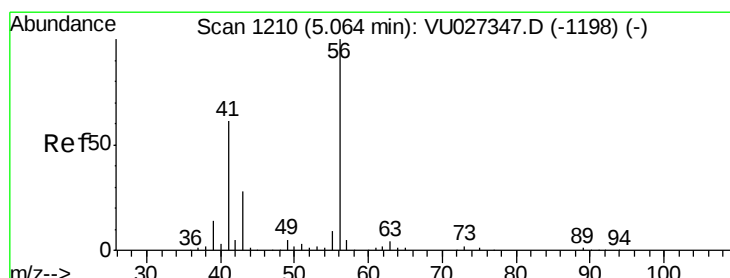
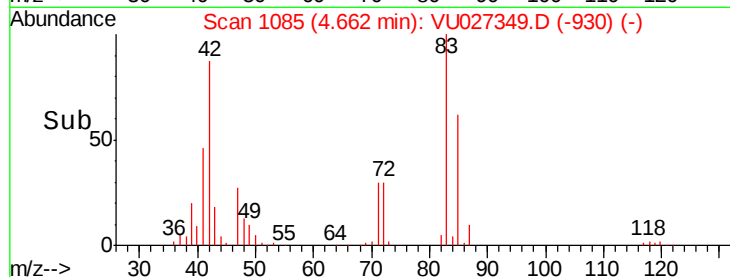
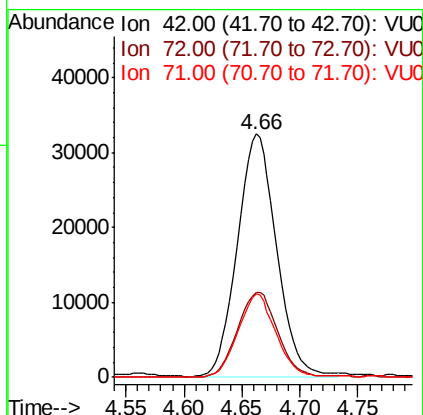
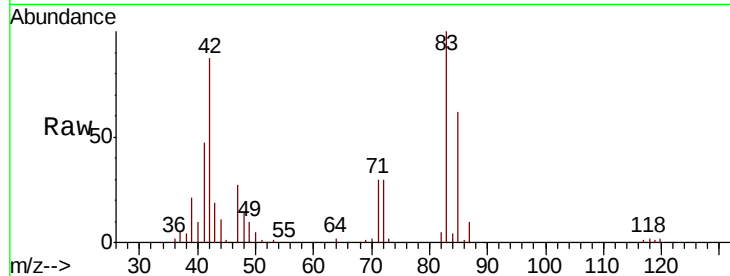
#41
Tetrahydrofuran
Concen: 45.598 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.8	29.2	43.8
71	33.5	25.8	38.8

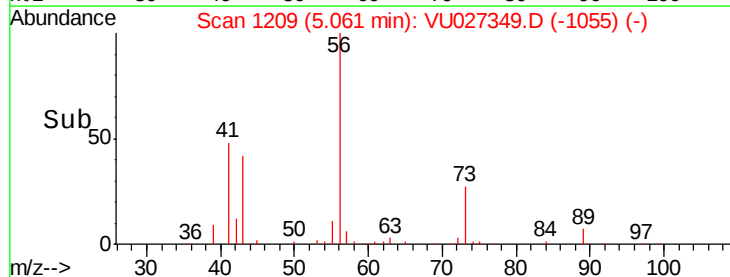
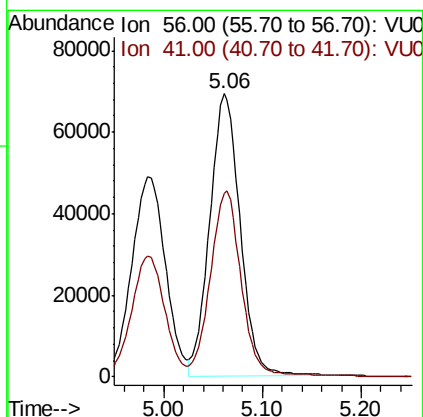
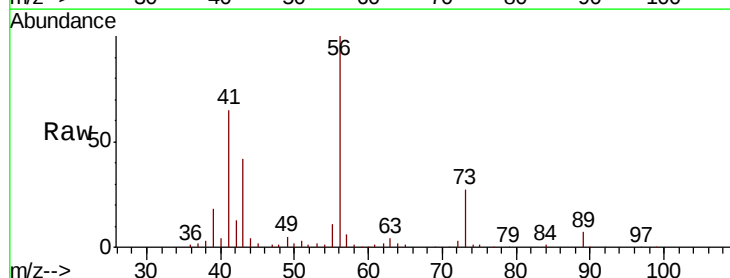
Manual Integrations
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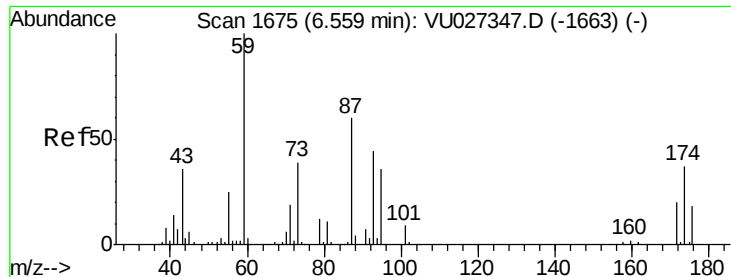
apatel
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#42
1-Chlorobutane
Concen: 10.197 ug/l
RT: 5.06 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
56	100		
41	66.6	28.7	86.3





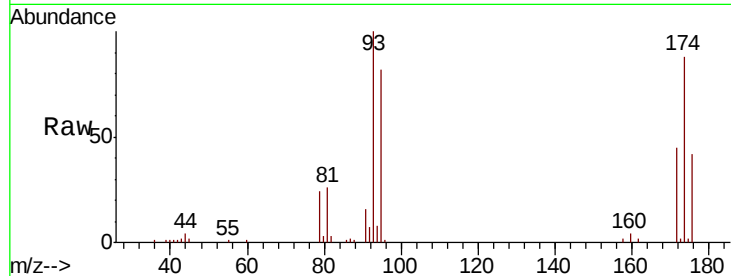
#43
Dibromomethane
Concen: 9.979 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

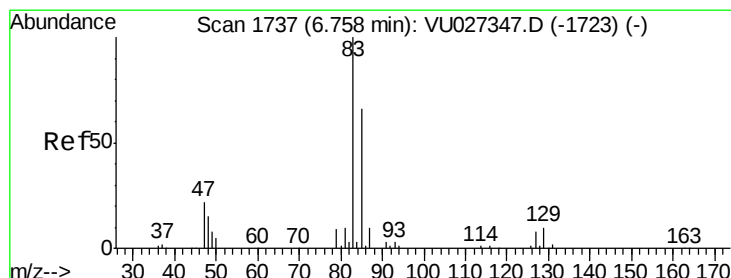
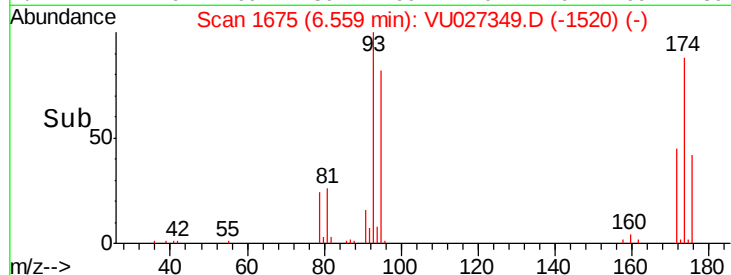
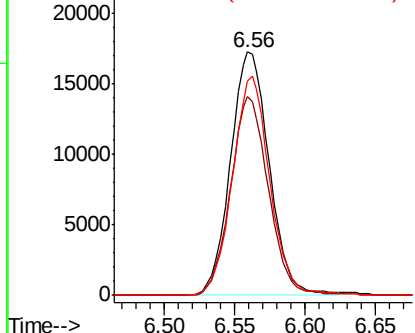
Tot Ion	Ratio	Lower	Upper
93	100		
95	79.5	64.7	97.1
174	86.7	68.2	102.4

Manual Integrations
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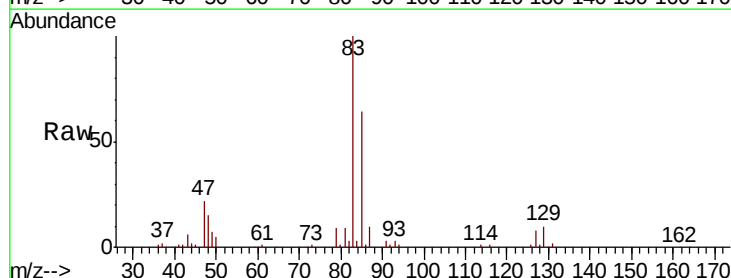


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

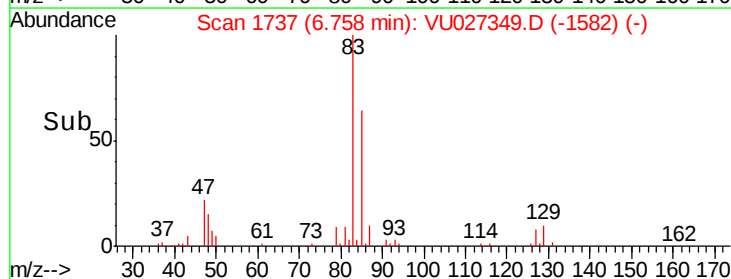
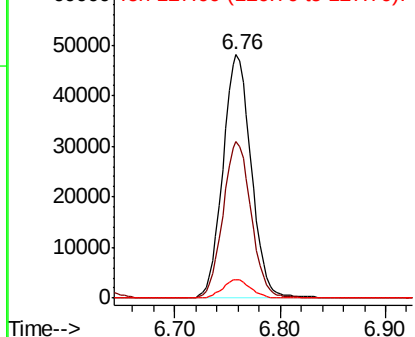


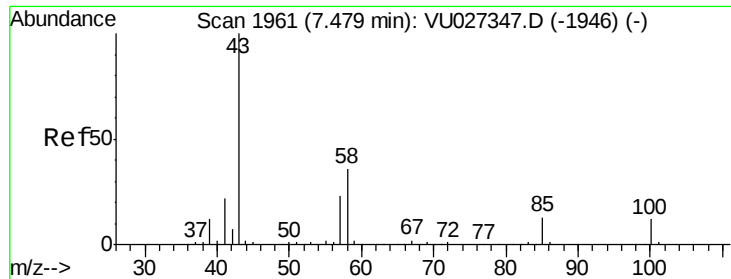
#44
Bromodichloromethane
Concen: 9.900 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	79.0
127	7.8	6.2	9.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





#45

4-Methyl-2-Pentanone

Concen: 51.231 ug/l

RT: 7.48 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

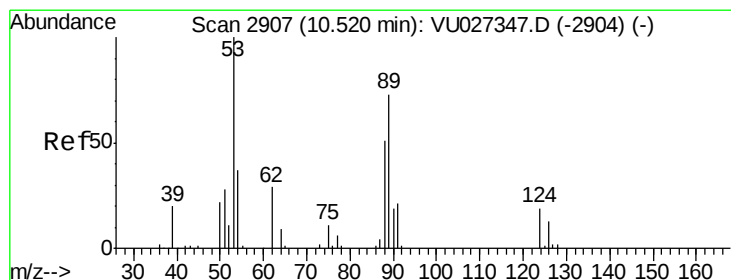
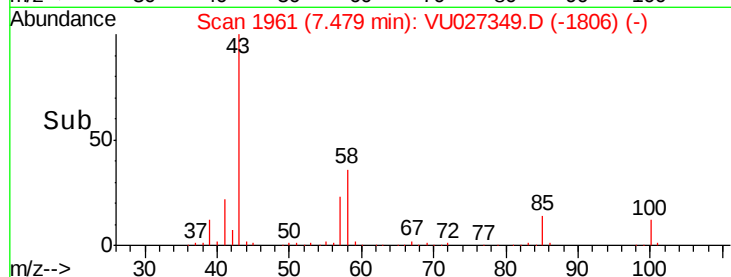
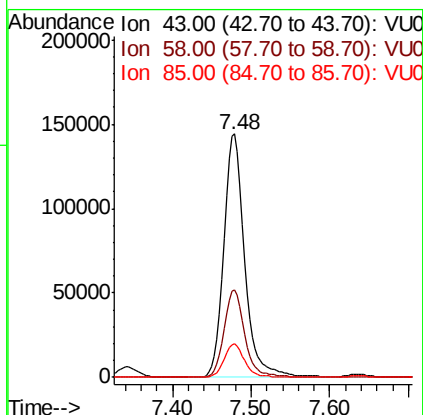
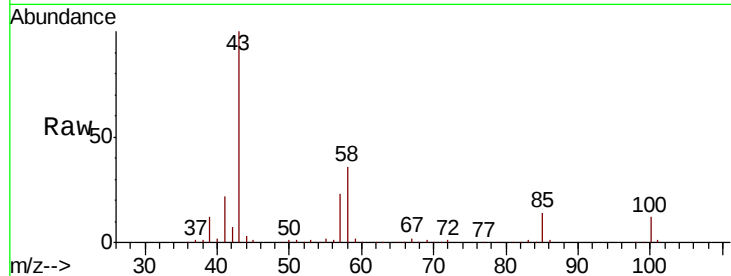
ClientSampleId :

ICVVU100318

Tot Ion:	43	Resp:	262439
Ion	Ratio	Lower	Upper
43	100		
58	35.9	17.9	53.8
85	13.7	10.6	16.0

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#46

t-1,4-Dichloro-2-butene

Concen: 13.613 ug/l m

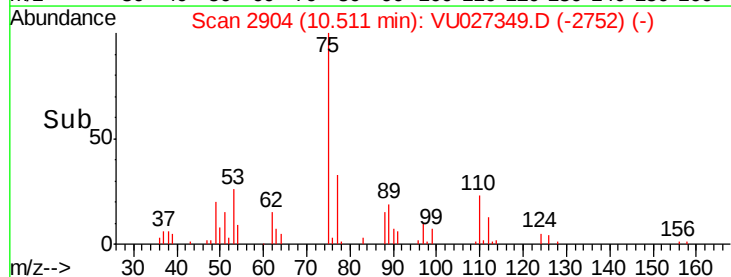
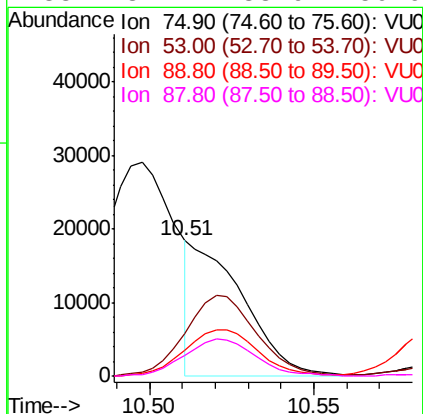
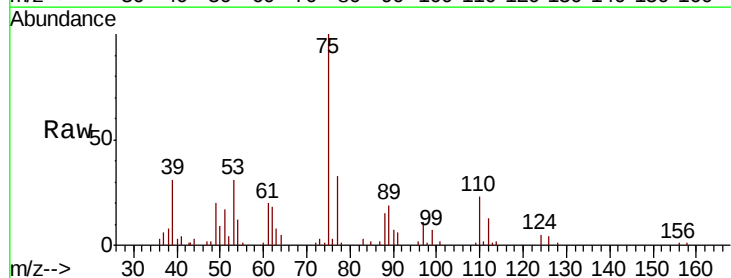
RT: 10.51 min Scan# 2904

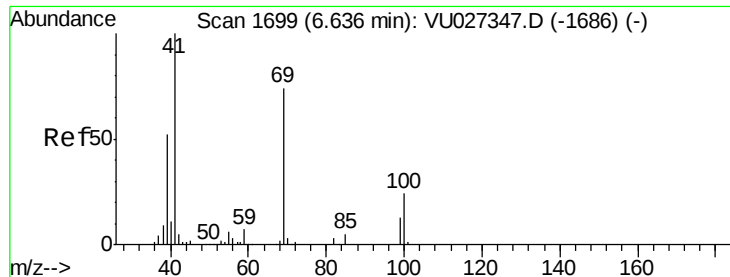
Delta R.T. -0.01 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion:	75	Resp:	20218
Ion	Ratio	Lower	Upper
75	100		
53	81.5	75.7	113.5
89	48.1	42.6	64.0
88	37.1	33.9	50.9





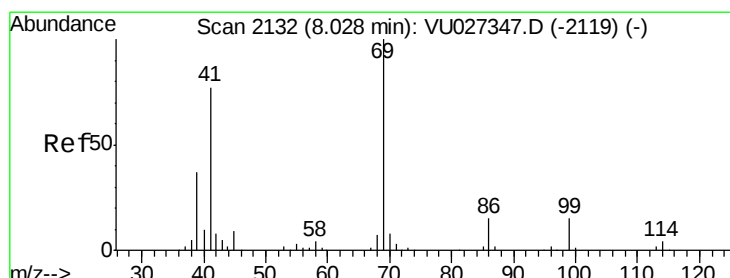
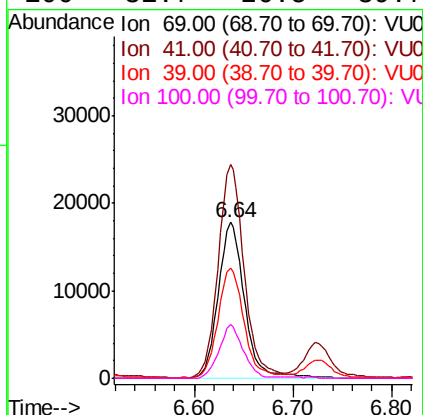
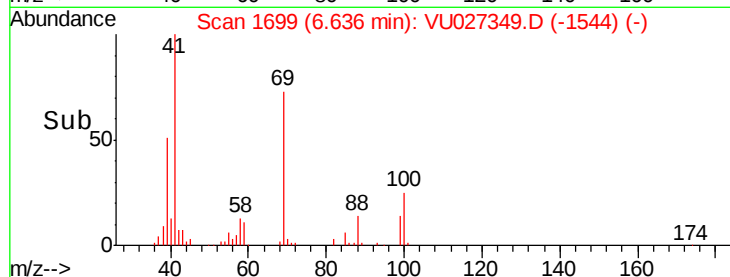
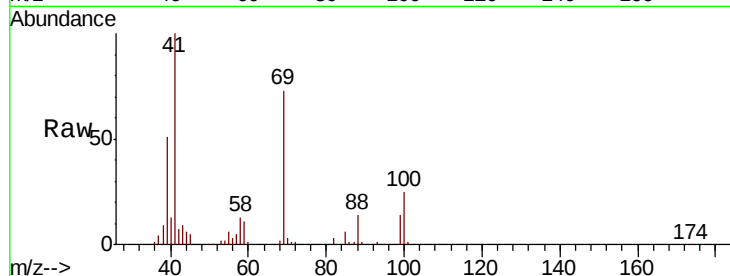
#47
Methyl methacrylate
Concen: 9.987 ug/l
RT: 6.64 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	134.8	0.0	272.2		
39	70.5	56.4	84.6		
100	31.7	26.5	39.7		

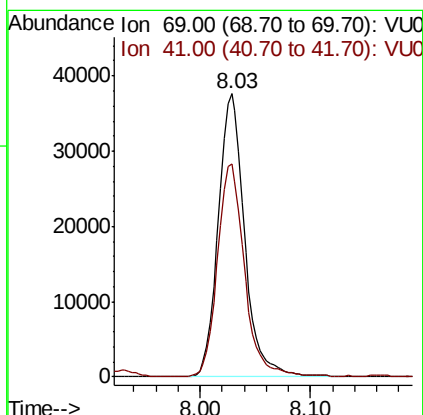
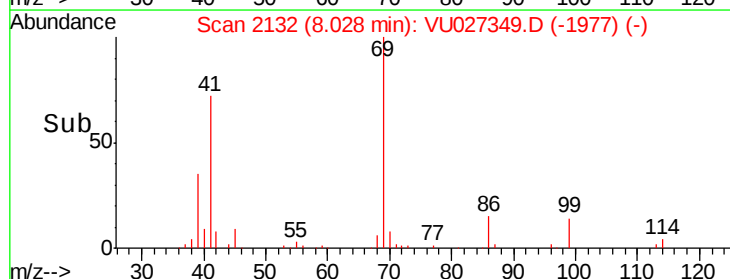
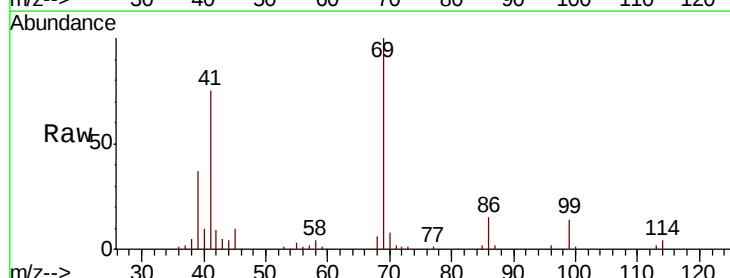
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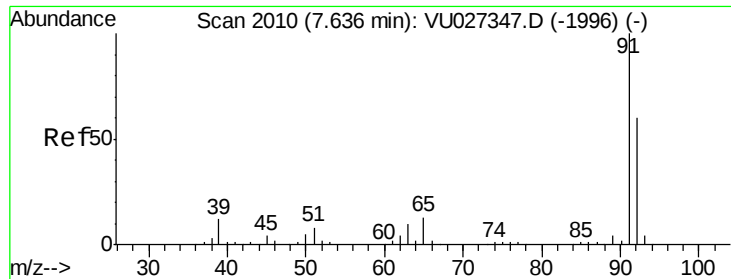
apatel
10/5/2018 11:56:36 AM



#48
Ethyl methacrylate
Concen: 10.661 ug/l
RT: 8.03 min Scan# 2132
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

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





#49

Toluene

Concen: 10.623 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 92 Resp: 153619

Ion Ratio Lower Upper

92 100

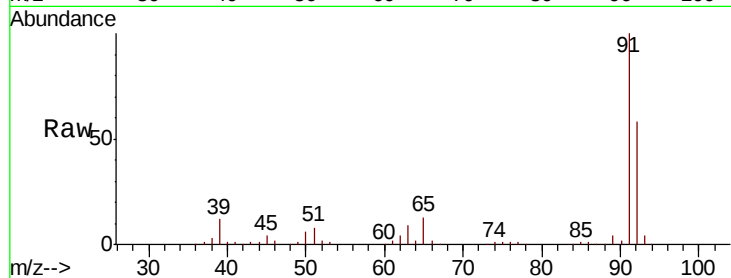
91 172.6 136.4 204.6

Manual Integrations

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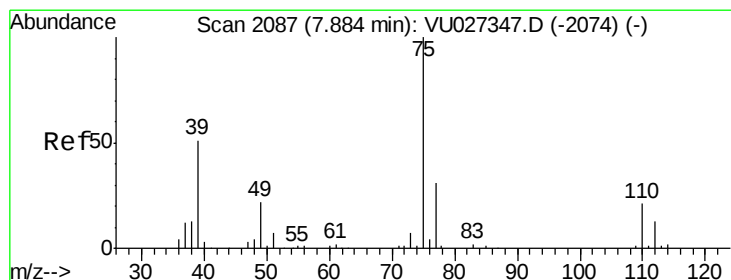
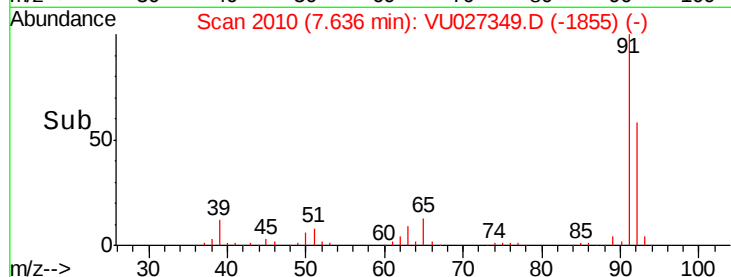
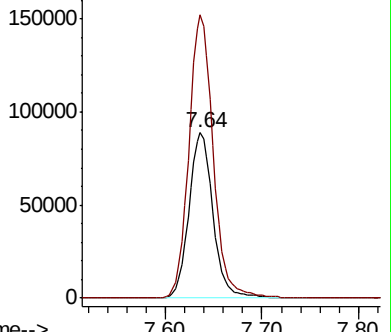
apatel

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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 10.915 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027349.D

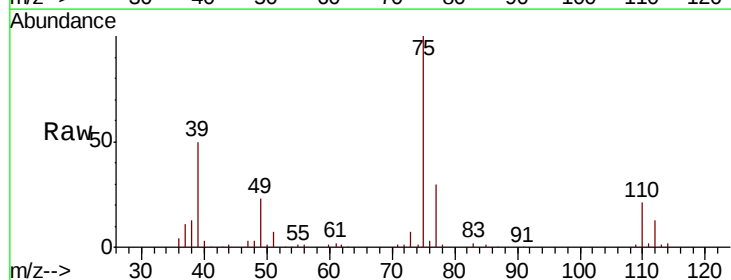
Acq: 02 Oct 2018 17:59

Tgt Ion: 75 Resp: 87513

Ion Ratio Lower Upper

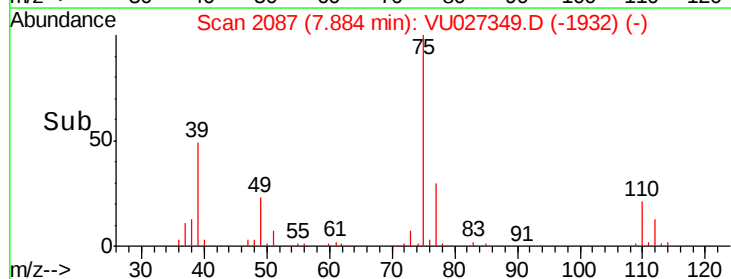
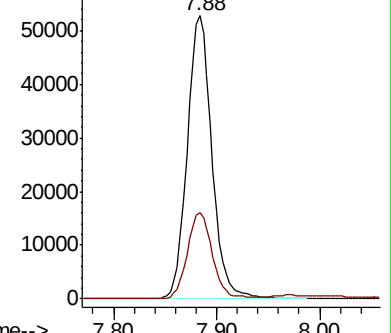
75 100

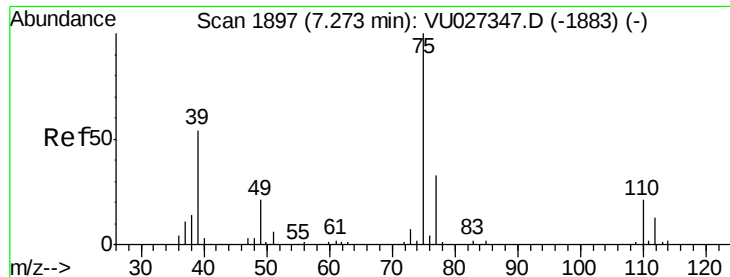
77 30.4 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





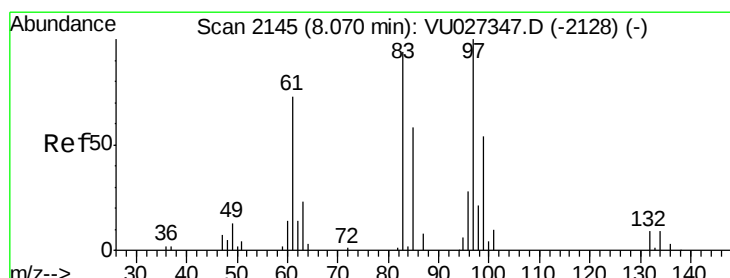
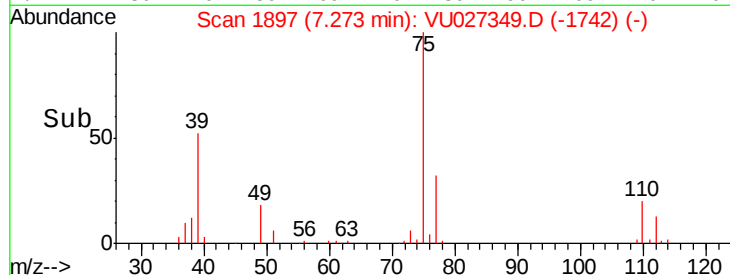
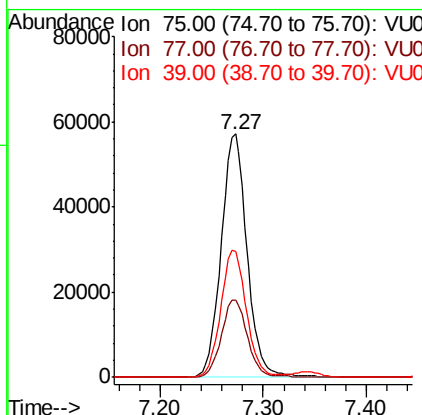
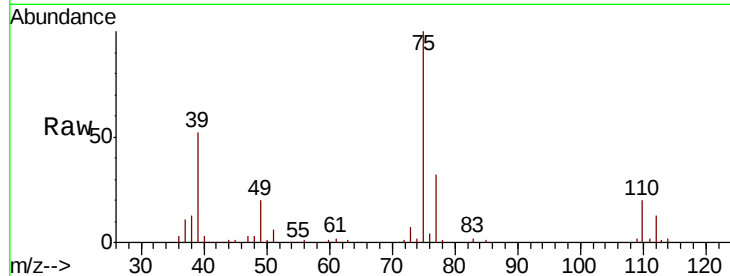
#51
 cis-1,3-Dichloropropene
 Concen: 10.377 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion:	75	Resp:	99687
Ion Ratio	Lower	Upper	
75	100		
77	31.6	26.1	39.1
39	51.9	43.1	64.7

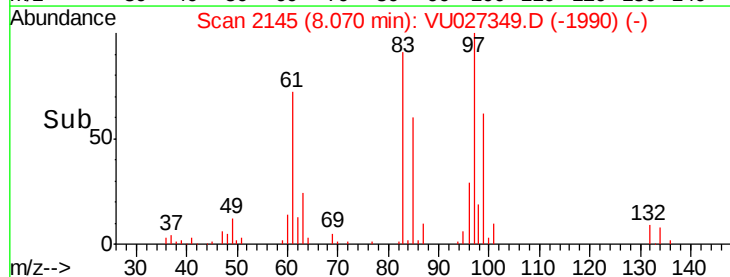
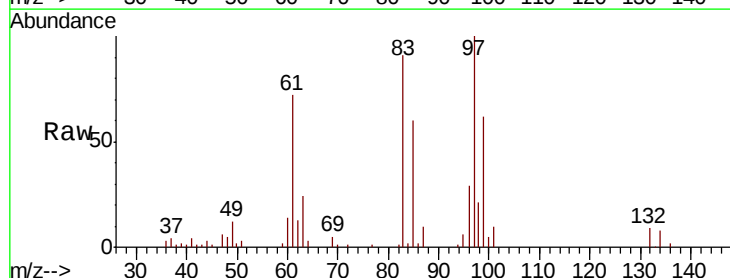
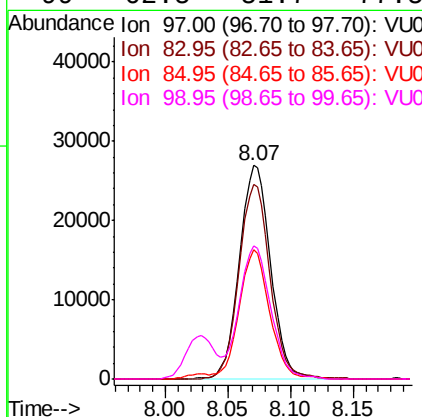
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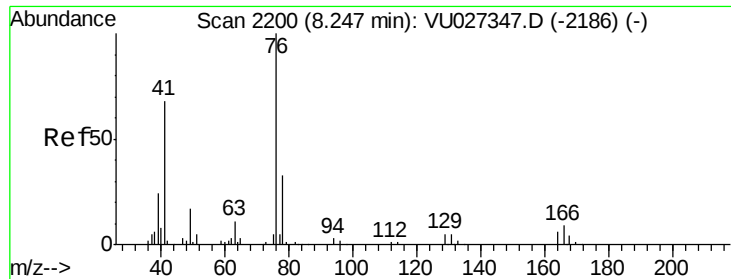
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#52
 1,1,2-Trichloroethane
 Concen: 9.999 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion:	97	Resp:	46819
Ion Ratio	Lower	Upper	
97	100		
83	91.0	75.3	112.9
85	60.3	47.3	70.9
99	62.5	51.7	77.5





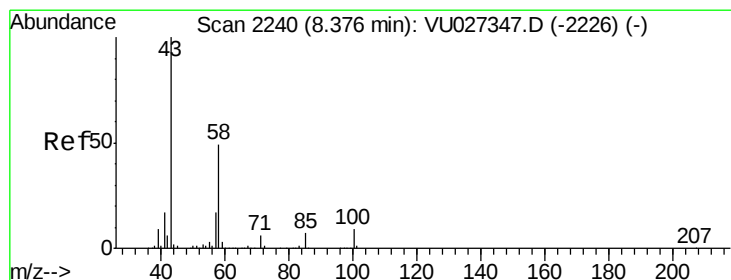
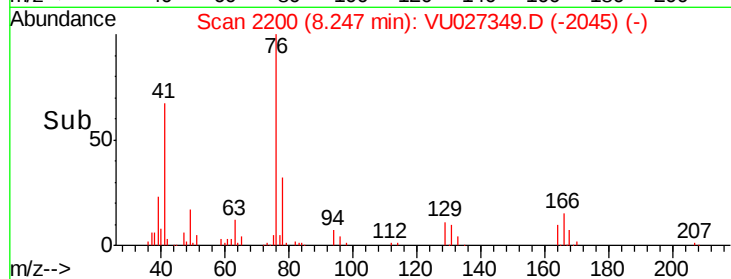
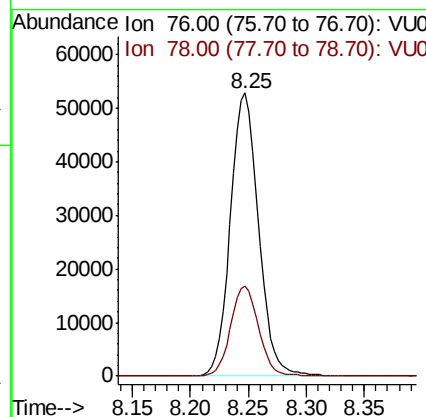
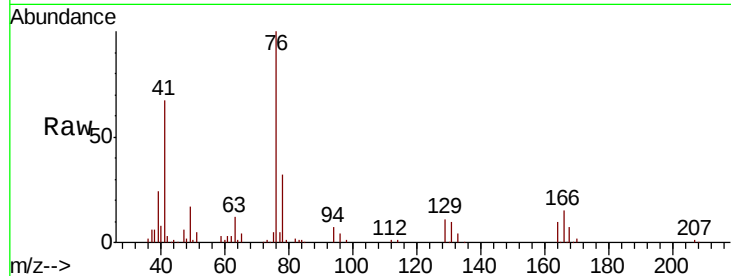
#53
 1,3-Dichloropropane
 Concen: 10.028 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.7	38.5

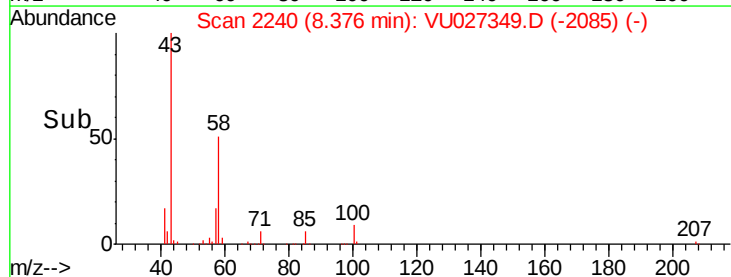
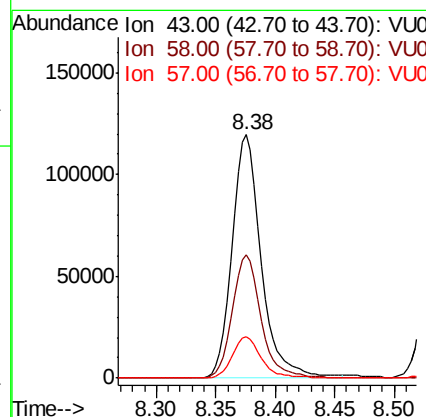
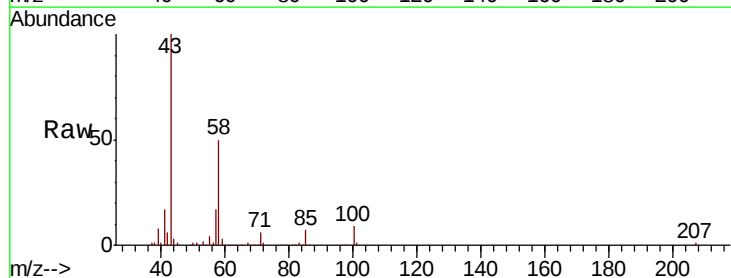
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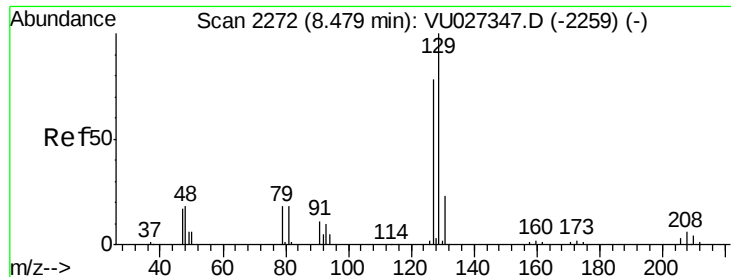
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#54
 2-Hexanone
 Concen: 57.104 ug/l
 RT: 8.38 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.1	29.5	69.5
57	17.0	0.0	37.0





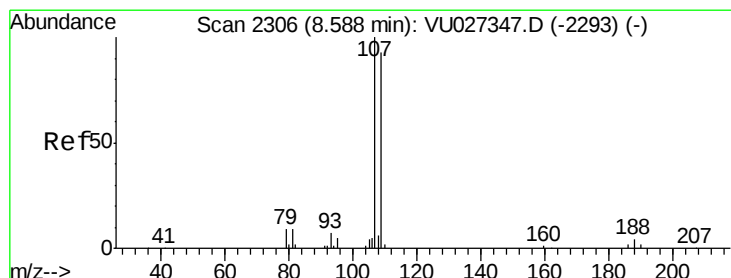
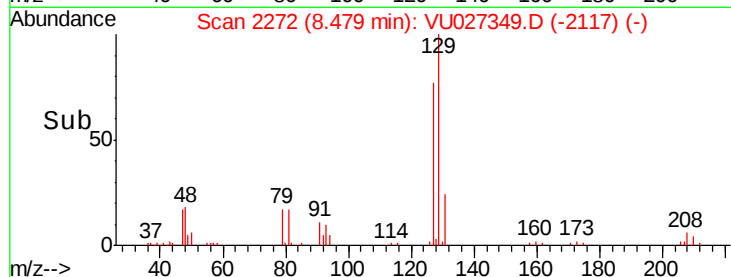
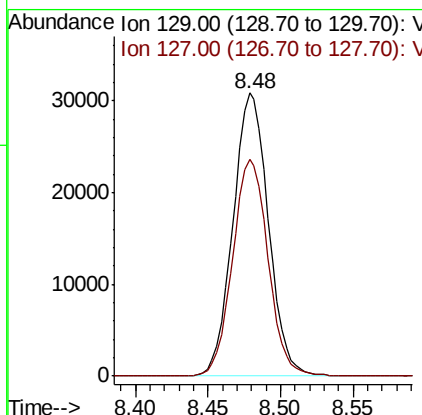
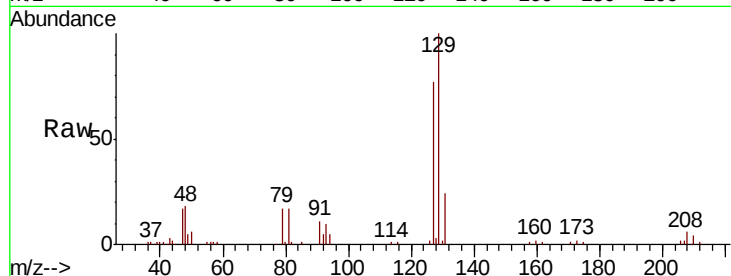
#55
 Dibromochloromethane
 Concen: 10.094 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.7	61.8	92.8

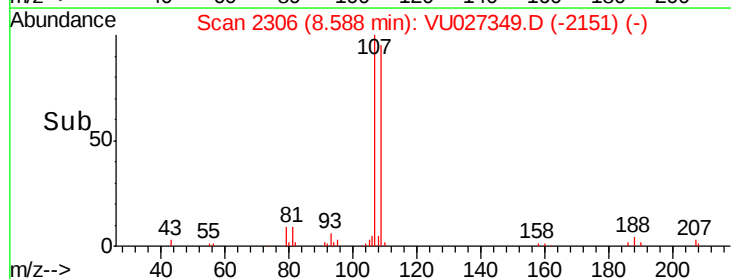
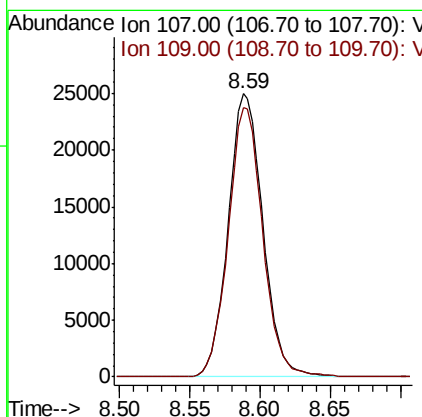
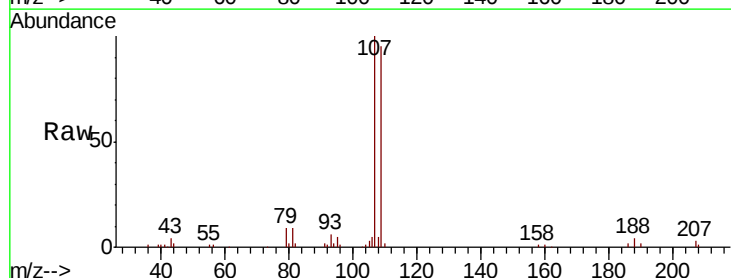
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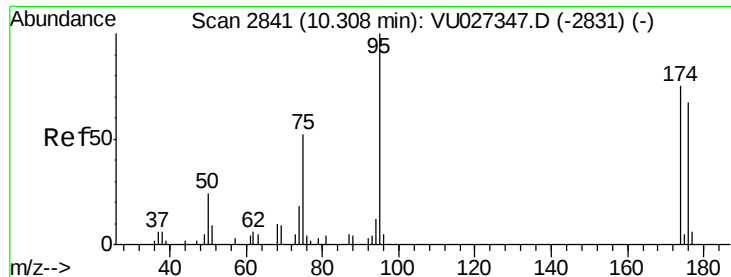
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#56
 1,2-Dibromoethane
 Concen: 10.369 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.7	0.0	191.2





#57

4-Bromofluorobenzene

Concen: 10.369 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

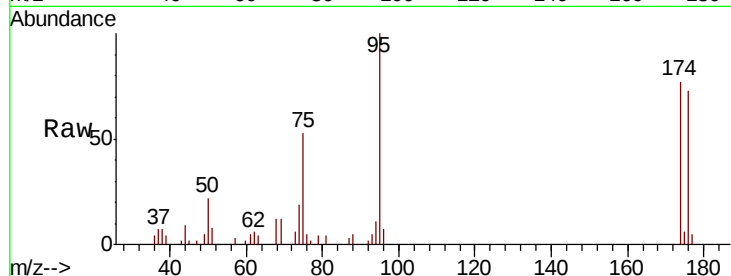
ClientSampleId :

ICVVU100318

Tot Ion:	95	Resp:	9157
Ion	Ratio	Lower	Upper
95	100		
174	75.4	61.0	91.6
176	69.9	57.2	85.8

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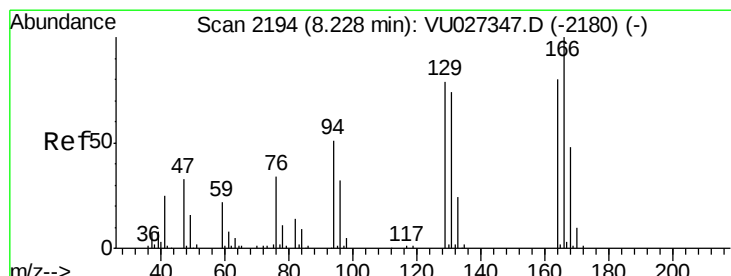
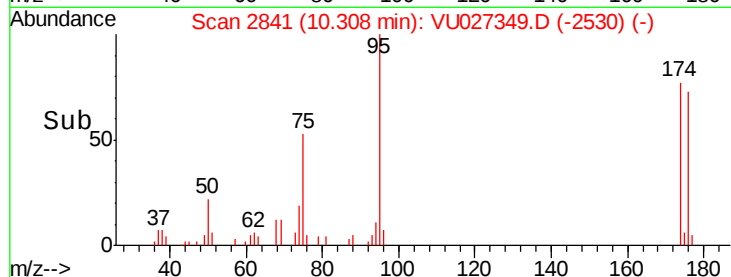
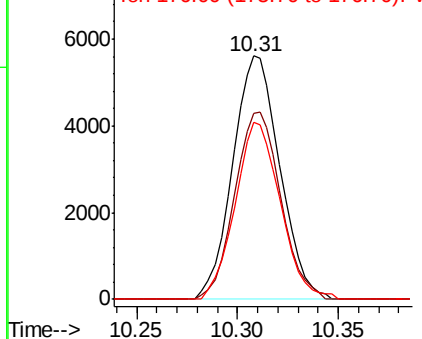


Abundance

Ion 95.00 (94.70 to 95.70): VU027349.D (-2039) (-)

Ion 174.00 (173.70 to 174.70): VU027349.D (-2039) (-)

Ion 176.00 (175.70 to 176.70): VU027349.D (-2039) (-)



#58

Tetrachloroethene

Concen: 10.123 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion:	164	Resp:	52696
Ion	Ratio	Lower	Upper
164	100		
166	125.8	99.9	149.9
129	97.7	78.6	117.8
131	93.2	73.6	110.4

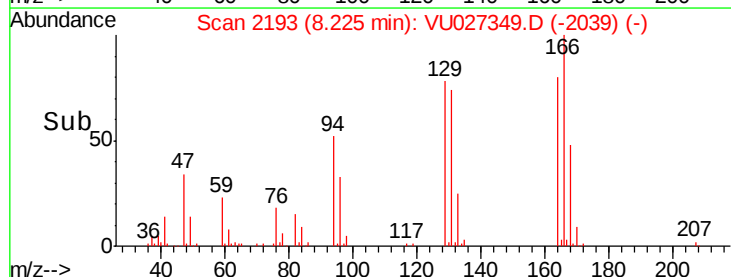
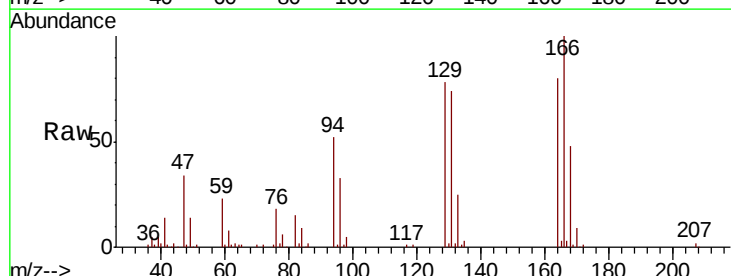
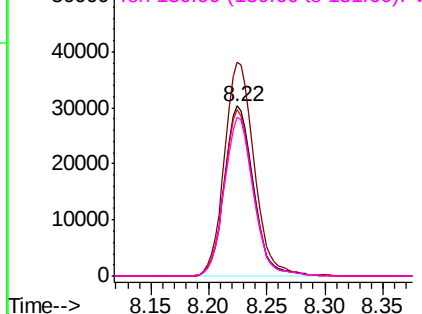
Abundance

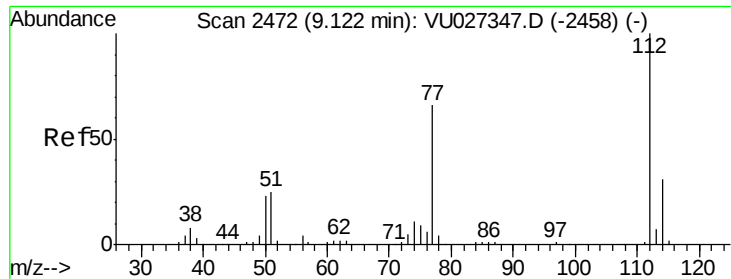
Ion 163.85 (163.55 to 164.55): VU027349.D (-2039) (-)

Ion 165.80 (165.50 to 166.50): VU027349.D (-2039) (-)

Ion 128.90 (128.60 to 129.60): VU027349.D (-2039) (-)

Ion 130.90 (130.60 to 131.60): VU027349.D (-2039) (-)





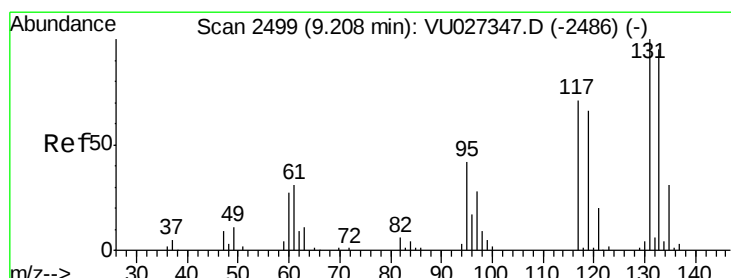
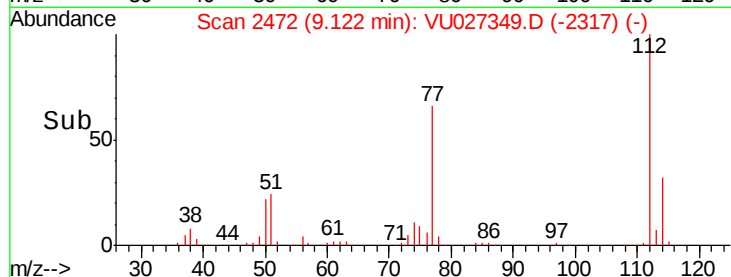
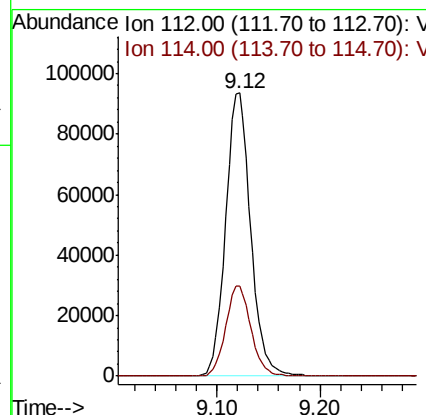
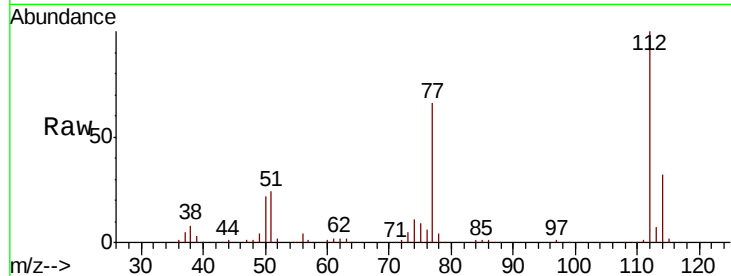
#59
Chlorobenzene
Concen: 10.463 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion:112 Resp: 157814
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

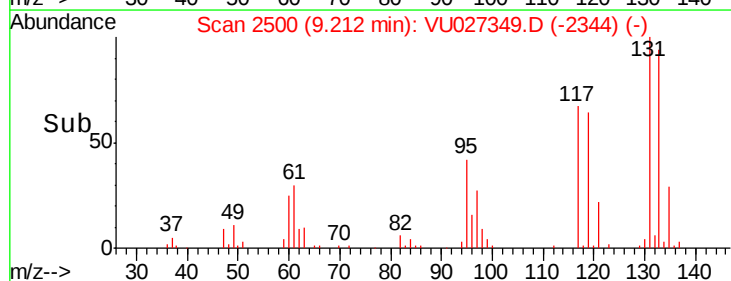
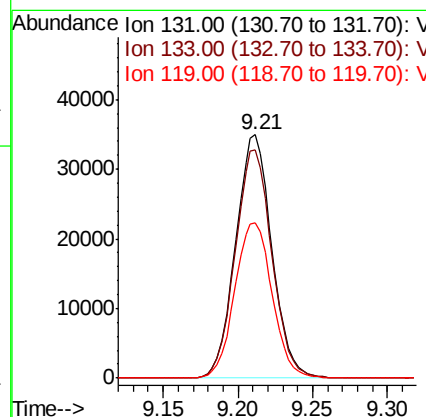
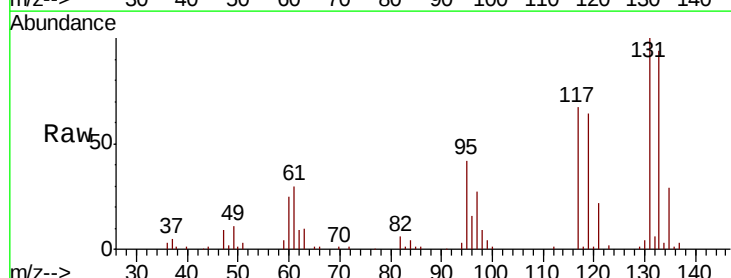
Manual Integrations
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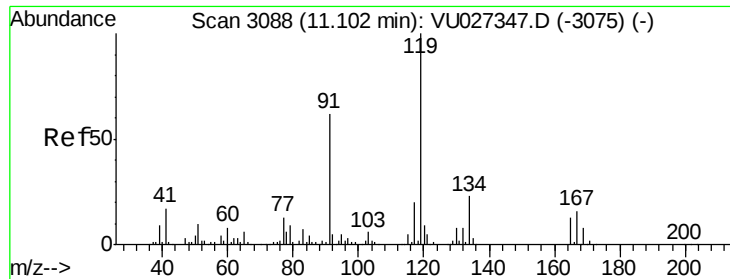
apatel
10/5/2018 11:56:36 AM



#60
1,1,1,2-Tetrachloroethane
Concen: 10.153 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion:131 Resp: 58870
Ion Ratio Lower Upper
131 100
133 94.9 77.1 115.7
119 65.9 53.6 80.4





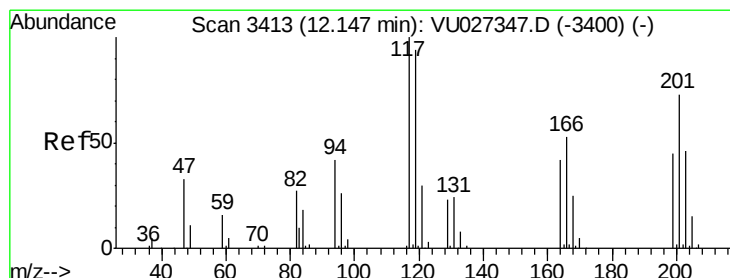
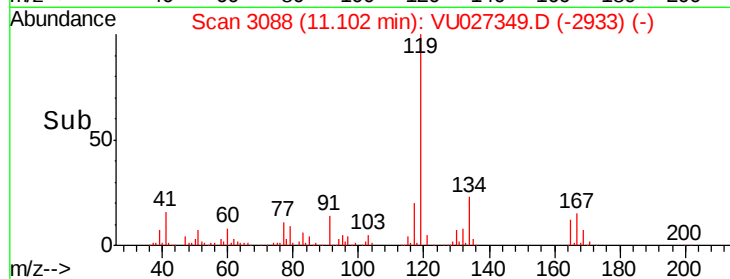
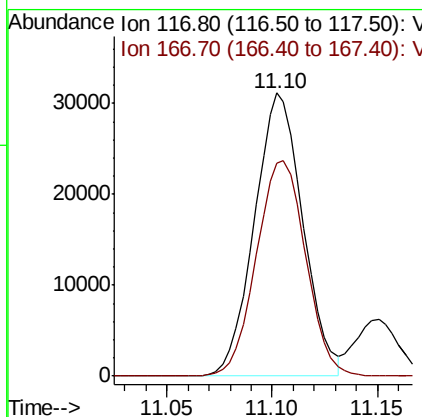
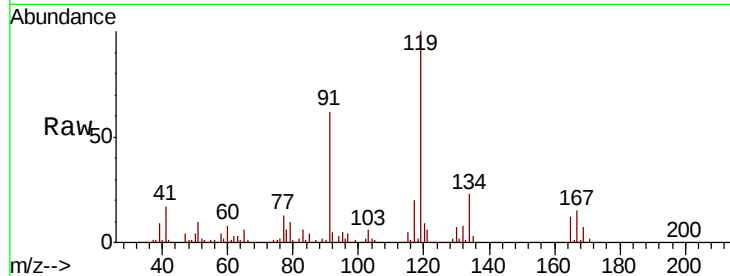
#61
 Pentachloroethane
 Concen: 10.388 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
117	100		
167	77.5	62.6	93.8

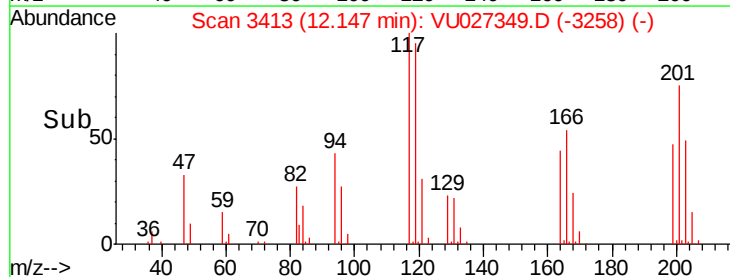
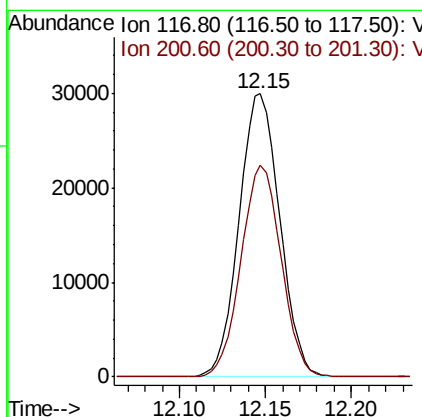
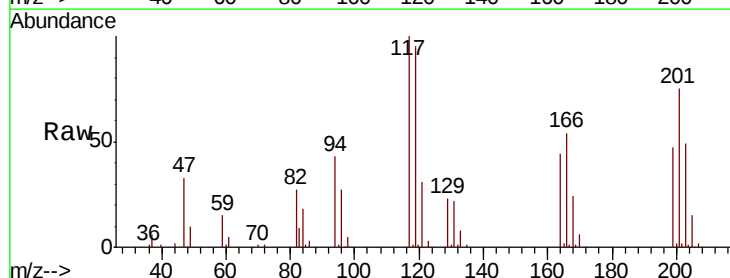
Manual Integrations
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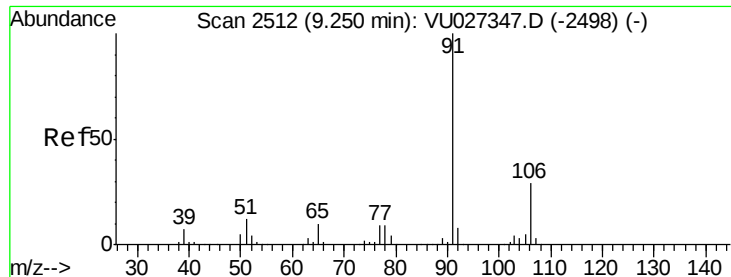
apatel
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#62
 Hexachloroethane
 Concen: 10.800 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	59.3	88.9





#63

Ethyl Benzene

Concen: 11.297 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 91 Resp: 292478

Ion Ratio Lower Upper

91 100

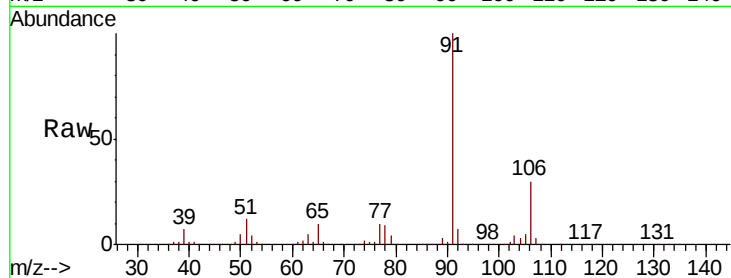
106 29.6 23.6 35.4

Manual Integrations

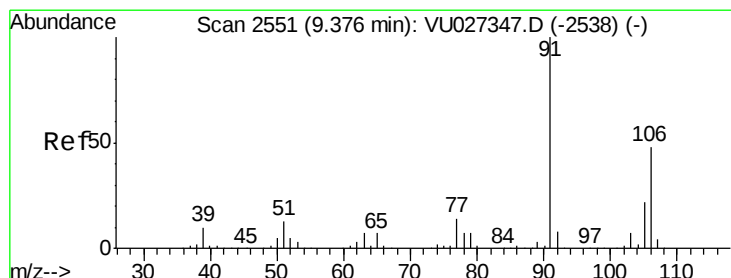
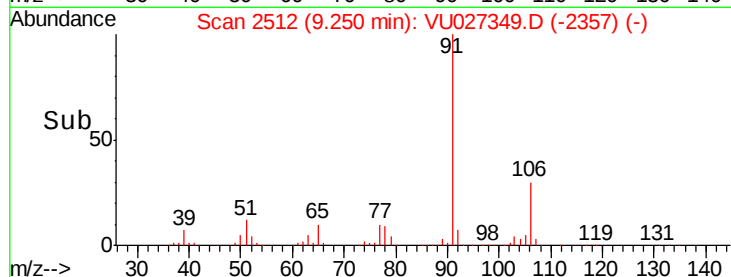
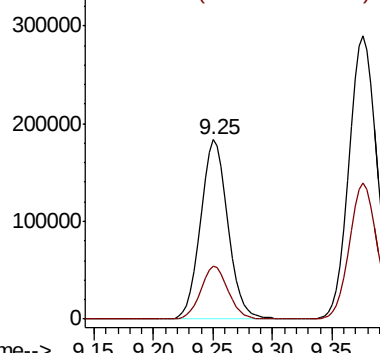
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Abundance Ion 91.00 (90.70 to 91.70): VU027349.D (-2357) (-)



#64

m/p-Xylenes

Concen: 23.269 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VU027349.D

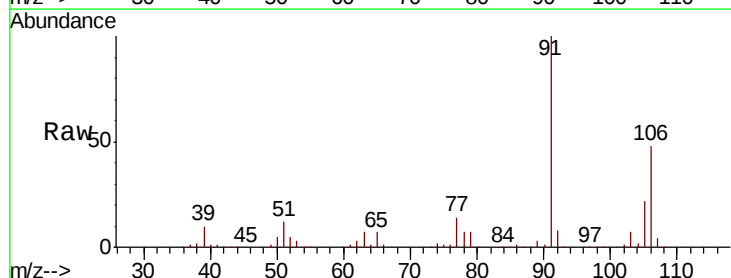
Acq: 02 Oct 2018 17:59

Tgt Ion: 106 Resp: 225864

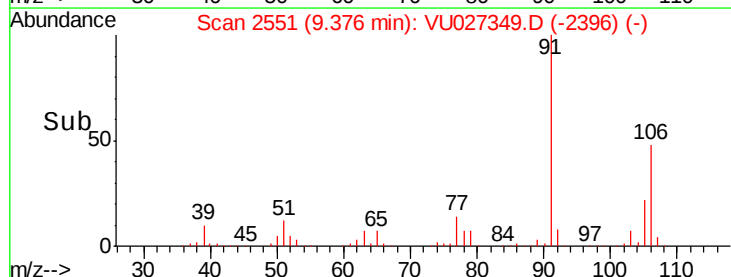
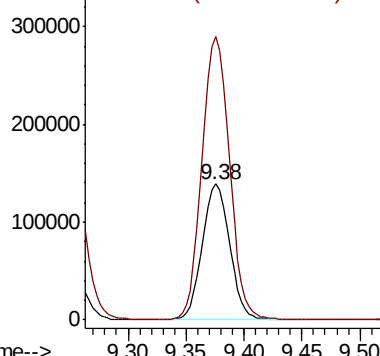
Ion Ratio Lower Upper

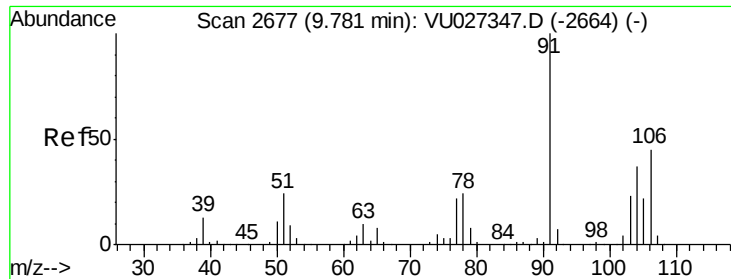
106 100

91 210.7 169.8 254.8



Abundance Ion 106.00 (105.70 to 106.70): VU027349.D (-2396) (-)





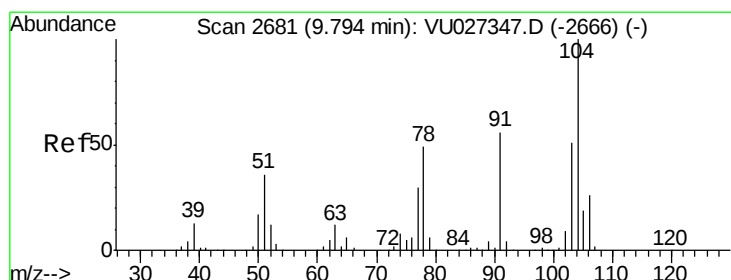
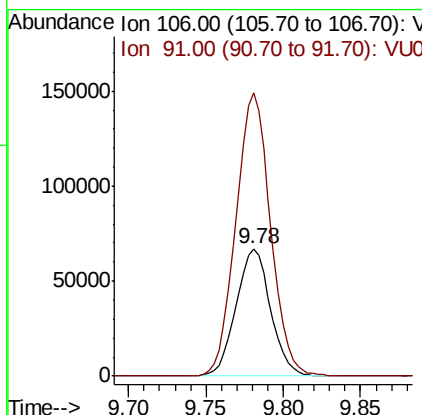
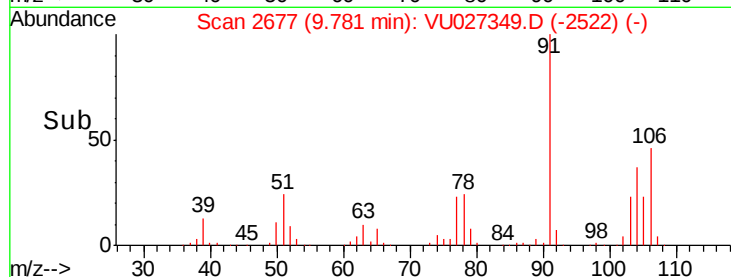
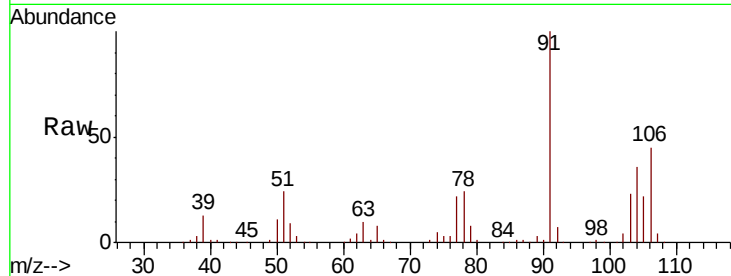
#65
o-Xylene
Concen: 11.258 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion:106 Resp: 103732
Ion Ratio Lower Upper
106 100
91 224.2 111.1 333.2

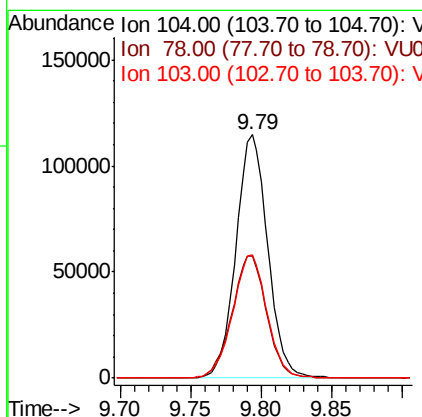
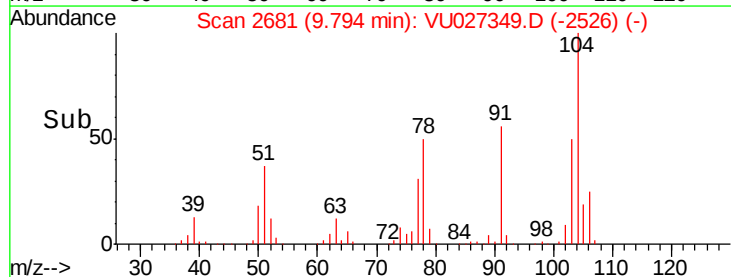
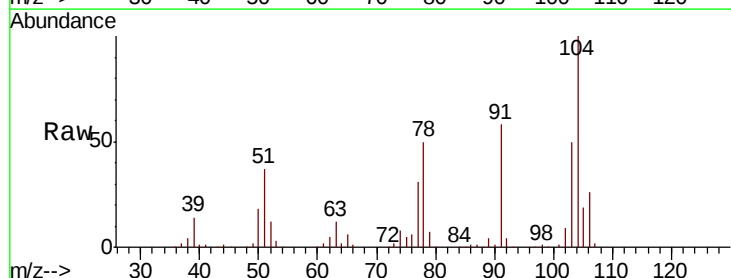
Manual Integrations
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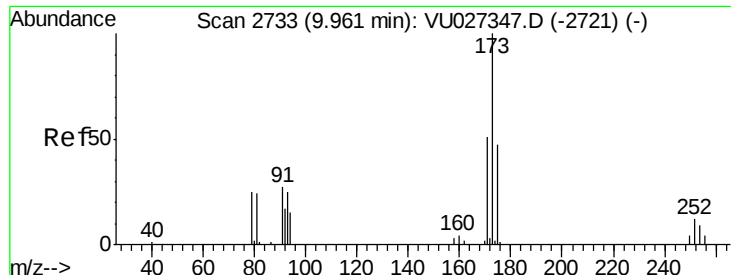
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#66
Styrene
Concen: 11.224 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion:104 Resp: 181512
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 54.5 43.8 65.8





#67

Bromoform

Concen: 10.196 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

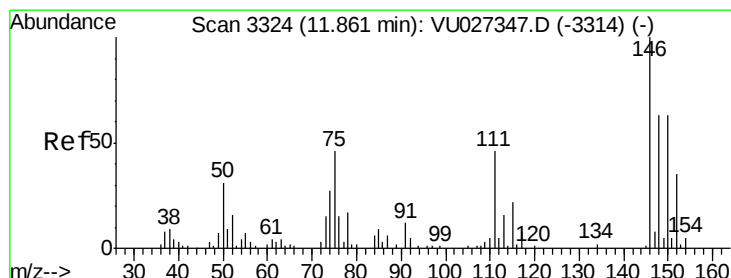
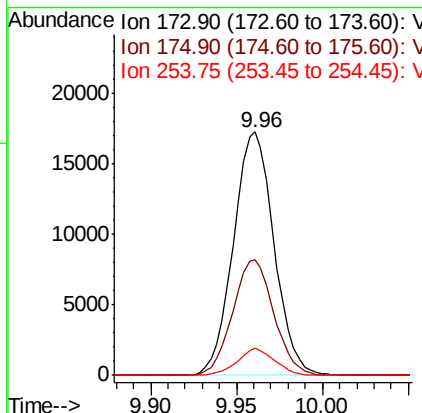
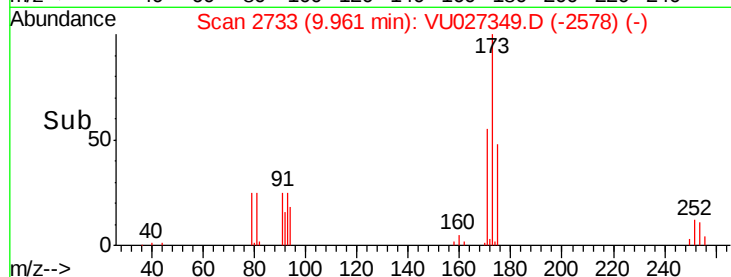
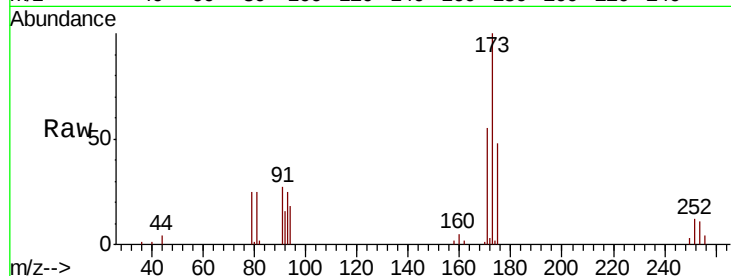
ClientSampleId :

ICVVU100318

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.2	57.4
254	10.1	7.7	11.5

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#68

1,2-Dichlorobenzene-d4

Concen: 10.196 ug/l

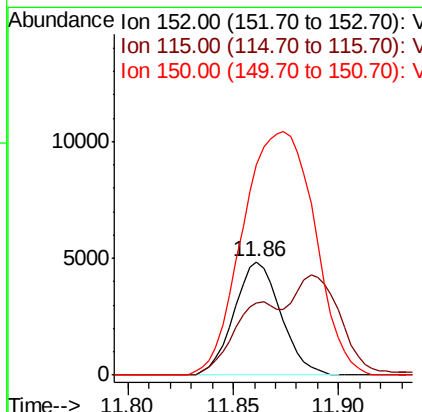
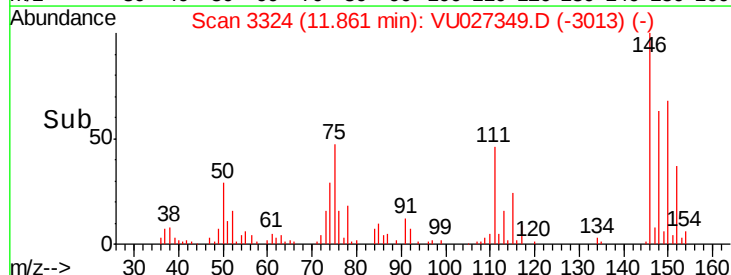
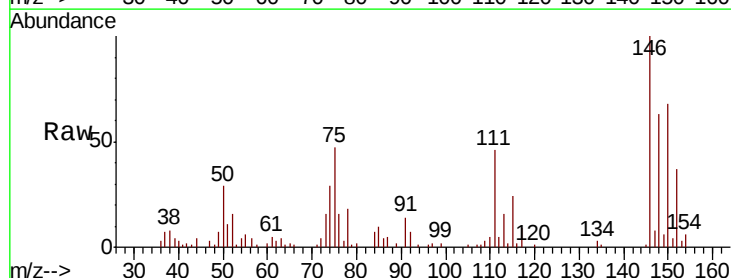
RT: 11.86 min Scan# 3324

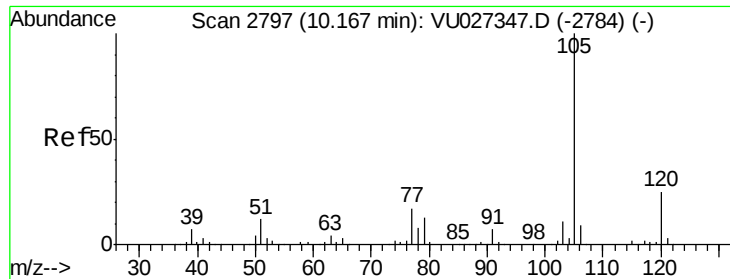
Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.9	0.0	131.6
150	0.0	0.0	0.0





#69

Isopropylbenzene

Concen: 12.087 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion: 105 Resp: 293689

Ion Ratio Lower Upper

105 100

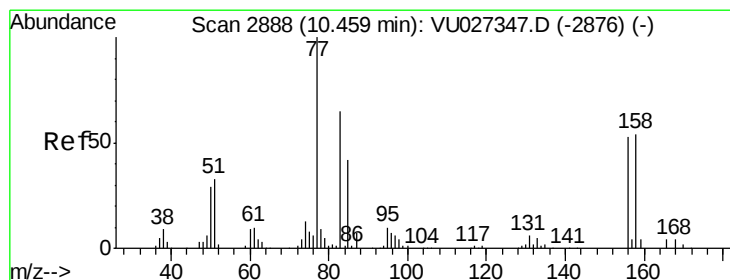
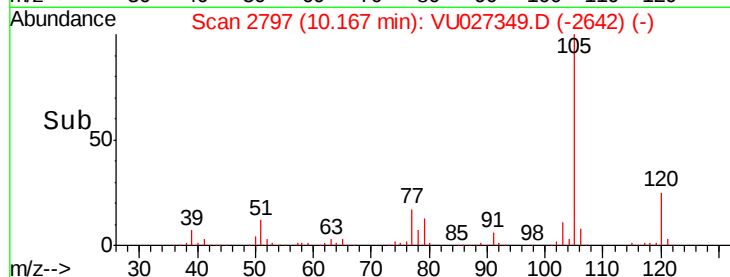
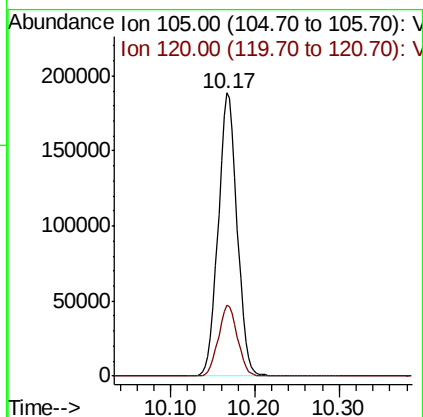
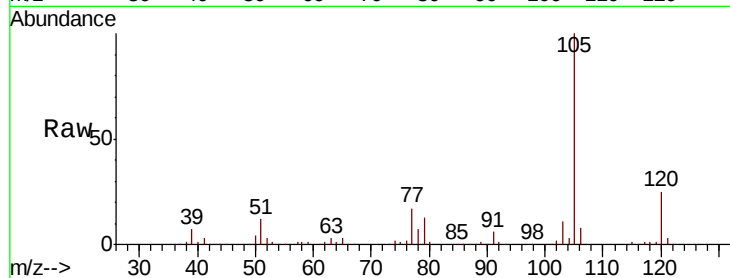
120 25.3 12.7 38.1

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.636 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

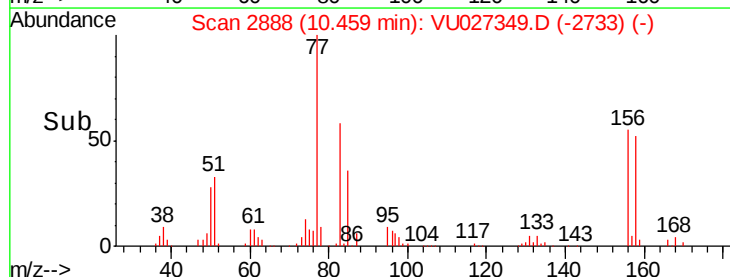
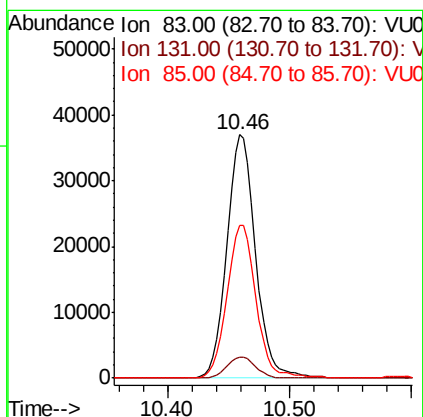
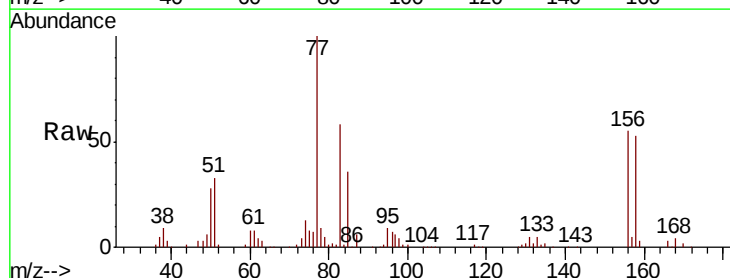
Tgt Ion: 83 Resp: 60949

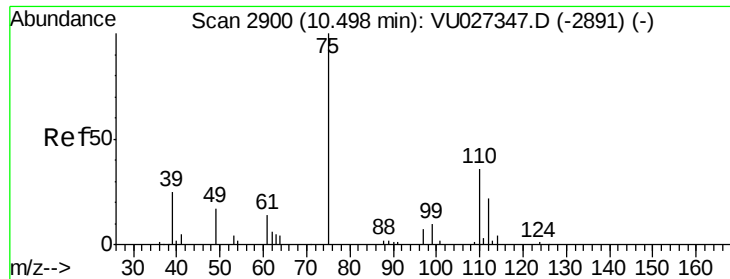
Ion Ratio Lower Upper

83 100

131 8.7 7.0 10.6

85 63.6 51.4 77.0





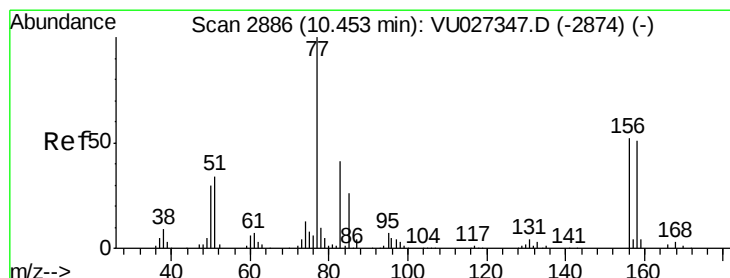
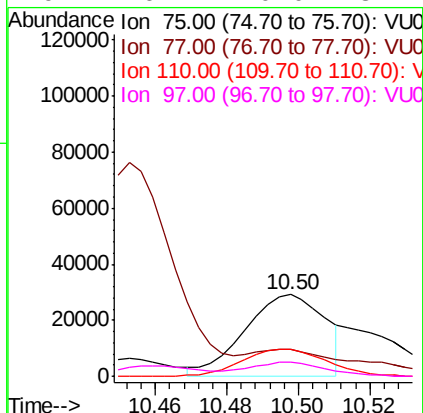
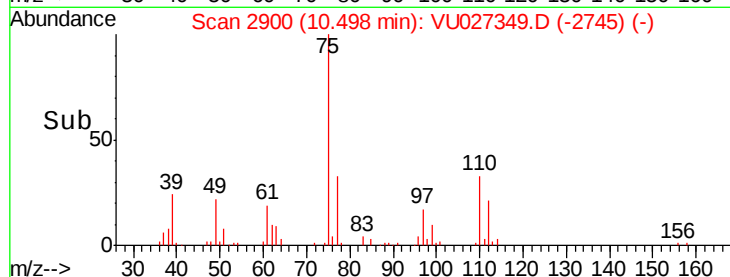
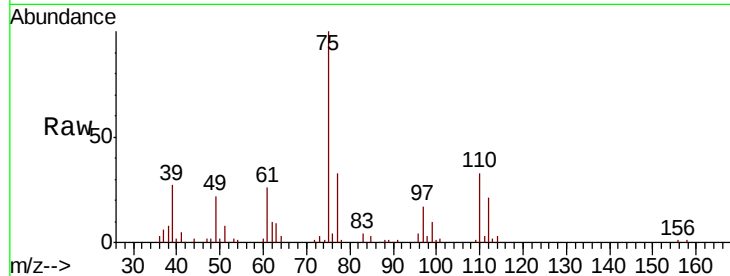
#71
 1,2,3-Trichloropropane
 Concen: 9.455 ug/l m
 RT: 10.50 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
75	100		
77	42.5	0.0	16.6#
110	34.9	0.0	65.4
97	16.2	0.0	31.4

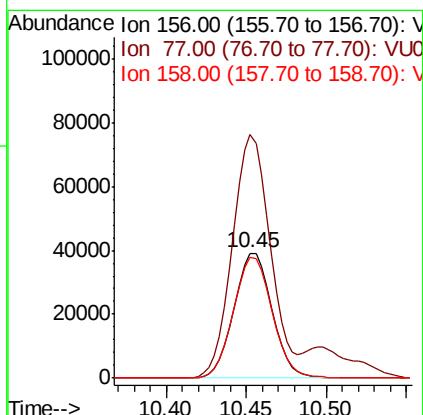
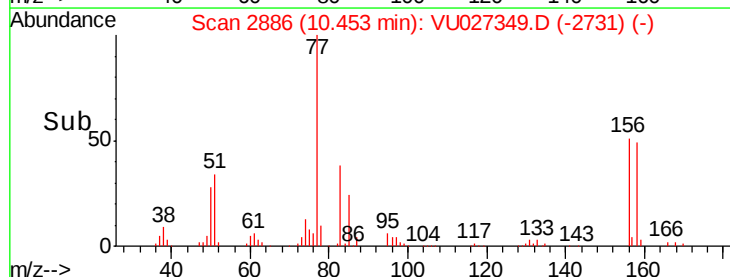
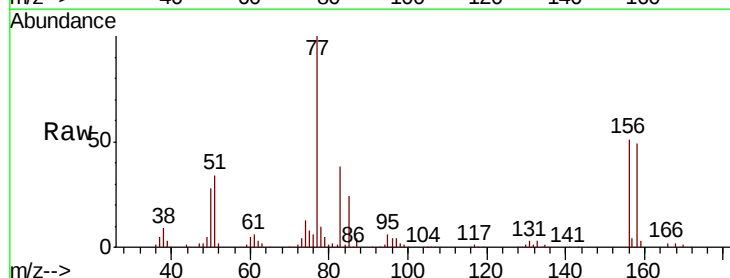
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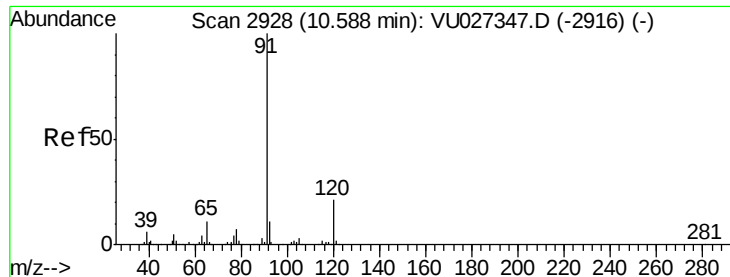
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#72
 Bromobenzene
 Concen: 10.820 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
156	100		
77	194.0	0.0	387.6
158	98.3	0.0	196.2





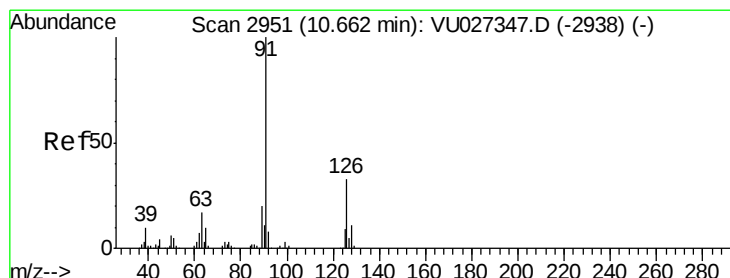
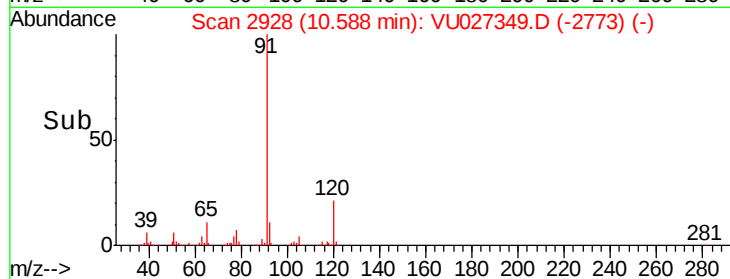
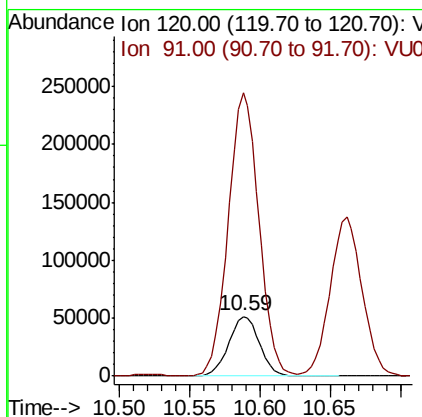
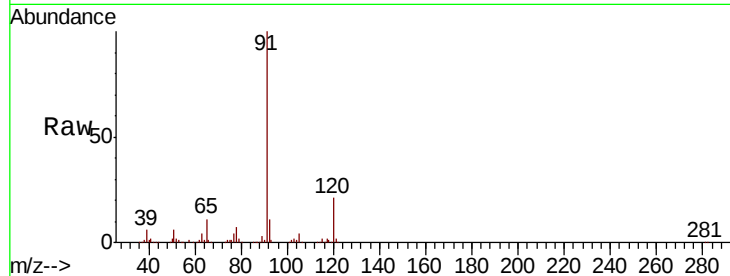
#73
n-propylbenzene
Concen: 12.022 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

Tot Ion:120 Resp: 78654
Ion Ratio Lower Upper
120 100
91 471.4 381.4 572.0

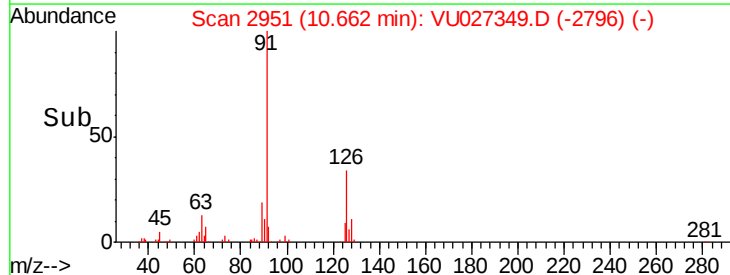
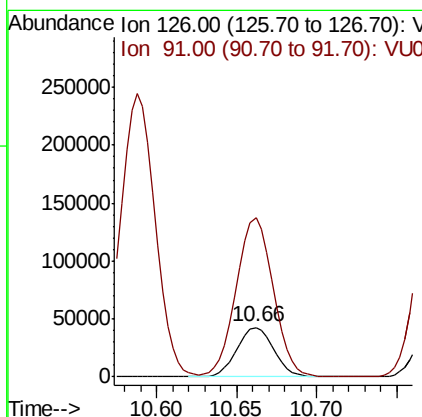
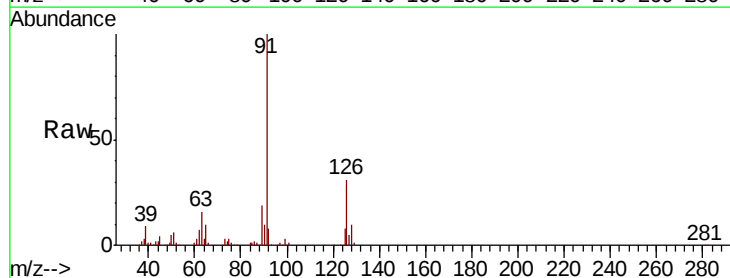
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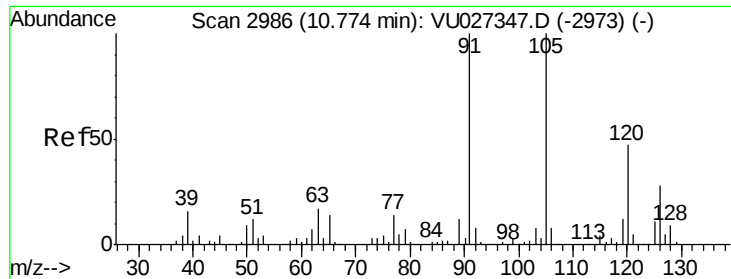
apatel
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#74
2-Chlorotoluene
Concen: 11.256 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion:126 Resp: 67306
Ion Ratio Lower Upper
126 100
91 319.6 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 11.817 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion:105 Resp: 255413

Ion Ratio Lower Upper

105 100

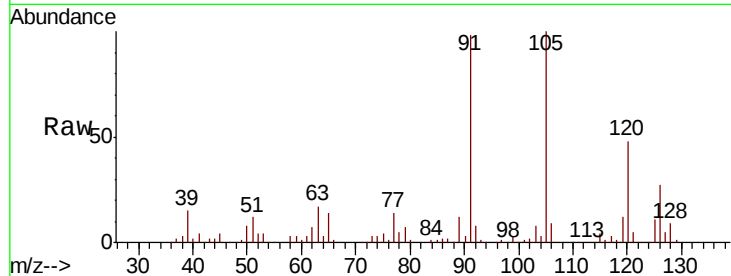
120 47.7 37.8 56.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

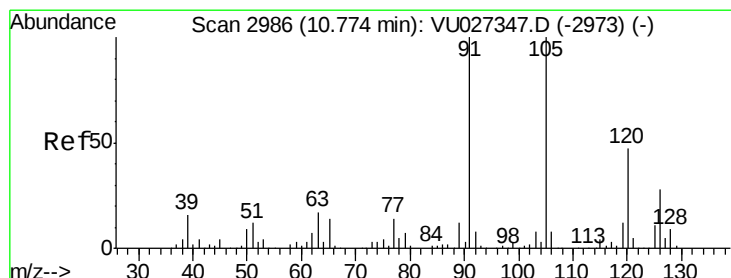
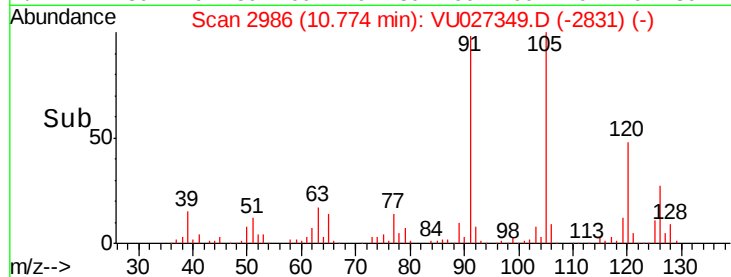
100000

50000

0

10.70 10.80 10.90

Time-->



#76

4-Chlorotoluene

Concen: 11.542 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027349.D

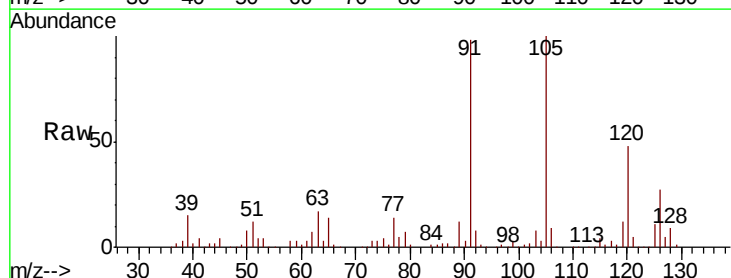
Acq: 02 Oct 2018 17:59

Tgt Ion:126 Resp: 70817

Ion Ratio Lower Upper

126 100

91 365.5 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

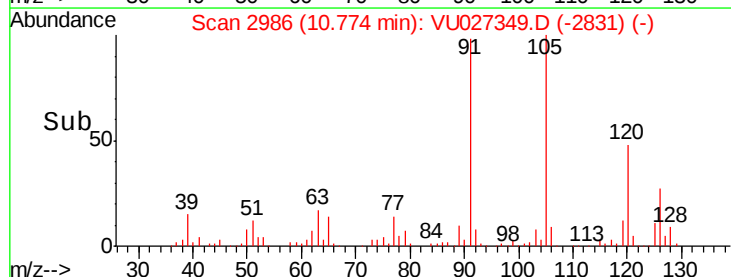
100000

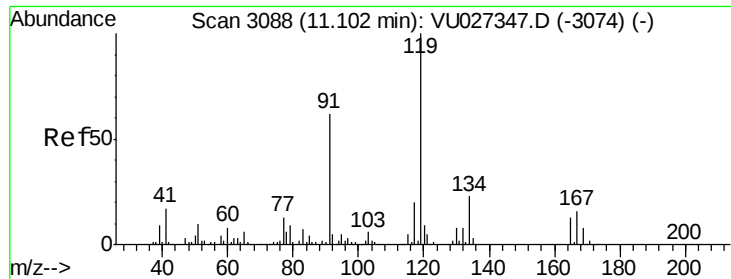
50000

0

10.70 10.75 10.80 10.85

Time-->





#77

tert-Butylbenzene

Concen: 11.279 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

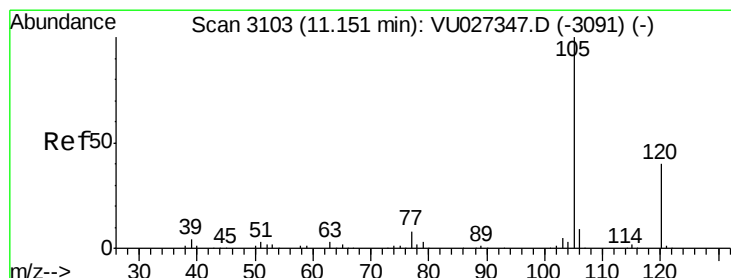
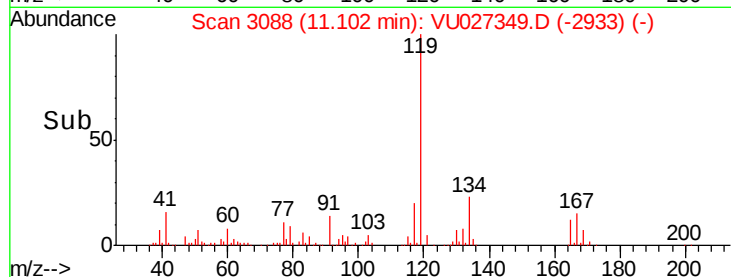
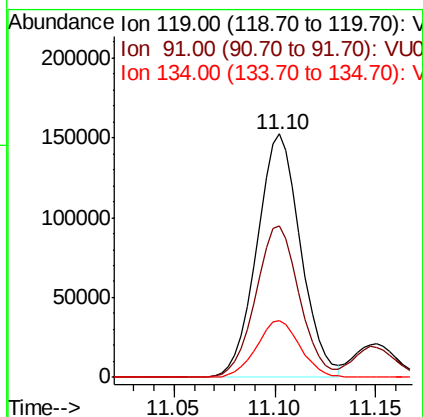
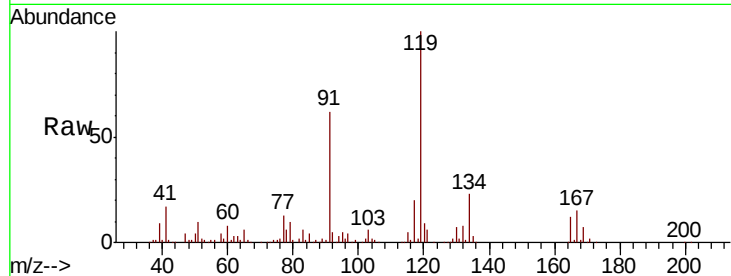
ClientSampleId :

ICVVU100318

Tot Ion:	119	Resp:	230182
Ion Ratio	Lower	Upper	
119	100		
91	62.0	31.4	94.3
134	23.3	18.7	28.1

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#78

1,2,4-Trimethylbenzene

Concen: 9.878 ug/l

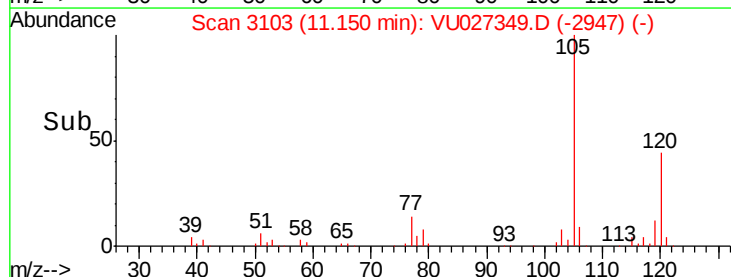
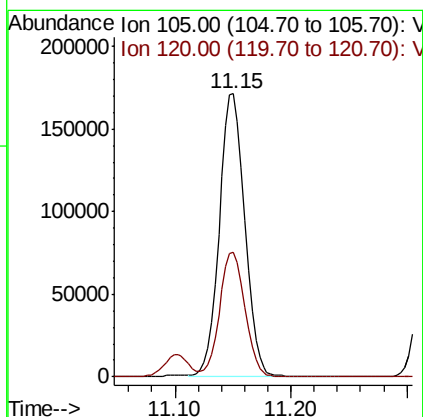
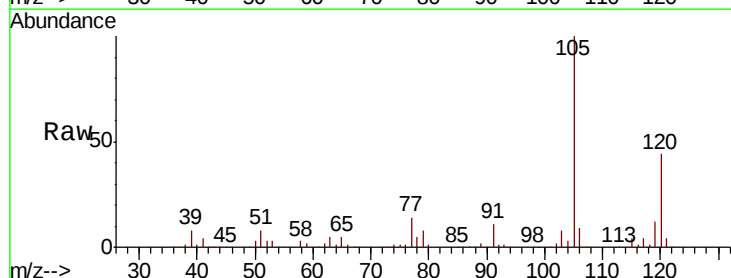
RT: 11.15 min Scan# 3103

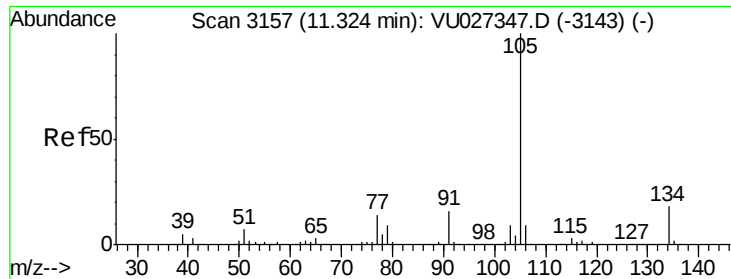
Delta R.T. 0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Tgt Ion:	105	Resp:	261201
Ion Ratio	Lower	Upper	
105	100		
120	43.9	21.9	65.7





#79

sec-Butylbenzene

Concen: 11.258 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU100318

Tot Ion:105 Resp: 315190

Ion Ratio Lower Upper

105 100

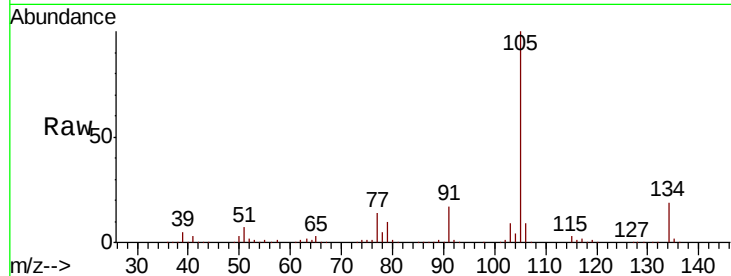
134 18.5 14.8 22.2

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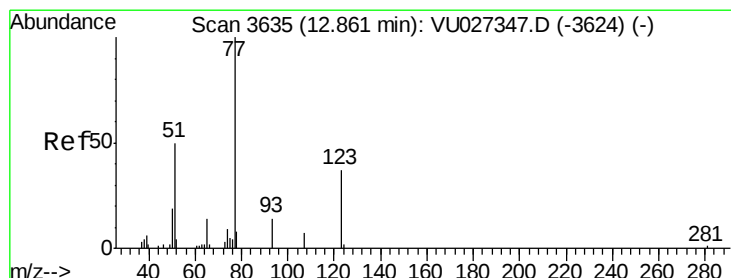
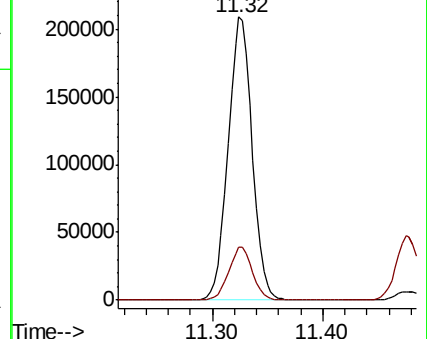
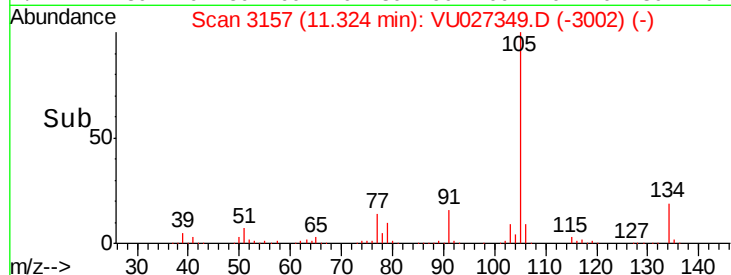
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 13.831 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. -0.00 min

Lab File: VU027349.D

Acq: 02 Oct 2018 17:59

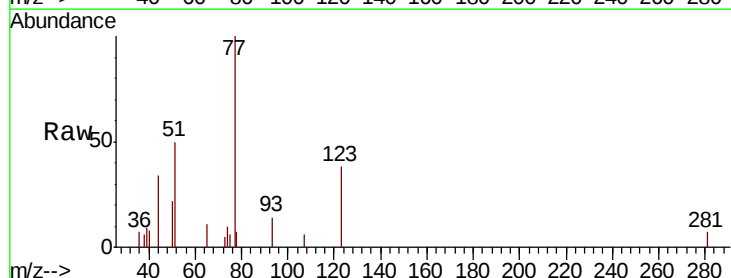
Tgt Ion: 77 Resp: 3596

Ion Ratio Lower Upper

77 100

123 34.2 16.4 58.2

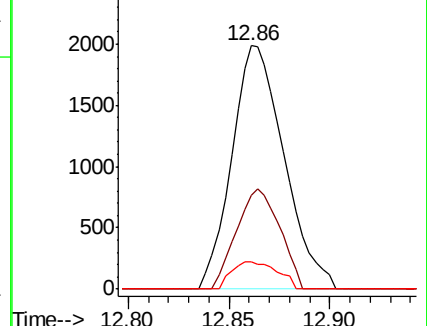
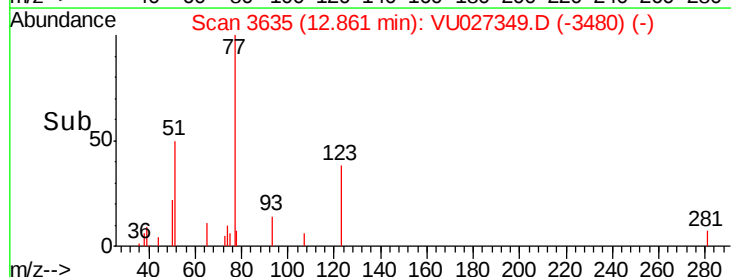
65 9.9 11.7 14.9#

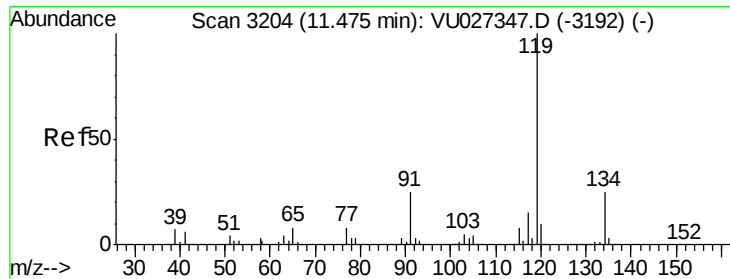


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





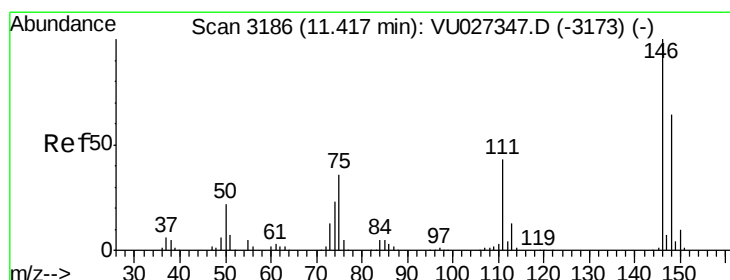
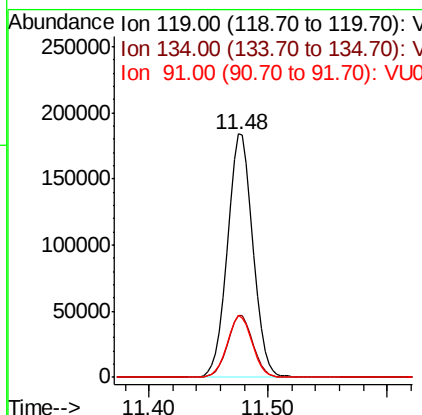
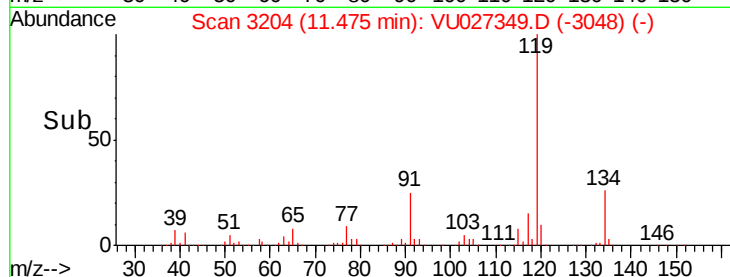
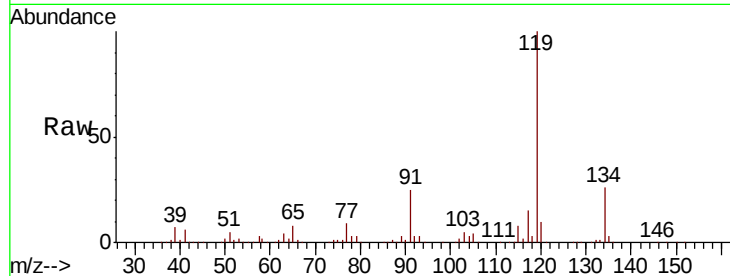
#81
 p-Isopropyltoluene
 Concen: 9.932 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.2	30.2
91	25.1	19.6	29.4

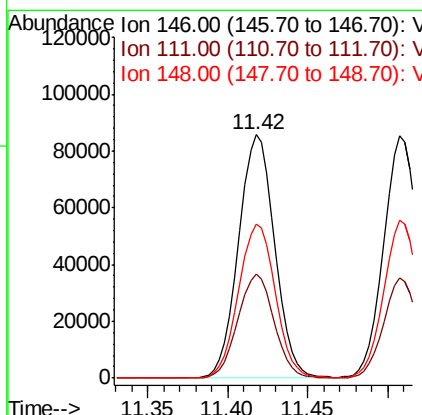
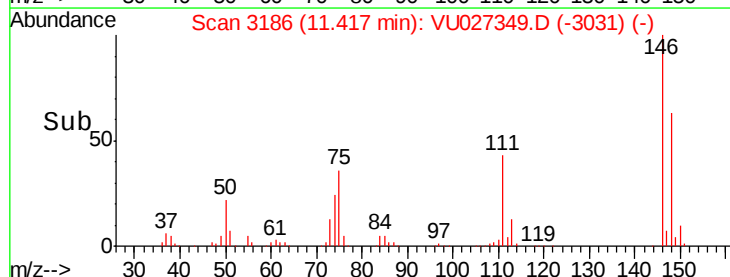
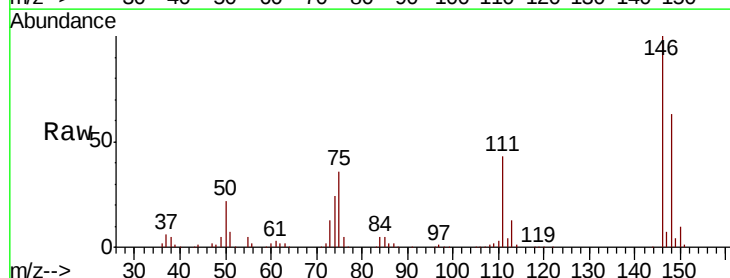
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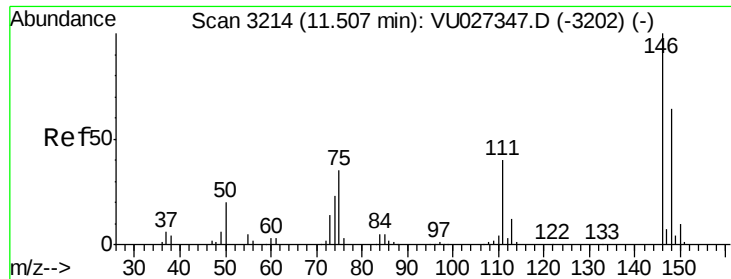
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#82
 1,3-Dichlorobenzene
 Concen: 10.692 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	34.3	51.5
148	64.6	51.2	76.8





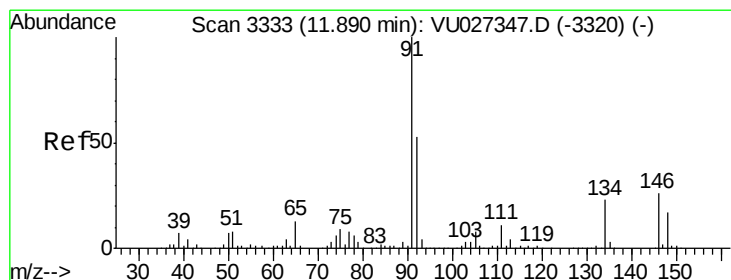
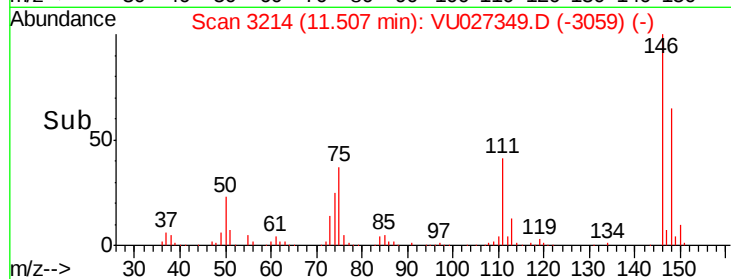
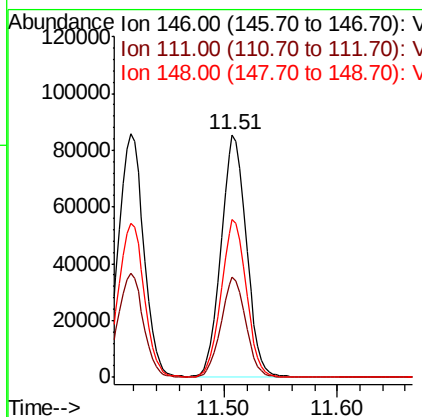
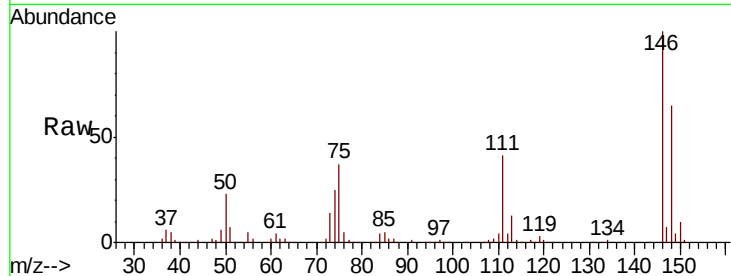
#83
 1,4-Dichlorobenzene
 Concen: 10.762 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.6	49.0
148	64.5	51.4	77.2

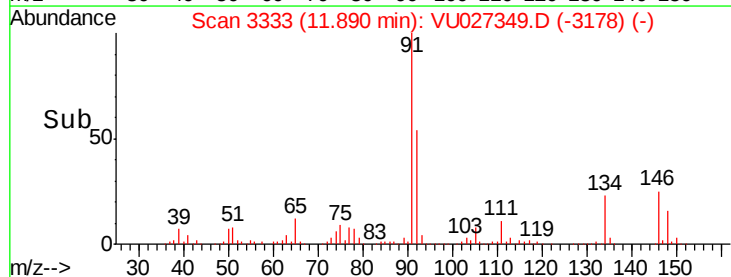
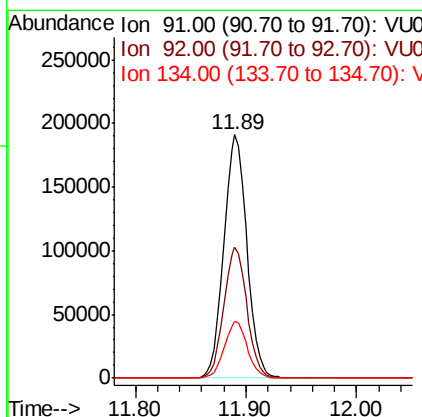
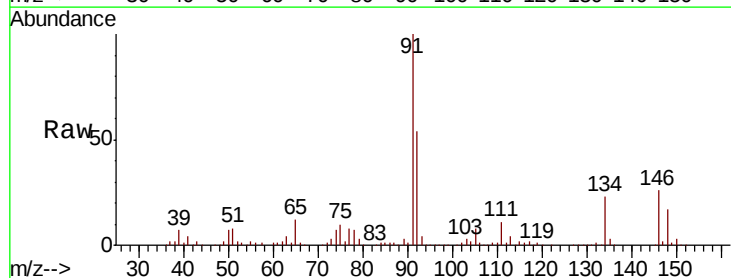
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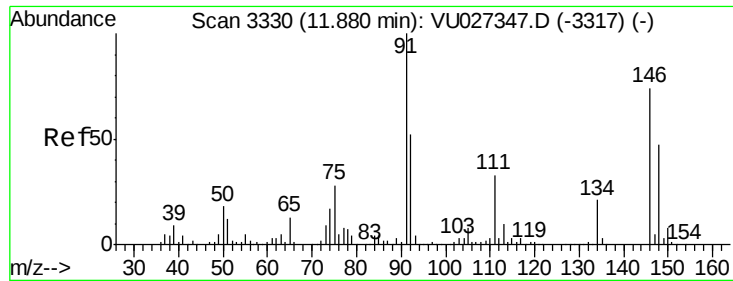
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#84
 n-Butylbenzene
 Concen: 10.000 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	42.2	63.2
134	23.1	18.2	27.4





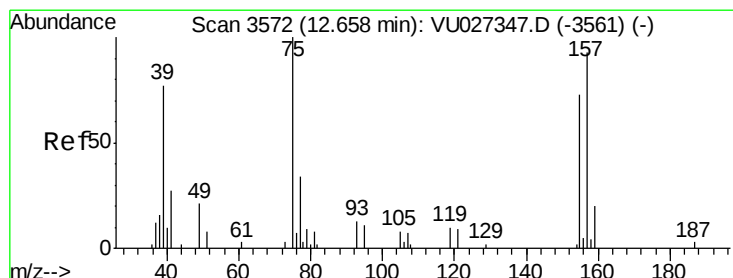
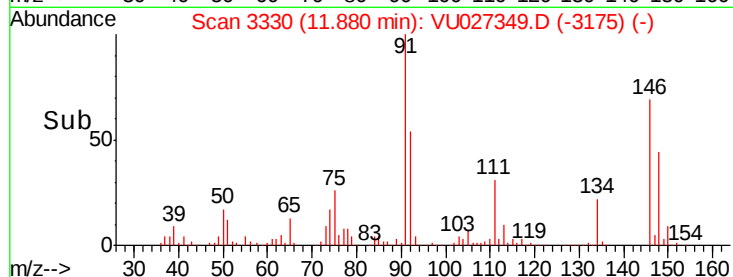
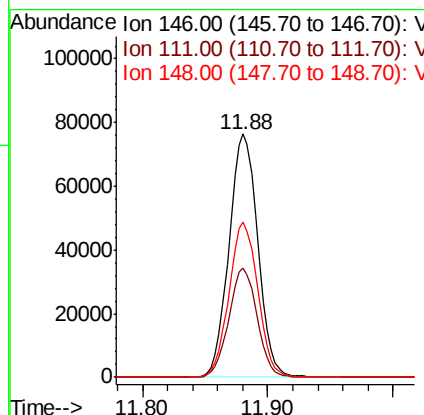
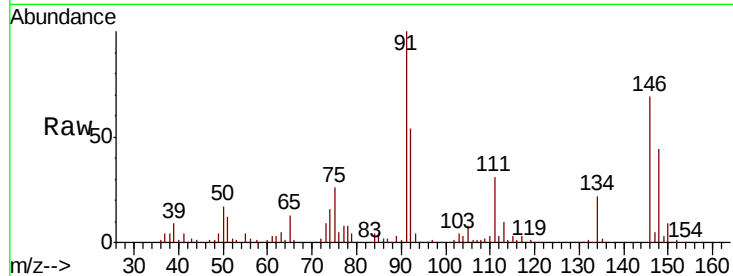
#85
 1,2-Dichlorobenzene
 Concen: 10.637 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.3
148	64.1	32.0	96.0

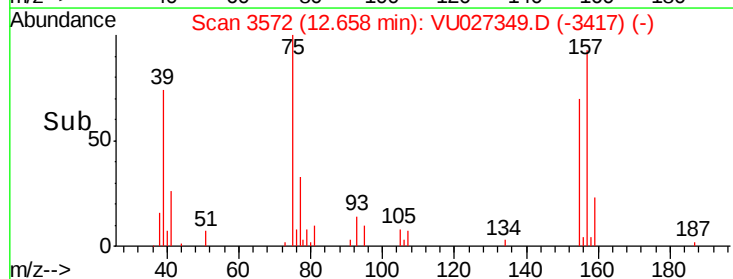
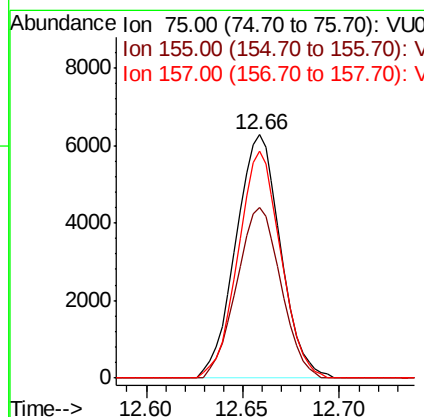
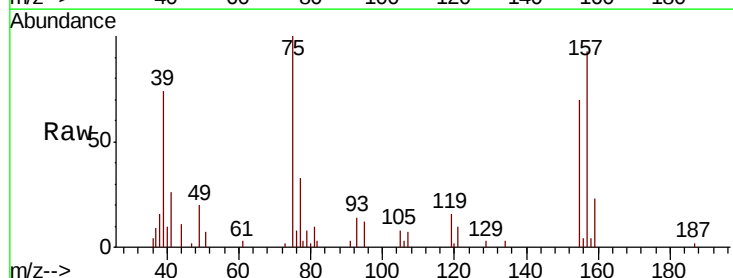
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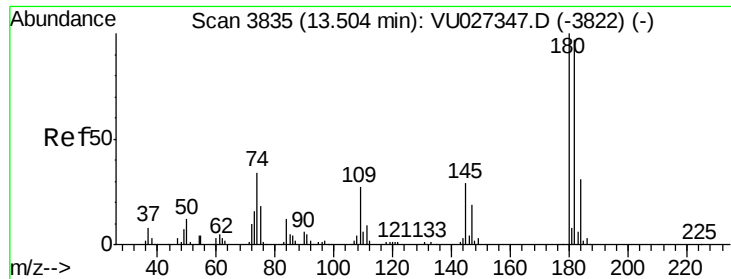
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.526 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	56.6	84.8
157	89.2	71.8	107.6





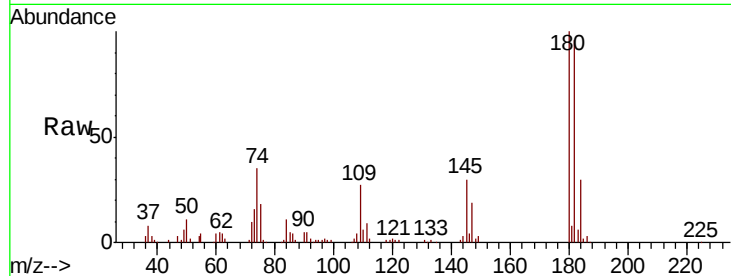
#87
 1,2,4-Trichlorobenzene
 Concen: 12.265 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU100318

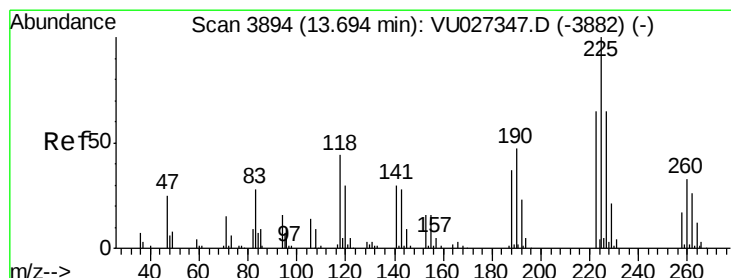
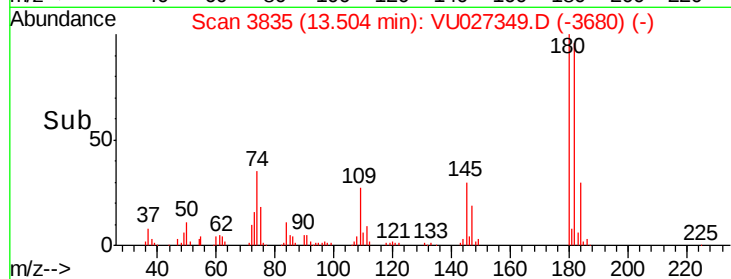
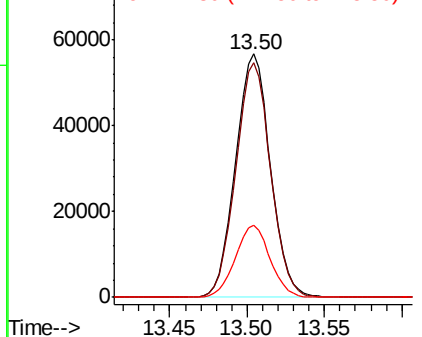
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	77.5	116.3	
145	29.5	23.9	35.9	

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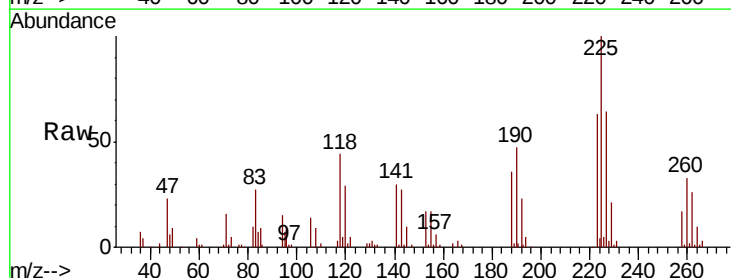


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

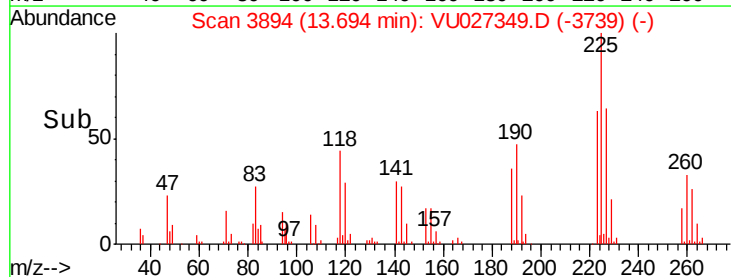
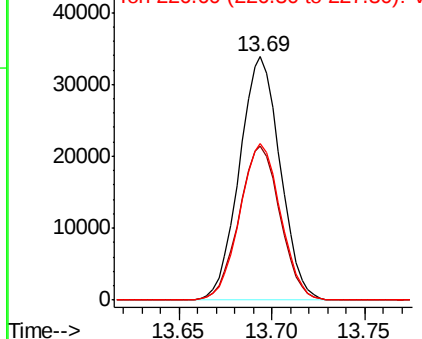


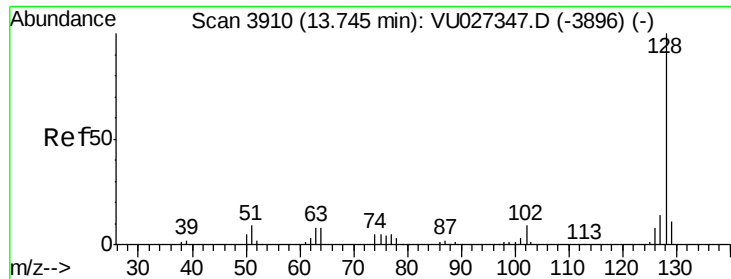
#88
 Hexachlorobutadiene
 Concen: 10.781 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027349.D
 Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	51.4	77.0	
227	64.5	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





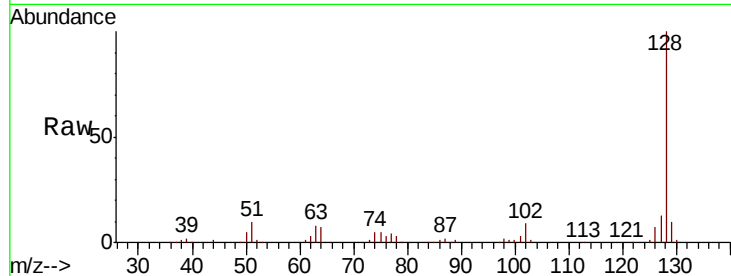
#89
Naphthalene
Concen: 12.390 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100318

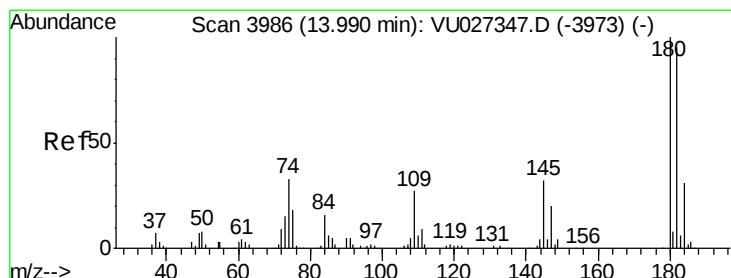
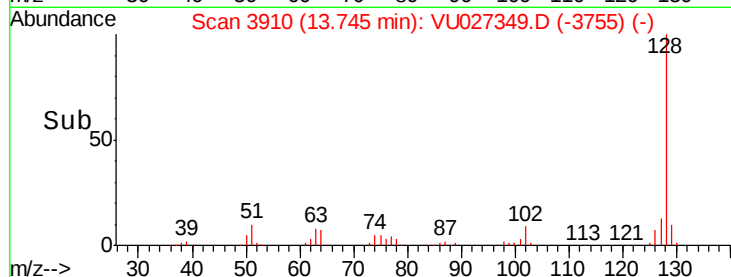
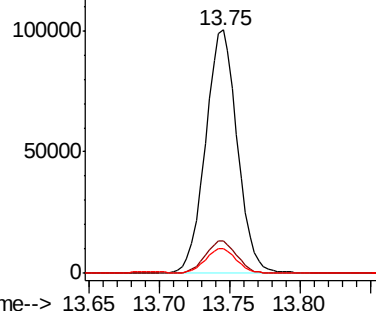
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.4	8.4	12.6

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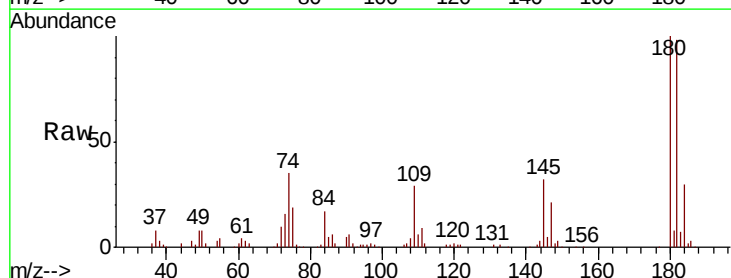


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.382 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027349.D
Acq: 02 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
145	31.5	25.8	38.8



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

