

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027357.D
 Acq On : 03 Oct 2018 11:20
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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 10/5/2018 11:57:03 AM

Quant Time: Oct 03 17:12:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 09:31:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	22157	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	9305	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7313	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	73893	9.946	ug/l	100
3) Chloromethane	1.33	50	87489	10.136	ug/l	100
4) Vinyl Chloride	1.40	62	87078	9.918	ug/l	99
5) Bromomethane	1.63	94	42969	11.701	ug/l	98
6) Chloroethane	1.70	64	58035	10.505	ug/l	99
7) Trichlorofluoromethane	1.89	101	99690	9.799	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	60806	10.161	ug/l	99
9) 1,1-Dichloroethene	2.29	96	50058	10.043	ug/l	95
10) Iodomethane	2.41	142	59937	10.671	ug/l	99
11) Allyl Chloride	2.59	41	128104	9.727	ug/l	99
12) Acrylonitrile	2.94	53	34178	19.863	ug/l	99
13) Acetone	2.33	43	70839	49.528	ug/l	96
14) Carbon Disulfide	2.48	76	141296	9.125	ug/l	99
15) Methylene Chloride	2.70	84	67547	10.467	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	56351	9.720	ug/l	99
17) 1,1-Dichloroethane	3.45	63	142939	10.214	ug/l	99
18) 2-Butanone	4.29	43	129631	49.201	ug/l	100
19) Cyclohexane	4.99	56	104074	9.845	ug/l	98
20) Methylcyclohexane	6.41	83	97225	10.242	ug/l	97
21) 2,2-Dichloropropane	4.23	77	115395	9.628	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	68284	9.776	ug/l	100
23) Diethyl Ether	2.11	59	52118	9.799	ug/l	100
24) tert-Butyl Alcohol	2.86	59	56833	94.499	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	166591	10.016	ug/l	100
26) Bromochloromethane	4.55	128	25730	10.021	ug/l	91
27) Chloroform	4.68	83	120666	9.445	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	101758	9.820	ug/l	99
29) 1,1-Dichloropropene	5.13	75	93922	10.065	ug/l	99
30) Carbon Tetrachloride	5.13	117	91741	10.705	ug/l	99
31) Isopropyl Ether	3.58	45	260055	9.769	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	208544	10.034	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	174592	10.489	ug/l	100
34) Propionitrile	4.35	54	32210	47.394	ug/l #	96
35) Benzene	5.39	78	277018	10.152	ug/l	99
36) 1,2-Dichloroethane	5.41	62	92428	10.332	ug/l	100
37) Trichloroethene	6.18	130	62008	10.236	ug/l	96
38) 1,2-Dichloropropane	6.43	63	82684	10.023	ug/l	96
39) Methacrylonitrile	4.56	41	29874	8.399	ug/l	99
40) Methyl acrylate	4.44	55	41147	9.086	ug/l	98
41) Tetrahydrofuran	4.67	42	31220	18.711	ug/l	99
42) 1-Chlorobutane	5.06	56	156907	10.451	ug/l	100

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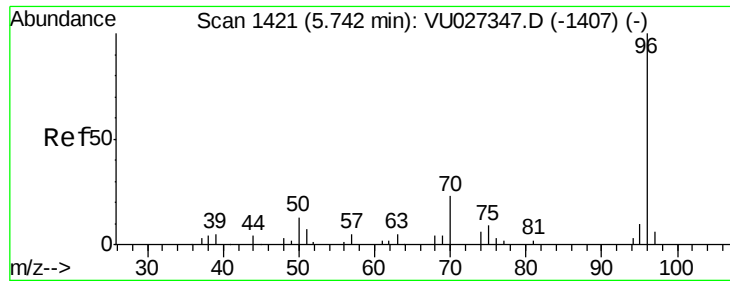
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	36045	10.501	ug/l	98
44) Bromodichloromethane	6.76	83	95503	10.254	ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	285275	53.977	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	34689m	22.639	ug/l	
47) Methyl methacrylate	6.64	69	70914	20.521	ug/l	99
48) Ethyl methacrylate	8.03	69	65235	10.837	ug/l	98
49) Toluene	7.64	92	155564	10.426	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	85889	10.383	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	100898	10.181	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	50835	10.523	ug/l	97
53) 1,3-Dichloropropane	8.25	76	94493	10.310	ug/l	99
54) 2-Hexanone	8.37	43	200997	55.042	ug/l	99
55) Dibromochloromethane	8.48	129	57156	10.715	ug/l	99
56) 1,2-Dibromoethane	8.59	107	43516	10.190	ug/l	100
58) Tetrachloroethene	8.22	164	52999	9.869	ug/l	98
59) Chlorobenzene	9.12	112	159200	10.231	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	62108	10.383	ug/l	99
61) Pentachloroethane	11.10	117	52926	10.704	ug/l	97
62) Hexachloroethane	12.15	117	53116	11.264	ug/l	99
63) Ethyl Benzene	9.25	91	290799	10.886	ug/l	100
64) m/p-Xylenes	9.38	106	226801	22.648	ug/l	99
65) o-Xylene	9.78	106	105992	11.150	ug/l	99
66) Styrene	9.79	104	191525	11.479	ug/l	99
67) Bromoform	9.96	173	30875	10.822	ug/l	98
69) Isopropylbenzene	10.17	105	279856	11.164	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	67227	10.302	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	51889m	10.305	ug/l	
72) Bromobenzene	10.45	156	63372	10.478	ug/l	98
73) n-propylbenzene	10.59	120	77938	11.546	ug/l	99
74) 2-Chlorotoluene	10.66	126	67423	10.929	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	254986	11.435	ug/l	100
76) 4-Chlorotoluene	10.77	126	71874	11.354	ug/l	100
77) tert-Butylbenzene	11.10	119	234971	11.160	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	264053	9.698	ug/l	98
79) sec-Butylbenzene	11.32	105	328062	11.357	ug/l	99
80) Nitrobenzene	12.86	77	15518	57.850	ug/l	95
81) p-Isopropyltoluene	11.48	119	273291	9.729	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	136442	10.713	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	136728	10.724	ug/l	99
84) n-Butylbenzene	11.89	91	273900	9.614	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	126529	10.737	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10489	10.613	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	78044	10.448	ug/l	99
88) Hexachlorobutadiene	13.69	225	52395	10.604	ug/l	98
89) Naphthalene	13.75	128	147235	11.175	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	81551	11.039	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

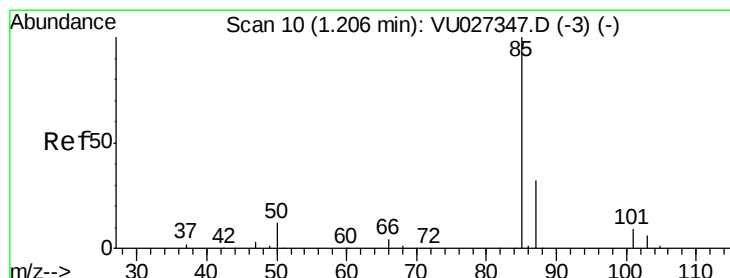
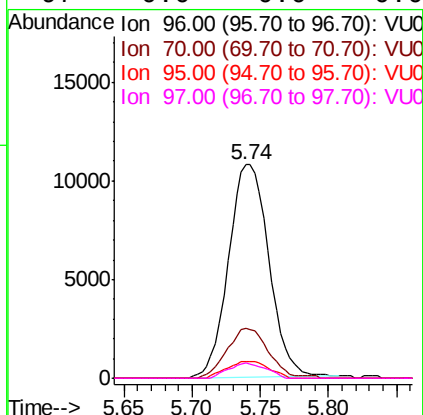
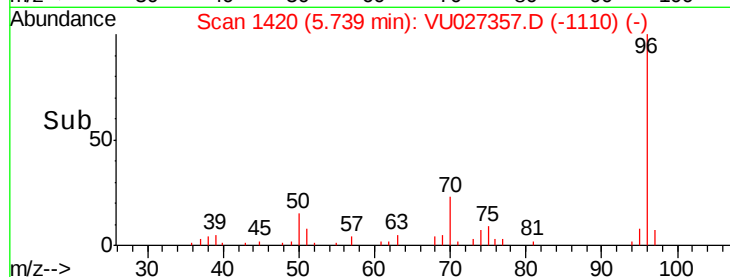
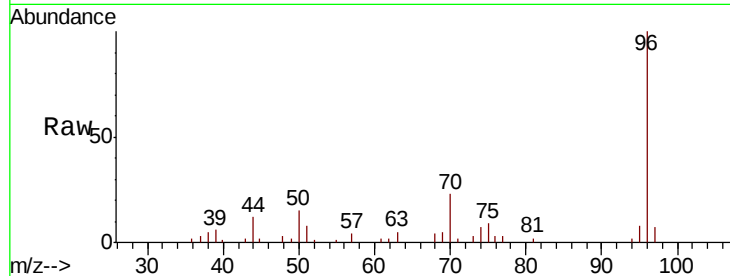
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	22157
Ion	Ratio	Lower	Upper
96	100		
70	24.2	19.2	28.8
95	8.2	7.7	11.5
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 9.946 ug/l

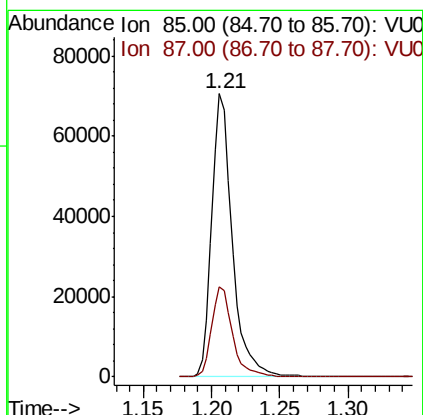
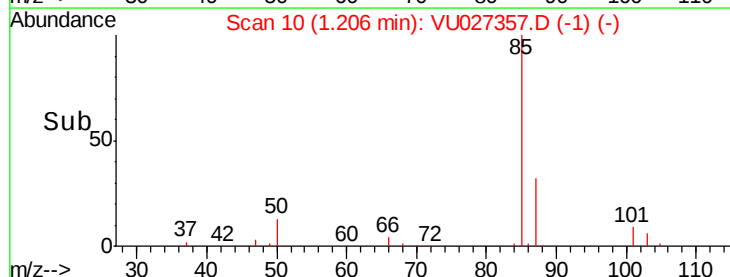
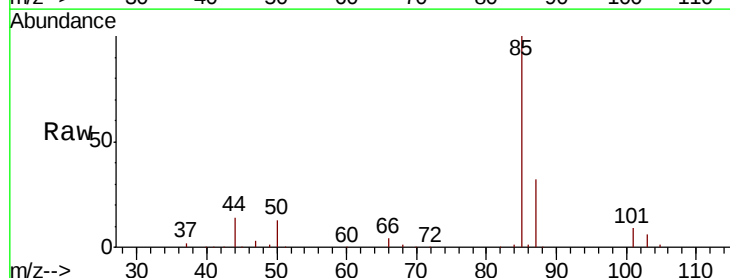
RT: 1.21 min Scan# 10

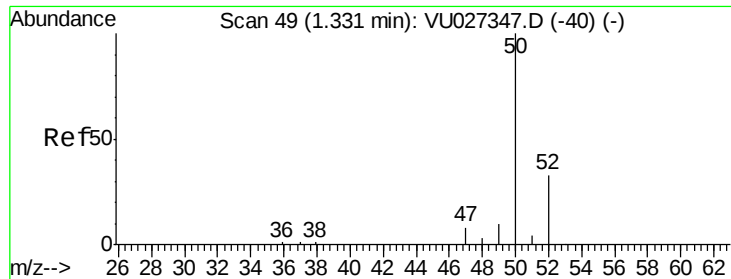
Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Tgt Ion:	85	Resp:	73893
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.3





#3

Chloromethane

Concen: 10.136 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 50 Resp: 87489

Ion Ratio Lower Upper

50 100

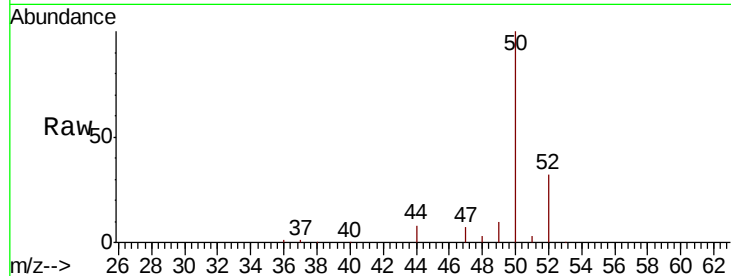
52 32.2 26.0 39.0

Manual Integrations

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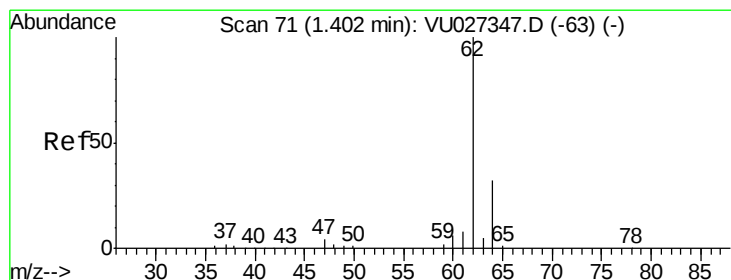
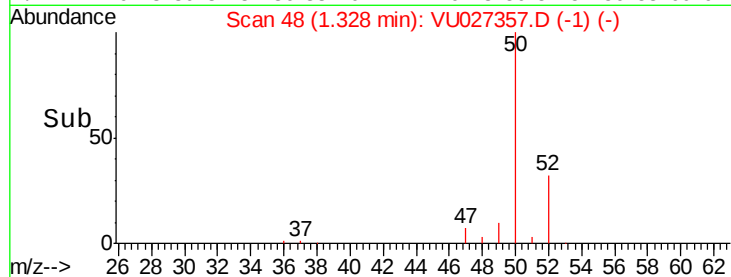
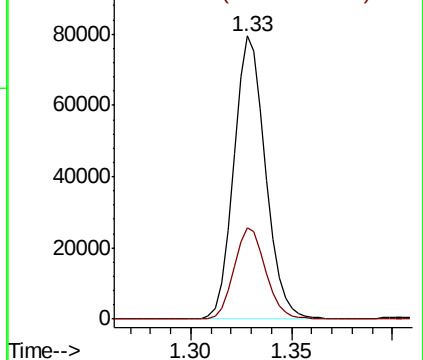
apatel

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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.918 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027357.D

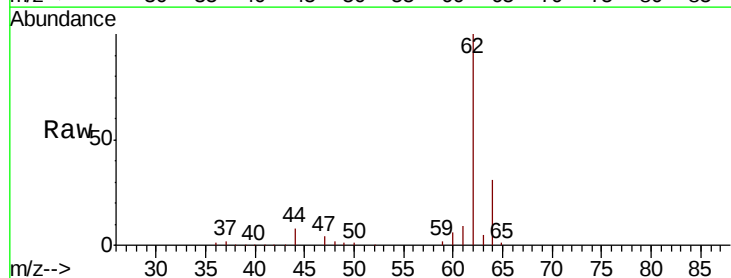
Acq: 03 Oct 2018 11:20

Tgt Ion: 62 Resp: 87078

Ion Ratio Lower Upper

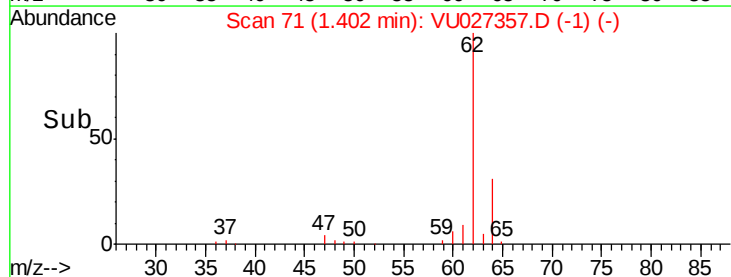
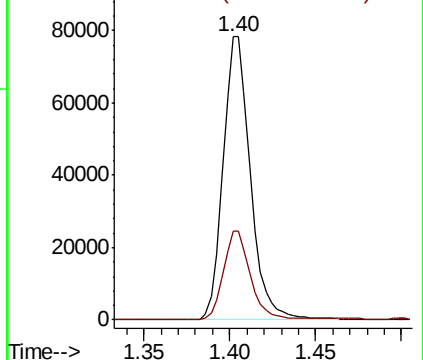
62 100

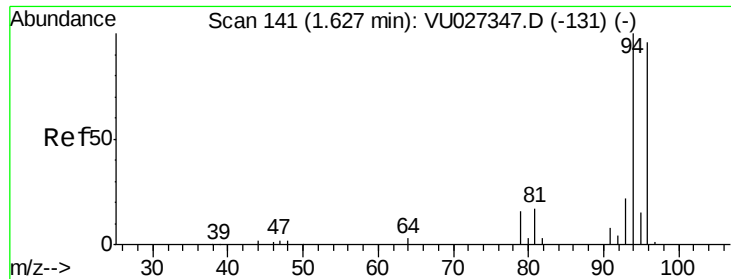
64 31.4 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 11.701 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 94 Resp: 42969

Ion Ratio Lower Upper

94 100

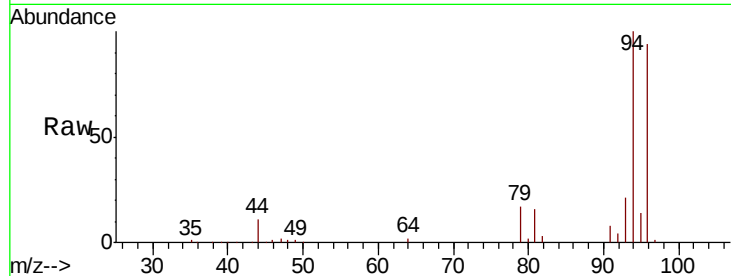
96 94.2 77.0 115.6

Manual Integrations

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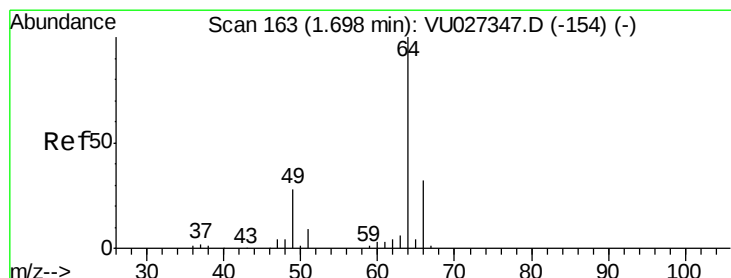
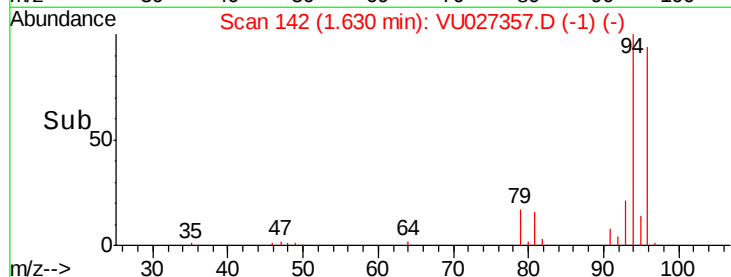
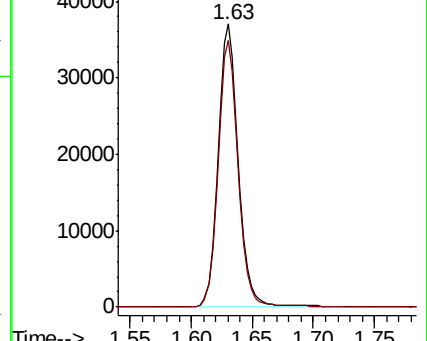
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 10.505 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027357.D

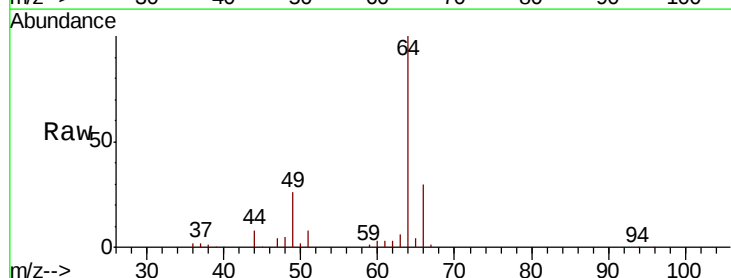
Acq: 03 Oct 2018 11:20

Tgt Ion: 64 Resp: 58035

Ion Ratio Lower Upper

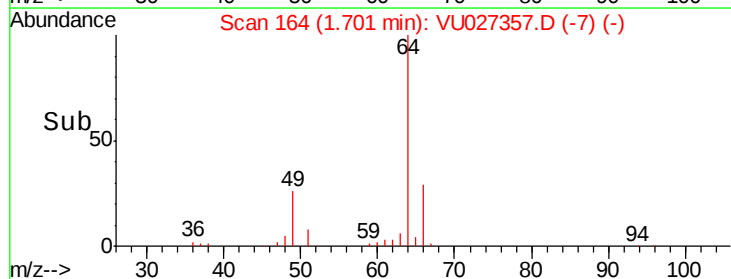
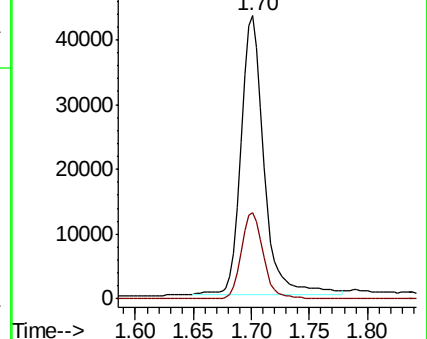
64 100

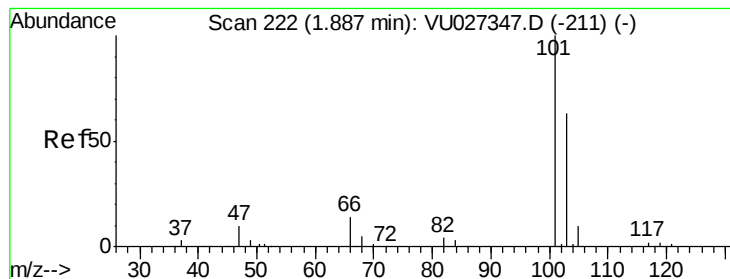
66 30.9 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

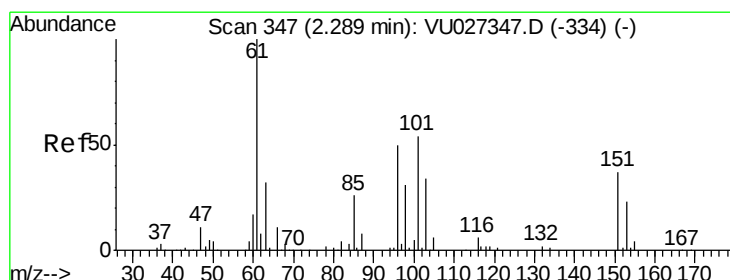
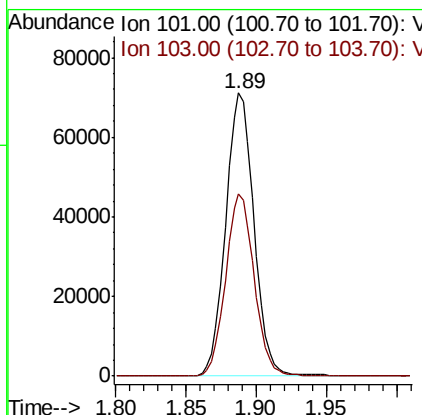
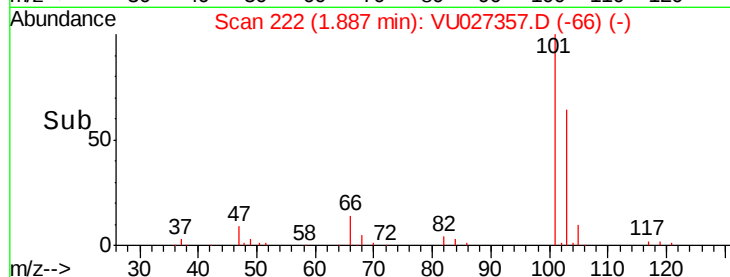
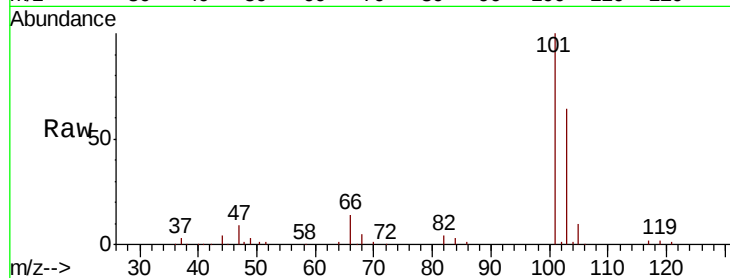
Trichlorofluoromethane
 Concen: 9.799 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027357.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.8	76.2

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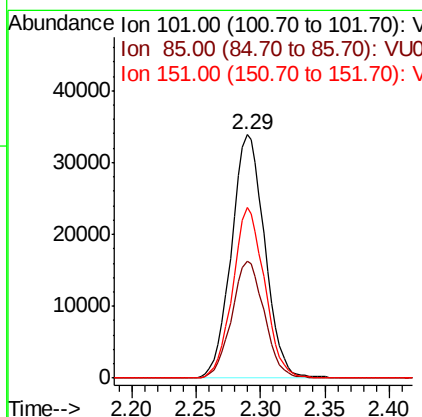
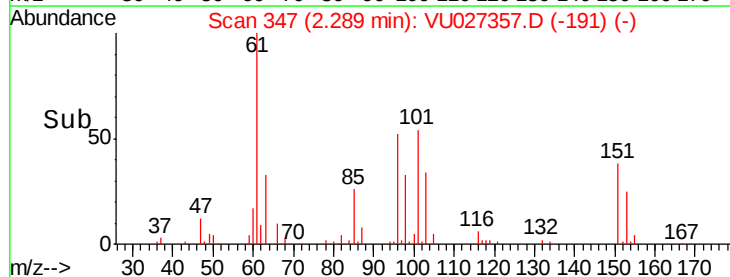
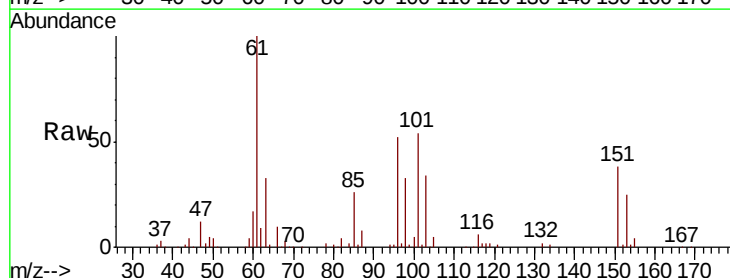
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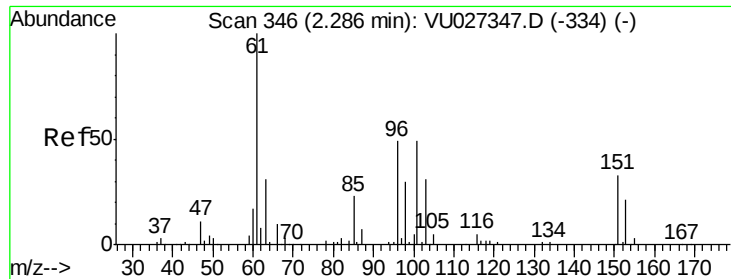


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.161 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.6	56.4
151	67.4	54.6	81.8





#9

1,1-Dichloroethene

Concen: 10.043 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

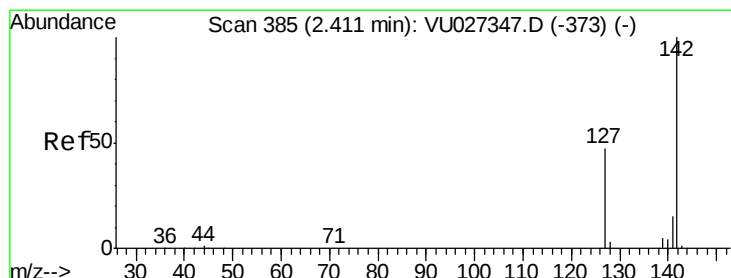
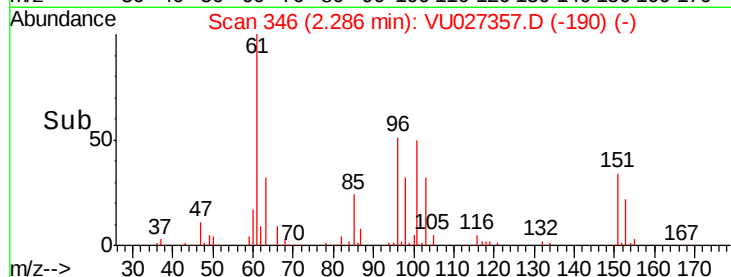
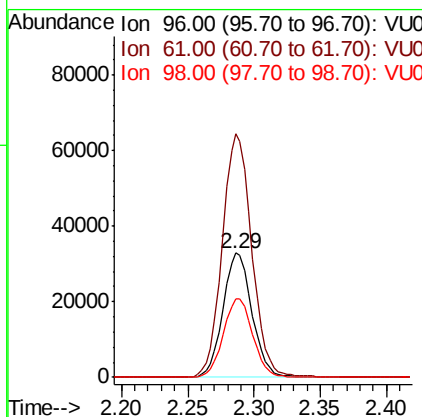
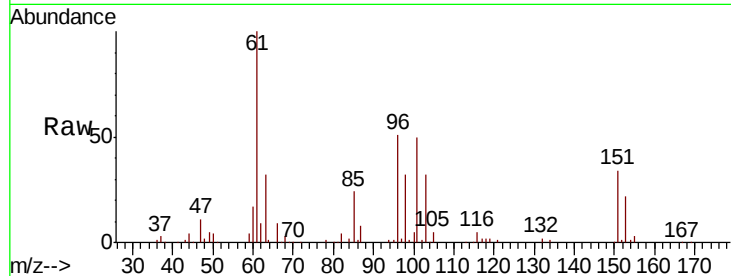
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	50058
Ion Ratio	Lower	Upper	
96	100		
61	195.5	0.0	614.1
98	63.2	0.0	123.4

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#10

Iodomethane

Concen: 10.671 ug/l

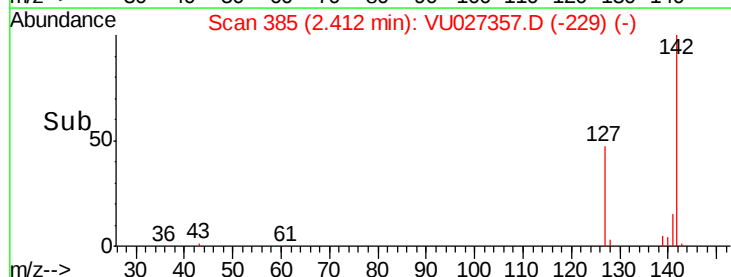
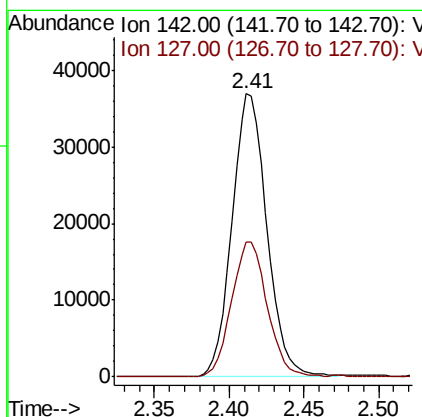
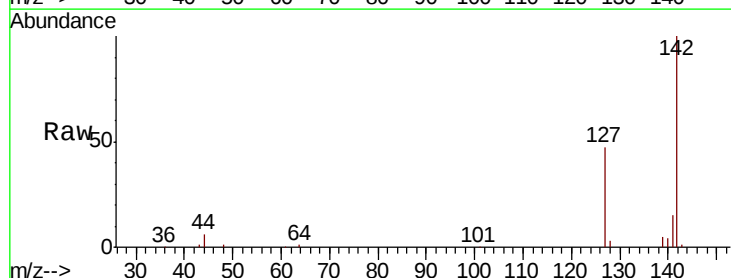
RT: 2.41 min Scan# 385

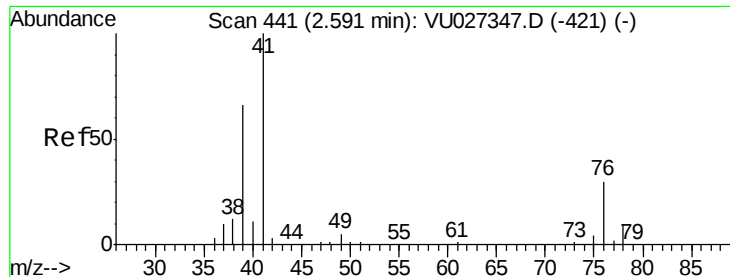
Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Tgt Ion:	142	Resp:	59937
Ion Ratio	Lower	Upper	
142	100		
127	48.5	38.3	57.5





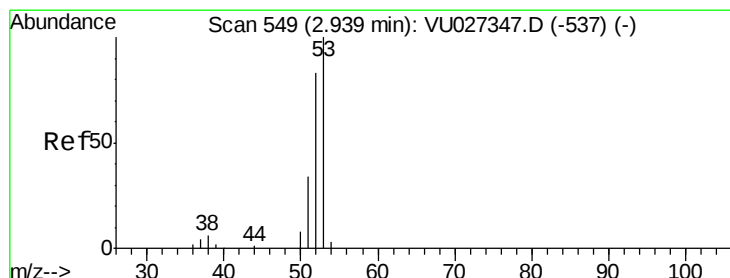
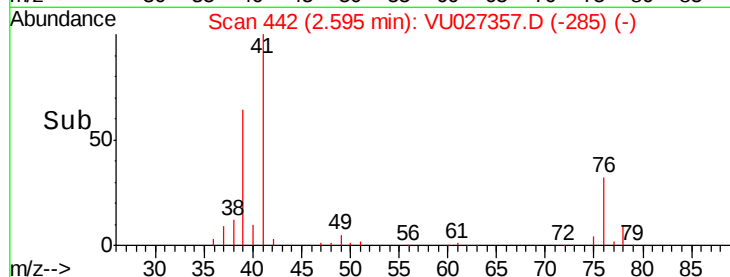
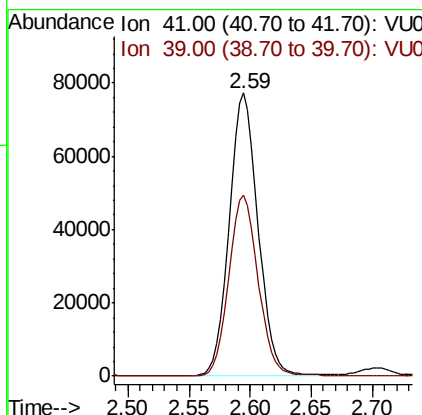
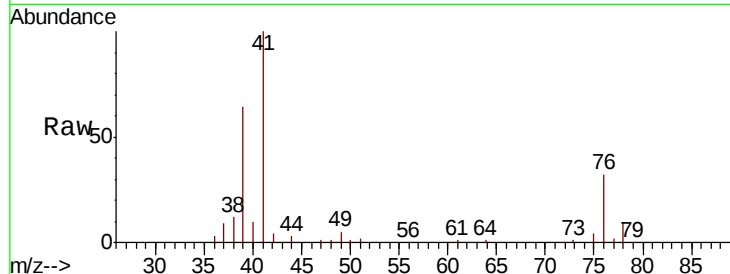
#11
Allvl Chloride
Concen: 9.727 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.6	52.2	78.4

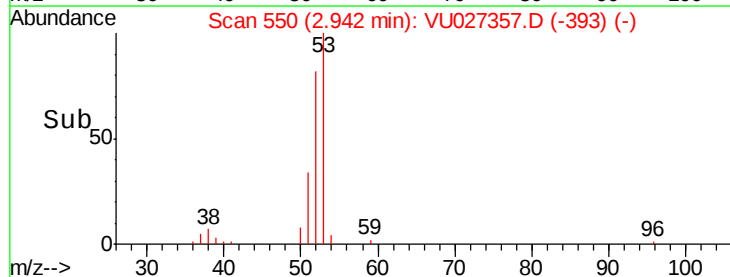
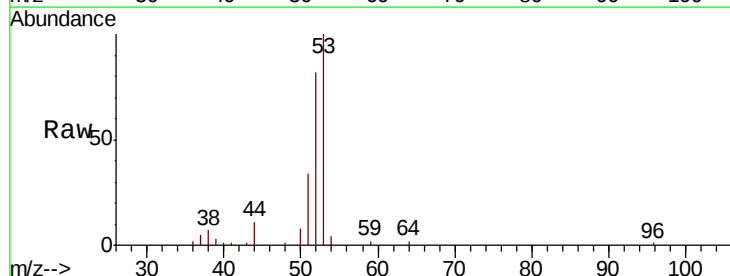
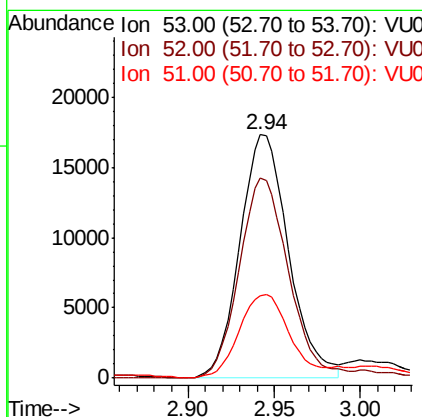
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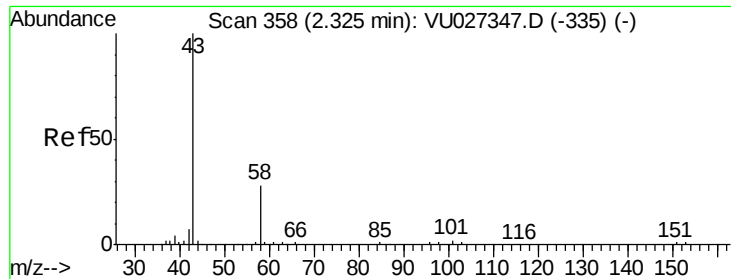
apatel
10/5/2018 11:57:03 AM



#12
Acrylonitrile
Concen: 19.863 ug/l
RT: 2.94 min Scan# 550
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

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





#13

Acetone

Concen: 49.528 ug/l

RT: 2.33 min Scan# 360

Delta R.T. 0.01 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 70839

Ion Ratio Lower Upper

43 100

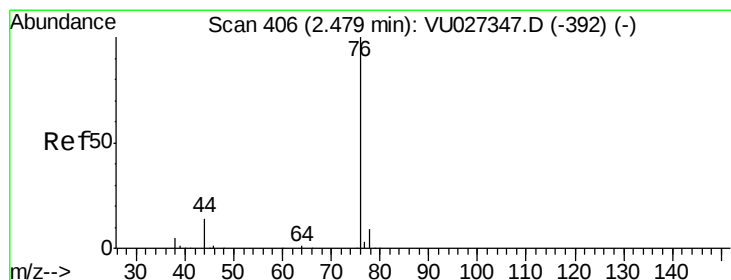
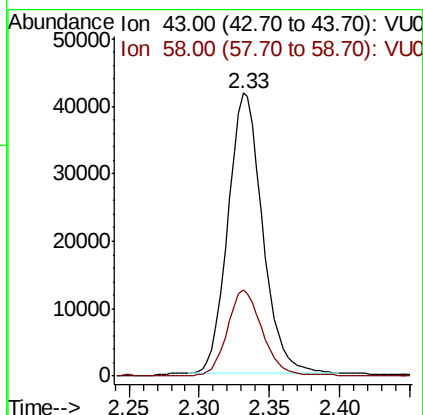
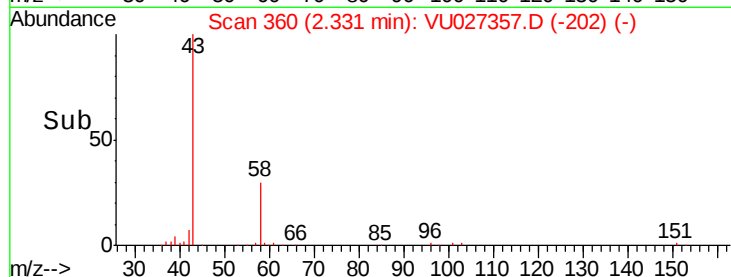
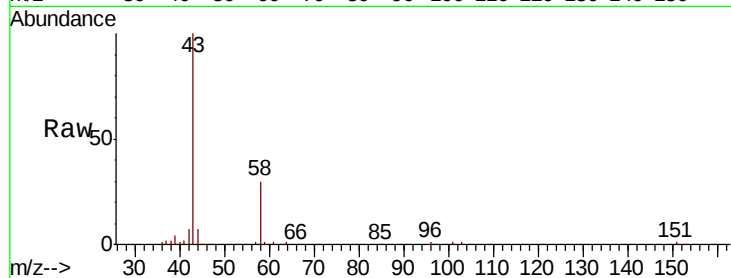
58 30.4 22.6 34.0

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#14

Carbon Disulfide

Concen: 9.125 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027357.D

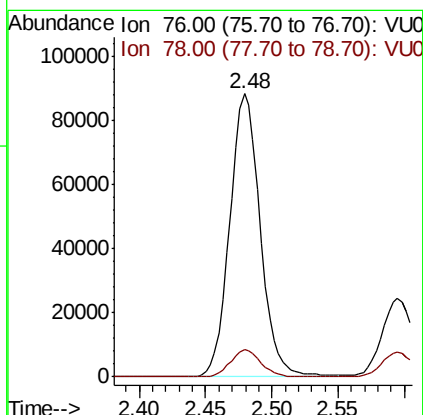
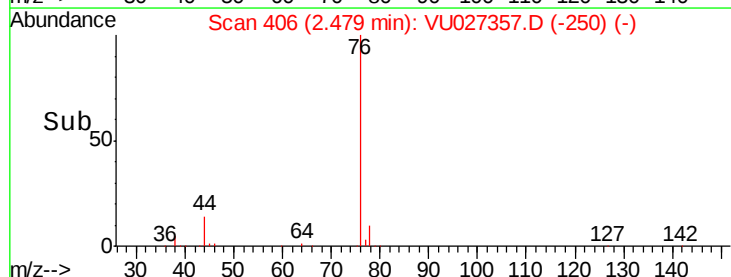
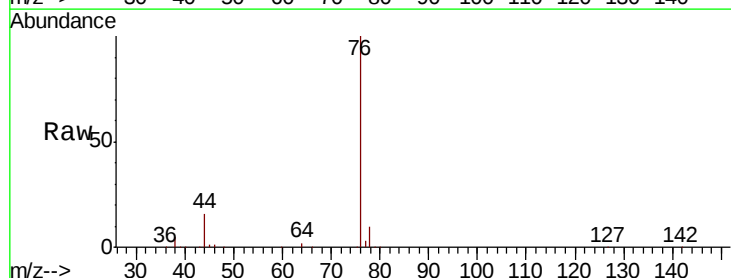
Acq: 03 Oct 2018 11:20

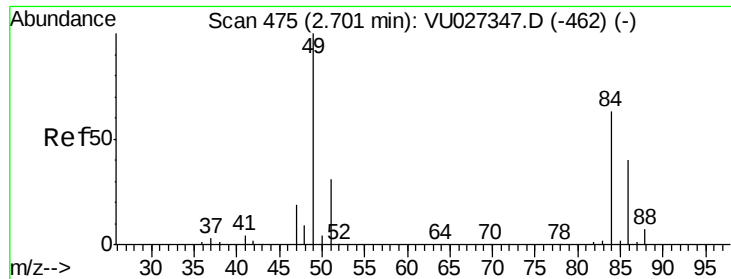
Tgt Ion: 76 Resp: 141296

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





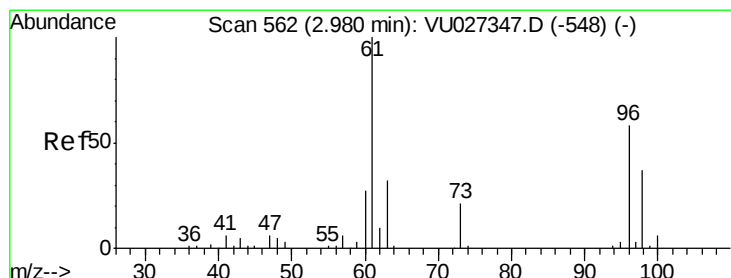
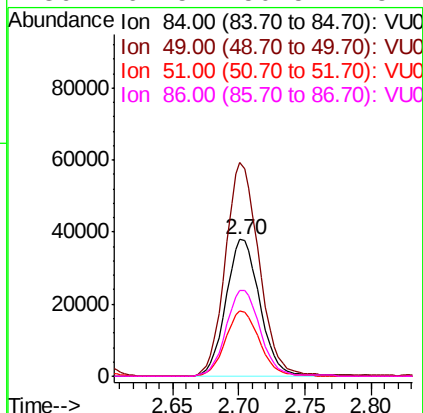
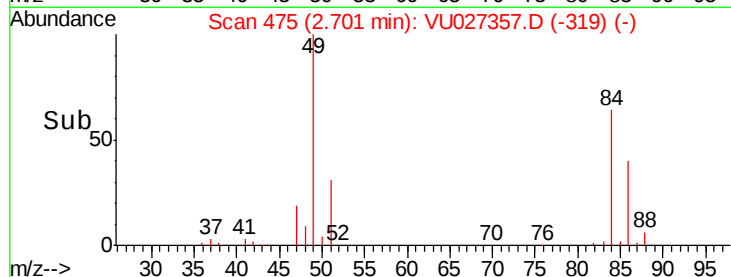
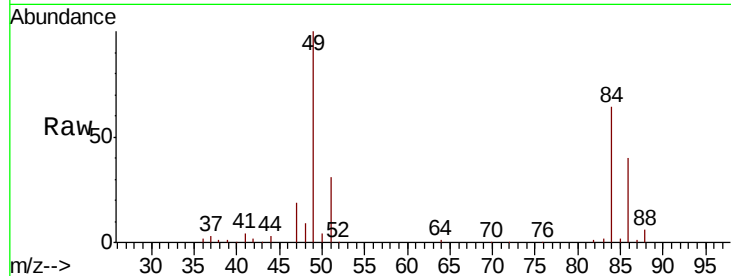
#15
Methvlene Chloride
Concen: 10.467 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	84	Resp:	67547
Ion	Ratio	Lower	Upper
84	100		
49	156.3	126.0	189.0
51	47.8	0.0	97.4
86	62.5	50.5	75.7

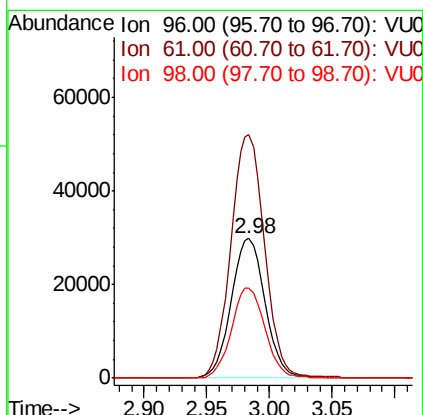
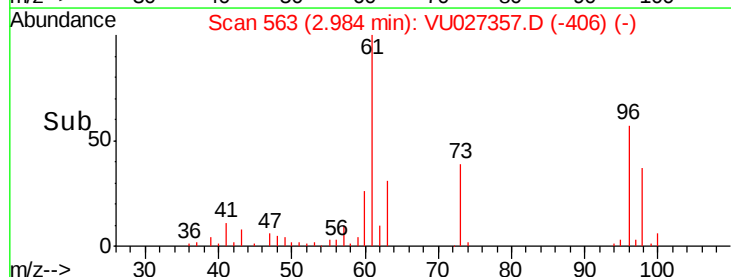
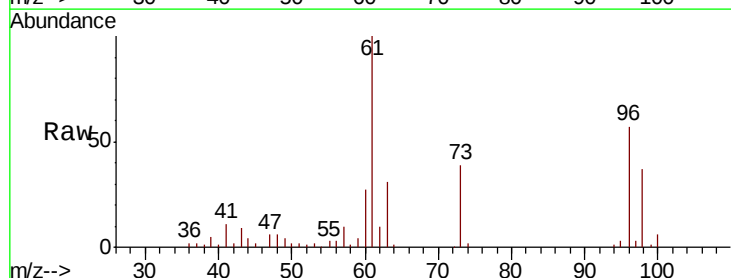
Manual Integrations
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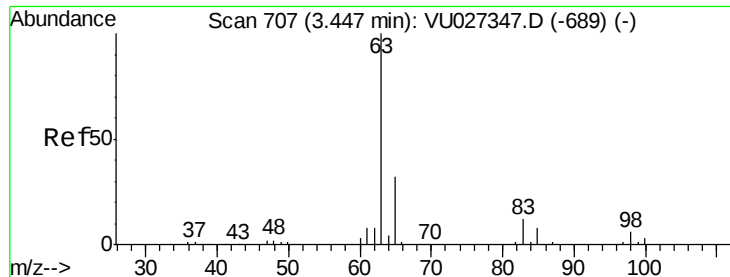
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#16
trans-1,2-Dichloroethene
Concen: 9.720 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion:	96	Resp:	56351
Ion	Ratio	Lower	Upper
96	100		
61	174.5	138.2	207.4
98	64.2	51.5	77.3





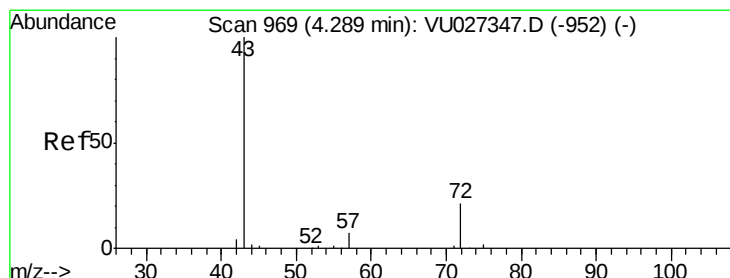
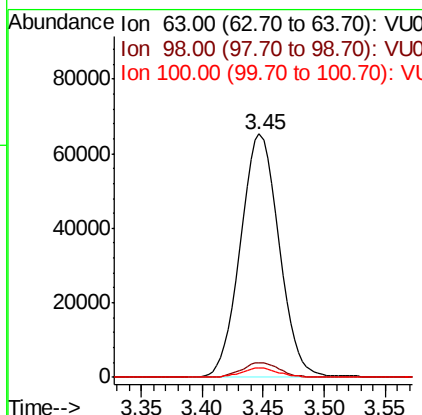
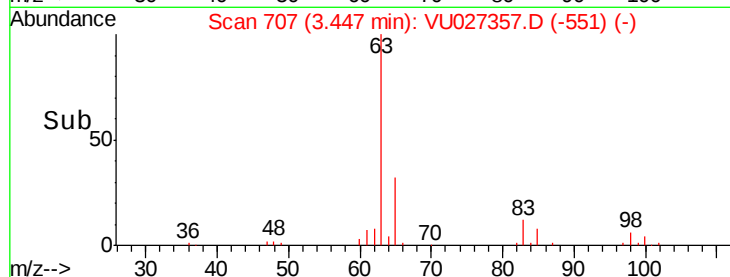
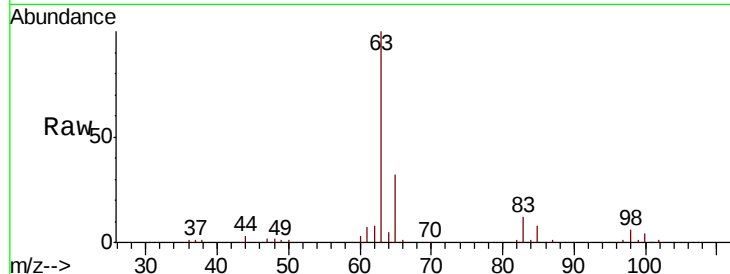
#17
 1,1-Dichloroethane
 Concen: 10.214 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	63	Resp:	142939
Ion Ratio	Lower	Upper	
63	100		
98	6.0	2.9	8.6
100	4.0	1.8	5.3

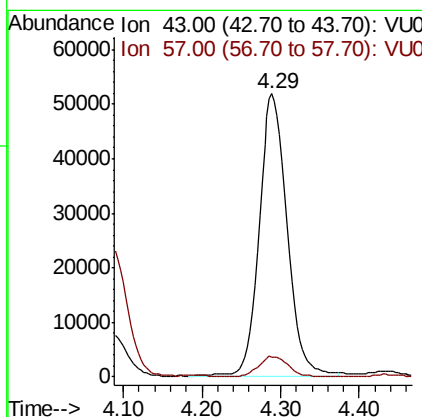
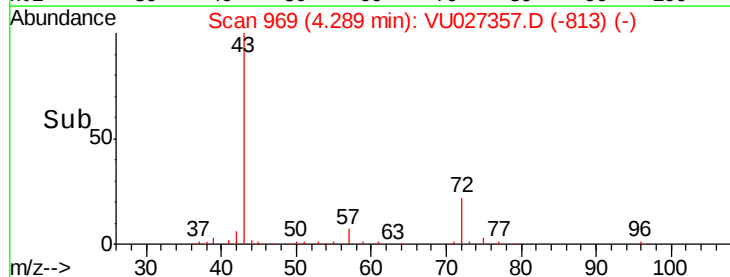
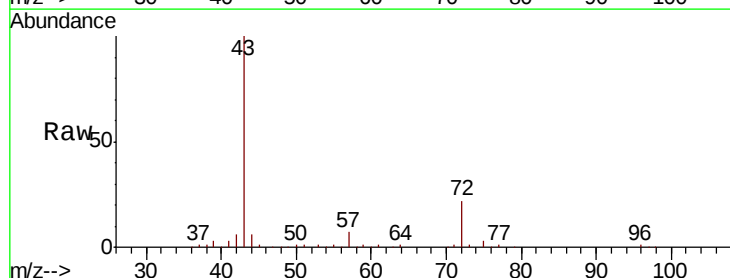
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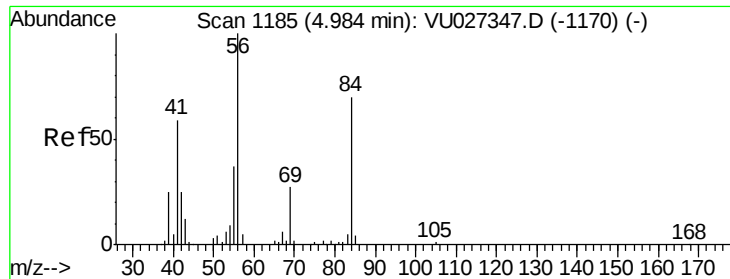
apatel
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#18
 2-Butanone
 Concen: 49.201 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion:	43	Resp:	129631
Ion Ratio	Lower	Upper	
43	100		
57	7.2	0.0	14.4





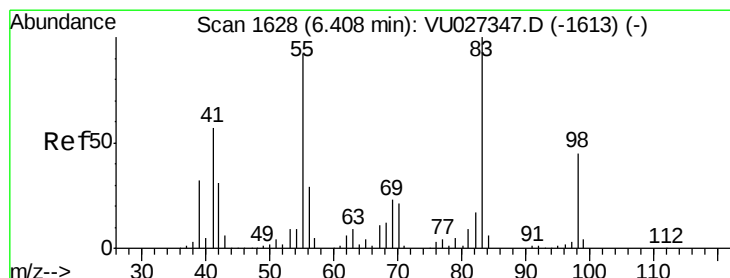
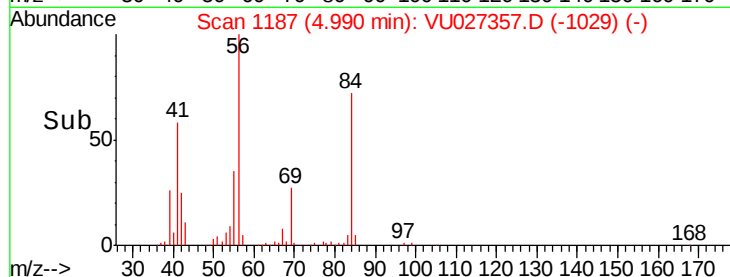
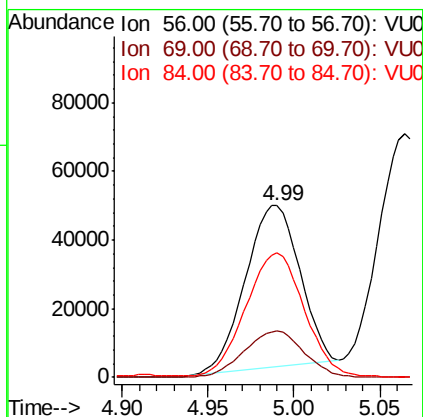
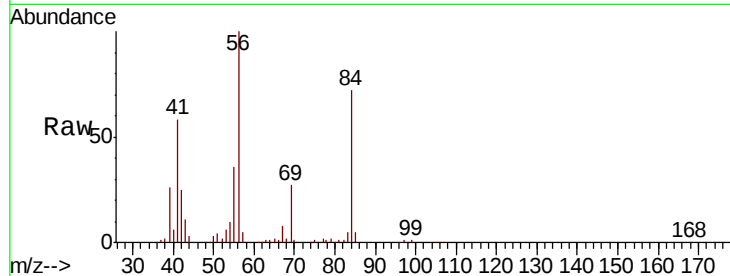
#19
Cyclohexane
Concen: 9.845 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. 0.01 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	81.1	63.0	94.6

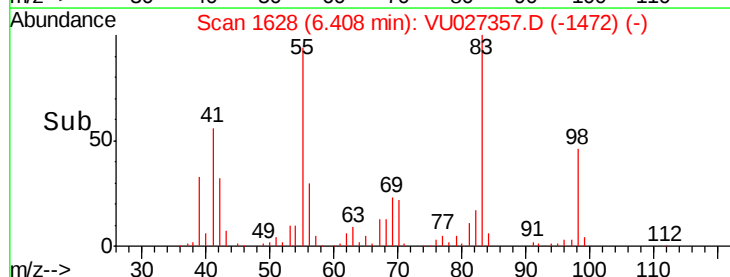
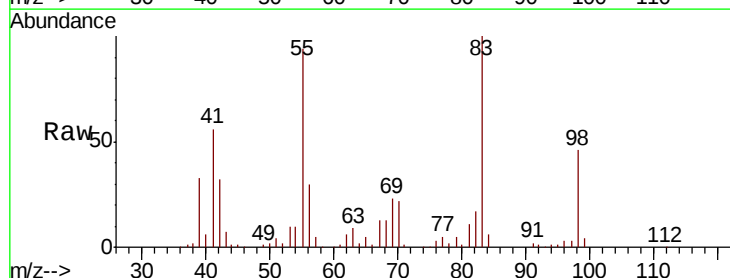
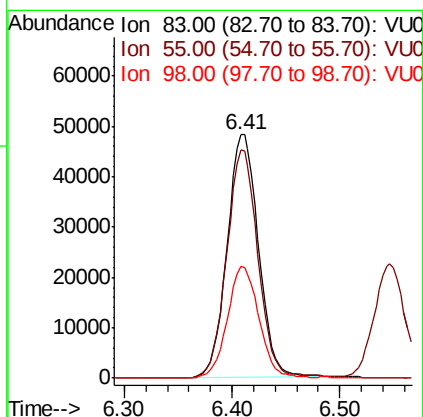
Manual Integrations
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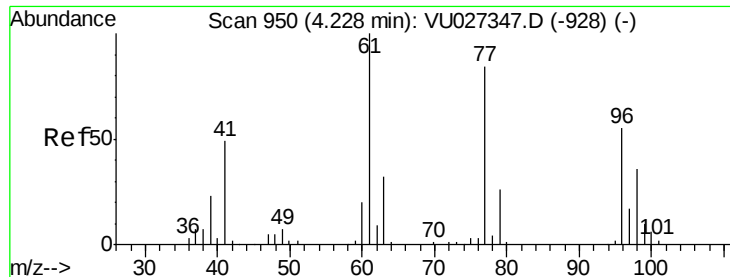
apatel
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#20
Methylcyclohexane
Concen: 10.242 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.1	71.6	107.4
98	45.6	35.8	53.6





#21

2,2-Dichloropropane

Concen: 9.628 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 77 Resp: 115395

Ion Ratio Lower Upper

77 100

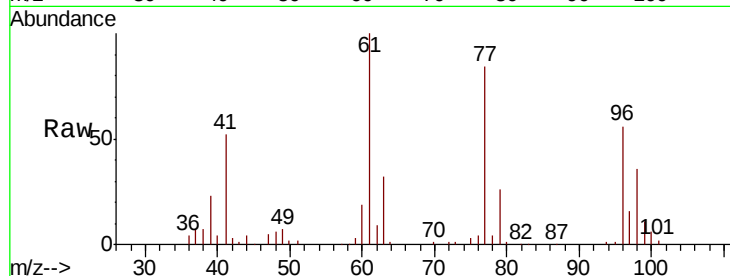
97 19.7 16.0 24.0

Manual Integrations

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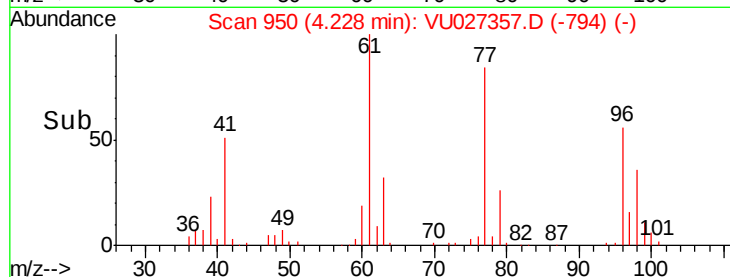


Abundance Ion 77.00 (76.70 to 77.70): VU027347.D (-928) (-)

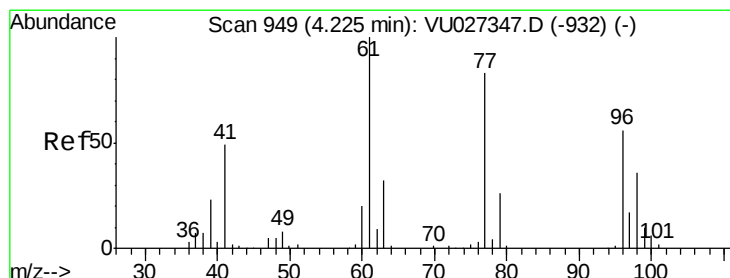
Ion 97.00 (96.70 to 97.70): VU027347.D (-928) (-)

4.23

4.10 4.20 4.30



Time-->



#22

cis-1,2-Dichloroethene

Concen: 9.776 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

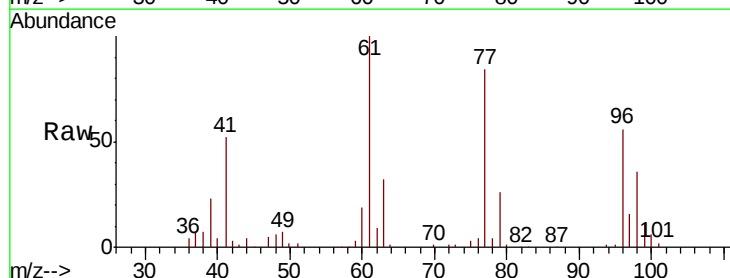
Tgt Ion: 96 Resp: 68284

Ion Ratio Lower Upper

96 100

61 184.4 0.0 461.8

98 64.9 32.5 97.4



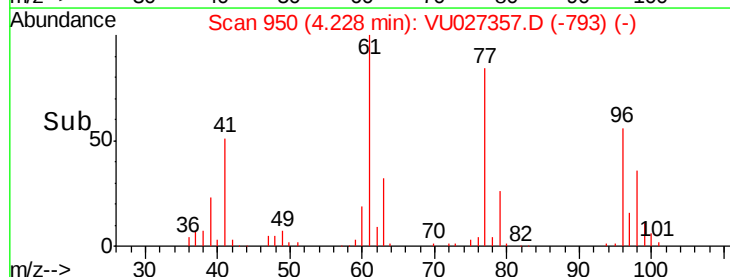
Abundance Ion 96.00 (95.70 to 96.70): VU027347.D (-932) (-)

Ion 61.00 (60.70 to 61.70): VU027347.D (-932) (-)

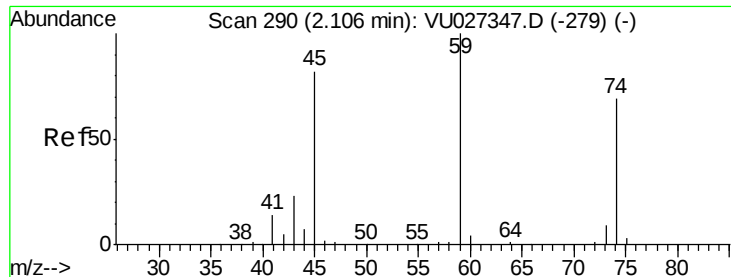
Ion 98.00 (97.70 to 98.70): VU027347.D (-932) (-)

4.23

4.10 4.20 4.30



Time-->



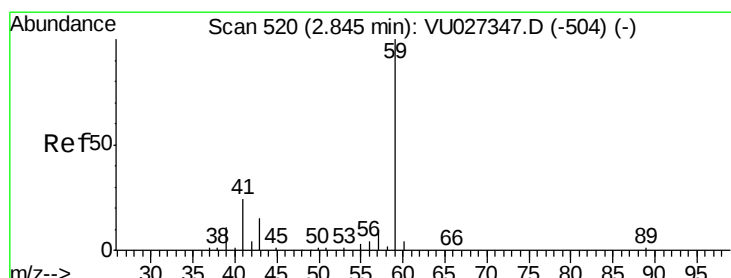
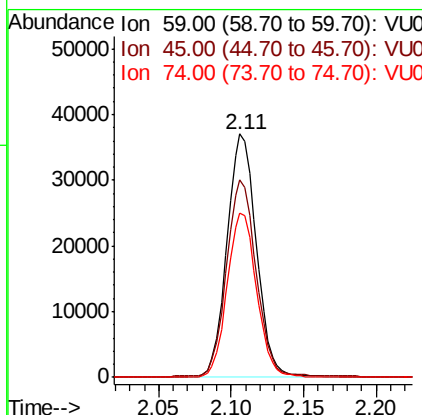
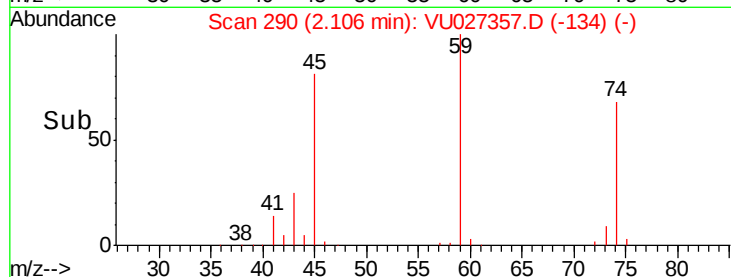
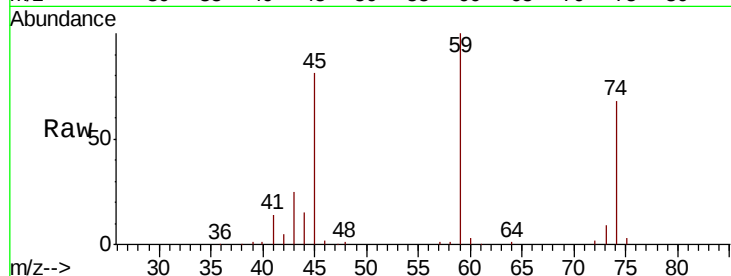
#23
Diethyl Ether
Concen: 9.799 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

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

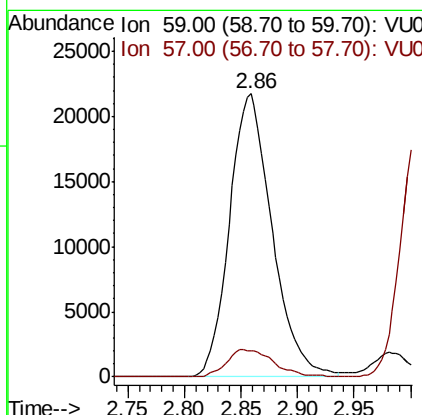
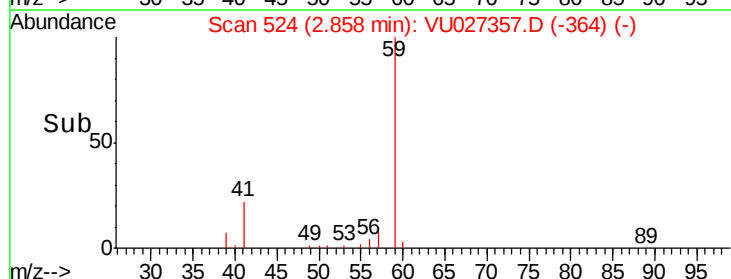
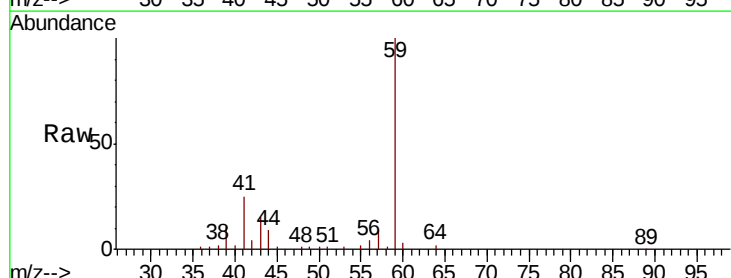
Manual Integrations
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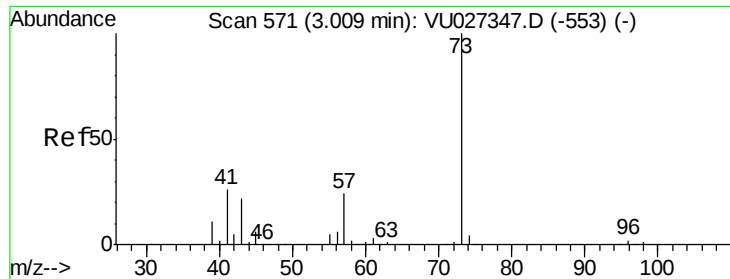
apatel
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#24
tert-Butyl Alcohol
Concen: 94.499 ug/l
RT: 2.86 min Scan# 524
Delta R.T. 0.01 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2





#25

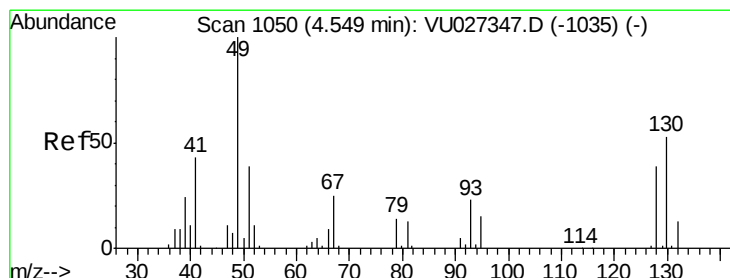
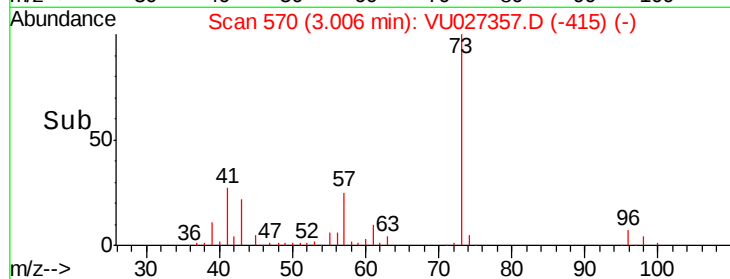
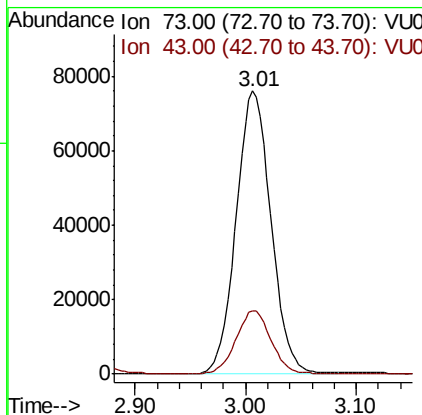
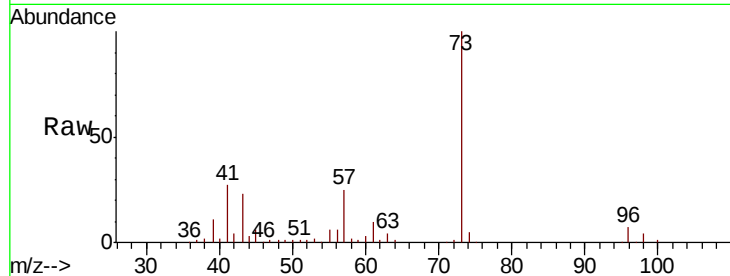
Methyl tert-Butyl Ether
 Concen: 10.016 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.6	26.4

Manual Integrations
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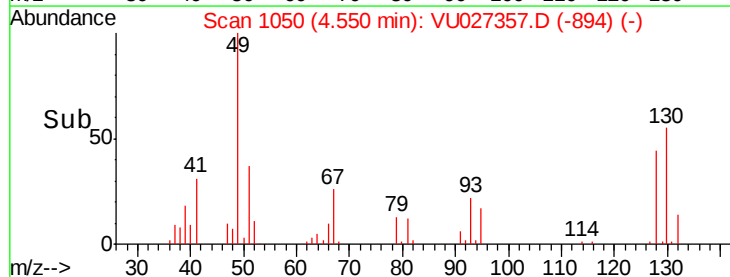
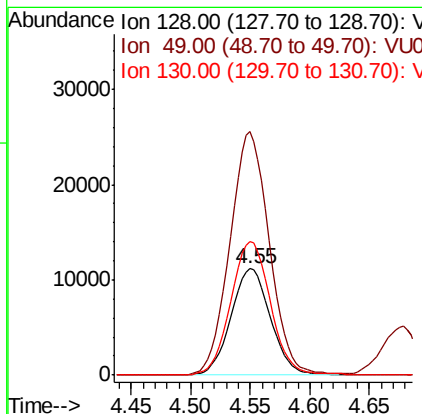
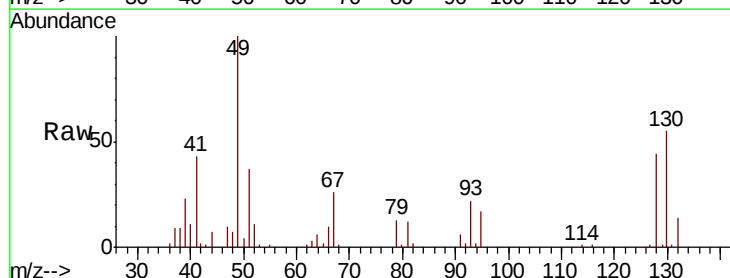
apatel
 10/5/2018 11:57:03 AM

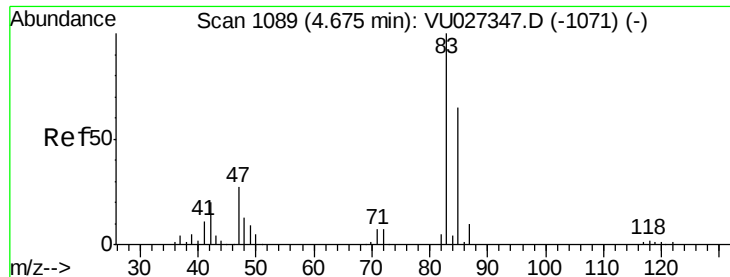


#26

Bromochloromethane
 Concen: 10.021 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
128	100		
49	227.5	0.0	498.8
130	126.0	103.8	155.8





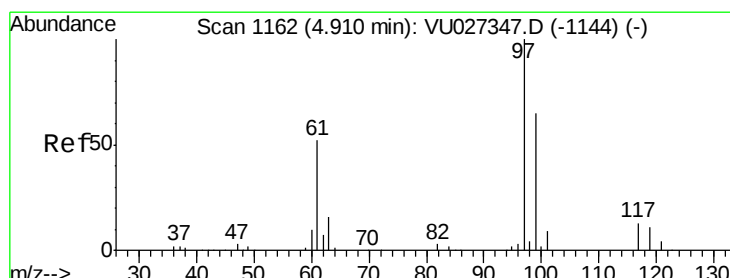
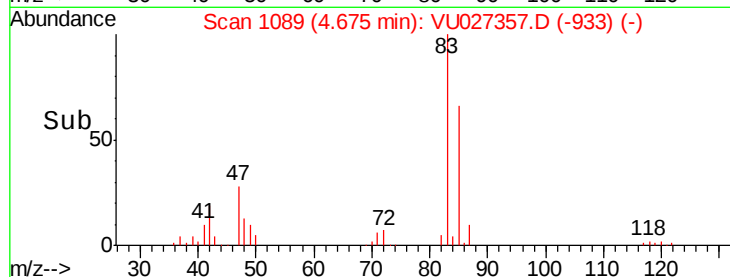
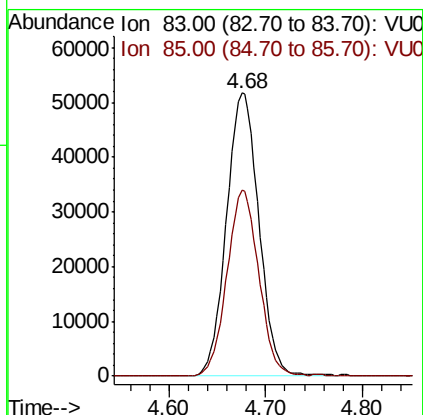
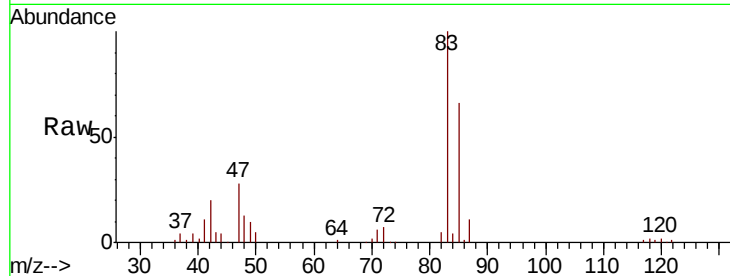
#27
Chloroform
Concen: 9.445 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	83.00	Resp	120666
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	0.0	129.4

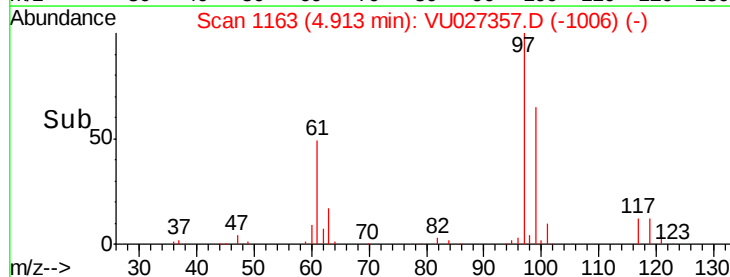
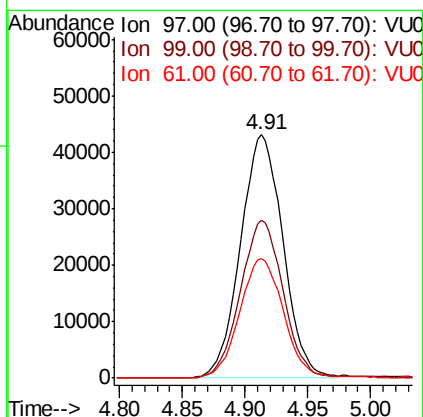
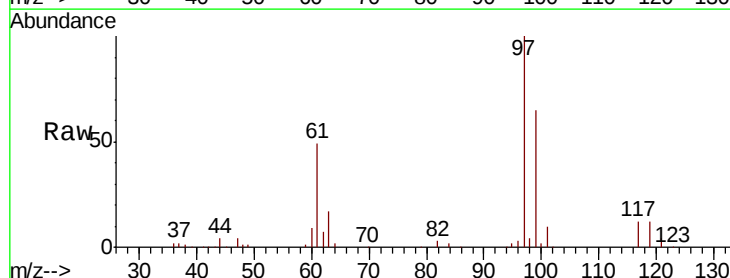
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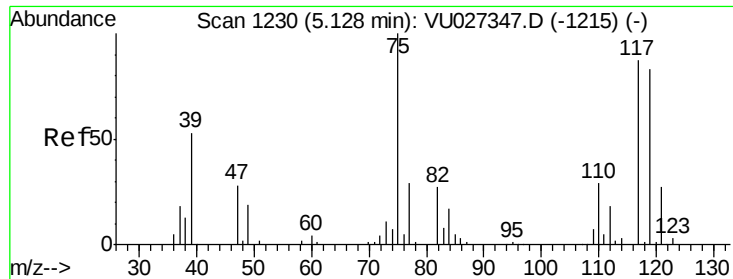
apatel
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#28
1,1,1-Trichloroethane
Concen: 9.820 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	97.00	Resp	101758
Ion Ratio	100	Lower	Upper
97	100		
99	65.1	31.9	95.9
61	50.6	25.7	77.1





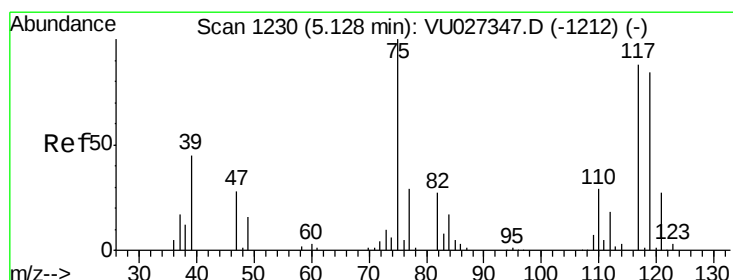
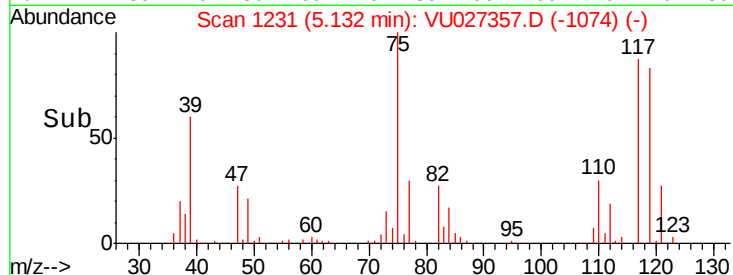
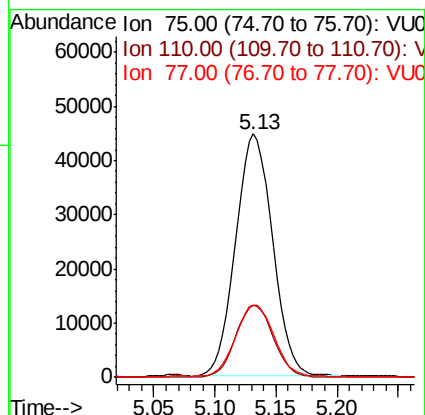
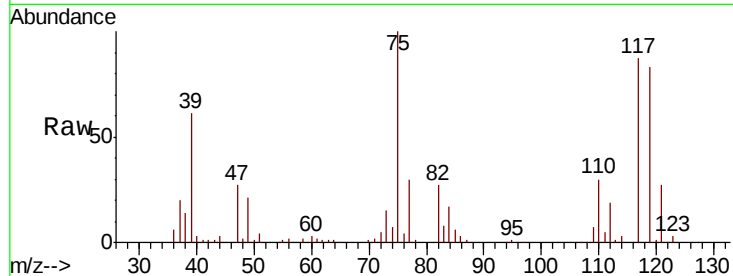
#29
 1,1-Dichloropropene
 Concen: 10.065 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.4	15.0	45.0
77	30.5	24.2	36.2

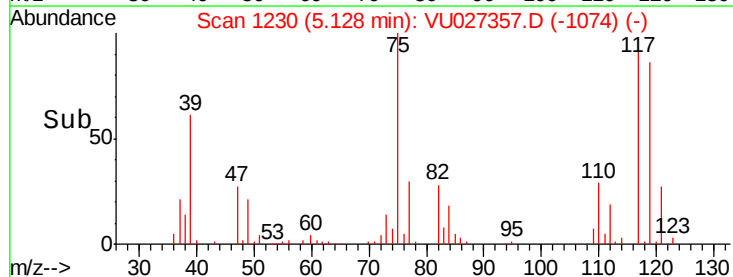
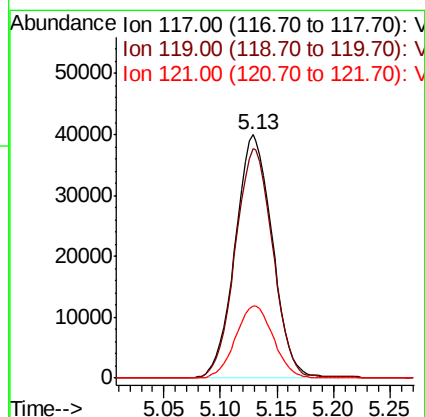
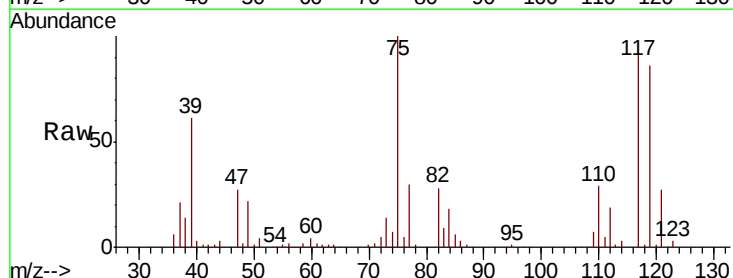
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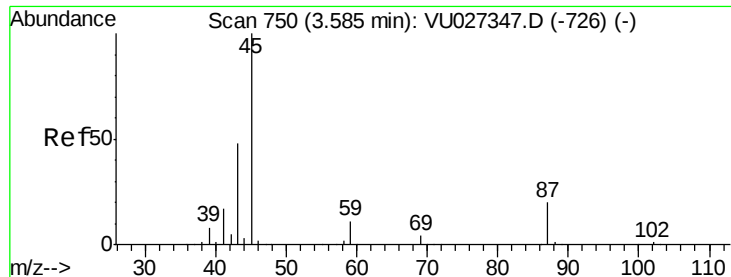
apatel
 10/5/2018 11:57:03 AM



#30
 Carbon Tetrachloride
 Concen: 10.705 ug/l
 RT: 5.13 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.9	113.9
121	29.9	24.6	37.0





#31

Isopropyl Ether

Concen: 9.769 ug/l

RT: 3.58 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 260055

Ion Ratio Lower Upper

45 100

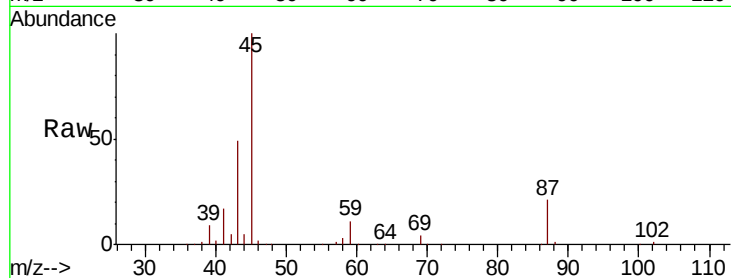
43 49.2 24.1 72.3

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

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

120000

100000

80000

60000

40000

20000

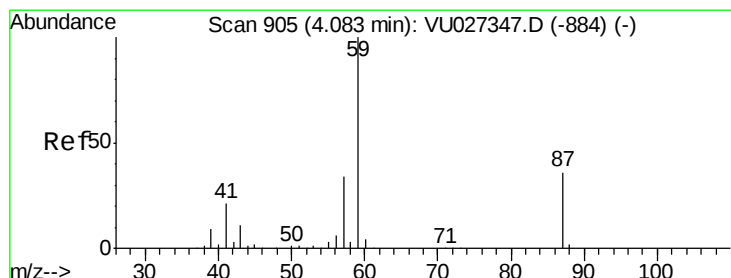
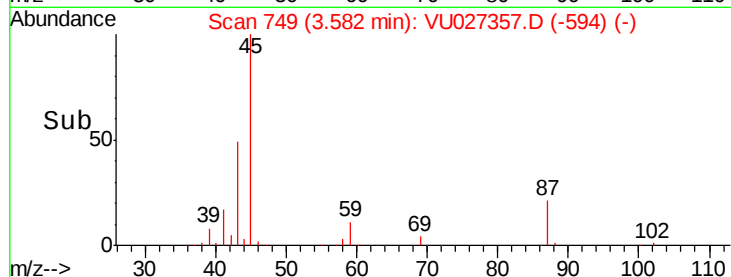
0

3.50

3.60

3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.034 ug/l

RT: 4.08 min Scan# 905

Delta R.T. 0.00 min

Lab File: VU027357.D

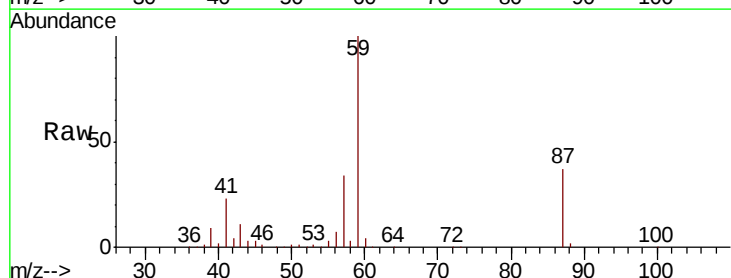
Acq: 03 Oct 2018 11:20

Tgt Ion: 59 Resp: 208544

Ion Ratio Lower Upper

59 100

87 36.7 28.6 42.8



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

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

80000

60000

40000

20000

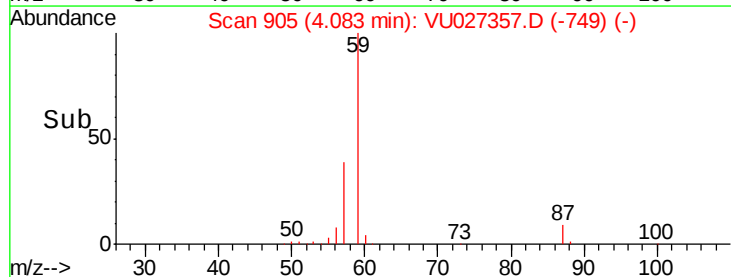
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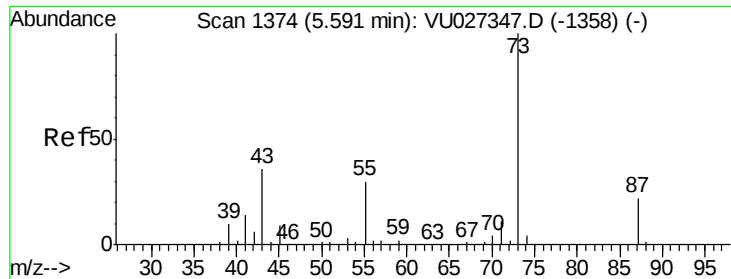
4.00

4.10

4.20

Time-->





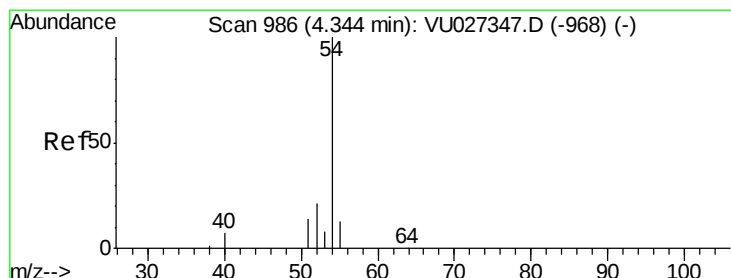
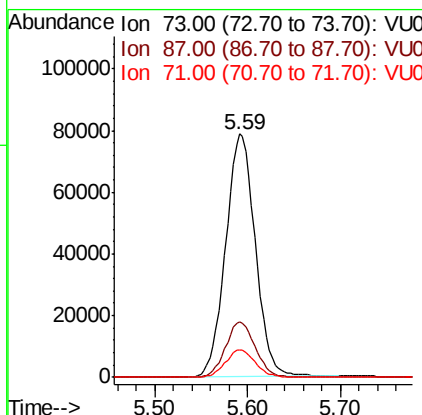
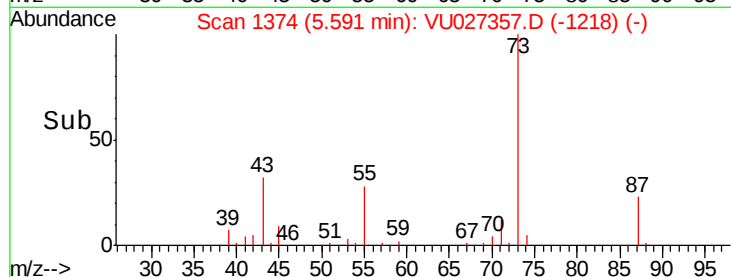
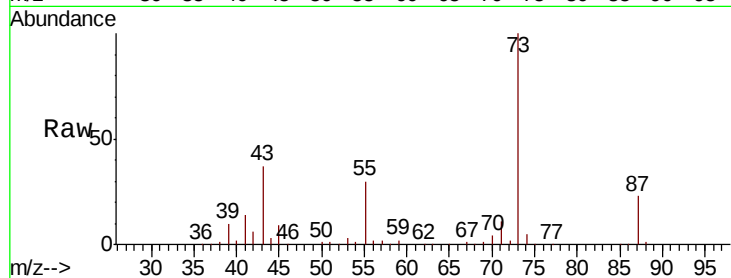
#33
Tert-Butyl methyl ether
Concen: 10.489 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.8	18.1	27.1
71	11.3	9.2	13.8

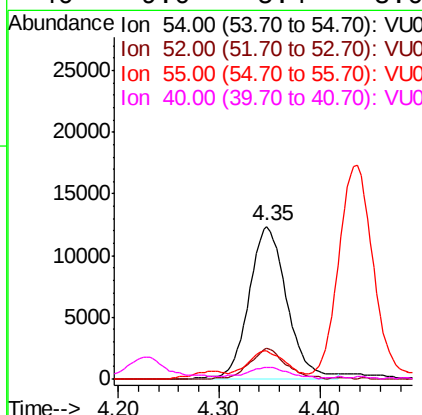
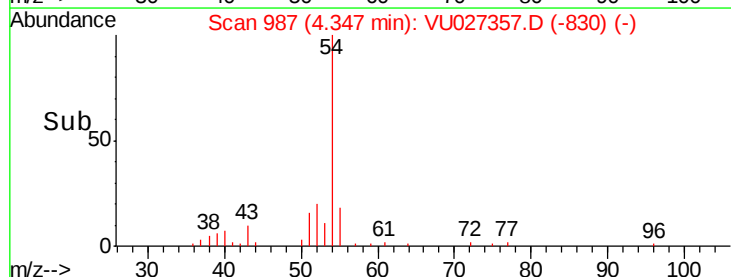
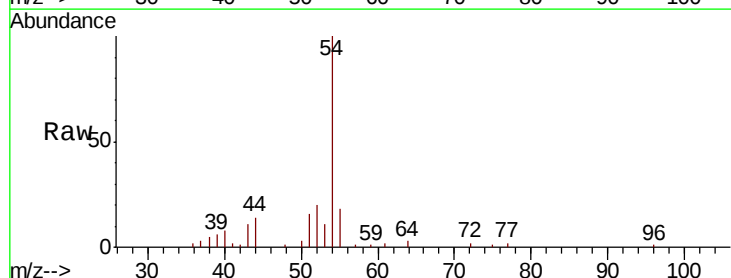
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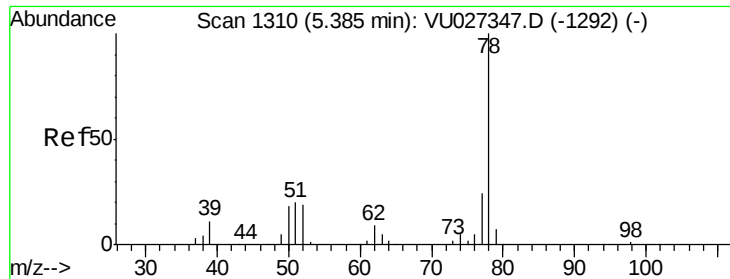
apatel
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#34
Propionitrile
Concen: 47.394 ug/l
RT: 4.35 min Scan# 987
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.9	16.9	25.3
55	18.2	13.9	20.9
40	9.0	5.4	8.0





#35

Benzene

Concen: 10.152 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 78 Resp: 277018

Ion Ratio Lower Upper

78 100

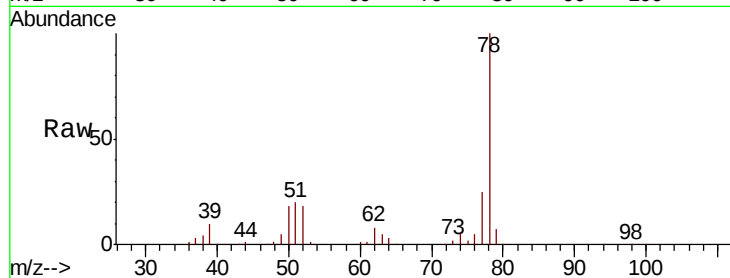
77 24.7 19.5 29.3

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Abundance Ion 78.10 (77.80 to 78.80): VU027347.D (-1292) (-)

Ion 77.00 (76.70 to 77.70): VU027347.D (-1292) (-)

5.39

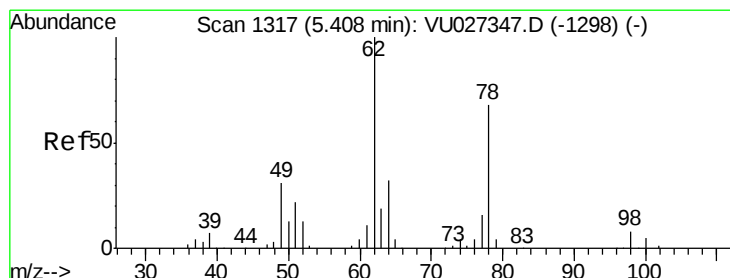
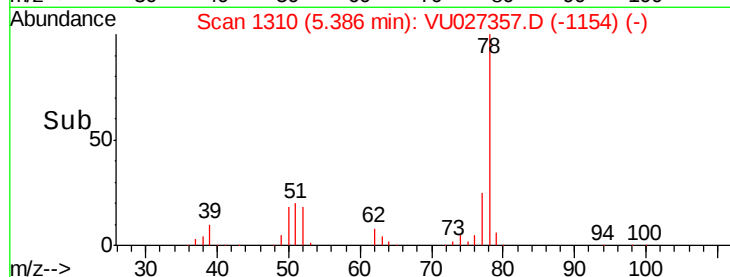
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.332 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027357.D

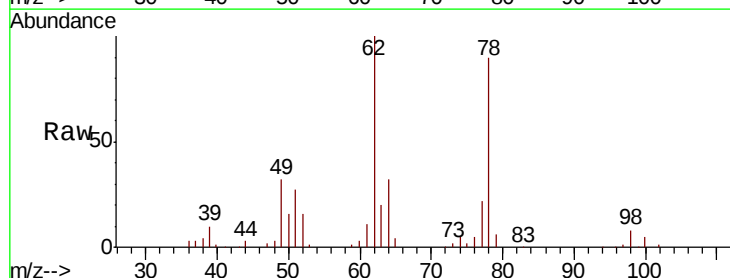
Acq: 03 Oct 2018 11:20

Tgt Ion: 62 Resp: 92428

Ion Ratio Lower Upper

62 100

98 7.8 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU027347.D (-1298) (-)

Ion 98.00 (97.70 to 98.70): VU027347.D (-1298) (-)

5.41

50000

40000

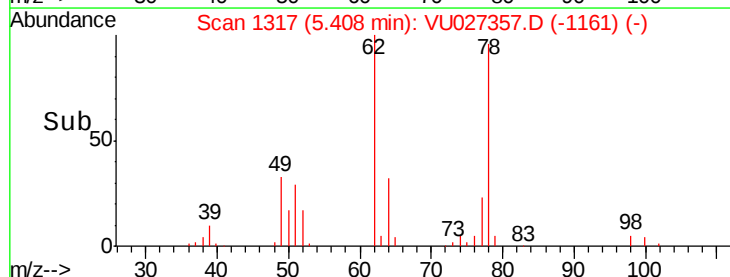
30000

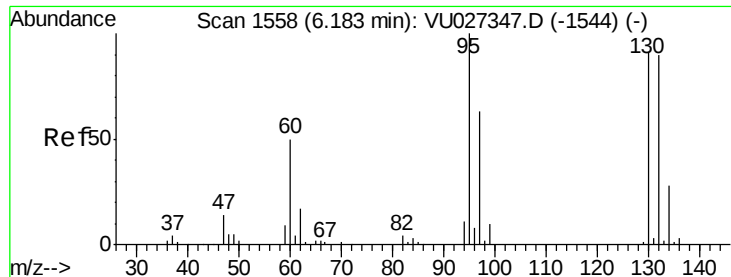
20000

10000

0

Time-->





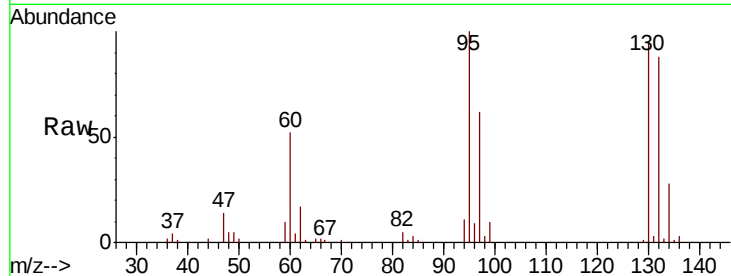
#37
 Trichloroethene
 Concen: 10.236 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

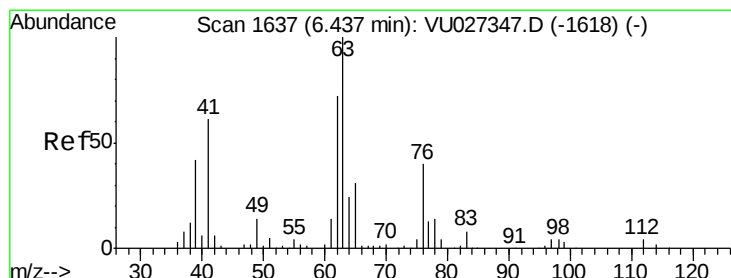
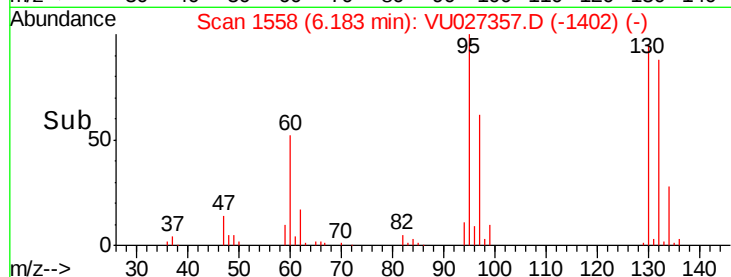
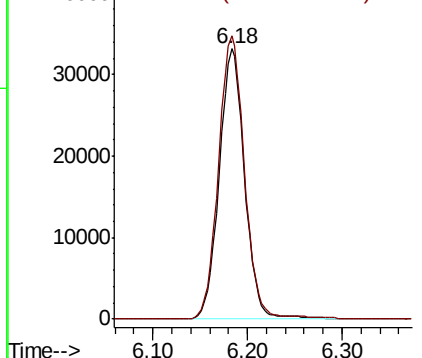
Tot Ion:130 Resp: 62008
 Ion Ratio Lower Upper
 130 100
 95 104.8 87.6 131.4

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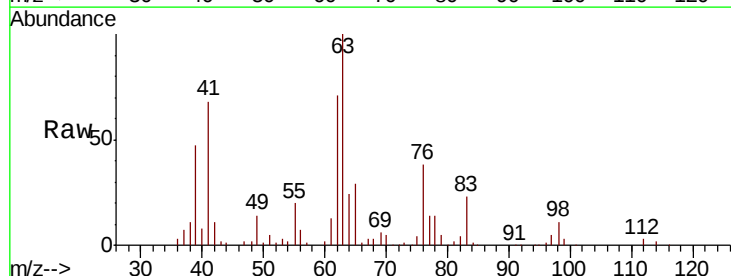


Abundance Ion 129.90 (129.60 to 130.60): VU027347.D (-1544) (-)
 Ion 94.90 (94.60 to 95.60): VU027347.D (-1544) (-)

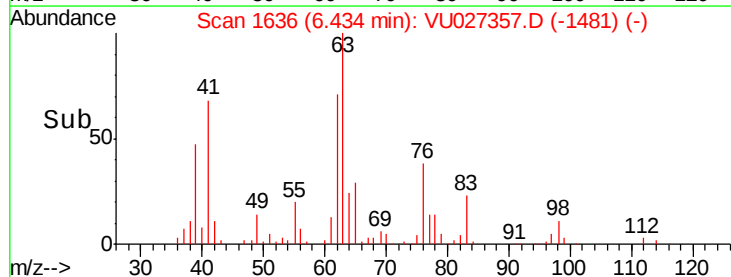
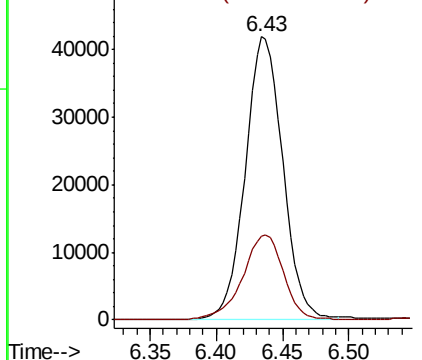


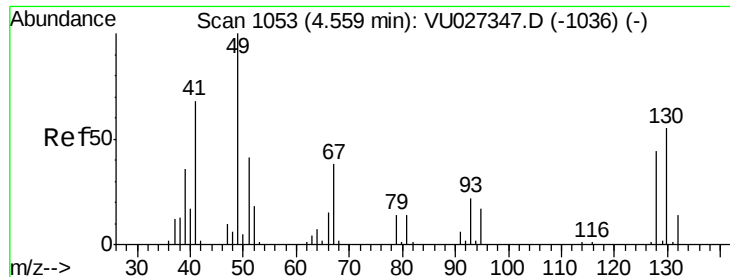
#38
 1,2-Dichloropropane
 Concen: 10.023 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion: 63 Resp: 82684
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.9 37.3



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





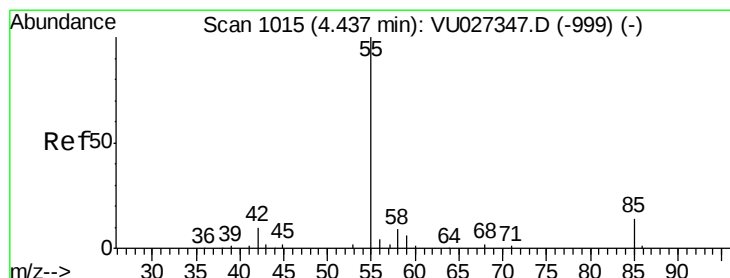
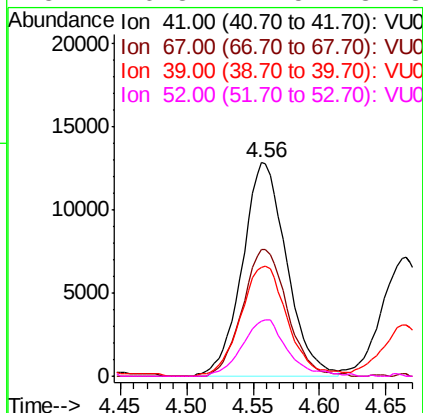
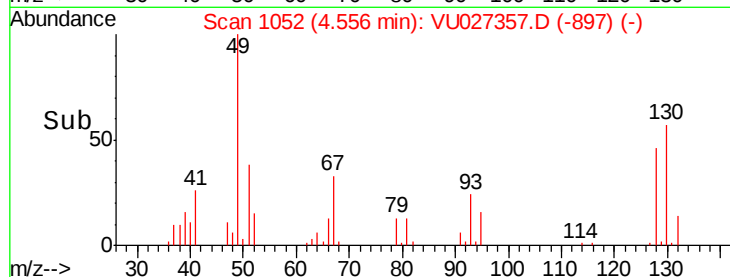
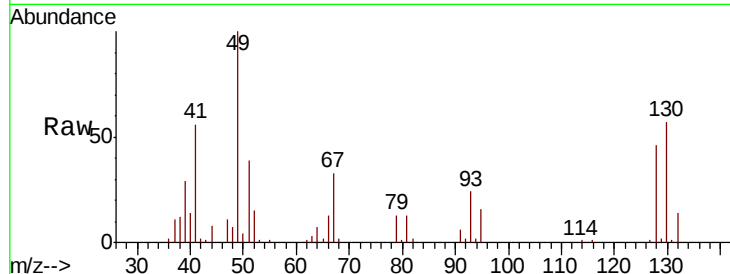
#39
Methacrylonitrile
Concen: 8.399 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	41	Resp	29874
Ion	Ratio	Lower	Upper
41	100		
67	59.9	46.2	69.2
39	54.4	43.8	65.6
52	26.8	21.5	32.3

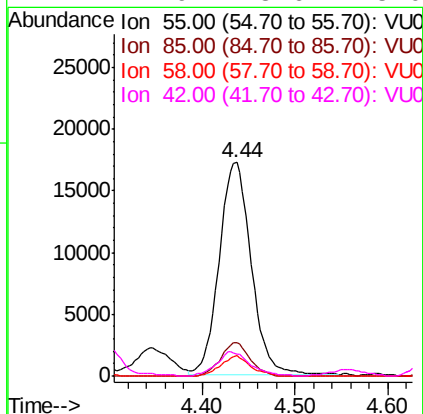
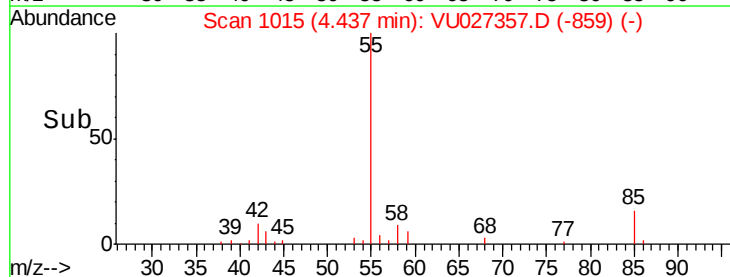
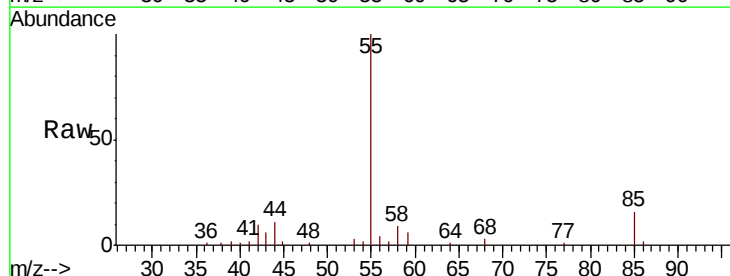
Manual Integrations
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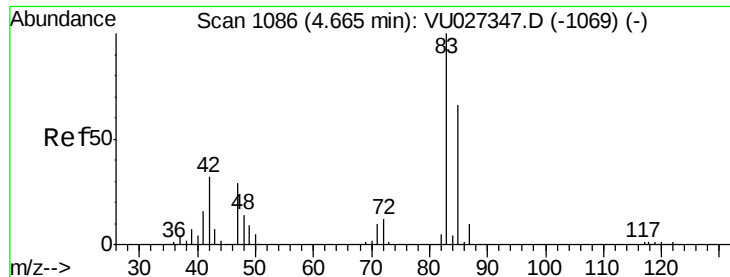
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#40
Methyl acrylate
Concen: 9.086 ug/l
RT: 4.44 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	55	Resp	41147
Ion	Ratio	Lower	Upper
55	100		
85	14.4	11.8	17.8
58	8.7	7.3	10.9
42	11.9	8.6	13.0





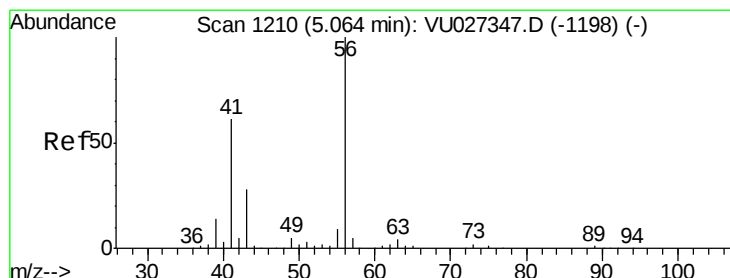
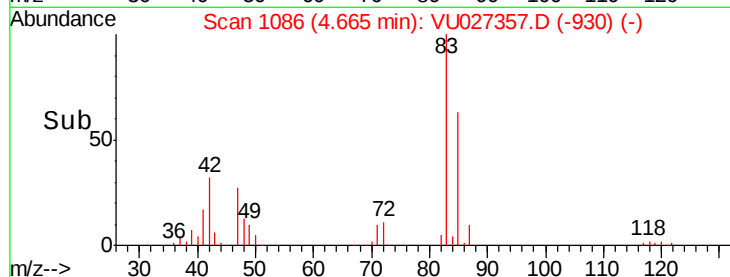
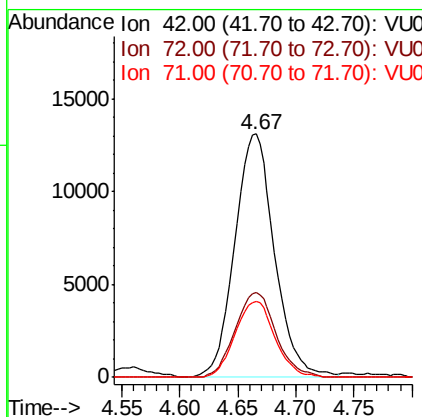
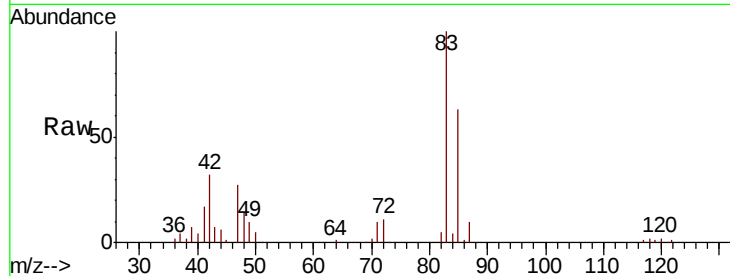
#41
Tetrahydrofuran
Concen: 18.711 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.9	29.2	43.8
71	31.2	25.8	38.8

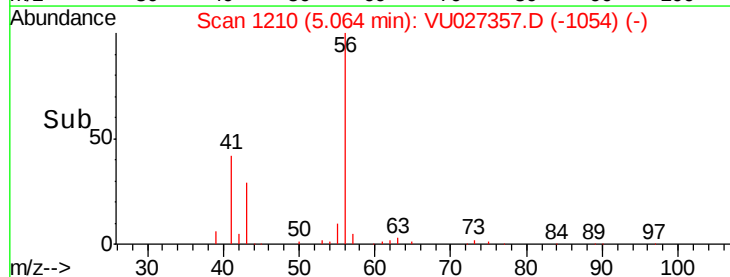
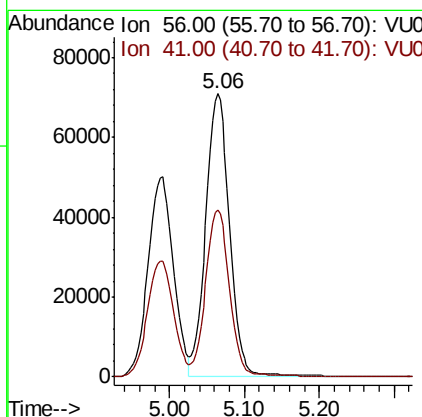
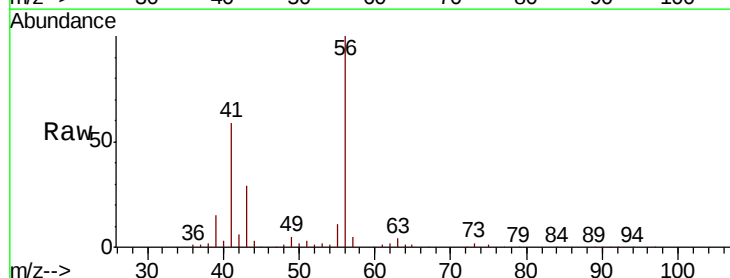
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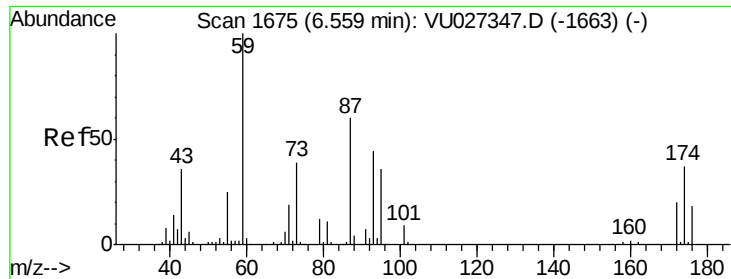
apatel
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#42
1-Chlorobutane
Concen: 10.451 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
56	100		
41	57.6	28.7	86.3





#43

Dibromomethane

Concen: 10.501 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

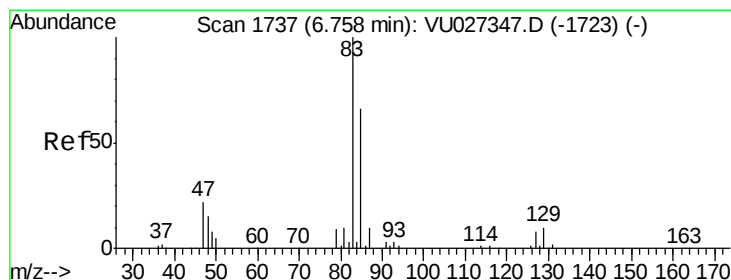
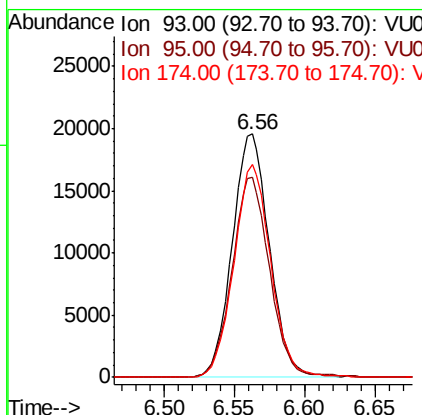
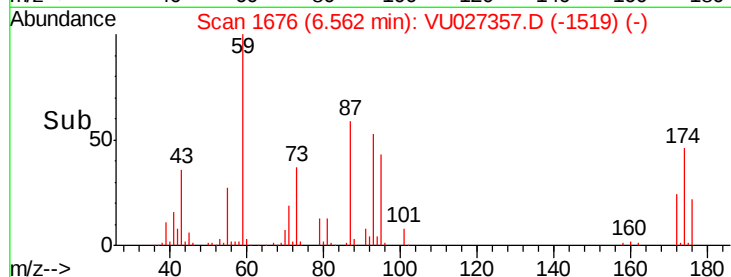
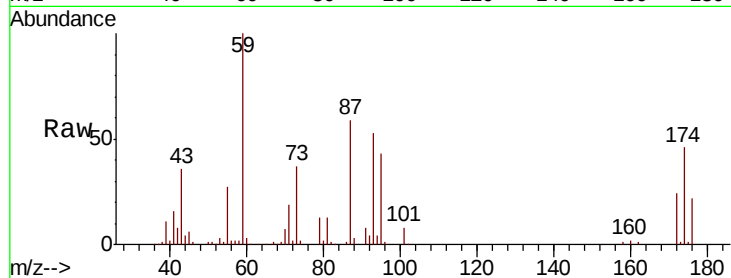
ClientSampleId :

VSTDCCC010

Tot Ion	93	100	95	174
Ion	93	100	95	174
Ratio	100	83.3	87.0	
Lower		64.7	68.2	
Upper		97.1	102.4	

Manual Integrations
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#44

Bromodichloromethane

Concen: 10.254 ug/l

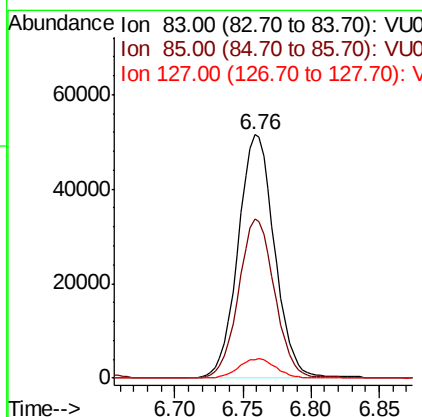
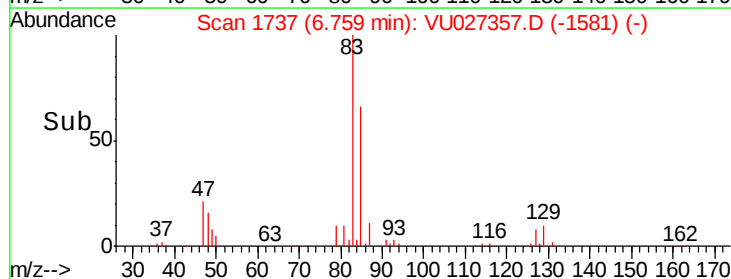
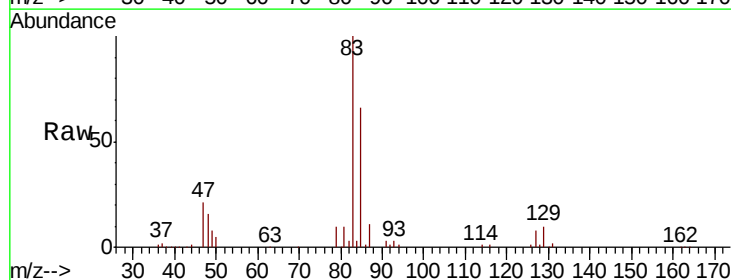
RT: 6.76 min Scan# 1737

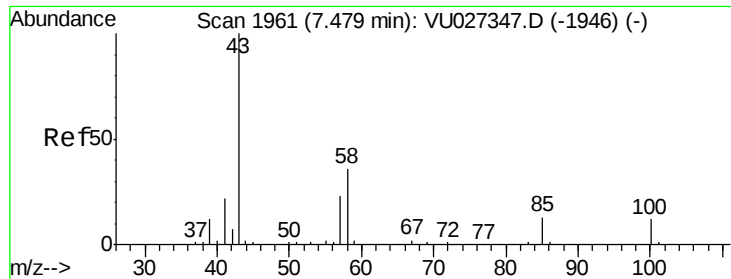
Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Tgt Ion	83	85	127
Ion	83	85	127
Ratio	100	65.5	7.8
Lower		52.6	6.2
Upper		79.0	9.2





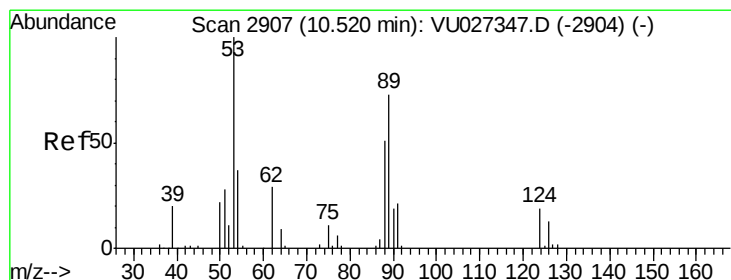
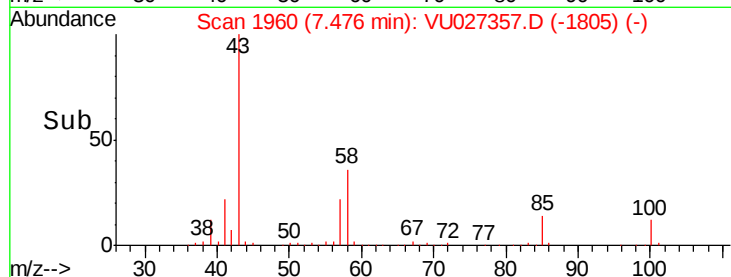
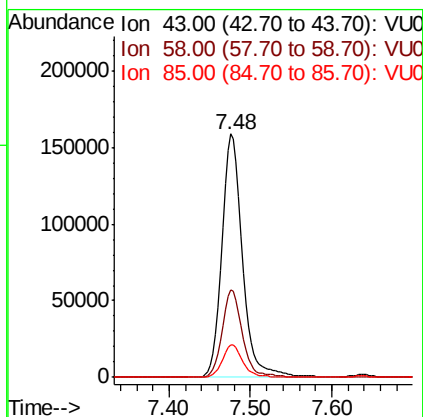
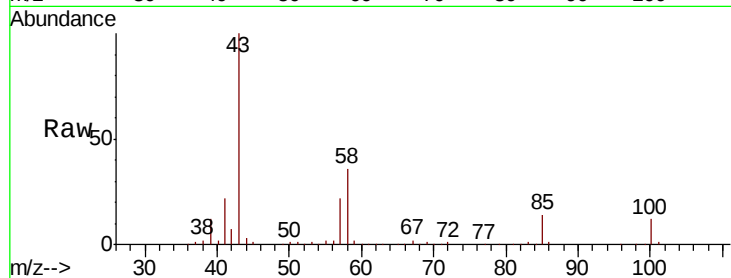
#45
4-Methyl-2-Pentanone
Concen: 53.977 ug/l
RT: 7.48 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.5	17.9	53.8
85	13.3	10.6	16.0

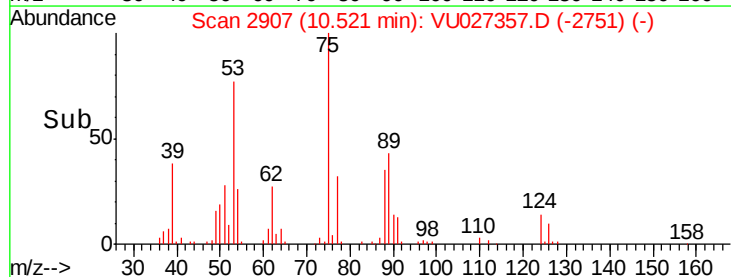
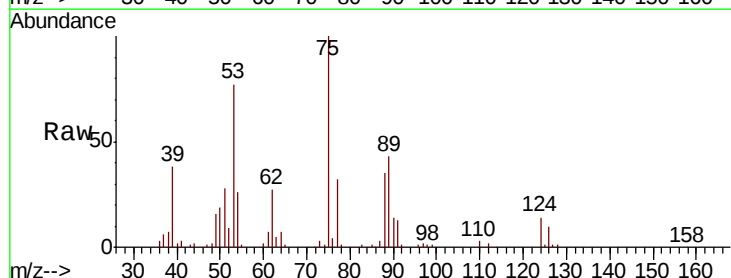
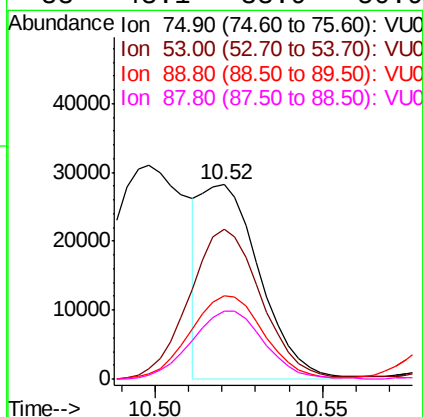
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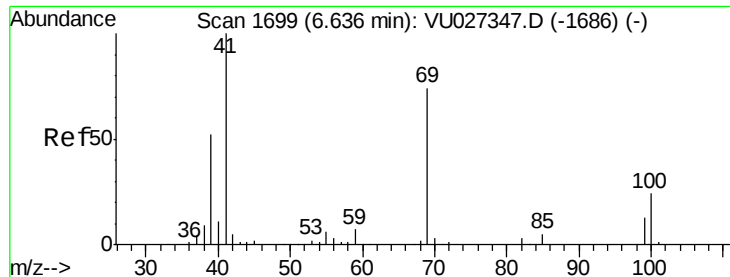
apatel
10/5/2018 11:57:03 AM



#46
t-1,4-Dichloro-2-butene
Concen: 22.639 ug/l m
RT: 10.52 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.6	75.7	113.5
89	53.9	42.6	64.0
88	43.1	33.9	50.9





#47

Methyl methacrylate

Concen: 20.521 ug/l

RT: 6.64 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

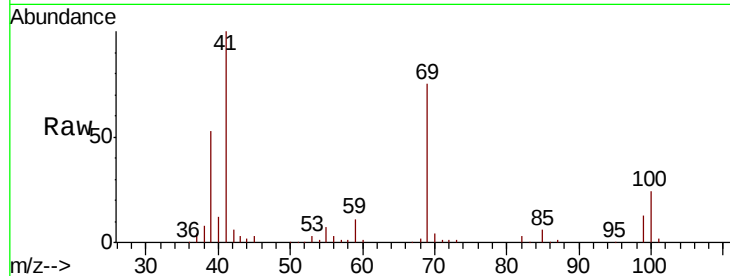
ClientSampleId :

VSTDCCC010

Tot Ion:	69	Resp:	70914
Ion	Ratio	Lower	Upper
69	100		
41	136.5	0.0	272.2
39	72.0	56.4	84.6
100	32.7	26.5	39.7

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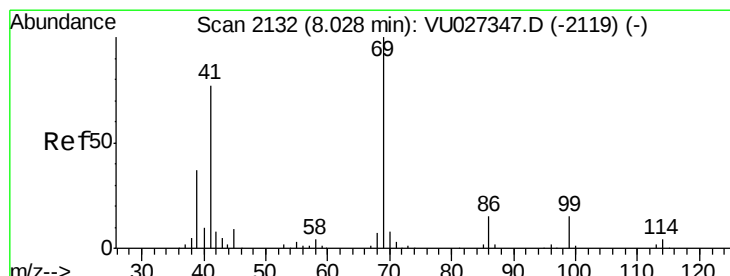
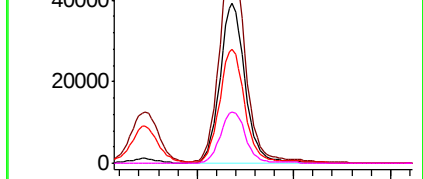
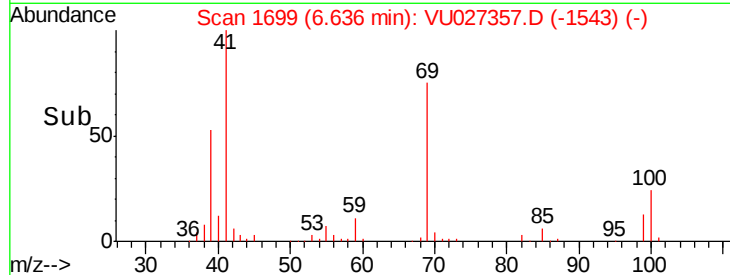
Abundance Ion 69.00 (68.70 to 69.70): VU027347.D (-1686) (-)

Ion 41.00 (40.70 to 41.70): VU027347.D (-1686) (-)

Ion 39.00 (38.70 to 39.70): VU027347.D (-1686) (-)

Ion 100.00 (99.70 to 100.70): VU027347.D (-1686) (-)

Time-->



#48

Ethyl methacrylate

Concen: 10.837 ug/l

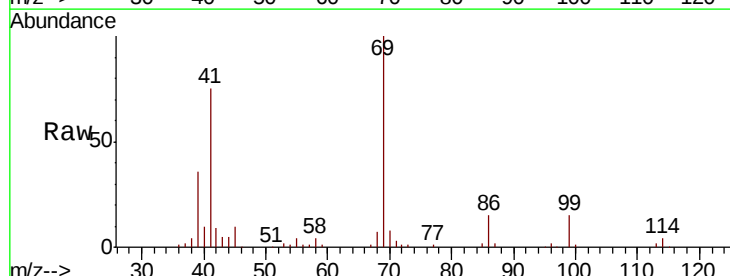
RT: 8.03 min Scan# 2132

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

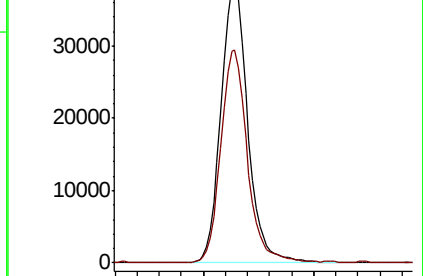
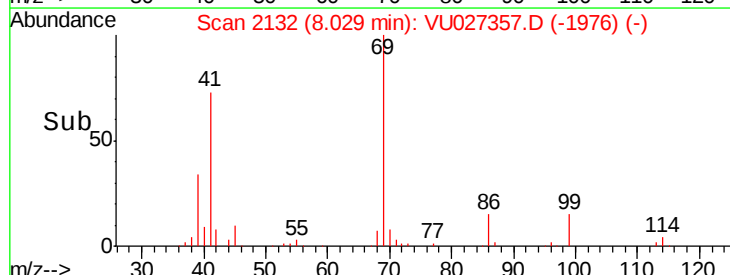
Tgt Ion:	69	Resp:	65235
Ion	Ratio	Lower	Upper
69	100		
41	75.7	38.9	116.7

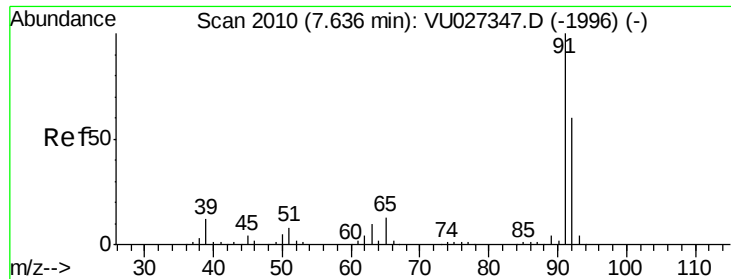


Abundance Ion 69.00 (68.70 to 69.70): VU027347.D (-2119) (-)

Ion 41.00 (40.70 to 41.70): VU027347.D (-2119) (-)

Time-->





#49

Toluene

Concen: 10.426 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 155564

Ion Ratio Lower Upper

92 100

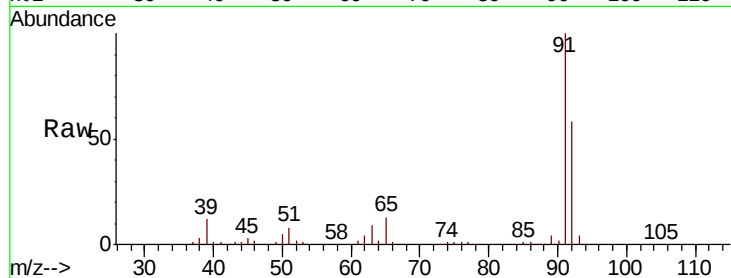
91 173.9 136.4 204.6

Manual Integrations

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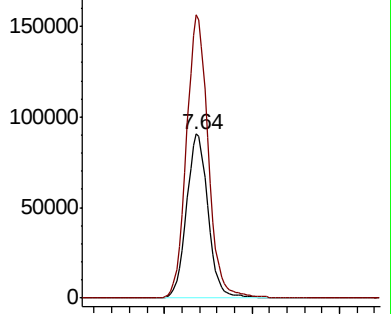
apatel

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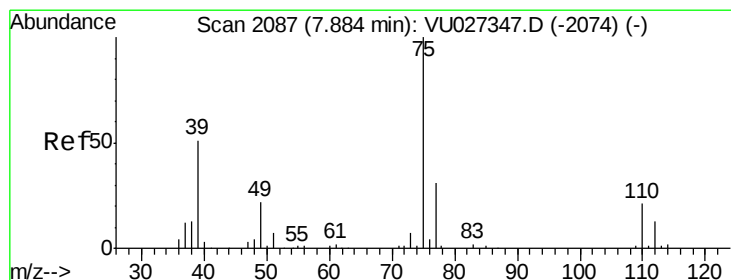
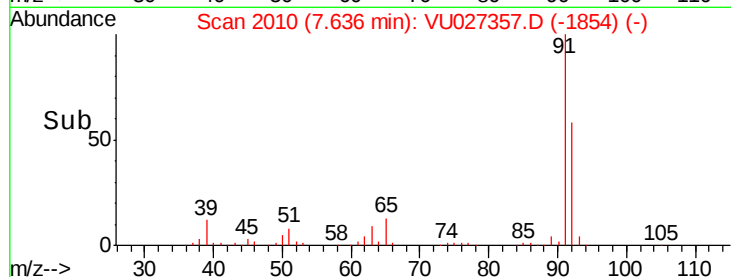


Abundance Ion 92.00 (91.70 to 92.70): VU027347.D (-1996) (-)

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



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.383 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027357.D

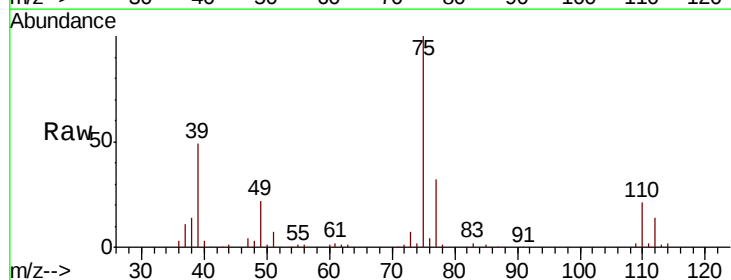
Acq: 03 Oct 2018 11:20

Tgt Ion: 75 Resp: 85889

Ion Ratio Lower Upper

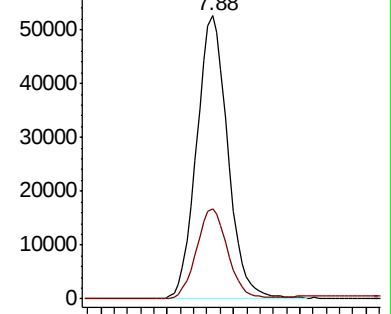
75 100

77 31.9 24.6 36.8

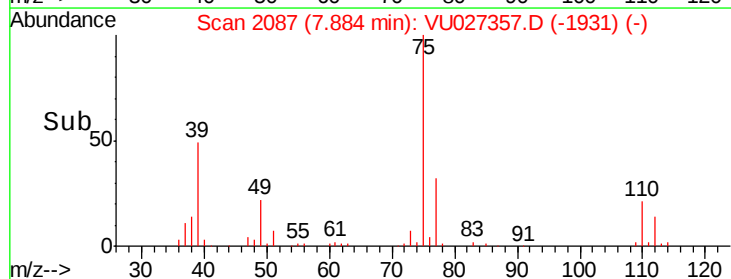


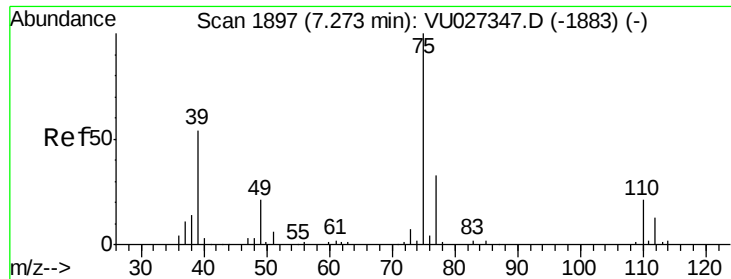
Abundance Ion 75.00 (74.70 to 75.70): VU027347.D (-2074) (-)

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



Time-->





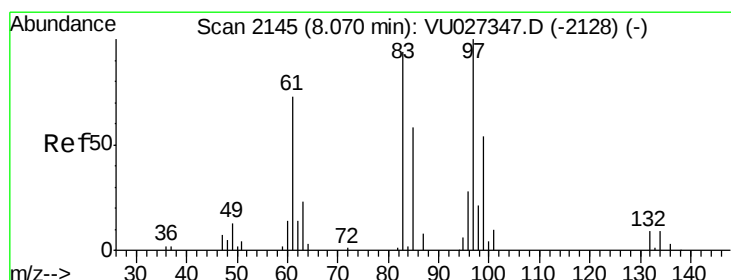
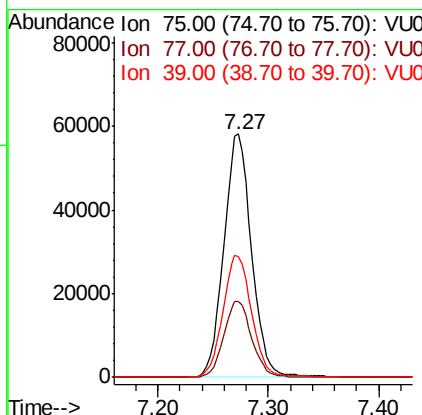
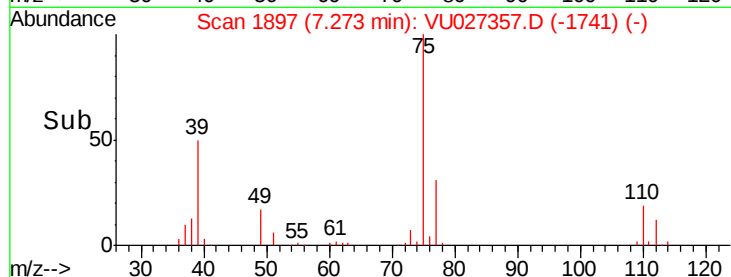
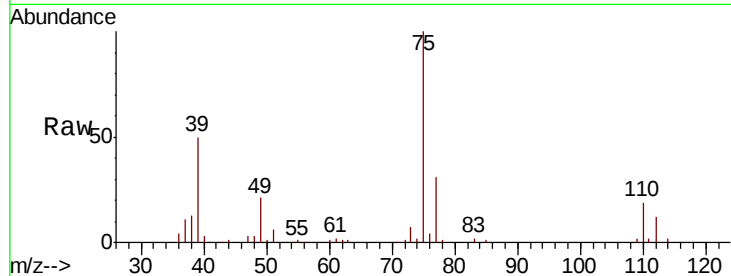
#51
 cis-1,3-Dichloropropene
 Concen: 10.181 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	75	Resp	100898
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.1	39.1
39	49.8	43.1	64.7

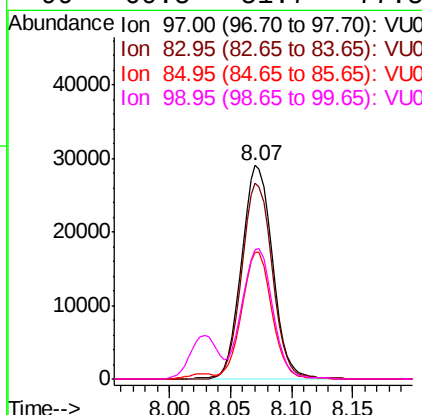
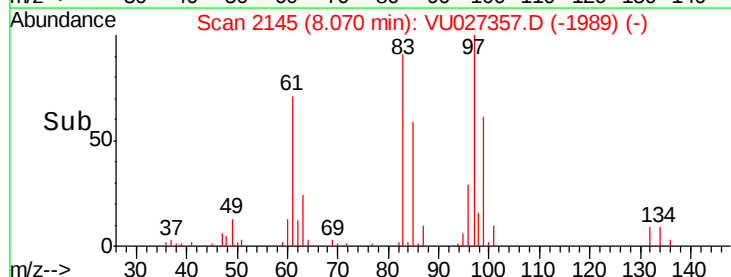
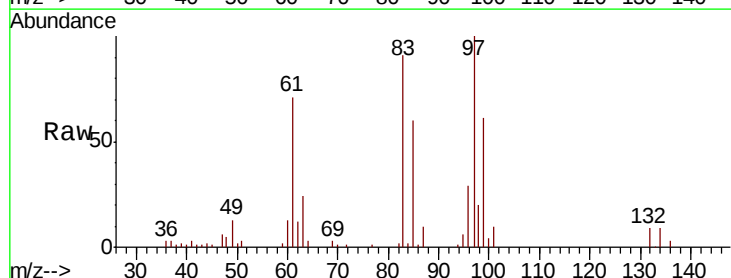
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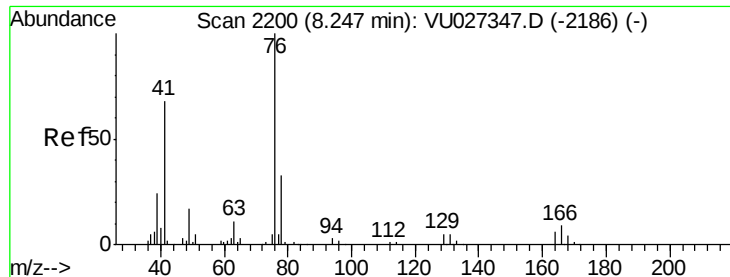
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#52
 1,1,2-Trichloroethane
 Concen: 10.523 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	97	Resp	50835
Ion	Ratio	Lower	Upper
97	100		
83	91.5	75.3	112.9
85	59.6	47.3	70.9
99	60.5	51.7	77.5





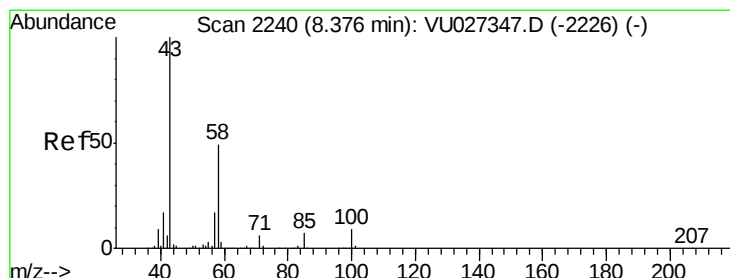
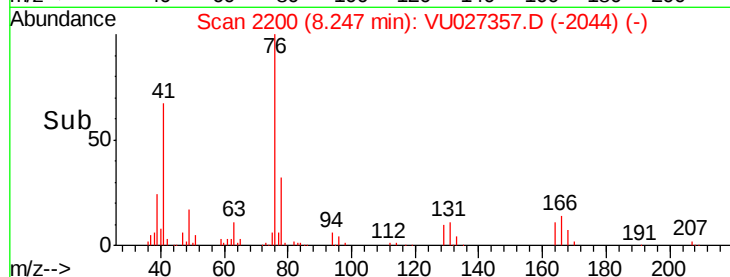
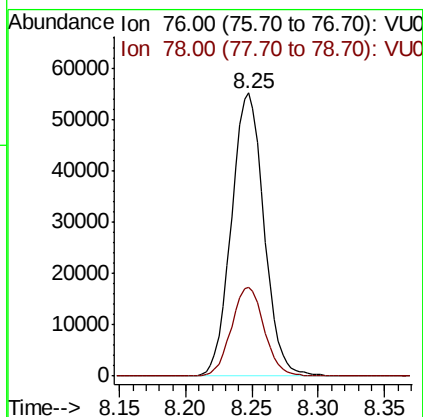
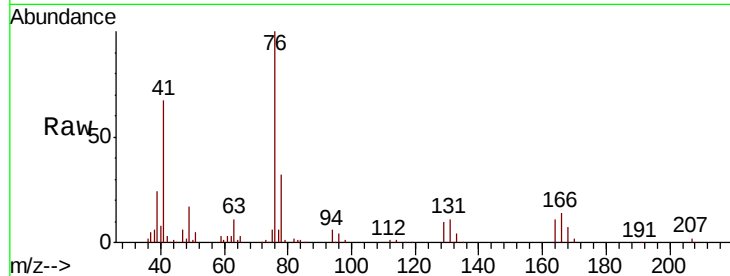
#53
 1,3-Dichloropropane
 Concen: 10.310 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.7	38.5

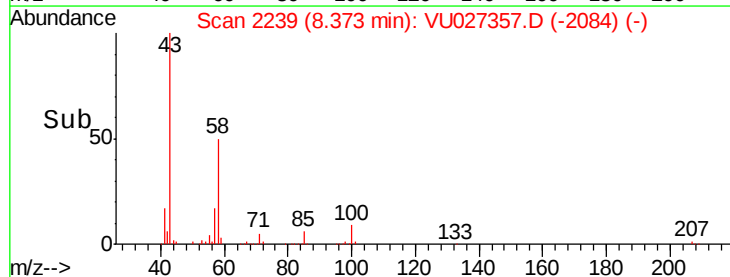
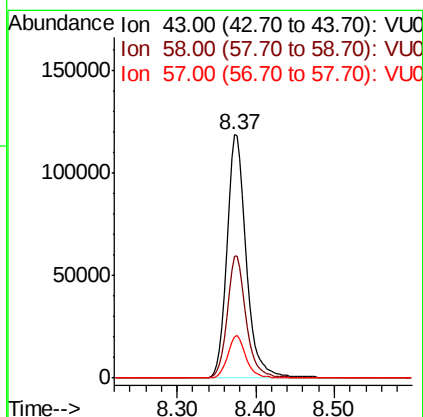
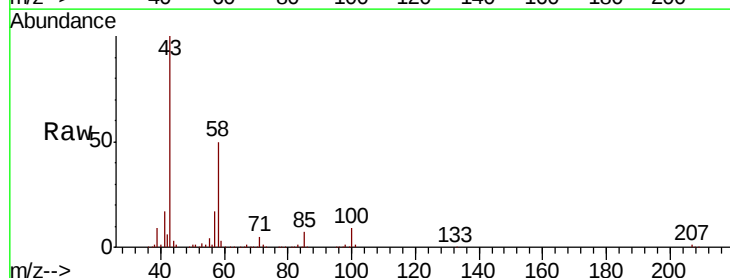
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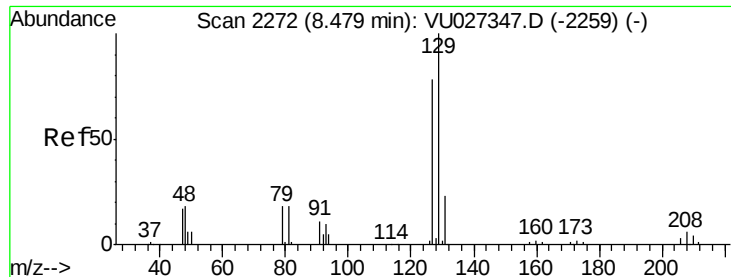
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#54
 2-Hexanone
 Concen: 55.042 ug/l
 RT: 8.37 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.8	29.5	69.5
57	16.6	0.0	37.0





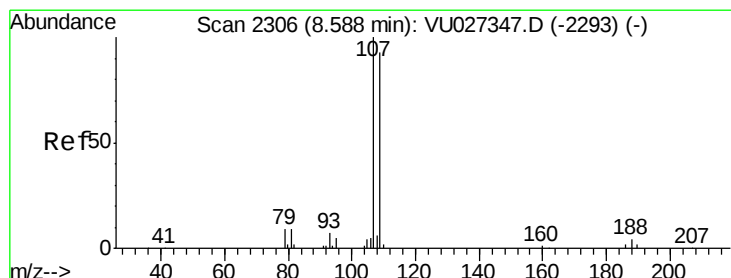
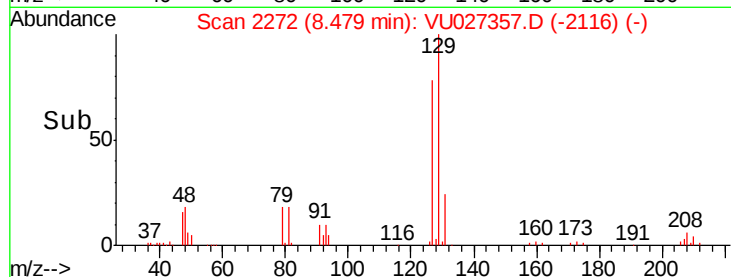
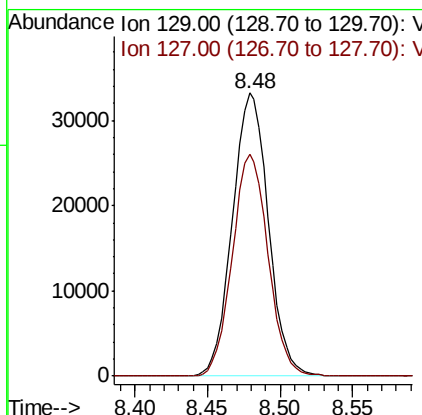
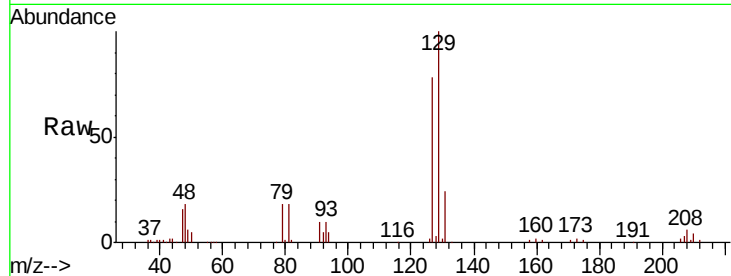
#55
 Dibromochloromethane
 Concen: 10.715 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		57156		
127	77.8		61.8	92.8	

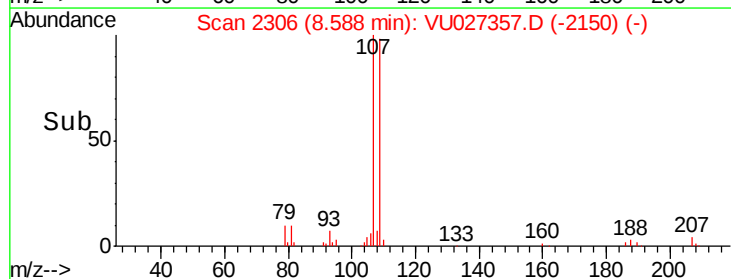
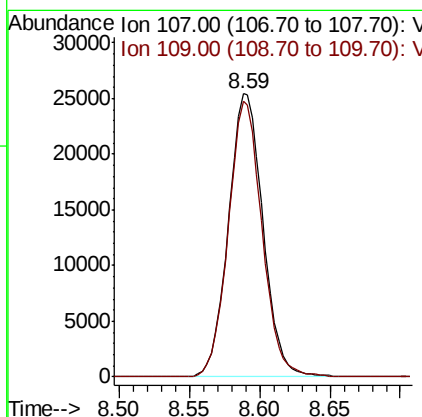
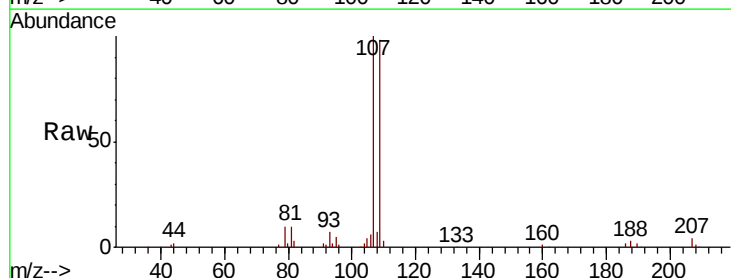
Manual Integrations
 APPROVED

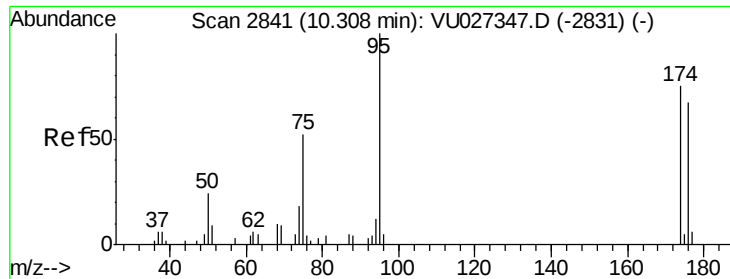
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#56
 1,2-Dibromoethane
 Concen: 10.190 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		43516		
109	95.1		0.0	191.2	





#57

4-Bromofluorobenzene

Concen: 10.190 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

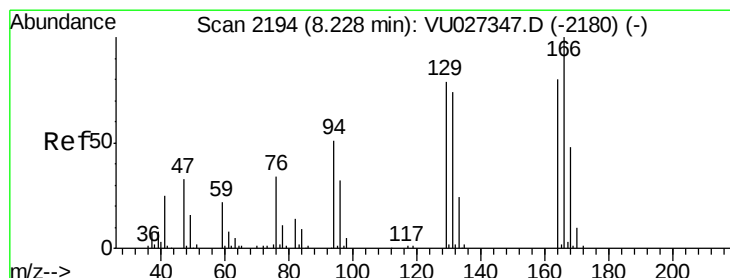
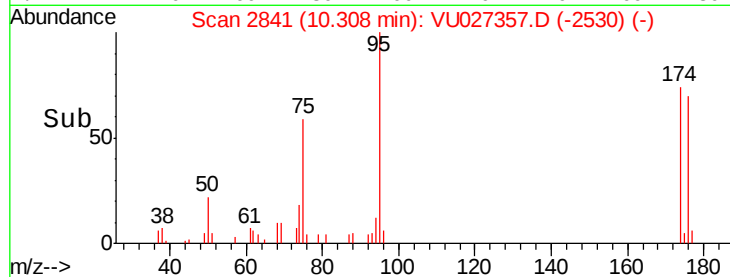
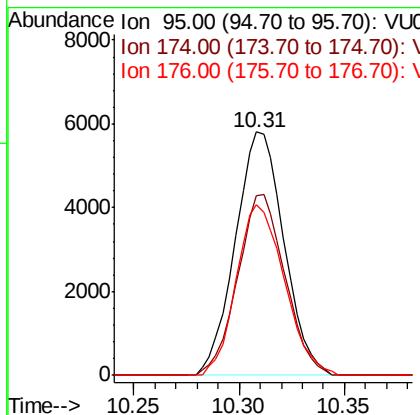
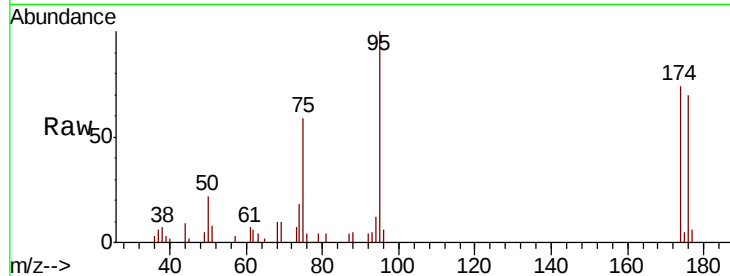
ClientSampleId :

VSTDCCC010

Tot Ion:	95	Resp:	9305
Ion Ratio	Lower	Upper	
95	100		
174	72.2	61.0	91.6
176	69.4	57.2	85.8

Manual Integrations
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#58

Tetrachloroethene

Concen: 9.869 ug/l

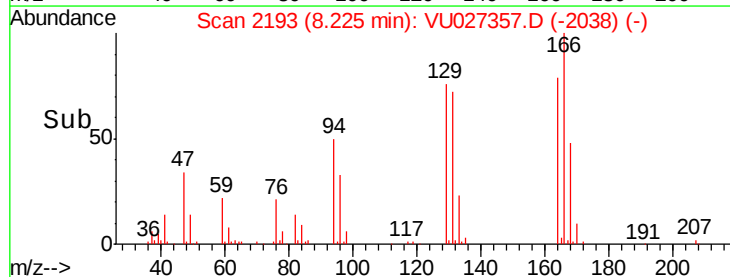
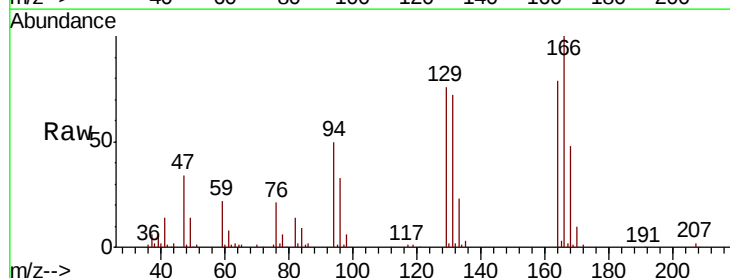
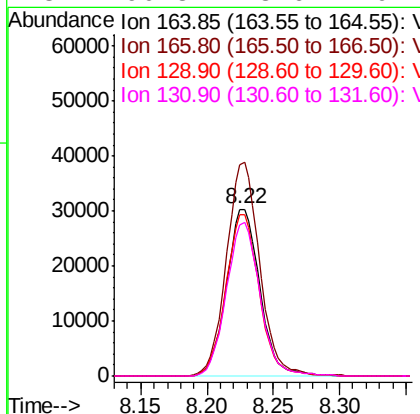
RT: 8.22 min Scan# 2193

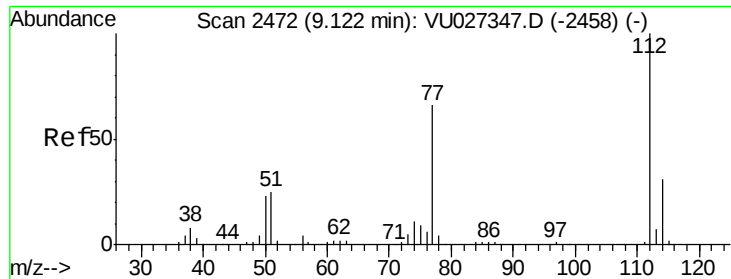
Delta R.T. -0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Tgt Ion:	164	Resp:	52999
Ion Ratio	Lower	Upper	
164	100		
166	126.8	99.9	149.9
129	96.5	78.6	117.8
131	90.8	73.6	110.4





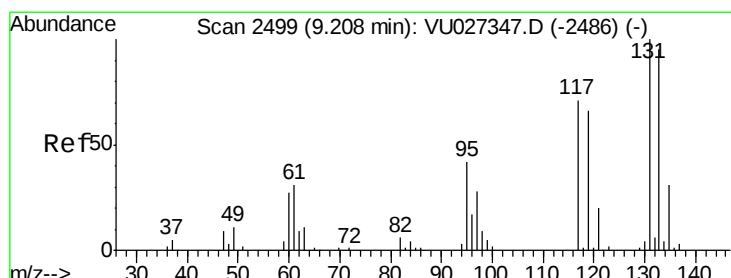
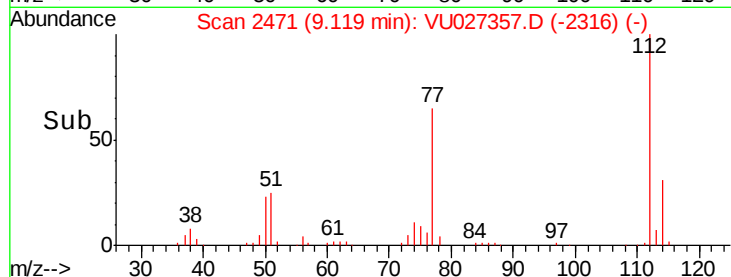
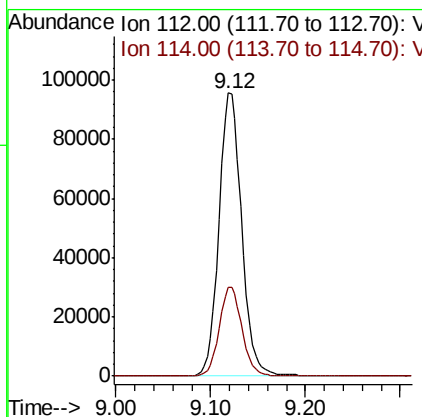
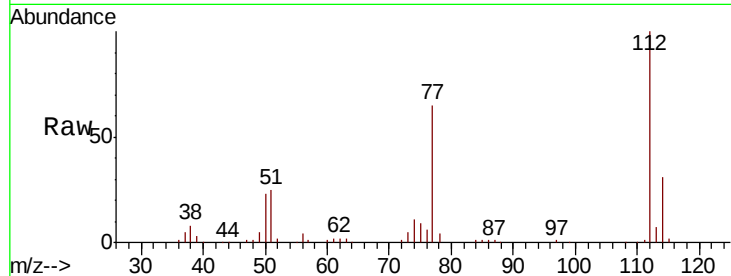
#59
Chlorobenzene
Concen: 10.231 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tot Ion:112 Resp: 159200
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

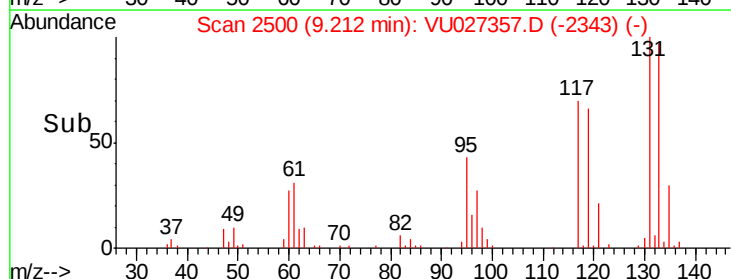
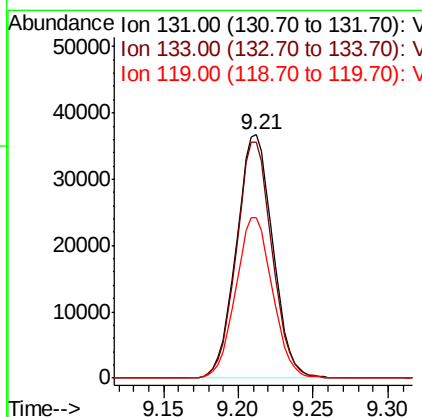
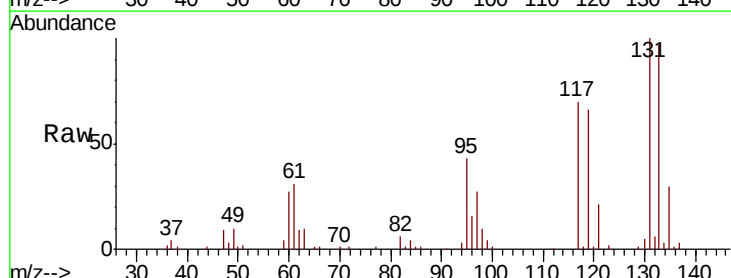
Manual Integrations
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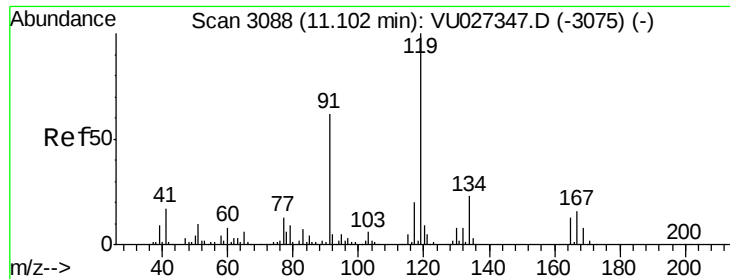
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.383 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion:131 Resp: 62108
Ion Ratio Lower Upper
131 100
133 95.3 77.1 115.7
119 66.6 53.6 80.4





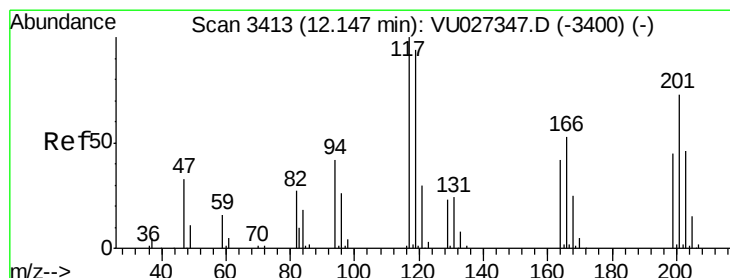
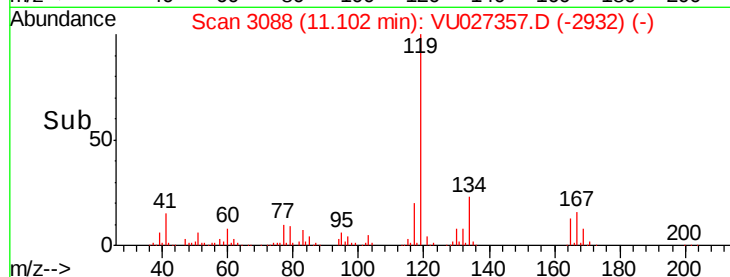
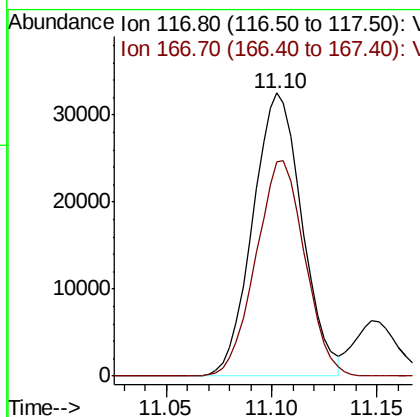
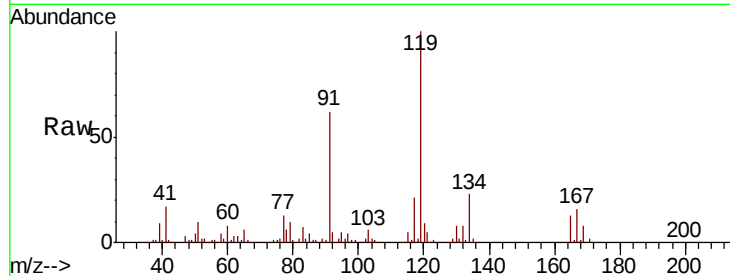
#61
 Pentachloroethane
 Concen: 10.704 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:117 Resp: 52926
 Ion Ratio Lower Upper
 117 100
 167 75.6 62.6 93.8

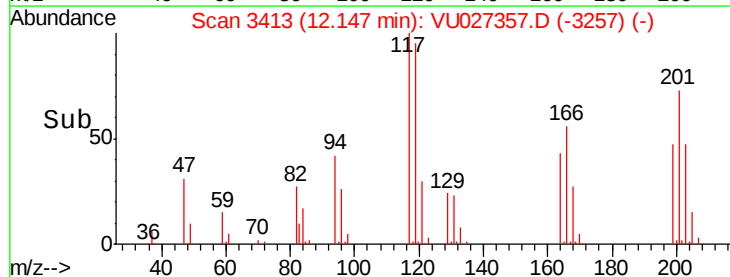
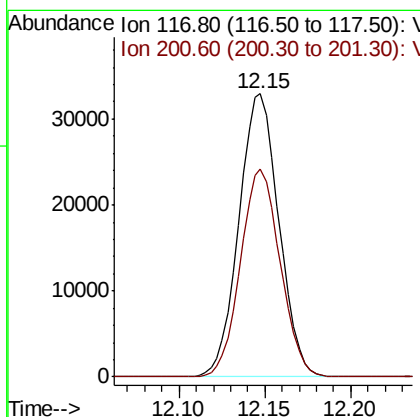
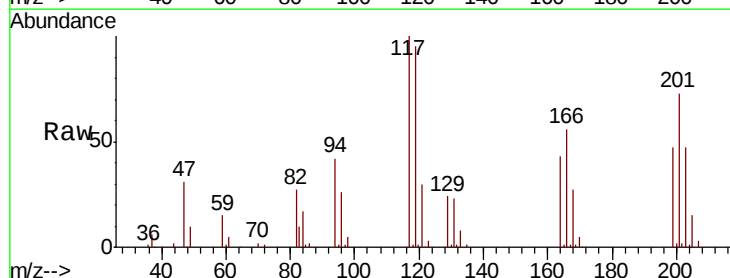
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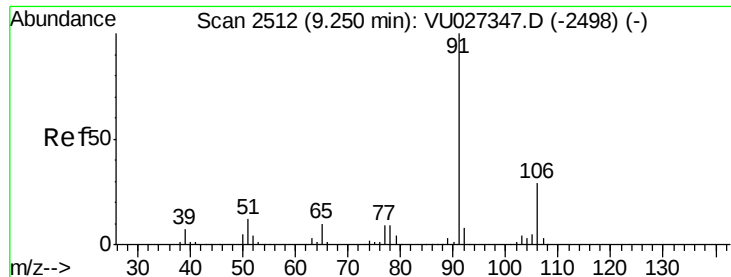
apatel
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#62
 Hexachloroethane
 Concen: 11.264 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion:117 Resp: 53116
 Ion Ratio Lower Upper
 117 100
 201 72.9 59.3 88.9





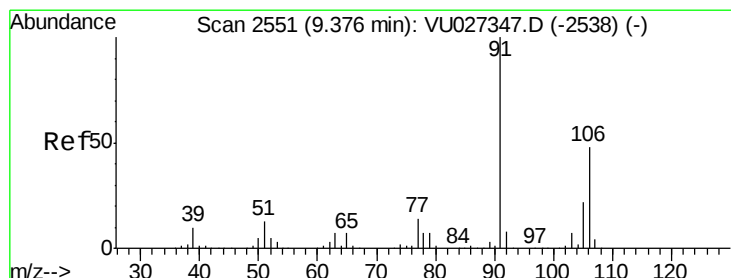
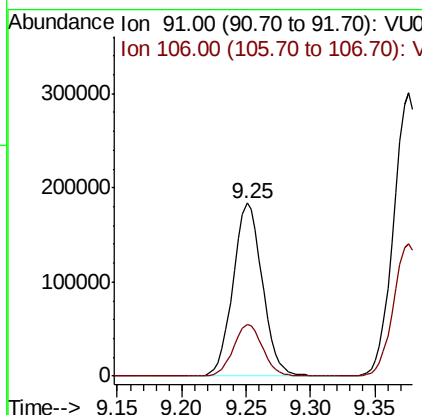
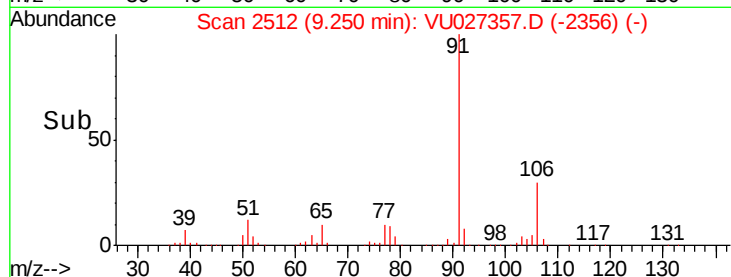
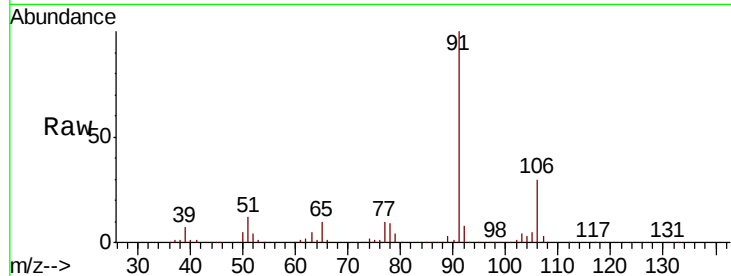
#63
Ethyl Benzene
Concen: 10.886 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 290799
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4

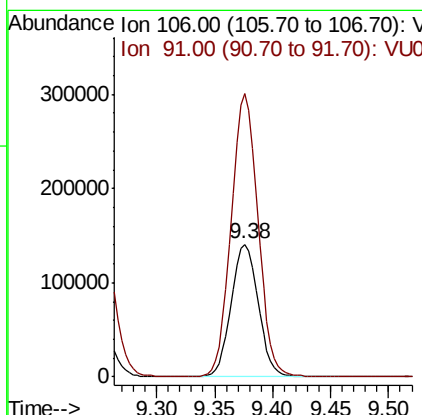
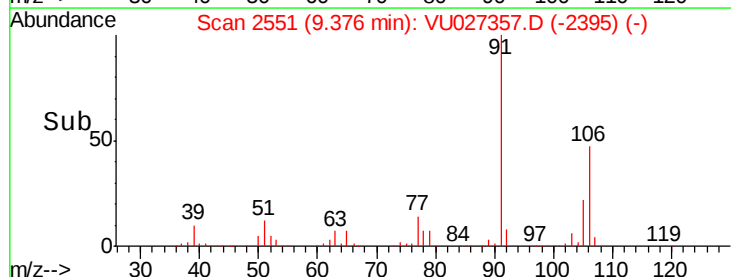
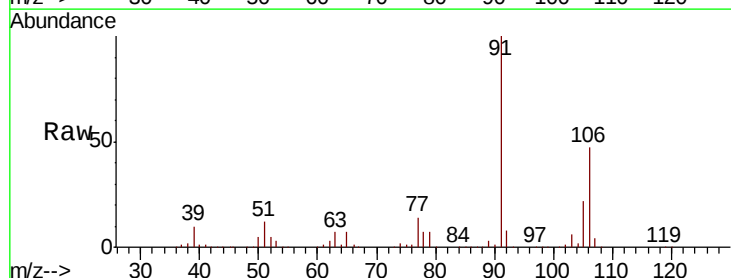
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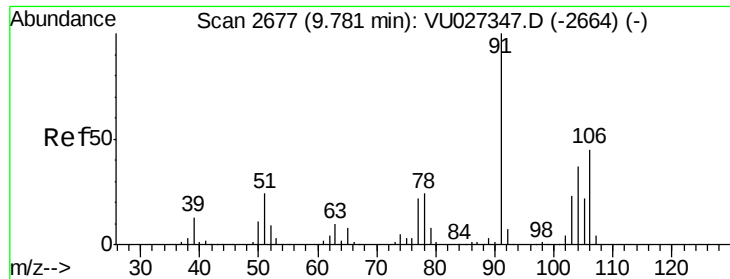
apatel
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#64
m/p-Xylenes
Concen: 22.648 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion: 106 Resp: 226801
Ion Ratio Lower Upper
106 100
91 210.9 169.8 254.8





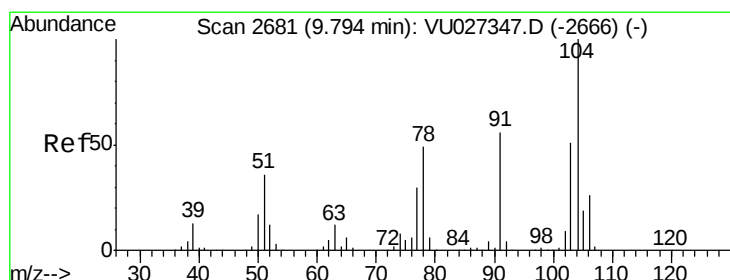
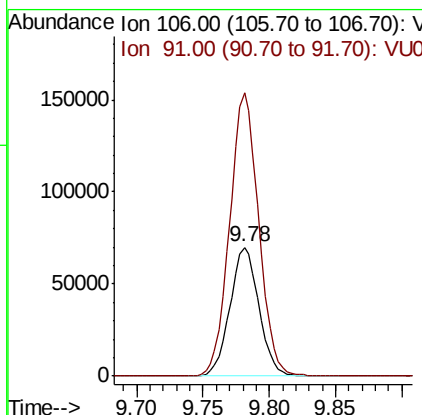
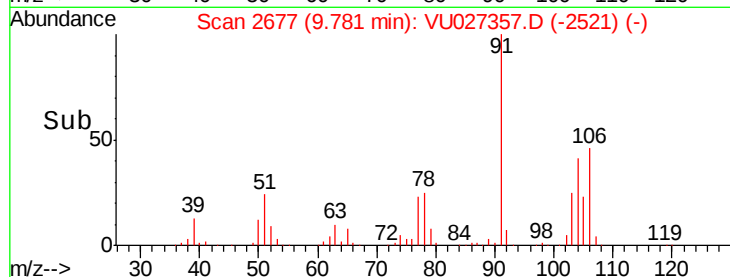
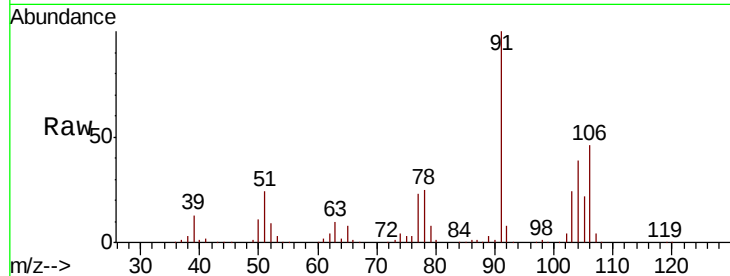
#65
o-Xylene
Concen: 11.150 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:106 Resp: 105992
Ion Ratio Lower Upper
106 100
91 220.5 111.1 333.2

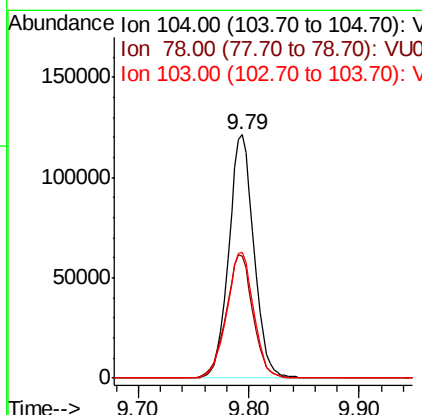
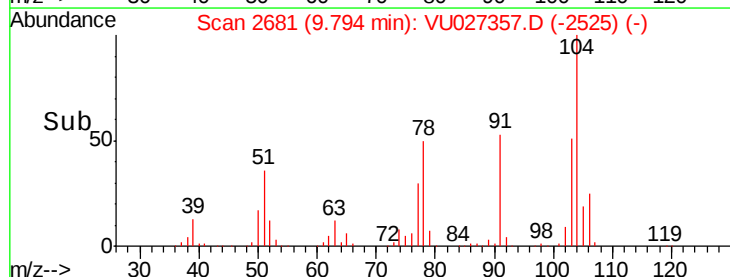
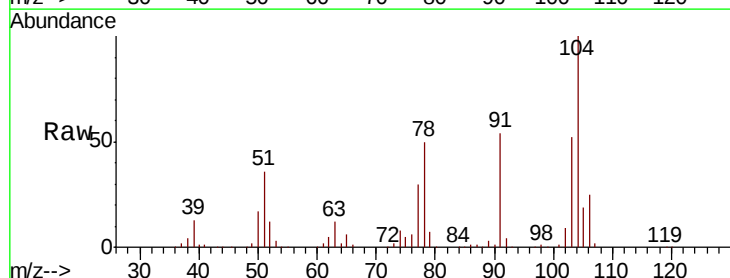
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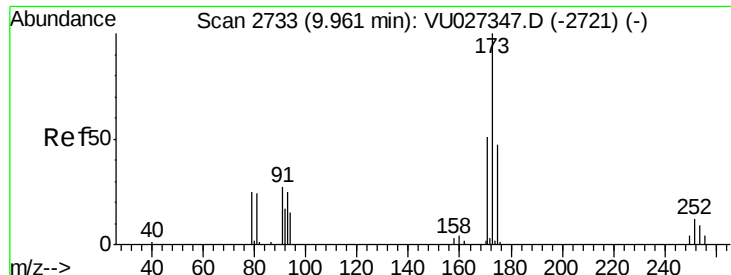
apatel
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#66
Styrene
Concen: 11.479 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion:104 Resp: 191525
Ion Ratio Lower Upper
104 100
78 54.3 43.1 64.7
103 55.1 43.8 65.8





#67

Bromoform

Concen: 10.822 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

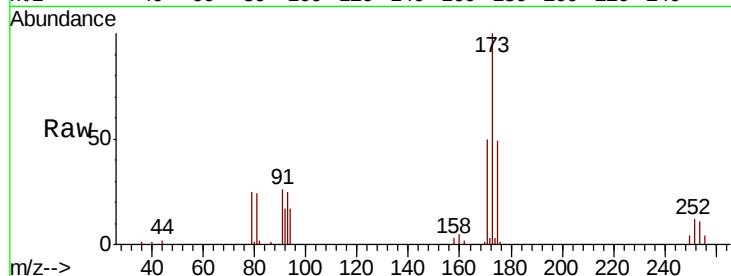
ClientSampleId :

VSTDCCC010

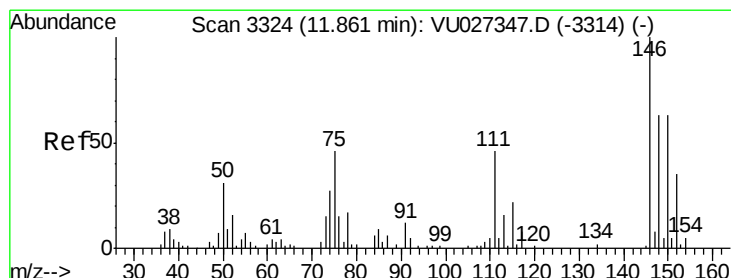
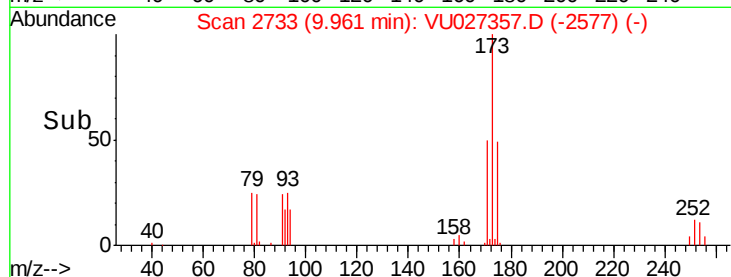
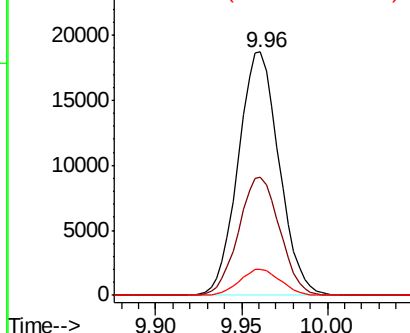
Tot Ion:	173	Resp:	30875
Ion Ratio	Lower	Upper	
173	100		
175	48.8	38.2	57.4
254	10.7	7.7	11.5

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



#68

1,2-Dichlorobenzene-d4

Concen: 10.822 ug/l

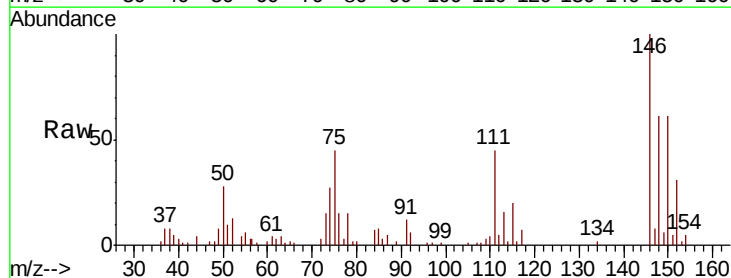
RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

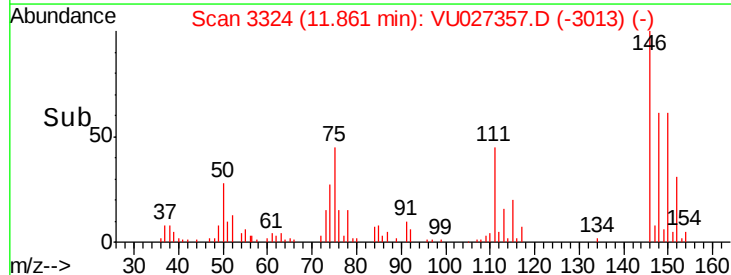
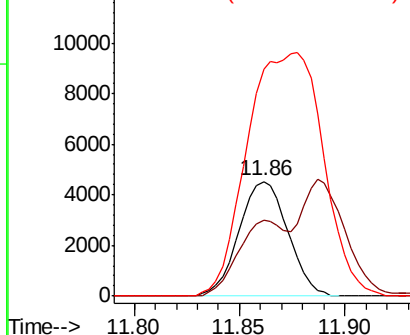
Lab File: VU027357.D

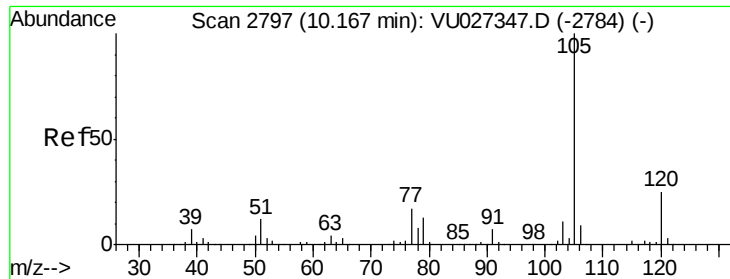
Acq: 03 Oct 2018 11:20

Tgt Ion:	152	Resp:	7313
Ion Ratio	Lower	Upper	
152	100		
115	66.1	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: 11.164 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 105 Resp: 279856

Ion Ratio Lower Upper

105 100

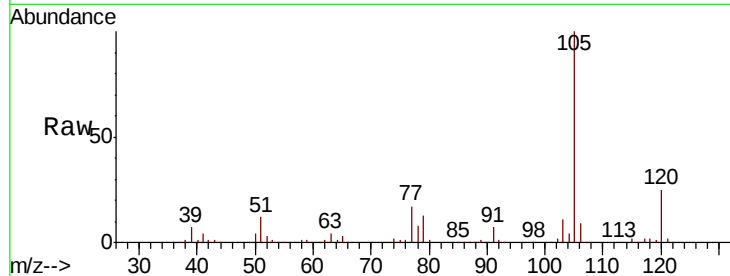
120 25.3 12.7 38.1

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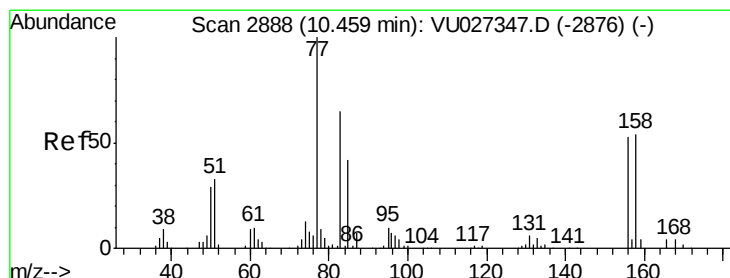
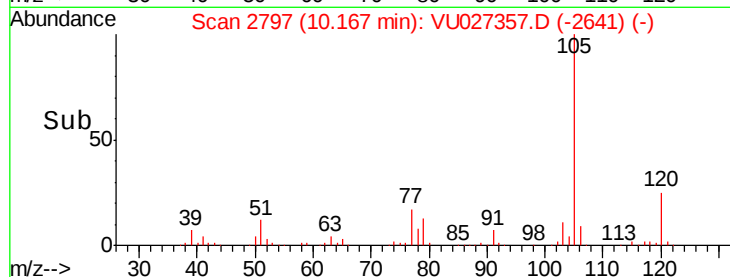
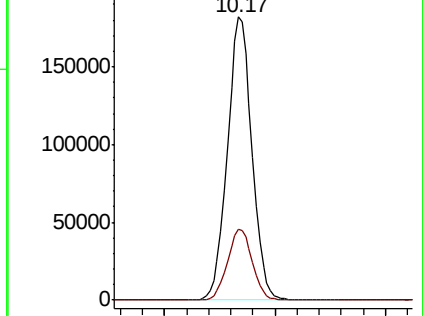
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.302 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

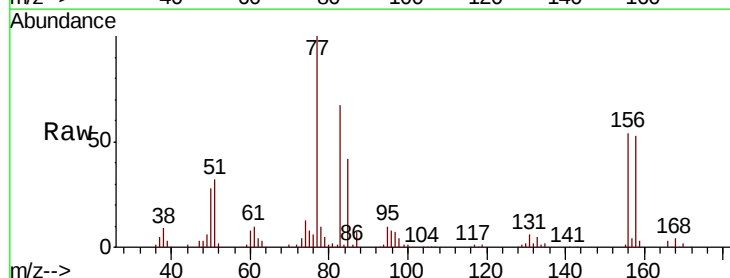
Tgt Ion: 83 Resp: 67227

Ion Ratio Lower Upper

83 100

131 8.8 7.0 10.6

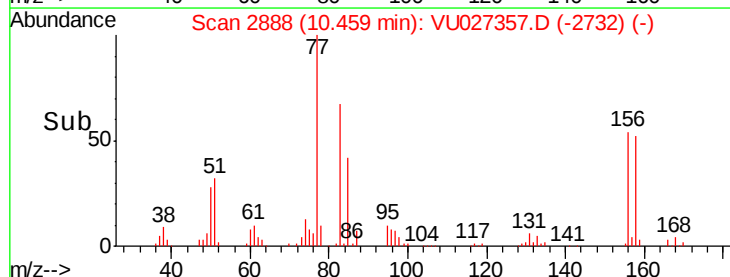
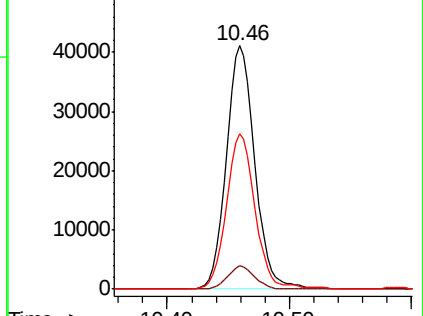
85 64.3 51.4 77.0

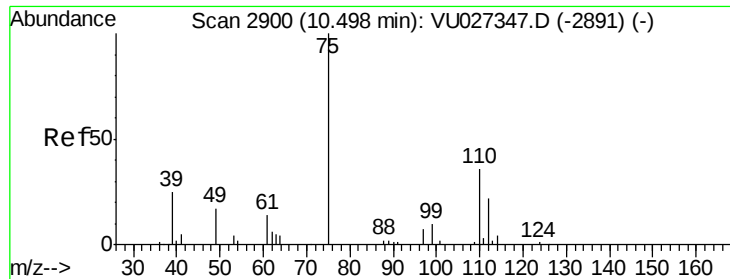


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





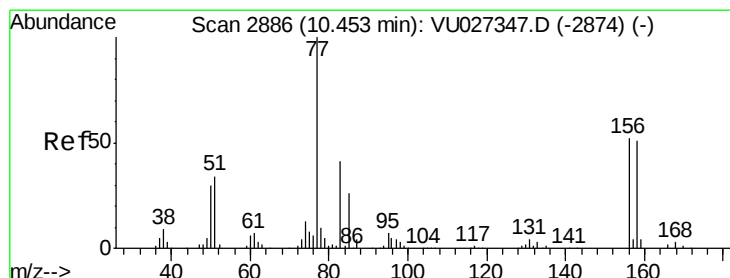
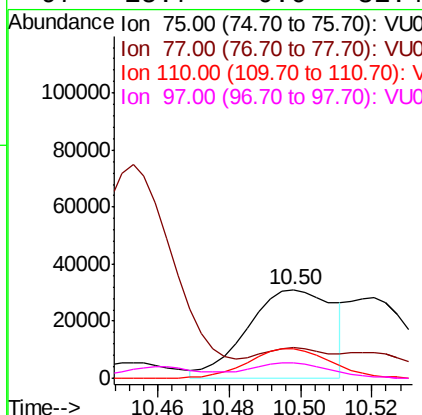
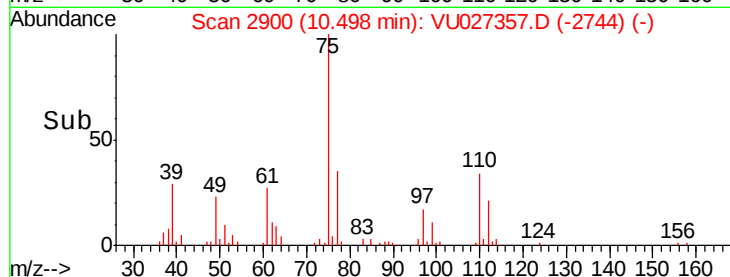
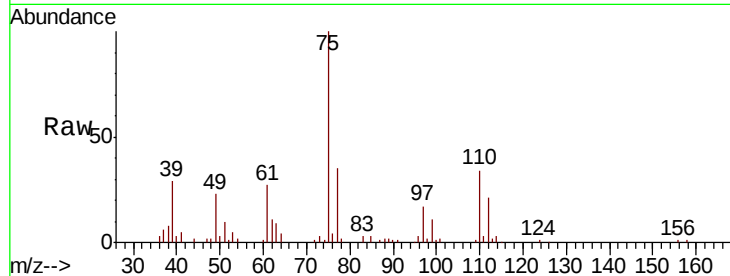
#71
1,2,3-Trichloropropane
Concen: 10.305 ug/l m
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	8.0	0.0	16.6
110	31.9	0.0	65.4
97	15.7	0.0	31.4

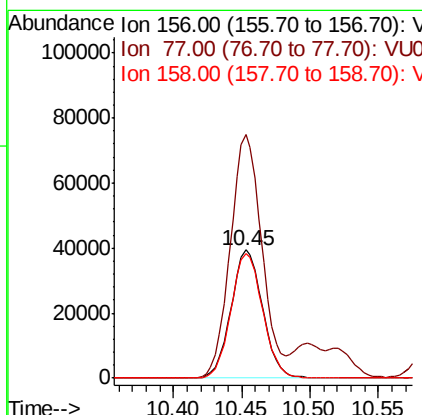
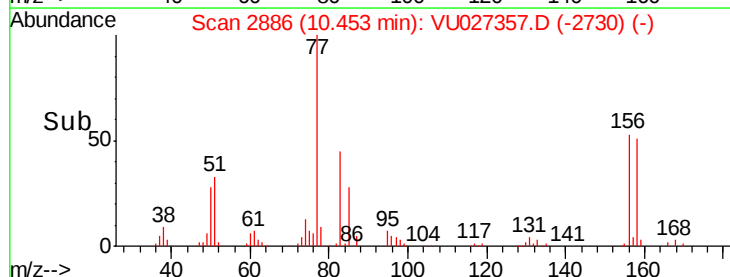
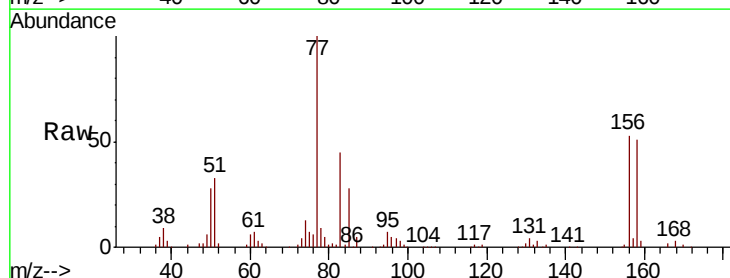
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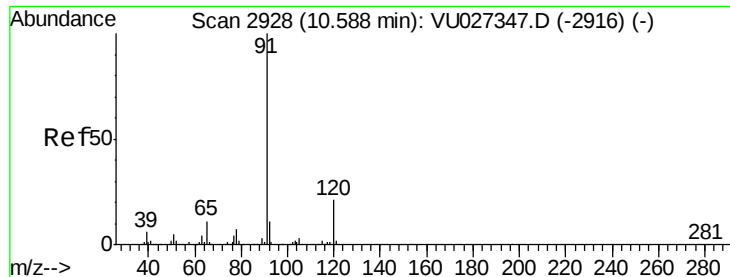
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#72
Bromobenzene
Concen: 10.478 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
156	100		
77	189.7	0.0	387.6
158	97.9	0.0	196.2





#73

n-propylbenzene

Concen: 11.546 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 77938

Ion Ratio Lower Upper

120 100

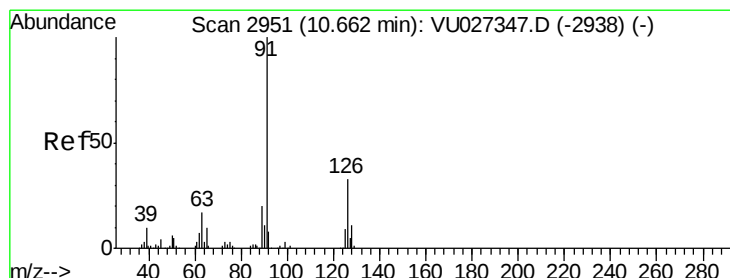
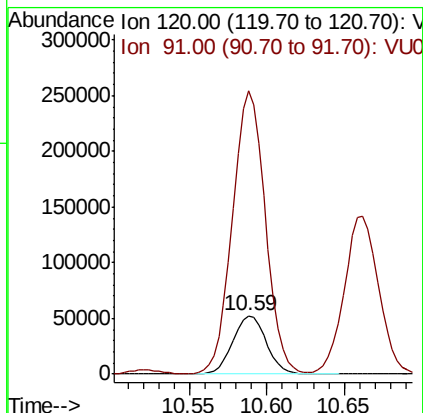
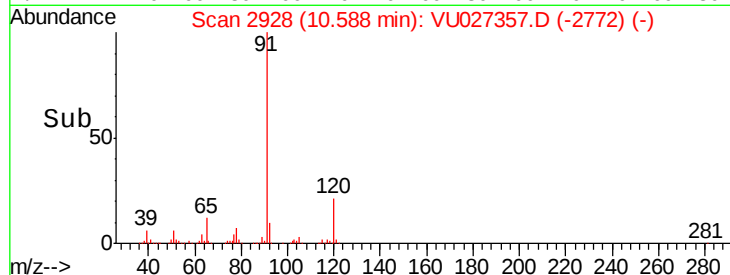
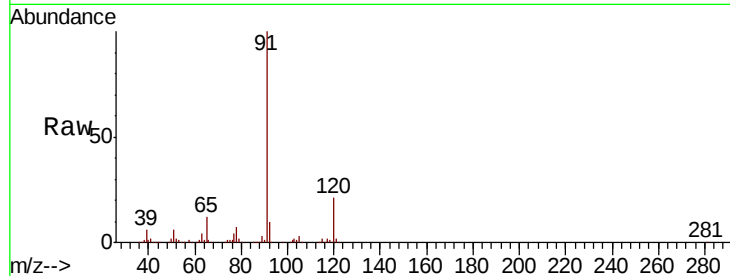
91 479.1 381.4 572.0

Manual Integrations

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#74

2-Chlorotoluene

Concen: 10.929 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027357.D

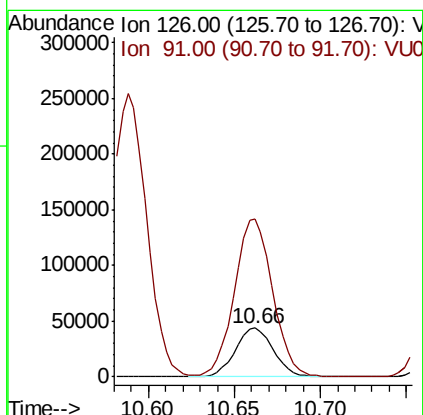
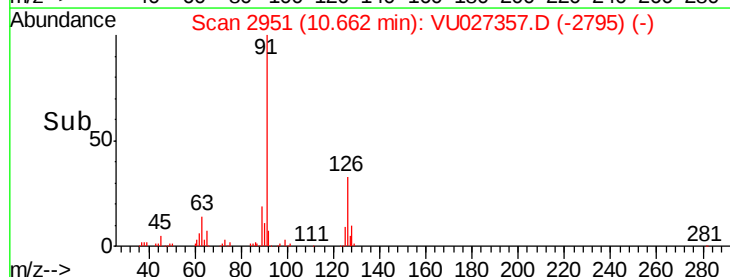
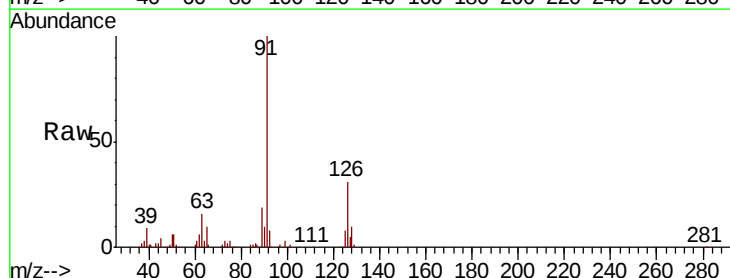
Acq: 03 Oct 2018 11:20

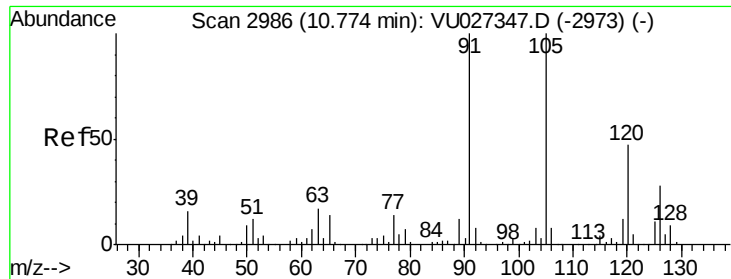
Tgt Ion:126 Resp: 67423

Ion Ratio Lower Upper

126 100

91 323.1 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 11.435 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 254986

Ion Ratio Lower Upper

105 100

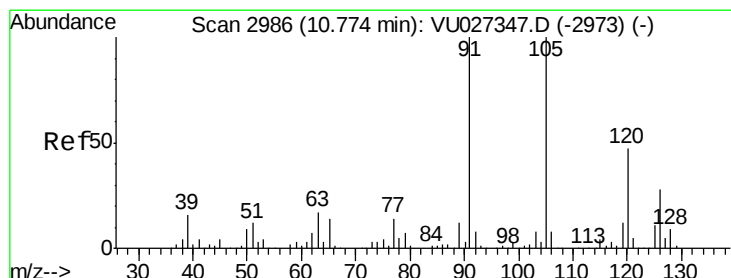
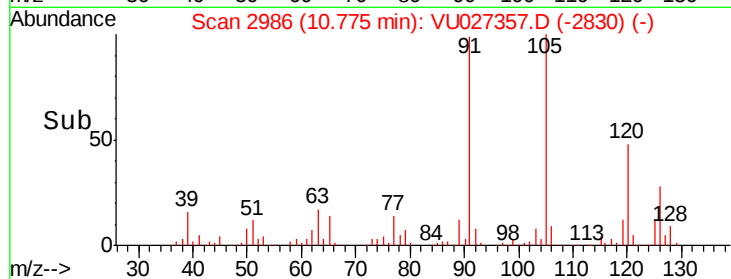
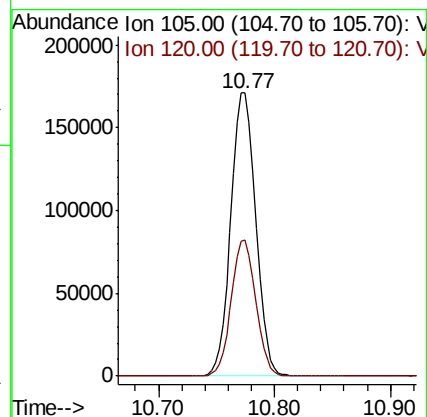
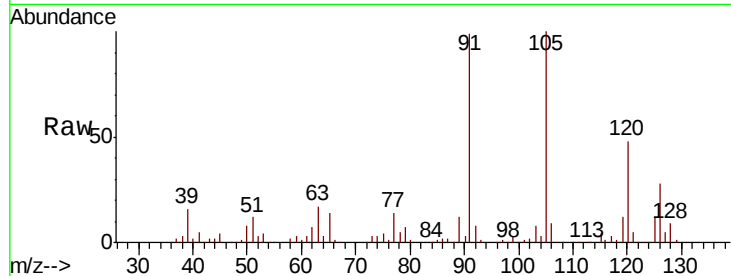
120 47.3 37.8 56.8

Manual Integrations

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#76

4-Chlorotoluene

Concen: 11.354 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027357.D

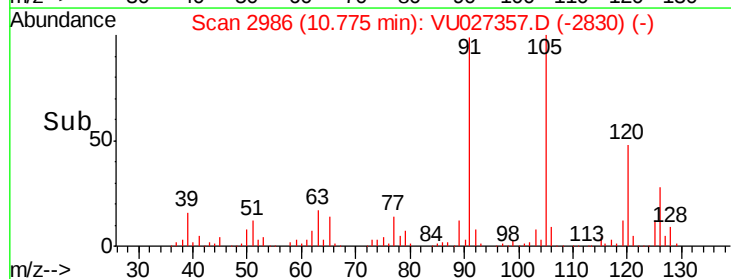
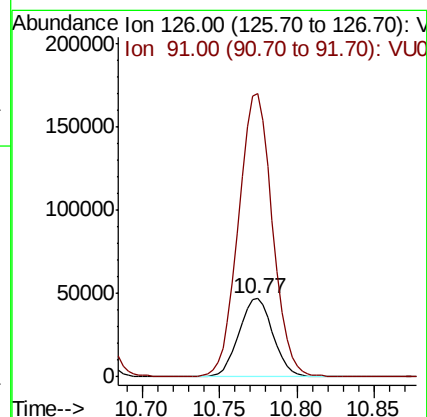
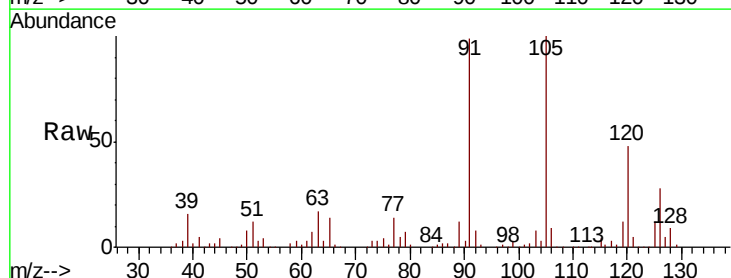
Acq: 03 Oct 2018 11:20

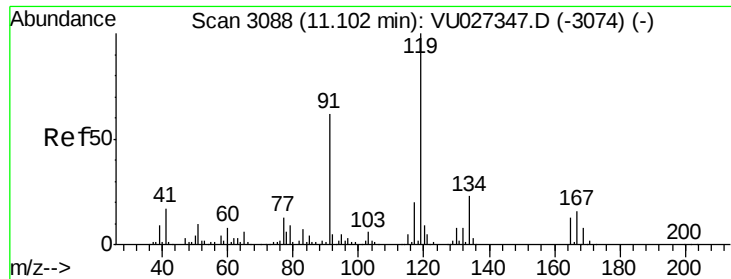
Tgt Ion:126 Resp: 71874

Ion Ratio Lower Upper

126 100

91 360.3 0.0 720.8





#77

tert-Butylbenzene

Concen: 11.160 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

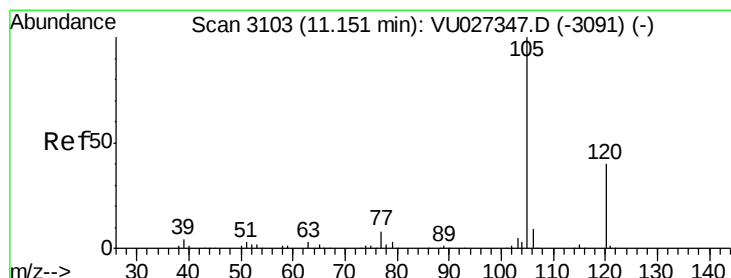
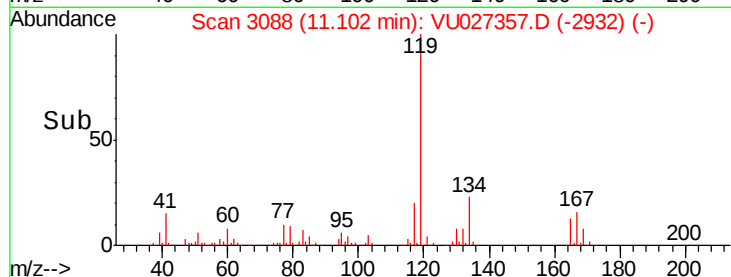
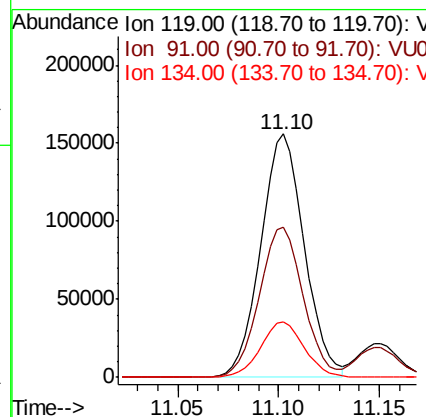
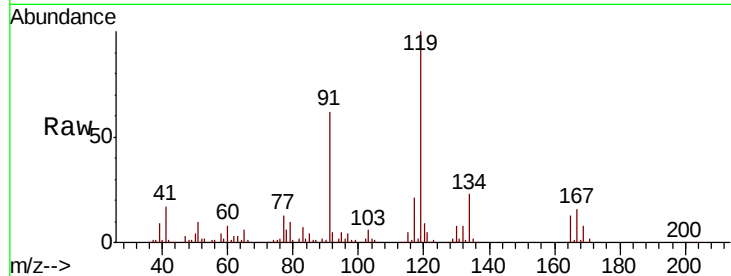
ClientSampleId :

VSTDCCC010

Tot Ion:	119	Resp:	234971
Ion Ratio	Lower	Upper	
119	100		
91	61.9	31.4	94.3
134	22.8	18.7	28.1

Manual Integrations
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#78

1,2,4-Trimethylbenzene

Concen: 9.698 ug/l

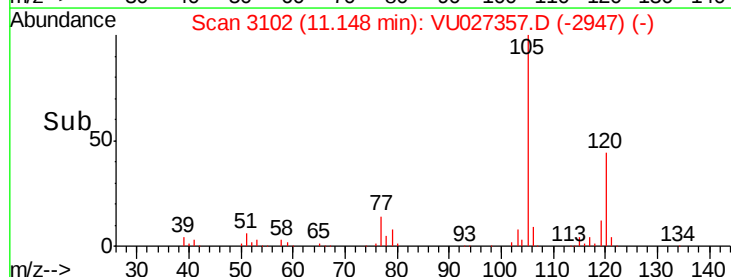
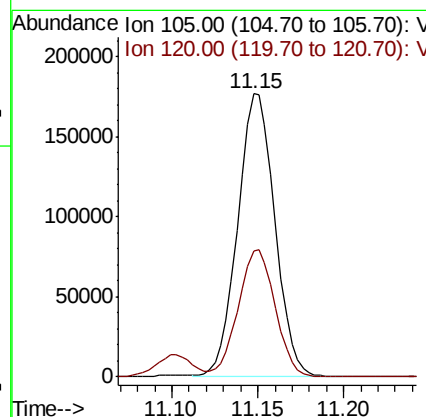
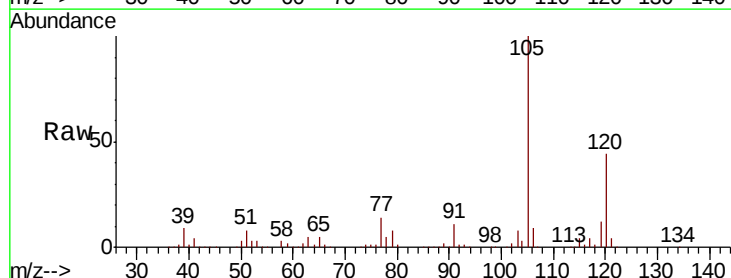
RT: 11.15 min Scan# 3102

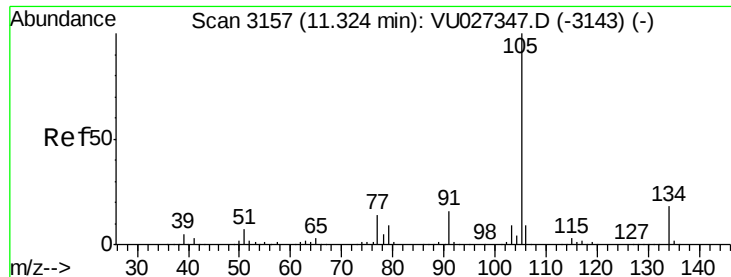
Delta R.T. -0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Tgt Ion:	105	Resp:	264053
Ion Ratio	Lower	Upper	
105	100		
120	44.9	21.9	65.7





#79

sec-Butylbenzene

Concen: 11.357 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 105 Resp: 328062

Ion Ratio Lower Upper

105 100

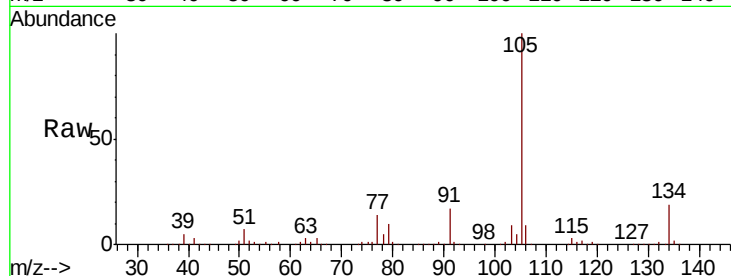
134 19.1 14.8 22.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

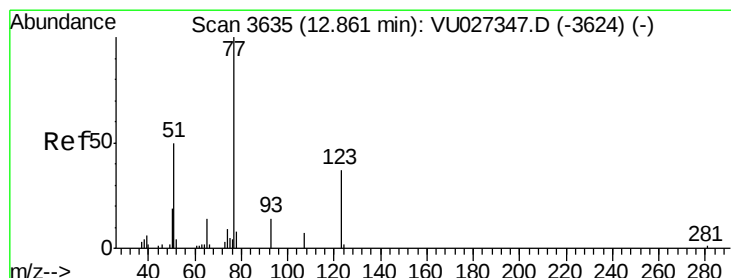
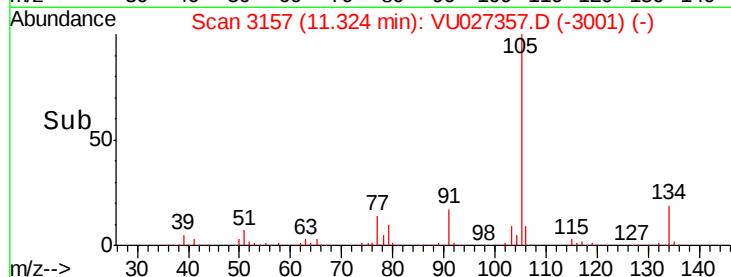
0

11.32

11.30

11.40

Time-->



#80

Nitrobenzene

Concen: 57.850 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027357.D

Acq: 03 Oct 2018 11:20

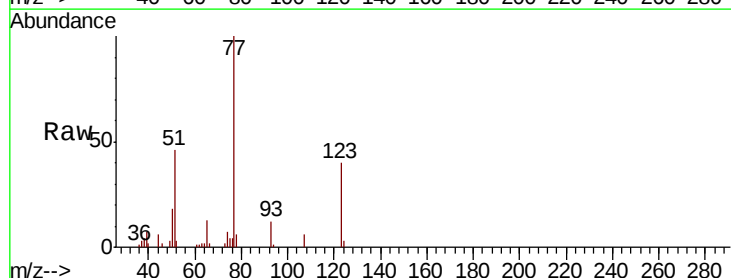
Tgt Ion: 77 Resp: 15518

Ion Ratio Lower Upper

77 100

123 41.5 16.4 58.2

65 13.1 11.7 14.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12000

10000

8000

6000

4000

2000

0

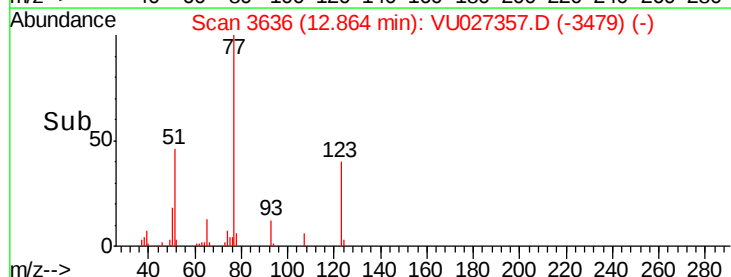
12.86

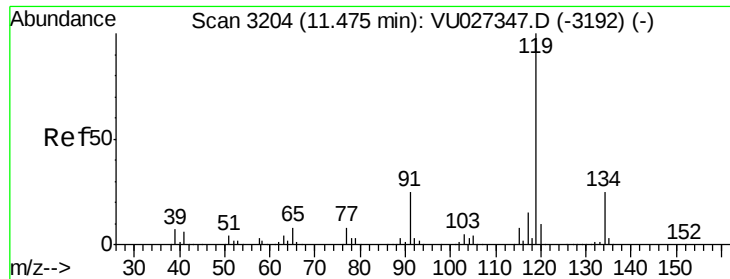
12.80

12.90

12.95

Time-->





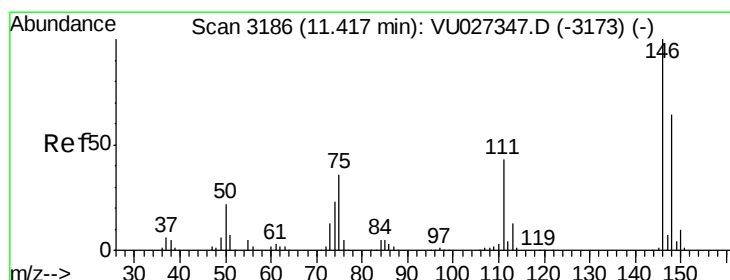
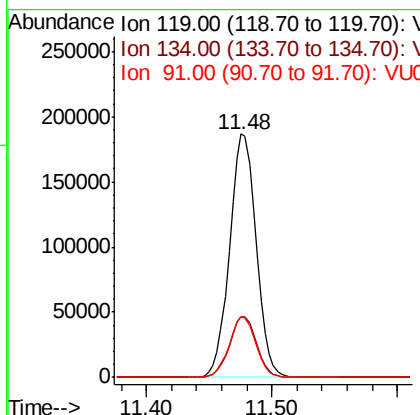
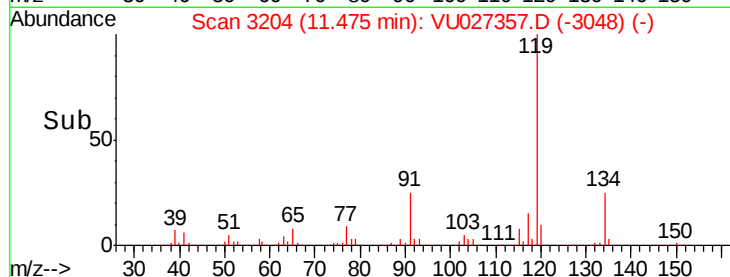
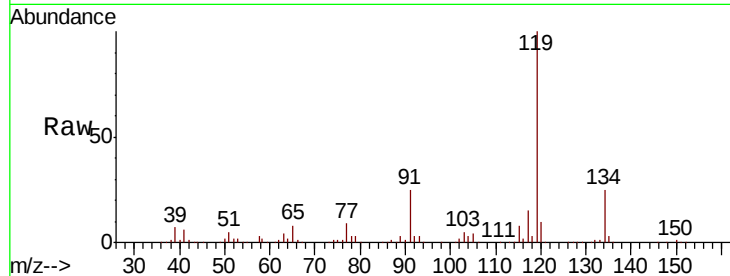
#81
 p-Isopropyltoluene
 Concen: 9.729 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.2
91	24.9	19.6	29.4

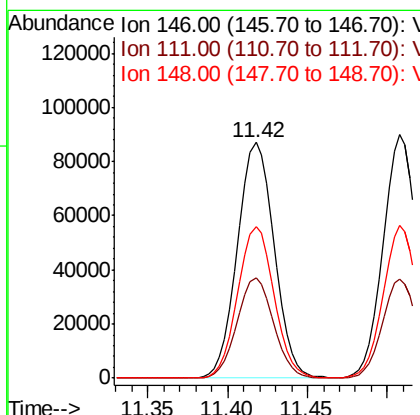
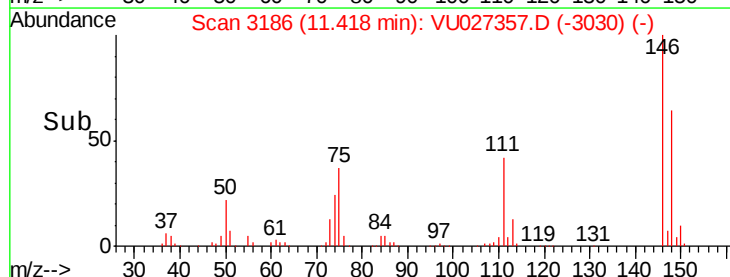
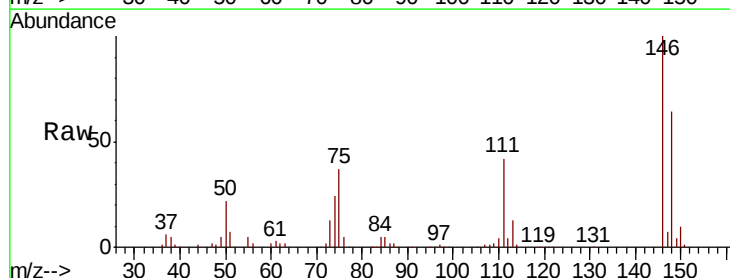
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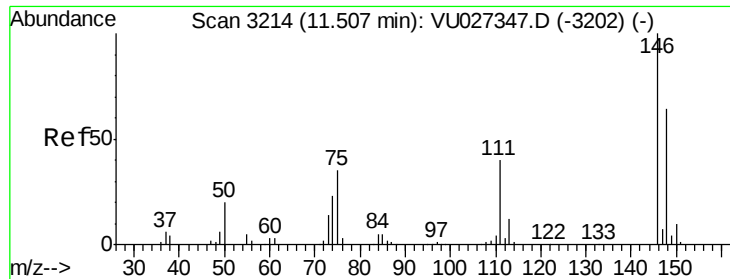
apatel
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#82
 1,3-Dichlorobenzene
 Concen: 10.713 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	34.3	51.5
148	63.4	51.2	76.8





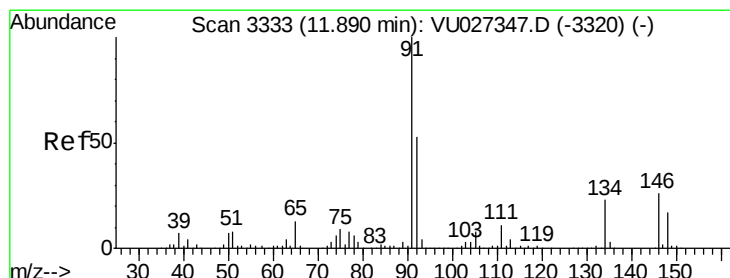
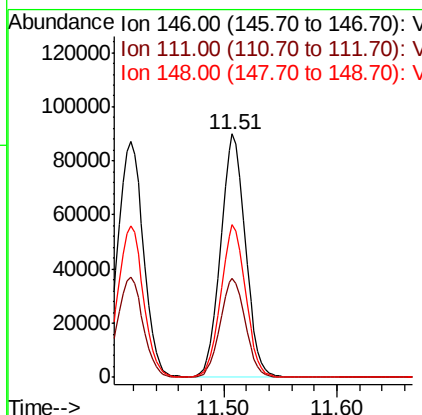
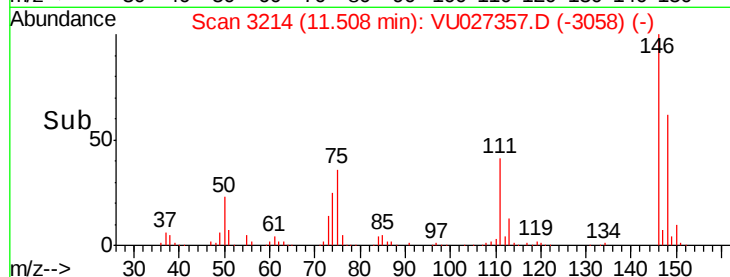
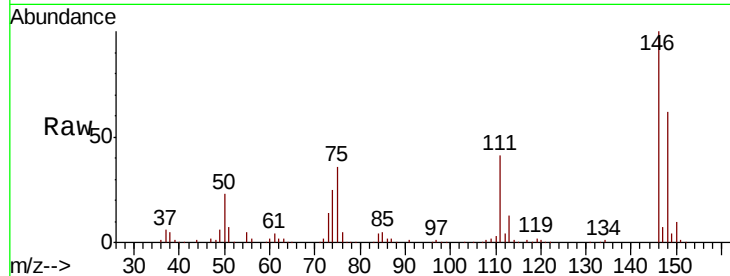
#83
 1,4-Dichlorobenzene
 Concen: 10.724 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	32.6	49.0
148	62.9	51.4	77.2

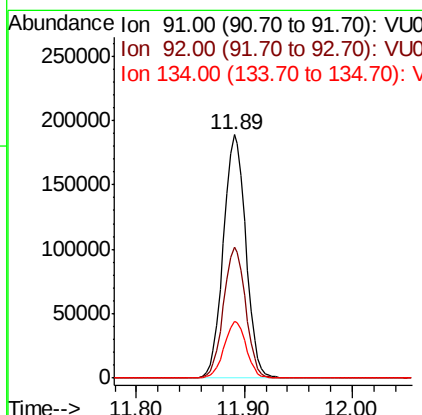
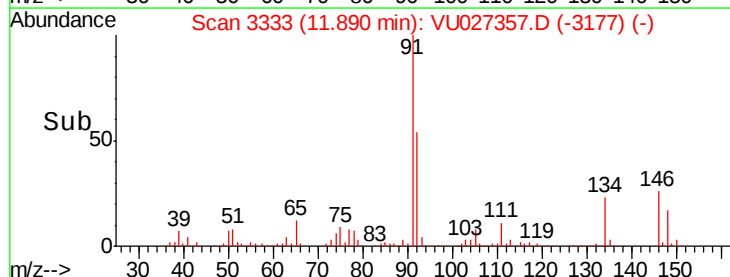
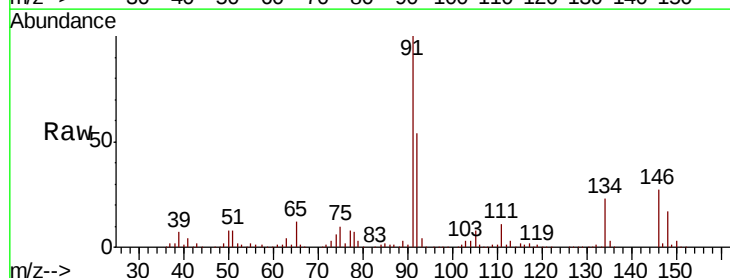
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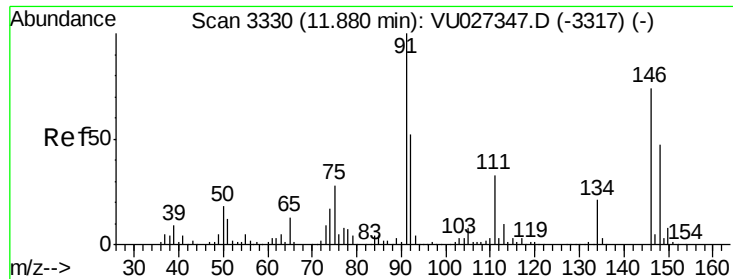
apatel
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#84
 n-Butylbenzene
 Concen: 9.614 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	42.2	63.2
134	22.9	18.2	27.4





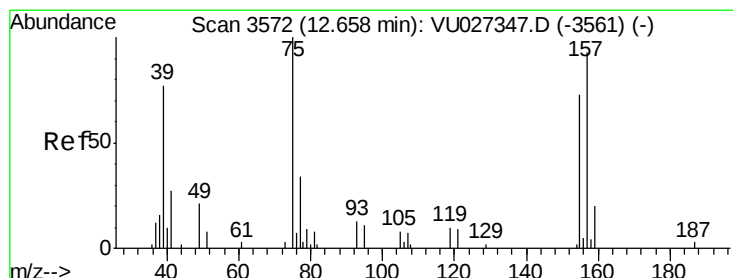
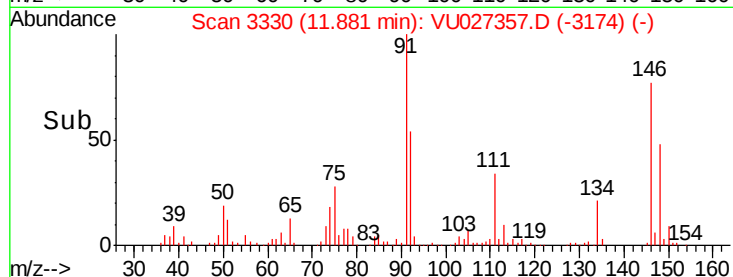
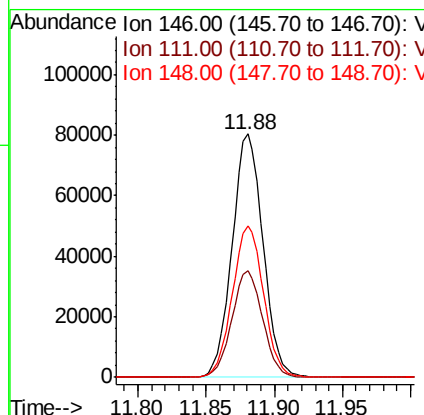
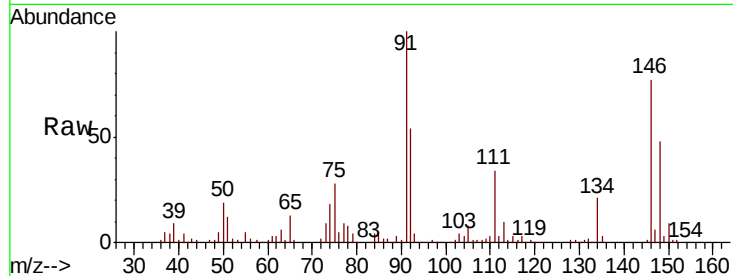
#85
 1,2-Dichlorobenzene
 Concen: 10.737 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.3
148	62.7	32.0	96.0

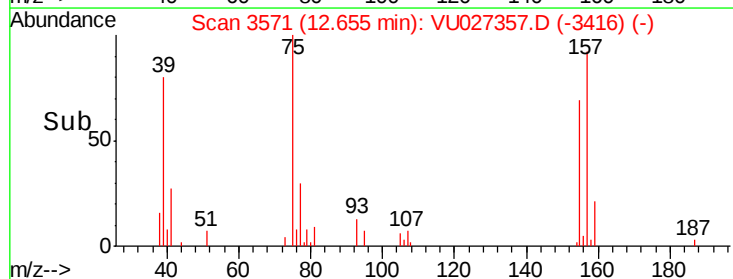
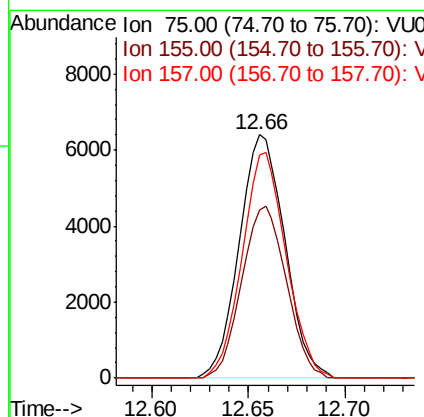
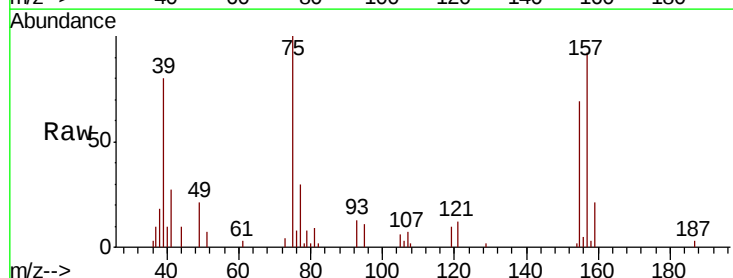
Manual Integrations
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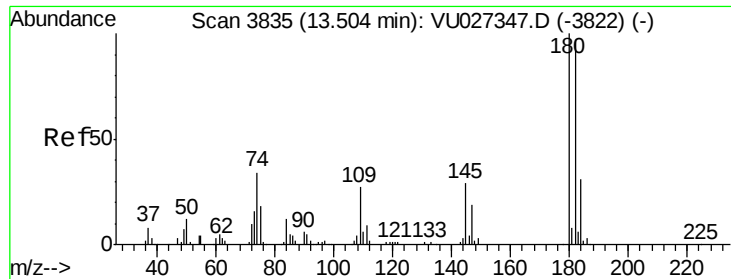
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.613 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.1	56.6	84.8
157	89.2	71.8	107.6





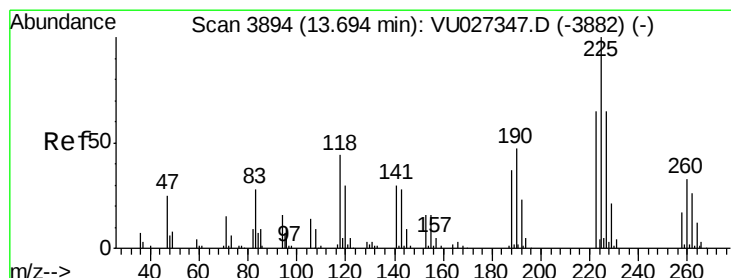
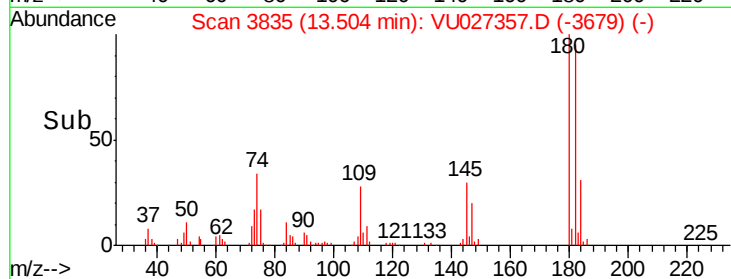
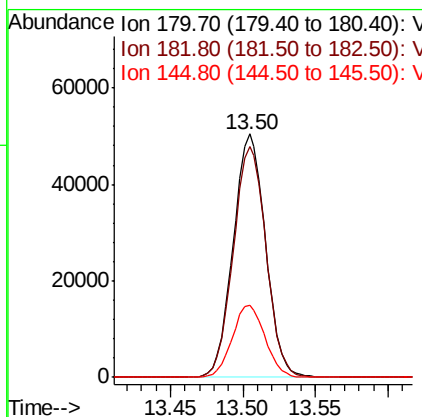
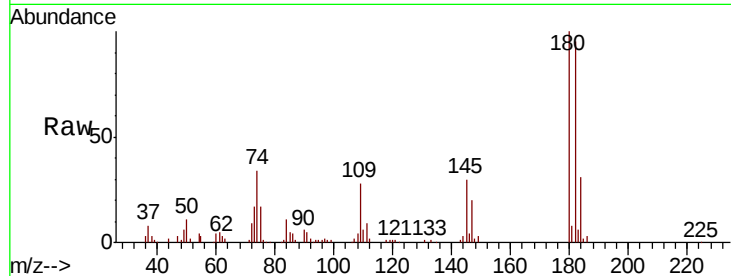
#87
 1,2,4-Trichlorobenzene
 Concen: 10.448 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.5	116.3
145	30.1	23.9	35.9

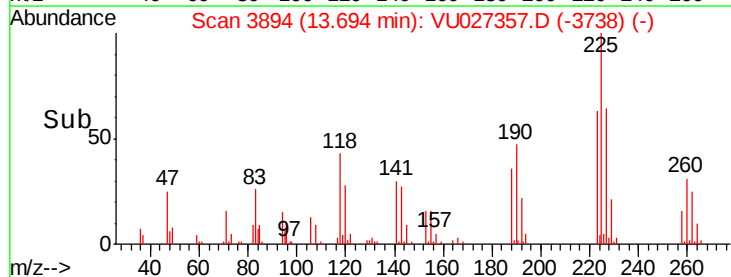
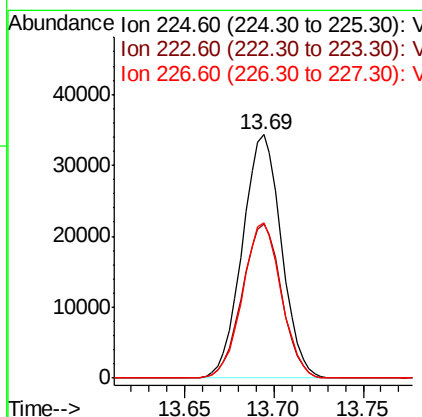
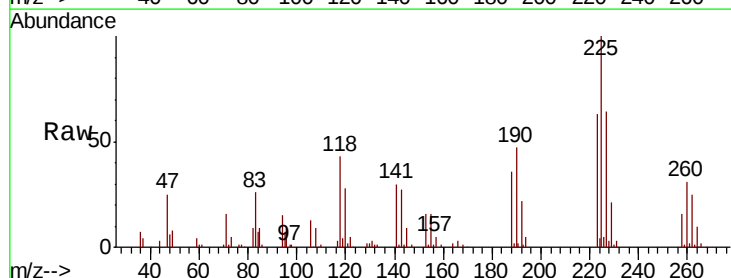
Manual Integrations
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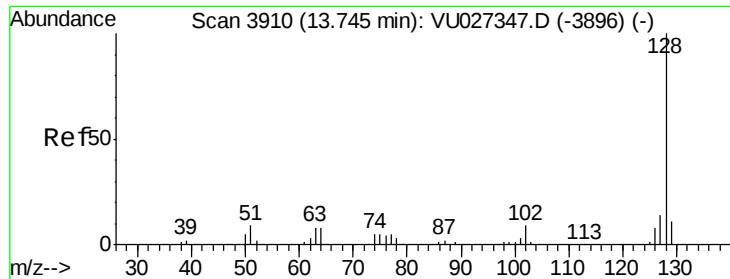
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#88
 Hexachlorobutadiene
 Concen: 10.604 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027357.D
 Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.0
227	62.9	52.3	78.5





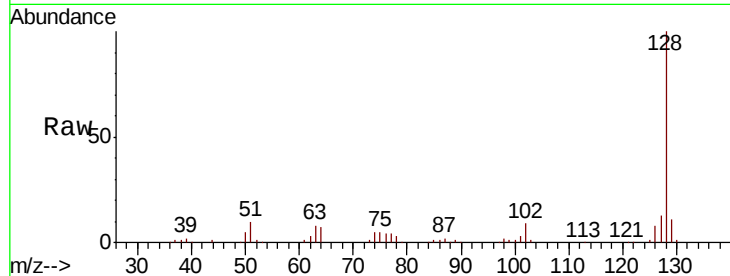
#89
Naphthalene
Concen: 11.175 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.4	12.6

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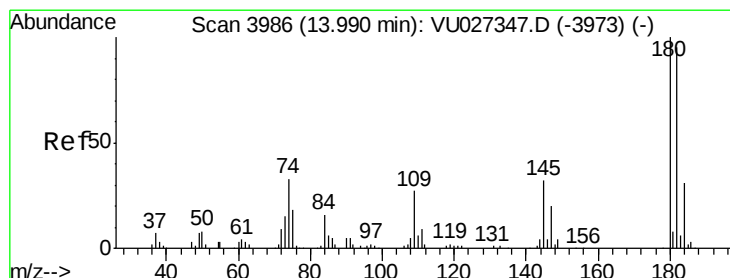
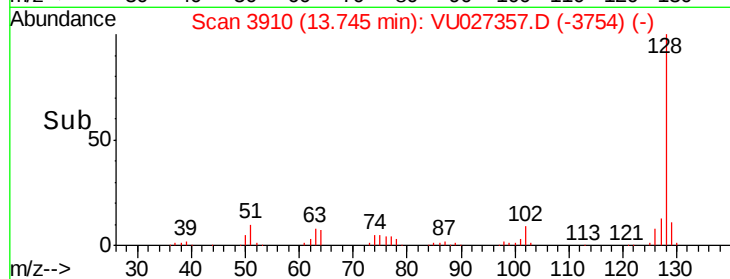
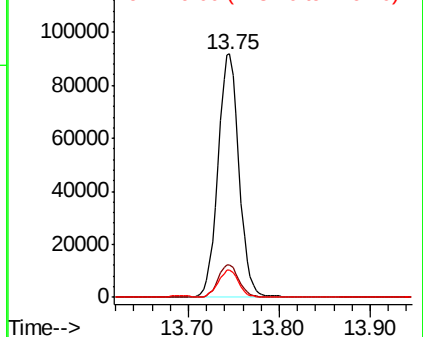


Abundance

Ion 128.00 (127.70 to 128.70): V

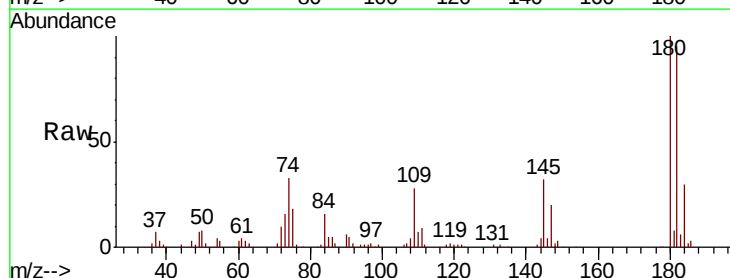
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.039 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027357.D
Acq: 03 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	31.4	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

