

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027359.D
 Acq On : 03 Oct 2018 12:44
 Operator : MD/SY
 Sample : VU1003WBS02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Manual Integrations
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 10/5/2018 11:57:06 AM

Quant Time: Oct 03 17:10:29 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	22431	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7314	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7058	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	14242	1.894	ug/l	97
3) Chloromethane	1.33	50	17350	1.986	ug/l	98
4) Vinyl Chloride	1.40	62	16650	1.873	ug/l	98
5) Bromomethane	1.63	94	8787	2.363	ug/l	91
6) Chloroethane	1.70	64	11254	1.617	ug/l	98
7) Trichlorofluoromethane	1.89	101	19981	1.940	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11656	1.924	ug/l	99
9) 1,1-Dichloroethene	2.29	96	9713	1.925	ug/l	94
10) Iodomethane	2.41	142	10853	1.909	ug/l	99
11) Allyl Chloride	2.59	41	23955	1.797	ug/l	99
12) Acrylonitrile	2.94	53	6607	3.793	ug/l	99
13) Acetone	2.32	43	14515	9.209	ug/l	93
14) Carbon Disulfide	2.48	76	27777	1.772	ug/l	100
15) Methylene Chloride	2.70	84	18989	2.935	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	11443	1.950	ug/l	93
17) 1,1-Dichloroethane	3.45	63	27502	1.941	ug/l	100
18) 2-Butanone	4.29	43	25539	9.575	ug/l	99
19) Cyclohexane	4.99	56	20030	1.872	ug/l	98
20) Methylcyclohexane	6.41	83	17191	1.789	ug/l	98
21) 2,2-Dichloropropane	4.22	77	23467	1.934	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	13683	1.935	ug/l	98
23) Diethyl Ether	2.11	59	10058	1.868	ug/l	93
24) tert-Butyl Alcohol	2.84	59	10982	18.037	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	32278	1.917	ug/l	95
26) Bromochloromethane	4.55	128	4774	1.837	ug/l	96
27) Chloroform	4.68	83	25478	1.970	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	20160	1.922	ug/l	99
29) 1,1-Dichloropropene	5.13	75	18327	1.940	ug/l	100
30) Carbon Tetrachloride	5.13	117	16460	1.897	ug/l	93
31) Isopropyl Ether	3.58	45	48576	1.802	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	38073	1.810	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	32179	1.910	ug/l	98
34) Propionitrile	4.34	54	6411	9.318	ug/l #	89
35) Benzene	5.39	78	53013	1.919	ug/l	100
36) 1,2-Dichloroethane	5.41	62	17519	1.934	ug/l	99
37) Trichloroethene	6.18	130	11792	1.923	ug/l	90
38) 1,2-Dichloropropane	6.44	63	15402	1.844	ug/l	95
39) Methacrylonitrile	4.56	41	5975	1.659	ug/l	97
40) Methyl acrylate	4.43	55	8397	1.832	ug/l #	95
41) Tetrahydrofuran	4.66	42	6772	3.652	ug/l	94
42) 1-Chlorobutane	5.06	56	28409	1.869	ug/l	97

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Quant Time: Oct 03 17:10:29 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	6983	2.010	ug/l	99
44) Bromodichloromethane	6.76	83	17882	1.897	ug/l	97
45) 4-Methyl-2-Pentanone	7.48	43	45078	8.425	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	5675m	3.658	ug/l	
47) Methyl methacrylate	6.64	69	11982	3.425	ug/l	93
48) Ethyl methacrylate	8.03	69	9340	1.533	ug/l	99
49) Toluene	7.64	92	25237	1.671	ug/l	94
50) t-1,3-Dichloropropene	7.88	75	14718	1.758	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	17486	1.743	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	9594	1.962	ug/l	95
53) 1,3-Dichloropropane	8.25	76	16604	1.790	ug/l	98
54) 2-Hexanone	8.38	43	31366	8.484	ug/l	94
55) Dibromochloromethane	8.48	129	10502	1.945	ug/l	98
56) 1,2-Dibromoethane	8.59	107	8007	1.852	ug/l	97
58) Tetrachloroethene	8.23	164	9911	1.823	ug/l	96
59) Chlorobenzene	9.12	112	27422	1.741	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	11690	1.930	ug/l	99
61) Pentachloroethane	11.10	117	9915	1.981	ug/l	98
62) Hexachloroethane	12.15	117	9806	2.054	ug/l	99
63) Ethyl Benzene	9.25	91	42443	1.570	ug/l	98
64) m/p-Xylenes	9.38	106	32162	3.172	ug/l	100
65) o-Xylene	9.78	106	15701	1.631	ug/l	97
66) Styrene	9.79	104	26403	1.563	ug/l	97
67) Bromoform	9.96	173	5629	1.949	ug/l	99
69) Isopropylbenzene	10.17	105	39516	1.557	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	12754	1.931	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	8910m	1.748	ug/l	
72) Bromobenzene	10.45	156	10439	1.705	ug/l	98
73) n-propylbenzene	10.59	120	10631	1.556	ug/l	94
74) 2-Chlorotoluene	10.66	126	10699	1.713	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	36571	1.620	ug/l	98
76) 4-Chlorotoluene	10.77	126	11497	1.794	ug/l	95
77) tert-Butylbenzene	11.10	119	34755	1.631	ug/l	96
78) 1,2,4-Trimethylbenzene	11.15	105	36418	1.645	ug/l	96
79) sec-Butylbenzene	11.32	105	47431	1.622	ug/l	100
80) Nitrobenzene	12.86	77	2662	9.803	ug/l #	94
81) p-Isopropyltoluene	11.48	119	37492	1.689	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	24348	1.888	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	24561	1.903	ug/l	97
84) n-Butylbenzene	11.89	91	38016	1.703	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	21672	1.817	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2119	2.118	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.50	180	12211	1.615	ug/l	99
88) Hexachlorobutadiene	13.69	225	9552	1.909	ug/l	97
89) Naphthalene	13.75	128	17596	1.319	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	11981	1.602	ug/l	99

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

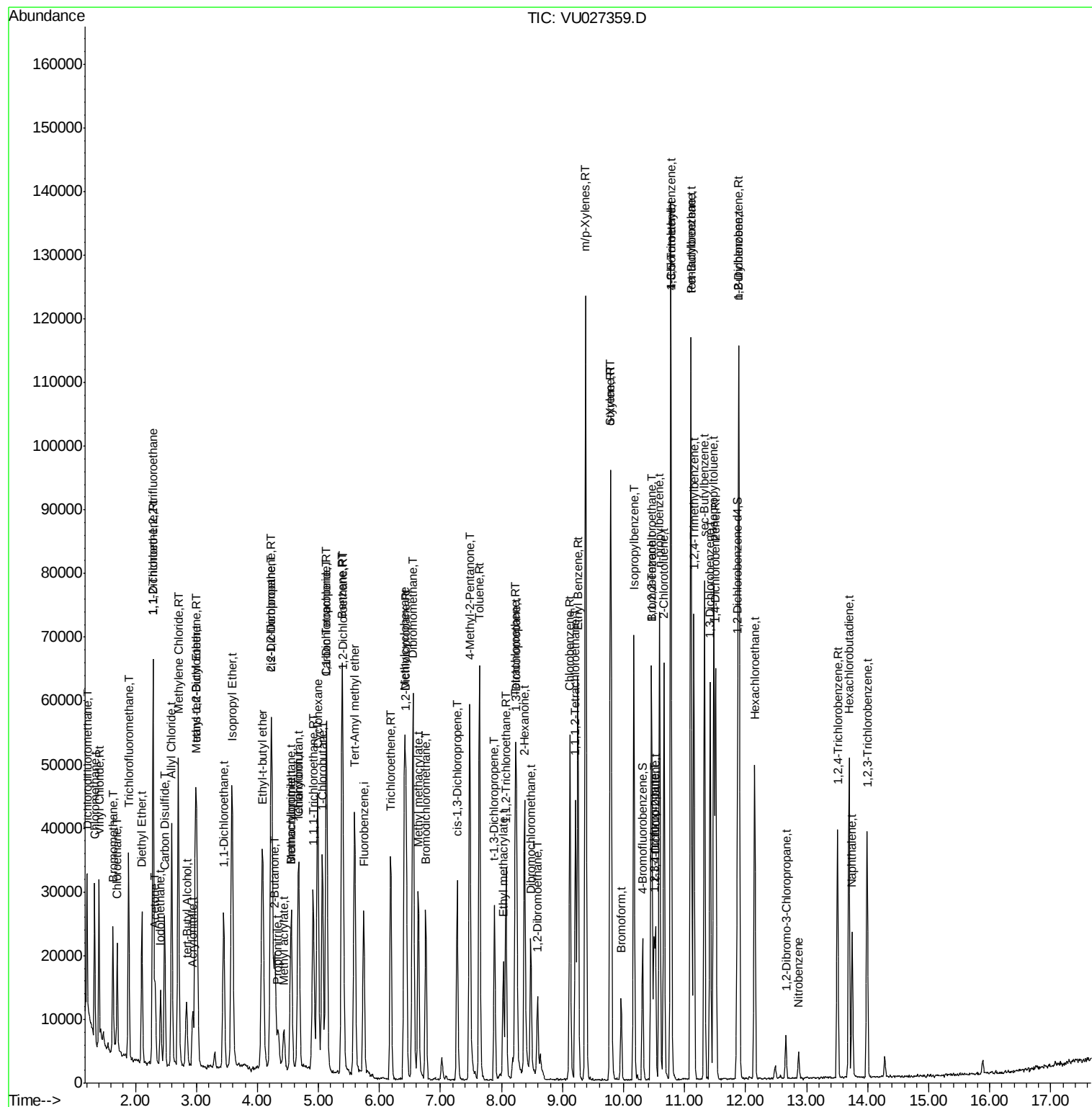
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100318\
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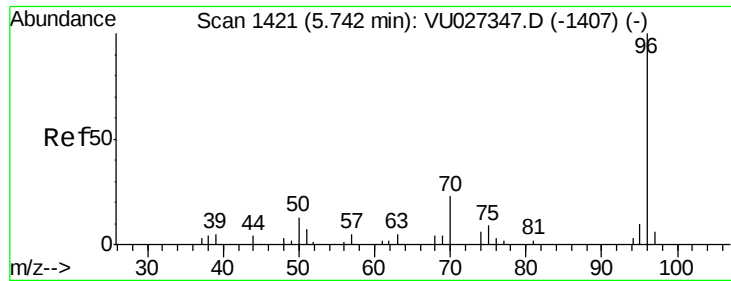
Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

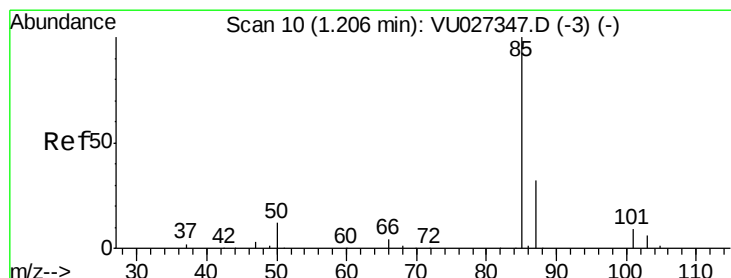
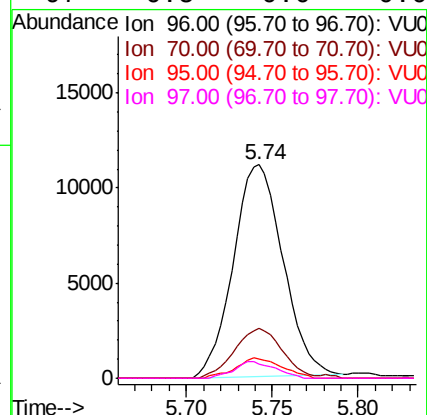
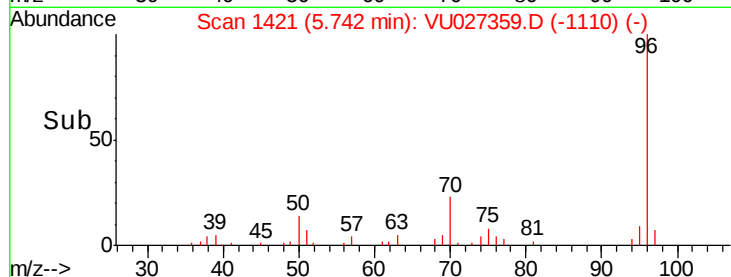
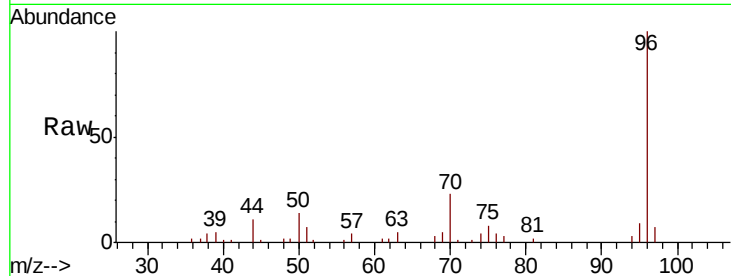
VU1003WBS02

Tot Ion: 96 Resp: 22431

Ion	Ratio	Lower	Upper
96	100		
70	23.0	19.2	28.8
95	8.8	7.7	11.5
97	6.5	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.894 ug/l

RT: 1.21 min Scan# 11

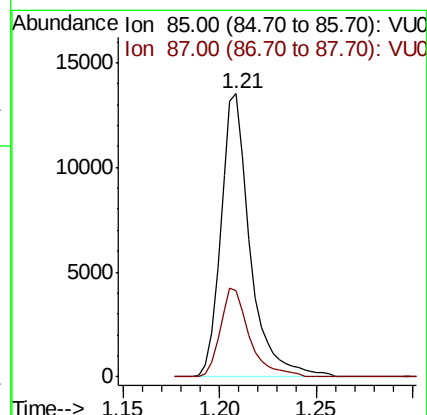
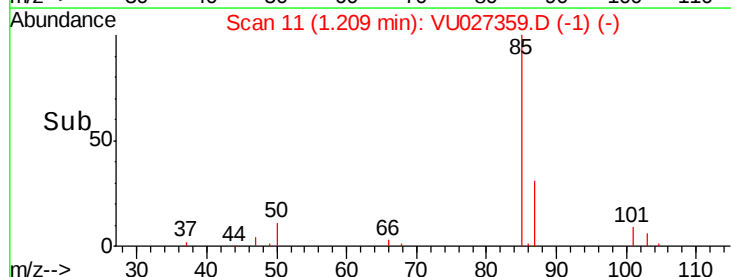
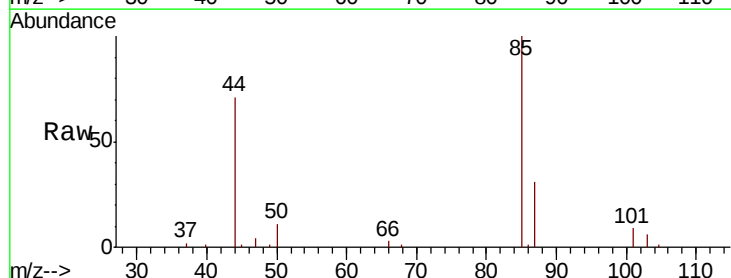
Delta R.T. 0.00 min

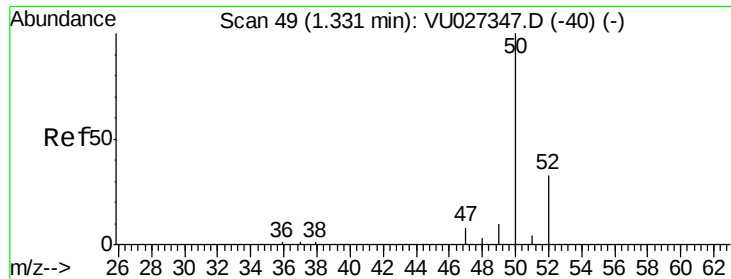
Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Tgt Ion: 85 Resp: 14242

Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.1	48.3





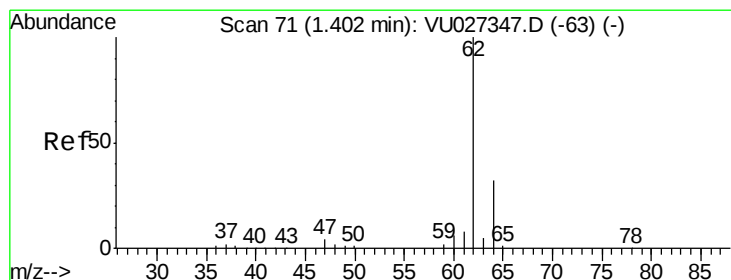
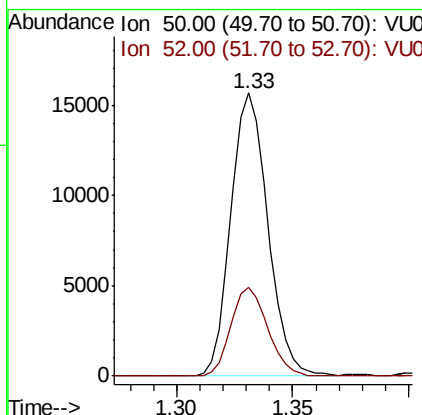
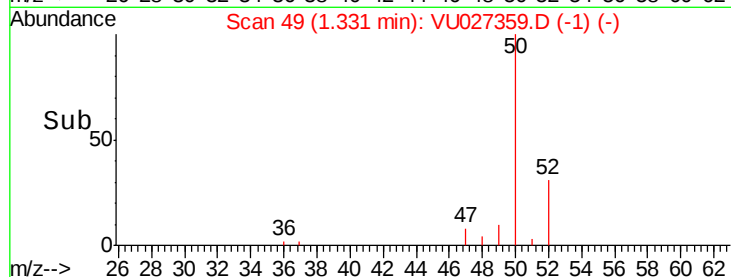
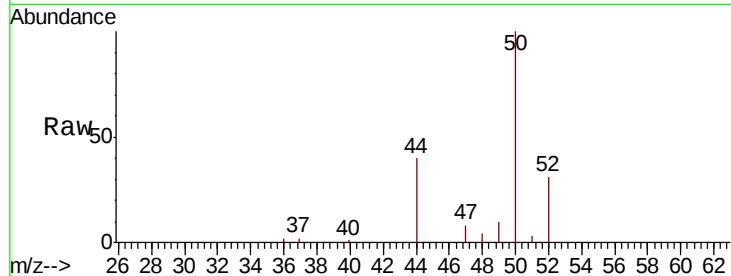
#3
Chloromethane
Concen: 1.986 ug/l
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.0	39.0

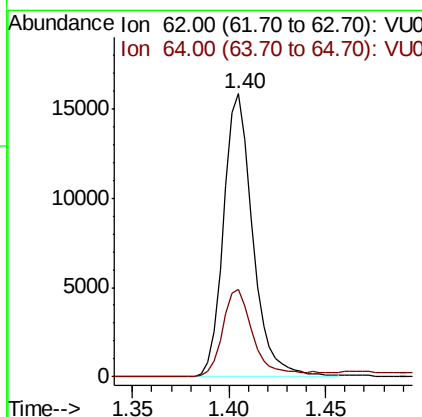
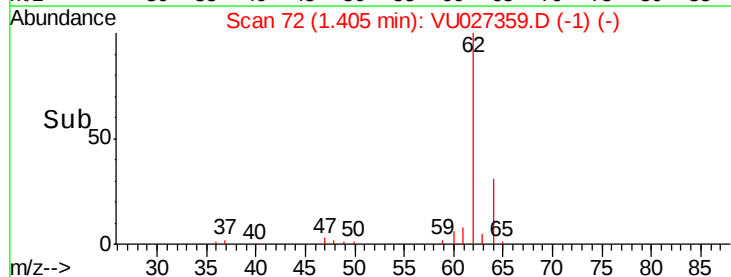
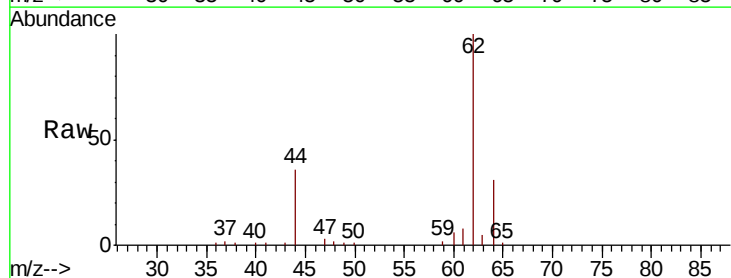
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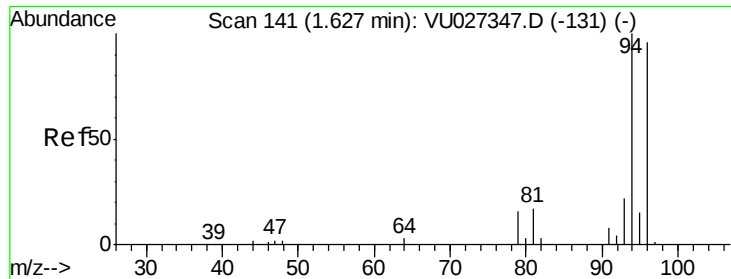
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#4
Vinyl Chloride
Concen: 1.873 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.8	25.6	38.4





#5

Bromomethane

Concen: 2.363 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 94 Resp: 8787

Ion Ratio Lower Upper

94 100

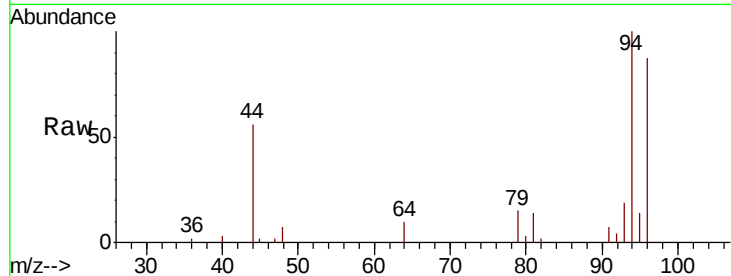
96 87.1 77.0 115.6

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

8000

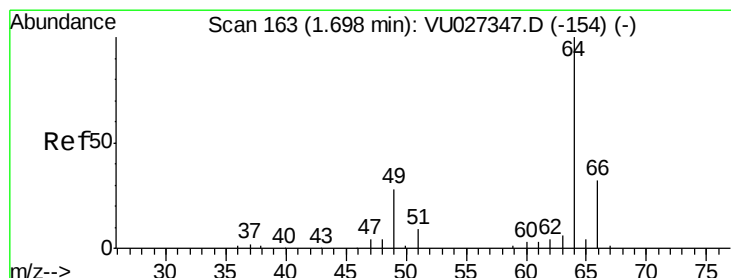
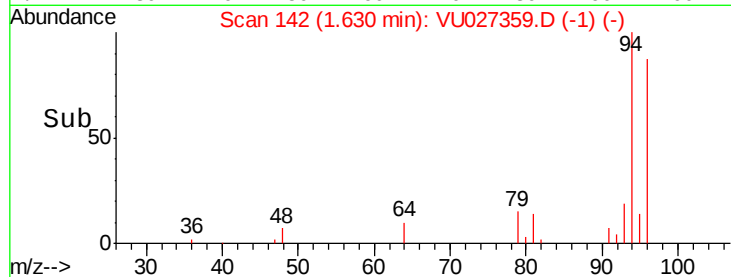
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4000

2000

0

Time-->



#6

Chloroethane

Concen: 1.617 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027359.D

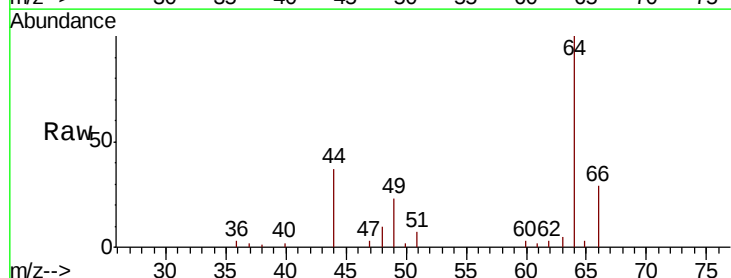
Acq: 03 Oct 2018 12:44

Tgt Ion: 64 Resp: 11254

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

10000

8000

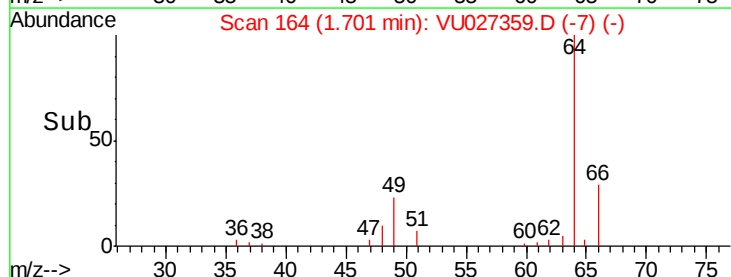
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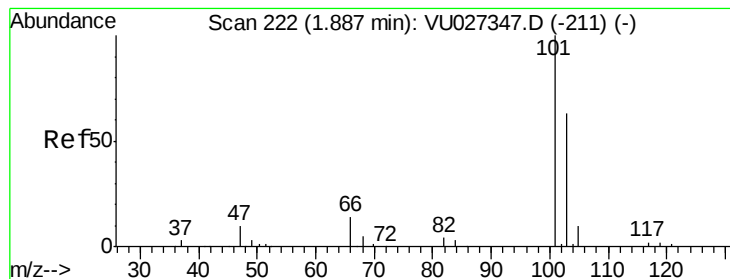
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2000

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Time-->





#7

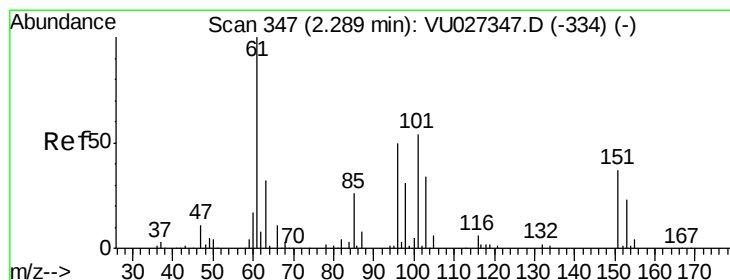
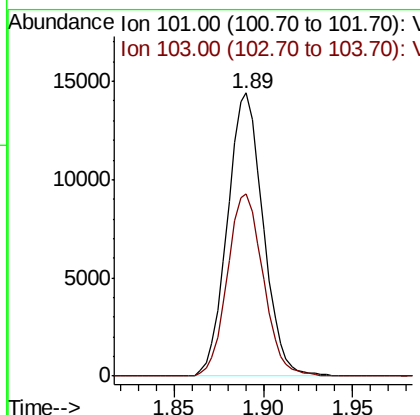
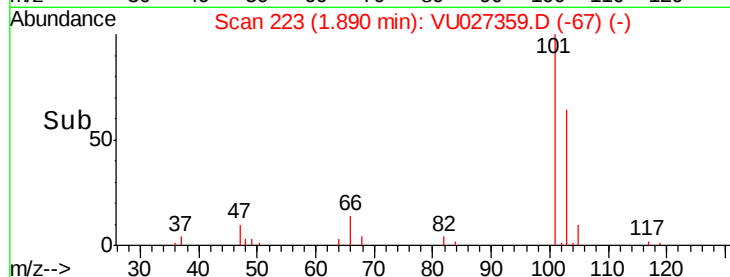
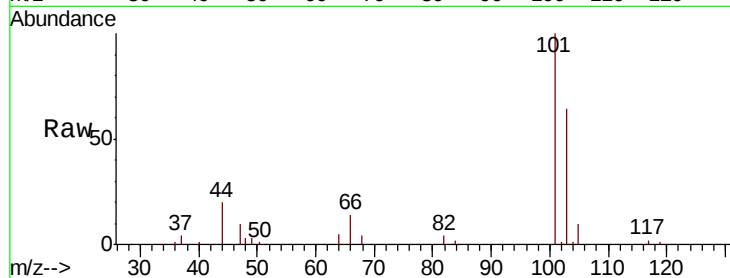
Trichlorofluoromethane
 Concen: 1.940 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.8	76.2

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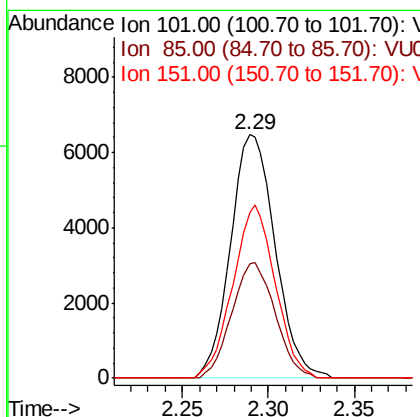
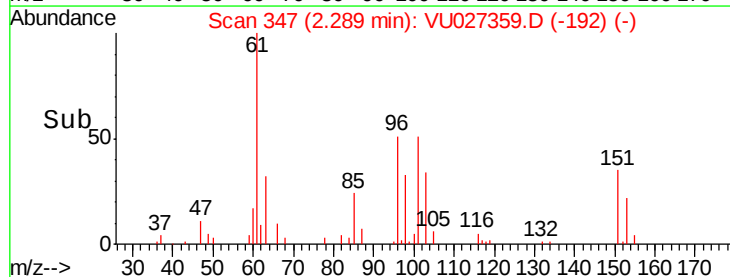
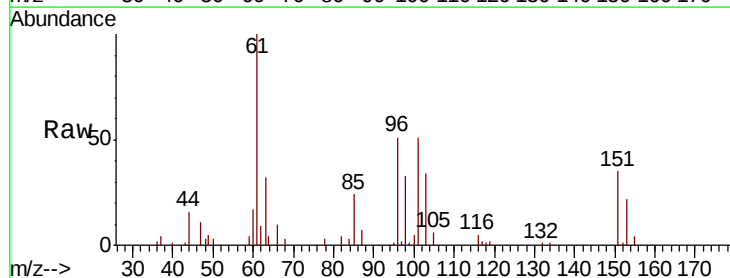
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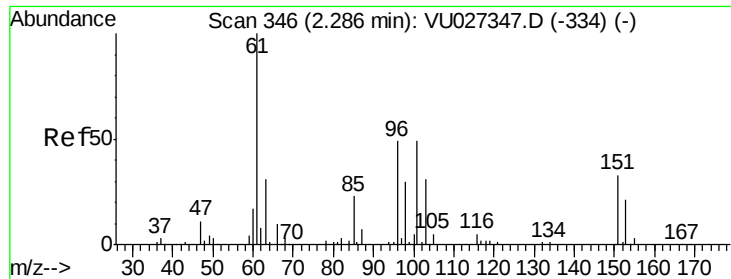


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.924 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.0	37.6	56.4
151	67.5	54.6	81.8





#9

1,1-Dichloroethene

Concen: 1.925 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

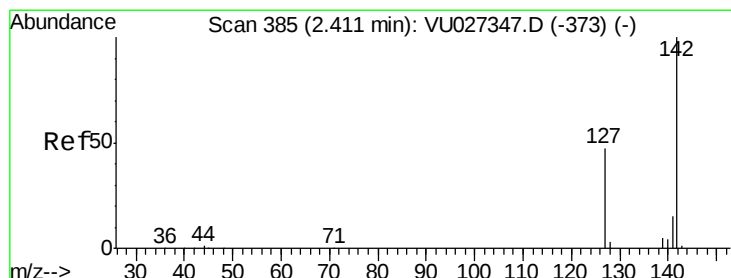
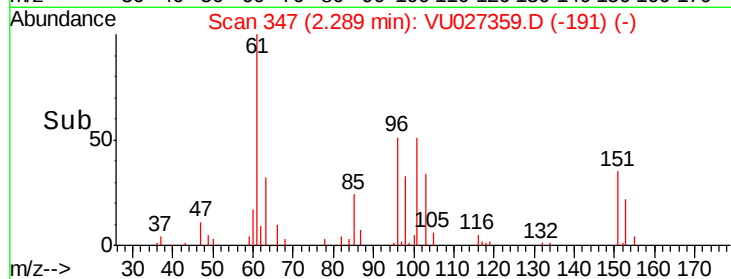
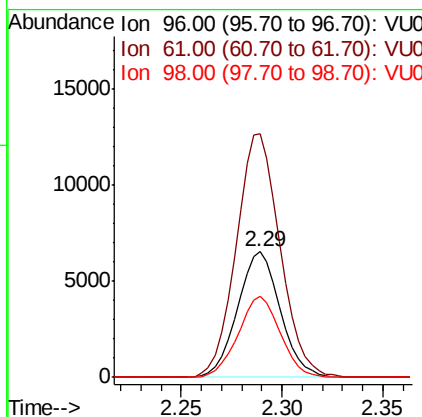
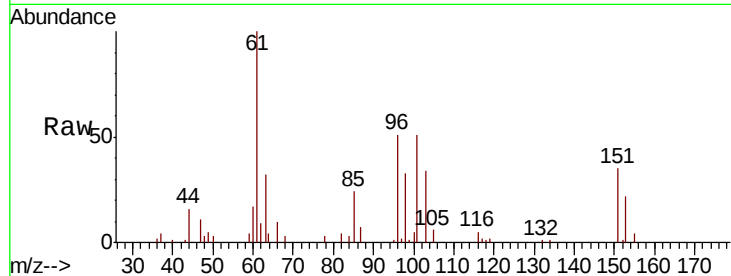
ClientSampleId :

VU1003WBS02

Tot Ion:	96	Resp:	9713
Ion	Ratio	Lower	Upper
96	100		
61	194.4	0.0	614.1
98	64.7	0.0	123.4

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#10

Iodomethane

Concen: 1.909 ug/l

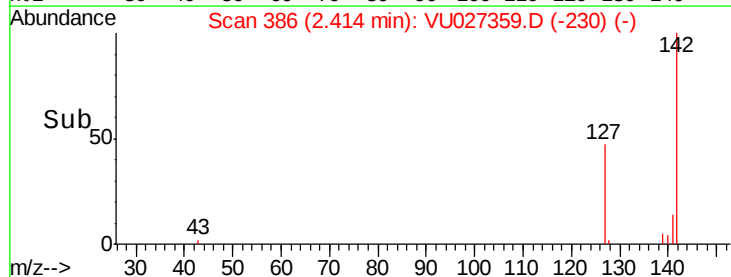
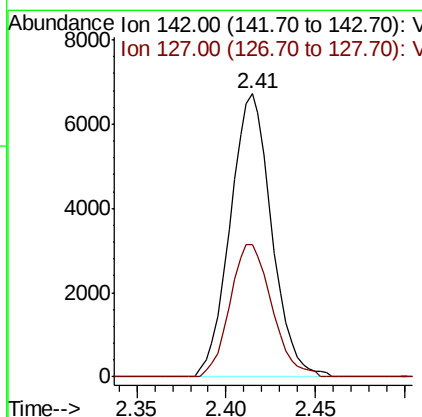
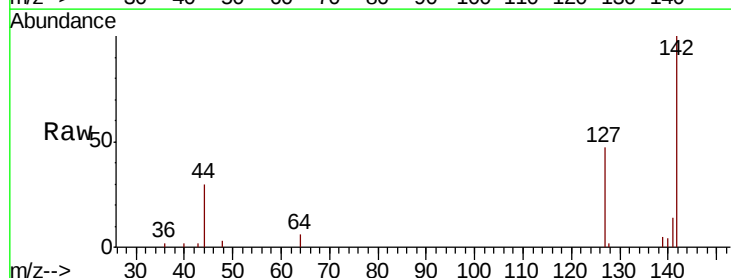
RT: 2.41 min Scan# 386

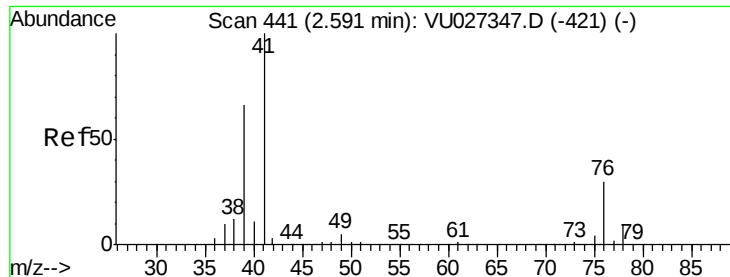
Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Tgt Ion:	142	Resp:	10853
Ion	Ratio	Lower	Upper
142	100		
127	47.4	38.3	57.5





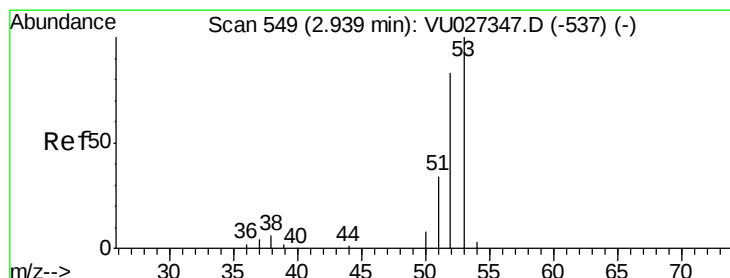
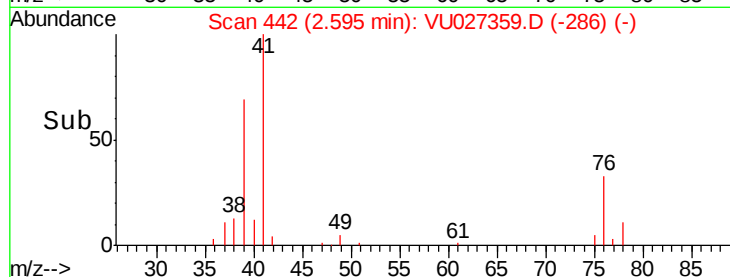
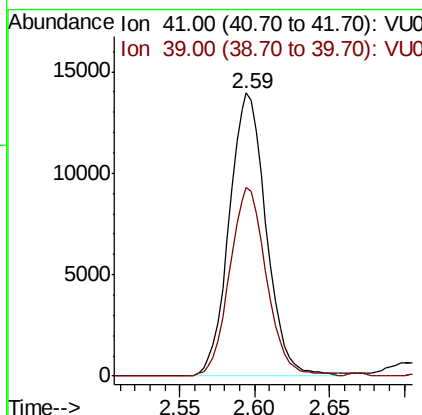
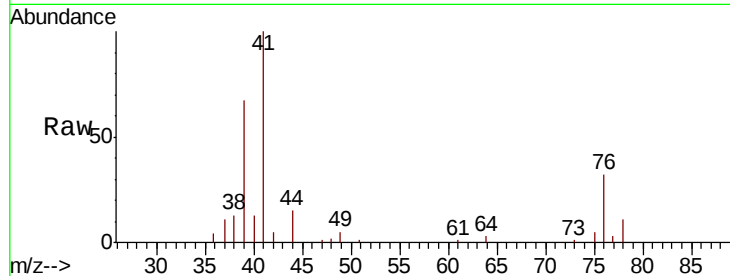
#11
Allvl Chloride
Concen: 1.797 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion: 41 Resp: 23955
Ion Ratio Lower Upper
41 100
39 66.5 52.2 78.4

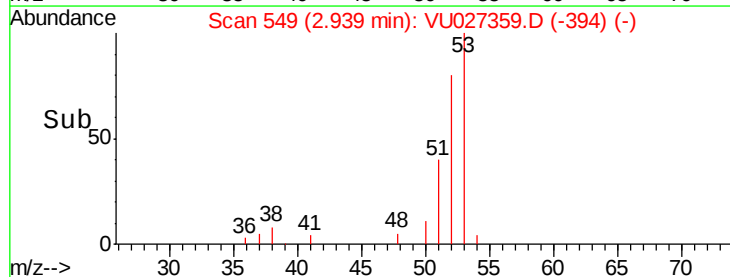
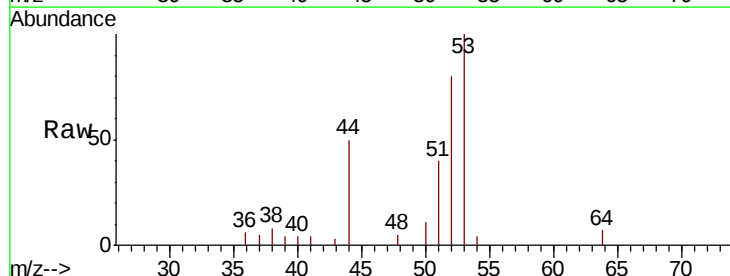
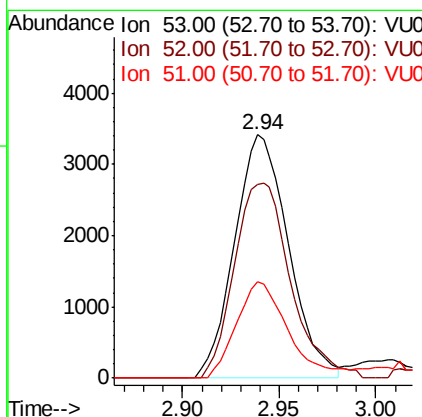
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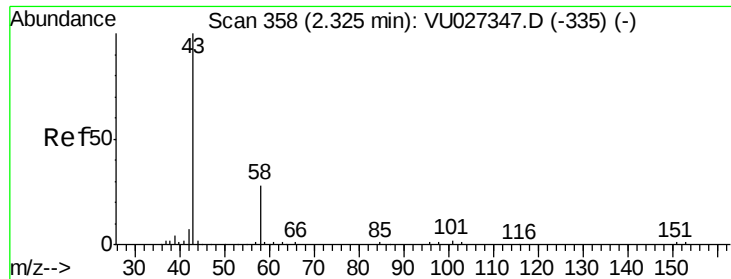
apatel
10/5/2018 11:57:06 AM



#12
Acrylonitrile
Concen: 3.793 ug/l
RT: 2.94 min Scan# 549
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion: 53 Resp: 6607
Ion Ratio Lower Upper
53 100
52 83.8 67.0 100.4
51 38.1 29.0 43.6





#13

Acetone

Concen: 9.209 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 43 Resp: 14515

Ion Ratio Lower Upper

43 100

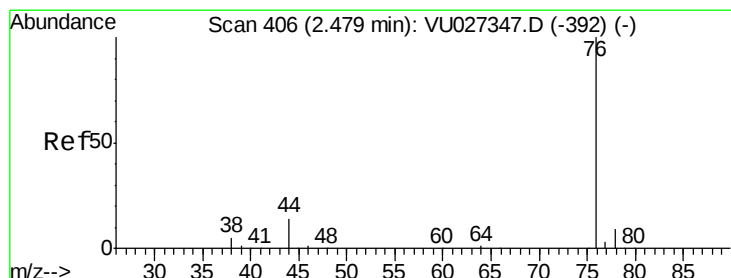
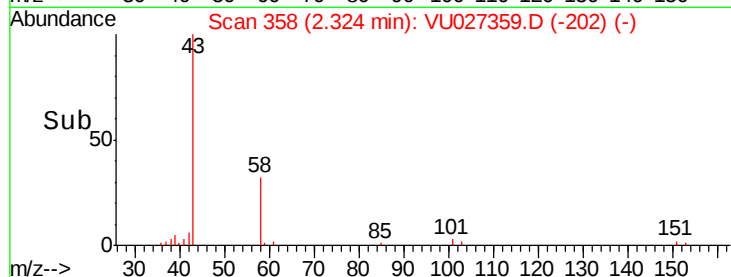
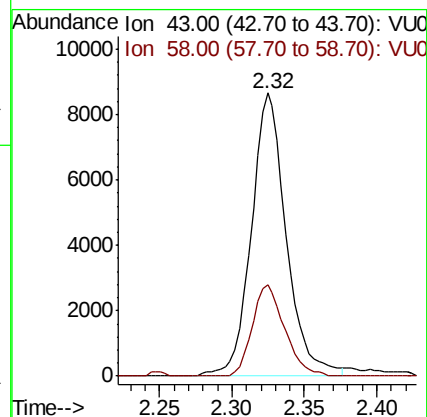
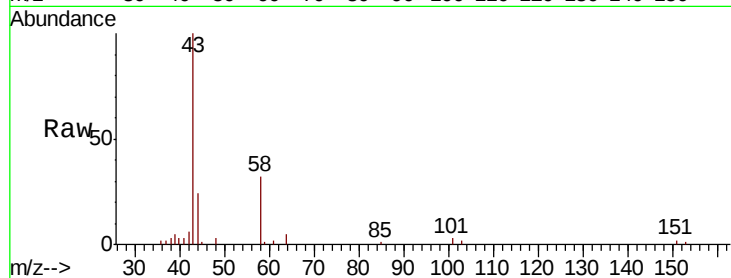
58 32.2 22.6 34.0

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#14

Carbon Disulfide

Concen: 1.772 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU027359.D

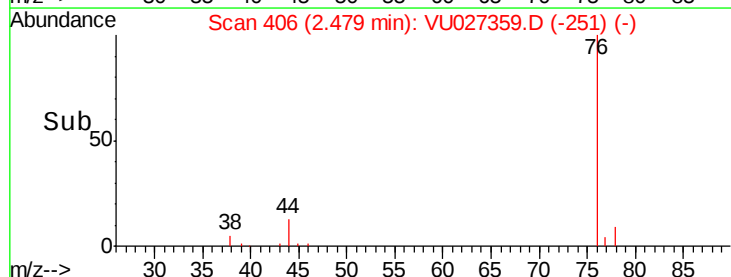
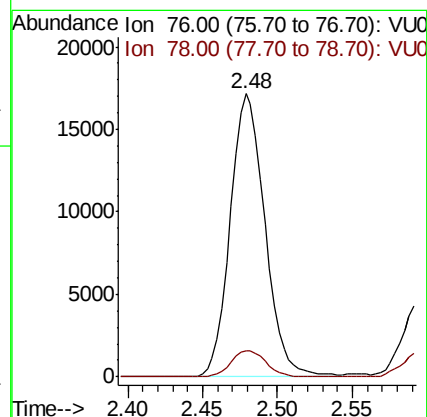
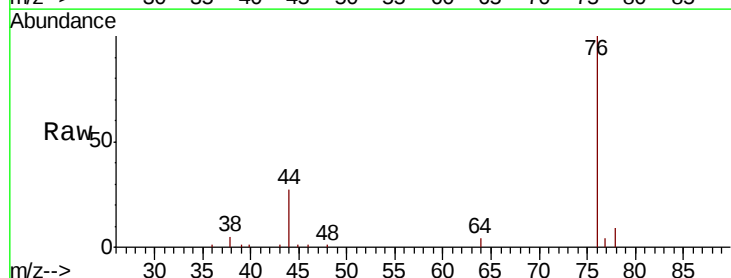
Acq: 03 Oct 2018 12:44

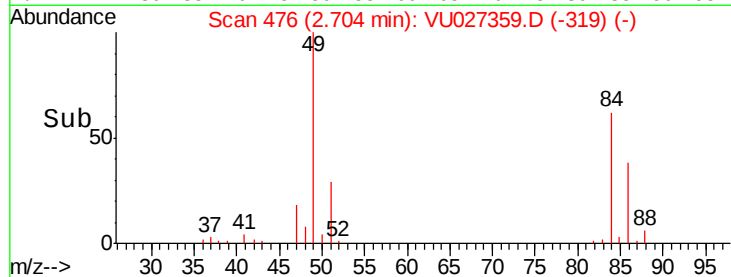
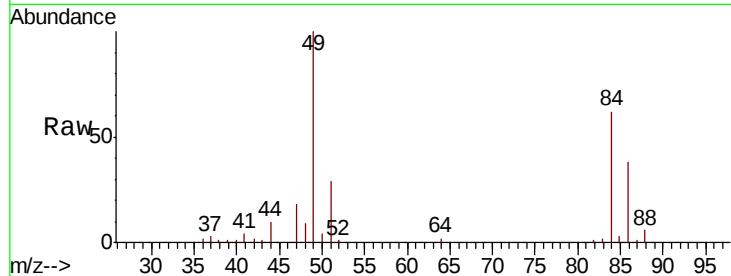
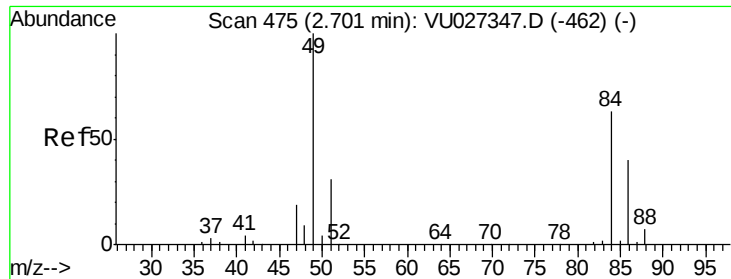
Tgt Ion: 76 Resp: 27777

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





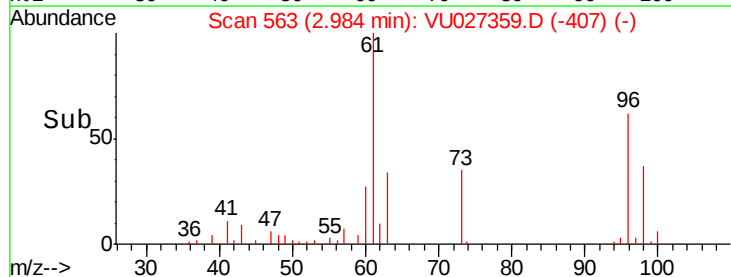
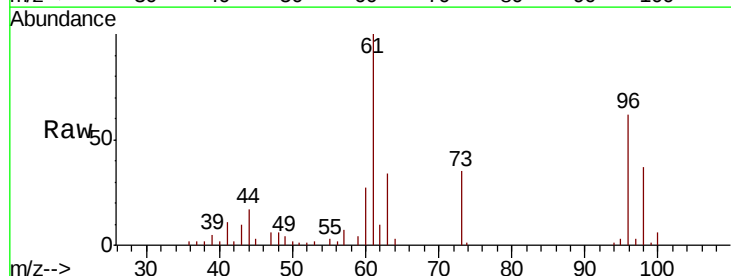
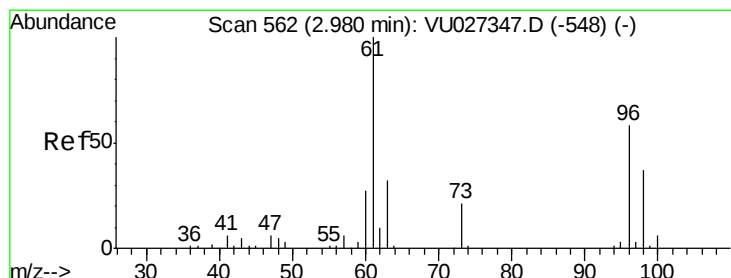
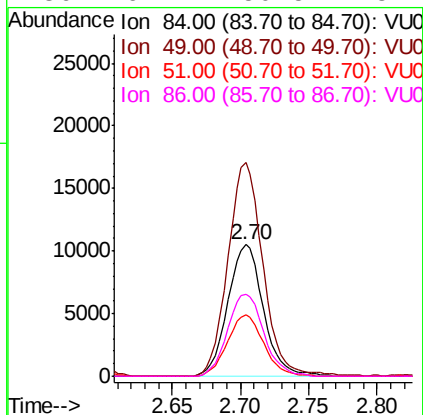
#15
Methvlene Chloride
Concen: 2.935 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	162.6	126.0	189.0	
51	46.4	0.0	97.4	
86	62.2	50.5	75.7	

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

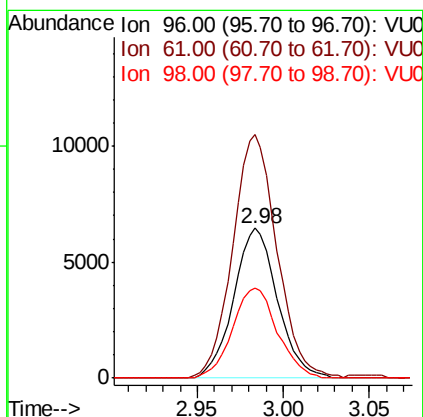
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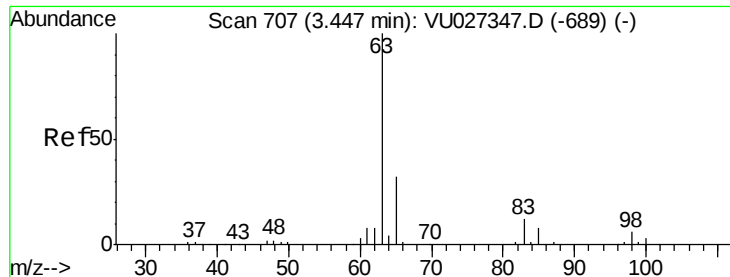
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#16
trans-1,2-Dichloroethene
Concen: 1.950 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	162.5	138.2	207.4	
98	60.1	51.5	77.3	





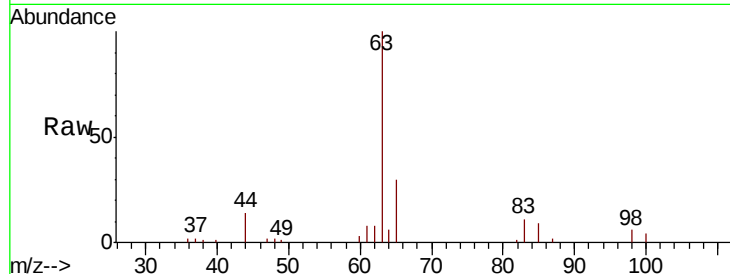
#17
 1,1-Dichloroethane
 Concen: 1.941 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

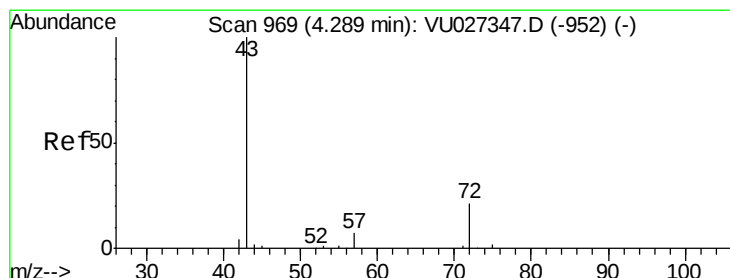
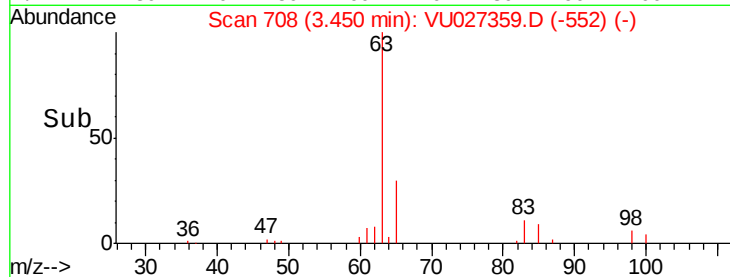
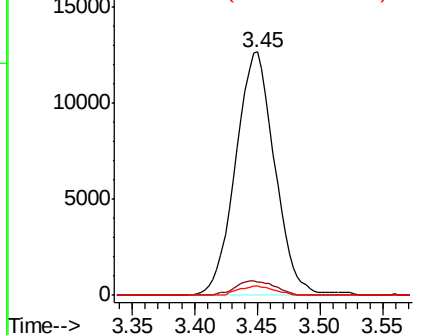
Tot Ion:	63	Resp:	27502
Ion Ratio	Lower	Upper	
63	100		
98	5.6	2.9	8.6
100	3.8	1.8	5.3

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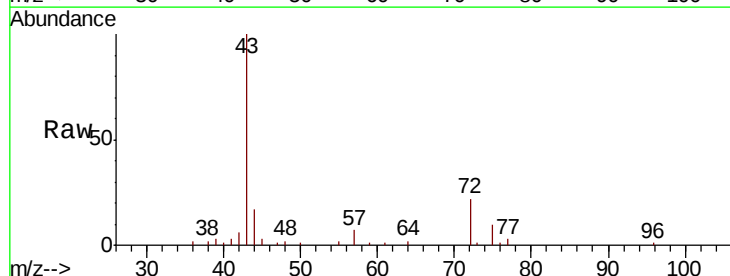


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

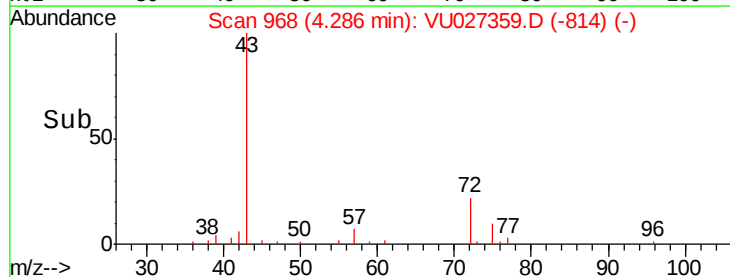
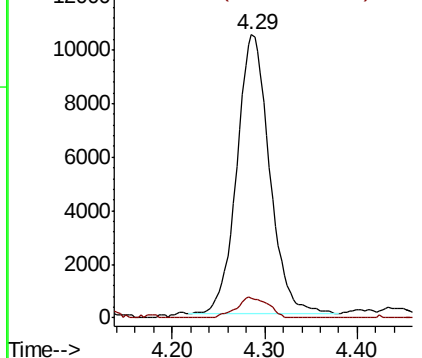


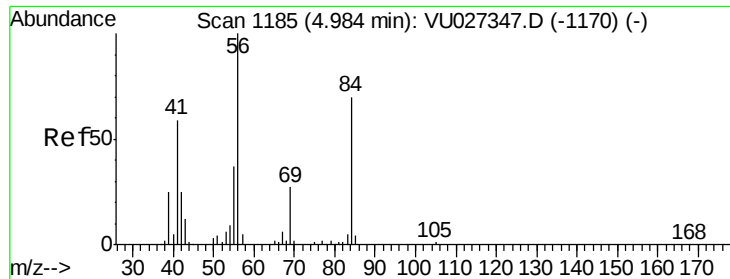
#18
 2-Butanone
 Concen: 9.575 ug/l
 RT: 4.29 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion:	43	Resp:	25539
Ion Ratio	Lower	Upper	
43	100		
57	6.9	0.0	14.4



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





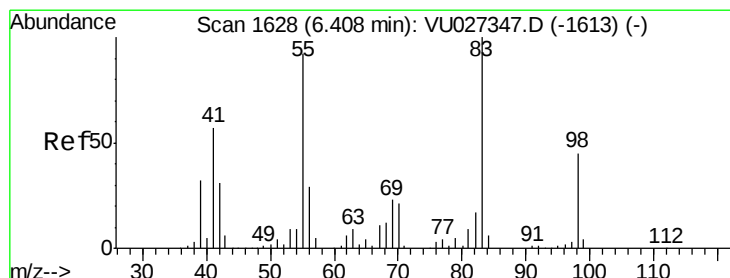
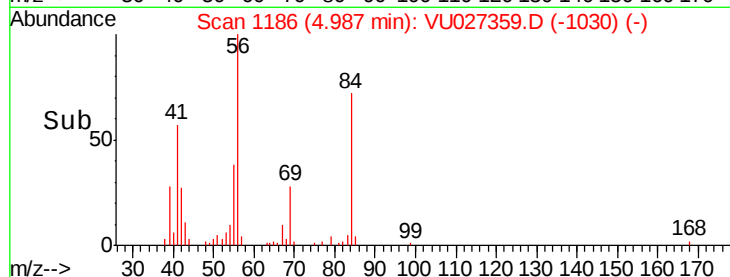
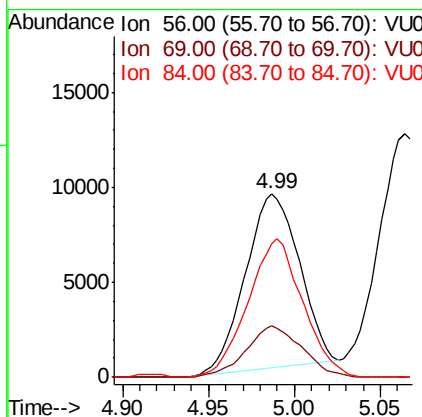
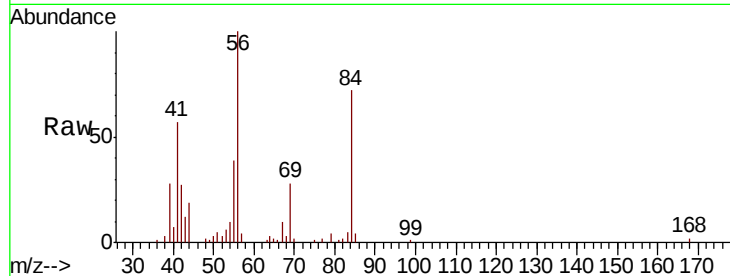
#19
Cyclohexane
Concen: 1.872 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	80.9	63.0	94.6

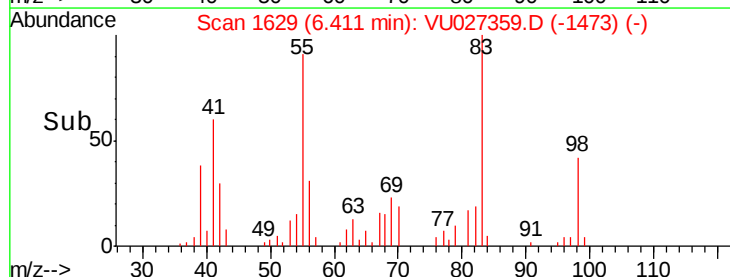
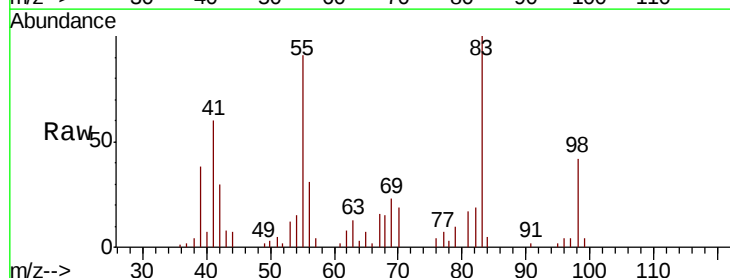
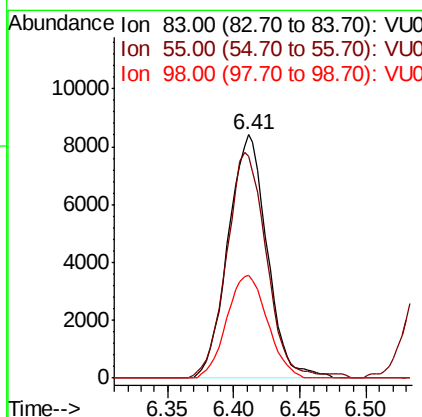
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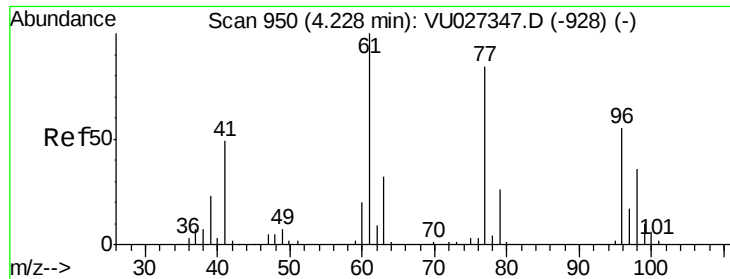
apatel
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#20
Methylcyclohexane
Concen: 1.789 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
55	92.0	71.6	107.4
98	44.0	35.8	53.6





#21

2,2-Dichloropropane

Concen: 1.934 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 77 Resp: 23467

Ion Ratio Lower Upper

77 100

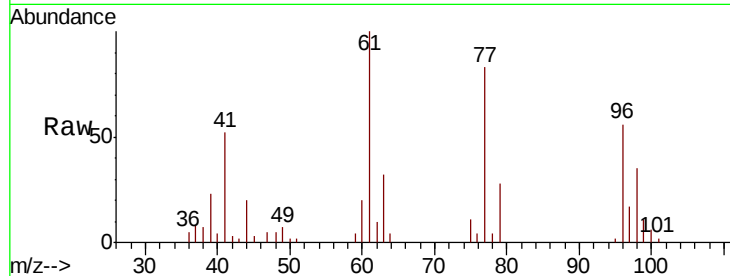
97 19.5 16.0 24.0

Manual Integrations

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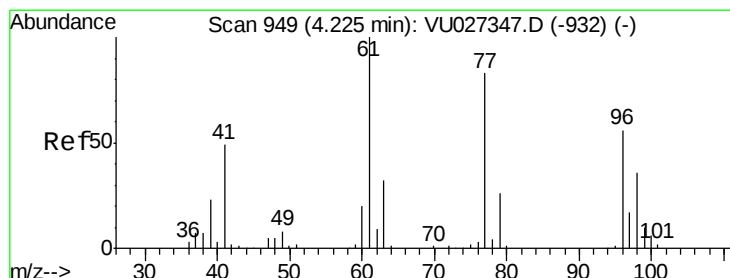
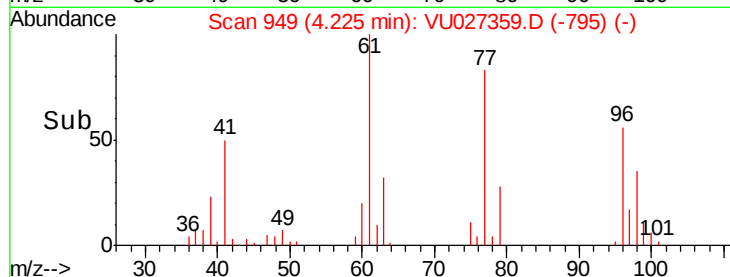
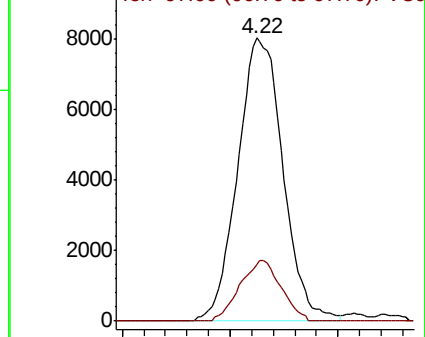
apatel

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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.935 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

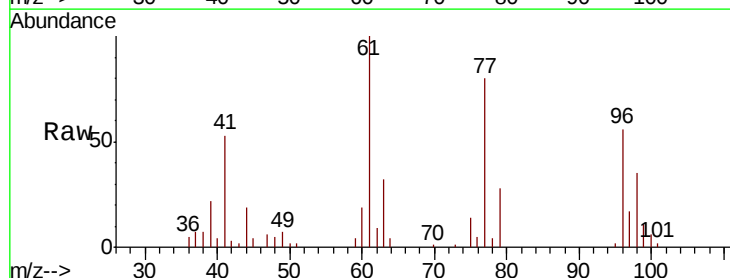
Tgt Ion: 96 Resp: 13683

Ion Ratio Lower Upper

96 100

61 183.1 0.0 461.8

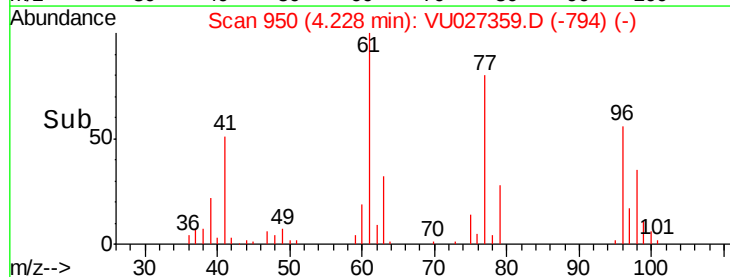
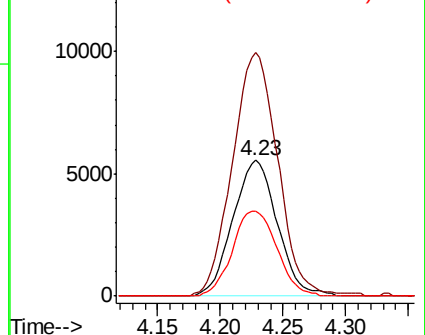
98 62.4 32.5 97.4

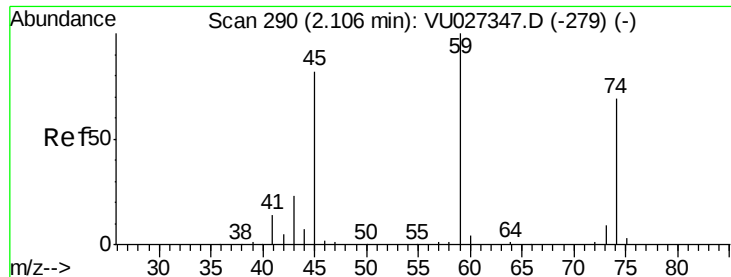


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 1.868 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

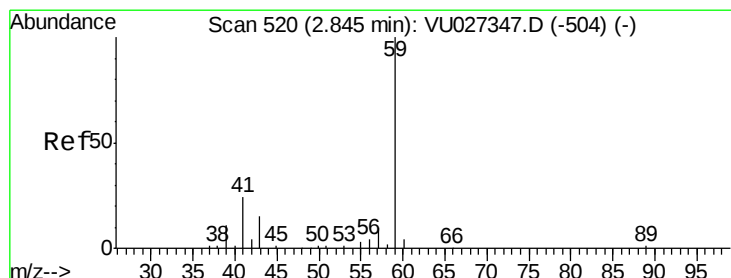
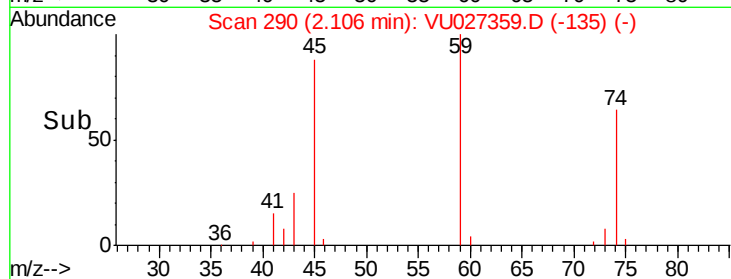
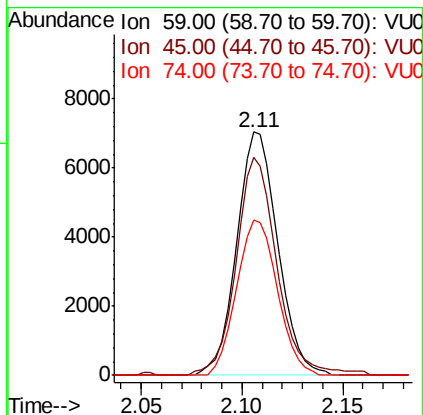
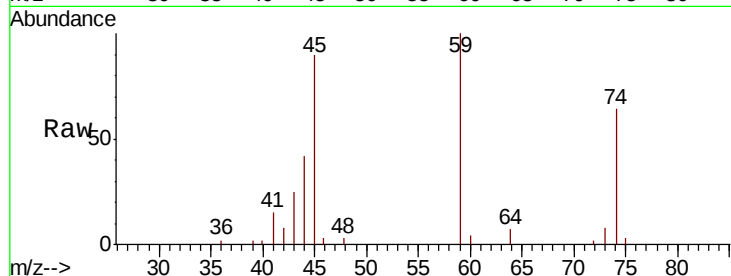
ClientSampleId :

VU1003WBS02

Tot Ion:	59	Resp:	10058
Ion	Ratio	Lower	Upper
59	100		
45	89.4	65.2	97.8
74	63.3	54.2	81.4

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#24

tert-Butyl Alcohol

Concen: 18.037 ug/l

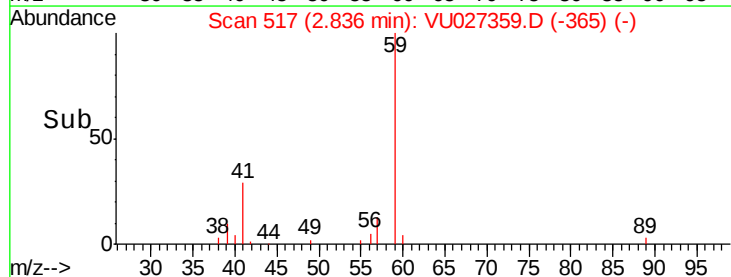
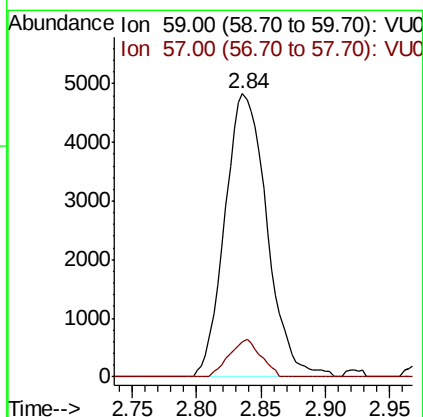
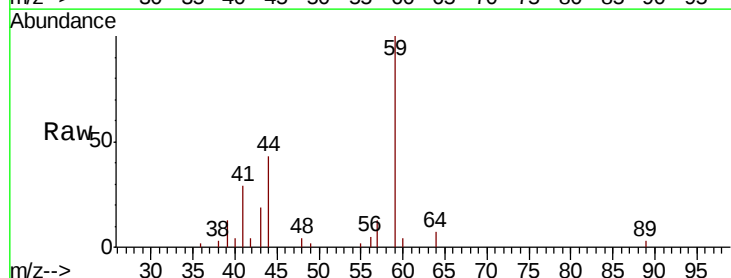
RT: 2.84 min Scan# 517

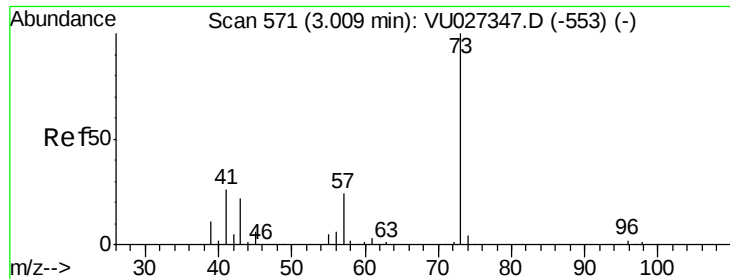
Delta R.T. -0.01 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Tgt Ion:	59	Resp:	10982
Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2





#25

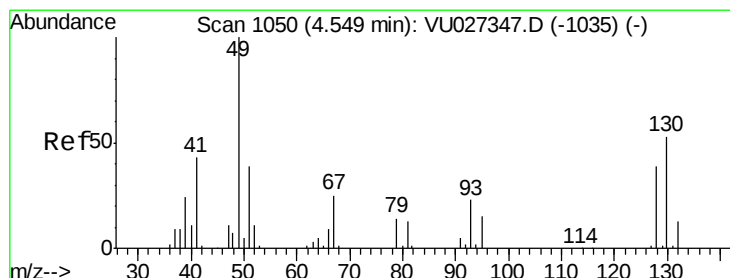
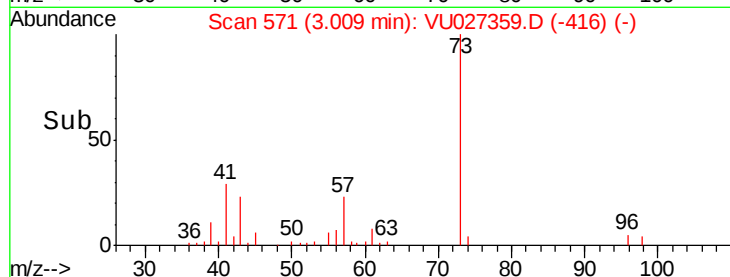
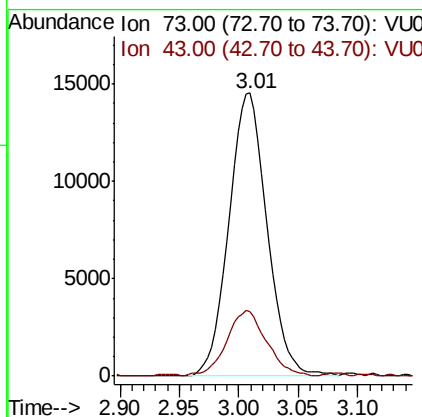
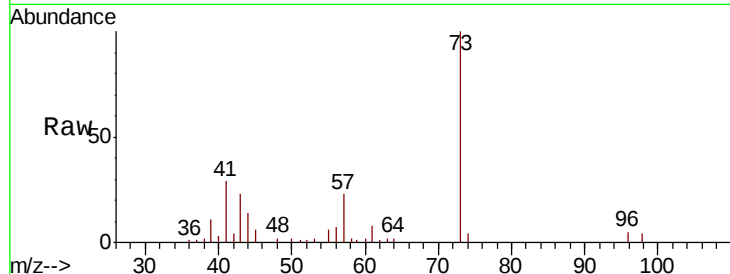
Methyl tert-Butyl Ether
 Concen: 1.917 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
43	24.4	17.6	26.4

Manual Integrations
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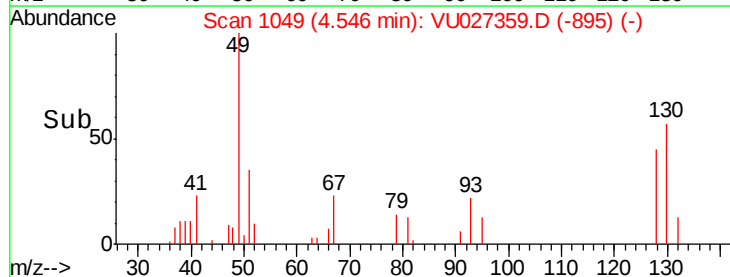
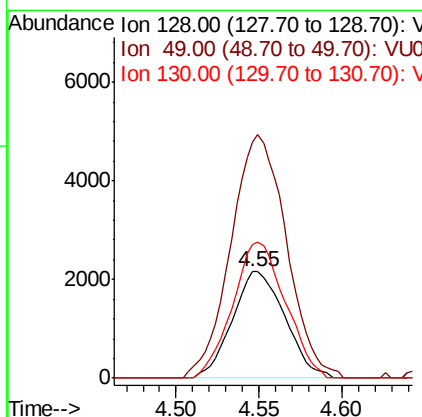
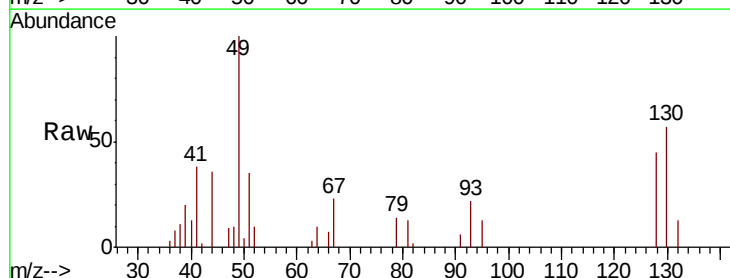
apatel
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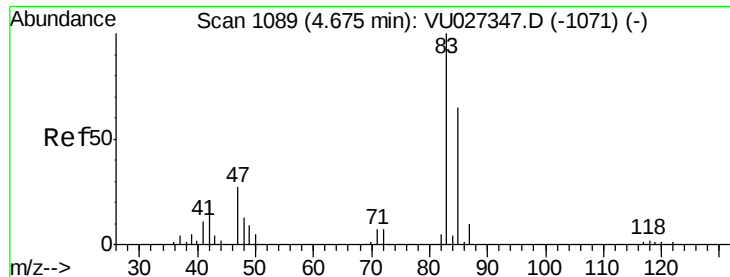


#26

Bromochloromethane
 Concen: 1.837 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
128	100		
49	241.2	0.0	498.8
130	127.9	103.8	155.8





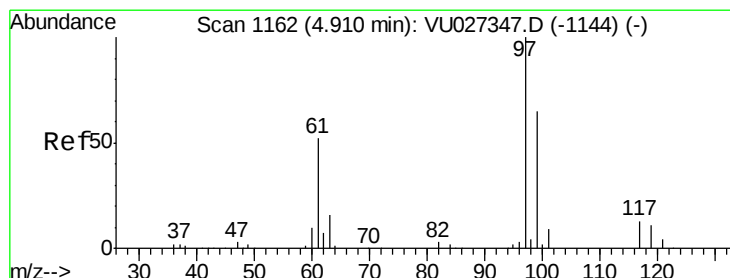
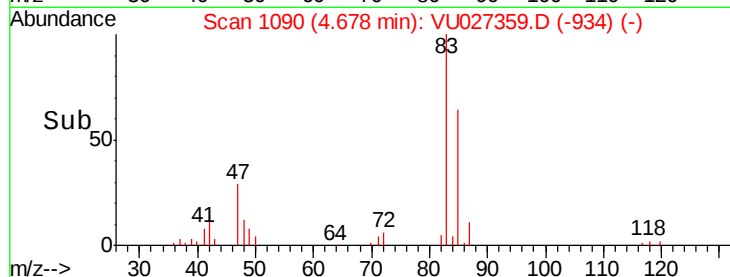
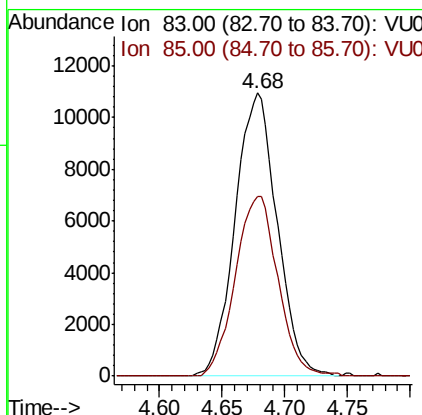
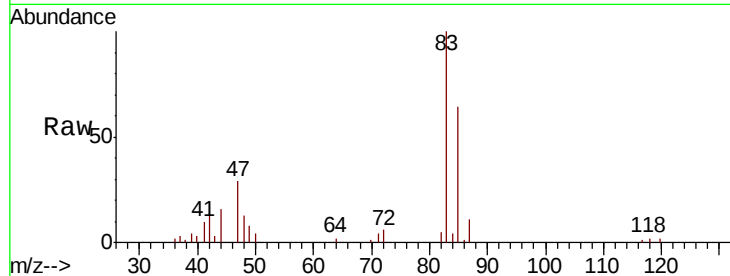
#27
Chloroform
Concen: 1.970 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion	83	Resp	25478
Ion Ratio	100	Lower	Upper
85	63.7	0.0	129.4

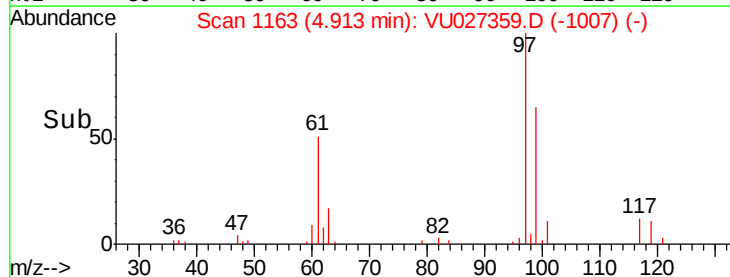
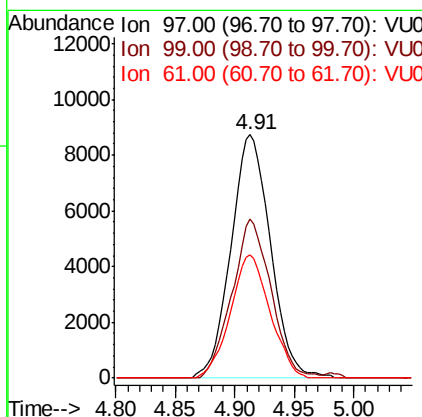
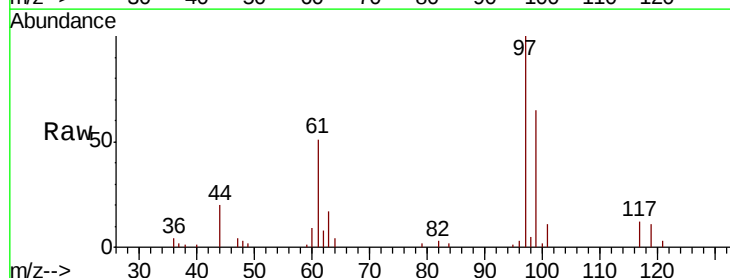
Manual Integrations
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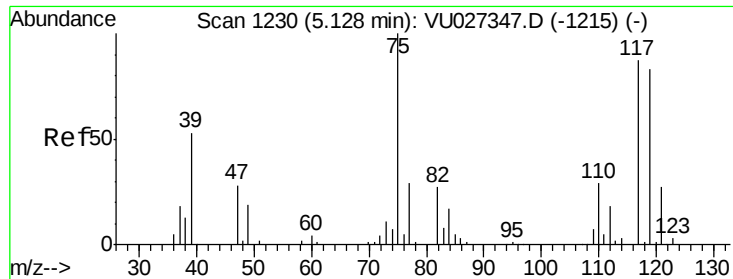
apatel
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#28
1,1,1-Trichloroethane
Concen: 1.922 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	97	Resp	20160
Ion Ratio	100	Lower	Upper
99	64.2	31.9	95.9
61	50.4	25.7	77.1





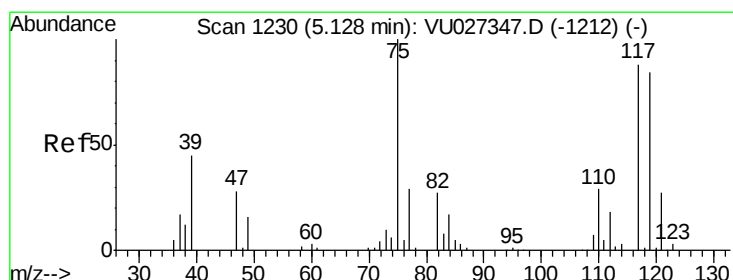
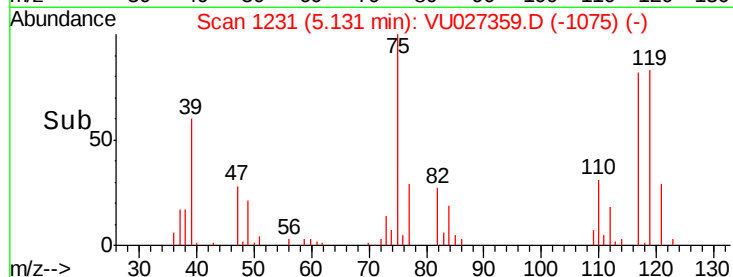
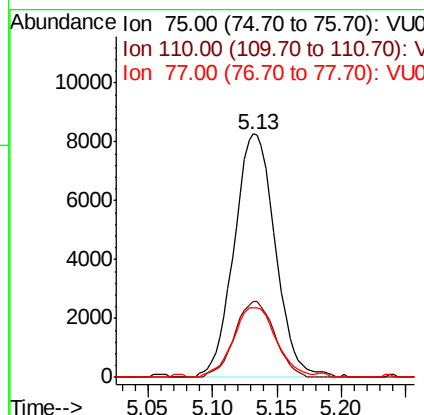
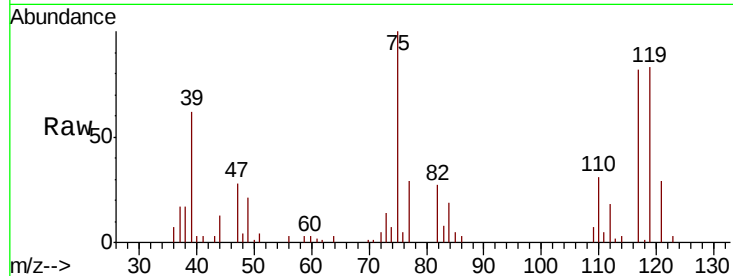
#29
 1,1-Dichloropropene
 Concen: 1.940 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.4	15.0	45.0
77	30.3	24.2	36.2

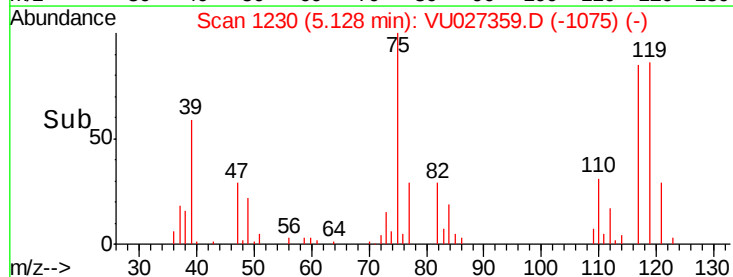
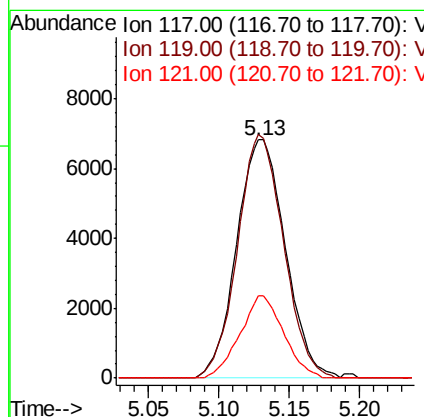
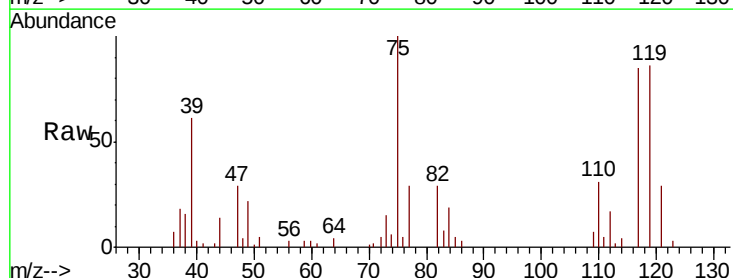
Manual Integrations
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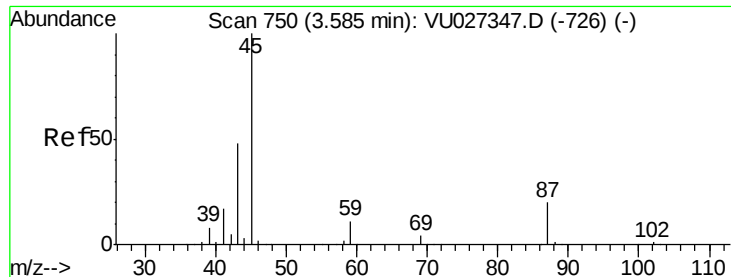
apatel
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#30
 Carbon Tetrachloride
 Concen: 1.897 ug/l
 RT: 5.13 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.2	75.9	113.9
121	34.4	24.6	37.0





#31

Isopropyl Ether

Concen: 1.802 ug/l

RT: 3.58 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampled :

VU1003WBS02

Tot Ion: 45 Resp: 48576

Ion Ratio Lower Upper

45 100

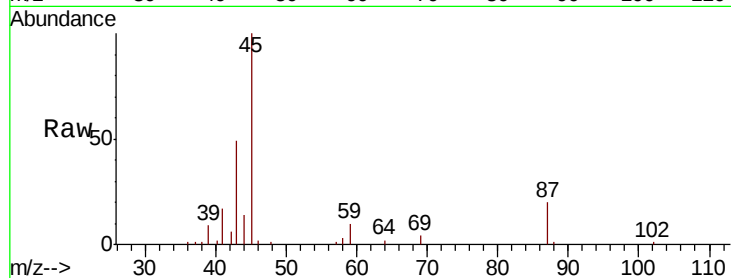
43 48.6 24.1 72.3

Manual Integrations

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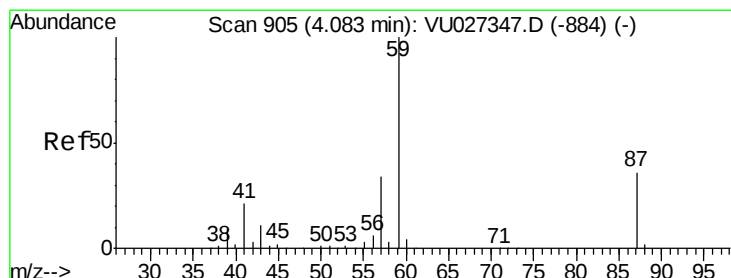
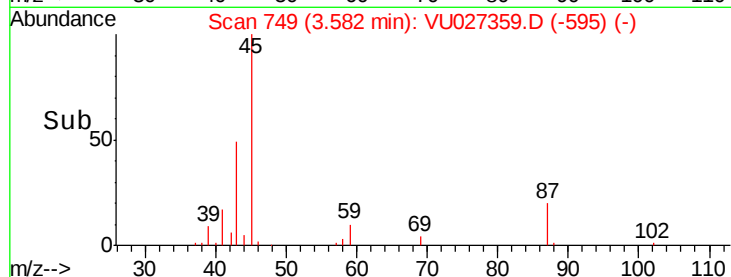
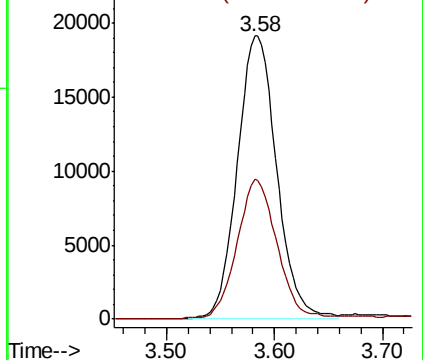
apatel

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Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.810 ug/l

RT: 4.08 min Scan# 905

Delta R.T. -0.00 min

Lab File: VU027359.D

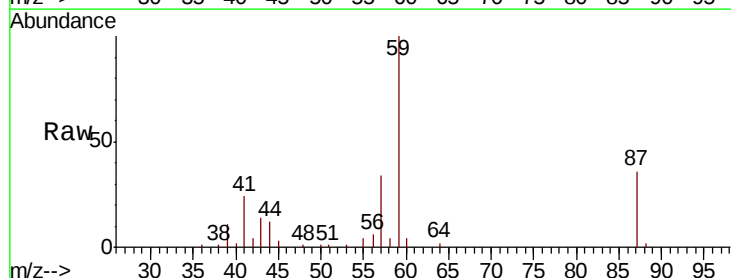
Acq: 03 Oct 2018 12:44

Tgt Ion: 59 Resp: 38073

Ion Ratio Lower Upper

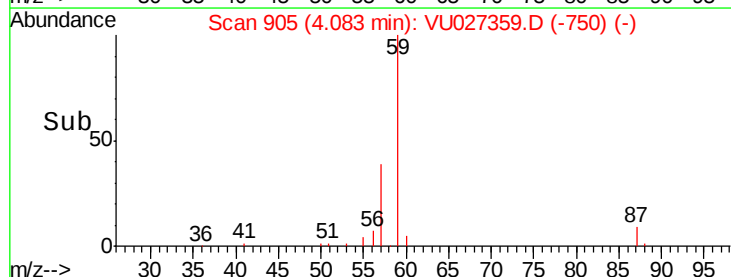
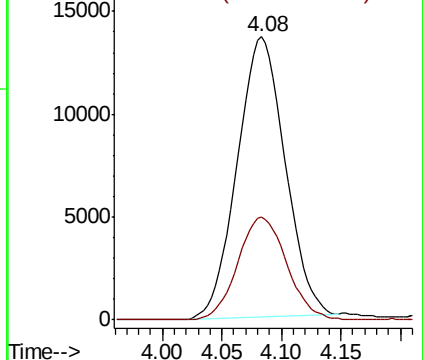
59 100

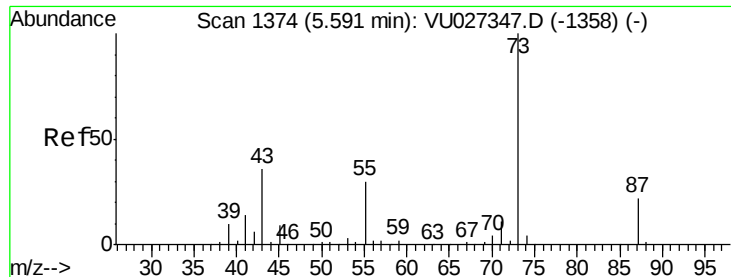
87 37.3 28.6 42.8



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





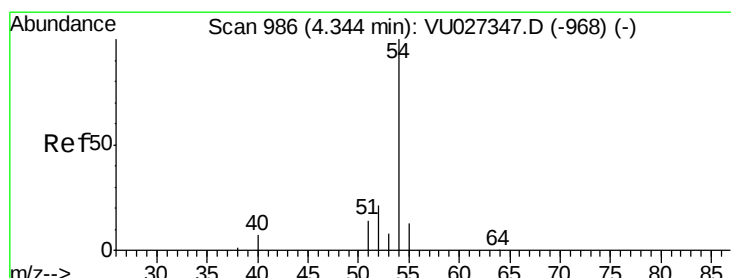
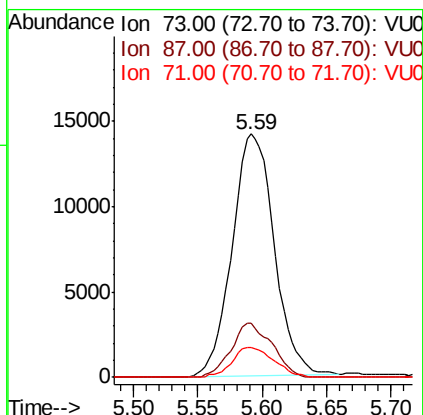
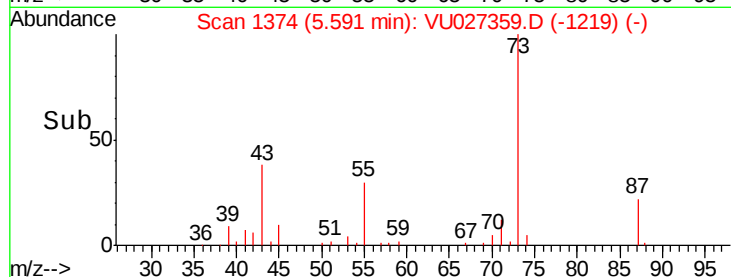
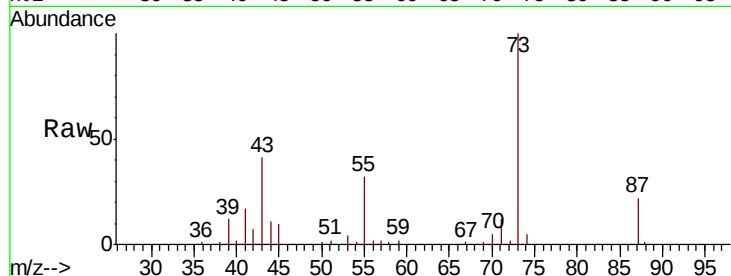
#33
Tert-Amvl methvl ether
Concen: 1.910 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion: 73 Resp: 32179
Ion Ratio Lower Upper
73 100
87 21.7 18.1 27.1
71 12.3 9.2 13.8

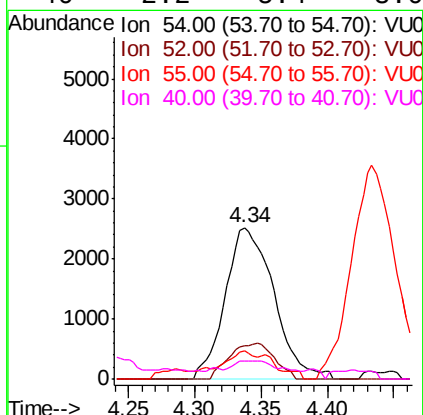
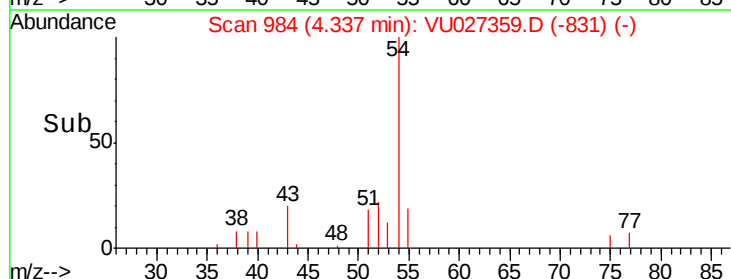
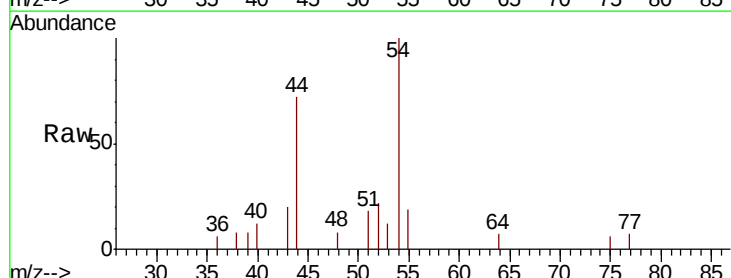
Manual Integrations
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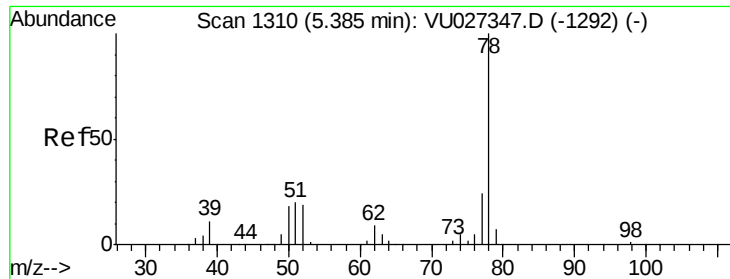
apatel
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#34
Propionitrile
Concen: 9.318 ug/l
RT: 4.34 min Scan# 984
Delta R.T. -0.01 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion: 54 Resp: 6411
Ion Ratio Lower Upper
54 100
52 21.8 16.9 25.3
55 8.0 13.9 20.9#
40 2.2 5.4 8.0#





#35

Benzene

Concen: 1.919 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 78 Resp: 53013

Ion Ratio Lower Upper

78 100

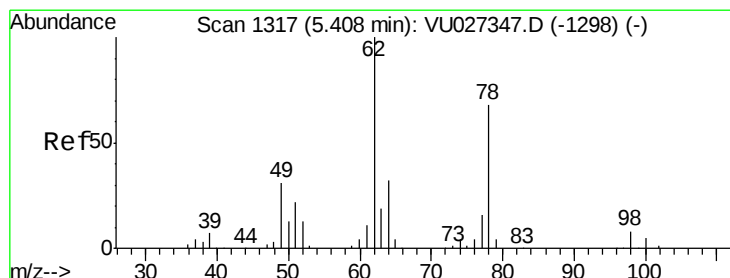
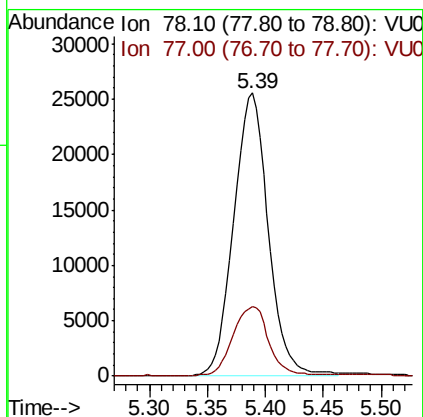
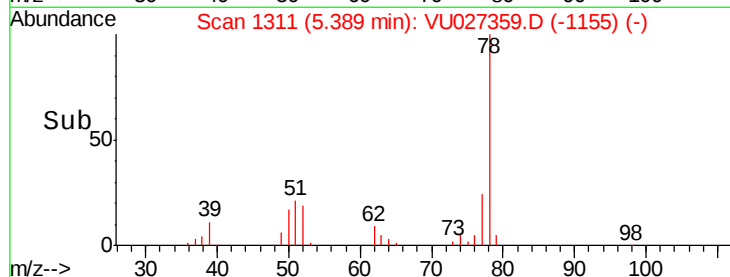
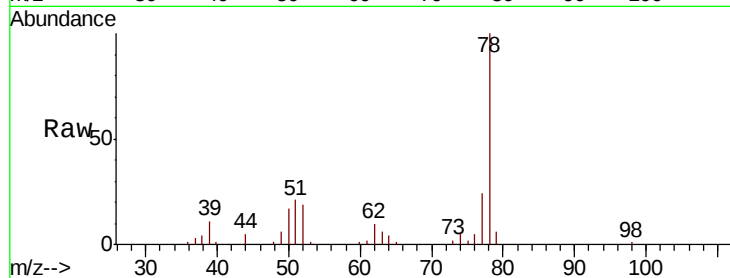
77 24.4 19.5 29.3

Manual Integrations

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#36

1,2-Dichloroethane

Concen: 1.934 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU027359.D

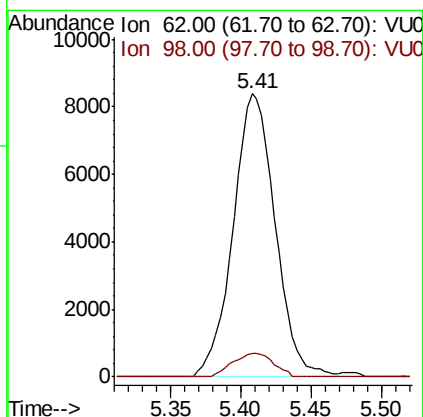
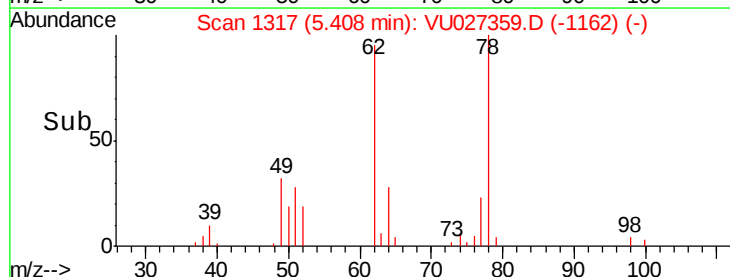
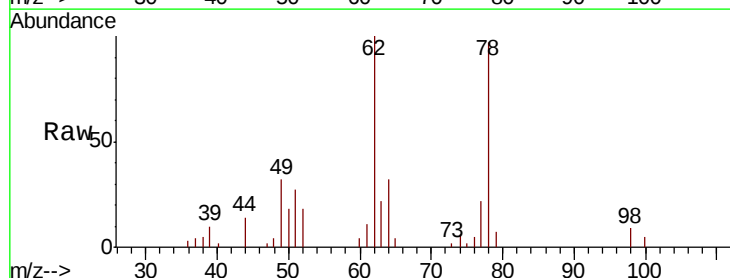
Acq: 03 Oct 2018 12:44

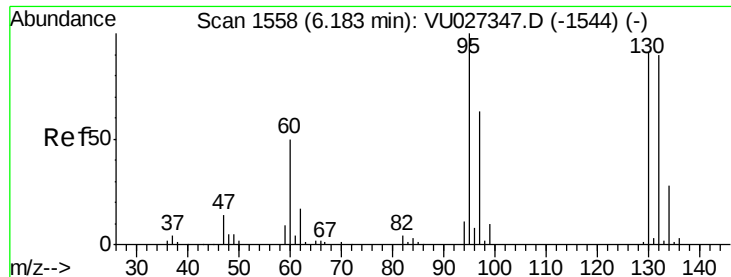
Tgt Ion: 62 Resp: 17519

Ion Ratio Lower Upper

62 100

98 8.1 6.2 9.2





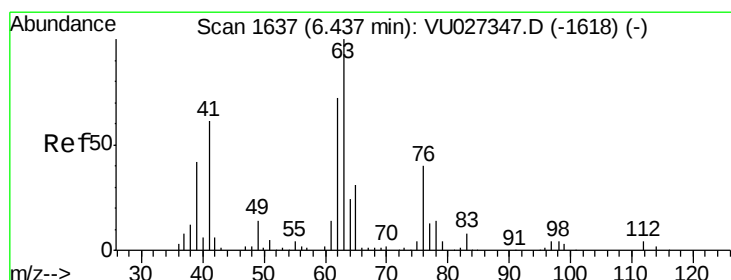
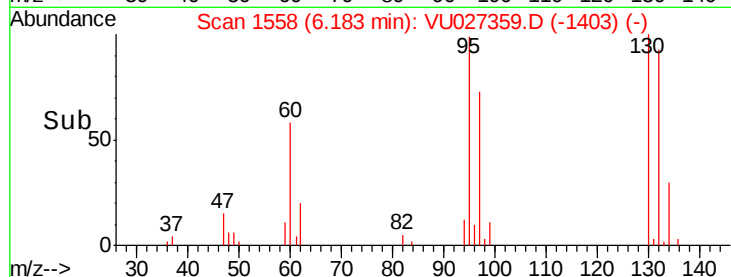
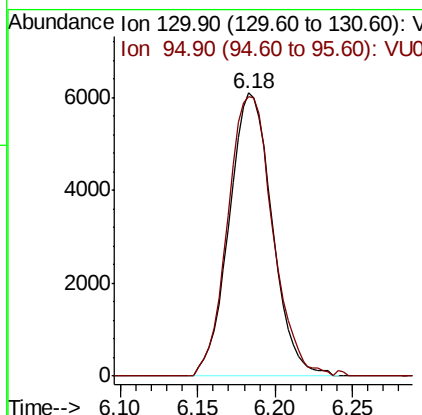
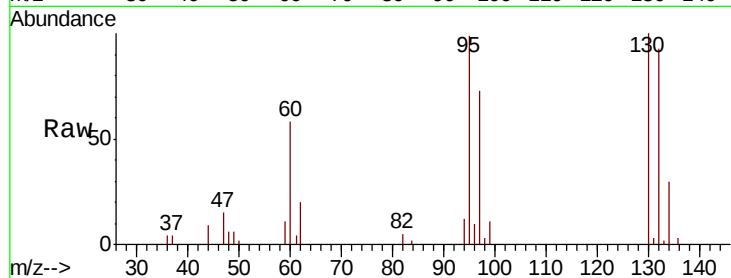
#37
 Trichloroethene
 Concen: 1.923 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion:130 Resp: 11792
 Ion Ratio Lower Upper
 130 100
 95 98.6 87.6 131.4

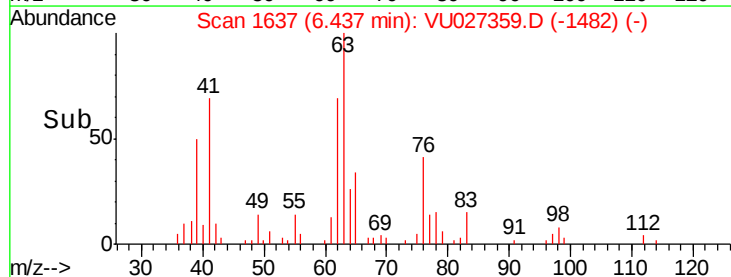
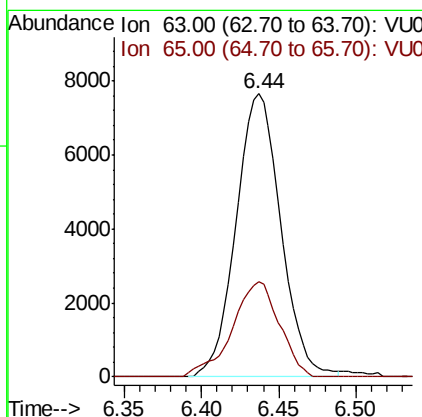
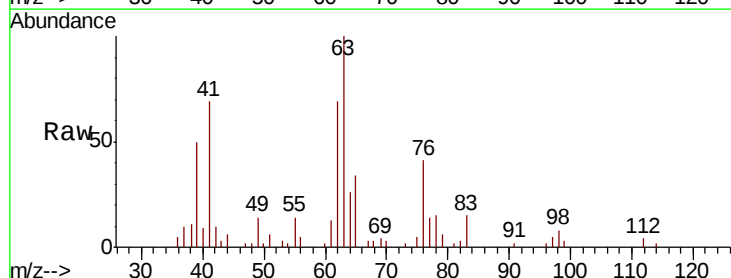
Manual Integrations
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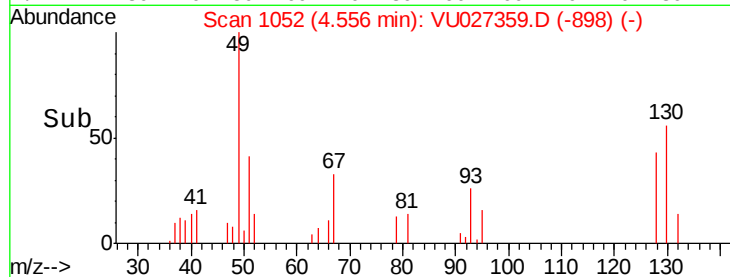
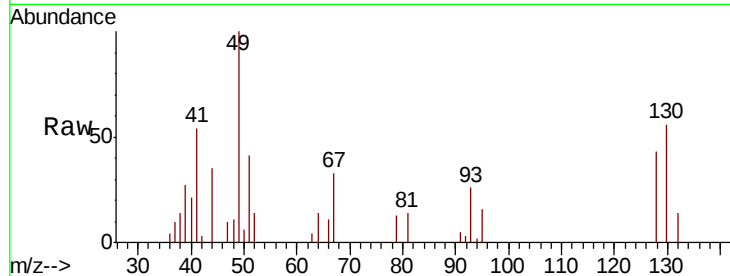
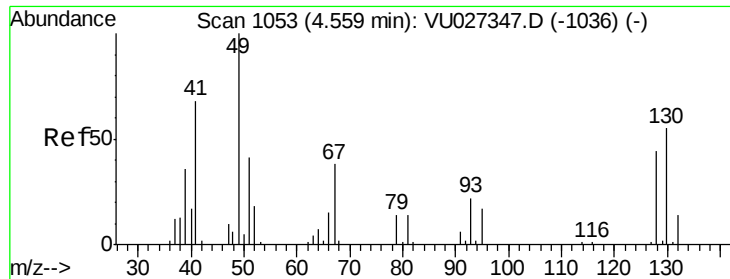
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#38
 1,2-Dichloropropane
 Concen: 1.844 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion: 63 Resp: 15402
 Ion Ratio Lower Upper
 63 100
 65 33.8 24.9 37.3





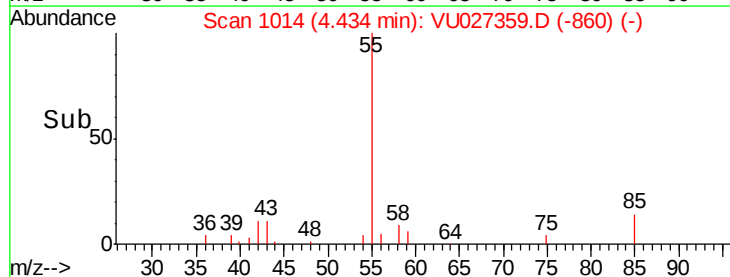
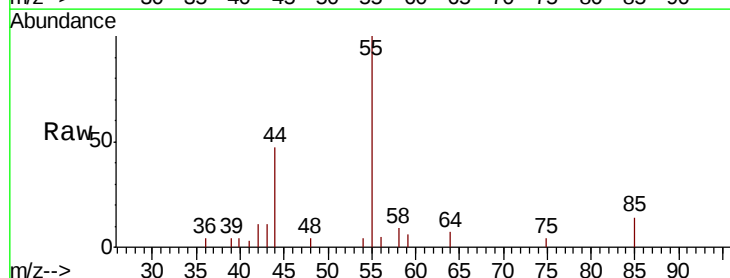
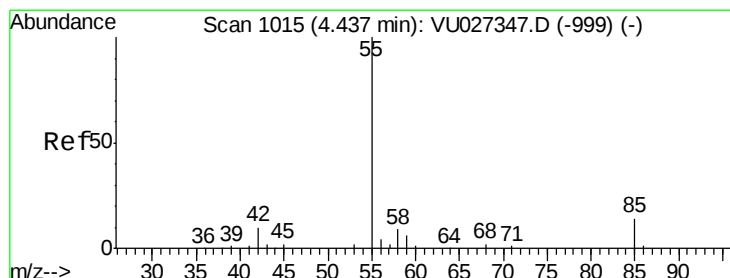
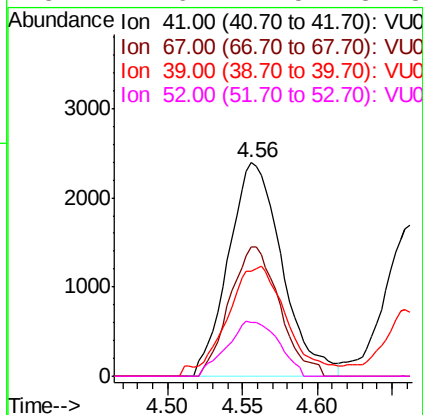
#39
Methacrylonitrile
Concen: 1.659 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tot Ion	41	Resp	5975
Ion	Ratio	Lower	Upper
41	100		
67	56.3	46.2	69.2
39	57.9	43.8	65.6
52	24.6	21.5	32.3

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

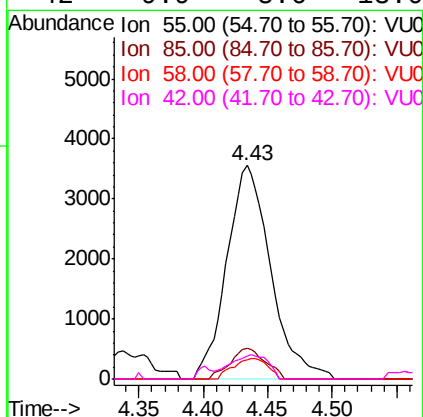
Manual Integrations
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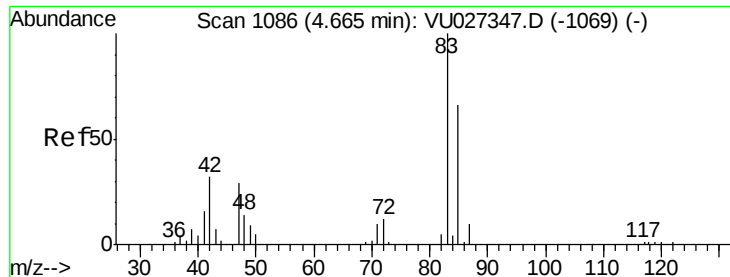
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#40
Methyl acrylate
Concen: 1.832 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	55	Resp	8397
Ion	Ratio	Lower	Upper
55	100		
85	11.5	11.8	17.8#
58	7.5	7.3	10.9
42	9.9	8.6	13.0





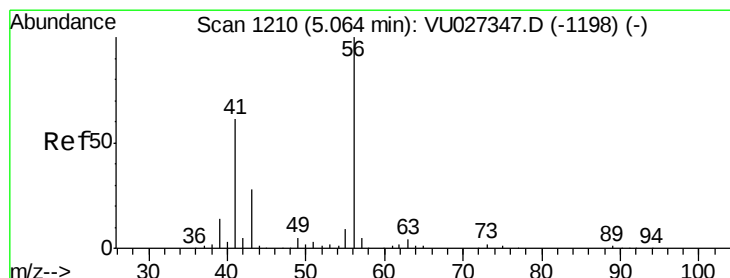
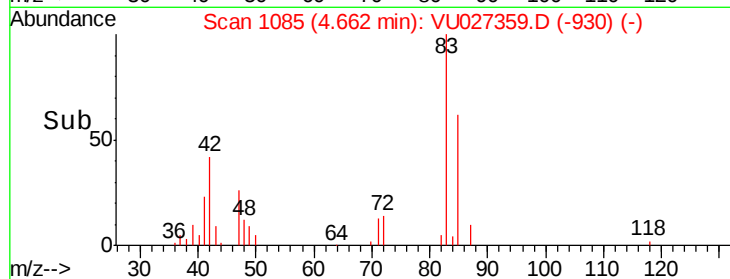
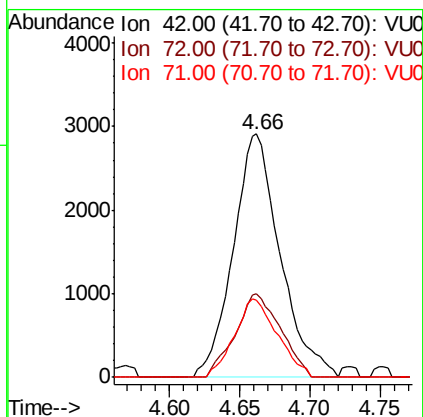
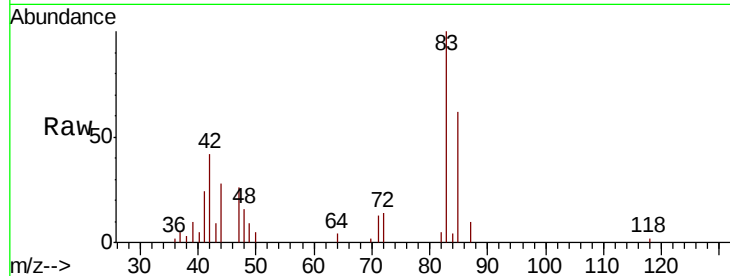
#41
Tetrahydrofuran
Concen: 3.652 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.0	29.2	43.8
71	29.4	25.8	38.8

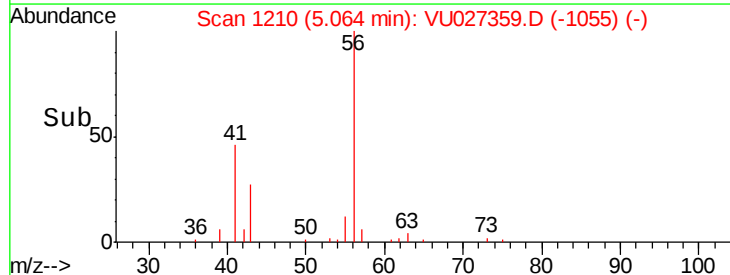
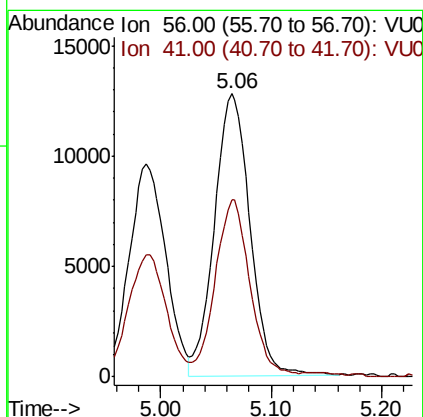
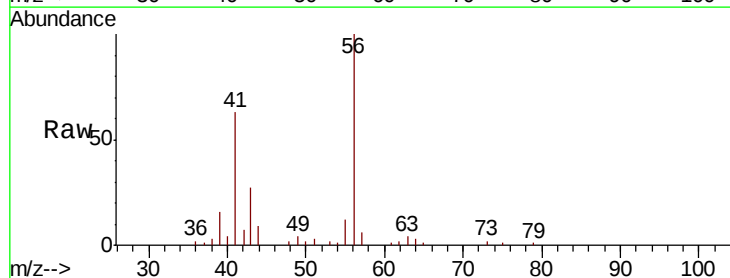
Manual Integrations
APPROVED

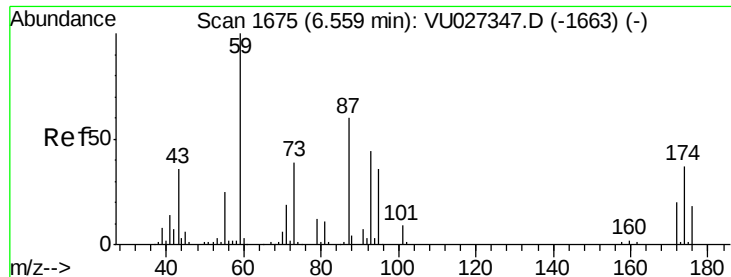
apatel
10/5/2018 11:57:06 AM



#42
1-Chlorobutane
Concen: 1.869 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
56	100		
41	59.6	28.7	86.3





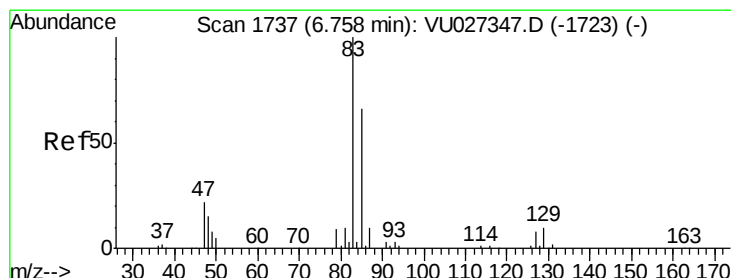
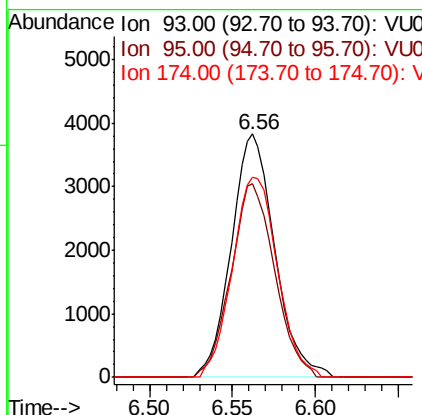
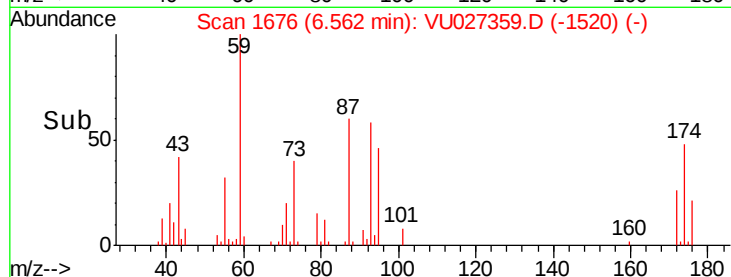
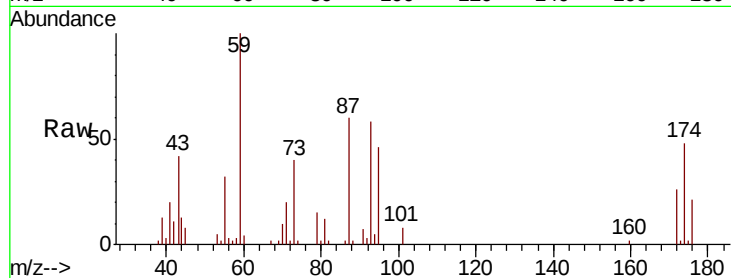
#43
Dibromomethane
Concen: 2.010 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion: 93 Resp: 6983
Ion Ratio Lower Upper
93 100
95 79.8 64.7 97.1
174 85.1 68.2 102.4

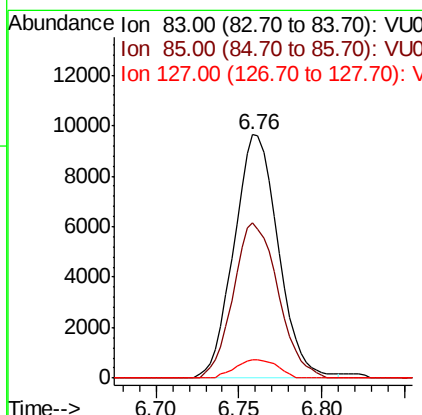
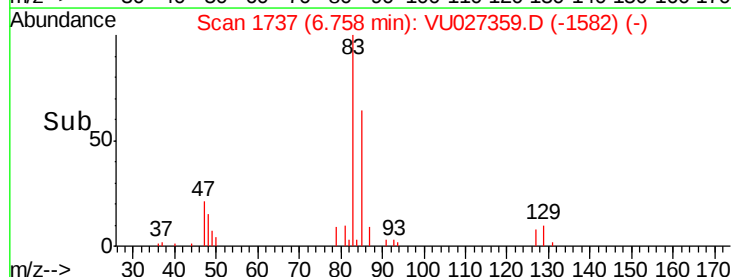
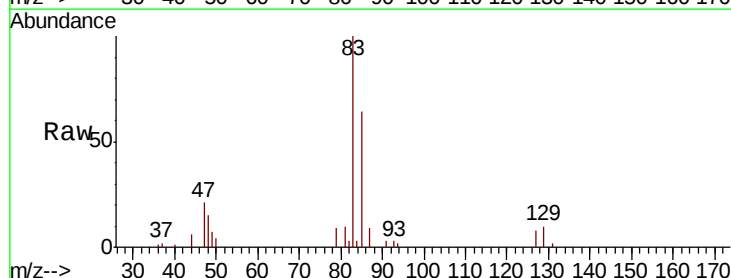
Manual Integrations
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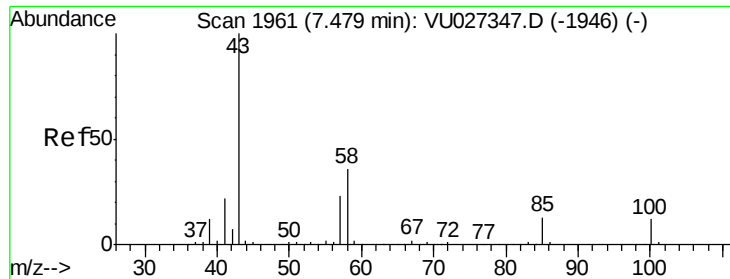
apatel
10/5/2018 11:57:06 AM



#44
Bromodichloromethane
Concen: 1.897 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion: 83 Resp: 17882
Ion Ratio Lower Upper
83 100
85 63.5 52.6 79.0
127 7.6 6.2 9.2





#45

4-Methyl-2-Pentanone

Concen: 8.425 ug/l

RT: 7.48 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

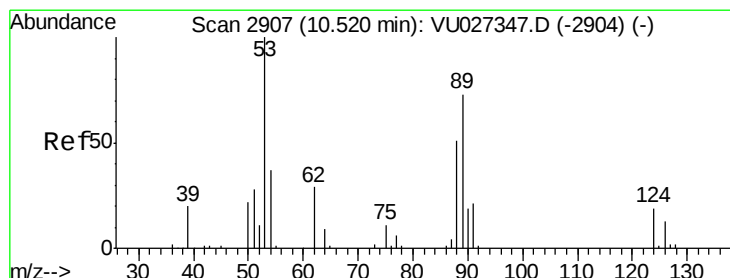
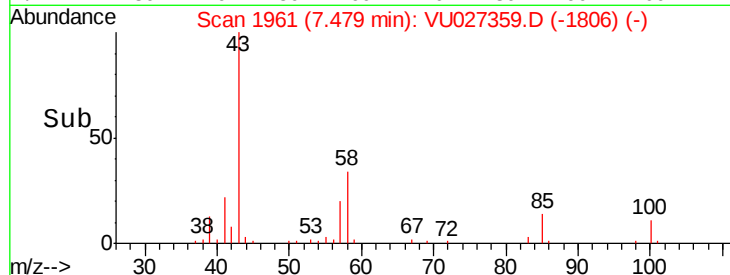
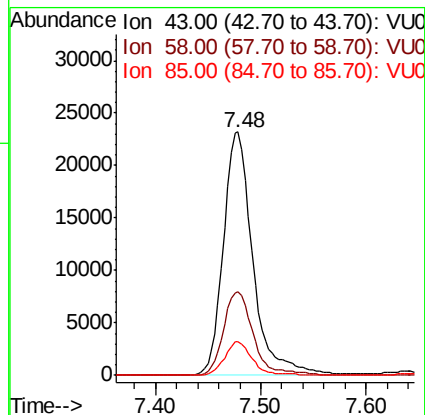
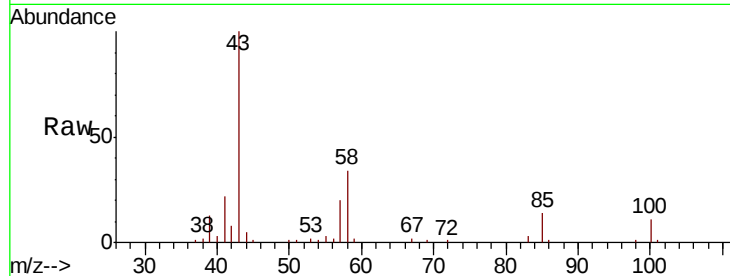
ClientSampleId :

VU1003WBS02

Tot Ion:	43	Resp:	45078
Ion	Ratio	Lower	Upper
43	100		
58	34.6	17.9	53.8
85	12.8	10.6	16.0

Manual Integrations
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apatel
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#46

t-1,4-Dichloro-2-butene

Concen: 3.658 ug/l m

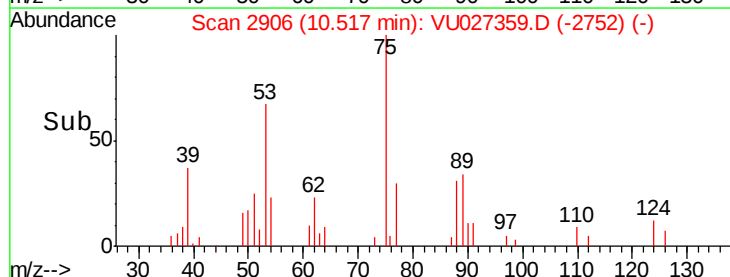
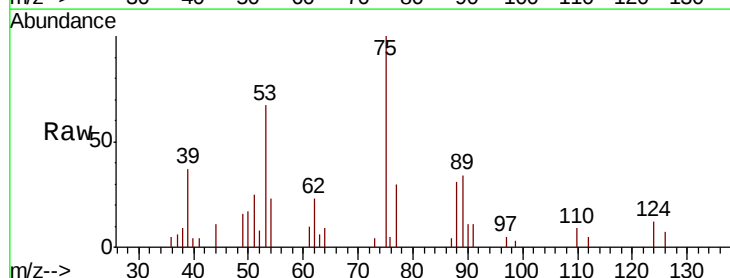
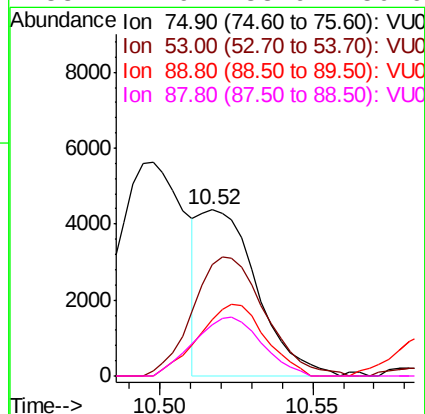
RT: 10.52 min Scan# 2906

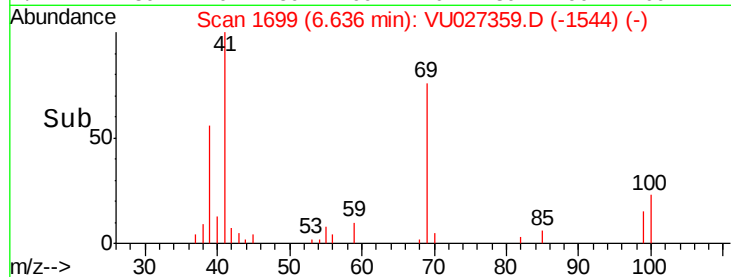
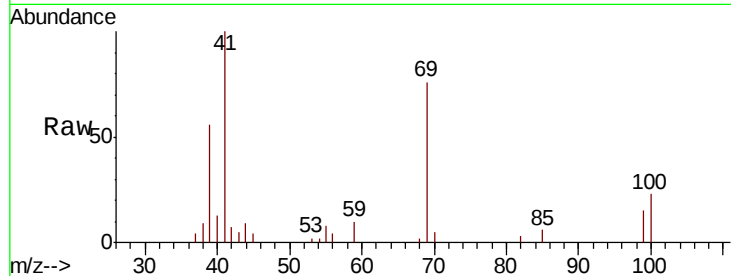
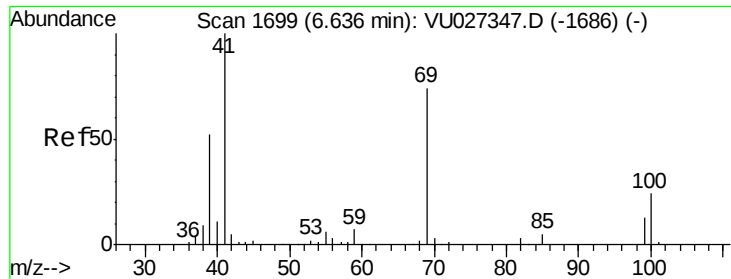
Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Tgt Ion:	75	Resp:	5675
Ion	Ratio	Lower	Upper
75	100		
53	89.9	75.7	113.5
89	50.0	42.6	64.0
88	41.9	33.9	50.9





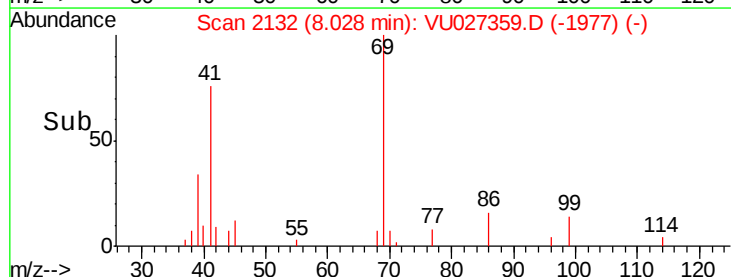
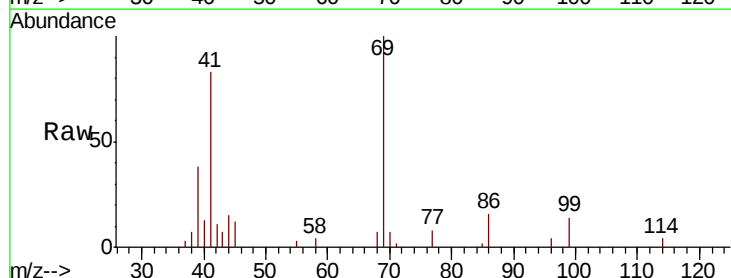
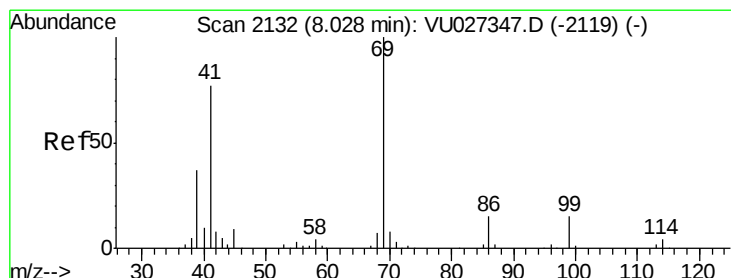
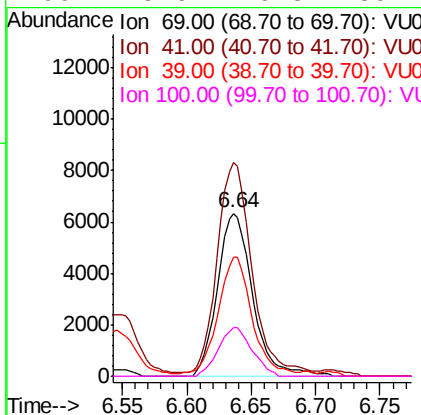
#47
Methyl methacrylate
Concen: 3.425 ug/l
RT: 6.64 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tot Ion	Ratio	Lower	Upper
69	100		
41	125.3	0.0	272.2
39	67.3	56.4	84.6
100	28.6	26.5	39.7

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

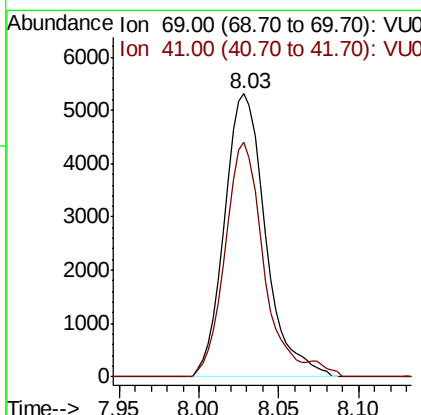
Manual Integrations
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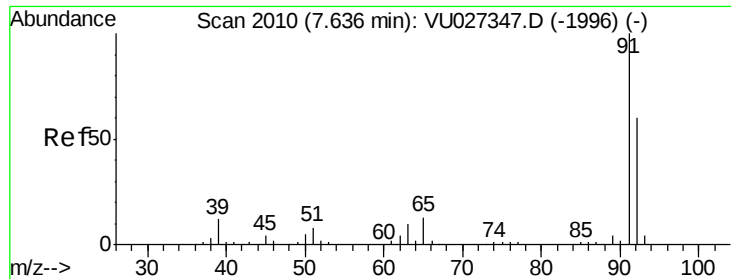
apatel
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#48
Ethyl methacrylate
Concen: 1.533 ug/l
RT: 8.03 min Scan# 2132
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	38.9	116.7





#49

Toluene

Concen: 1.671 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 92 Resp: 25237

Ion Ratio Lower Upper

92 100

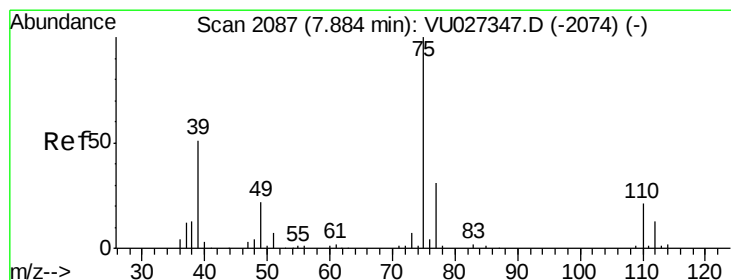
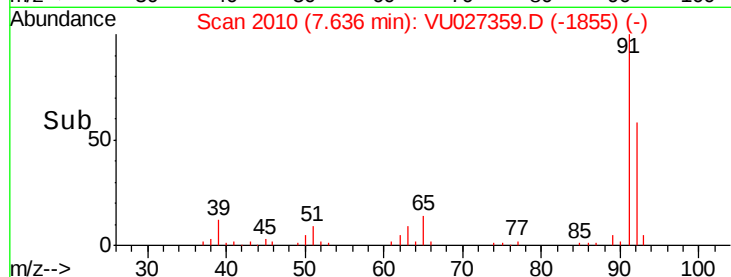
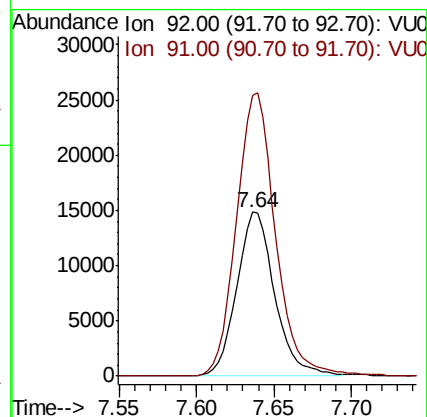
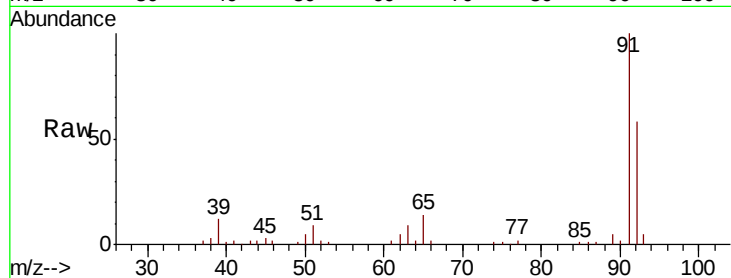
91 178.2 136.4 204.6

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.758 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027359.D

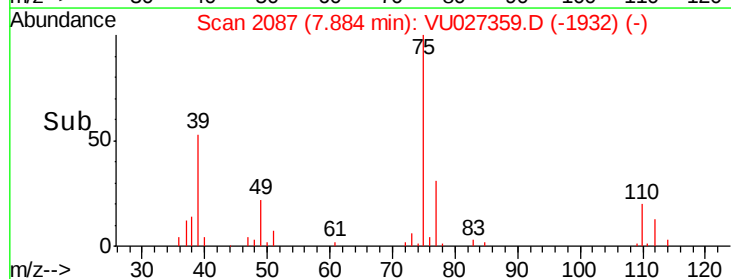
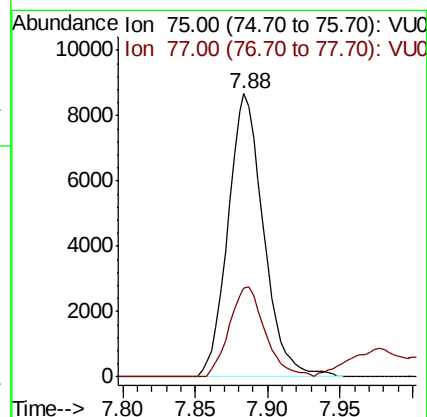
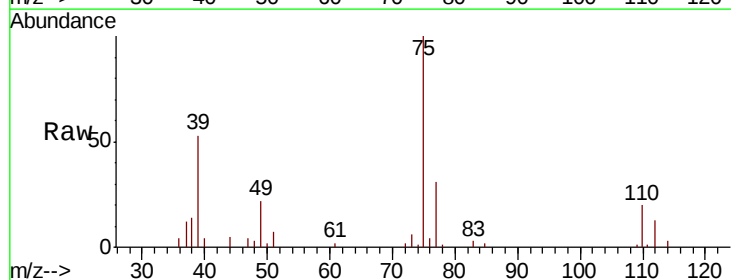
Acq: 03 Oct 2018 12:44

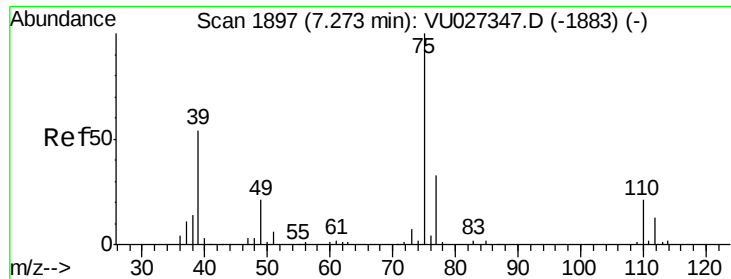
Tgt Ion: 75 Resp: 14718

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8





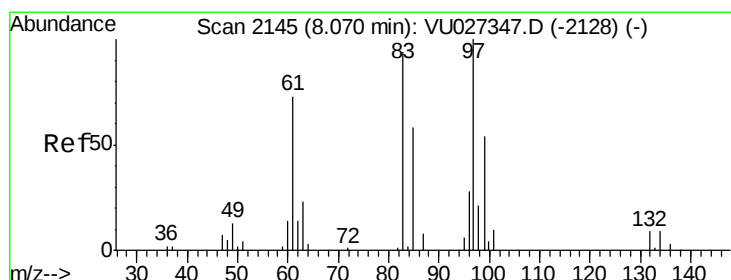
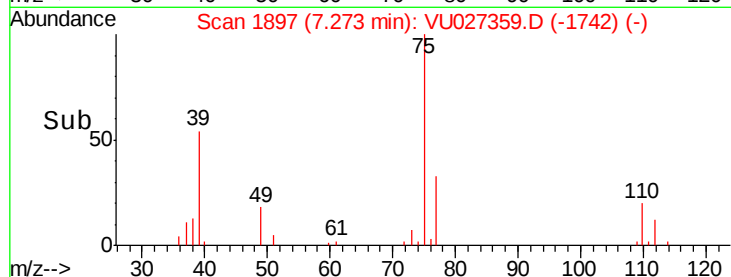
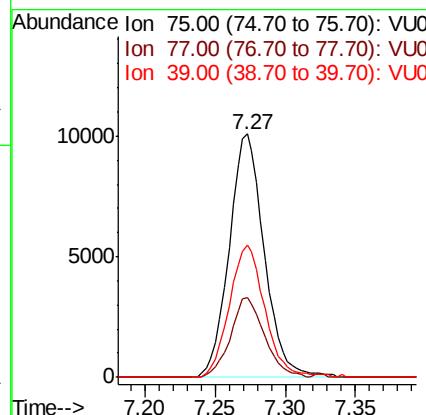
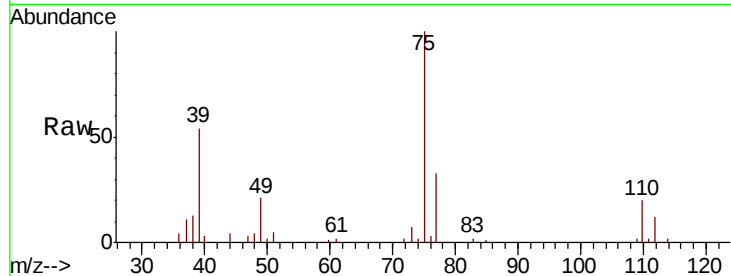
#51
 cis-1,3-Dichloropropene
 Concen: 1.743 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleID :
 VU1003WBS02

Tot Ion:	75	Resp:	17486
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.1	39.1
39	54.5	43.1	64.7

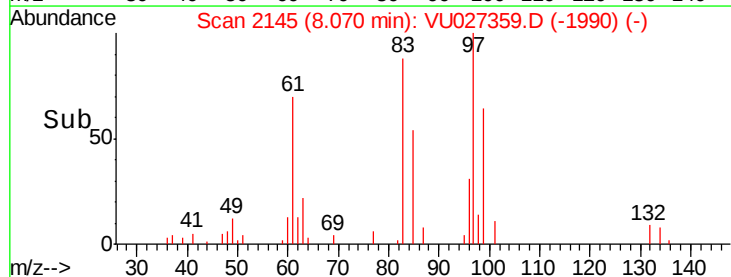
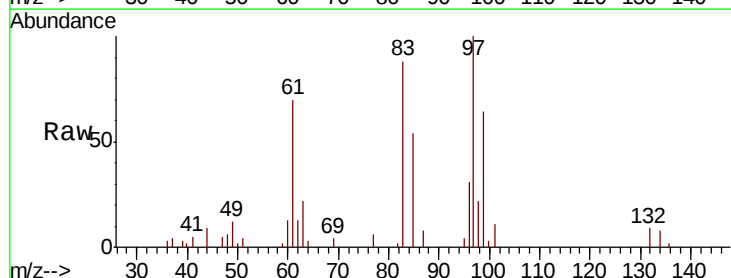
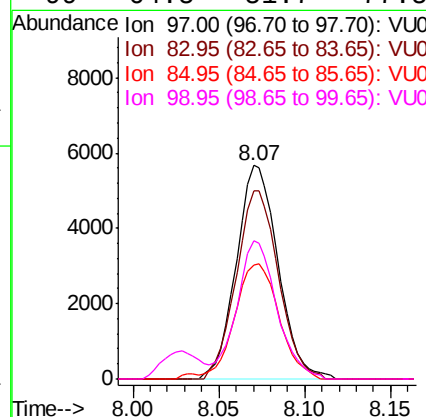
Manual Integrations
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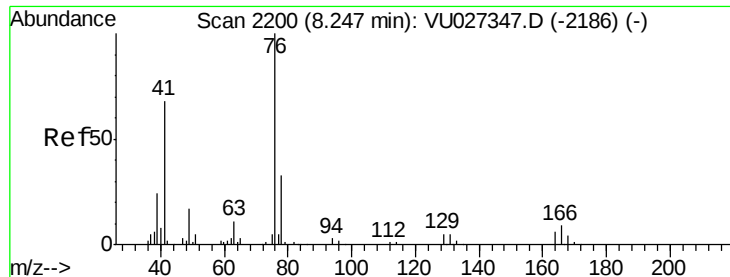
apatel
 10/5/2018 11:57:06 AM



#52
 1,1,2-Trichloroethane
 Concen: 1.962 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion:	97	Resp:	9594
Ion	Ratio	Lower	Upper
97	100		
83	87.9	75.3	112.9
85	53.6	47.3	70.9
99	64.5	51.7	77.5





#53

1,3-Dichloropropane

Concen: 1.790 ug/l

RT: 8.25 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 76 Resp: 16604

Ion Ratio Lower Upper

76 100

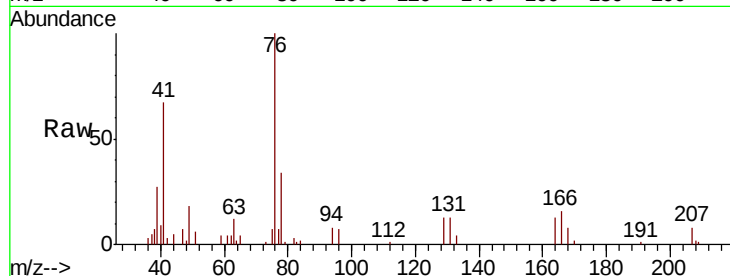
78 33.1 25.7 38.5

Manual Integrations

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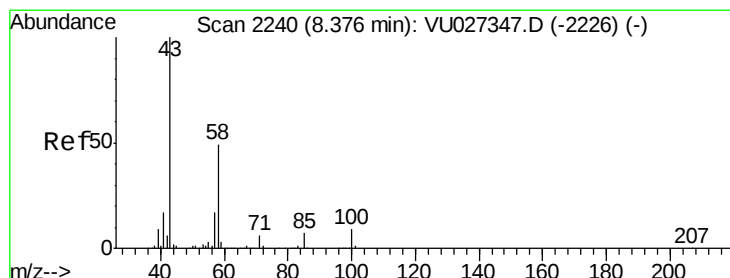
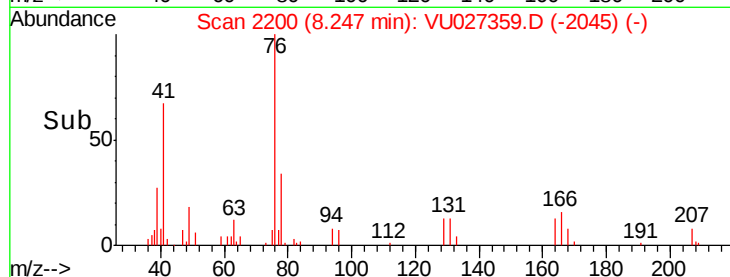
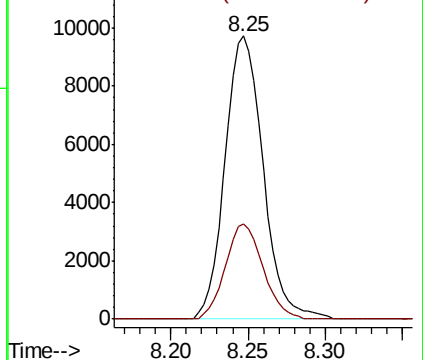
apatel

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Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 8.484 ug/l

RT: 8.38 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

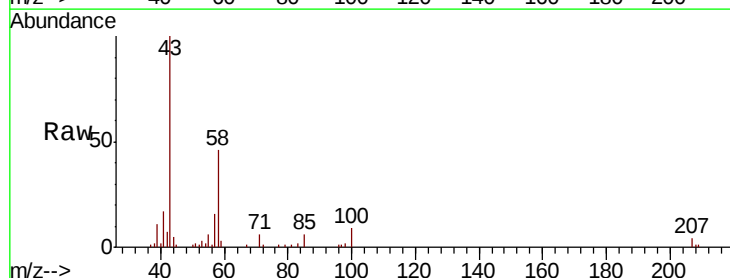
Tgt Ion: 43 Resp: 31366

Ion Ratio Lower Upper

43 100

58 45.2 29.5 69.5

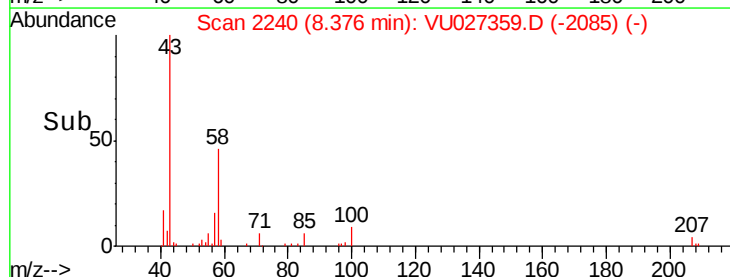
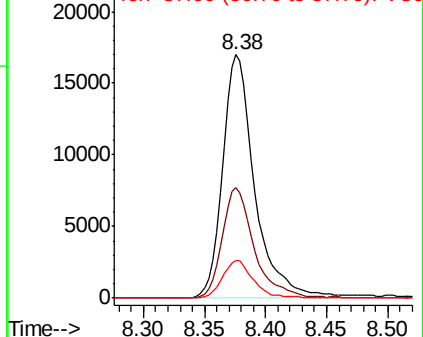
57 14.7 0.0 37.0

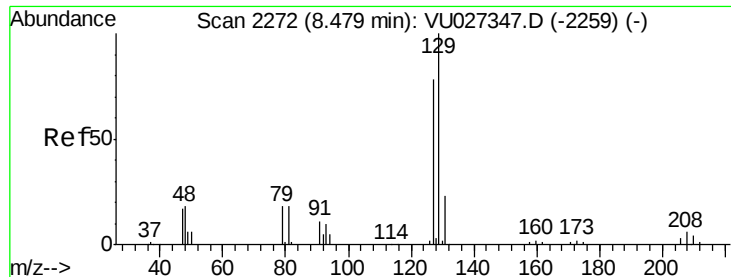


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 1.945 ug/l

RT: 8.48 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion:129 Resp: 10502

Ion Ratio Lower Upper

129 100

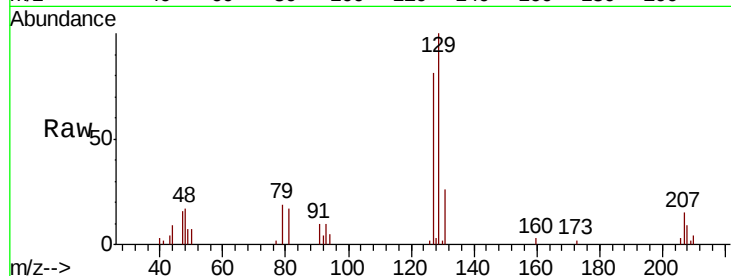
127 75.9 61.8 92.8

Manual Integrations

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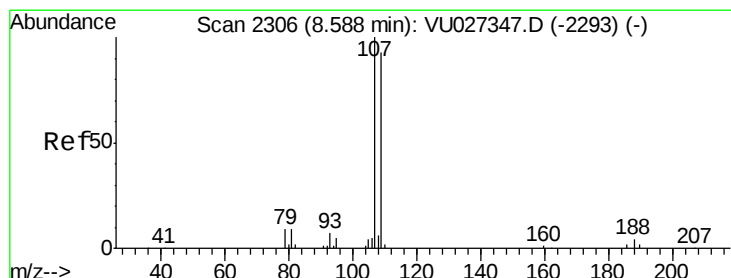
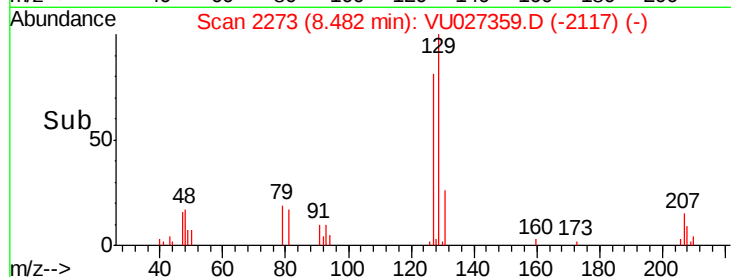
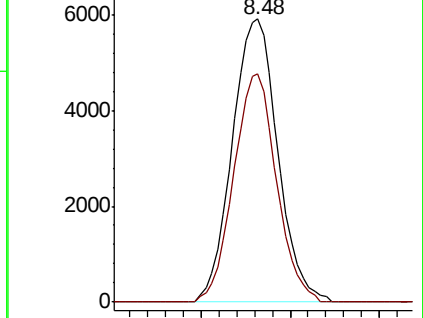
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.852 ug/l

RT: 8.59 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VU027359.D

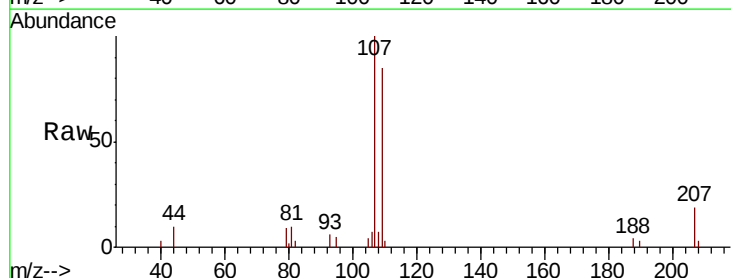
Acq: 03 Oct 2018 12:44

Tgt Ion:107 Resp: 8007

Ion Ratio Lower Upper

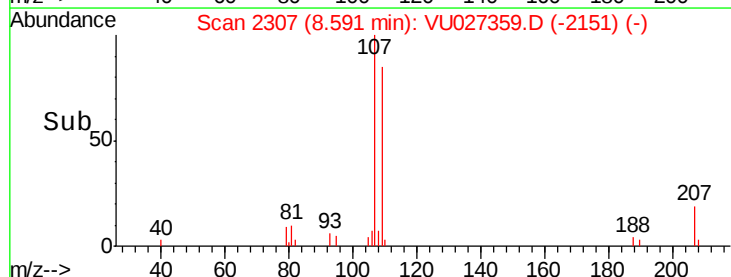
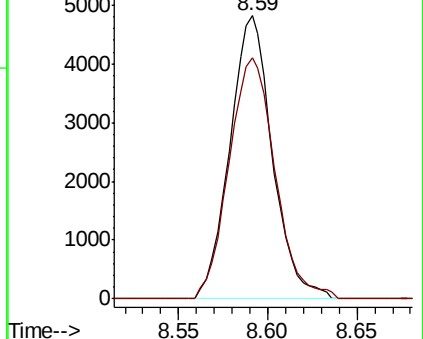
107 100

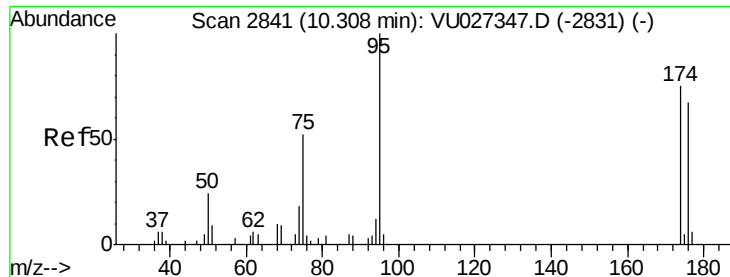
109 92.5 0.0 191.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





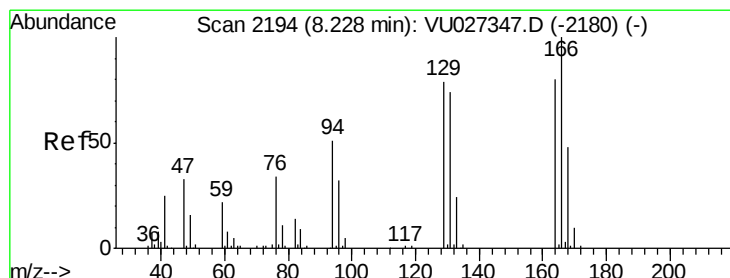
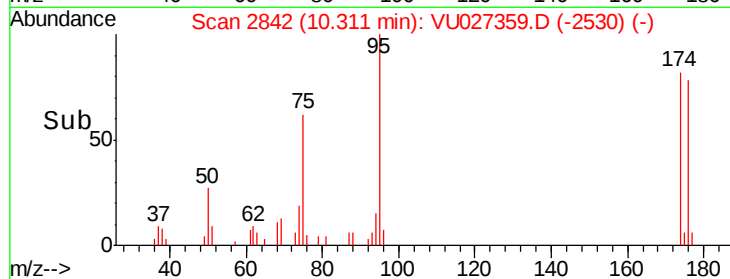
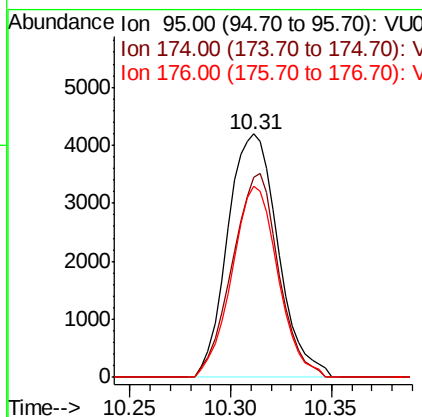
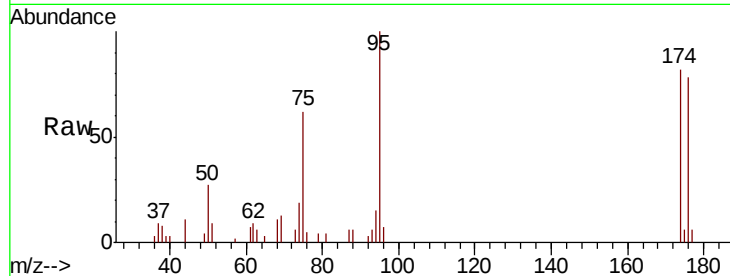
#57
4-Bromofluorobenzene
Concen: 1.852 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.3	61.0	91.6
176	72.1	57.2	85.8

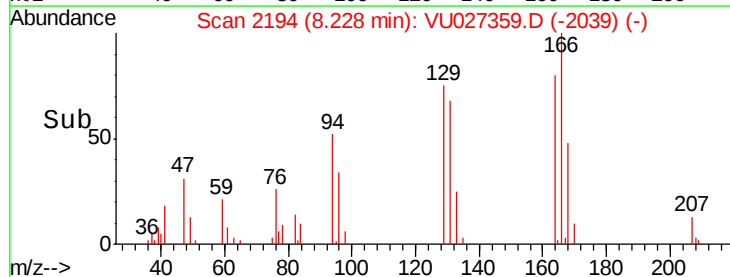
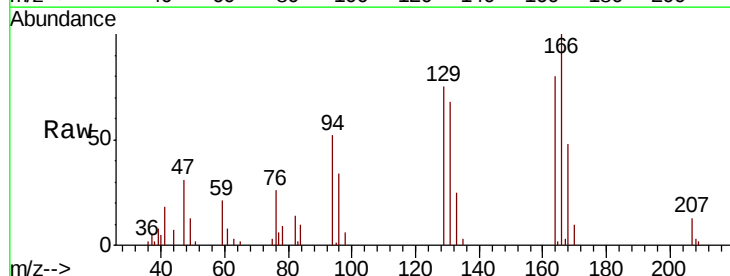
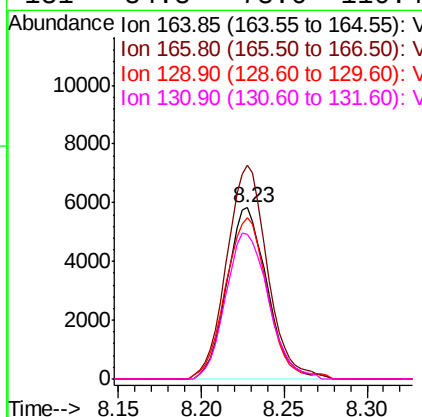
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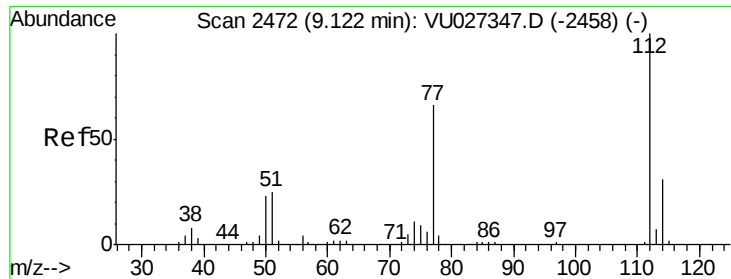
apatel
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#58
Tetrachloroethene
Concen: 1.823 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	99.9	149.9
129	94.0	78.6	117.8
131	84.8	73.6	110.4





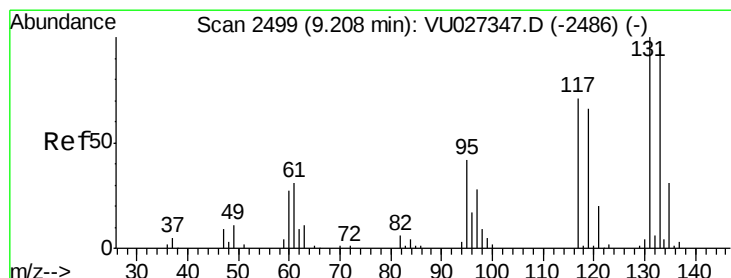
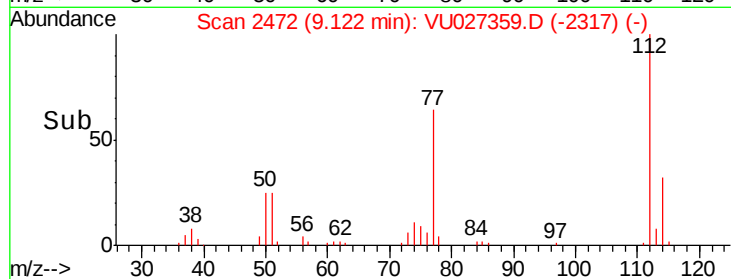
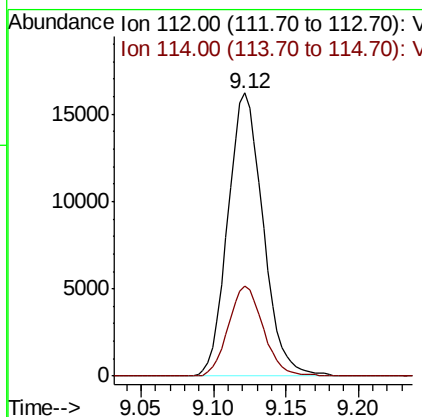
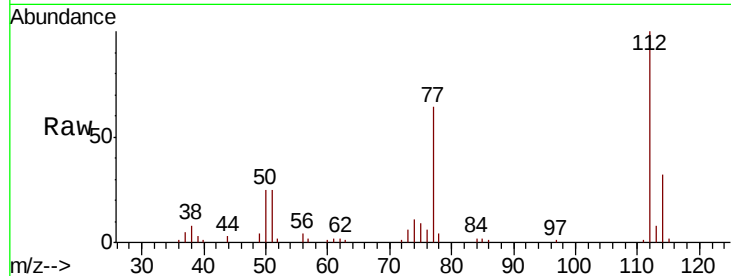
#59
Chlorobenzene
Concen: 1.741 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion:112 Resp: 27422
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

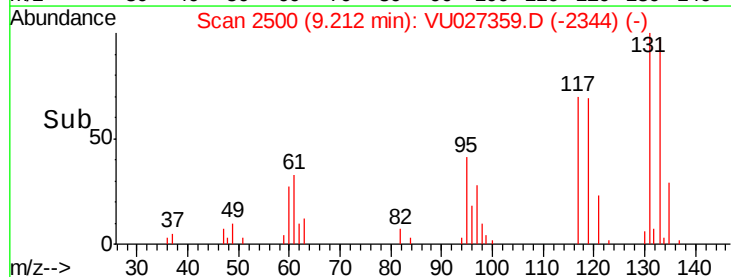
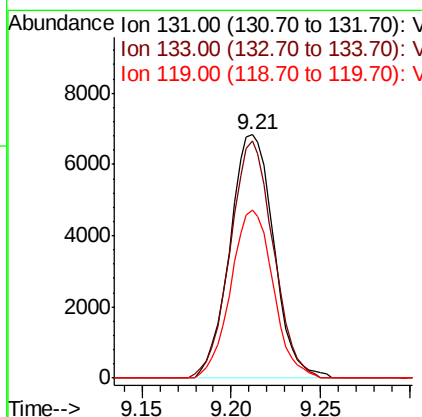
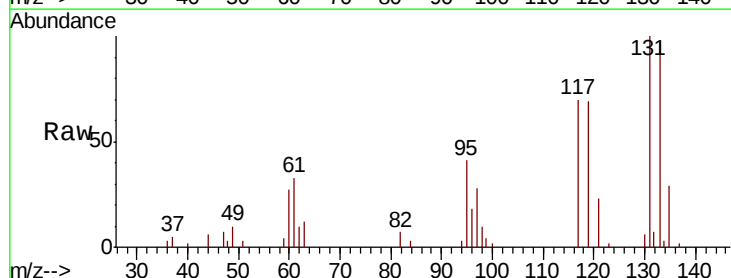
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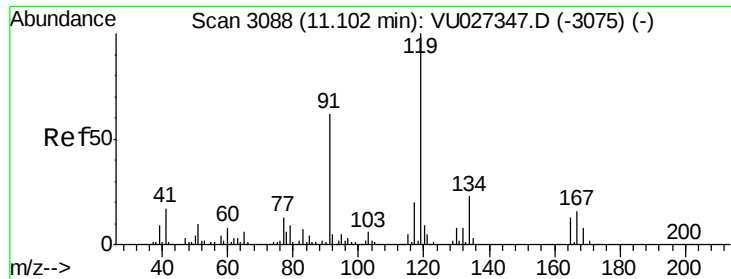
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.930 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion:131 Resp: 11690
Ion Ratio Lower Upper
131 100
133 95.5 77.1 115.7
119 66.4 53.6 80.4





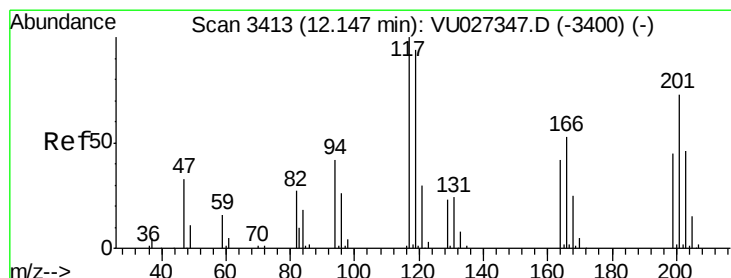
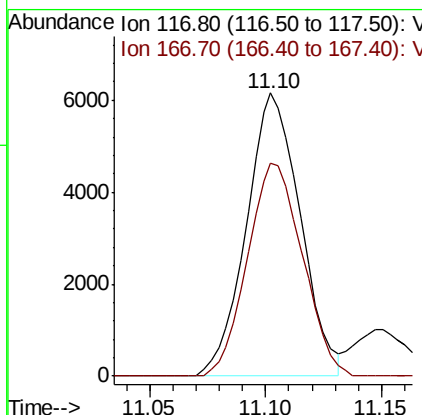
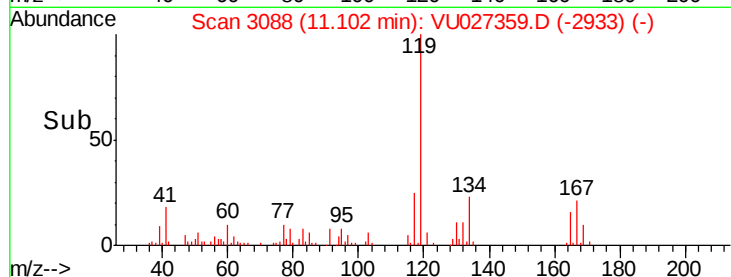
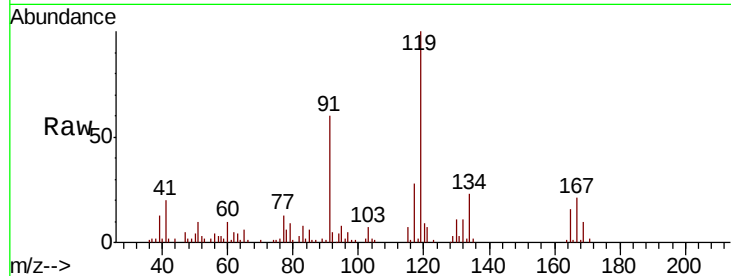
#61
 Pentachloroethane
 Concen: 1.981 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion:117 Resp: 9915
 Ion Ratio Lower Upper
 117 100
 167 76.6 62.6 93.8

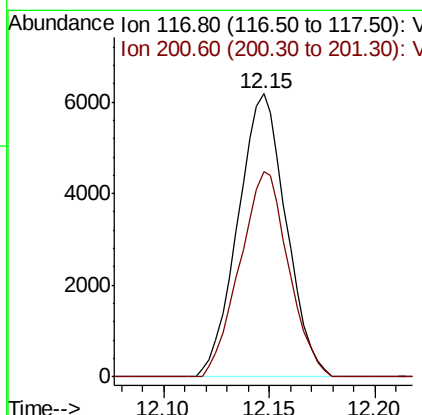
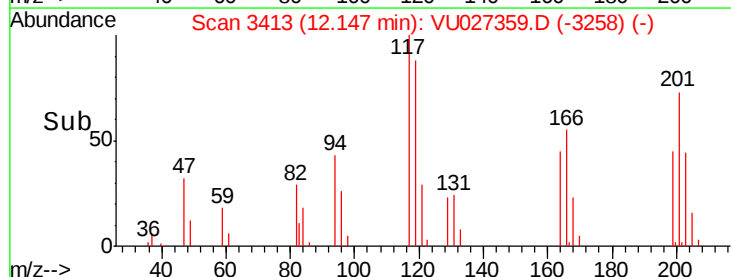
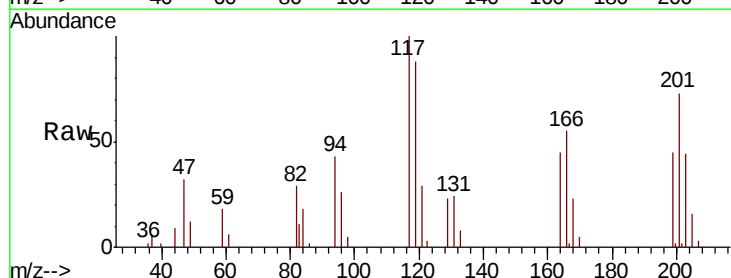
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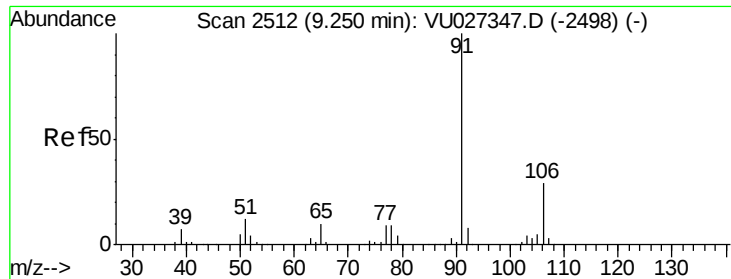
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#62
 Hexachloroethane
 Concen: 2.054 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion:117 Resp: 9806
 Ion Ratio Lower Upper
 117 100
 201 73.2 59.3 88.9





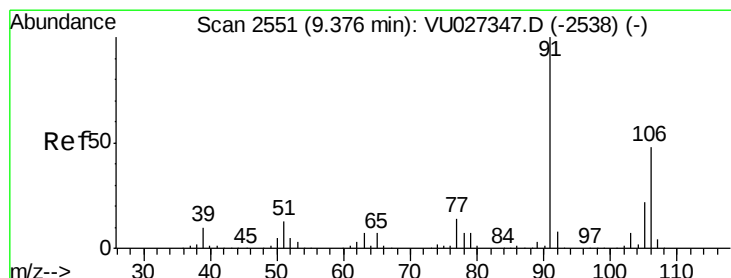
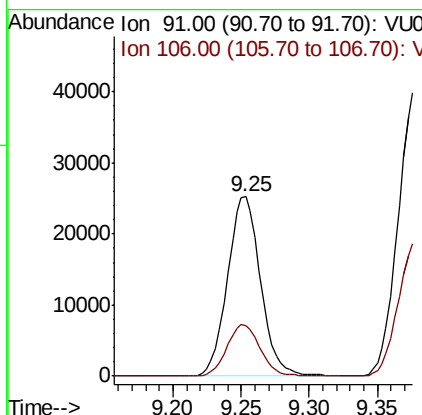
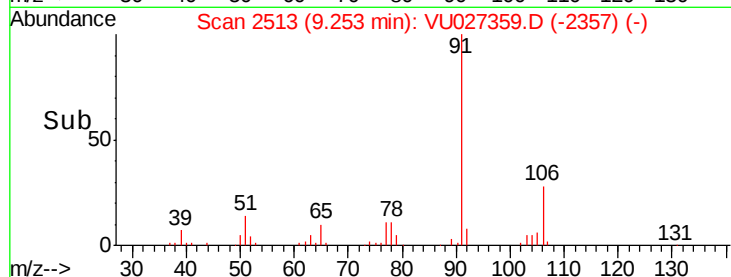
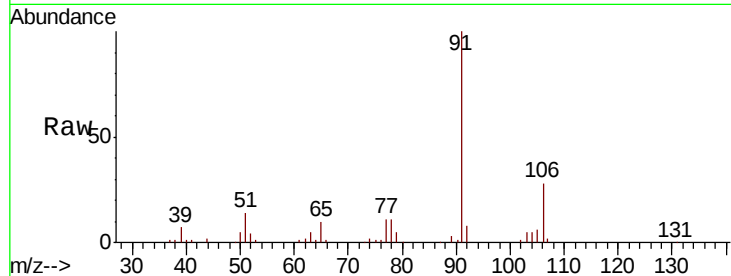
#63
Ethyl Benzene
Concen: 1.570 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion: 91 Resp: 42443
Ion Ratio Lower Upper
91 100
106 28.5 23.6 35.4

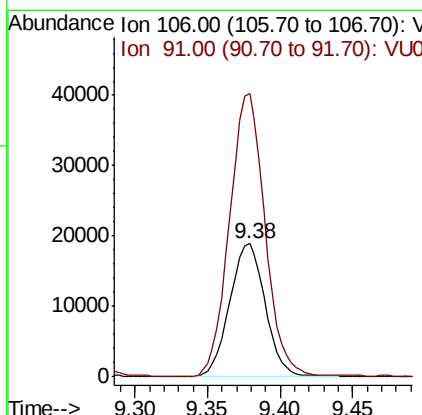
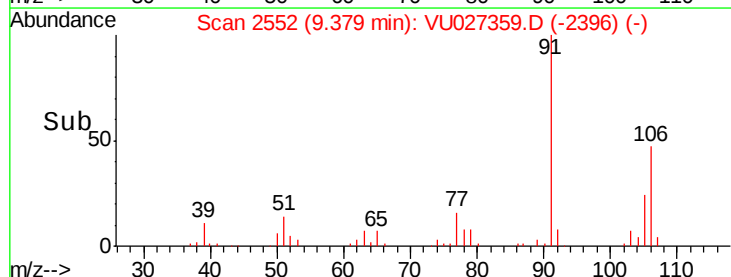
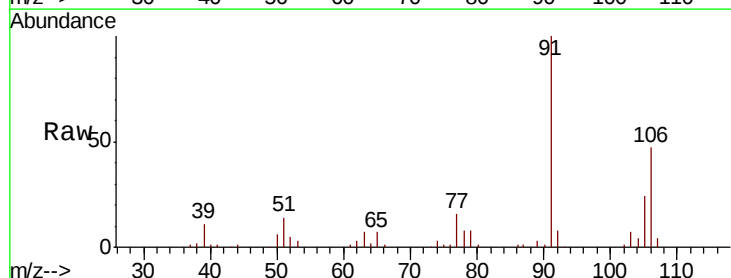
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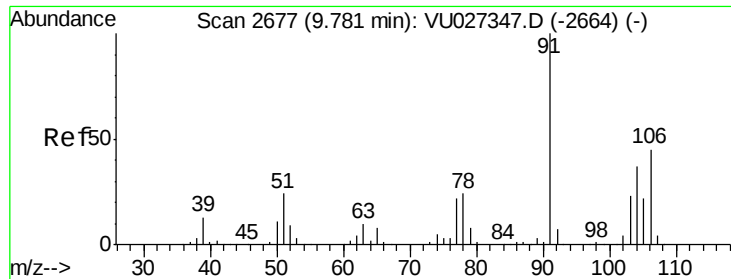
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#64
m/p-Xylenes
Concen: 3.172 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion: 106 Resp: 32162
Ion Ratio Lower Upper
106 100
91 212.6 169.8 254.8





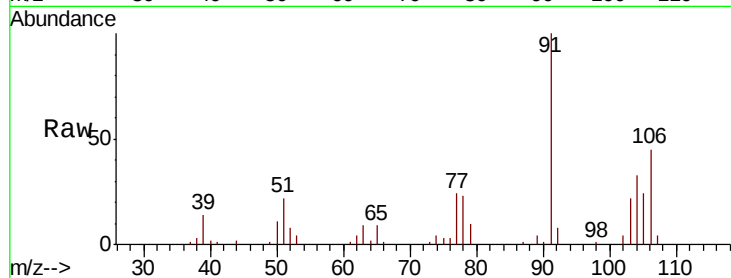
#65
o-Xylene
Concen: 1.631 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

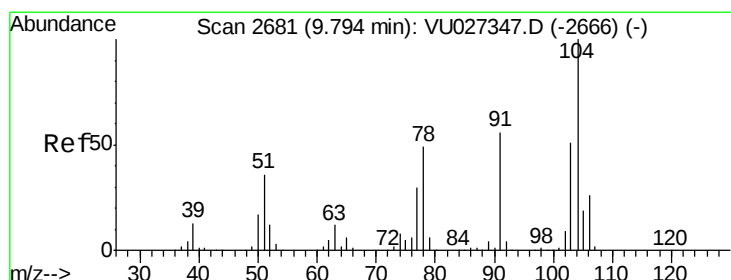
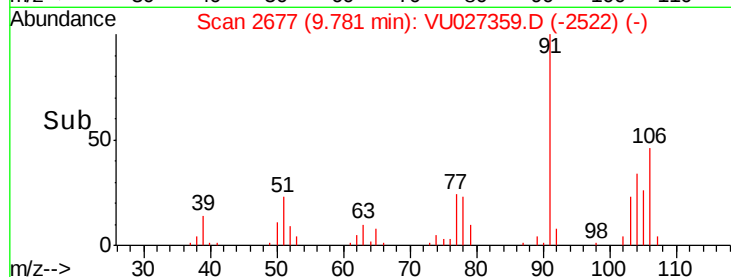
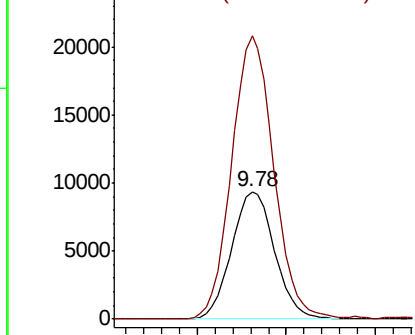
Tot Ion:106 Resp: 15701
Ion Ratio Lower Upper
106 100
91 217.8 111.1 333.2

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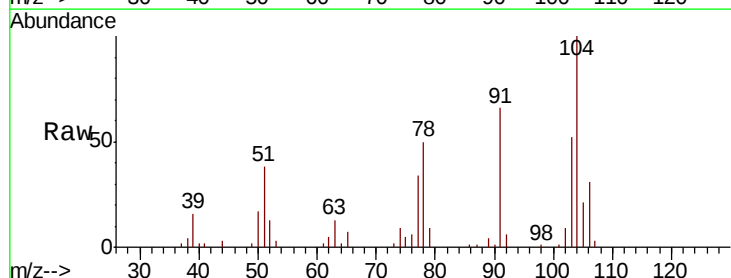


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

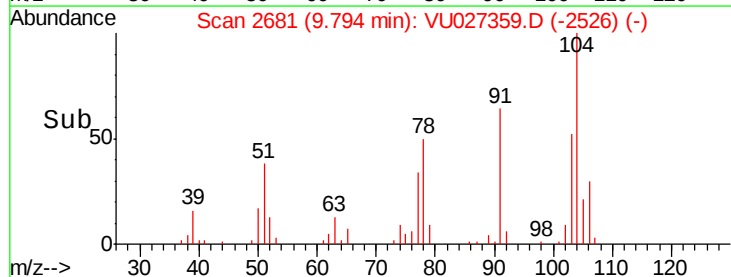
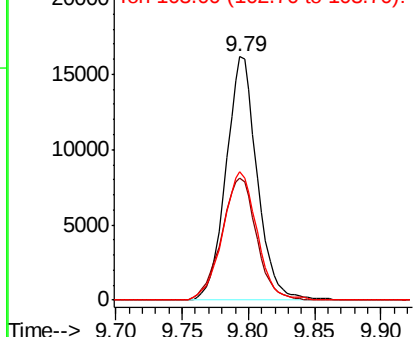


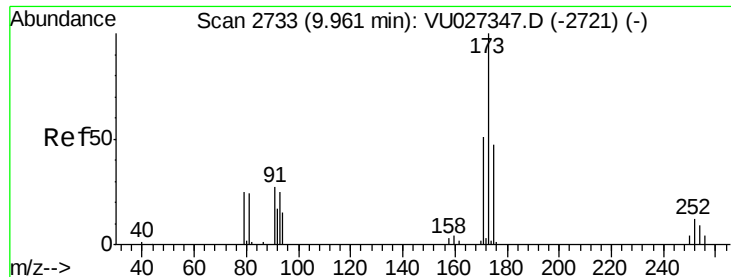
#66
Styrene
Concen: 1.563 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion:104 Resp: 26403
Ion Ratio Lower Upper
104 100
78 55.9 43.1 64.7
103 57.5 43.8 65.8



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





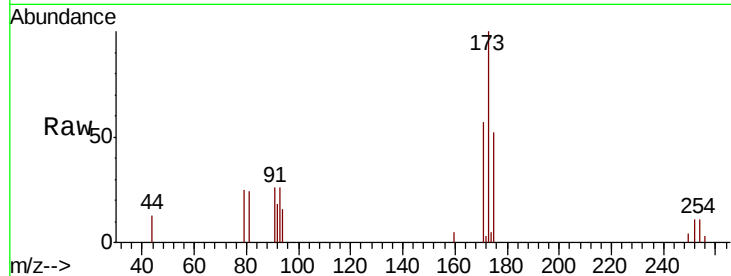
#67
Bromoform
Concen: 1.949 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

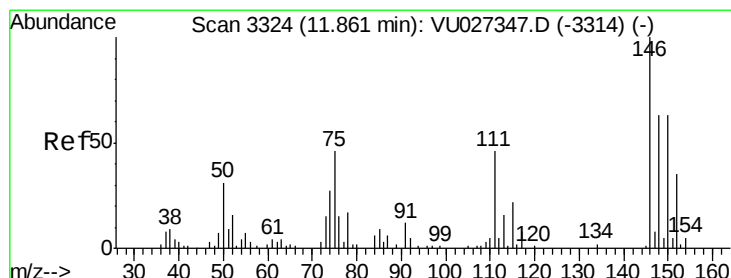
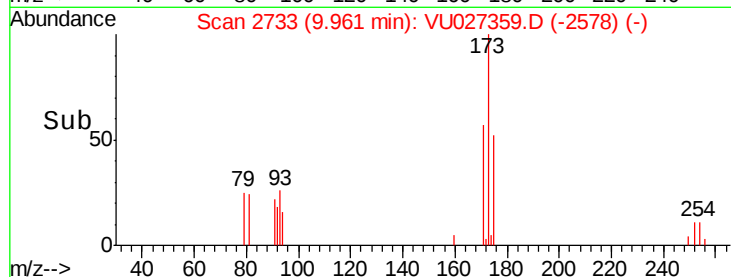
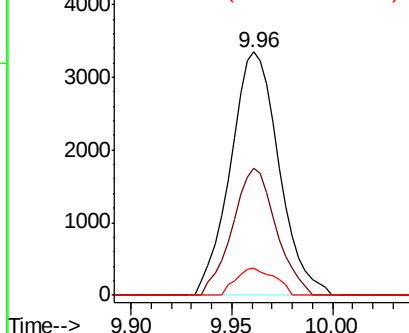
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	38.2	57.4
254	8.9	7.7	11.5

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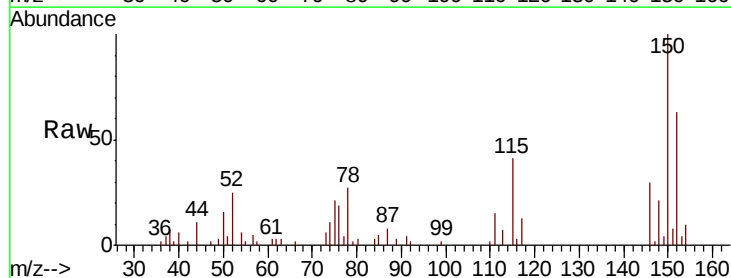


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

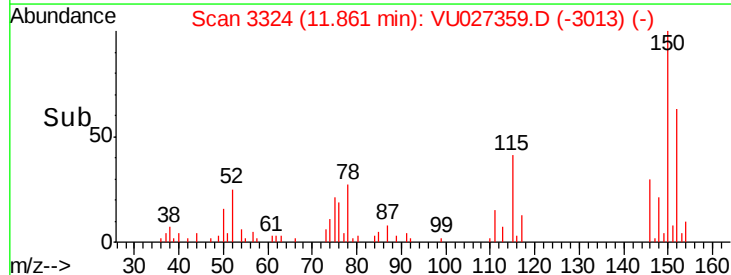
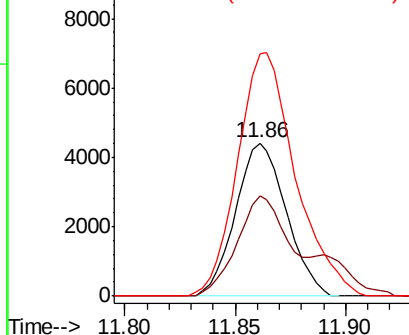


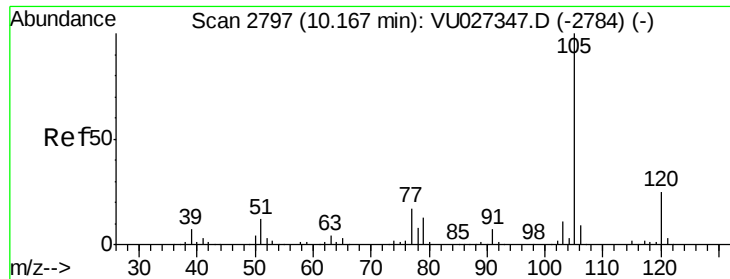
#68
1,2-Dichlorobenzene-d4
Concen: 1.949 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.8	0.0	131.6
150	181.4	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





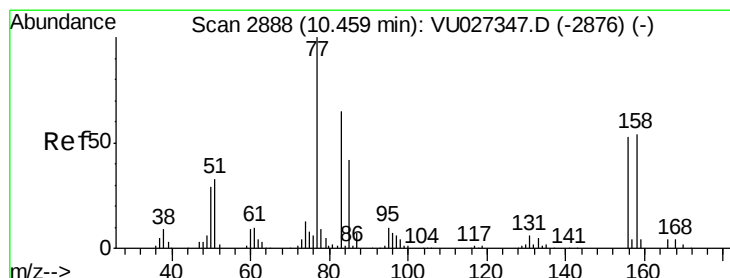
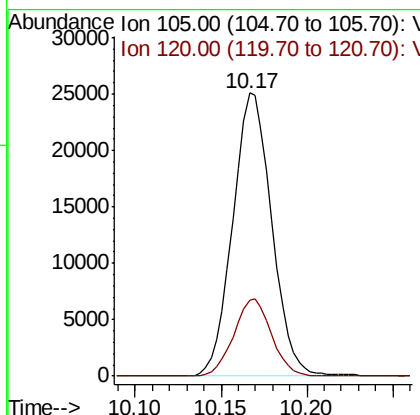
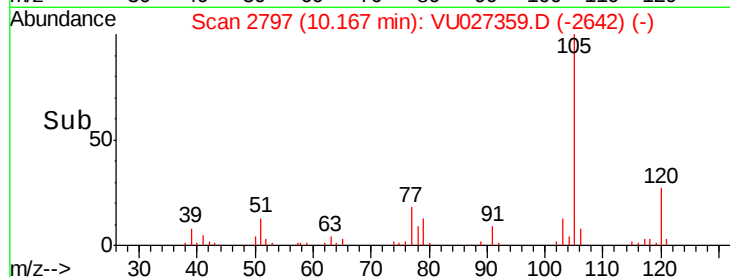
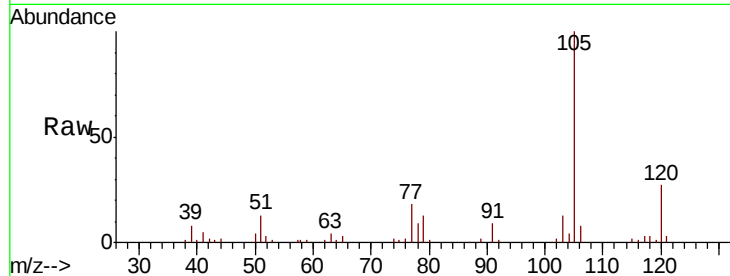
#69
Isopropylbenzene
Concen: 1.557 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.7	38.1

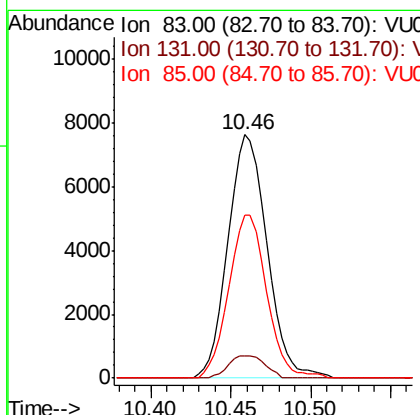
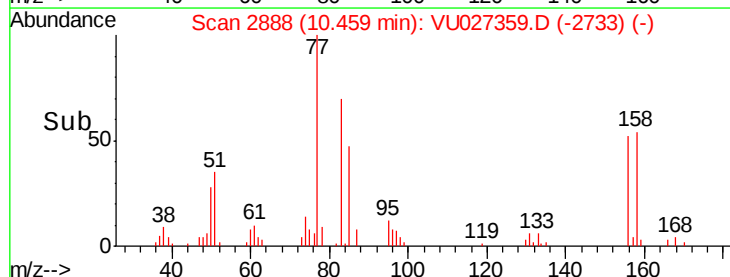
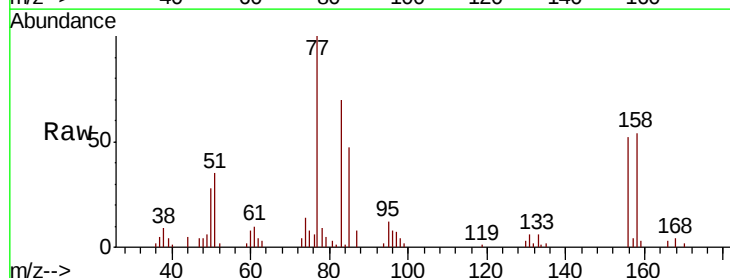
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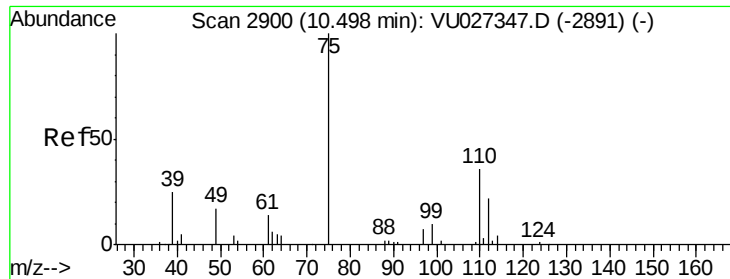
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#70
1,1,2,2-Tetrachloroethane
Concen: 1.931 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.6	7.0	10.6
85	64.6	51.4	77.0





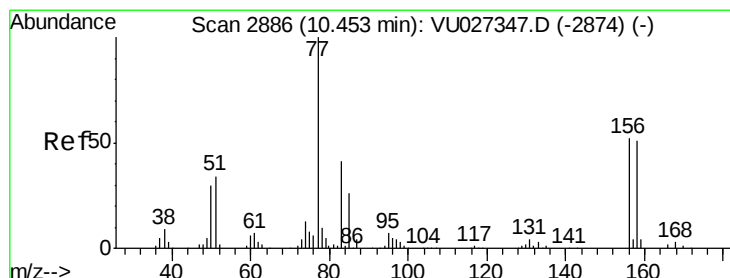
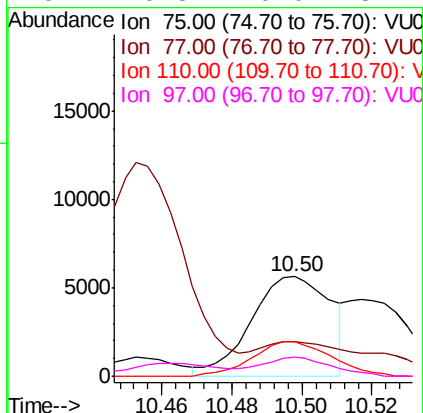
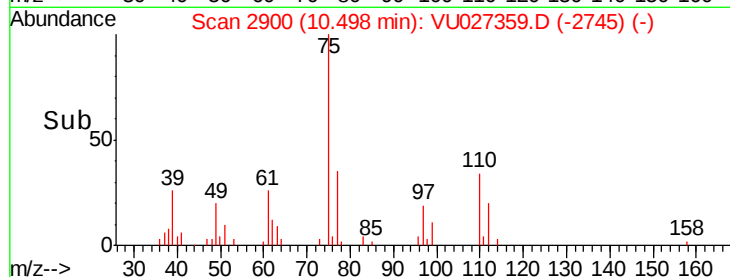
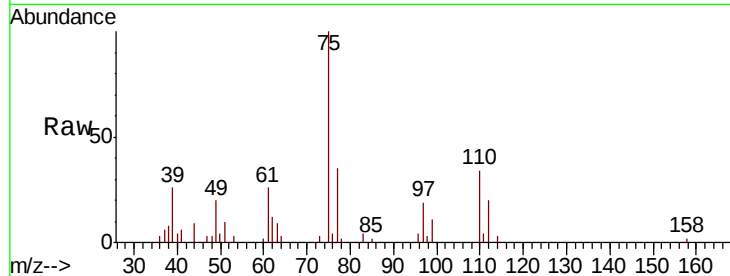
#71
 1,2,3-Trichloropropane
 Concen: 1.748 ug/l m
 RT: 10.50 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion:	75	Resp:	8910
Ion	Ratio	Lower	Upper
75	100		
77	52.5	0.0	16.6#
110	34.5	0.0	65.4
97	16.3	0.0	31.4

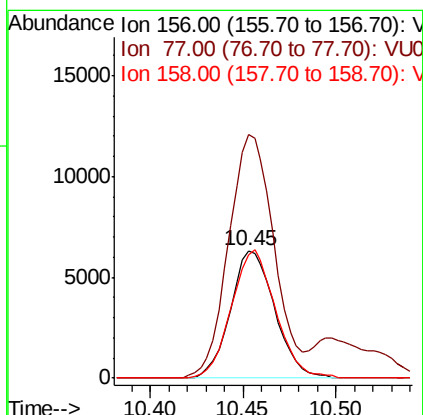
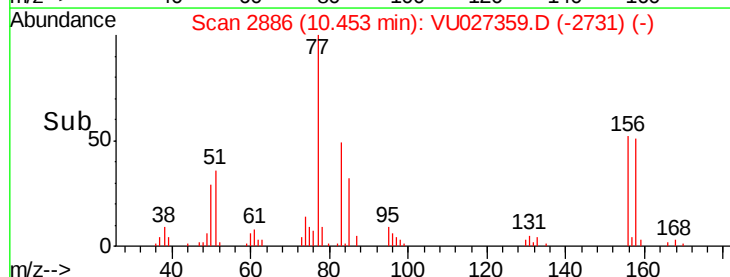
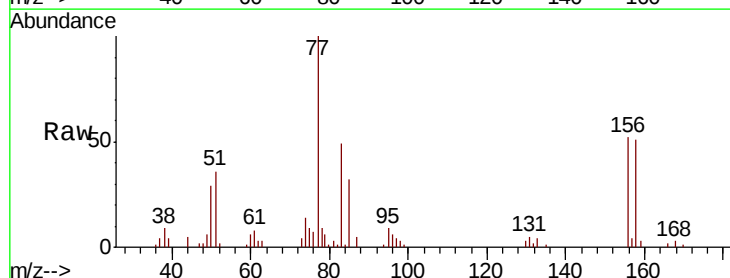
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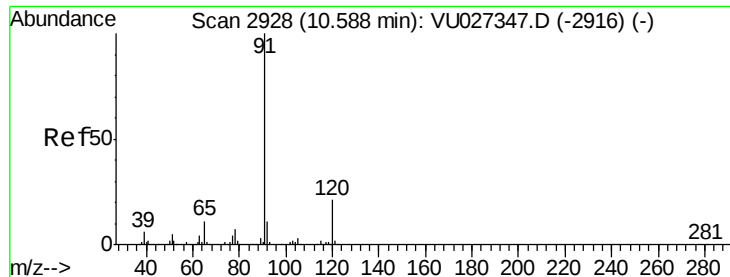
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#72
 Bromobenzene
 Concen: 1.705 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion:	156	Resp:	10439
Ion	Ratio	Lower	Upper
156	100		
77	195.6	0.0	387.6
158	100.6	0.0	196.2





#73

n-propylbenzene

Concen: 1.556 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion:120 Resp: 10631

Ion Ratio Lower Upper

120 100

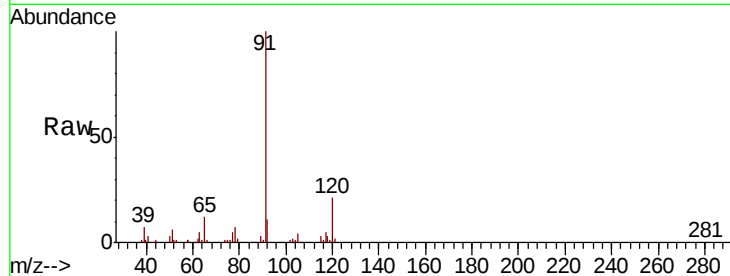
91 491.6 381.4 572.0

Manual Integrations

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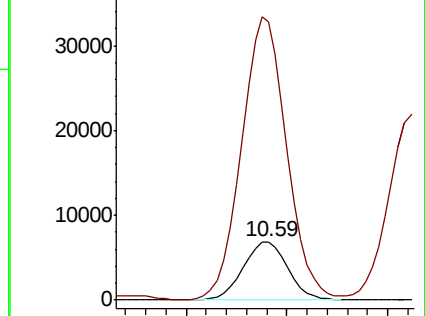
apatel

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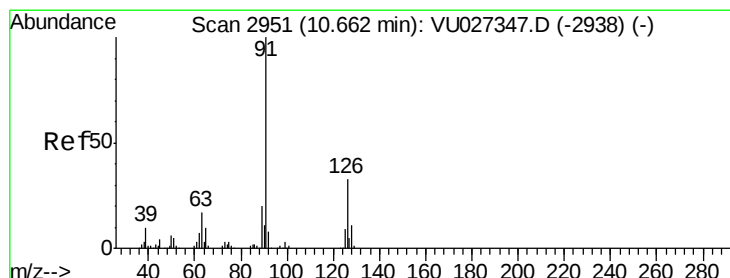
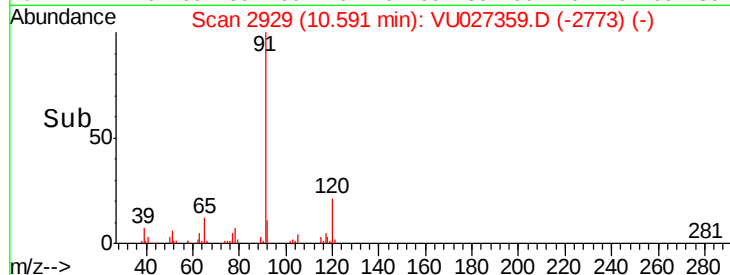


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#74

2-Chlorotoluene

Concen: 1.713 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027359.D

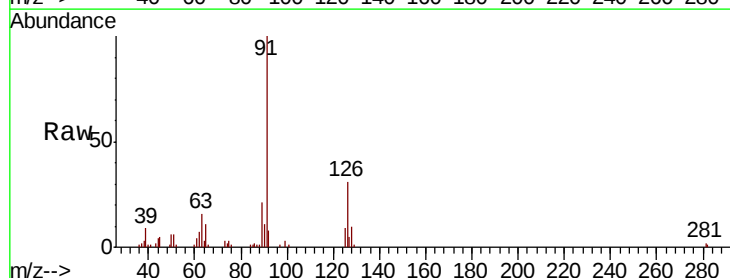
Acq: 03 Oct 2018 12:44

Tgt Ion:126 Resp: 10699

Ion Ratio Lower Upper

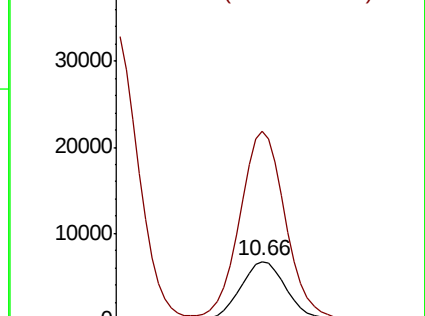
126 100

91 321.9 0.0 639.0

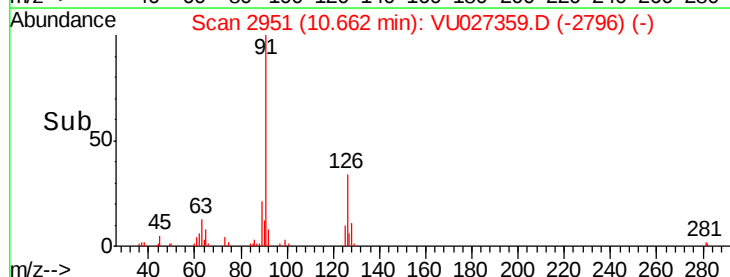


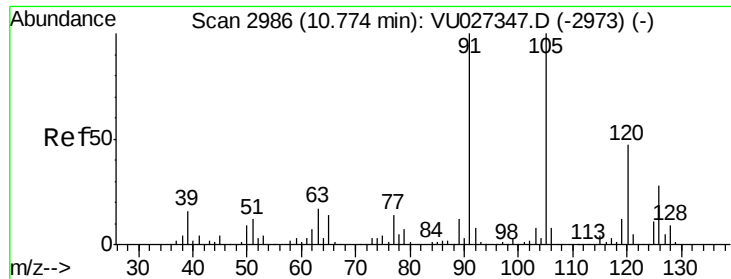
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#75

1,3,5-Trimethylbenzene

Concen: 1.620 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion:105 Resp: 36571

Ion Ratio Lower Upper

105 100

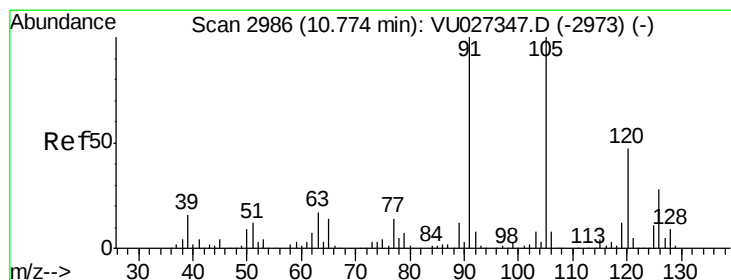
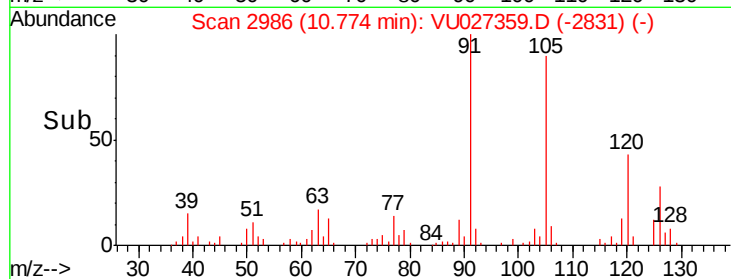
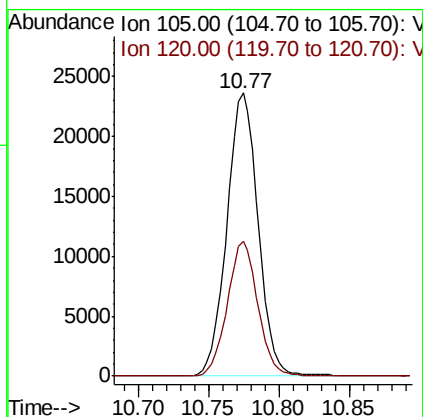
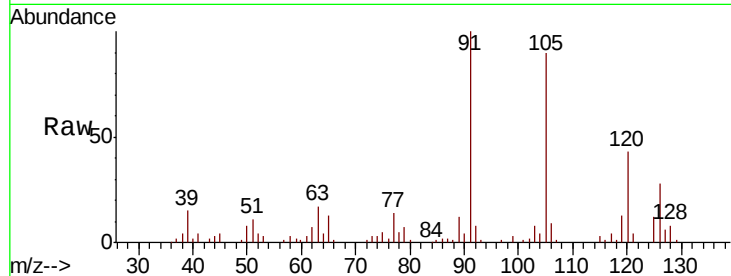
120 46.2 37.8 56.8

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#76

4-Chlorotoluene

Concen: 1.794 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027359.D

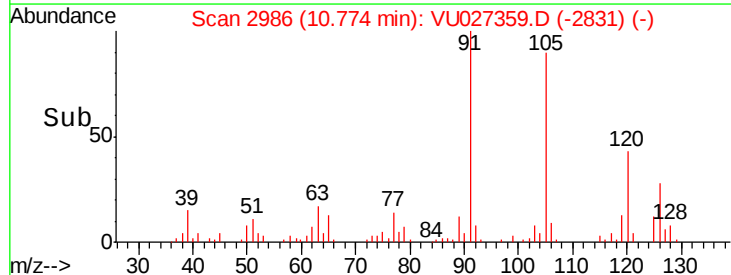
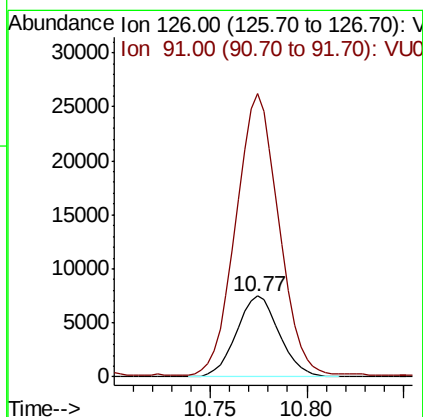
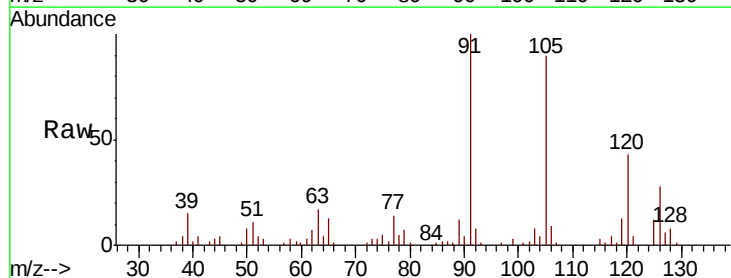
Acq: 03 Oct 2018 12:44

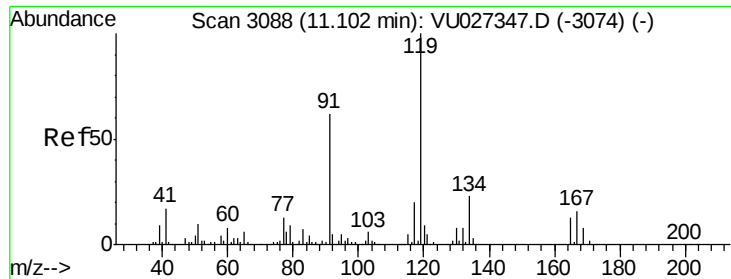
Tgt Ion:126 Resp: 11497

Ion Ratio Lower Upper

126 100

91 349.4 0.0 720.8





#77

tert-Butylbenzene

Concen: 1.631 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

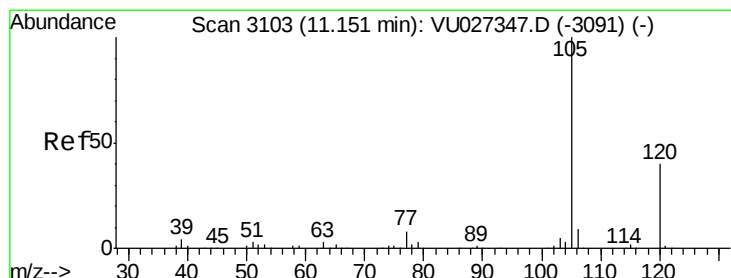
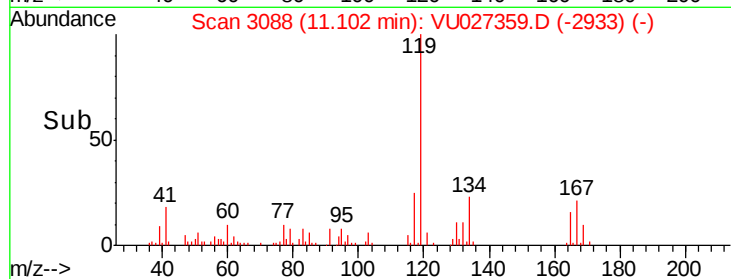
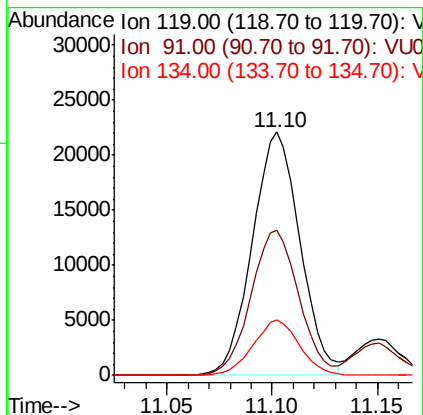
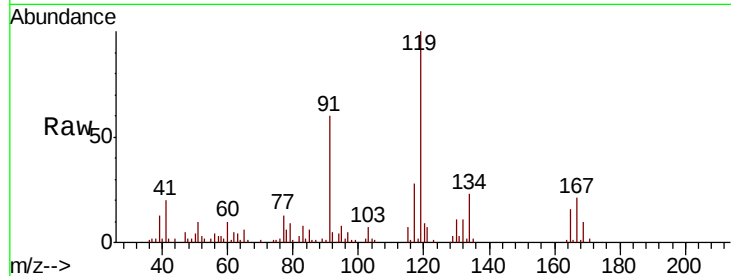
Instrument :
MSVOA_U

ClientSampleId :
VU1003WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	34755		
91	59.6		31.4	94.3
134	22.2		18.7	28.1

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#78

1,2,4-Trimethylbenzene

Concen: 1.645 ug/l

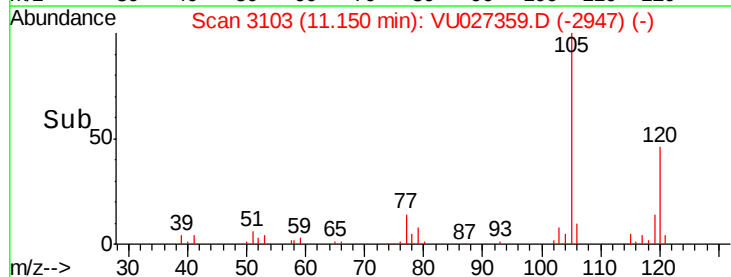
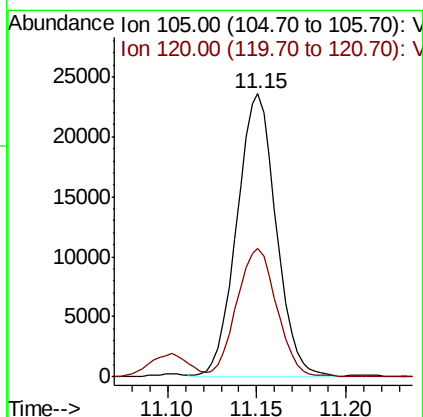
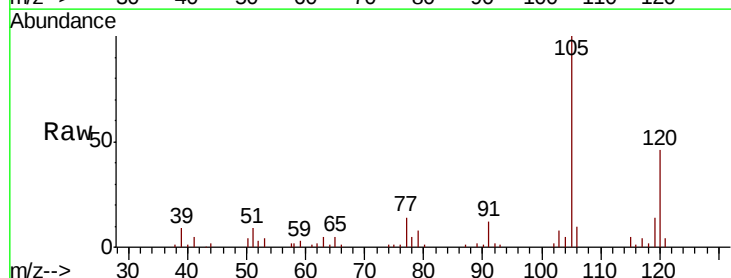
RT: 11.15 min Scan# 3103

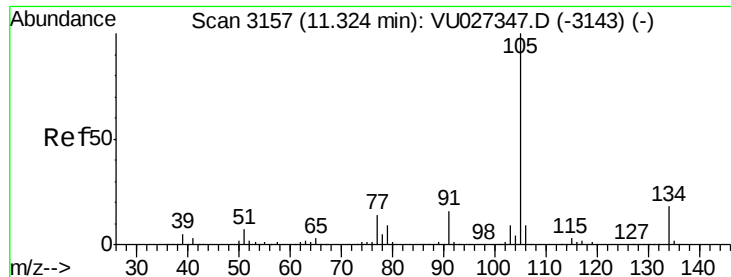
Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	36418		
120	46.3		21.9	65.7





#79

sec-Butylbenzene

Concen: 1.622 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

Instrument :

MSVOA_U

ClientSampleId :

VU1003WBS02

Tot Ion: 105 Resp: 47431

Ion Ratio Lower Upper

105 100

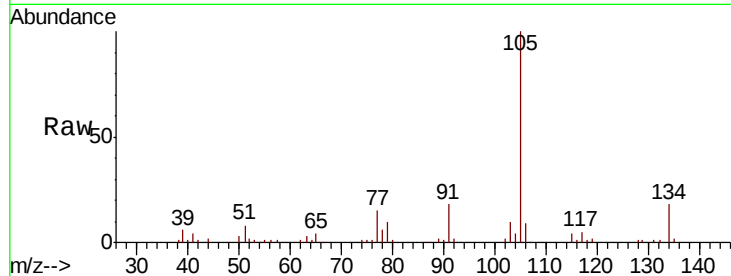
134 18.4 14.8 22.2

Manual Integrations

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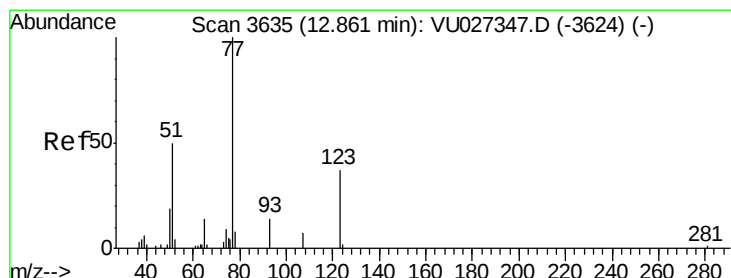
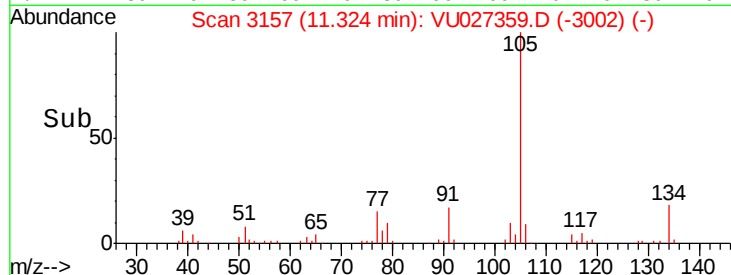
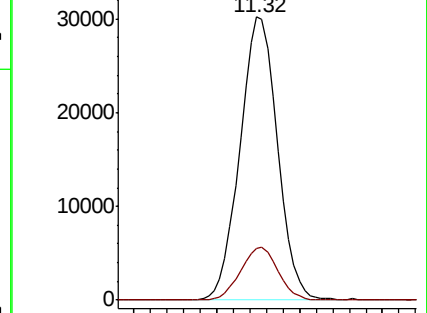
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 9.803 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027359.D

Acq: 03 Oct 2018 12:44

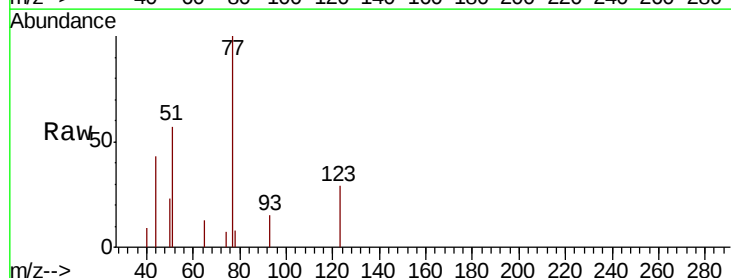
Tgt Ion: 77 Resp: 2662

Ion Ratio Lower Upper

77 100

123 33.7 16.4 58.2

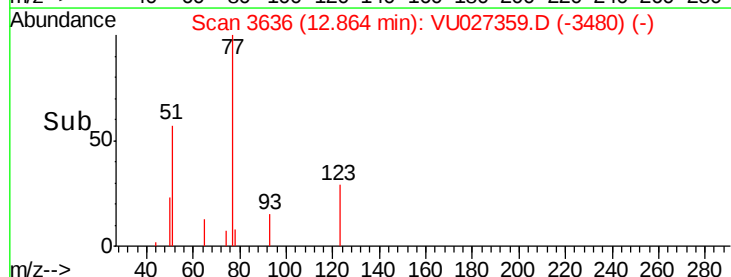
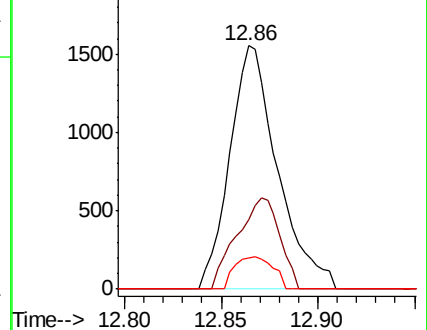
65 10.6 11.7 14.9#

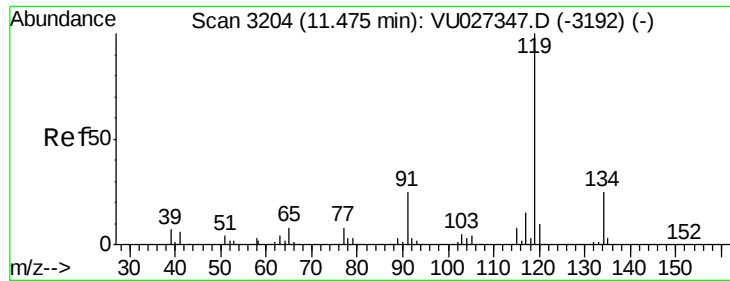


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





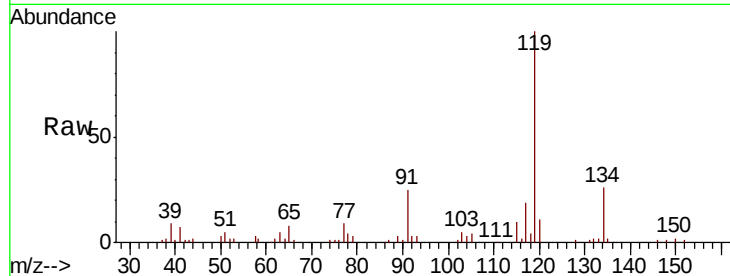
#81
 p-Isopropyltoluene
 Concen: 1.689 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.4	20.2	30.2
91	25.5	19.6	29.4

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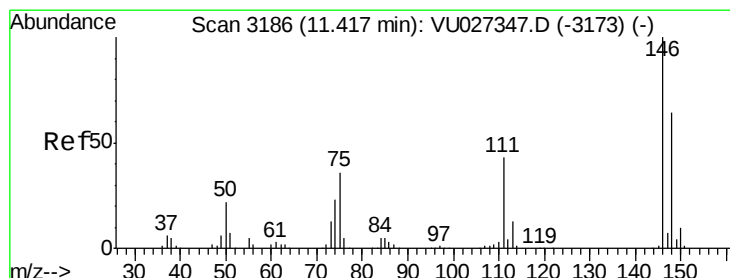
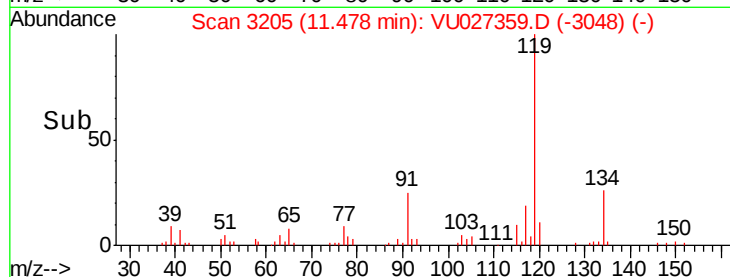
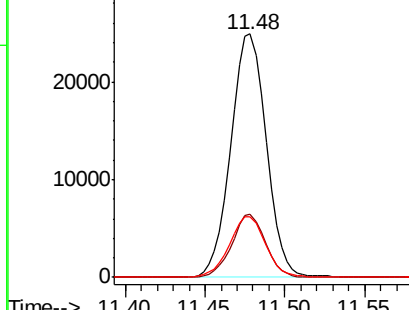


Abundance

Ion 119.00 (118.70 to 119.70): V

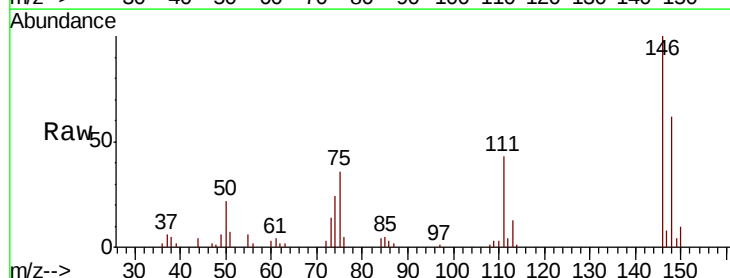
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 1.888 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	34.3	51.5
148	62.0	51.2	76.8

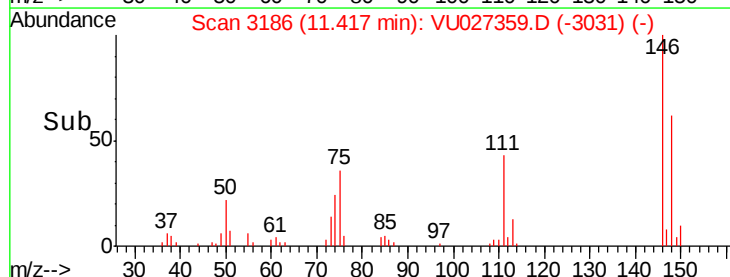
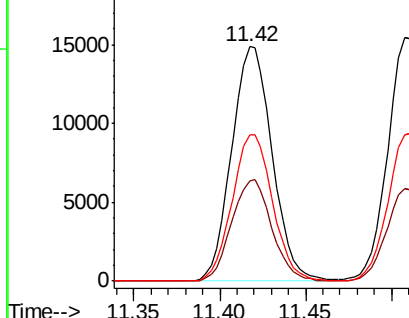


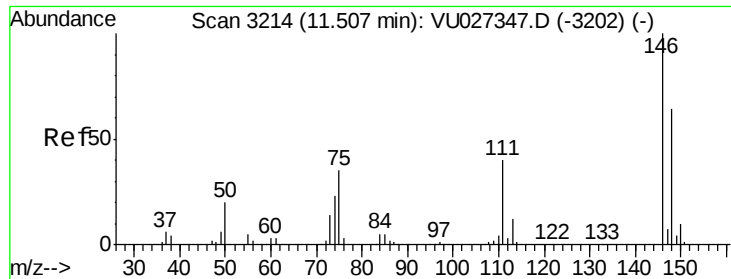
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





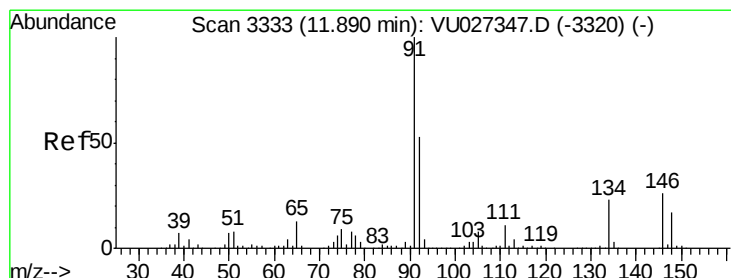
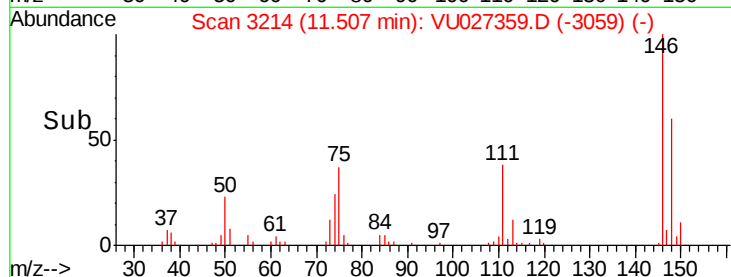
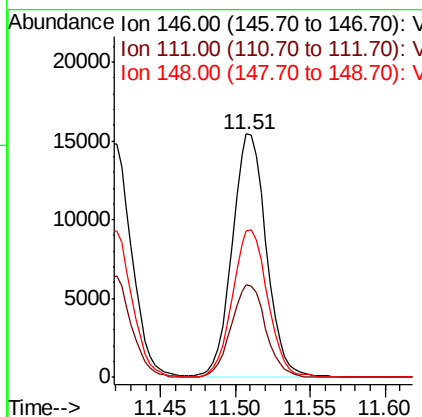
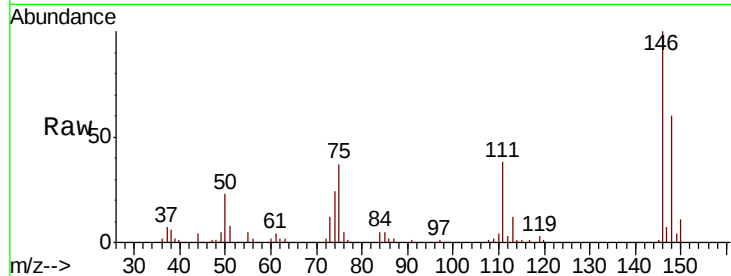
#83
 1,4-Dichlorobenzene
 Concen: 1.903 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	32.6	49.0
148	62.3	51.4	77.2

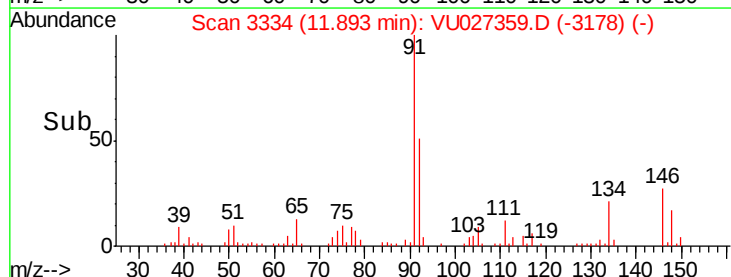
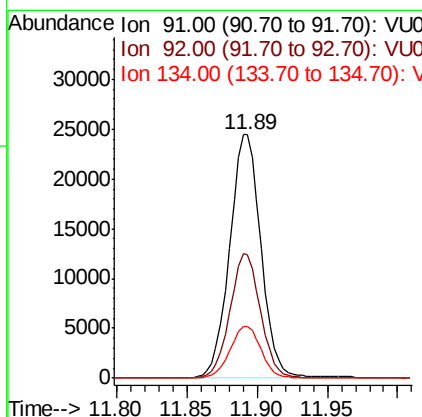
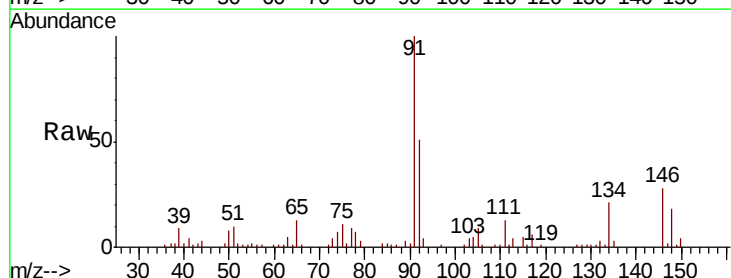
Manual Integrations
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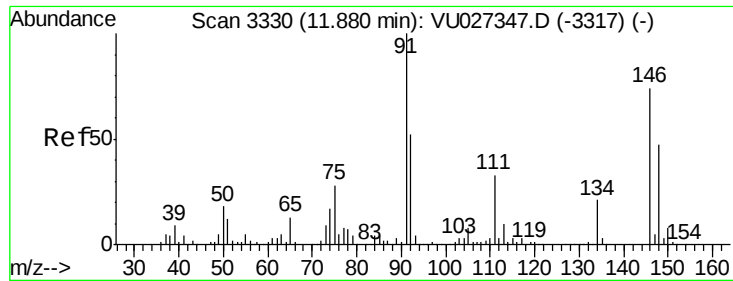
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#84
 n-Butylbenzene
 Concen: 1.703 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.5	42.2	63.2
134	21.0	18.2	27.4





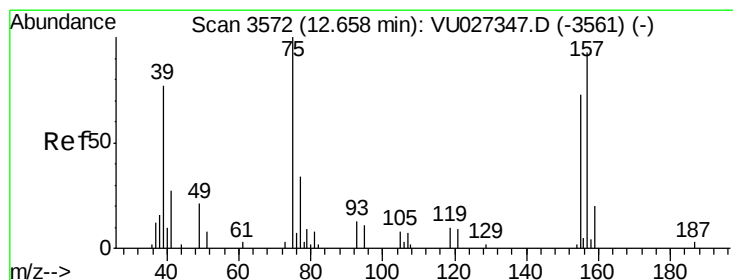
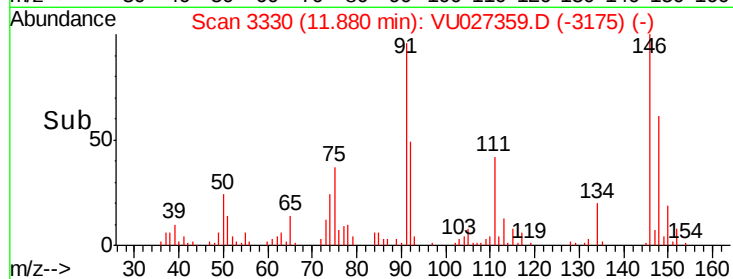
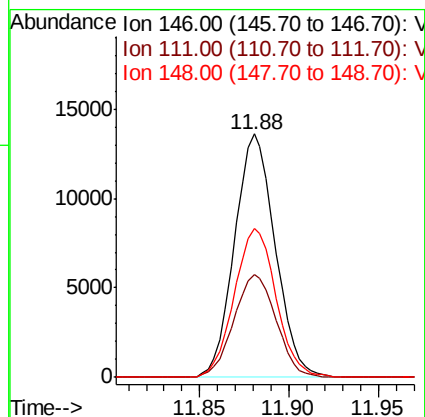
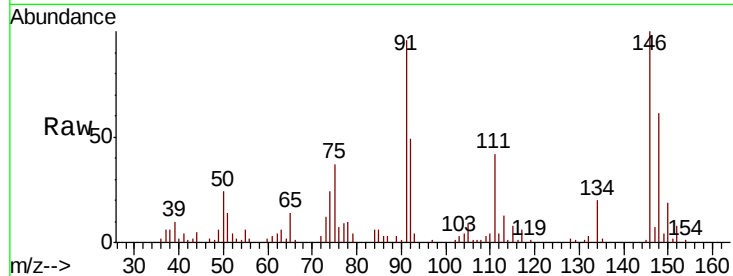
#85
 1,2-Dichlorobenzene
 Concen: 1.817 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.1	66.3
148	62.9	32.0	96.0

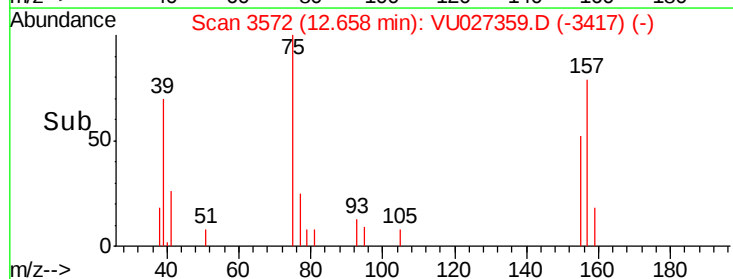
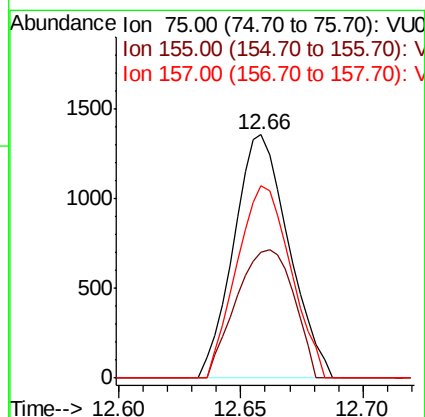
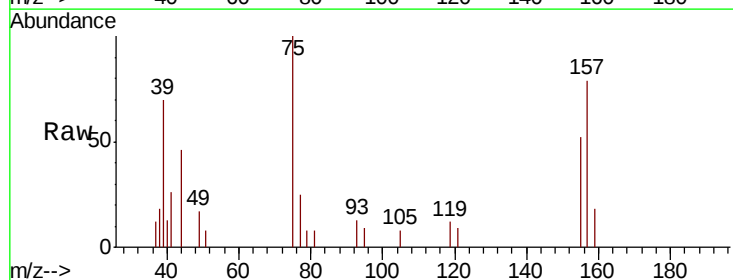
Manual Integrations
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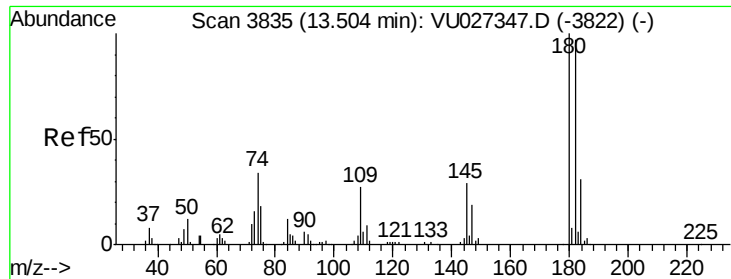
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.118 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	55.4	56.6	84.8#
157	77.9	71.8	107.6





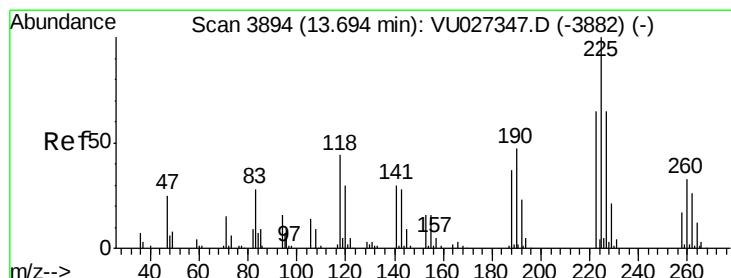
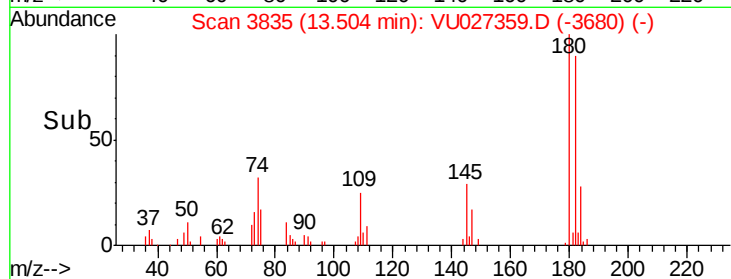
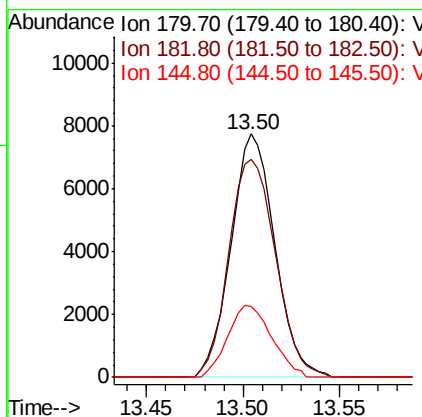
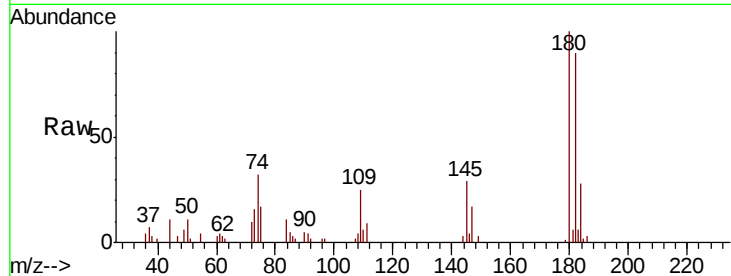
#87
 1,2,4-Trichlorobenzene
 Concen: 1.615 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1003WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.5	116.3
145	29.8	23.9	35.9

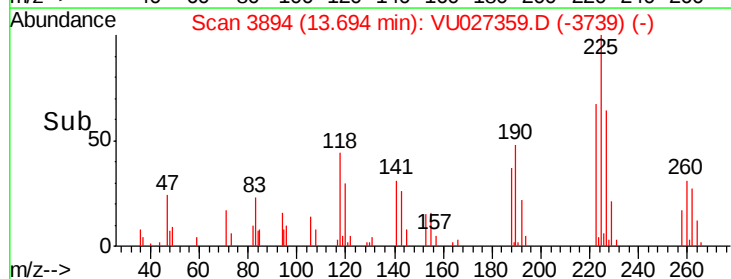
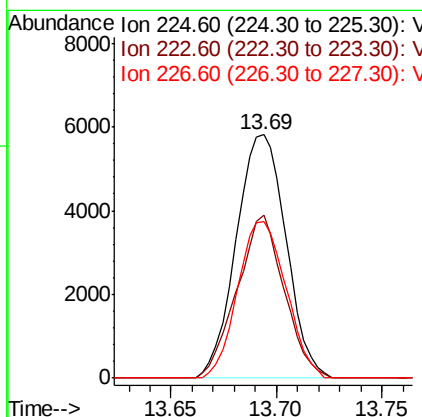
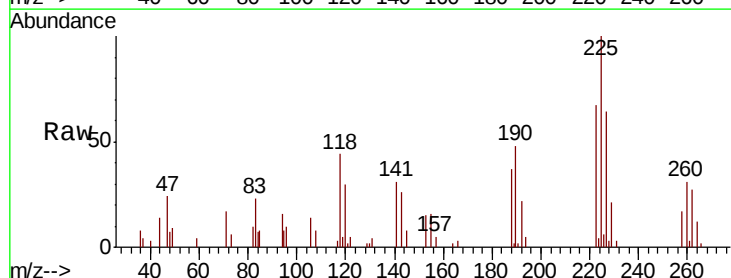
Manual Integrations
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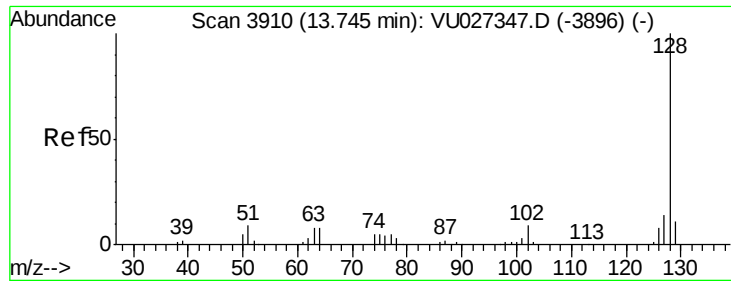
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#88
 Hexachlorobutadiene
 Concen: 1.909 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027359.D
 Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.0
227	62.4	52.3	78.5





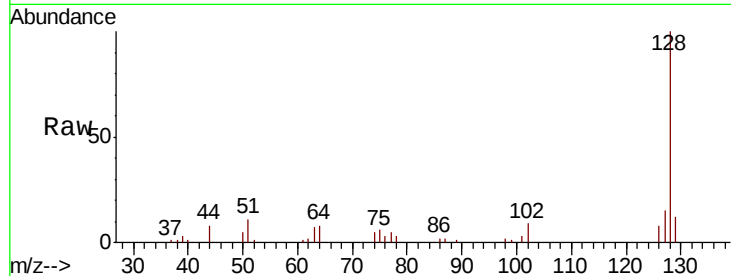
#89
Naphthalene
Concen: 1.319 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBS02

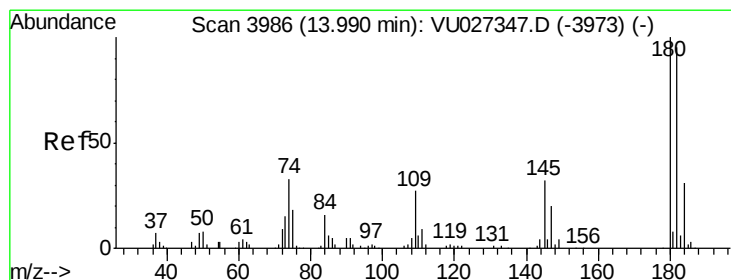
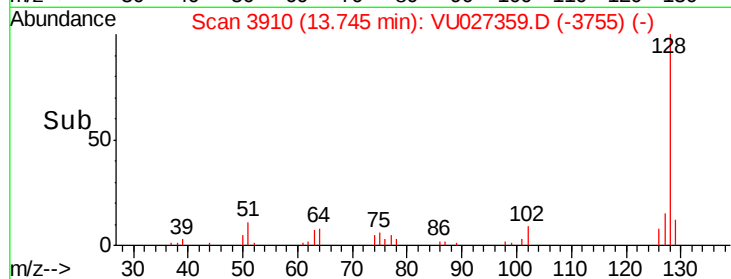
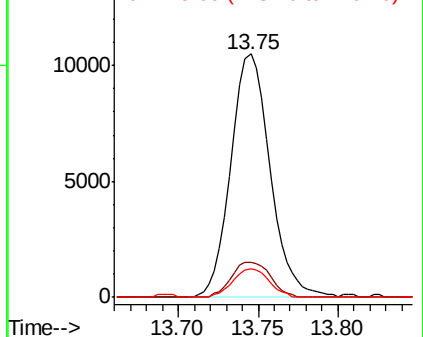
Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.7	16.1
129	10.7	8.4	12.6

Manual Integrations
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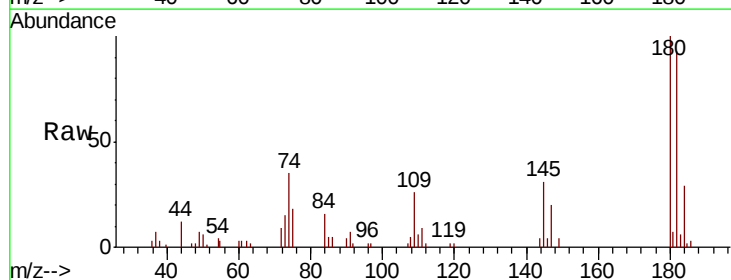


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.602 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. -0.00 min
Lab File: VU027359.D
Acq: 03 Oct 2018 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	30.2	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

