

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027347.D
 Acq On : 02 Oct 2018 16:59
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDICCC010

Manual Integrations
 APPROVED

apatel
 10/5/2018 11:56:30 AM

Quant Time: Oct 03 02:25:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
 Response via : Initial Calibration

10/5/2018 11:56:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	22004	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	8719	1.12	ug/l	0.00
Spiked Amount	1.000		Recovery	=	112.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7828	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	74667	12.284	100
3) Chloromethane	1.33	50	85951	11.376	100
4) Vinyl Chloride	1.40	62	86755	12.032	100
5) Bromomethane	1.63	94	37999	7.832	100
6) Chloroethane	1.70	64	53572	13.038	100
7) Trichlorofluoromethane	1.89	101	100068	11.622	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58743	11.702	100
9) 1,1-Dichloroethene	2.29	96	48561	10.311	100
10) Iodomethane	2.41	142	64888	16.367	100
11) Allyl Chloride	2.59	41	125824	13.979	100
12) Acrylonitrile	2.94	53	33380	27.206	100
13) Acetone	2.32	43	71572	64.283	100
14) Carbon Disulfide	2.48	76	151275	11.061	100
15) Methylene Chloride	2.70	84	63422	11.089	100
16) trans-1,2-Dichloroethene	2.98	96	57015	11.310	100
17) 1,1-Dichloroethane	3.45	63	139478	13.016	100
18) 2-Butanone	4.29	43	122697	67.917	100
19) Cyclohexane	4.98	56	105078	11.798	100
20) Methylcyclohexane	6.41	83	98796	10.249	100
21) 2,2-Dichloropropane	4.23	77	113208	13.950	100
22) cis-1,2-Dichloroethene	4.22	96	66923	10.682	100
23) Diethyl Ether	2.11	59	52729	12.731	100
24) tert-Butyl Alcohol	2.85	59	58165	116.535	100
25) Methyl tert-Butyl Ether	3.01	73	169133	13.018	100
26) Bromochloromethane	4.55	128	25373	9.575	100
27) Chloroform	4.67	83	124944	11.410	100
28) 1,1,1-Trichloroethane	4.91	97	103007	12.013	100
29) 1,1-Dichloropropene	5.13	75	91404	10.950	100
30) Carbon Tetrachloride	5.13	117	86703	12.167	100
31) Isopropyl Ether	3.58	45	259990	13.639	100
32) Ethyl-t-butyl ether	4.08	59	208609	12.918	100
33) Tert-Amyl methyl ether	5.59	73	157804	11.955	100
34) Propionitrile	4.34	54	34319	66.337	100
35) Benzene	5.39	78	270555	11.164	100
36) 1,2-Dichloroethane	5.41	62	90549	12.960	100
37) Trichloroethene	6.18	130	59553	9.301	100
38) 1,2-Dichloropropane	6.44	63	81624	12.656	100
39) Methacrylonitrile	4.56	41	32686	14.231	100
40) Methyl acrylate	4.44	55	42985	13.194	100
41) Tetrahydrofuran	4.67	42	32471	25.809	100
42) 1-Chlorobutane	5.06	56	153003	12.515	100

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Quant Time: Oct 03 02:25:15 2018
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	35911	12.407	ug/l	100
44) Bromodichloromethane	6.76	83	94174	13.357	ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	281598	67.921	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	34459m	31.574	ug/l	
47) Methyl methacrylate	6.64	69	71218	24.727	ug/l	100
48) Ethyl methacrylate	8.03	69	66297	12.460	ug/l	100
49) Toluene	7.64	92	158265	11.112	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	87142	14.278	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	102317	13.266	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	48571	11.298	ug/l	100
53) 1,3-Dichloropropane	8.25	76	94192	12.313	ug/l	100
54) 2-Hexanone	8.38	43	199123	69.495	ug/l	100
55) Dibromochloromethane	8.48	129	55411	13.181	ug/l	100
56) 1,2-Dibromoethane	8.59	107	43493	11.317	ug/l	100
58) Tetrachloroethene	8.23	164	55041	8.139	ug/l	100
59) Chlorobenzene	9.12	112	162752	10.687	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	61048	11.855	ug/l	100
61) Pentachloroethane	11.10	117	50184	14.709	ug/l	100
62) Hexachloroethane	12.15	117	50076	14.420	ug/l	100
63) Ethyl Benzene	9.25	91	299651	11.267	ug/l	100
64) m/p-Xylenes	9.38	106	229910	22.744	ug/l	100
65) o-Xylene	9.78	106	108779	11.139	ug/l	100
66) Styrene	9.79	104	195483	12.001	ug/l	100
67) Bromoform	9.96	173	29972	12.721	ug/l	100
69) Isopropylbenzene	10.17	105	289718	11.309	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	66636	12.994	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	52084m	12.368	ug/l	
72) Bromobenzene	10.45	156	63949	9.982	ug/l	100
73) n-propylbenzene	10.59	120	80338	11.374	ug/l	100
74) 2-Chlorotoluene	10.66	126	69858	11.117	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	261214	11.976	ug/l	100
76) 4-Chlorotoluene	10.77	126	72918	11.254	ug/l	100
77) tert-Butylbenzene	11.10	119	239490	11.651	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	270089	12.007	ug/l	100
79) sec-Butylbenzene	11.32	105	341157	11.789	ug/l	100
80) Nitrobenzene	12.86	77	14608	89.185	ug/l	100
81) p-Isopropyltoluene	11.48	119	281668	11.801	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	137688	10.791	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	138806	10.863	ug/l	100
84) n-Butylbenzene	11.89	91	286192	12.441	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	127934	10.743	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10553	14.125	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	84246	10.592	ug/l	100
88) Hexachlorobutadiene	13.69	225	52191	10.525	ug/l	100
89) Naphthalene	13.75	128	158332	12.385	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	83849	11.119	ug/l	100

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

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ALS Vial : 6 Sample Multiplier: 1

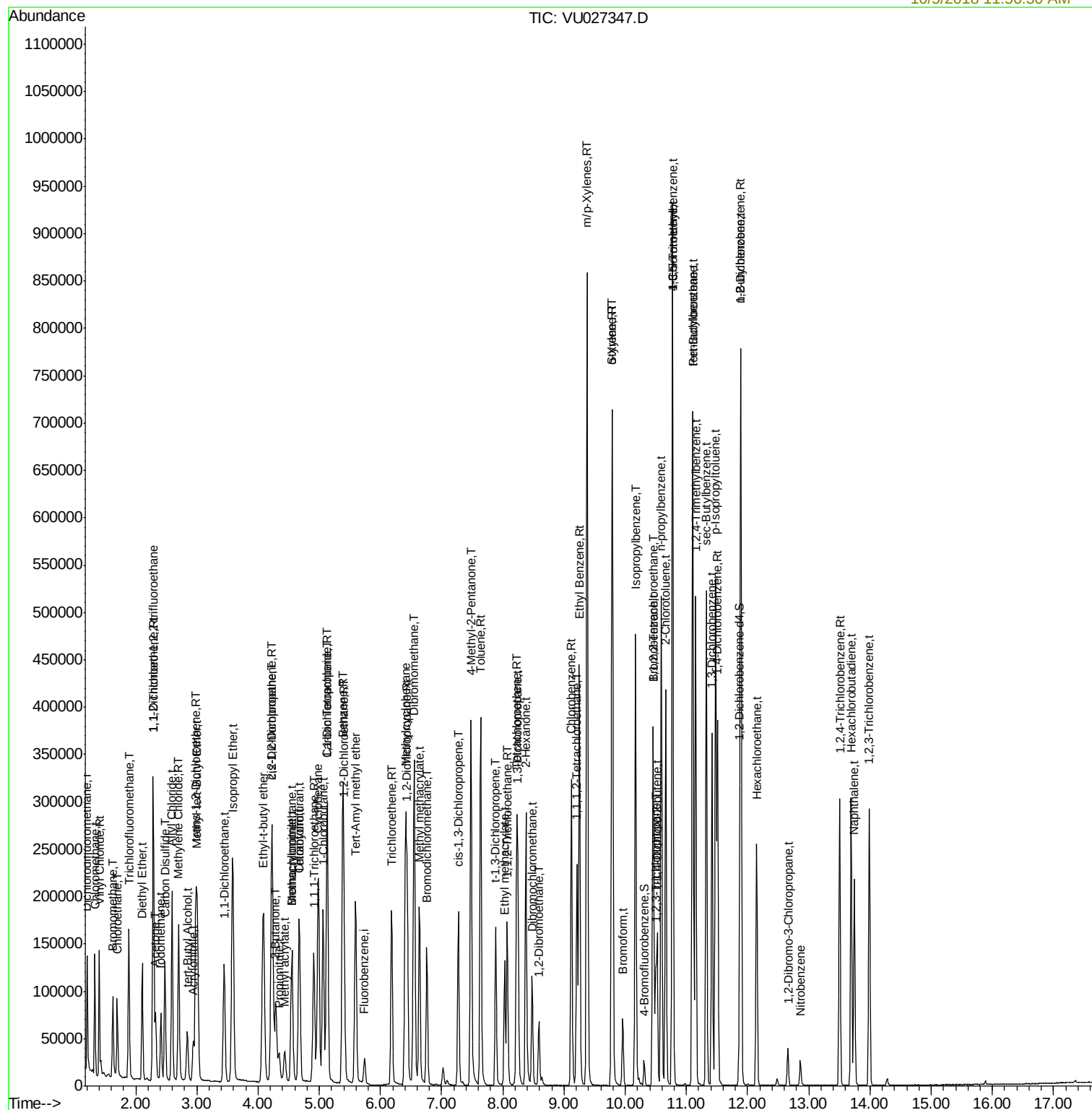
Instrument :
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VSTDICCC010

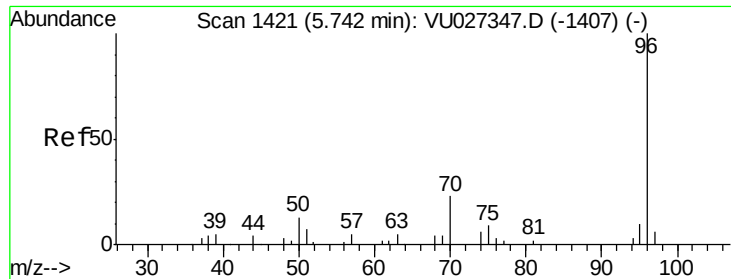
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 96 Resp: 22004

Ion Ratio Lower Upper

96 100

70 24.0 19.2 28.8

95 9.6 7.7 11.5

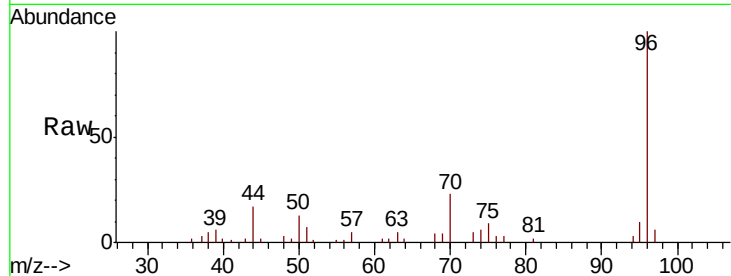
97 0.0 0.0 0.0

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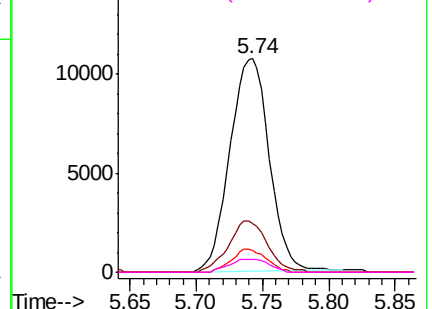
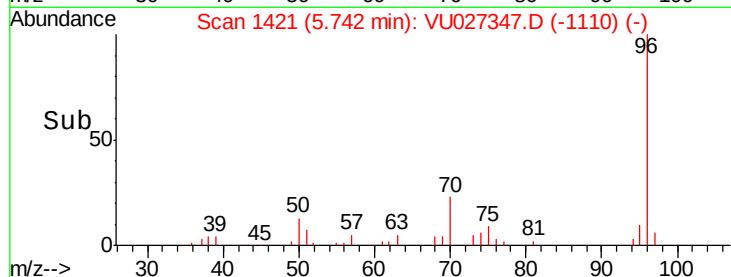


Abundance Ion 96.00 (95.70 to 96.70): VU0

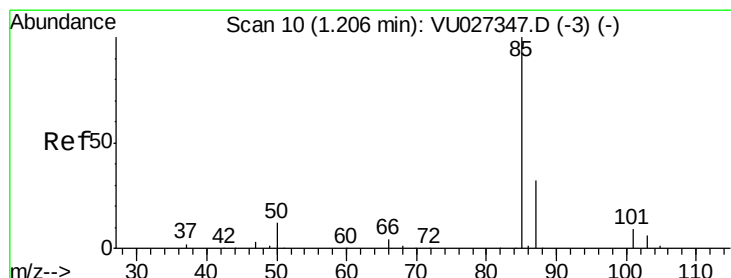
Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



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#2

Dichlorodifluoromethane

Concen: 12.284 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027347.D

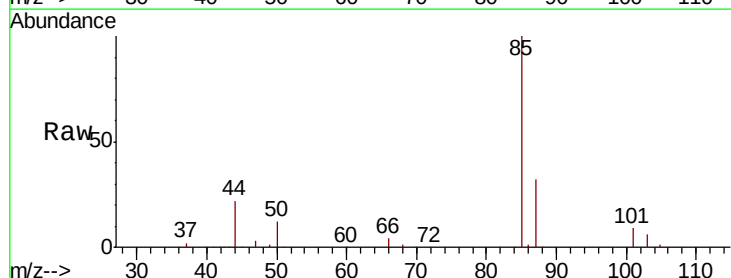
Acq: 02 Oct 2018 16:59

Tgt Ion: 85 Resp: 74667

Ion Ratio Lower Upper

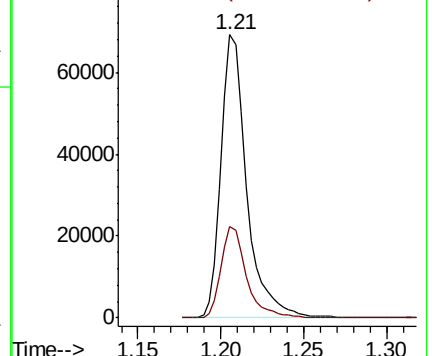
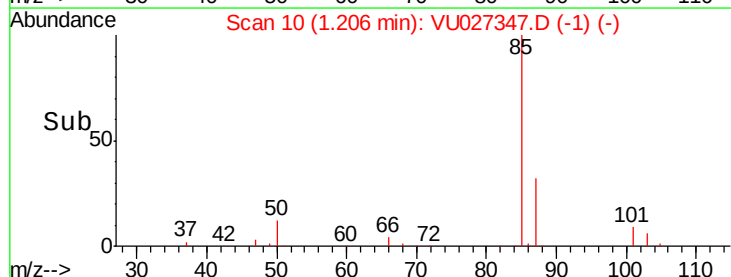
85 100

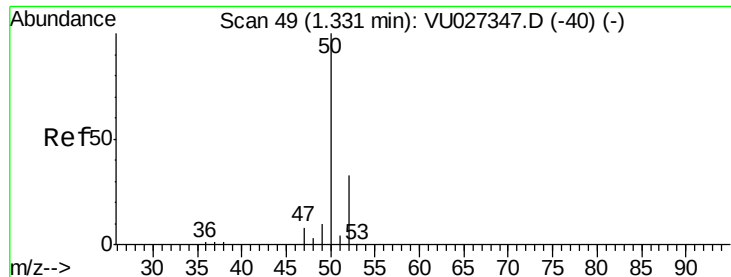
87 32.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 11.376 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 50 Resp: 85951

Ion Ratio Lower Upper

50 100

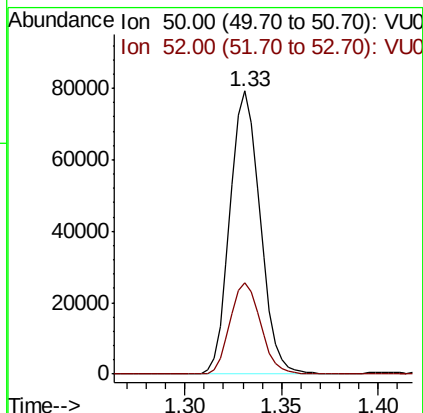
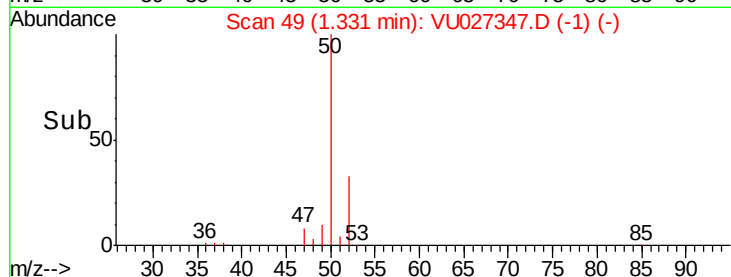
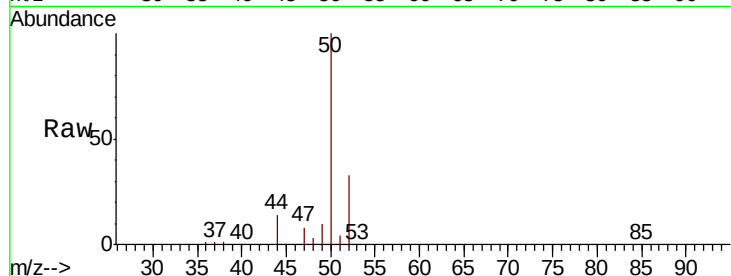
52 32.5 26.0 39.0

Manual Integrations

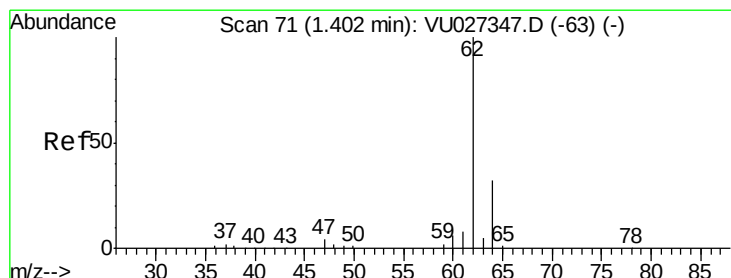
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#4

Vinyl Chloride

Concen: 12.032 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027347.D

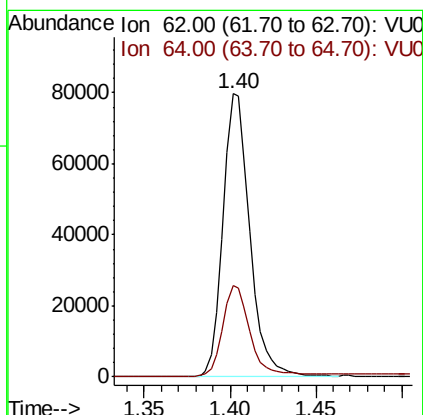
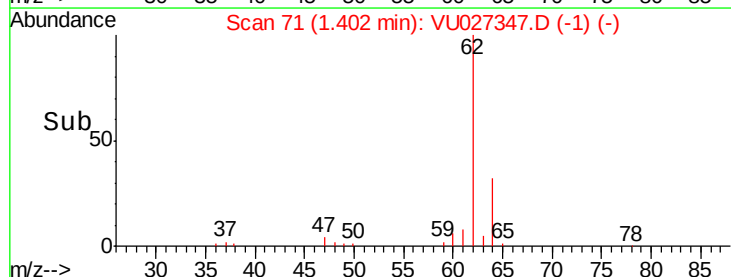
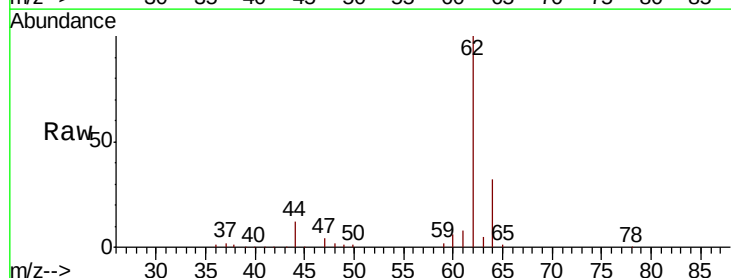
Acq: 02 Oct 2018 16:59

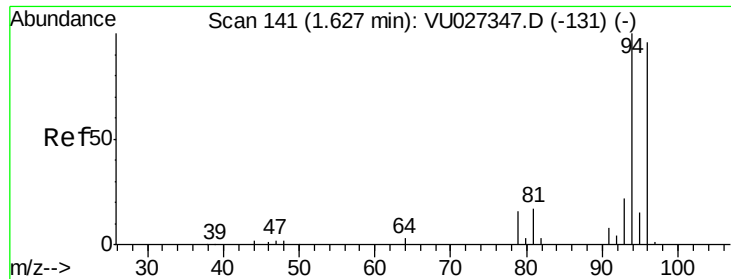
Tgt Ion: 62 Resp: 86755

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 7.832 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 94 Resp: 37999

Ion Ratio Lower Upper

94 100

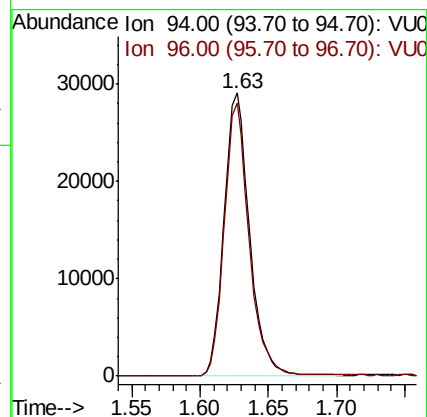
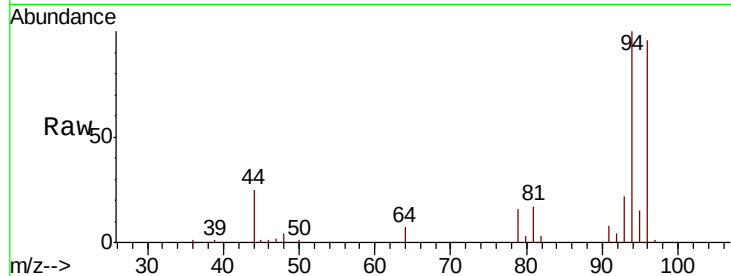
96 96.3 77.0 115.6

Manual Integrations

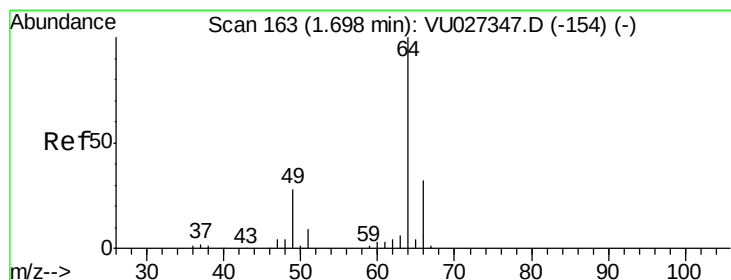
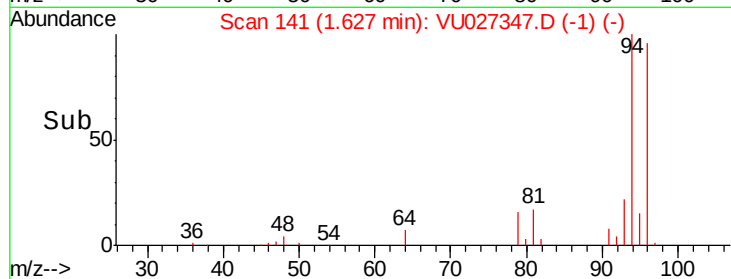
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#6

Chloroethane

Concen: 13.038 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027347.D

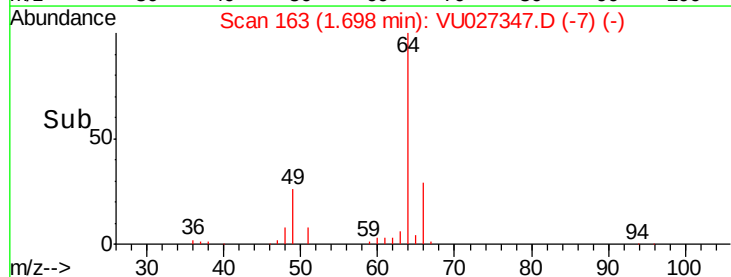
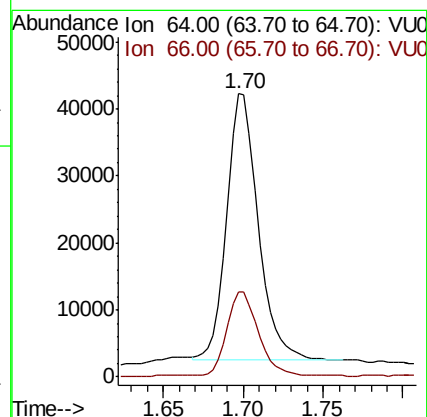
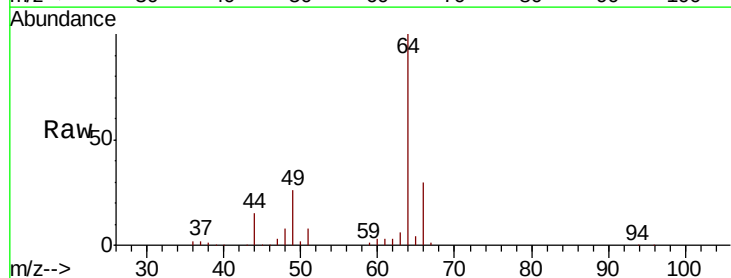
Acq: 02 Oct 2018 16:59

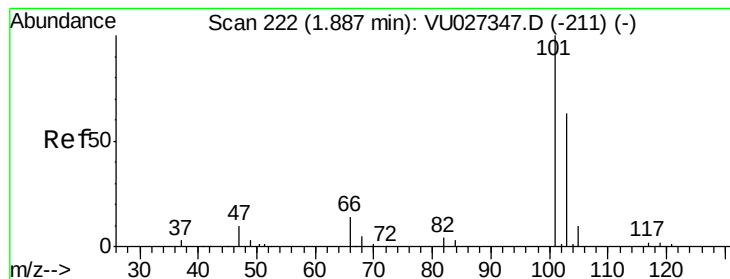
Tgt Ion: 64 Resp: 53572

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

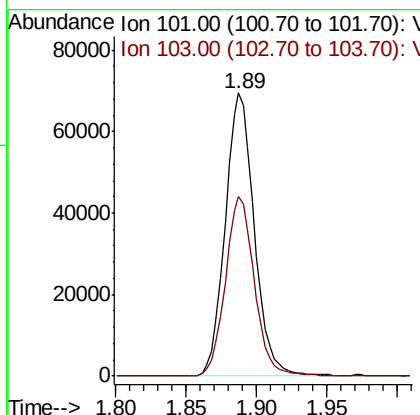
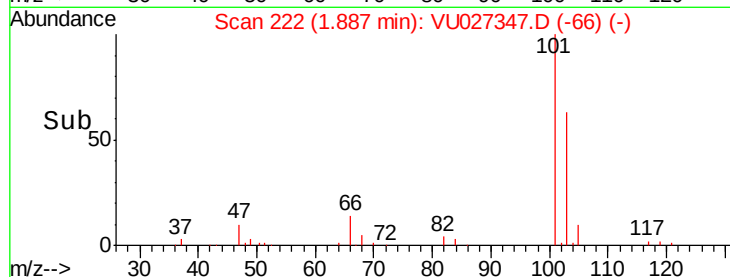
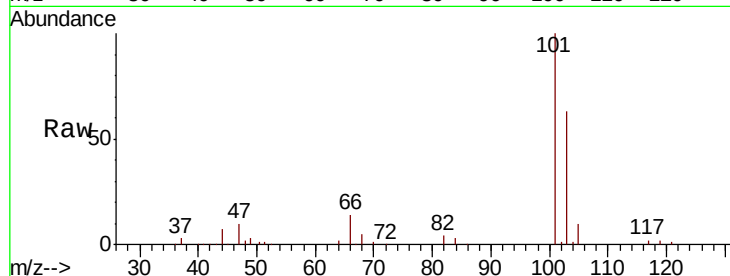
Trichlorofluoromethane
Concen: 11.622 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027347.D
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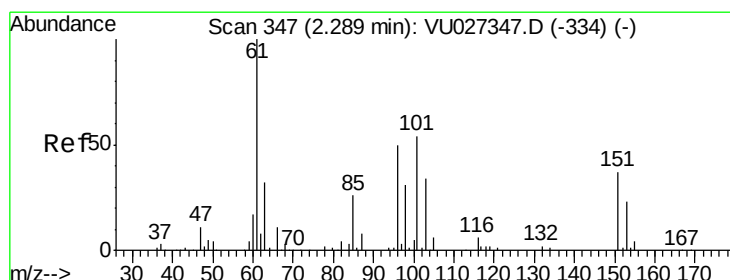
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.8	76.2

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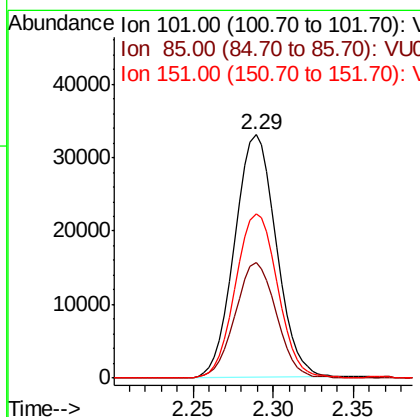
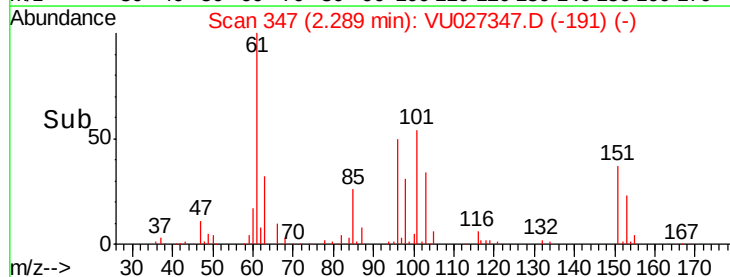
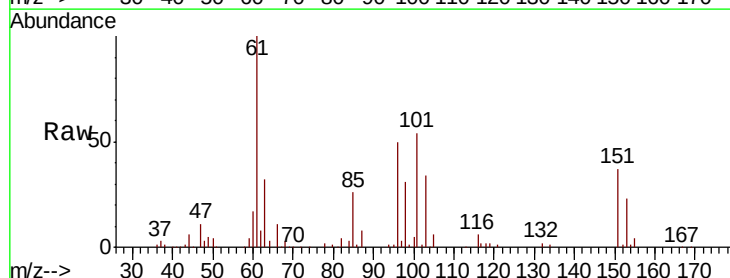
10/5/2018 11:56:30 AM

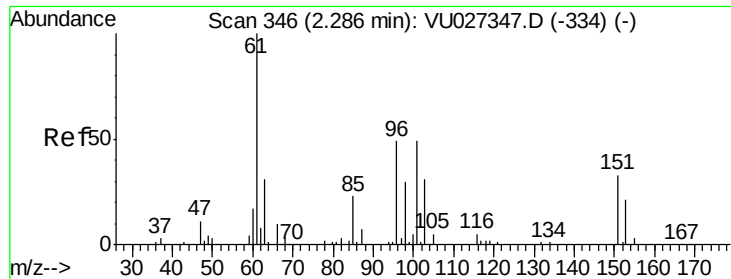


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.702 ug/l
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.6	56.4
151	68.2	54.6	81.8





#9

1,1-Dichloroethene

Concen: 10.311 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

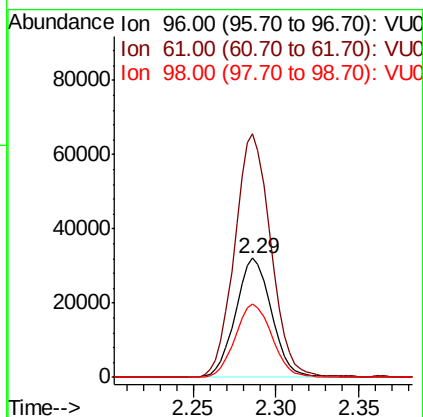
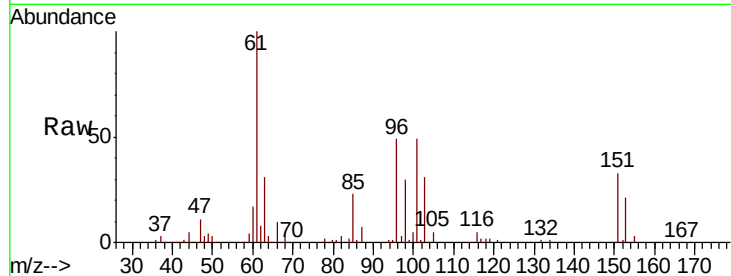
ClientSampleId :

VSTDICCC010

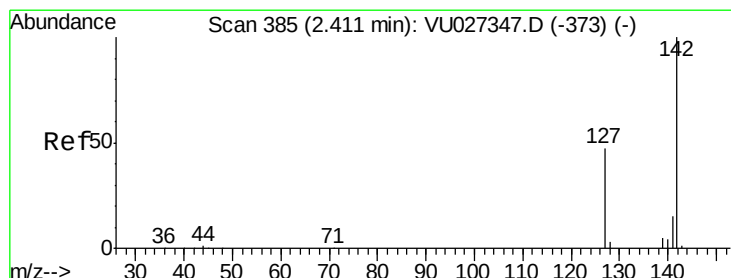
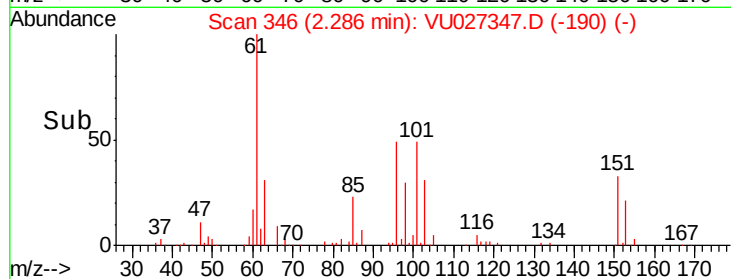
Tot Ion:	96	Resp:	48561
Ion Ratio	Lower	Upper	
96	100		
61	204.7	0.0	614.1
98	61.7	0.0	123.4

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#10

Iodomethane

Concen: 16.367 ug/l

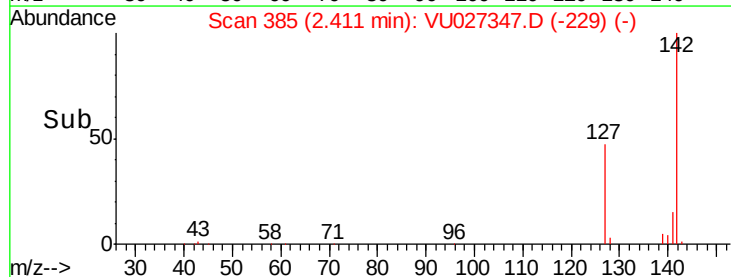
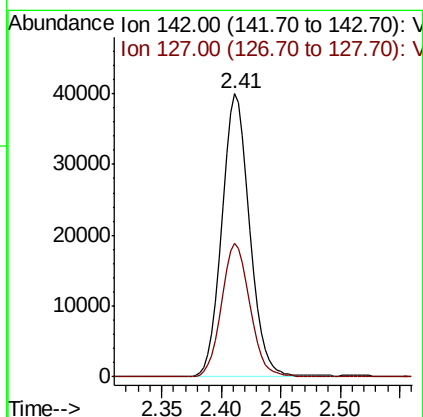
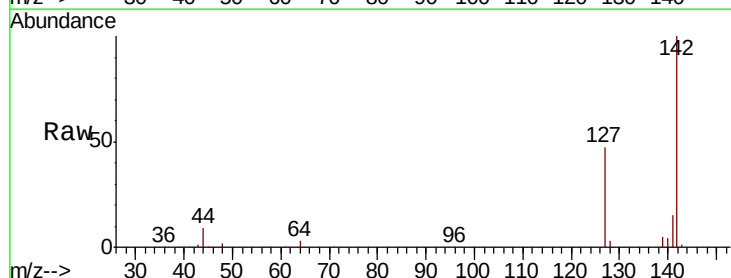
RT: 2.41 min Scan# 385

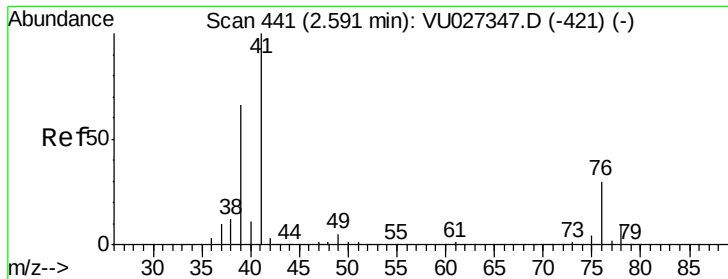
Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Tgt Ion:	142	Resp:	64888
Ion Ratio	Lower	Upper	
142	100		
127	47.9	38.3	57.5





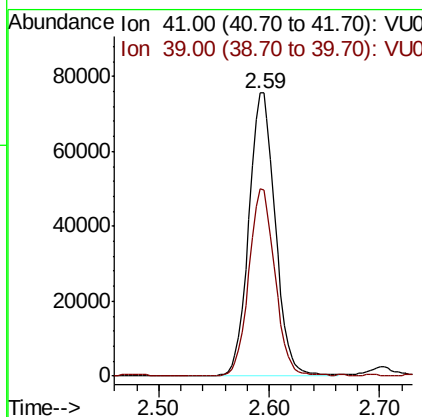
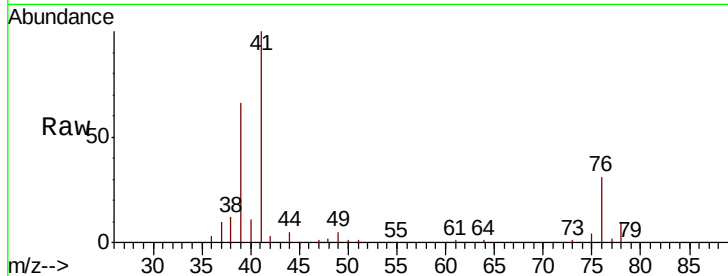
#11
Allvl Chloride
Concen: 13.979 ug/l
RT: 2.59 min Scan# 441
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

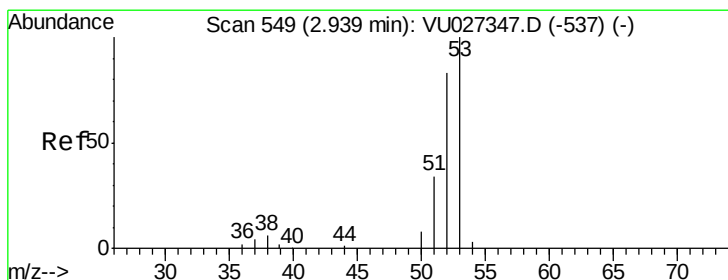
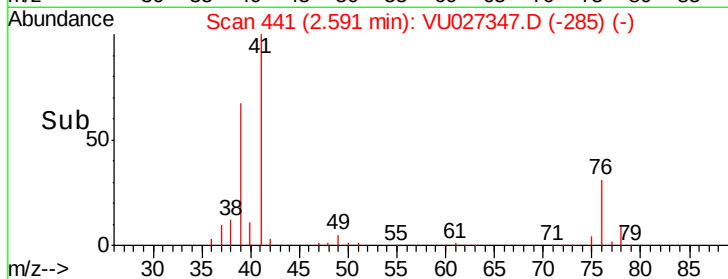
Tot Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.2	78.4

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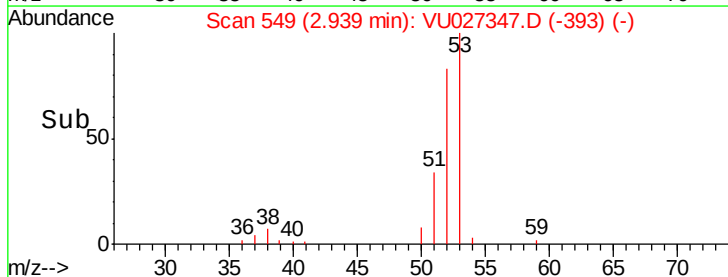
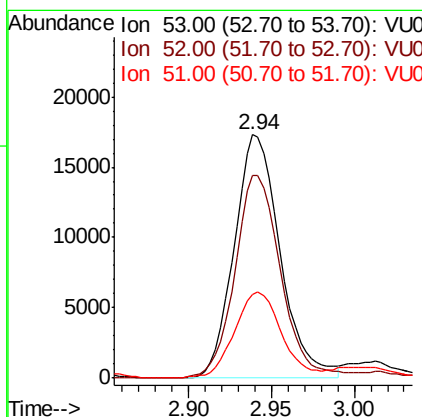
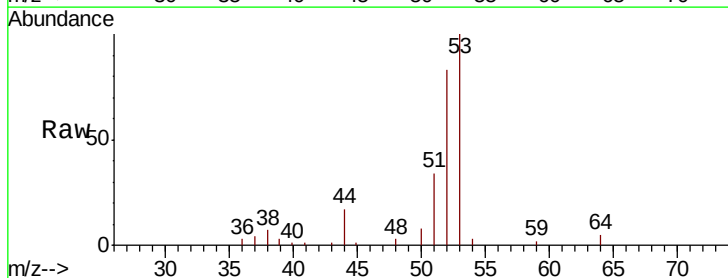


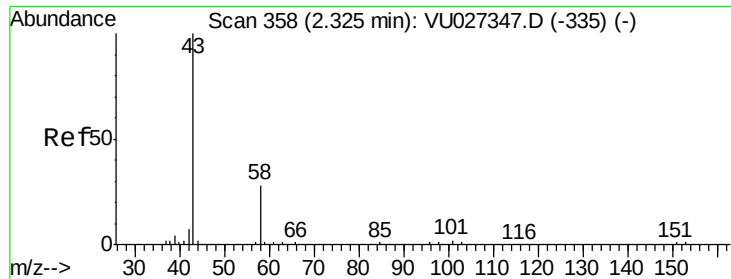
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#12
Acrylonitrile
Concen: 27.206 ug/l
RT: 2.94 min Scan# 549
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.0	100.4
51	36.3	29.0	43.6





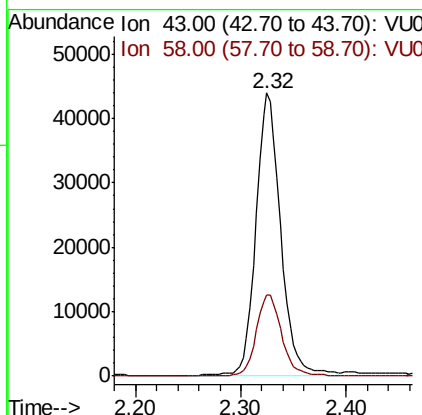
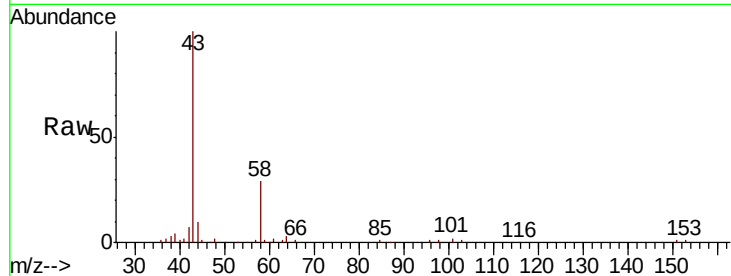
#13
Acetone
Concen: 64.283 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

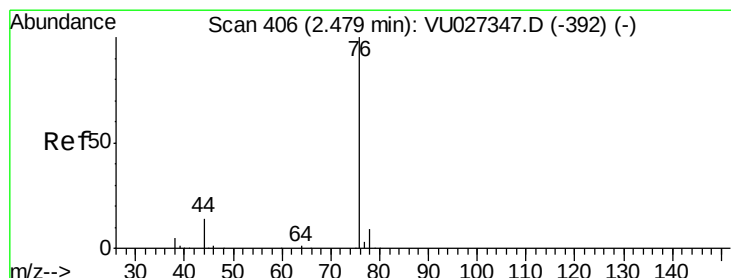
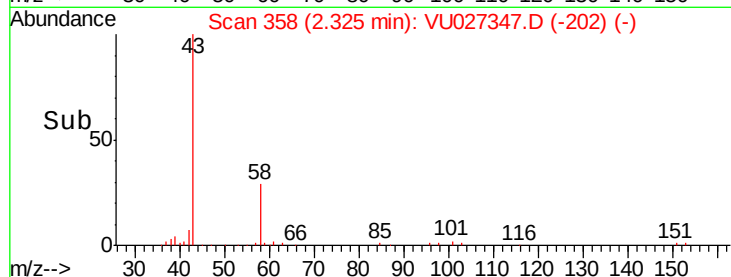
Tot Ion: 43 Resp: 71572
Ion Ratio Lower Upper
43 100
58 28.3 22.6 34.0

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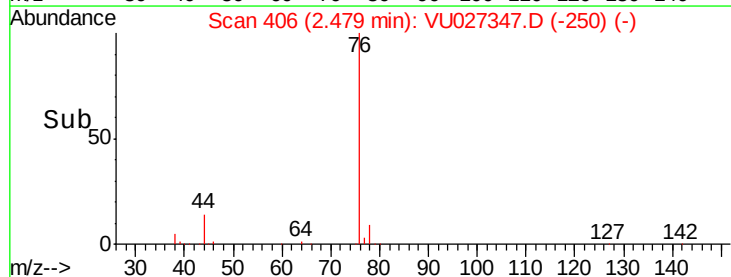
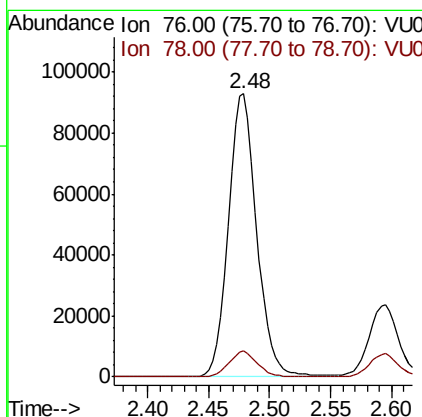
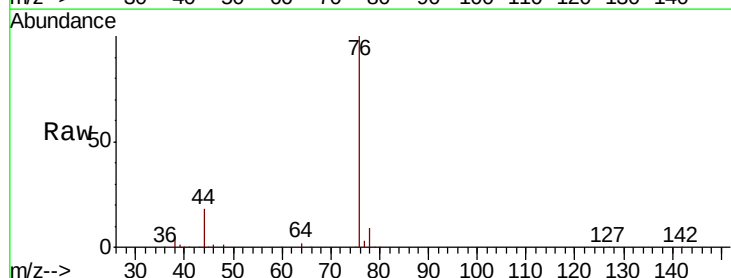


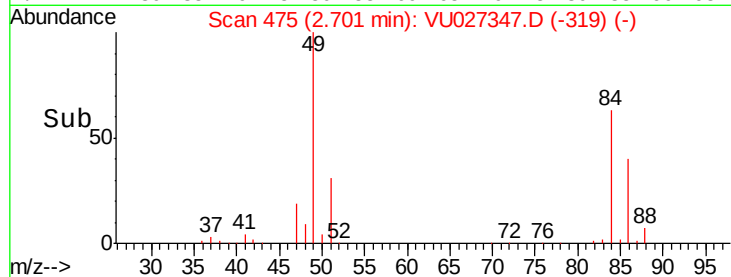
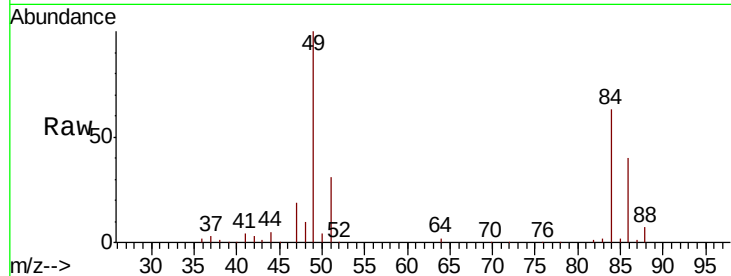
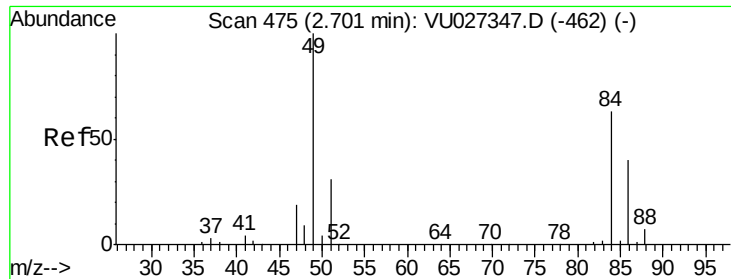
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#14
Carbon Disulfide
Concen: 11.061 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion: 76 Resp: 151275
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15
Methvlene Chloride
Concen: 11.089 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

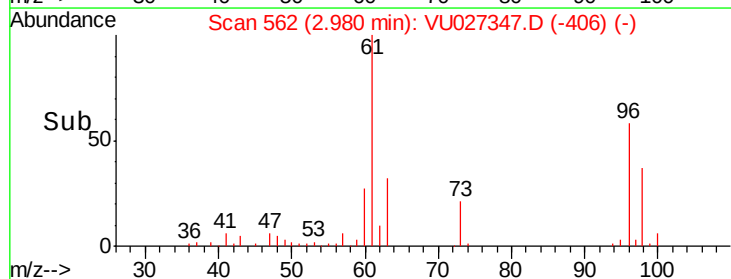
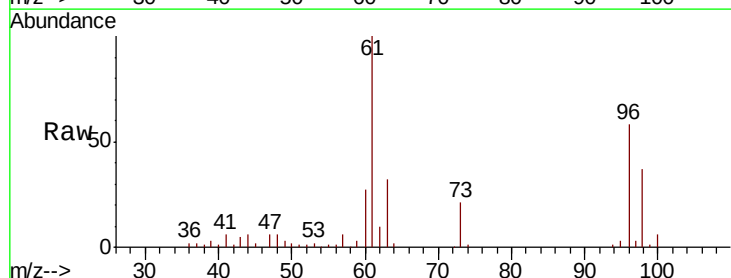
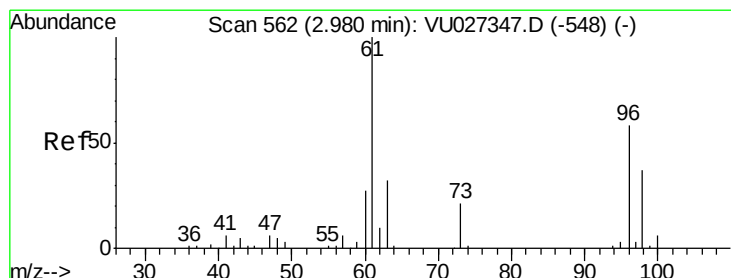
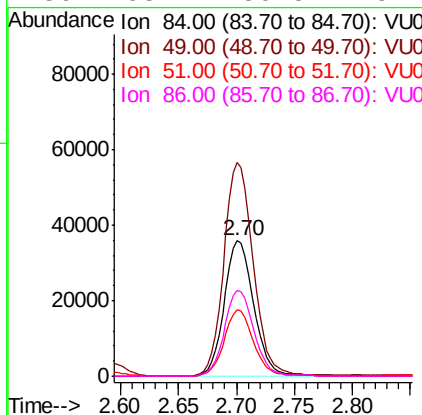
Tot Ion	84	Resp	63422
Ion	Ratio	Lower	Upper
84	100		
49	157.5	126.0	189.0
51	48.7	0.0	97.4
86	63.1	50.5	75.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

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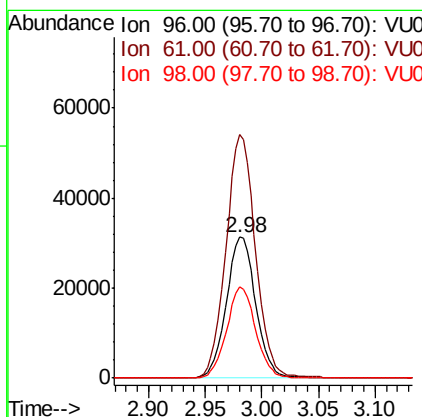
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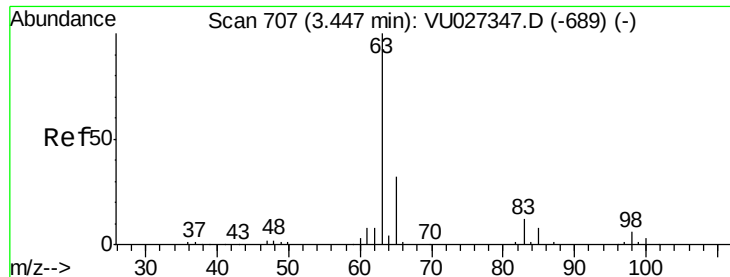
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#16
trans-1,2-Dichloroethene
Concen: 11.310 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	96	Resp	57015
Ion	Ratio	Lower	Upper
96	100		
61	172.8	138.2	207.4
98	64.4	51.5	77.3





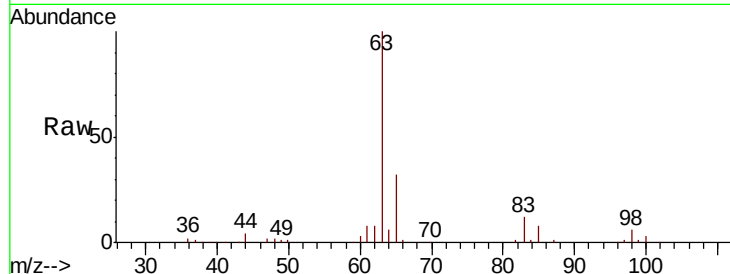
#17
 1,1-Dichloroethane
 Concen: 13.016 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

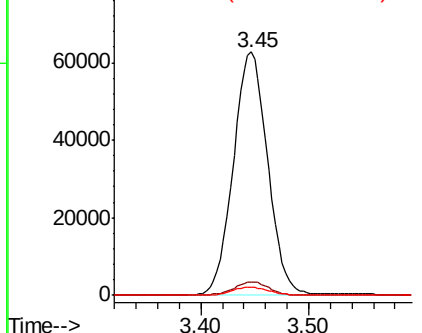
Tot Ion:	63	Resp:	139478
Ion Ratio	Lower	Upper	
63	100		
98	5.7	2.9	8.6
100	3.5	1.8	5.3

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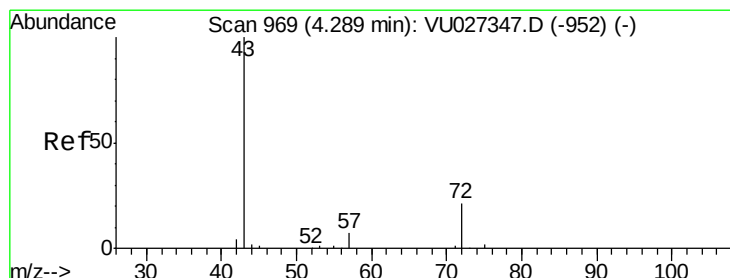
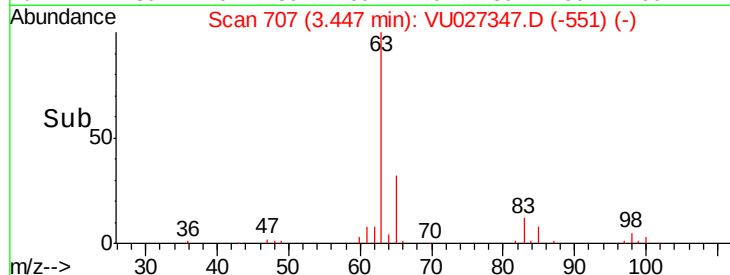
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Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

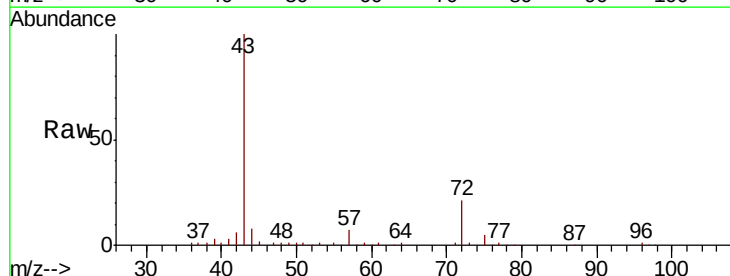


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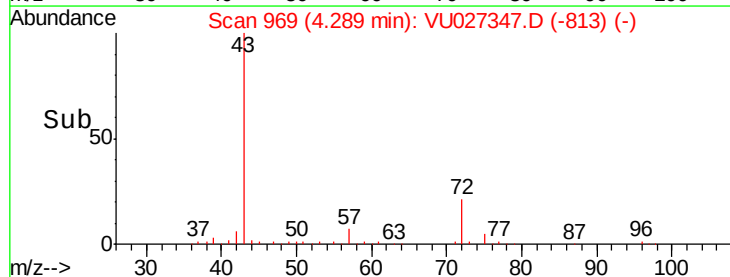
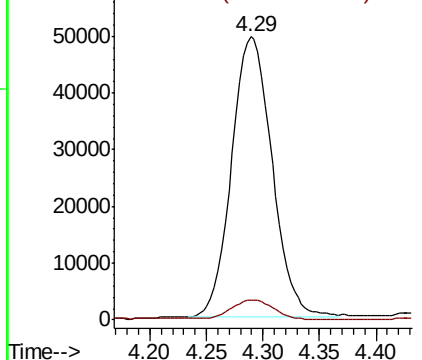


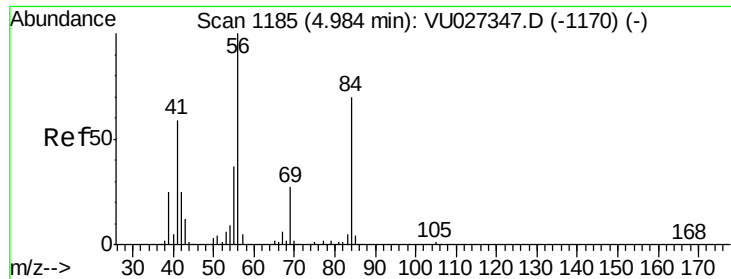
#18
 2-Butanone
 Concen: 67.917 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion:	43	Resp:	122697
Ion Ratio	Lower	Upper	
43	100		
57	7.2	0.0	14.4



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





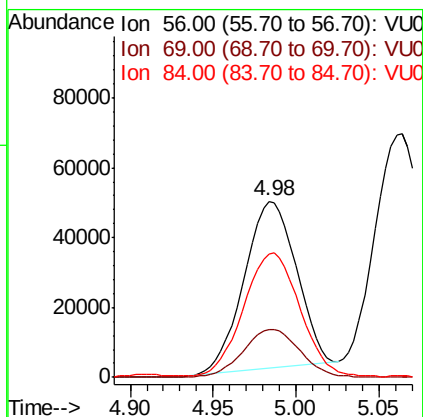
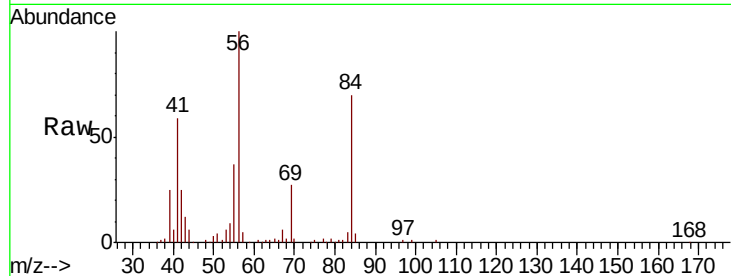
#19
Cyclohexane
Concen: 11.798 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

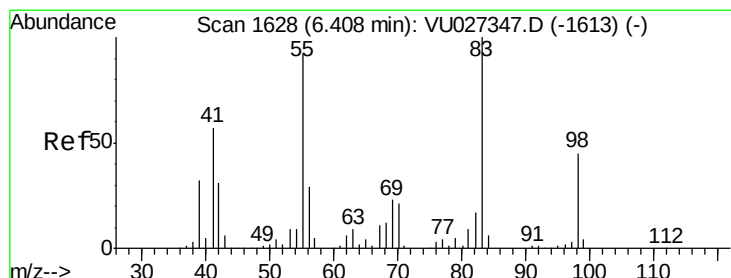
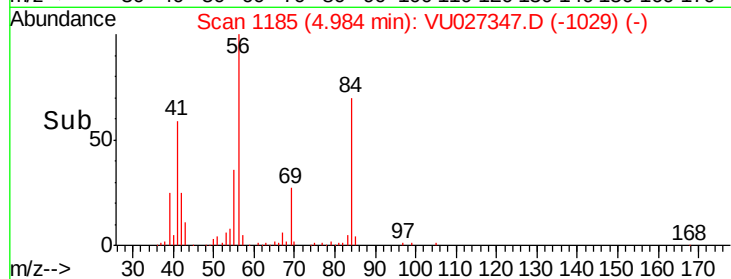
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	78.8	63.0	94.6

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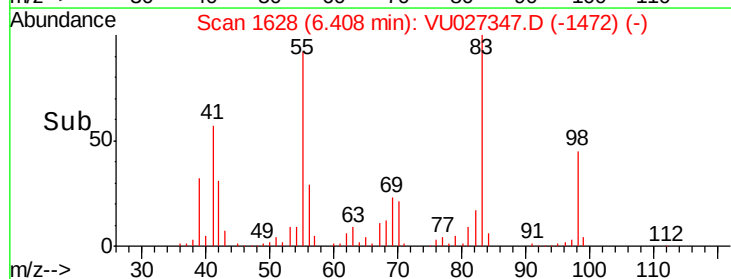
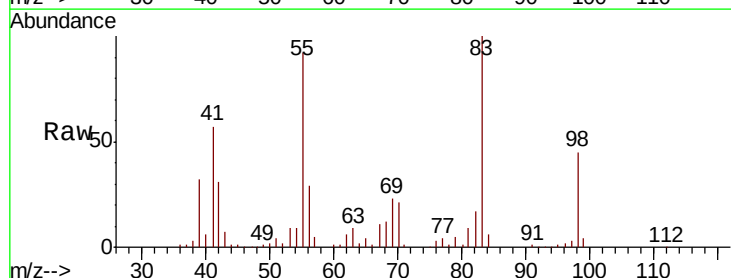
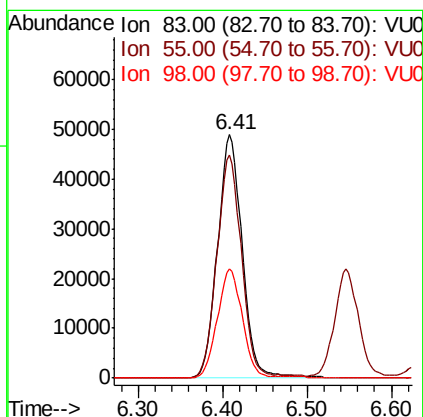


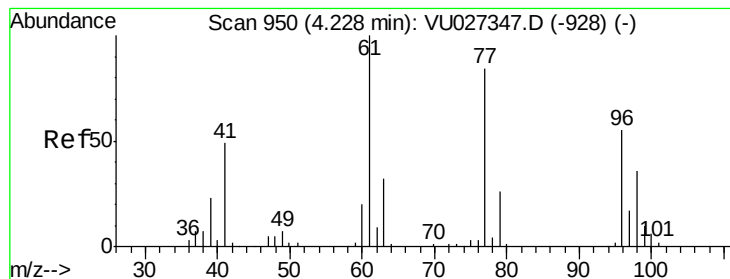
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#20
Methylcyclohexane
Concen: 10.249 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.5	71.6	107.4
98	44.7	35.8	53.6





#21

2,2-Dichloropropane

Concen: 13.950 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Tot Ion: 77 Resp: 113208

Ion Ratio Lower Upper

77 100

97 20.0 16.0 24.0

Instrument :

MSVOA_U

ClientSampleId :

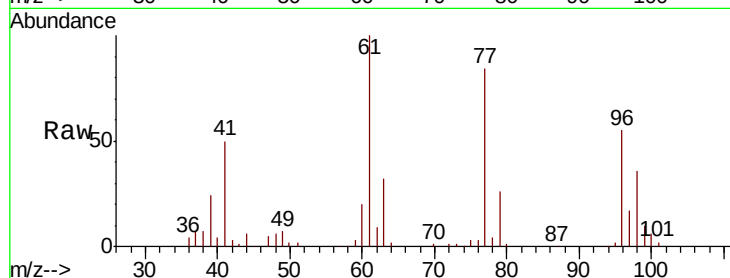
VSTDICCC010

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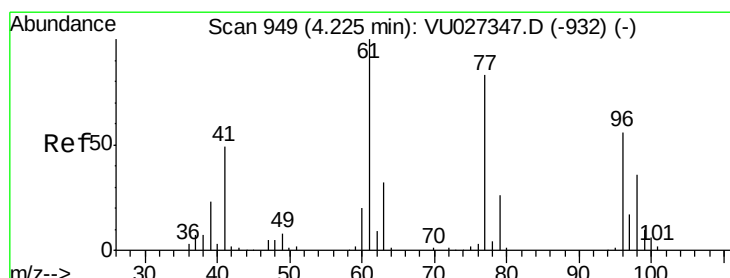
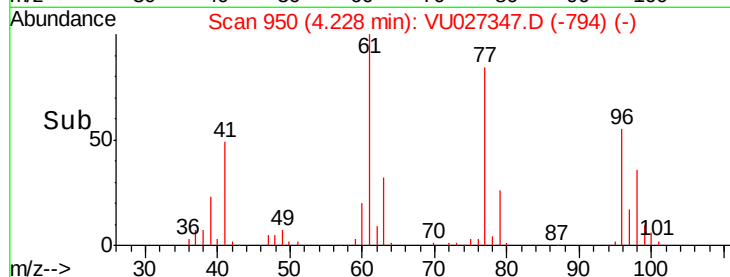
Abundance Ion 77.00 (76.70 to 77.70): VU027347.D (-928) (-)

Ion 97.00 (96.70 to 97.70): VU027347.D (-928) (-)

4.23

4.10 4.20 4.30

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.682 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

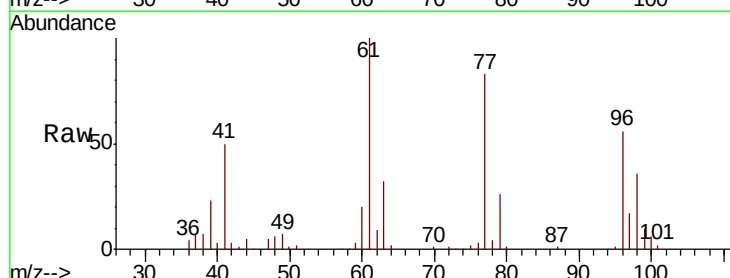
Tgt Ion: 96 Resp: 66923

Ion Ratio Lower Upper

96 100

61 184.7 0.0 461.8

98 64.9 32.5 97.4



Abundance Ion 96.00 (95.70 to 96.70): VU027347.D (-949) (-)

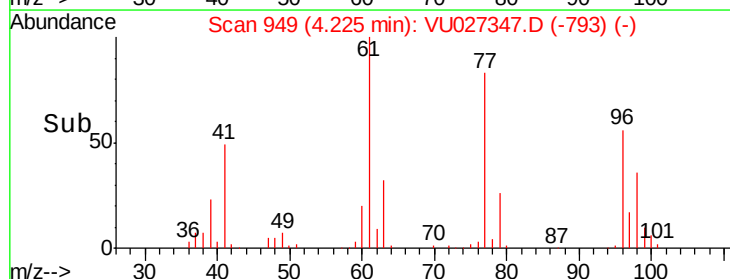
Ion 61.00 (60.70 to 61.70): VU027347.D (-949) (-)

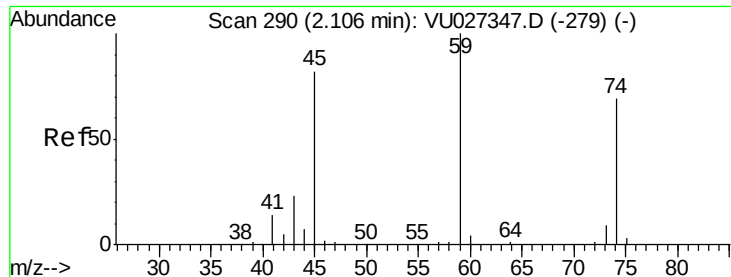
Ion 98.00 (97.70 to 98.70): VU027347.D (-949) (-)

4.22

4.15 4.20 4.25 4.30

Time-->





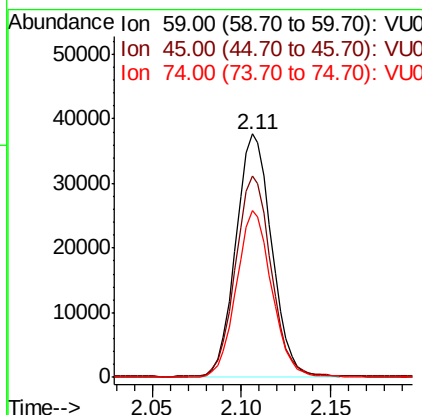
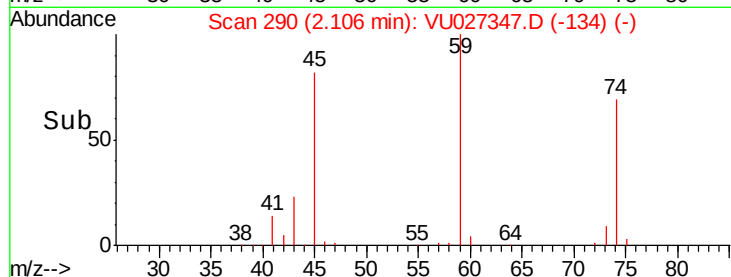
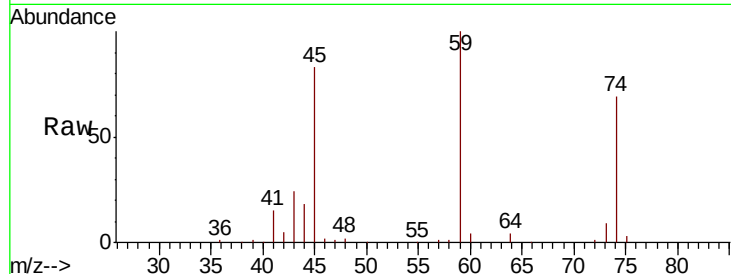
#23
Diethyl Ether
Concen: 12.731 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

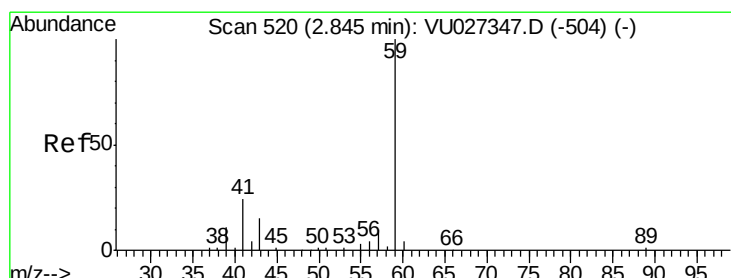
Tot Ion:	59	Resp:	52729
Ion	Ratio	Lower	Upper
59	100		
45	81.5	65.2	97.8
74	67.8	54.2	81.4

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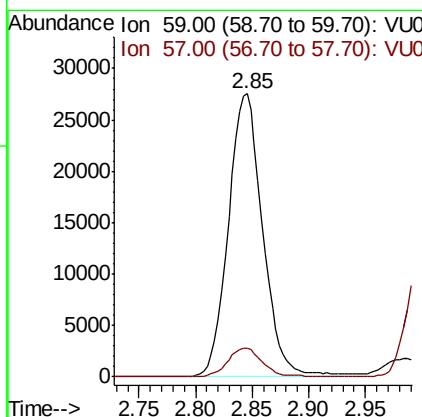
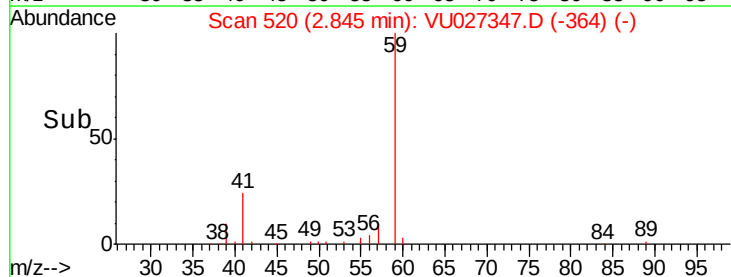
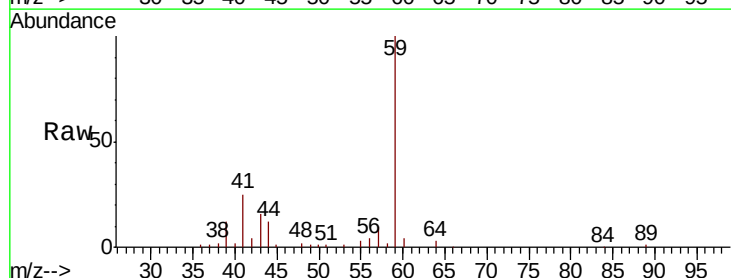


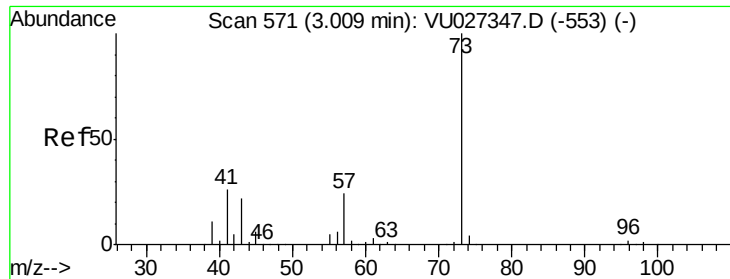
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#24
tert-Butyl Alcohol
Concen: 116.535 ug/l
RT: 2.85 min Scan# 520
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion:	59	Resp:	58165
Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2





#25

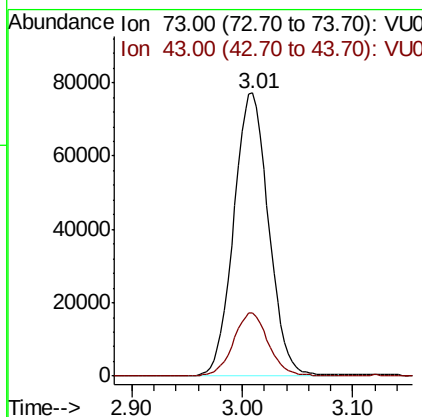
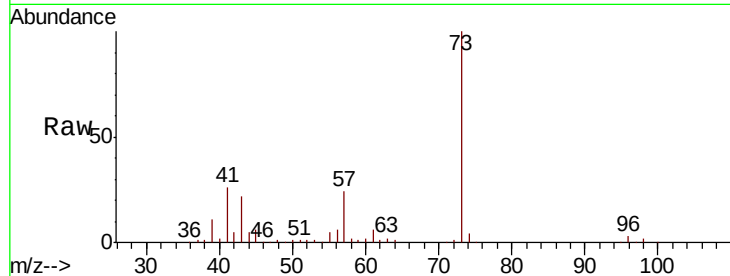
Methyl tert-Butyl Ether
 Concen: 13.018 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

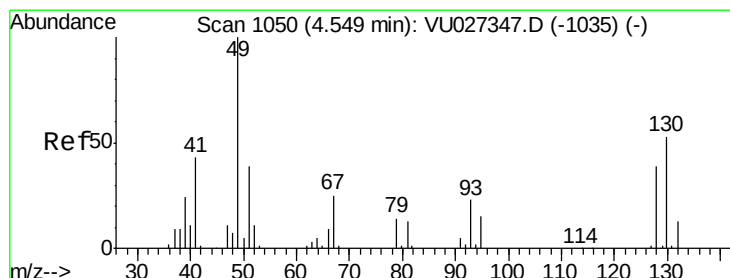
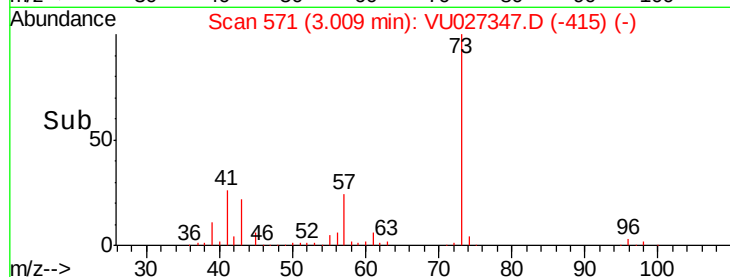
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.6	26.4

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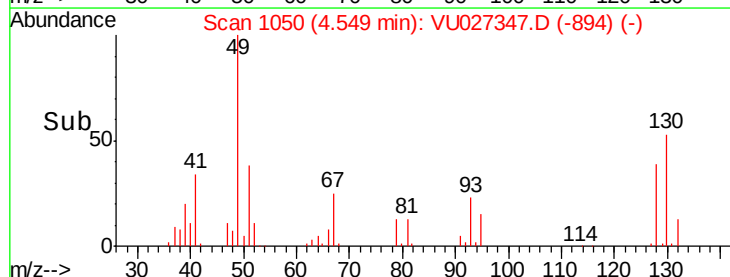
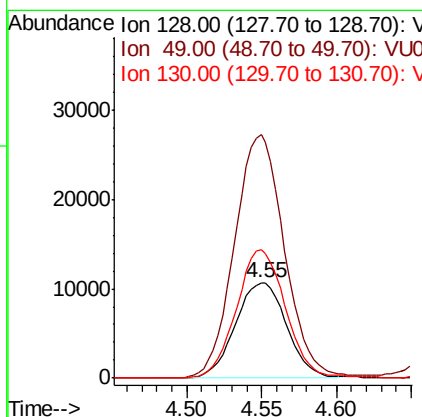
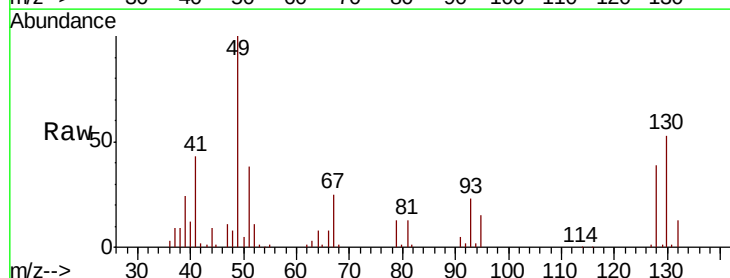
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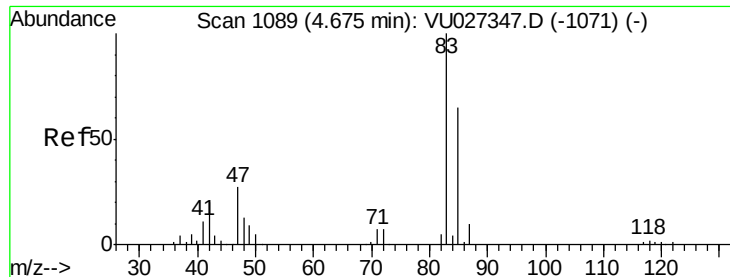


#26

Bromochloromethane
 Concen: 9.575 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
49	249.4	0.0	498.8
130	129.8	103.8	155.8





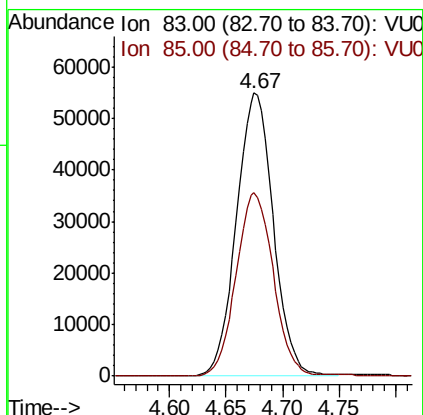
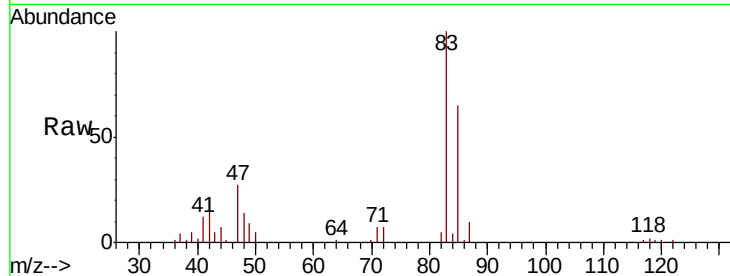
#27
Chloroform
Concen: 11.410 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

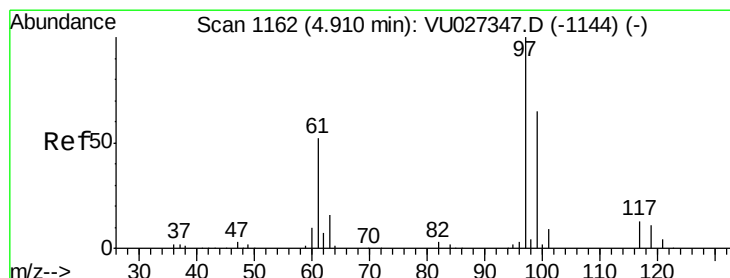
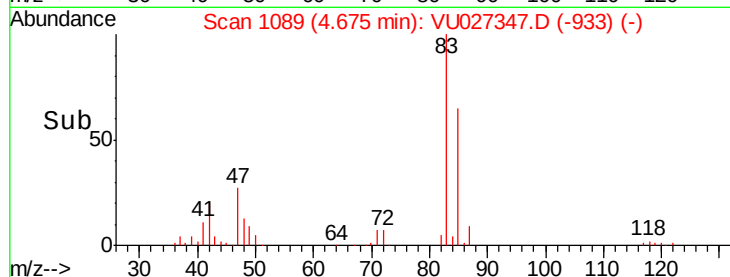
Tot Ion	83	Resp	124944
Ion Ratio	100	Lower	Upper
85	64.7	0.0	129.4

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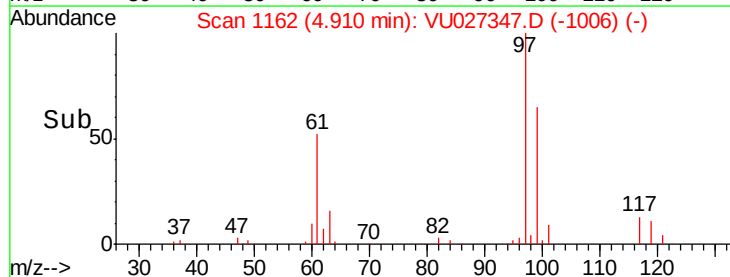
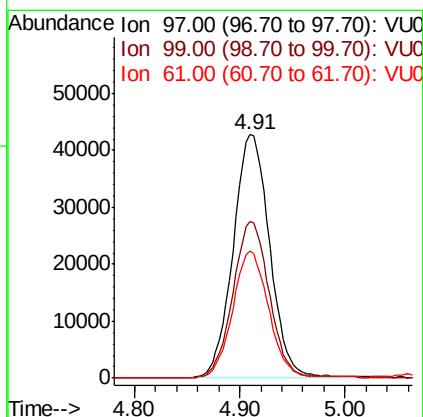
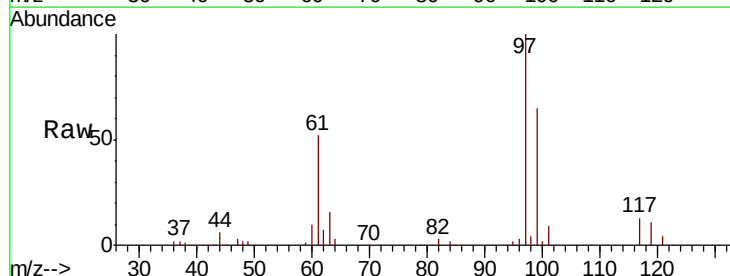


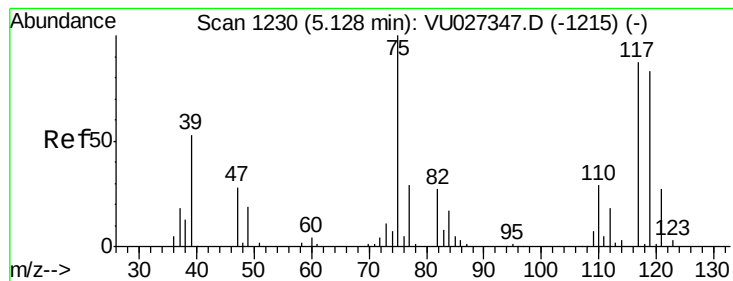
10/5/2018 11:56:30 AM



#28
1,1,1-Trichloroethane
Concen: 12.013 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	97	Resp	103007
Ion Ratio	100	Lower	Upper
99	63.9	31.9	95.9
61	51.4	25.7	77.1





#29

1,1-Dichloropropene

Concen: 10.950 ug/l

RT: 5.13 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

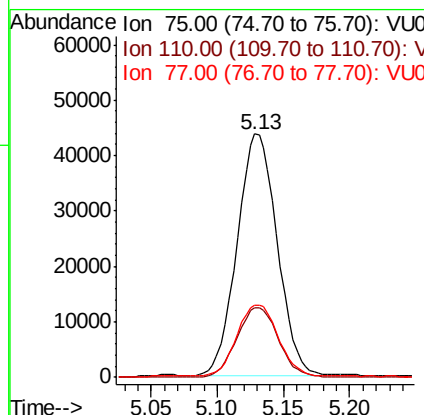
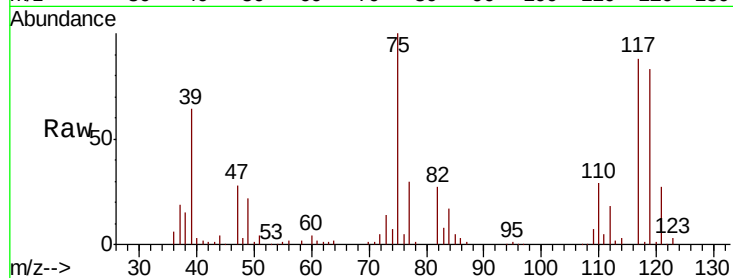
ClientSampleId :

VSTDICCC010

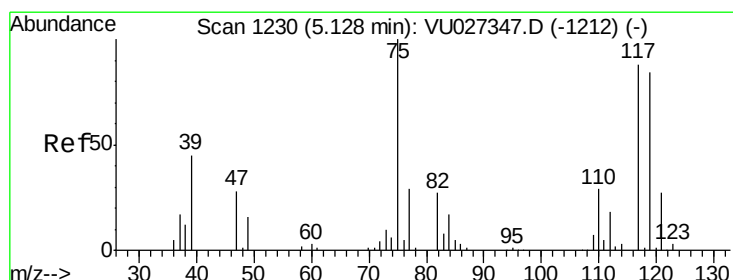
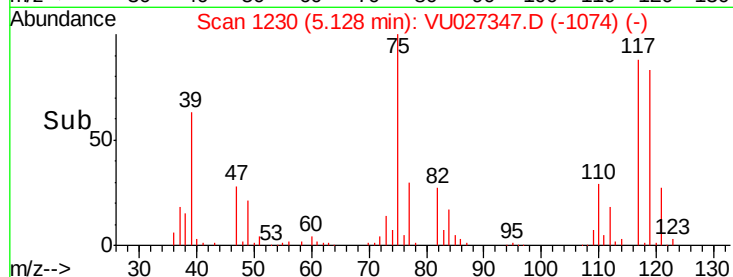
Tot Ion:	75	Resp:	91404
Ion Ratio	Lower	Upper	
75	100		
110	30.0	15.0	45.0
77	30.2	24.2	36.2

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 12.167 ug/l

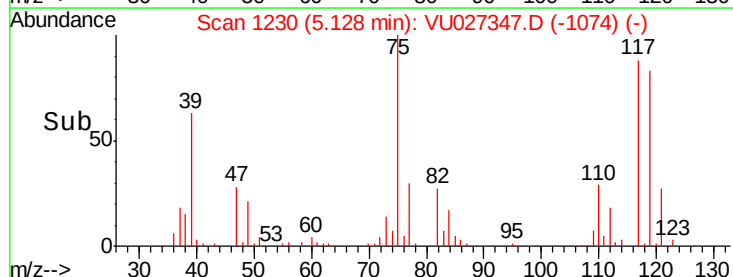
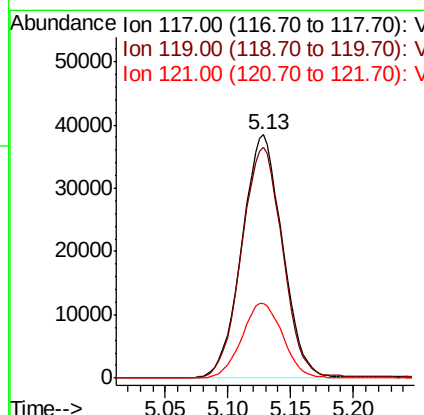
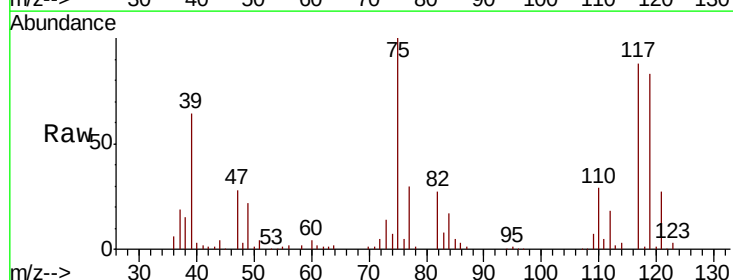
RT: 5.13 min Scan# 1230

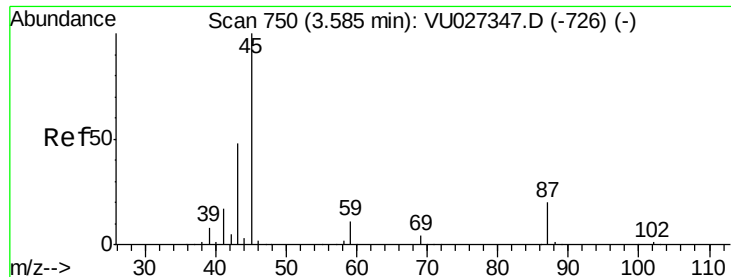
Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Tgt Ion:	117	Resp:	86703
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.9	113.9
121	30.8	24.6	37.0





#31

Isopropyl Ether

Concen: 13.639 ug/l

RT: 3.58 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 259990

Ion Ratio Lower Upper

45 100

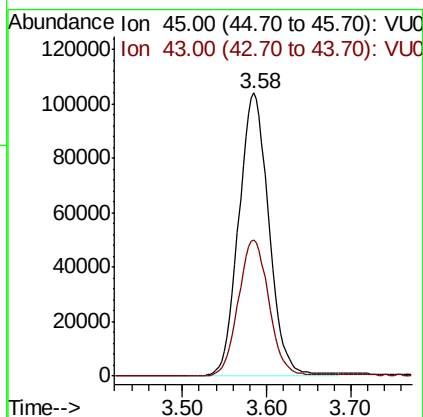
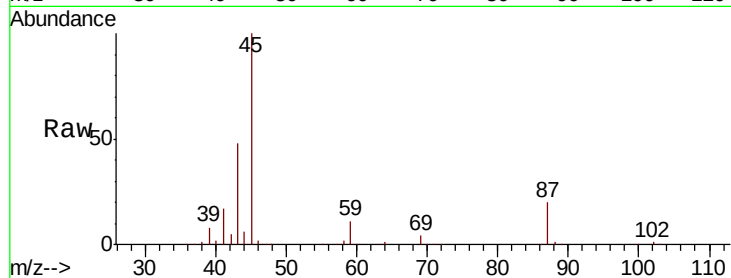
43 48.2 24.1 72.3

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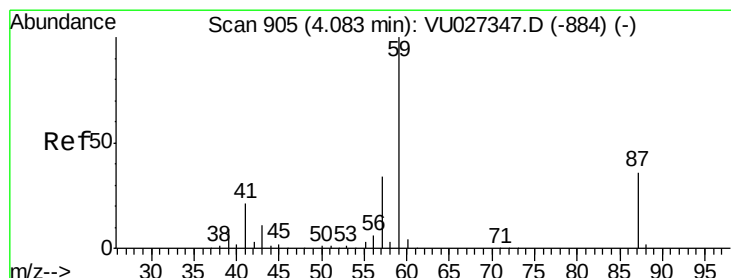
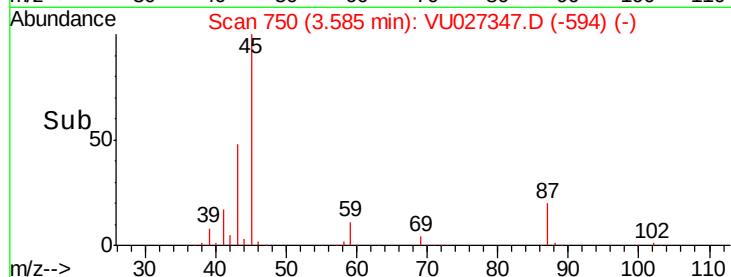
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#32

Ethyl-t-butyl ether

Concen: 12.918 ug/l

RT: 4.08 min Scan# 905

Delta R.T. 0.00 min

Lab File: VU027347.D

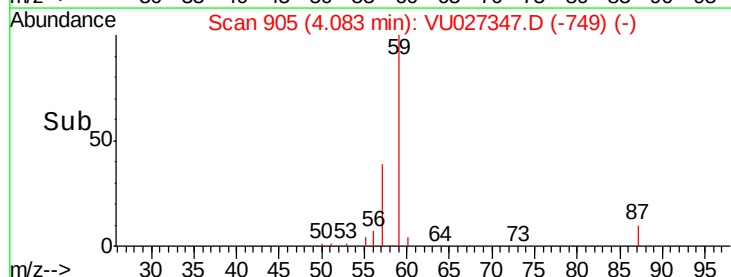
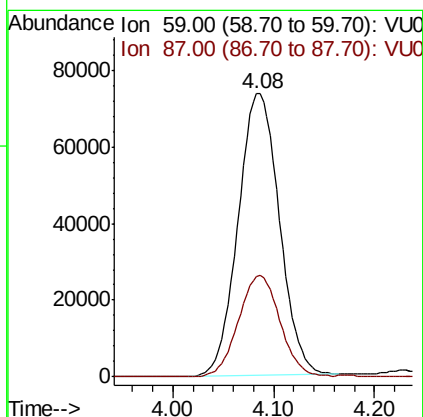
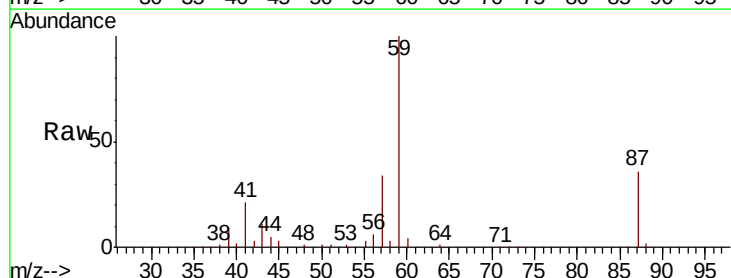
Acq: 02 Oct 2018 16:59

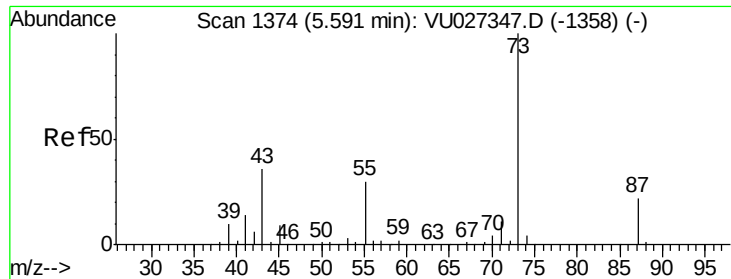
Tgt Ion: 59 Resp: 208609

Ion Ratio Lower Upper

59 100

87 35.7 28.6 42.8





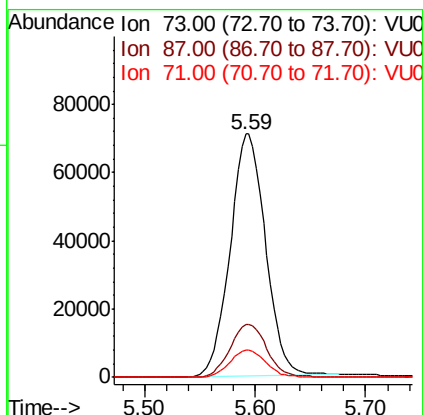
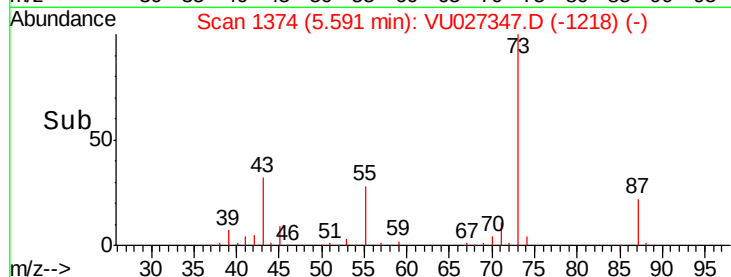
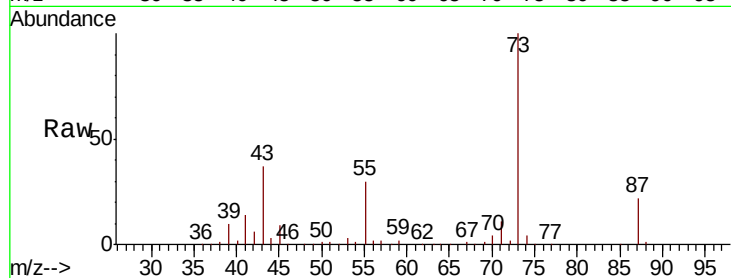
#33
Tert-Amvl methvl ether
Concen: 11.955 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

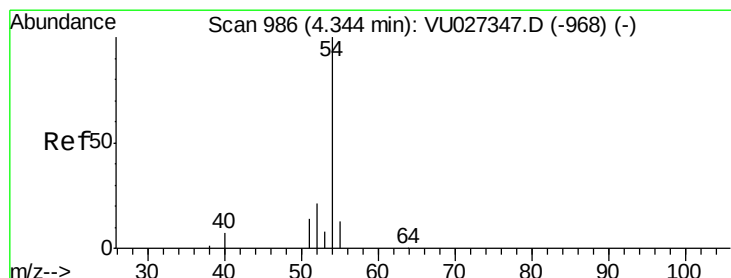
Tot Ion	Ratio	Lower	Upper
73	100		
87	22.6	18.1	27.1
71	11.5	9.2	13.8

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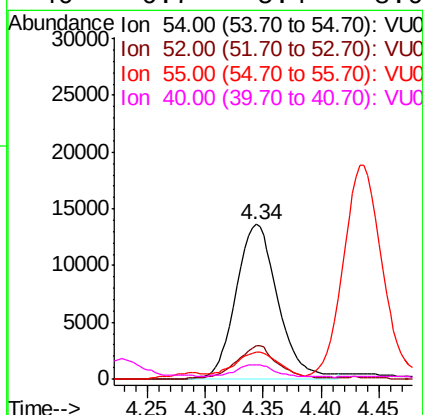
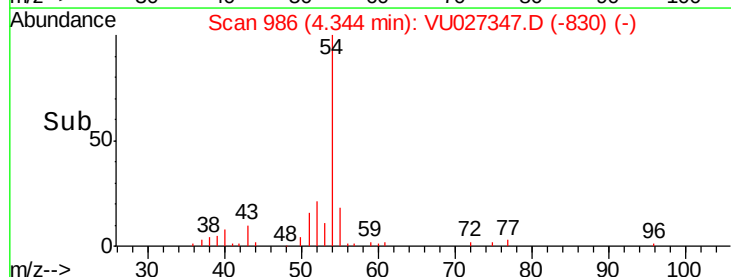
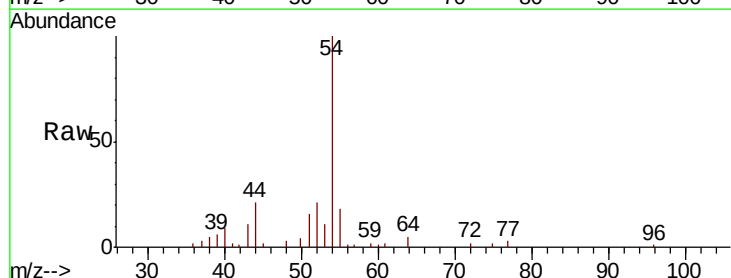


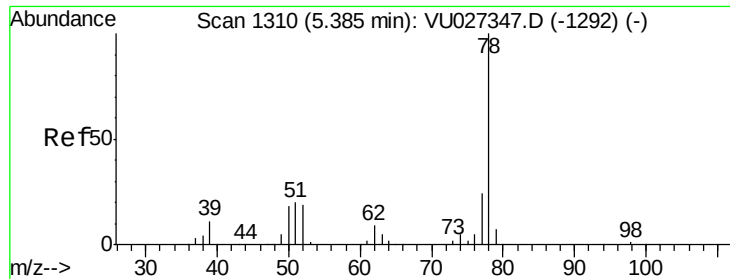
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#34
Propionitrile
Concen: 66.337 ug/l
RT: 4.34 min Scan# 986
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
54	100		
52	21.1	16.9	25.3
55	17.4	13.9	20.9
40	6.7	5.4	8.0





#35

Benzene

Concen: 11.164 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 78 Resp: 270555

Ion Ratio Lower Upper

78 100

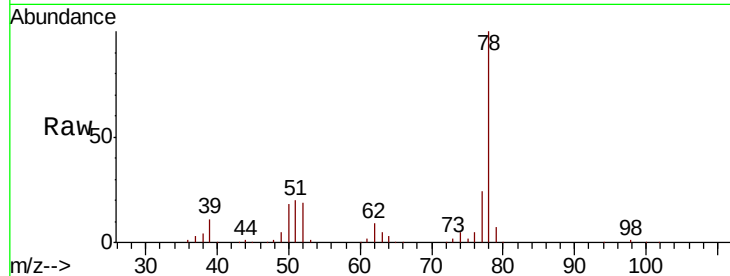
77 24.4 19.5 29.3

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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

150000

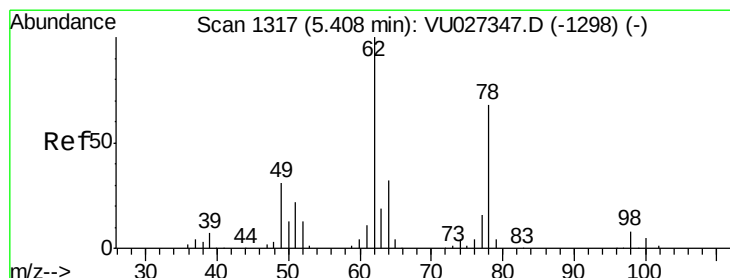
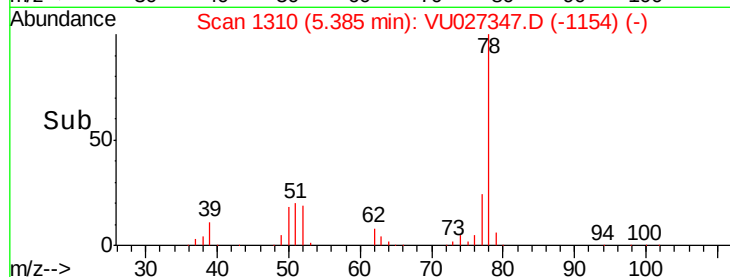
100000

50000

0

Time-->

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#36

1,2-Dichloroethane

Concen: 12.960 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027347.D

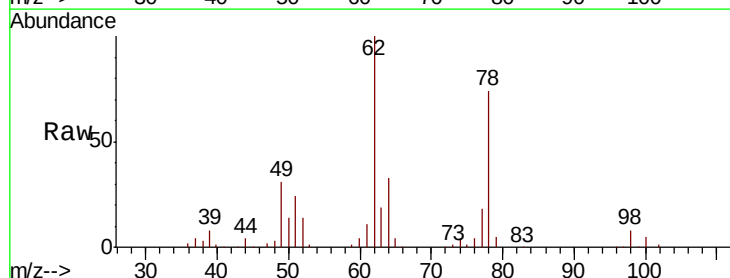
Acq: 02 Oct 2018 16:59

Tgt Ion: 62 Resp: 90549

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

50000

40000

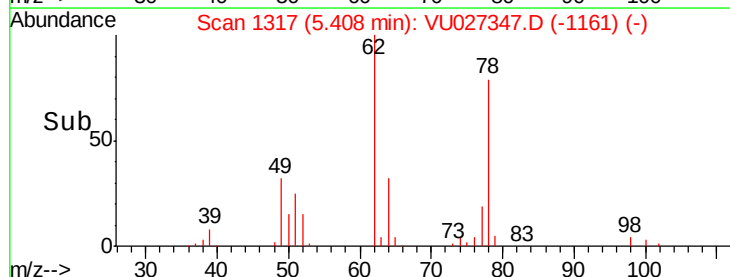
30000

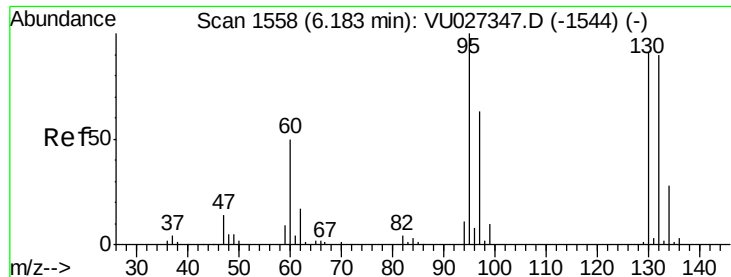
20000

10000

0

Time-->





#37

Trichloroethene

Concen: 9.301 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:130 Resp: 59553

Ion Ratio Lower Upper

130 100

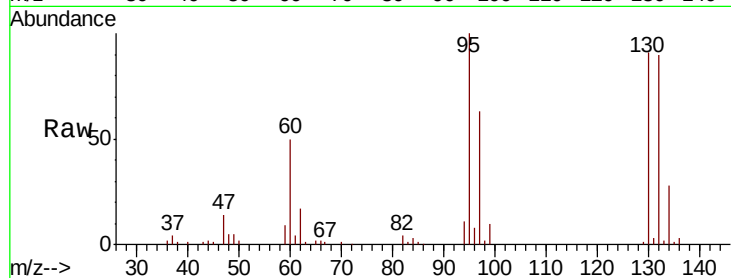
95 109.5 87.6 131.4

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

Ion 94.90 (94.60 to 95.60): VU027347.D (-1544) (-)

6.18

30000

20000

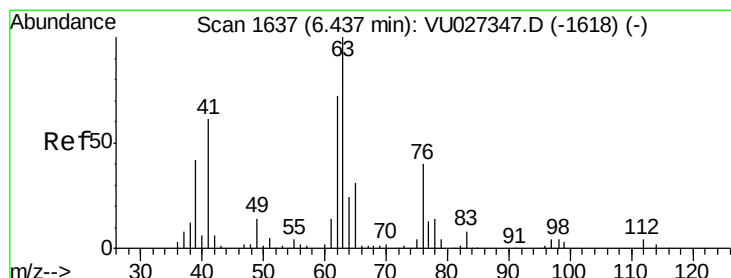
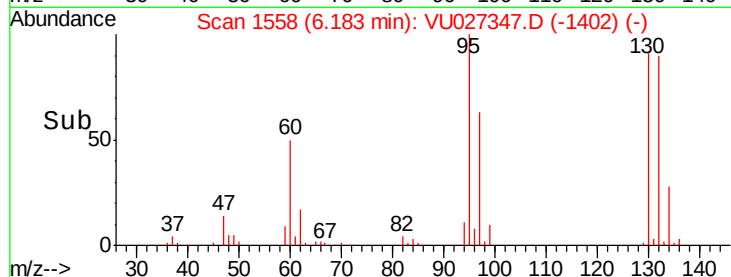
10000

0

Time-->

6.10 6.15 6.20 6.25

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#38

1,2-Dichloropropane

Concen: 12.656 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027347.D

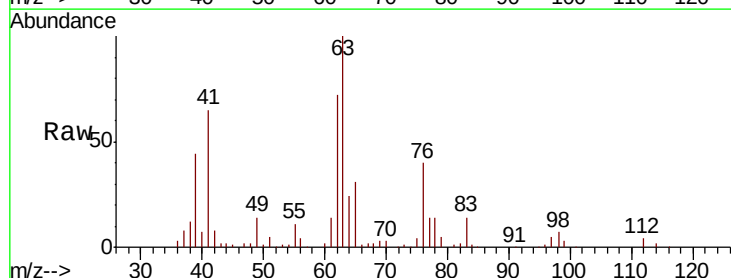
Acq: 02 Oct 2018 16:59

Tgt Ion: 63 Resp: 81624

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



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

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

6.44

40000

30000

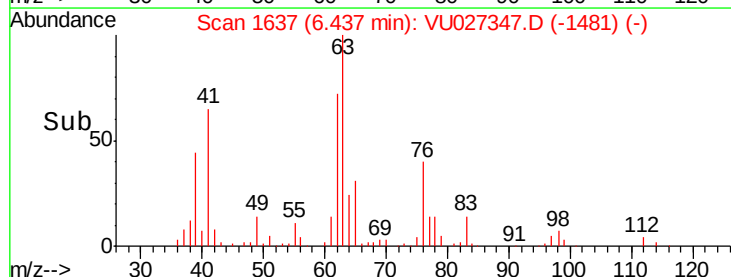
20000

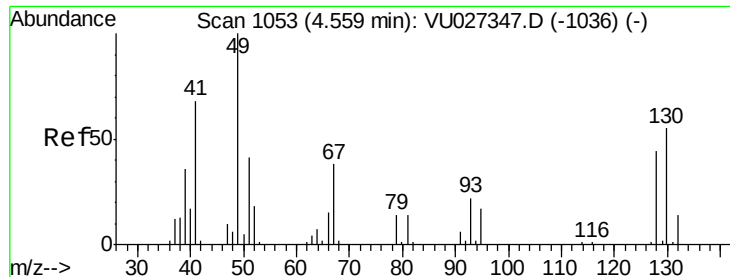
10000

0

Time-->

6.40 6.50





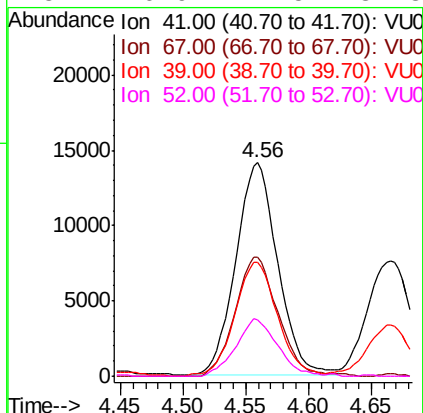
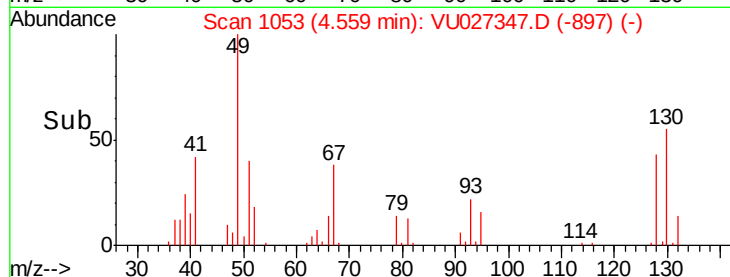
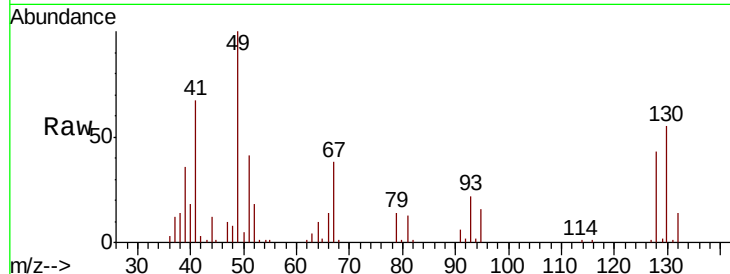
#39
Methacrylonitrile
Concen: 14.231 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

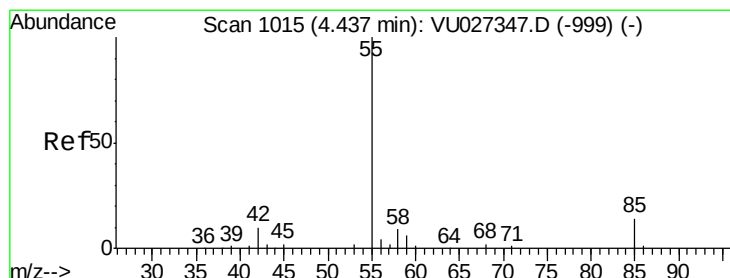
Tot Ion	41	Resp	32686
Ion	Ratio	Lower	Upper
41	100		
67	57.7	46.2	69.2
39	54.7	43.8	65.6
52	26.9	21.5	32.3

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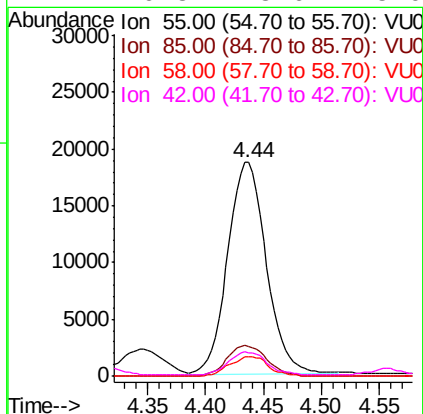
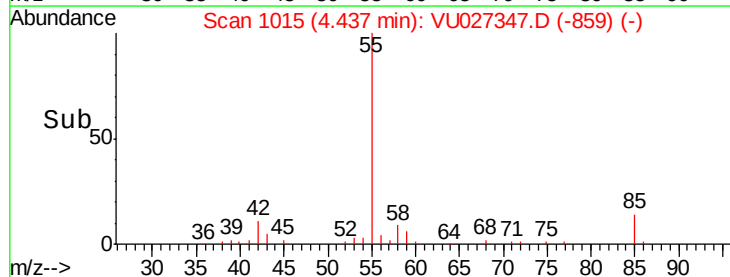
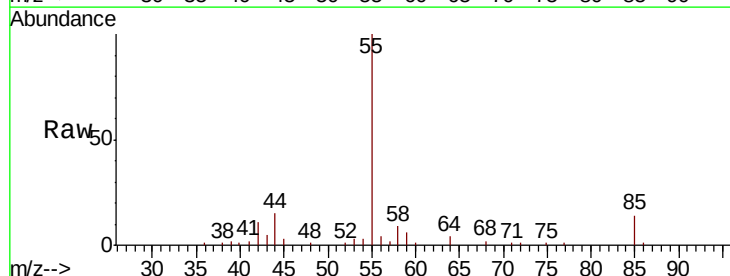


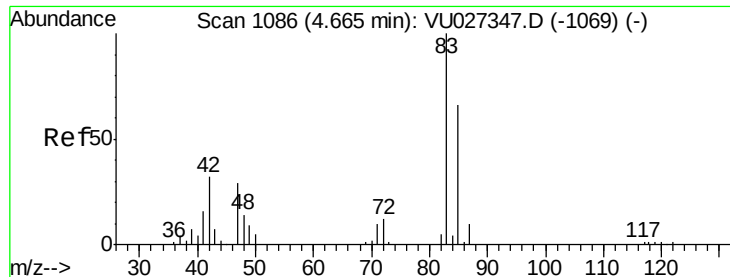
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#40
Methyl acrylate
Concen: 13.194 ug/l
RT: 4.44 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	55	Resp	42985
Ion	Ratio	Lower	Upper
55	100		
85	14.8	11.8	17.8
58	9.1	7.3	10.9
42	10.8	8.6	13.0





#41

Tetrahydrofuran

Concen: 25.809 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

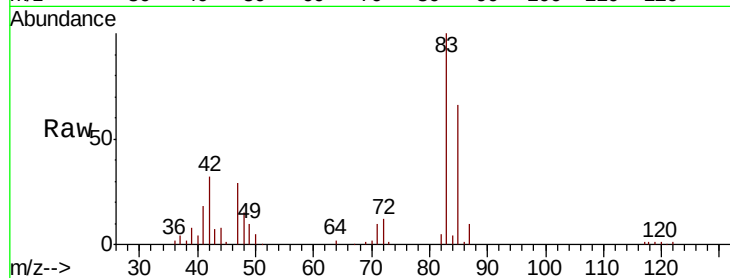
ClientSampleId :

VSTDICCC010

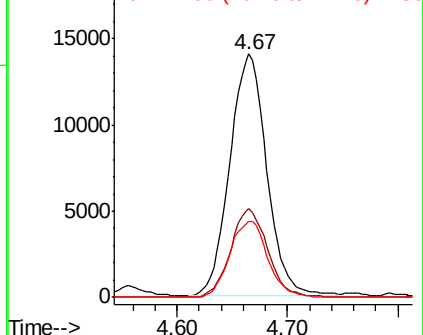
Tot Ion:	42	Resp:	32471
Ion	Ratio	Lower	Upper
42	100		
72	36.5	29.2	43.8
71	32.3	25.8	38.8

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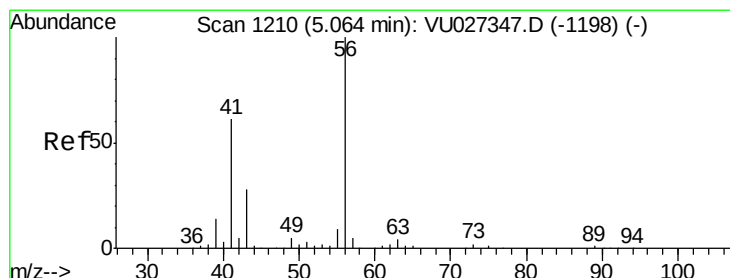
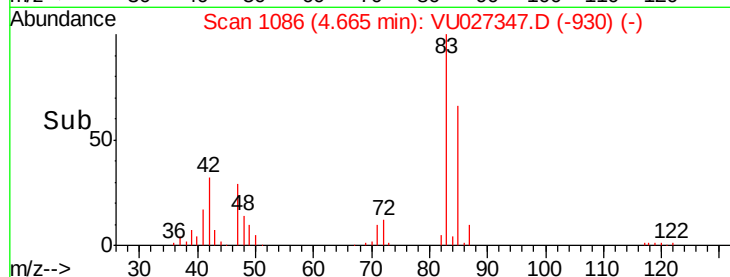
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Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



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#42

1-Chlorobutane

Concen: 12.515 ug/l

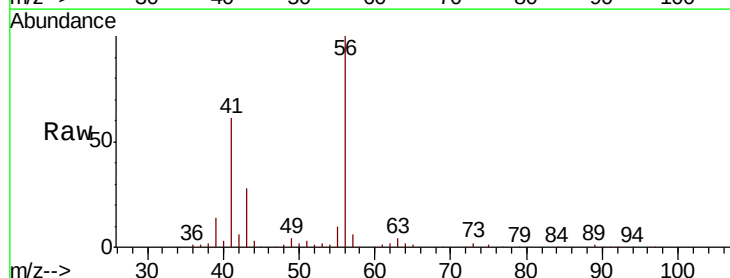
RT: 5.06 min Scan# 1210

Delta R.T. 0.00 min

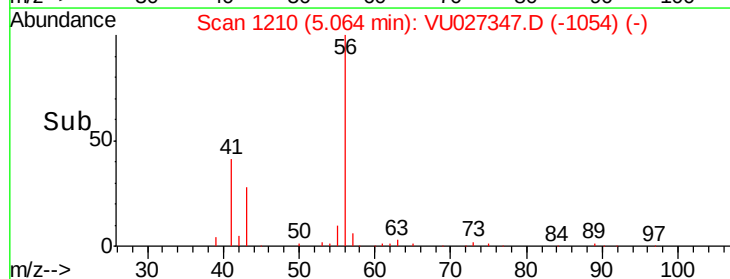
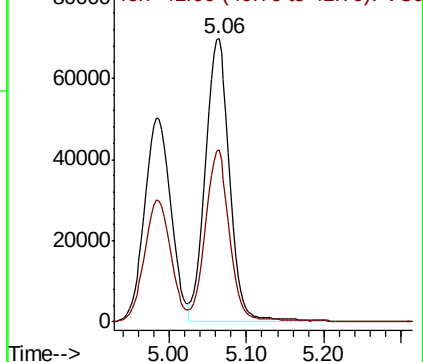
Lab File: VU027347.D

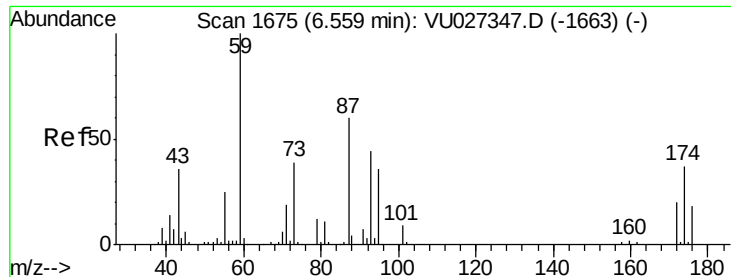
Acq: 02 Oct 2018 16:59

Tgt Ion:	56	Resp:	153003
Ion	Ratio	Lower	Upper
56	100		
41	57.5	28.7	86.3



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





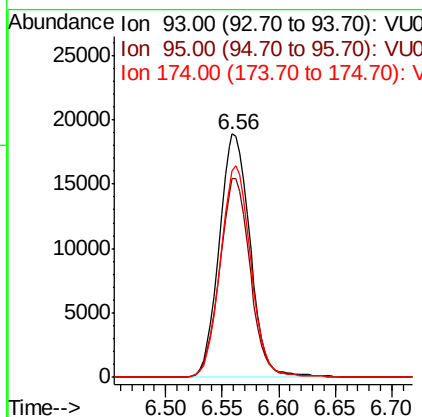
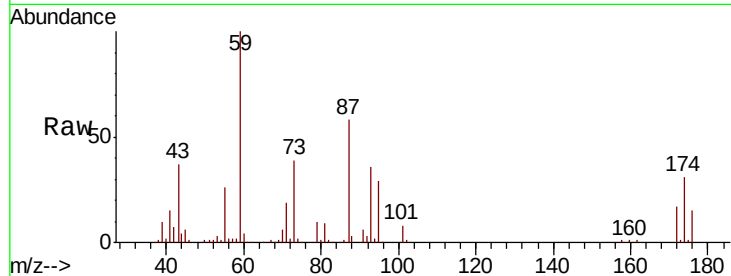
#43
Dibromomethane
Concen: 12.407 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

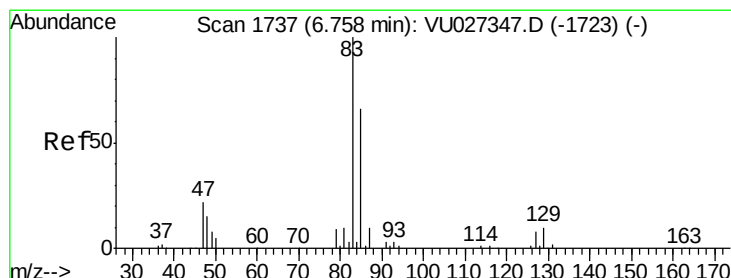
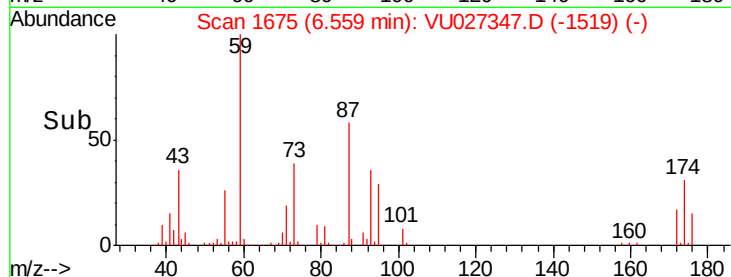
Tot Ion	Ratio	Lower	Upper
93	100		
95	80.9	64.7	97.1
174	85.3	68.2	102.4

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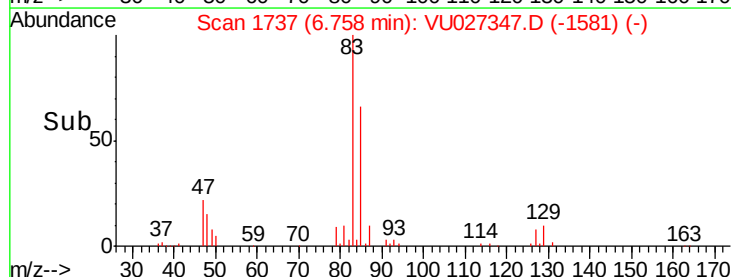
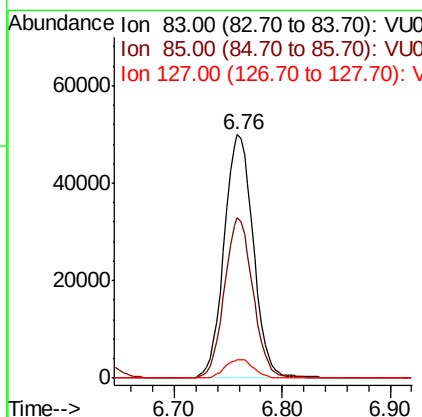
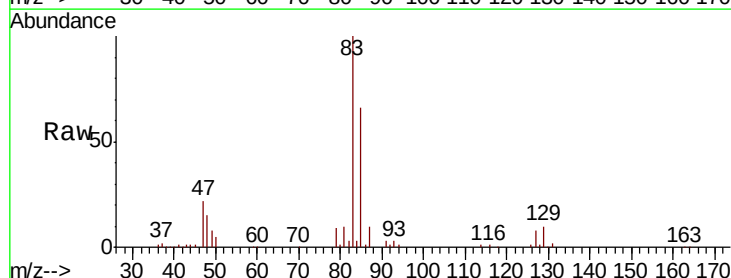


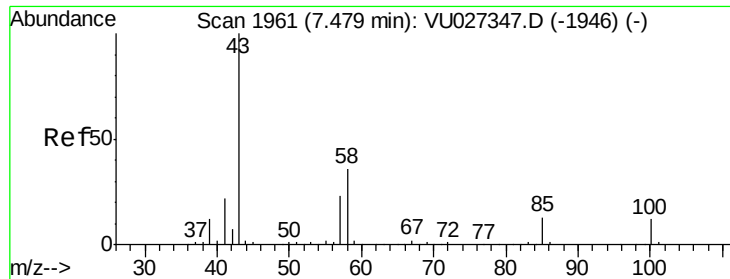
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#44
Bromodichloromethane
Concen: 13.357 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	79.0
127	7.7	6.2	9.2





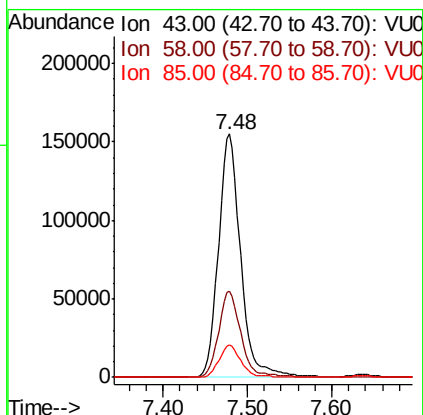
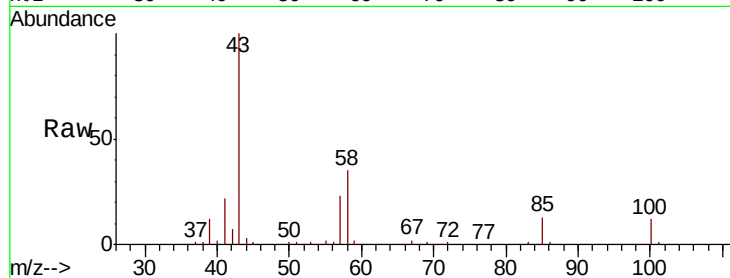
#45
4-Methyl-2-Pentanone
Concen: 67.921 ug/l
RT: 7.48 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

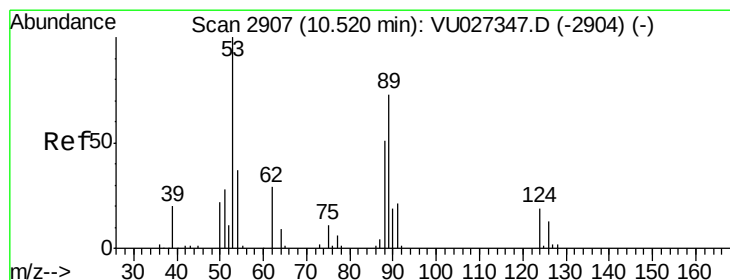
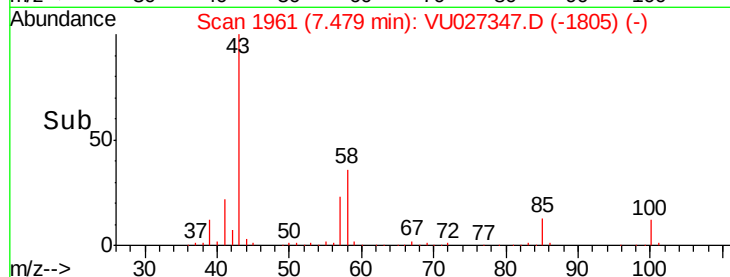
Tot Ion	Ratio	Lower	Upper
43	100		
58	35.9	17.9	53.8
85	13.3	10.6	16.0

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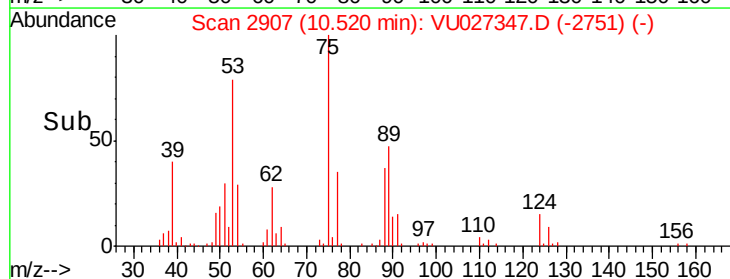
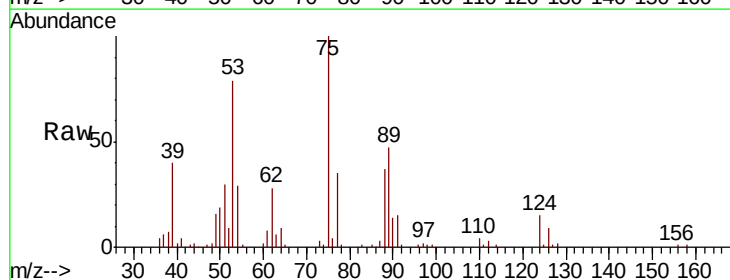
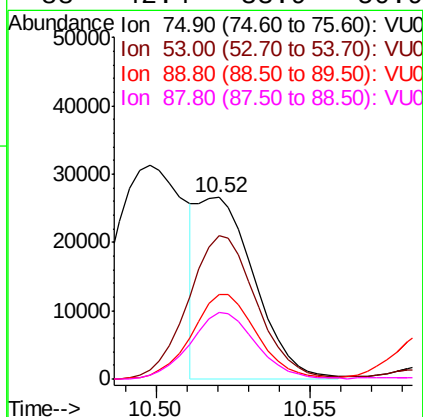


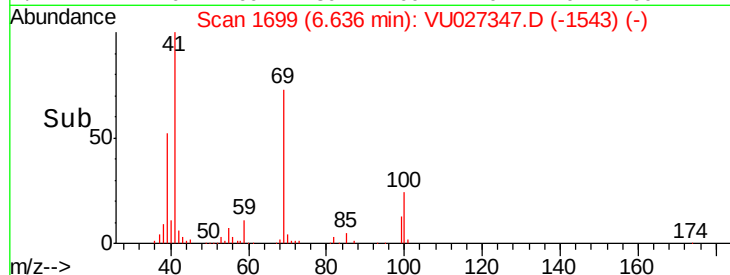
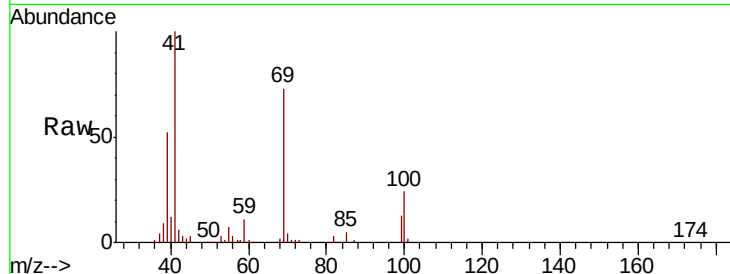
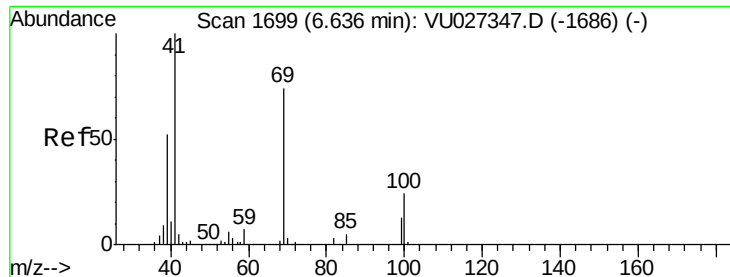
10/5/2018 11:56:30 AM



#46
t-1,4-Dichloro-2-butene
Concen: 31.574 ug/l m
RT: 10.52 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.6	75.7	113.5
89	53.3	42.6	64.0
88	42.4	33.9	50.9





#47

Methyl methacrylate

Concen: 24.727 ug/l

RT: 6.64 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

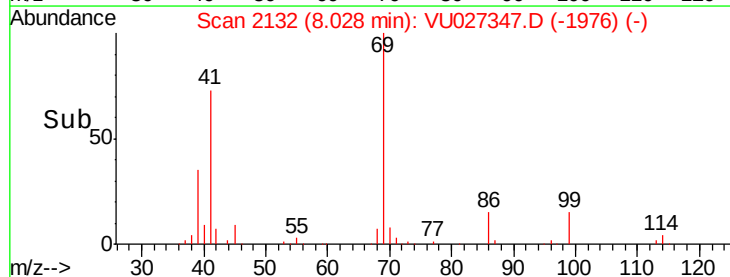
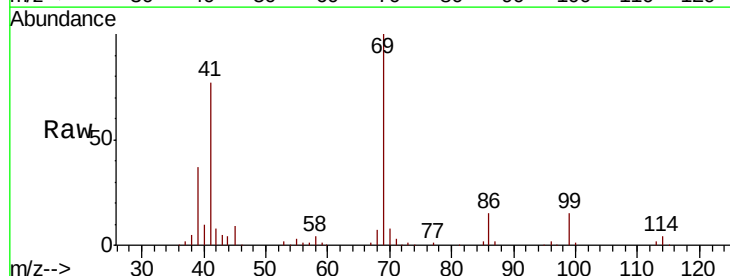
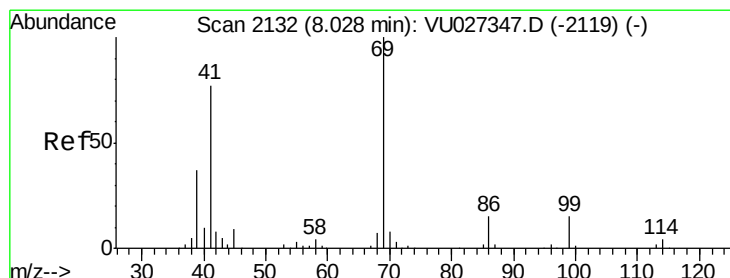
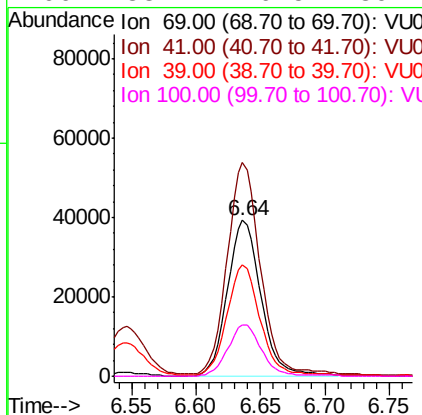
Tot Ion:	69	Resp:	71218
Ion	Ratio	Lower	Upper
69	100		
41	136.1	0.0	272.2
39	70.5	56.4	84.6
100	33.1	26.5	39.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
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#48

Ethyl methacrylate

Concen: 12.460 ug/l

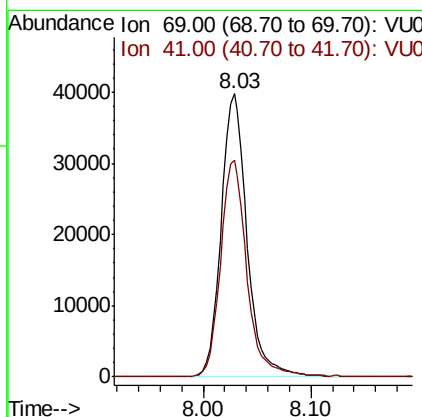
RT: 8.03 min Scan# 2132

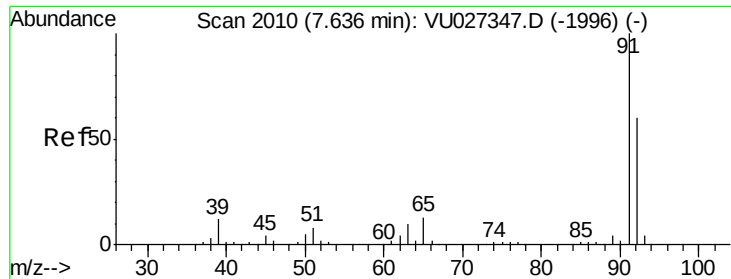
Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Tgt Ion:	69	Resp:	66297
Ion	Ratio	Lower	Upper
69	100		
41	77.8	38.9	116.7





#49

Toluene

Concen: 11.112 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 92 Resp: 158265

Ion Ratio Lower Upper

92 100

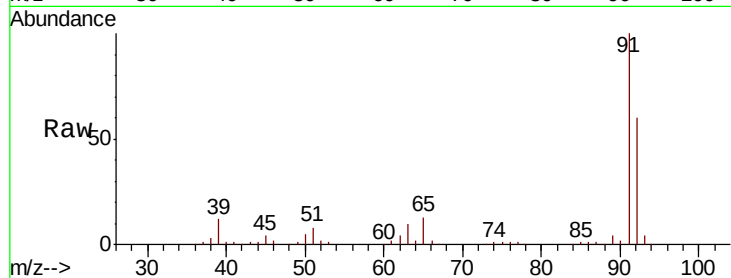
91 170.5 136.4 204.6

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

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

7.64

150000

100000

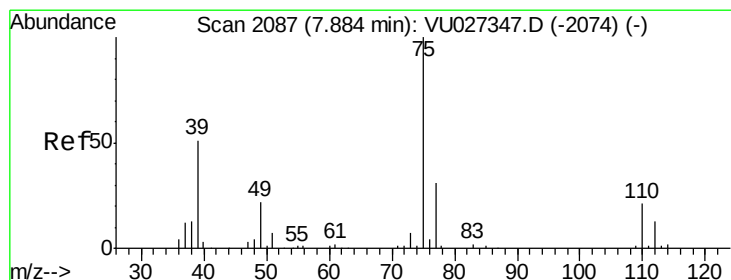
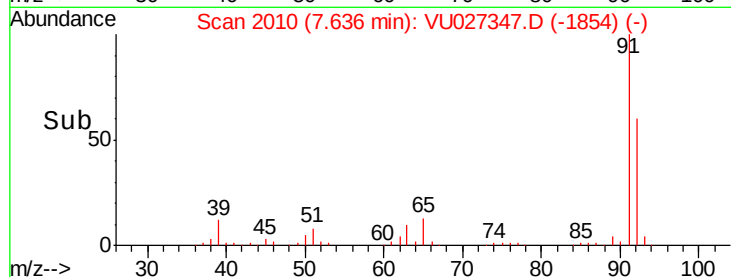
50000

0

7.60 7.70

Time-->

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#50

t-1,3-Dichloropropene

Concen: 14.278 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027347.D

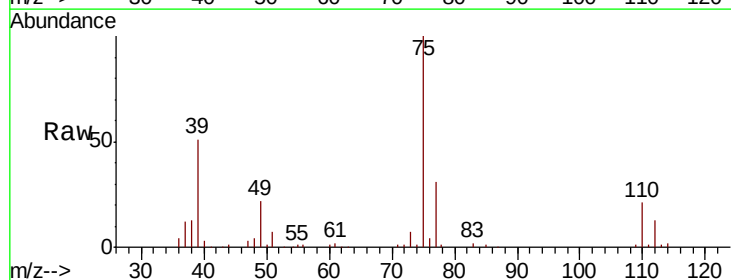
Acq: 02 Oct 2018 16:59

Tgt Ion: 75 Resp: 87142

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



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

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

7.88

60000

50000

40000

30000

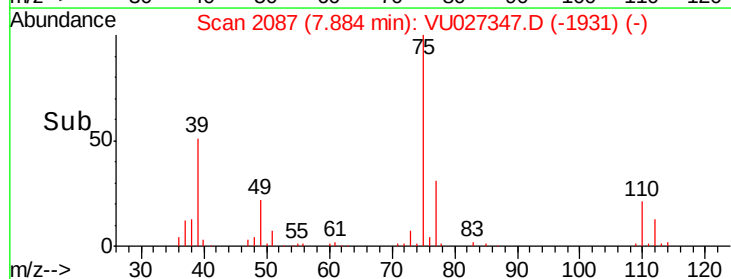
20000

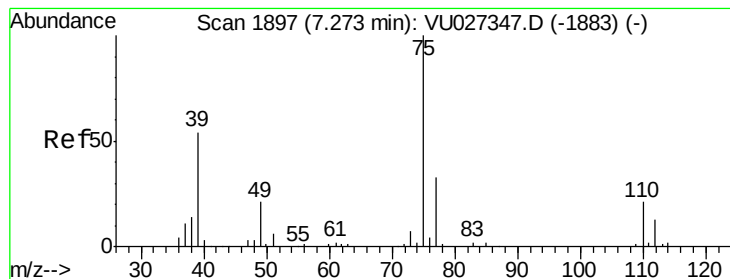
10000

0

7.80 7.90 8.00

Time-->





#51

cis-1,3-Dichloropropene

Concen: 13.266 ug/l

RT: 7.27 min Scan# 1897

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

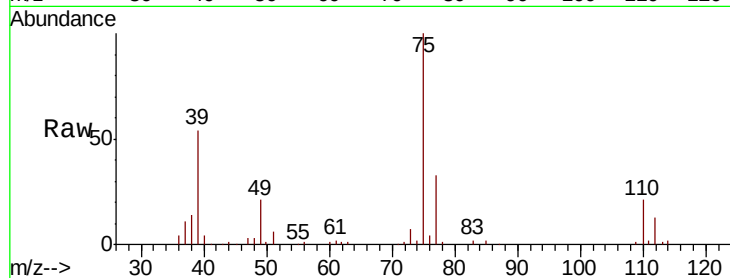
ClientSampleId :

VSTDICCC010

Tot Ion:	75	Resp:	102317
Ion Ratio	Lower	Upper	
75	100		
77	32.6	26.1	39.1
39	53.9	43.1	64.7

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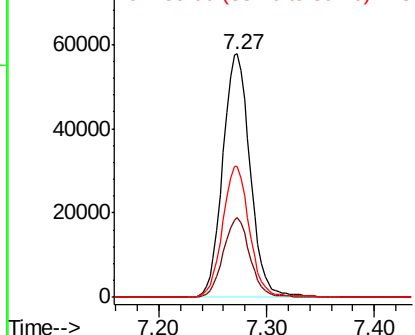


Abundance

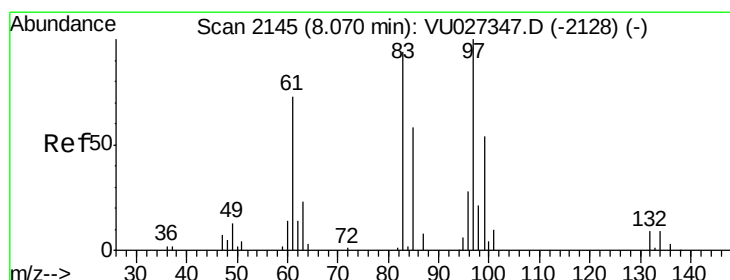
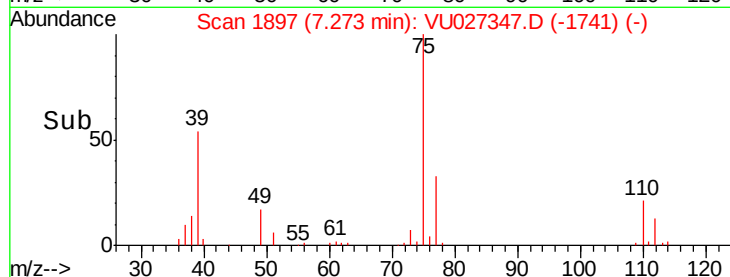
Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



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#52

1,1,2-Trichloroethane

Concen: 11.298 ug/l

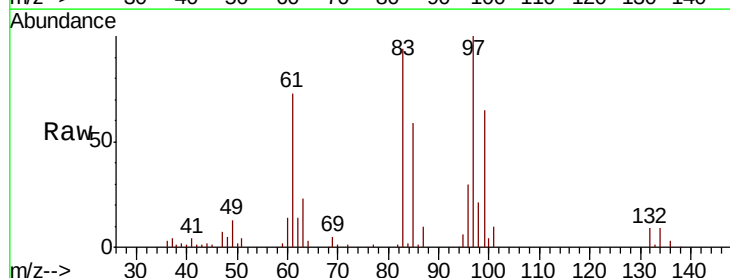
RT: 8.07 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Tgt Ion:	97	Resp:	48571
Ion Ratio	Lower	Upper	
97	100		
83	94.1	75.3	112.9
85	59.1	47.3	70.9
99	64.6	51.7	77.5



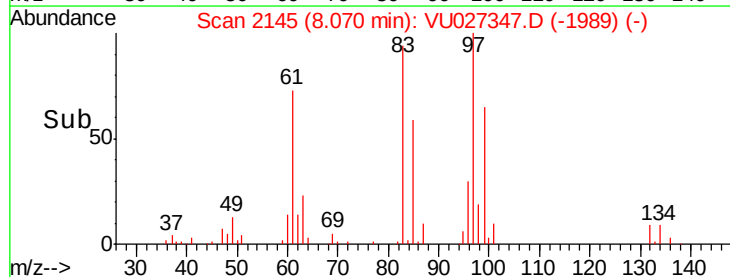
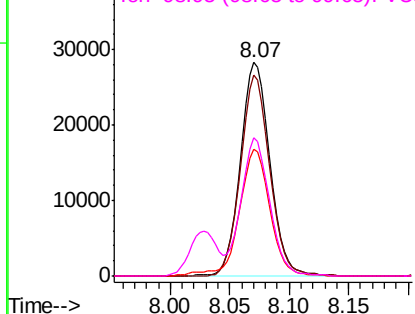
Abundance

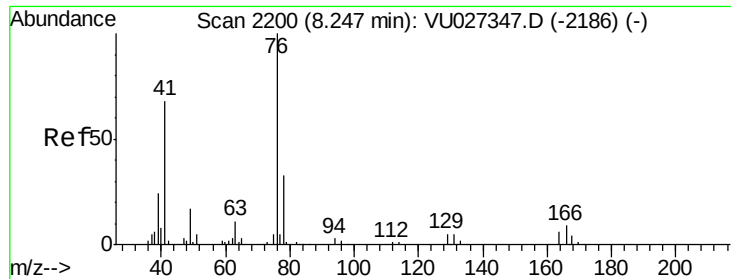
Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 12.313 ug/l

RT: 8.25 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 76 Resp: 94192

Ion Ratio Lower Upper

76 100

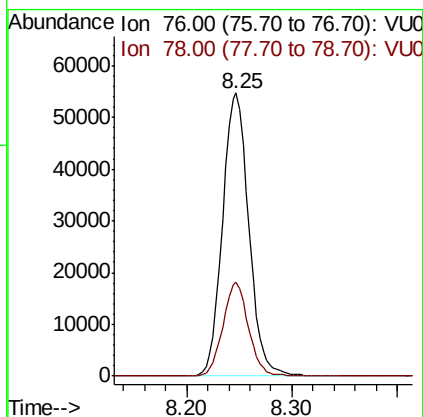
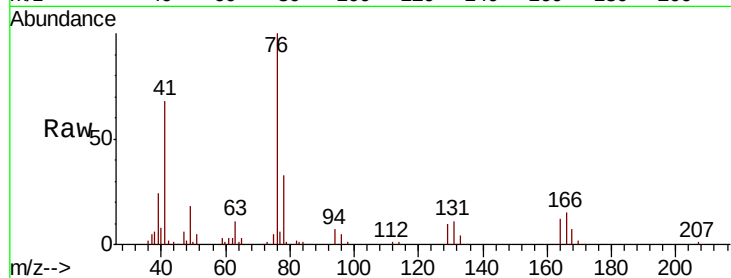
78 32.1 25.7 38.5

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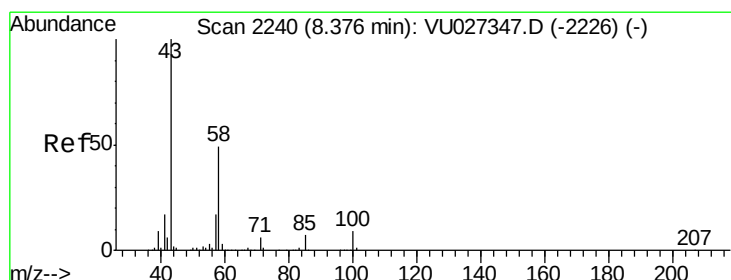
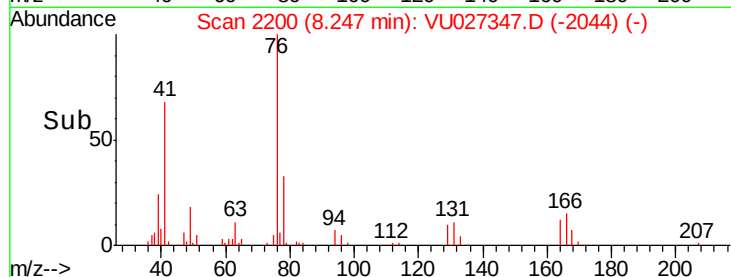
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#54

2-Hexanone

Concen: 69.495 ug/l

RT: 8.38 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

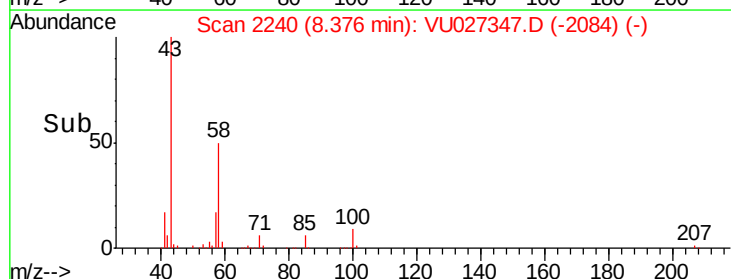
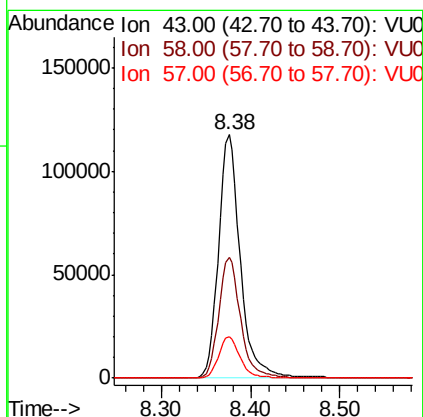
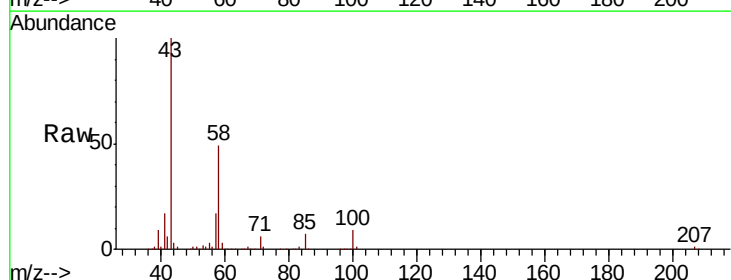
Tgt Ion: 43 Resp: 199123

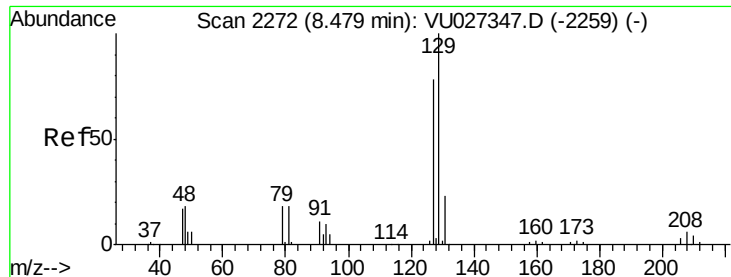
Ion Ratio Lower Upper

43 100

58 49.5 29.5 69.5

57 17.0 0.0 37.0





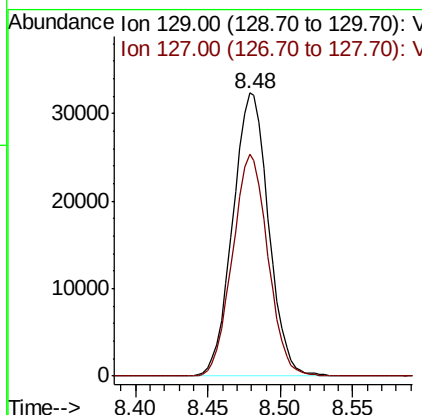
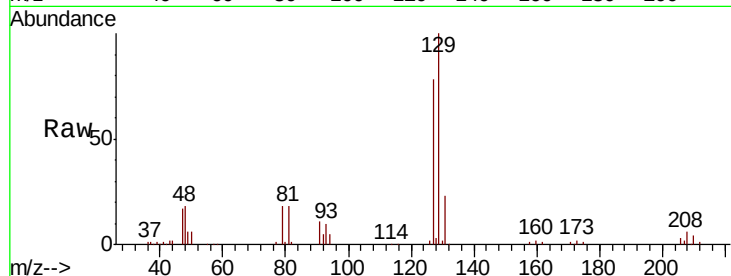
#55
 Dibromochloromethane
 Concen: 13.181 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

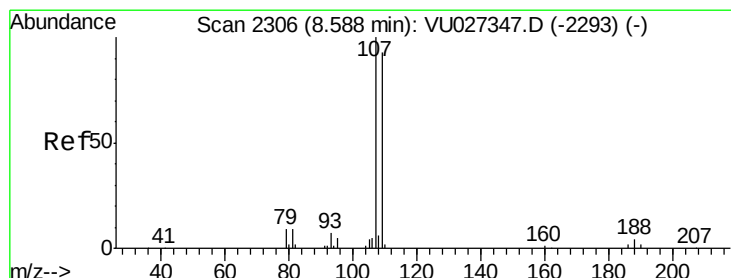
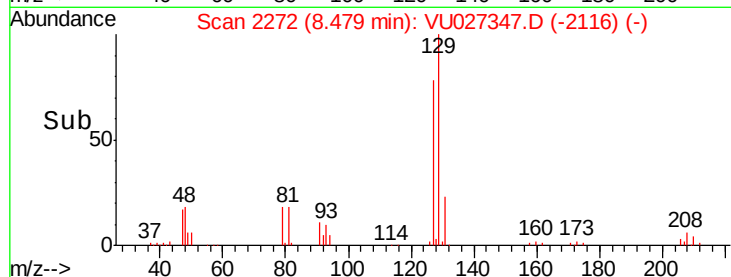
Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		55411		
127	77.3	61.8	92.8		

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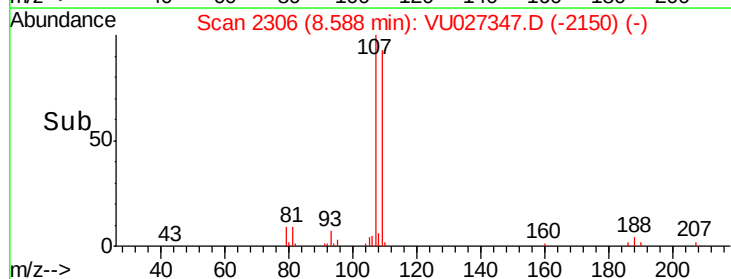
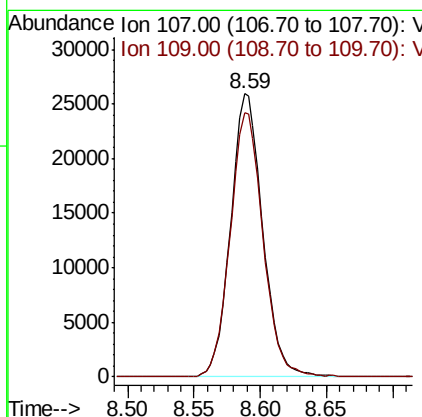
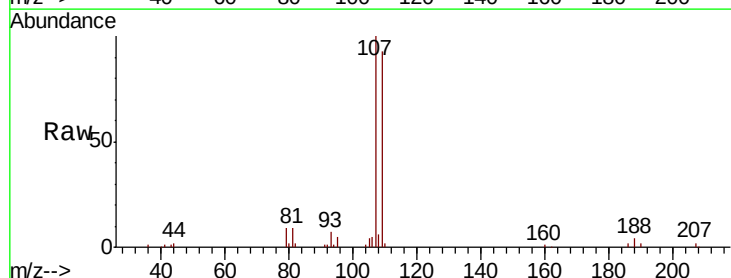


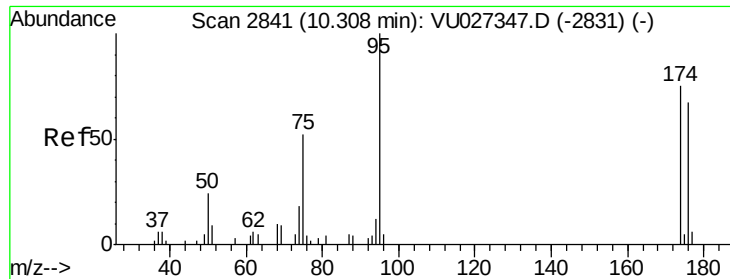
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#56
 1,2-Dibromoethane
 Concen: 11.317 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		43493		
109	95.6	0.0	191.2		





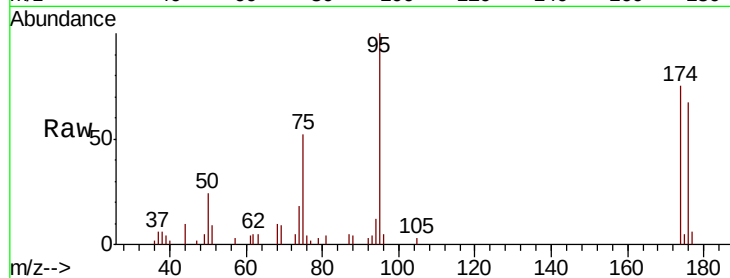
#57
4-Bromofluorobenzene
Concen: 11.317 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	76.3	61.0	91.6
176	71.5	57.2	85.8

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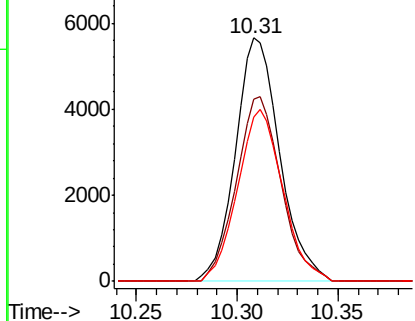


Abundance

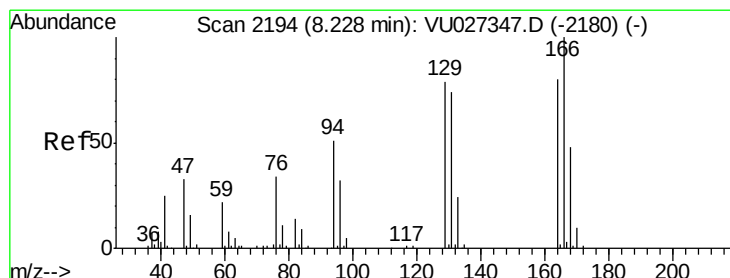
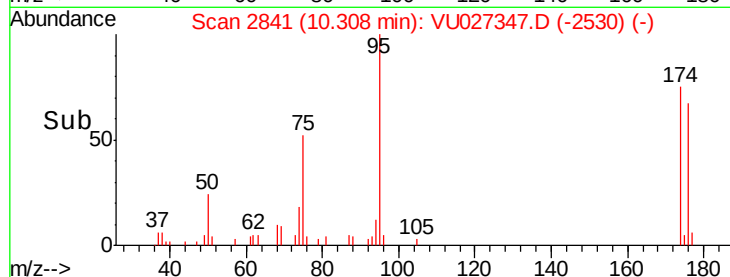
Ion 95.00 (94.70 to 95.70): VU027347.D (-2831) (-)

Ion 174.00 (173.70 to 174.70): VU027347.D (-2831) (-)

Ion 176.00 (175.70 to 176.70): VU027347.D (-2831) (-)



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#58
Tetrachloroethene
Concen: 8.139 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	99.9	149.9
129	98.2	78.6	117.8
131	92.0	73.6	110.4

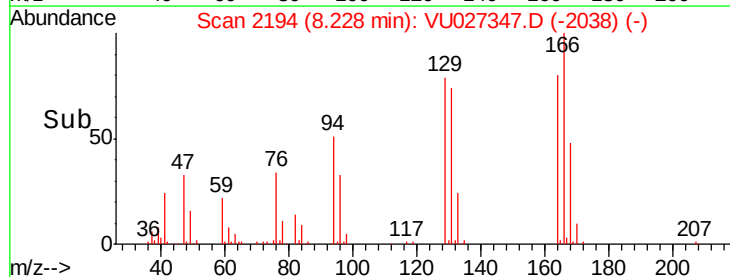
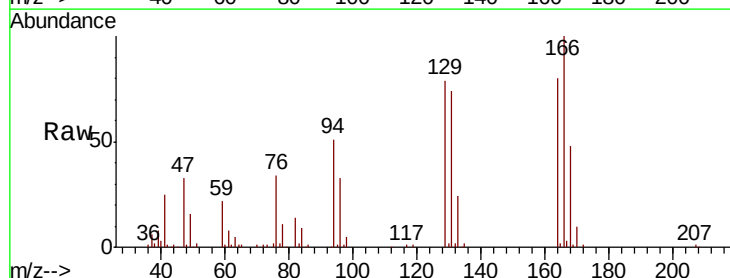
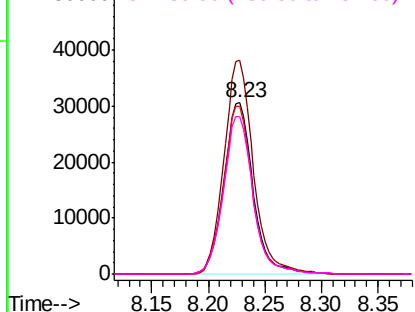
Abundance

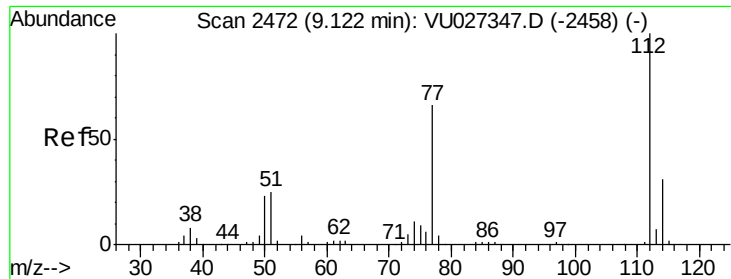
Ion 163.85 (163.55 to 164.55): VU027347.D (-2180) (-)

Ion 165.80 (165.50 to 166.50): VU027347.D (-2180) (-)

Ion 128.90 (128.60 to 129.60): VU027347.D (-2180) (-)

Ion 130.90 (130.60 to 131.60): VU027347.D (-2180) (-)





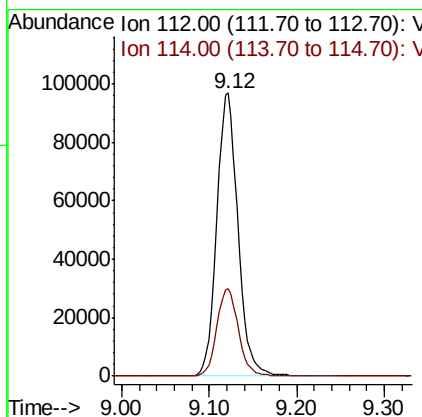
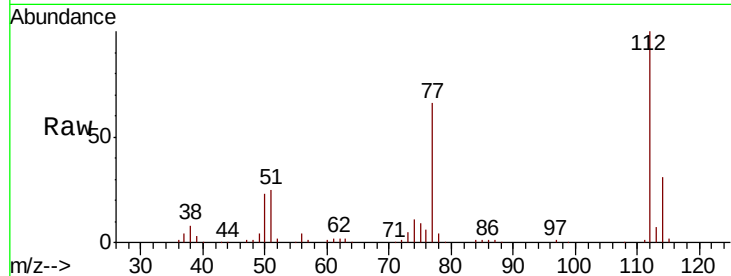
#59
Chlorobenzene
Concen: 10.687 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

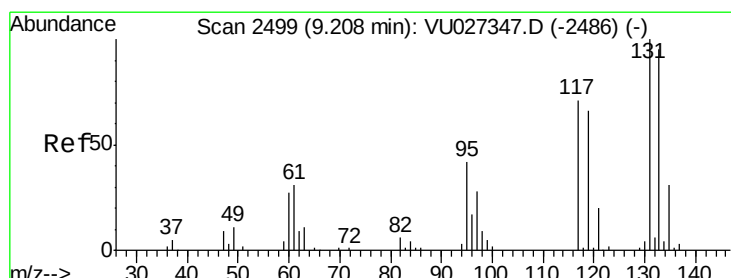
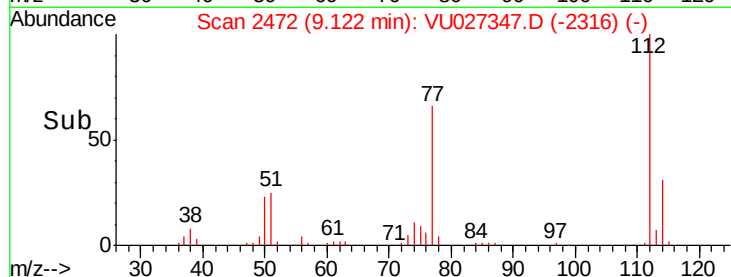
Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4

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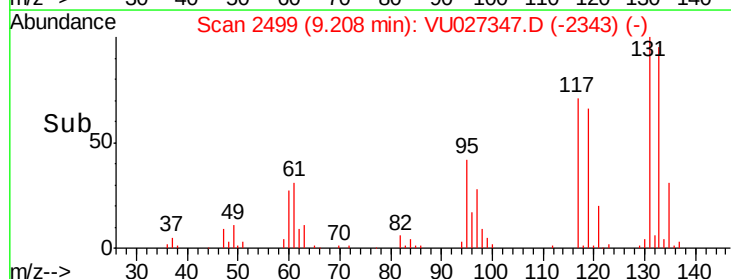
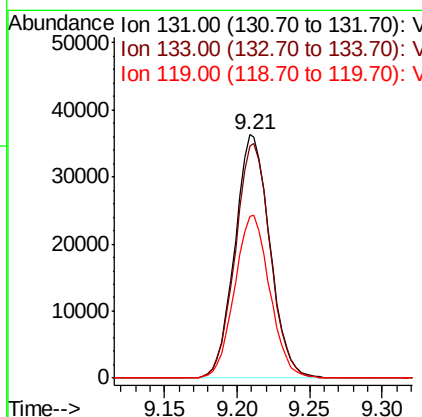
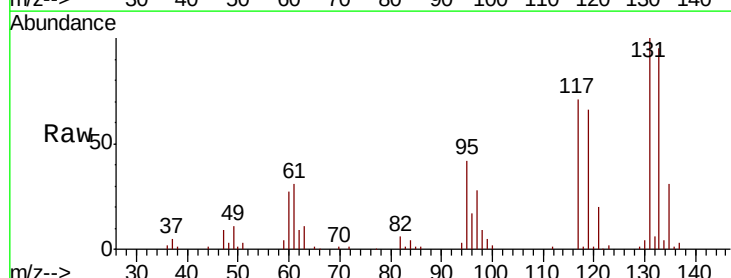


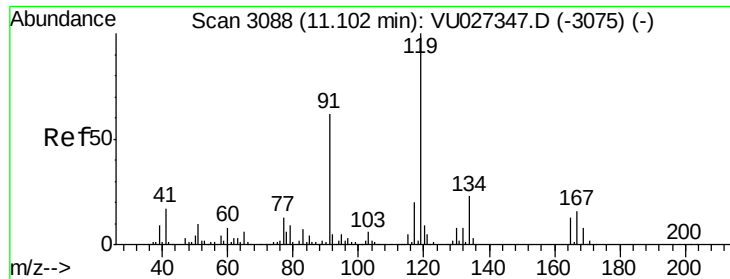
10/5/2018 11:56:30 AM



#60
1,1,1,2-Tetrachloroethane
Concen: 11.855 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	77.1	115.7
119	67.0	53.6	80.4





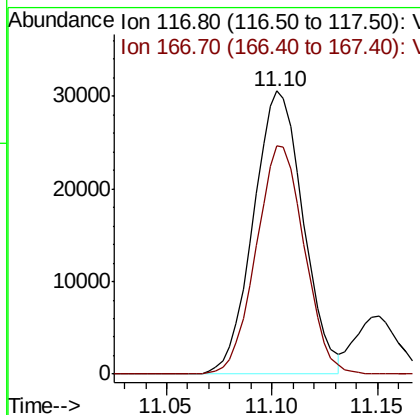
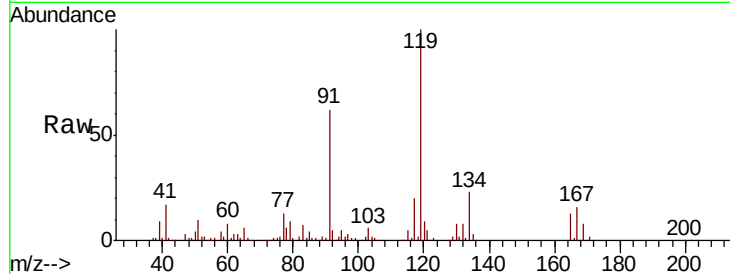
#61
 Pentachloroethane
 Concen: 14.709 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

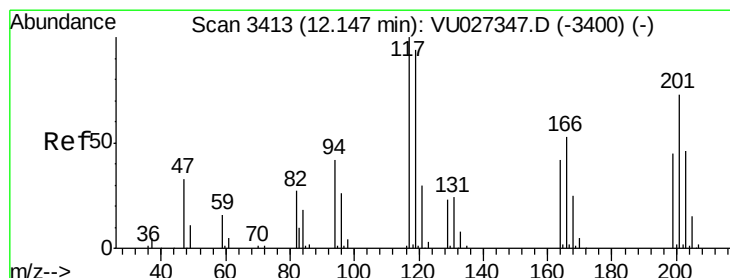
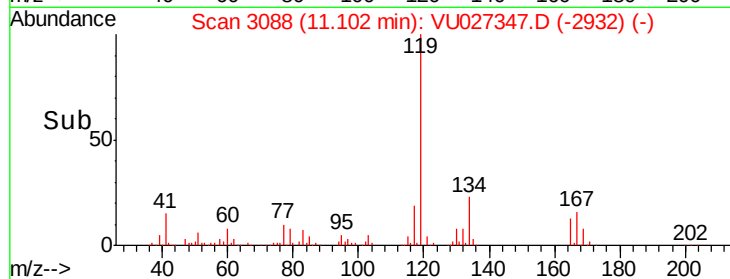
Tot Ion	Ratio	Lower	Upper
117	100		
167	78.2	62.6	93.8

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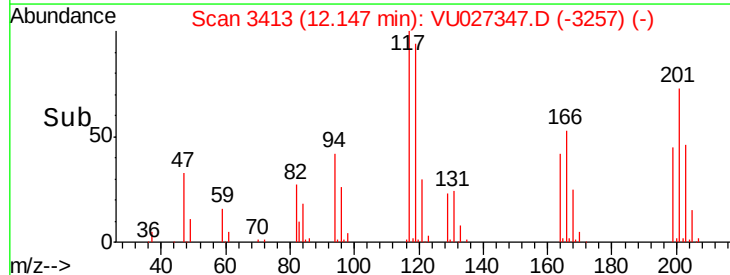
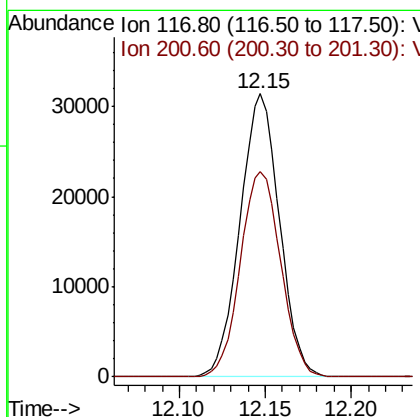
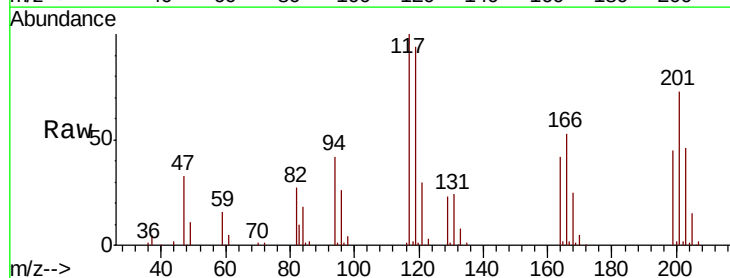


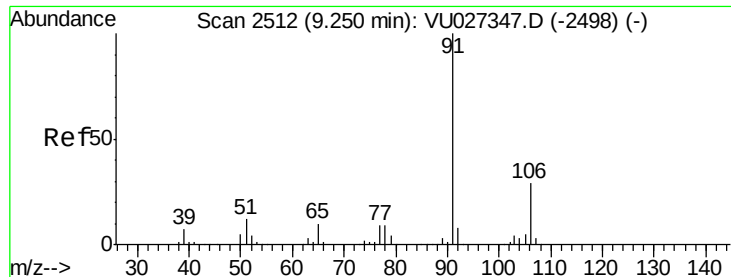
10/5/2018 11:56:30 AM



#62
 Hexachloroethane
 Concen: 14.420 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	59.3	88.9





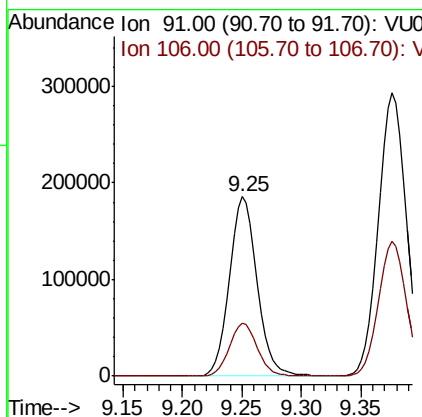
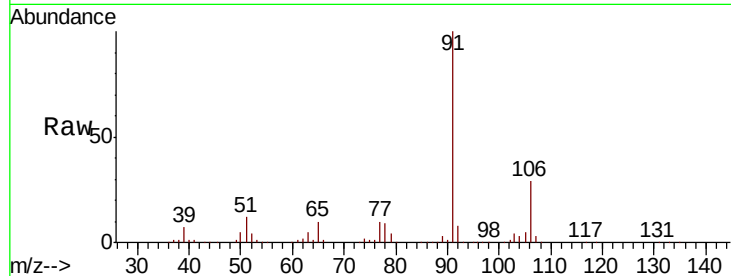
#63
Ethyl Benzene
Concen: 11.267 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

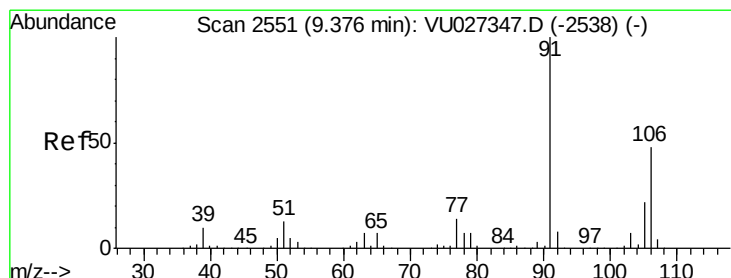
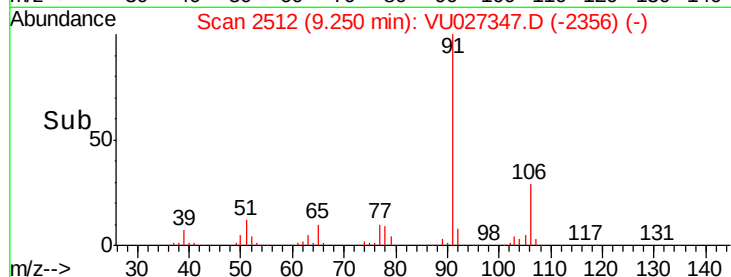
Tot Ion: 91 Resp: 299651
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

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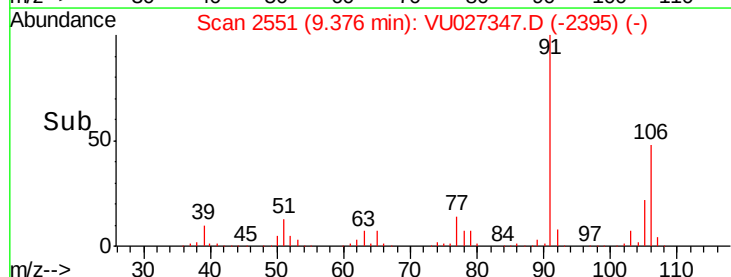
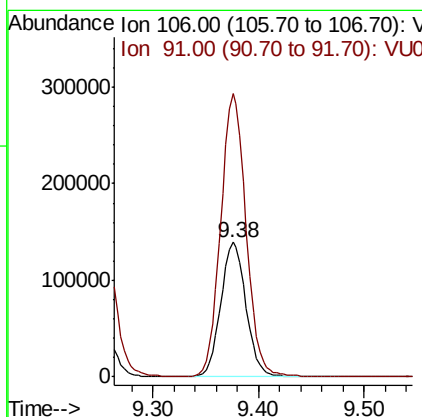
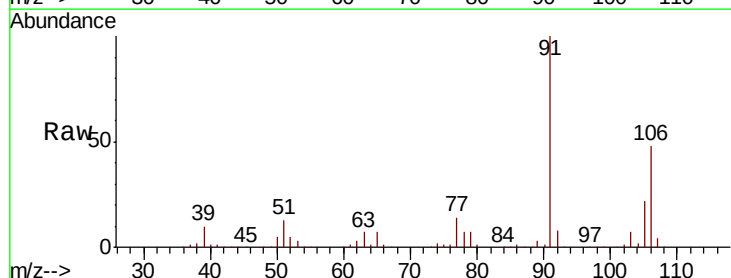


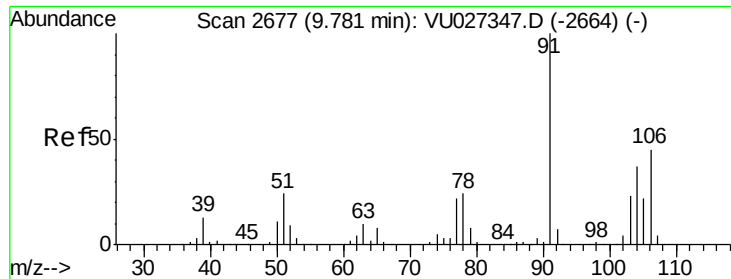
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#64
m/p-Xylenes
Concen: 22.744 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion: 106 Resp: 229910
Ion Ratio Lower Upper
106 100
91 212.3 169.8 254.8





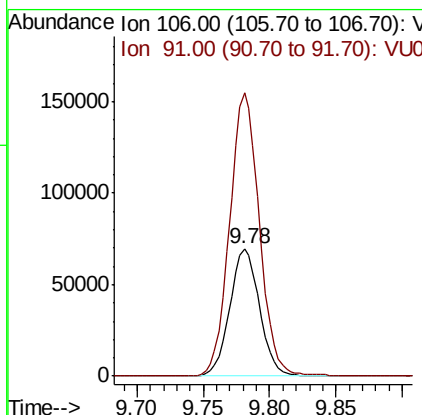
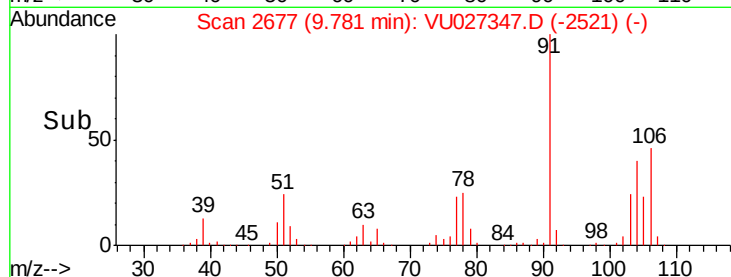
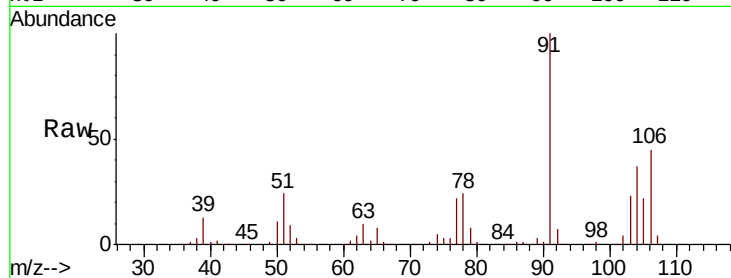
#65
o-Xylene
Concen: 11.139 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

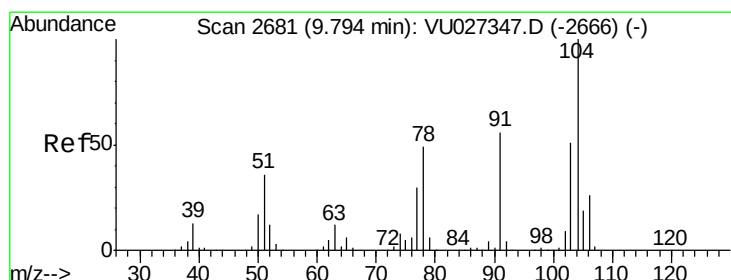
Tot Ion:106 Resp: 108779
Ion Ratio Lower Upper
106 100
91 222.1 111.1 333.2

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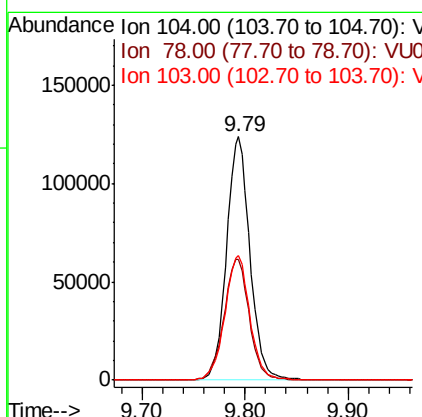
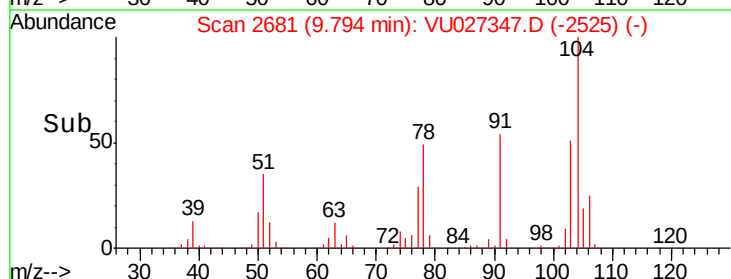
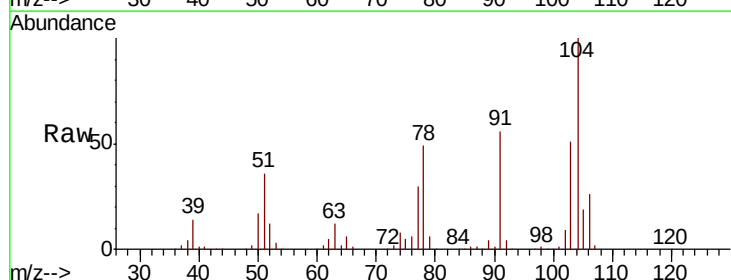


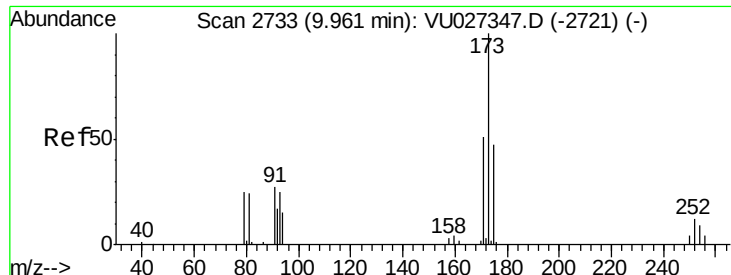
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#66
Styrene
Concen: 12.001 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion:104 Resp: 195483
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 54.8 43.8 65.8





#67

Bromoform

Concen: 12.721 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:173 Resp: 29972

Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

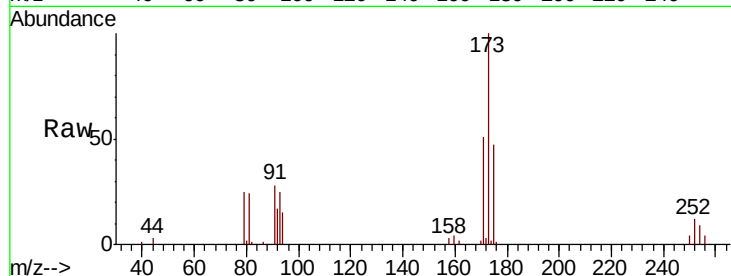
254 9.6 7.7 11.5

Manual Integrations

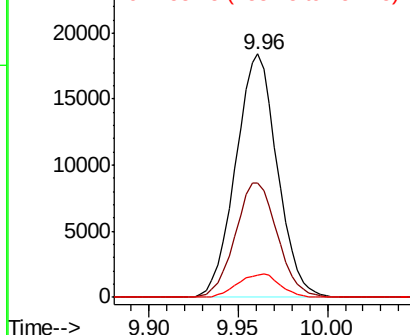
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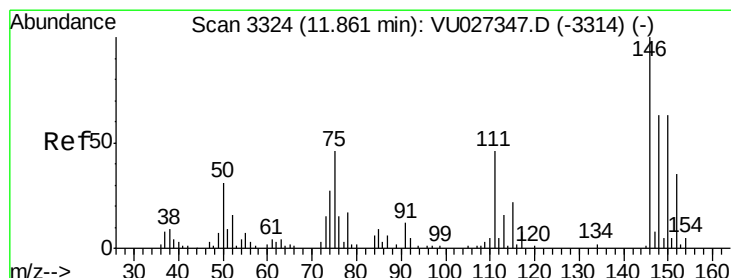
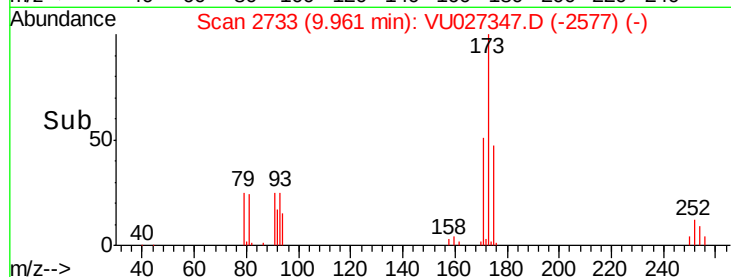
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



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#68

1,2-Dichlorobenzene-d4

Concen: 12.721 ug/l

RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

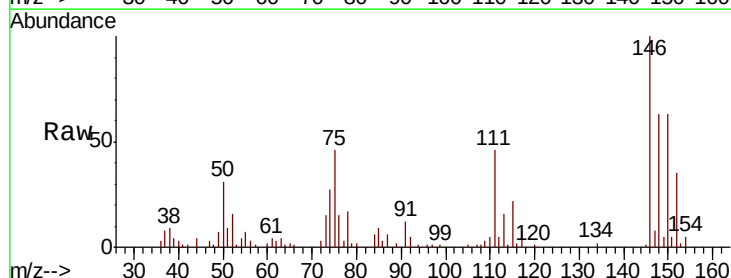
Tgt Ion:152 Resp: 7828

Ion Ratio Lower Upper

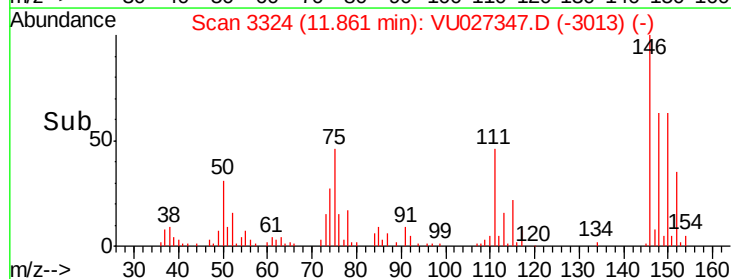
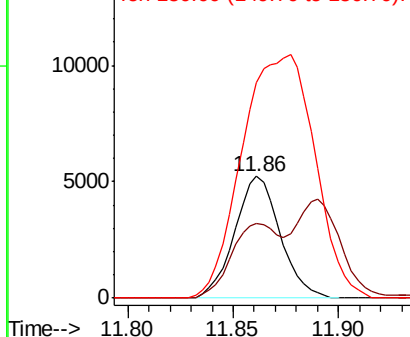
152 100

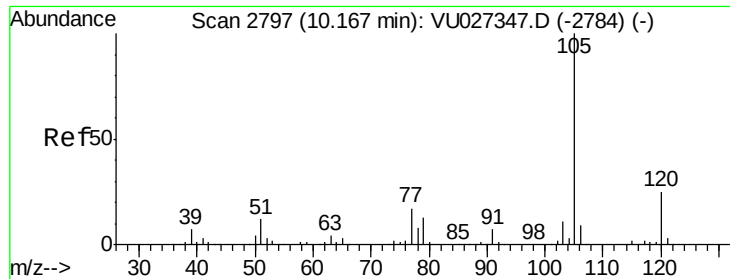
115 65.8 0.0 131.6

150 0.0 0.0 0.0



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





#69

Isopropylbenzene

Concen: 11.309 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 105 Resp: 289718

Ion Ratio Lower Upper

105 100

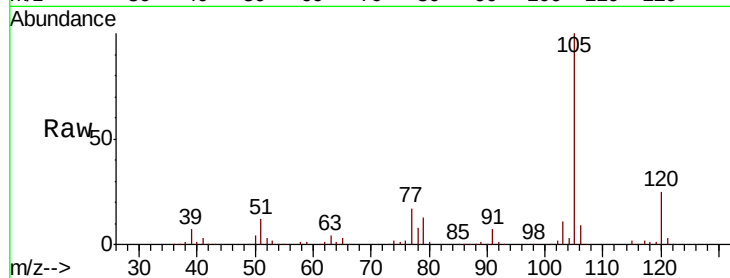
120 25.4 12.7 38.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

200000

150000

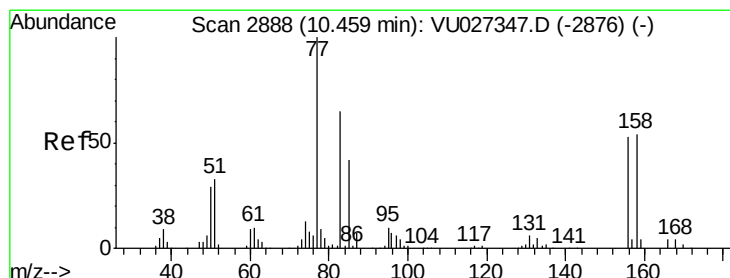
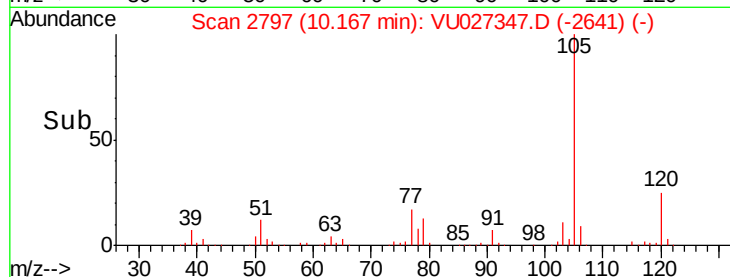
100000

50000

0

Time-->

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#70

1,1,2,2-Tetrachloroethane

Concen: 12.994 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

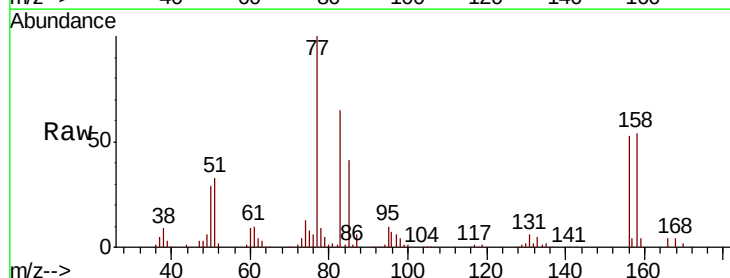
Tgt Ion: 83 Resp: 66636

Ion Ratio Lower Upper

83 100

131 8.8 7.0 10.6

85 64.2 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

10.46

50000

40000

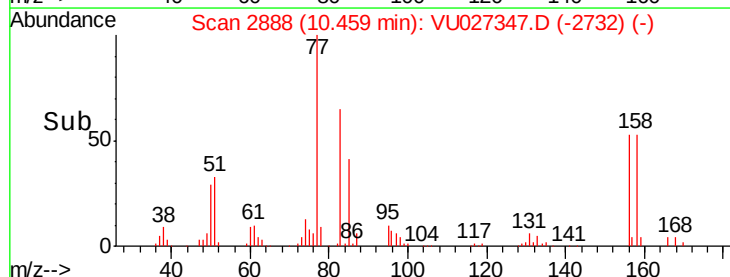
30000

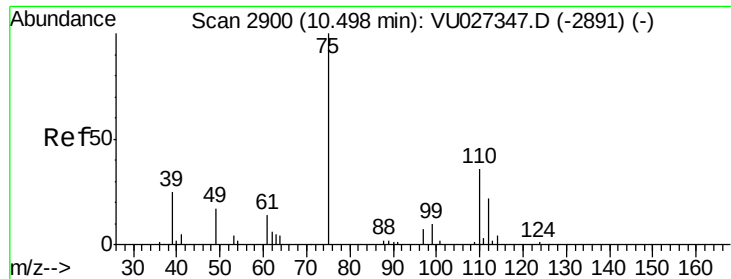
20000

10000

0

Time-->





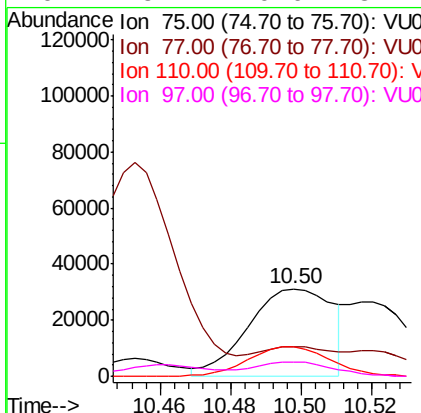
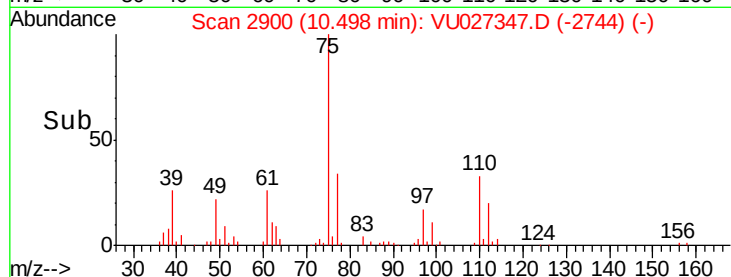
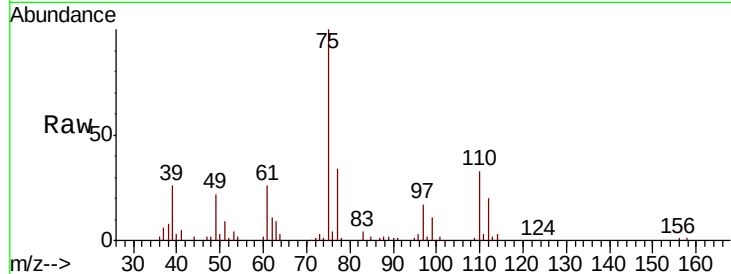
#71
 1,2,3-Trichloropropane
 Concen: 12.368 ug/l m
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

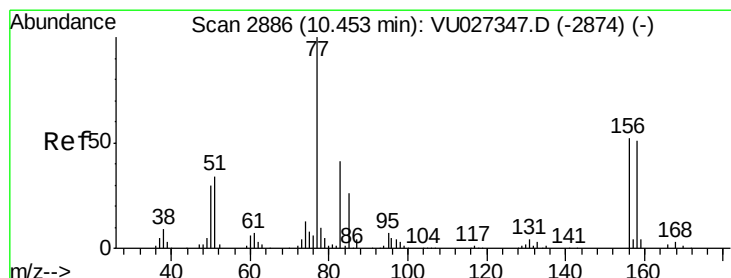
Tot Ion	Ratio	Lower	Upper
75	100		
77	8.3	0.0	16.6
110	32.7	0.0	65.4
97	15.7	0.0	31.4

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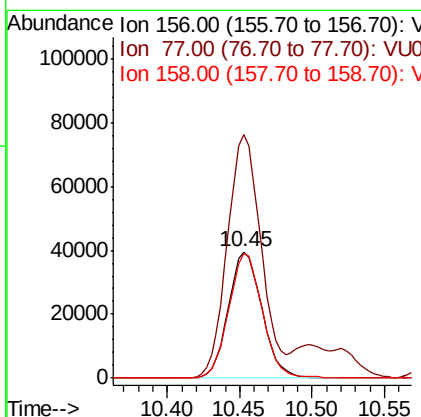
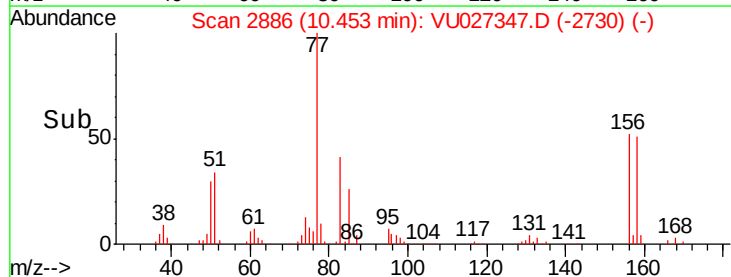
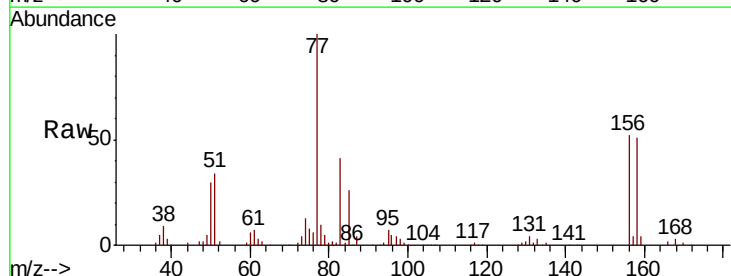


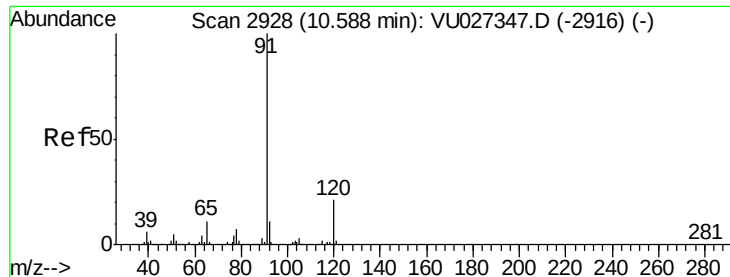
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#72
 Bromobenzene
 Concen: 9.982 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
156	100		
77	193.8	0.0	387.6
158	98.1	0.0	196.2





#73

n-propylbenzene

Concen: 11.374 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:120 Resp: 80338

Ion Ratio Lower Upper

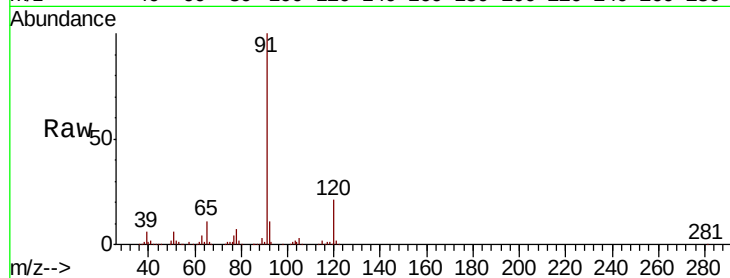
120 100

91 476.7 381.4 572.0

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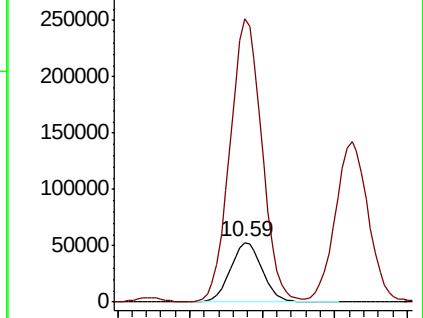
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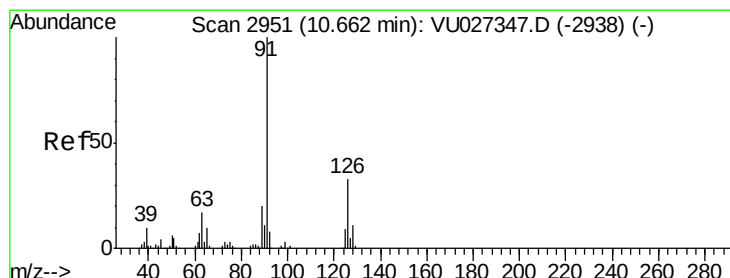
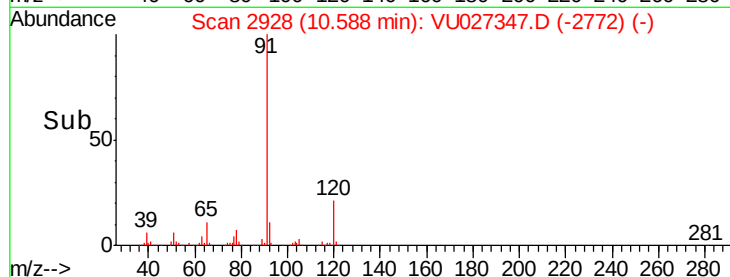


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



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#74

2-Chlorotoluene

Concen: 11.117 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027347.D

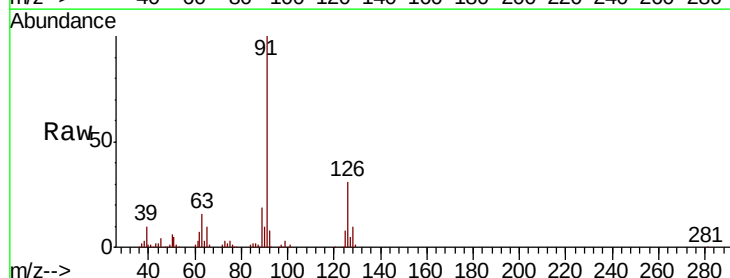
Acq: 02 Oct 2018 16:59

Tgt Ion:126 Resp: 69858

Ion Ratio Lower Upper

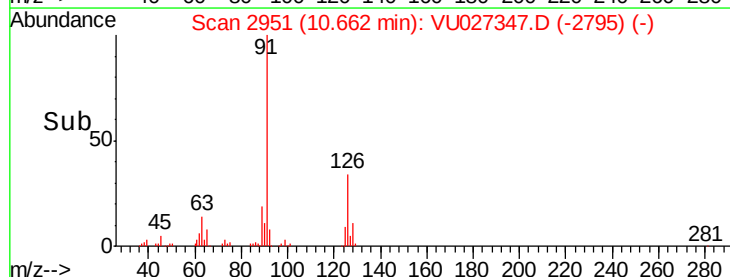
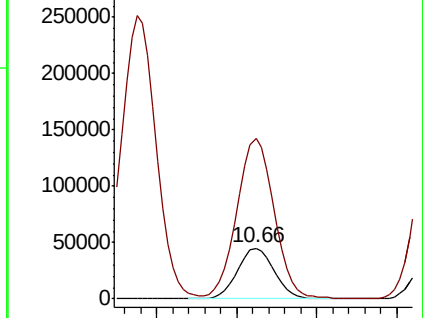
126 100

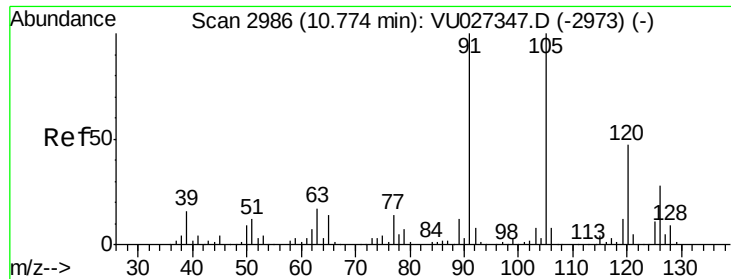
91 319.5 0.0 639.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.976 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 261214

Ion Ratio Lower Upper

105 100

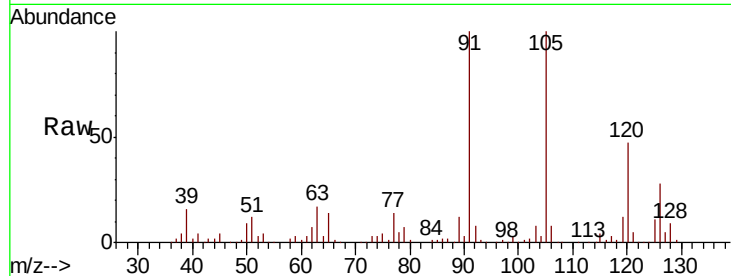
120 47.3 37.8 56.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

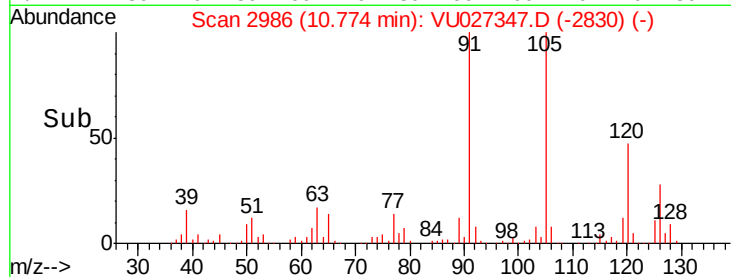
150000

100000

50000

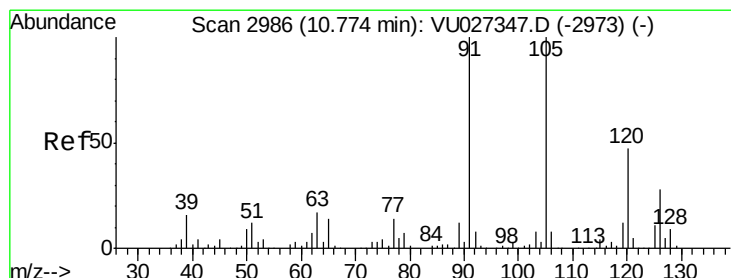
0

Time-->



Time-->

10/5/2018 11:56:30 AM



#76

4-Chlorotoluene

Concen: 11.254 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027347.D

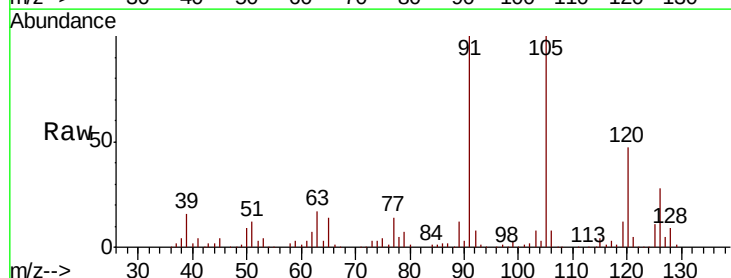
Acq: 02 Oct 2018 16:59

Tgt Ion:126 Resp: 72918

Ion Ratio Lower Upper

126 100

91 360.4 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

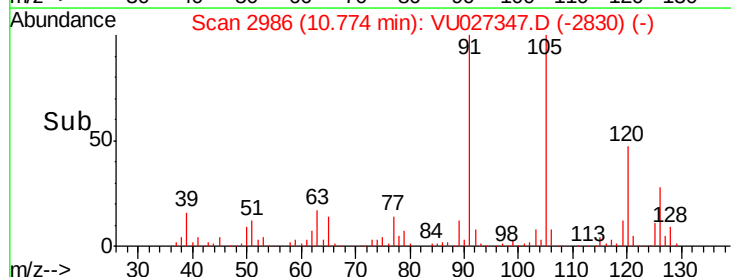
150000

100000

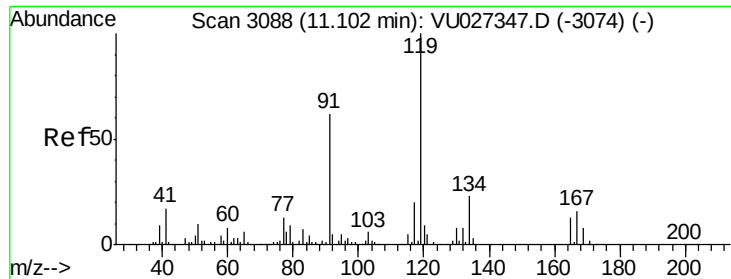
50000

0

Time-->



Time-->



#77

tert-Butylbenzene

Concen: 11.651 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027347.D

Acq: 02 Oct 2018 16:59

Instrument :

MSVOA_U

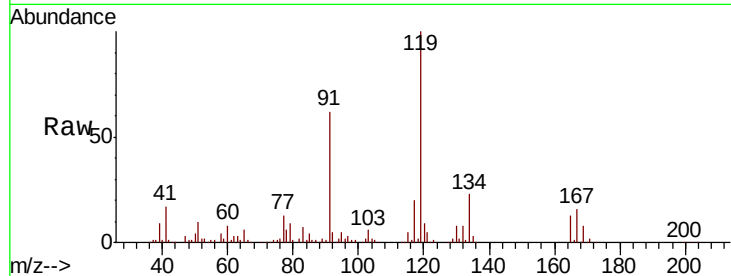
ClientSampleId :

VSTDICCC010

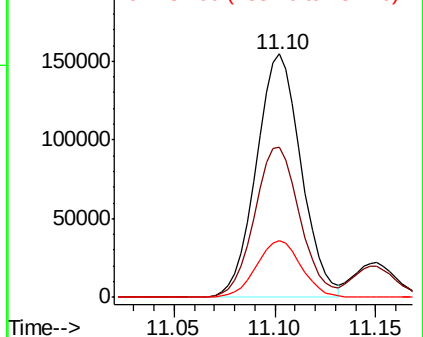
Tot Ion:	119	Resp:	239490
Ion Ratio	Lower	Upper	
119	100		
91	62.9	31.4	94.3
134	23.4	18.7	28.1

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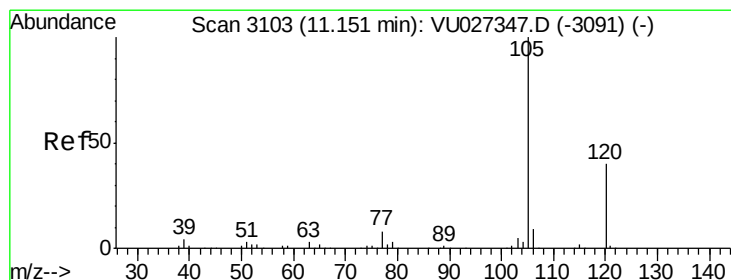
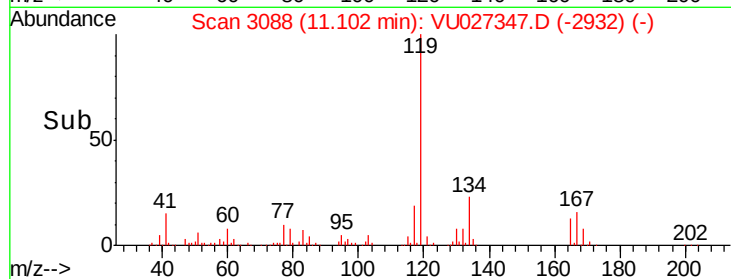
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



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#78

1,2,4-Trimethylbenzene

Concen: 12.007 ug/l

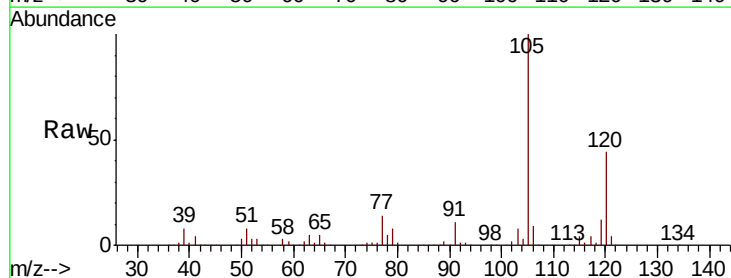
RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

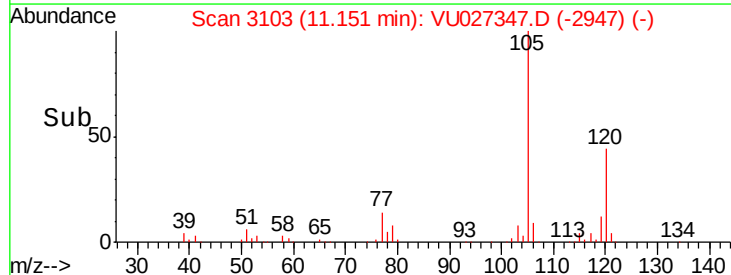
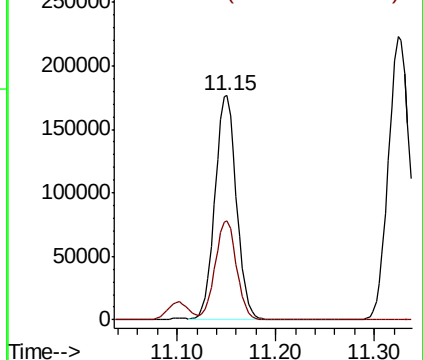
Lab File: VU027347.D

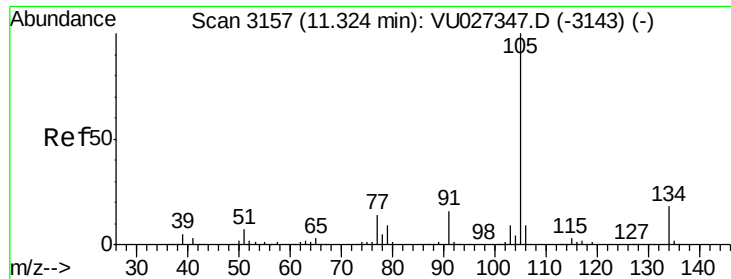
Acq: 02 Oct 2018 16:59

Tgt Ion:	105	Resp:	270089
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.9	65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





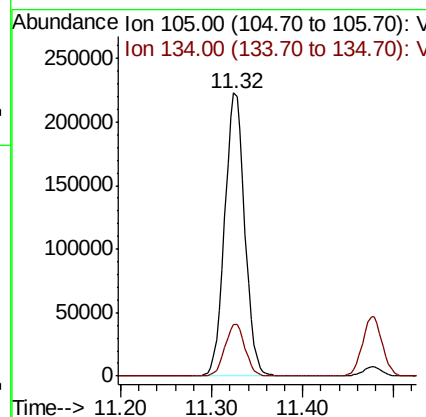
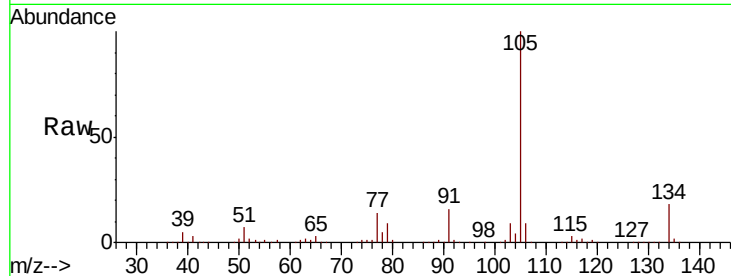
#79
 sec-Butylbenzene
 Concen: 11.789 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

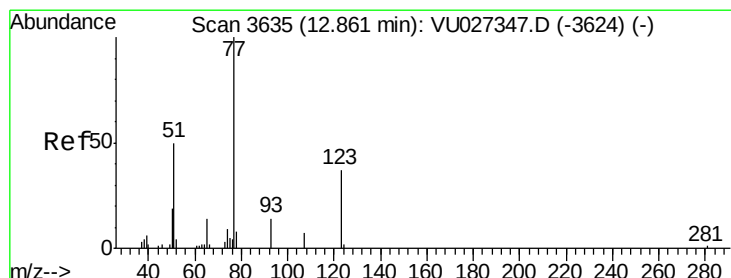
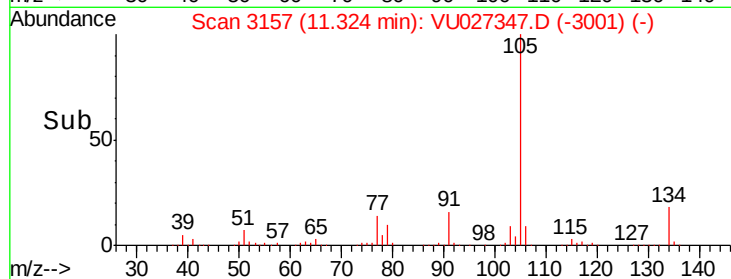
Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	14.8	22.2

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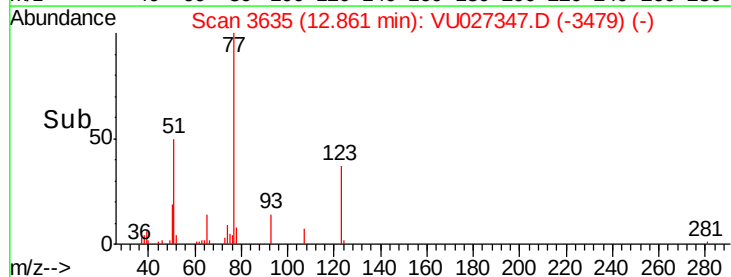
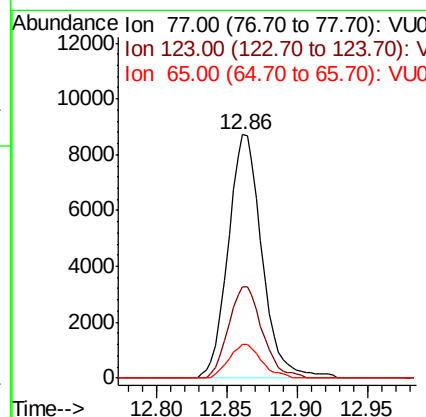
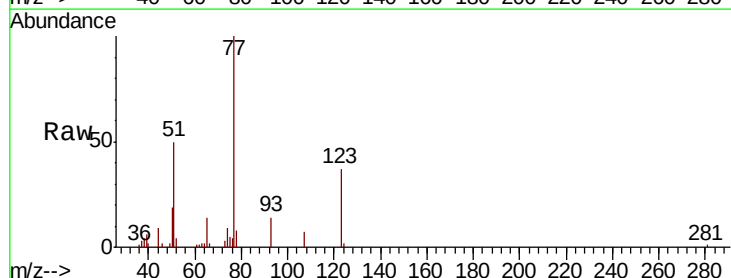


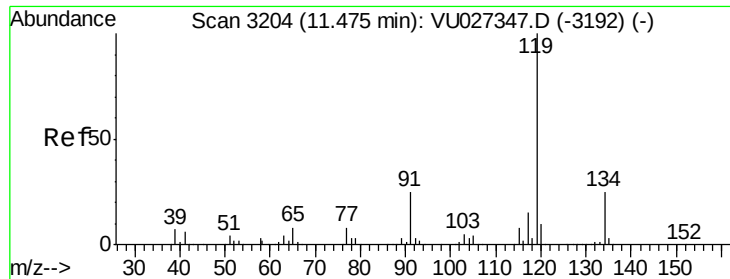
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#80
 Nitrobenzene
 Concen: 89.185 ug/l
 RT: 12.86 min Scan# 3635
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	16.4	58.2
65	13.3	11.7	14.9





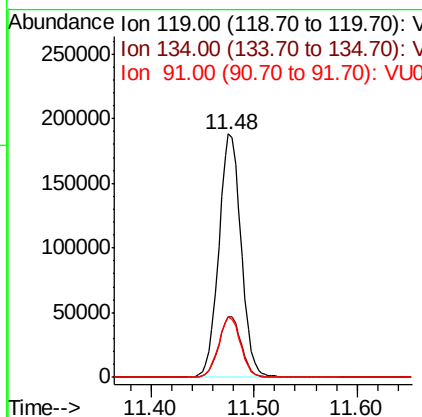
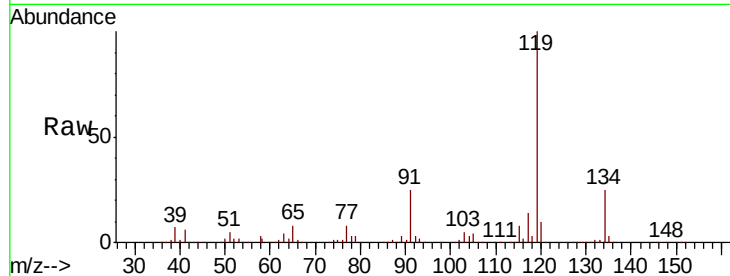
#81
p-Isopropyltoluene
Concen: 11.801 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

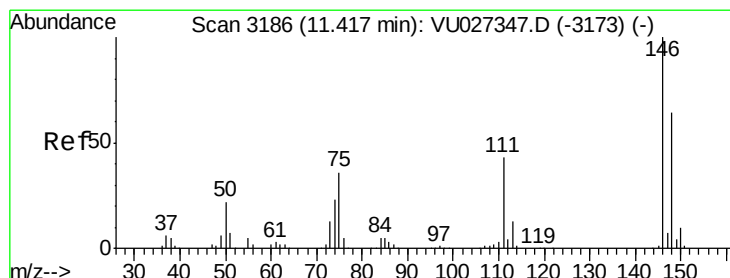
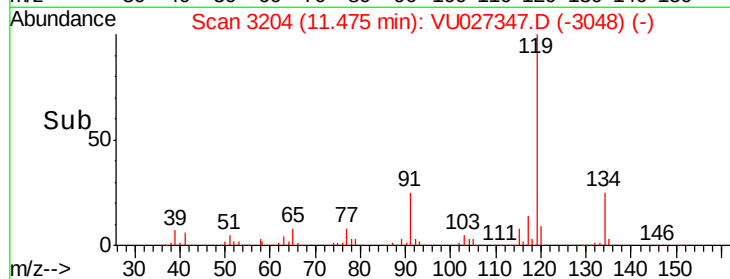
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.2	30.2
91	24.5	19.6	29.4

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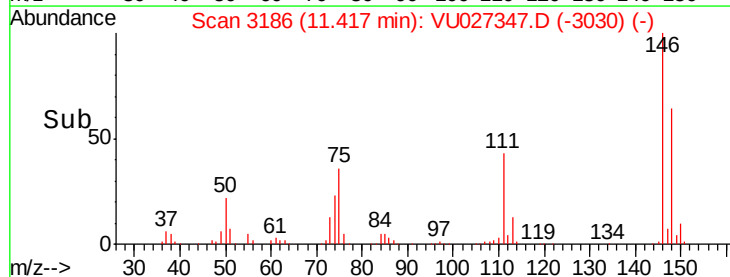
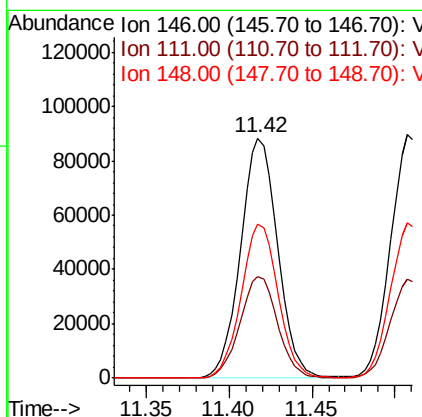
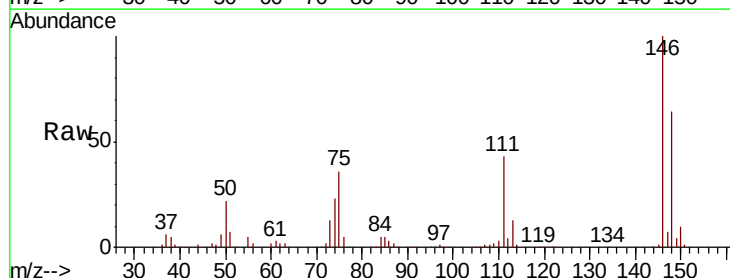


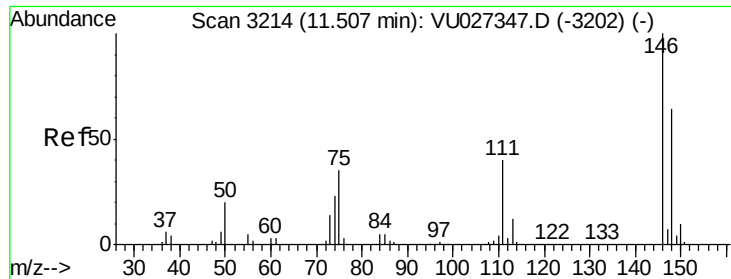
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#82
1,3-Dichlorobenzene
Concen: 10.791 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	34.3	51.5
148	64.0	51.2	76.8





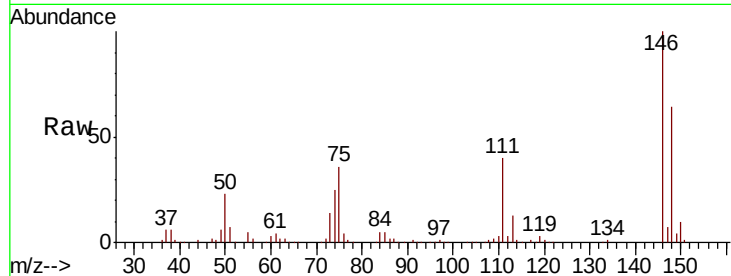
#83
 1,4-Dichlorobenzene
 Concen: 10.863 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	32.6	49.0
148	64.3	51.4	77.2

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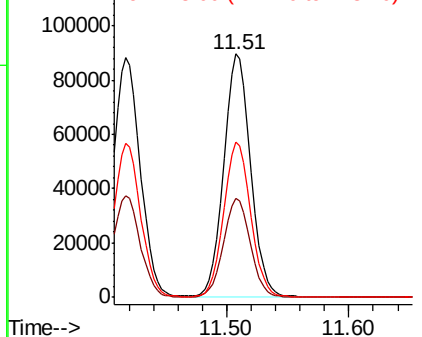


Abundance

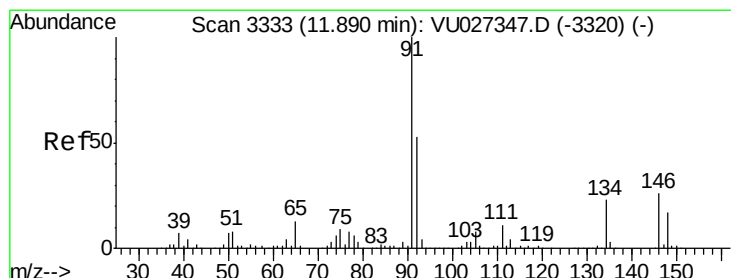
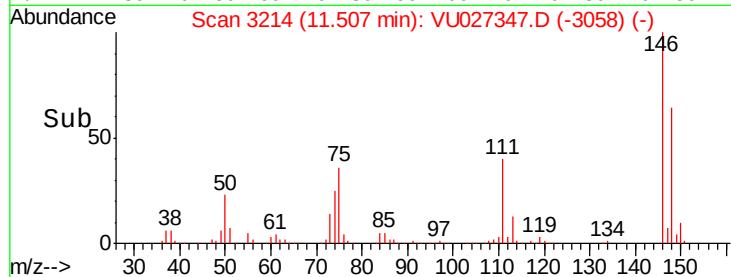
Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

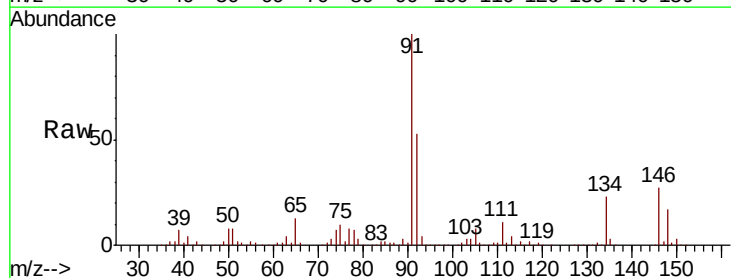


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#84
 n-Butylbenzene
 Concen: 12.441 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	42.2	63.2
134	22.8	18.2	27.4

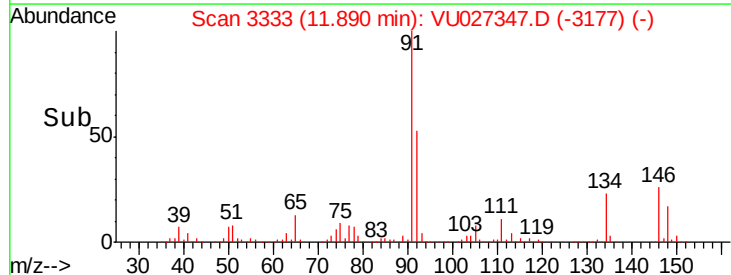
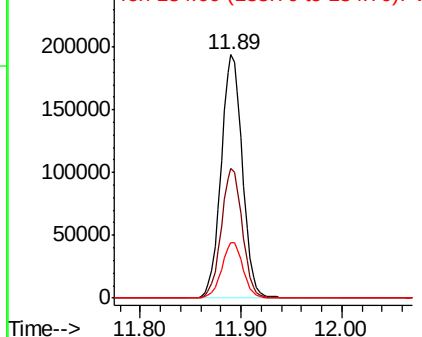


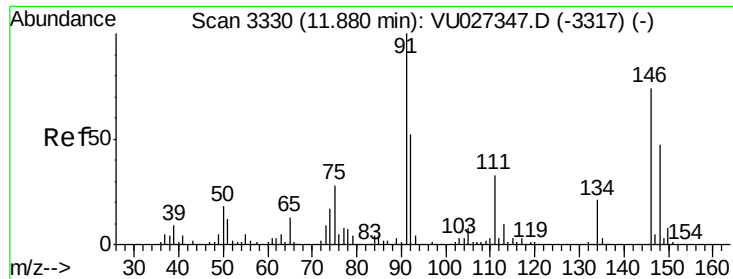
Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





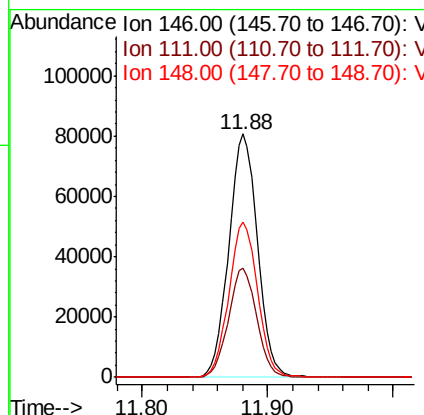
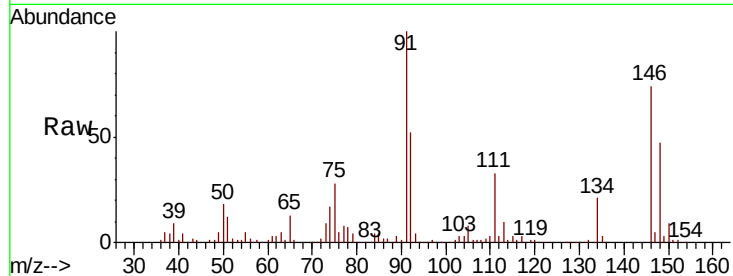
#85
 1,2-Dichlorobenzene
 Concen: 10.743 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

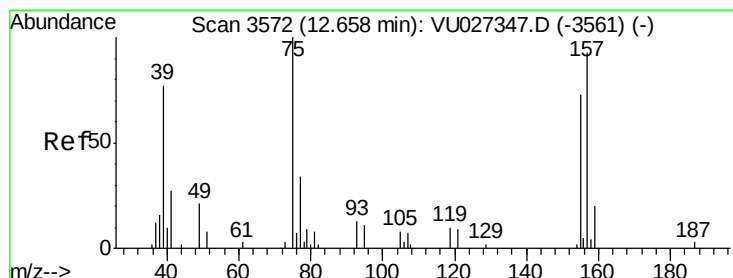
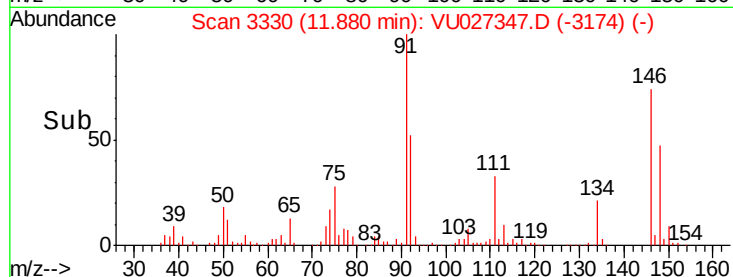
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.3
148	64.0	32.0	96.0

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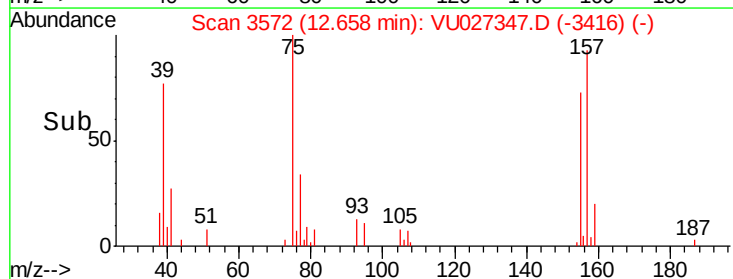
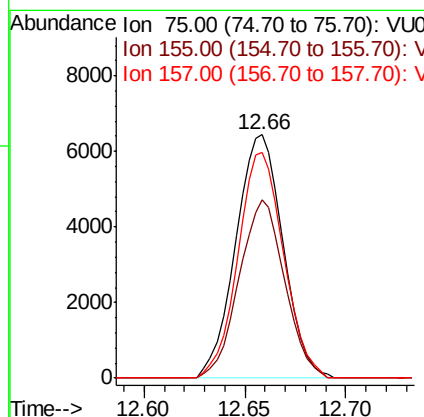
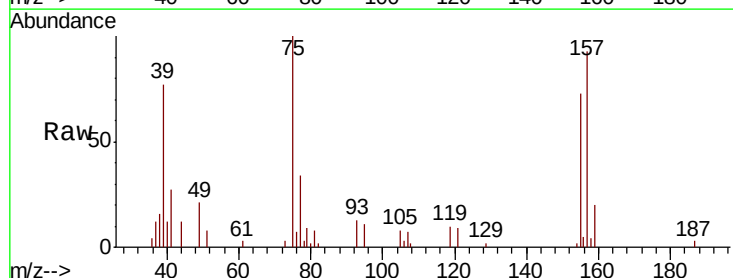


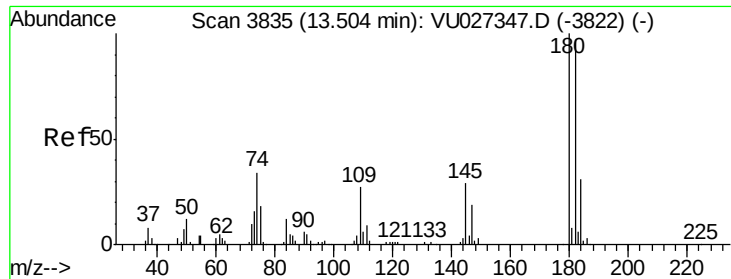
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 14.125 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.7	56.6	84.8
157	89.7	71.8	107.6





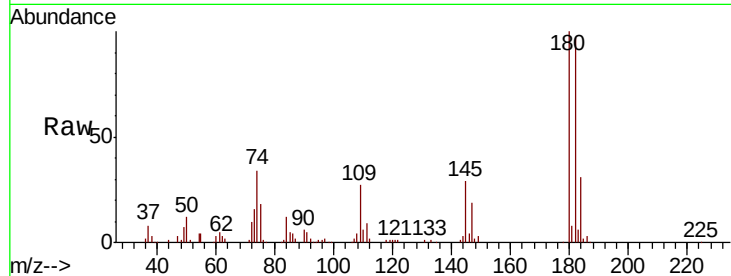
#87
 1,2,4-Trichlorobenzene
 Concen: 10.592 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

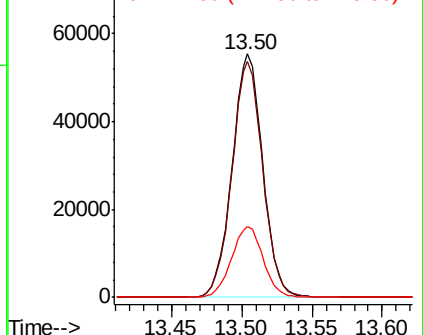
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	29.9	23.9	35.9

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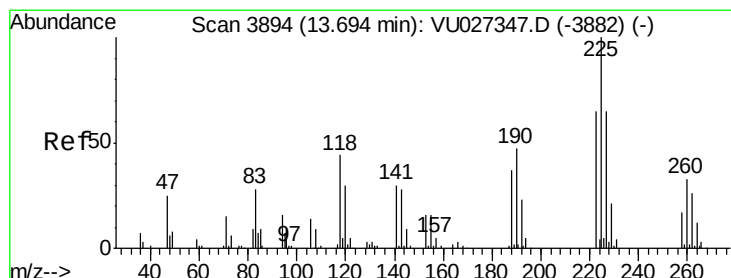
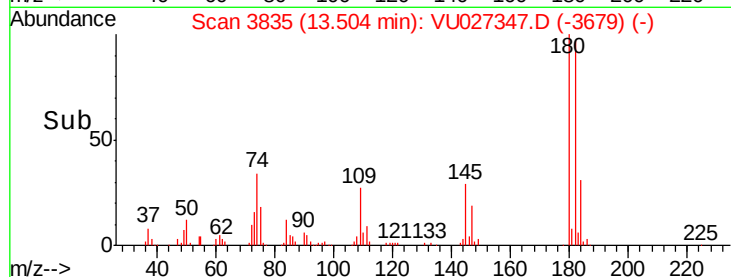
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Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

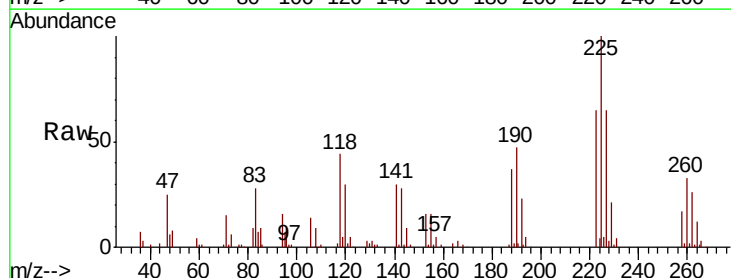


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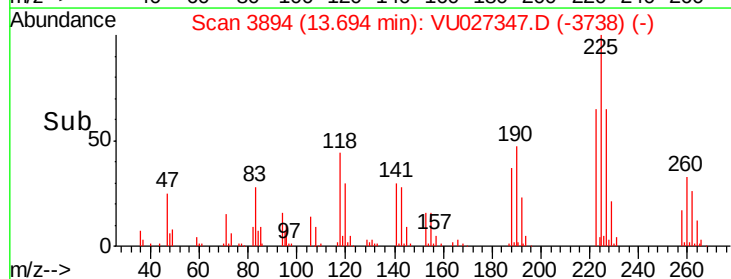
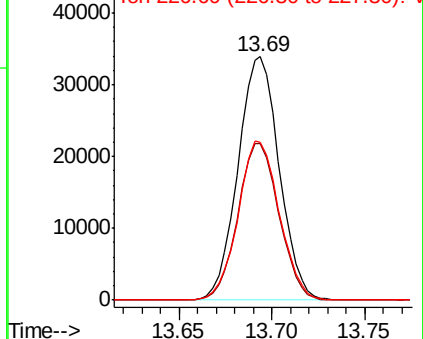


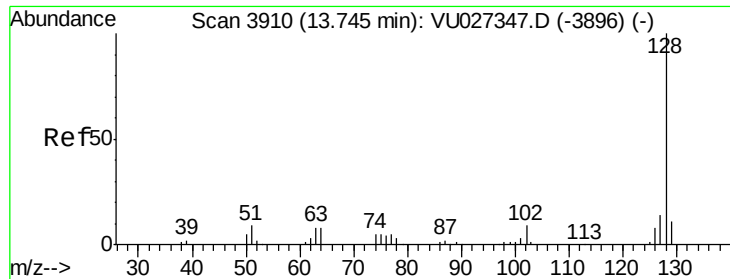
#88
 Hexachlorobutadiene
 Concen: 10.525 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027347.D
 Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	65.4	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





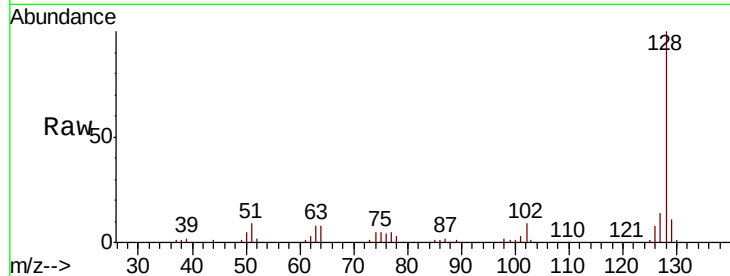
#89
Naphthalene
Concen: 12.385 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.5	8.4	12.6

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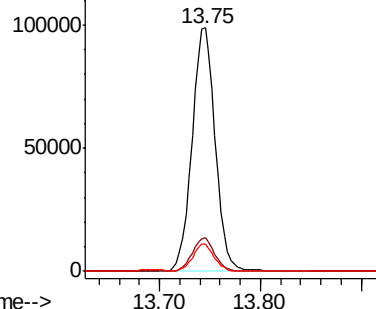


Abundance

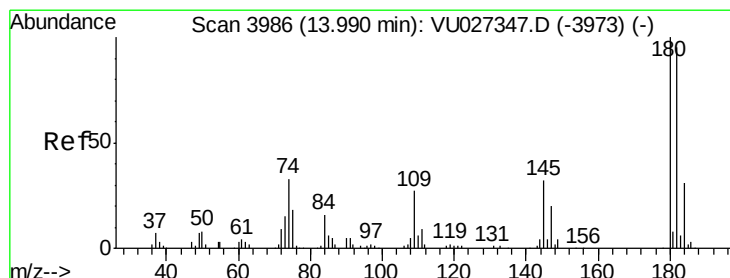
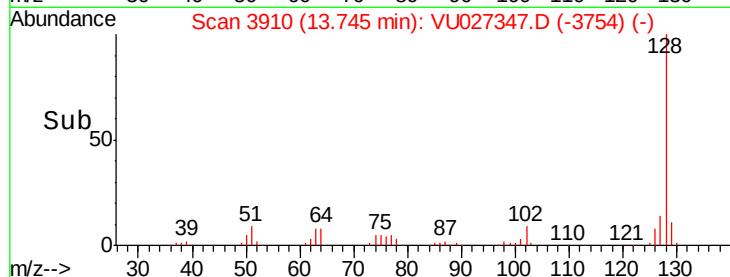
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

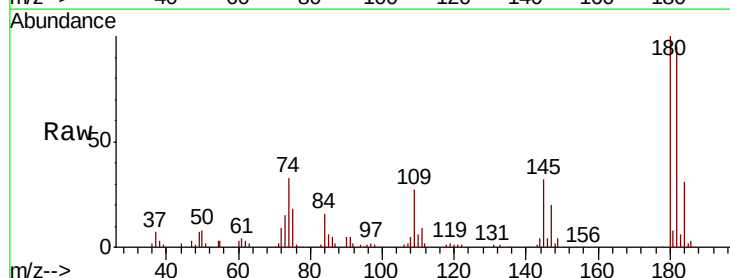


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#90
1,2,3-Trichlorobenzene
Concen: 11.119 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027347.D
Acq: 02 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	32.3	25.8	38.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

