

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100318\
 Data File : VU027355.D
 Acq On : 02 Oct 2018 21:34
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

apatel
 10/5/2018 12:14:40 PM

Quant Time: Oct 03 09:40:05 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	21886	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8624	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7608	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	71973	9.807	ug/l	100
3) Chloromethane	1.33	50	82747	9.706	ug/l	99
4) Vinyl Chloride	1.40	62	85957	9.911	ug/l	99
5) Bromomethane	1.62	94	42801	11.799	ug/l	97
6) Chloroethane	1.70	64	58634	10.761	ug/l	99
7) Trichlorofluoromethane	1.89	101	99050	9.856	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58349	9.871	ug/l	99
9) 1,1-Dichloroethene	2.28	96	48484	9.848	ug/l	98
10) Iodomethane	2.41	142	57246	10.318	ug/l	97
11) Allyl Chloride	2.59	41	122863	9.445	ug/l	99
12) Acrylonitrile	2.94	53	36091	21.235	ug/l	98
13) Acetone	2.32	43	76505	54.008	ug/l	99
14) Carbon Disulfide	2.48	76	146453	9.576	ug/l	100
15) Methylene Chloride	2.70	84	70406	11.037	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	55488	9.690	ug/l	96
17) 1,1-Dichloroethane	3.44	63	131361	9.503	ug/l	99
18) 2-Butanone	4.29	43	134283	51.598	ug/l	98
19) Cyclohexane	4.98	56	103914	9.951	ug/l	99
20) Methylcyclohexane	6.41	83	89829	9.580	ug/l	96
21) 2,2-Dichloropropane	4.22	77	103087	8.708	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	68240	9.890	ug/l	96
23) Diethyl Ether	2.11	59	52097	9.917	ug/l	99
24) tert-Butyl Alcohol	2.85	59	67027	112.829	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	164356	10.004	ug/l	99
26) Bromochloromethane	4.55	128	26068	10.278	ug/l	98
27) Chloroform	4.67	83	125816	9.970	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	103841	10.145	ug/l	99
29) 1,1-Dichloropropene	5.13	75	91528	9.930	ug/l	99
30) Carbon Tetrachloride	5.13	117	88022	10.398	ug/l	98
31) Isopropyl Ether	3.59	45	256192	9.743	ug/l	100
32) Ethyl-t-butyl ether	4.09	59	208256	10.145	ug/l	100
33) Tert-Amyl methyl ether	5.59	73	173252	10.537	ug/l	99
34) Propionitrile	4.34	54	37238	55.471	ug/l	98
35) Benzene	5.38	78	270459	10.034	ug/l	99
36) 1,2-Dichloroethane	5.40	62	91631	10.369	ug/l	100
37) Trichloroethene	6.18	130	59631	9.966	ug/l	94
38) 1,2-Dichloropropane	6.43	63	81410	9.990	ug/l	98
39) Methacrylonitrile	4.56	41	34679	9.870	ug/l	98
40) Methyl acrylate	4.44	55	45352	10.139	ug/l	100
41) Tetrahydrofuran	4.66	42	34914	21.150	ug/l	99
42) 1-Chlorobutane	5.06	56	148656	10.024	ug/l	99

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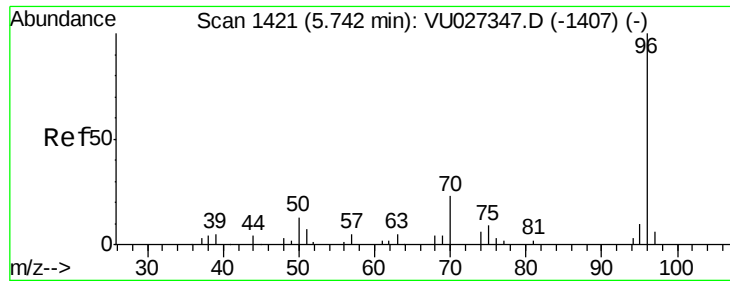
Manual Integrations
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Quant Time: Oct 03 09:40:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	36805	10.855	ug/l	99
44) Bromodichloromethane	6.76	83	94329	10.254	ug/l	98
45) 4-Methyl-2-Pentanone	7.48	43	301315	57.718	ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	35486m	23.446	ug/l	
47) Methyl methacrylate	6.64	69	75005	21.974	ug/l	98
48) Ethyl methacrylate	8.03	69	67472	11.348	ug/l	98
49) Toluene	7.64	92	153730	10.431	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	86022	10.528	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	98064	10.017	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	50205	10.521	ug/l	98
53) 1,3-Dichloropropane	8.25	76	95823	10.585	ug/l	100
54) 2-Hexanone	8.38	43	210923	58.475	ug/l	99
55) Dibromochloromethane	8.48	129	57591	10.930	ug/l	99
56) 1,2-Dibromoethane	8.59	107	45586	10.807	ug/l	98
58) Tetrachloroethene	8.22	164	54587	10.290	ug/l	98
59) Chlorobenzene	9.12	112	158607	10.319	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	61117	10.343	ug/l	99
61) Pentachloroethane	11.10	117	49327	10.099	ug/l	98
62) Hexachloroethane	12.15	117	51339	11.022	ug/l	99
63) Ethyl Benzene	9.25	91	287876	10.910	ug/l	99
64) m/p-Xylenes	9.38	106	225205	22.767	ug/l	99
65) o-Xylene	9.78	106	103686	11.042	ug/l	99
66) Styrene	9.79	104	192695	11.692	ug/l	100
67) Bromoform	9.96	173	31087	11.031	ug/l	98
69) Isopropylbenzene	10.17	105	277892	11.223	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	70862	10.993	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	47766	9.604	ug/l	92
72) Bromobenzene	10.45	156	65376	10.944	ug/l	97
73) n-propylbenzene	10.59	120	79108	11.865	ug/l	100
74) 2-Chlorotoluene	10.66	126	68588	11.255	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	254983	11.577	ug/l	100
76) 4-Chlorotoluene	10.77	126	72821	11.646	ug/l	100
77) tert-Butylbenzene	11.10	119	232906	11.199	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	267146	9.910	ug/l	99
79) sec-Butylbenzene	11.32	105	330271	11.575	ug/l	100
80) Nitrobenzene	12.86	77	16302	61.526	ug/l	97
81) p-Isopropyltoluene	11.48	119	273938	9.856	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	140465	11.165	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	138970	11.035	ug/l	100
84) n-Butylbenzene	11.89	91	280895	9.933	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	129823	11.153	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	11072	11.342	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	82659	11.203	ug/l	99
88) Hexachlorobutadiene	13.69	225	51459	10.543	ug/l	100
89) Naphthalene	13.74	128	161532	12.412	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	85800	11.758	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 96 Resp: 21886

Ion Ratio Lower Upper

96 100

70 23.4 19.2 28.8

95 9.3 7.7 11.5

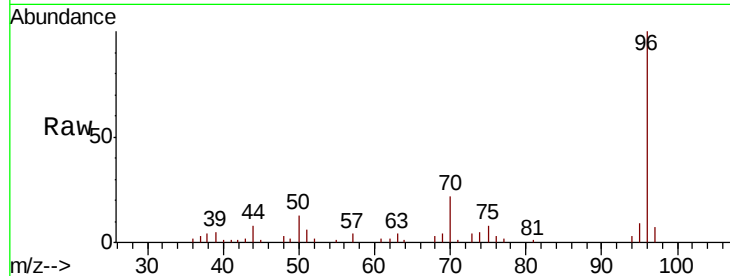
97 0.0 0.0 0.0

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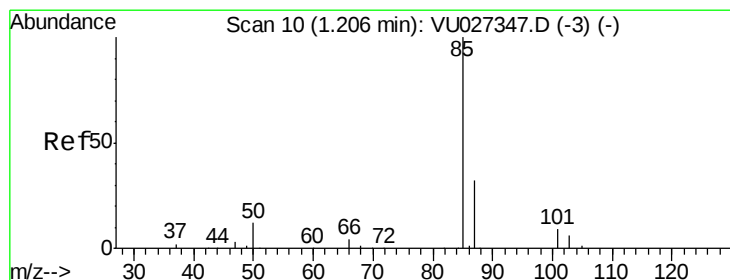
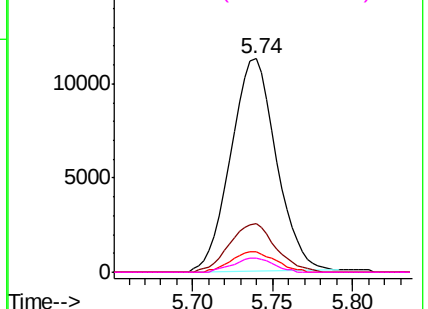
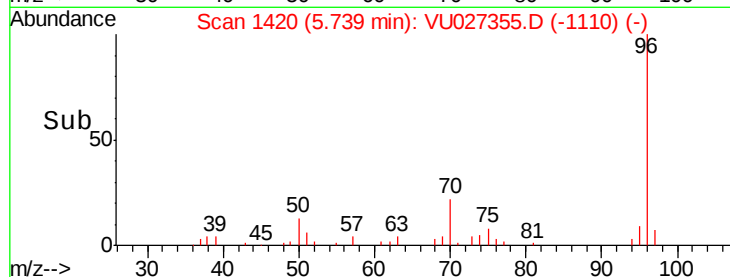


Abundance Ion 96.00 (95.70 to 96.70): VU027347.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU027347.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU027347.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU027347.D (-1407) (-)



#2

Dichlorodifluoromethane

Concen: 9.807 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027355.D

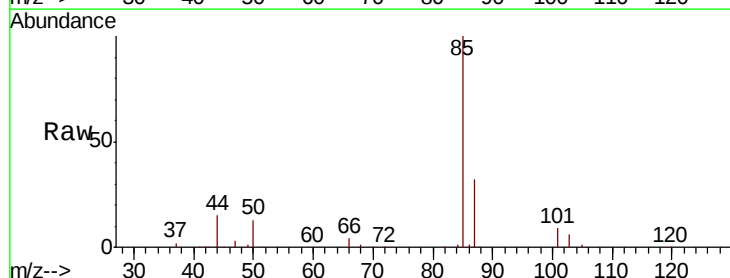
Acq: 02 Oct 2018 21:34

Tgt Ion: 85 Resp: 71973

Ion Ratio Lower Upper

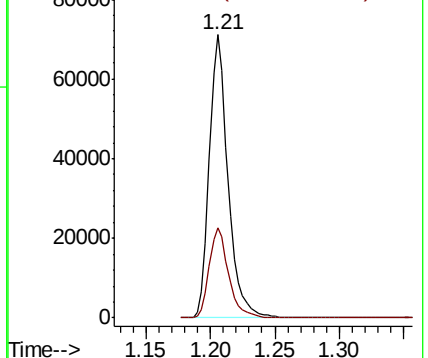
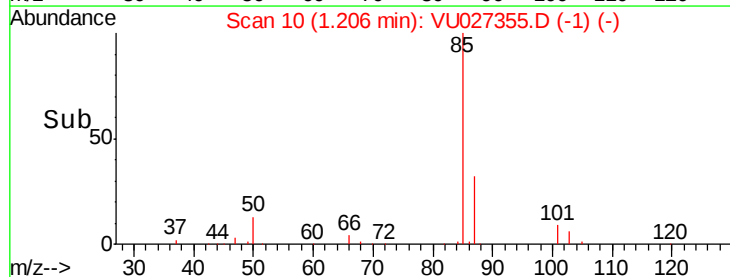
85 100

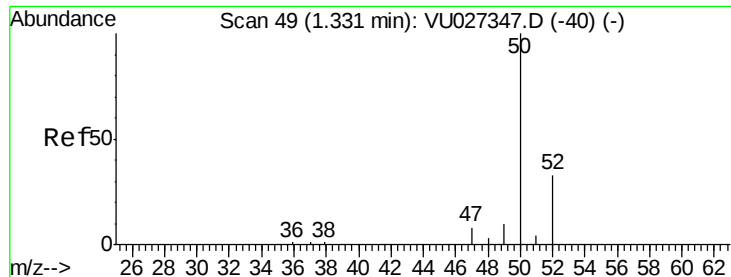
87 32.0 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU027347.D (-3) (-)

Ion 87.00 (86.70 to 87.70): VU027347.D (-3) (-)





#3

Chloromethane

Concen: 9.706 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 50 Resp: 82747

Ion Ratio Lower Upper

50 100

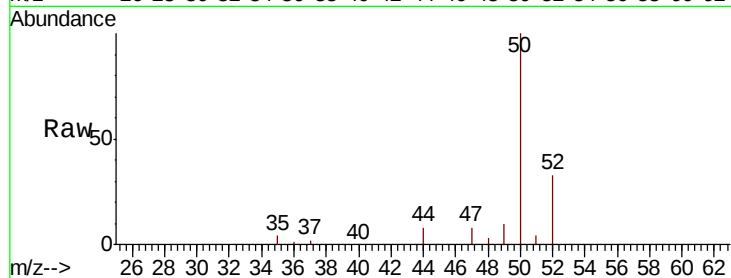
52 32.8 26.0 39.0

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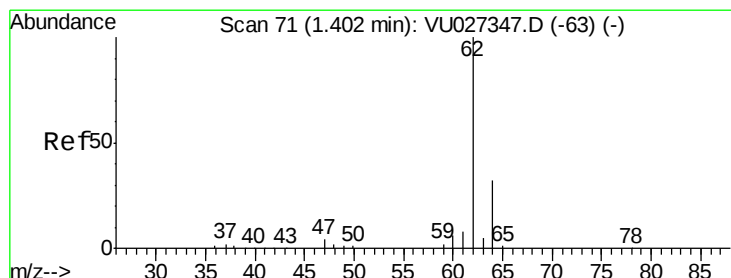
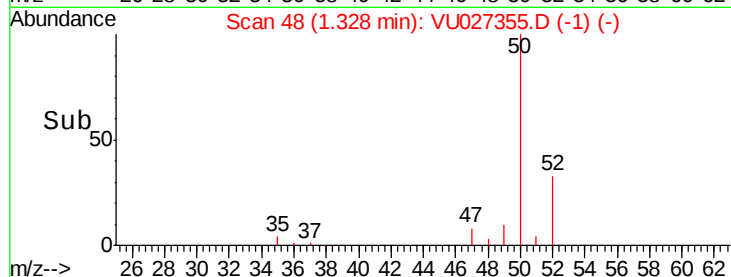
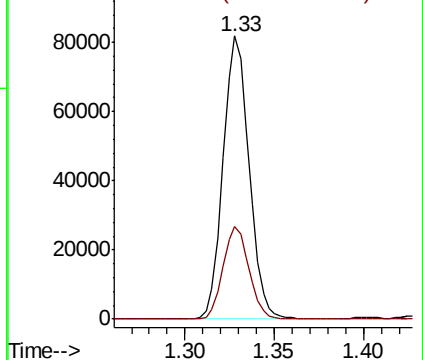
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Abundance Ion 50.00 (49.70 to 50.70): VU027347.D (-40) (-)

Ion 52.00 (51.70 to 52.70): VU027347.D (-40) (-)



#4

Vinyl Chloride

Concen: 9.911 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027355.D

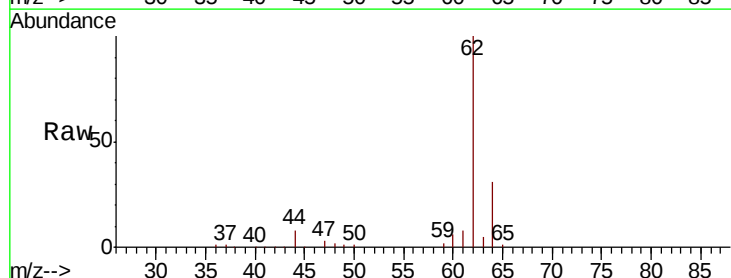
Acq: 02 Oct 2018 21:34

Tgt Ion: 62 Resp: 85957

Ion Ratio Lower Upper

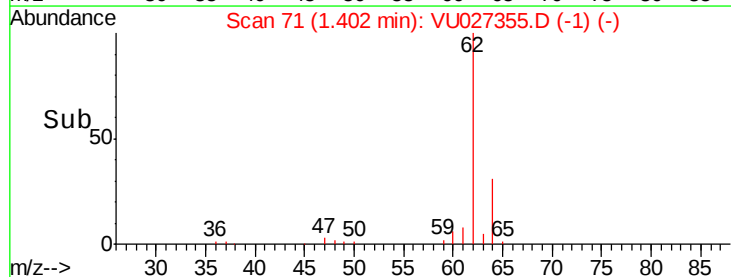
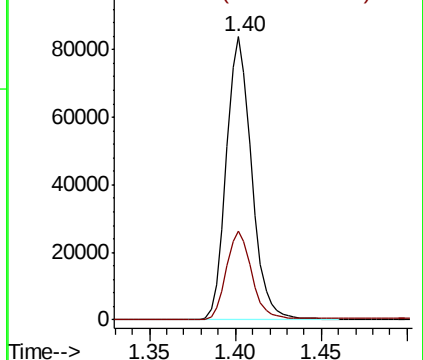
62 100

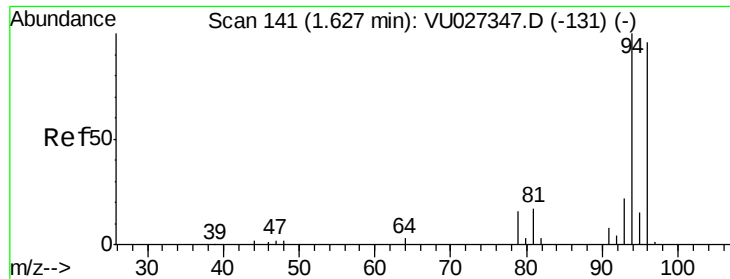
64 31.2 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU027347.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VU027347.D (-63) (-)





#5

Bromomethane

Concen: 11.799 ug/l

RT: 1.62 min Scan# 140

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 94 Resp: 42801

Ion Ratio Lower Upper

94 100

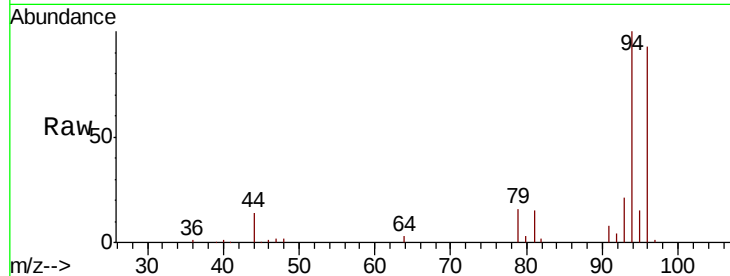
96 93.2 77.0 115.6

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Abundance Ion 94.00 (93.70 to 94.70): VU027347.D (-131) (-)

Ion 96.00 (95.70 to 96.70): VU027347.D (-131) (-)

1.62

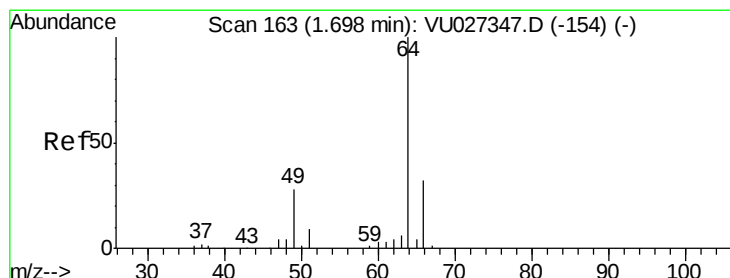
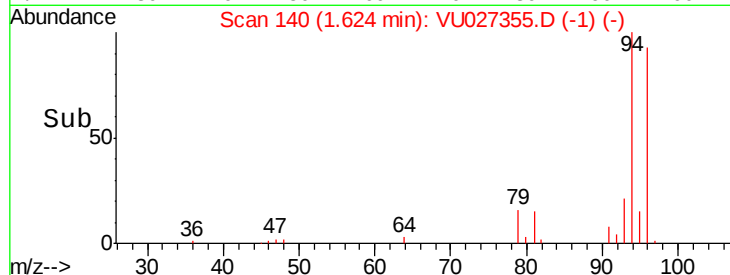
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 10.761 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027355.D

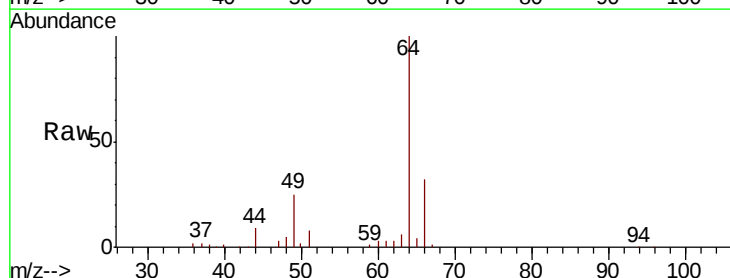
Acq: 02 Oct 2018 21:34

Tgt Ion: 64 Resp: 58634

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VU027347.D (-154) (-)

Ion 66.00 (65.70 to 66.70): VU027347.D (-154) (-)

1.70

50000

40000

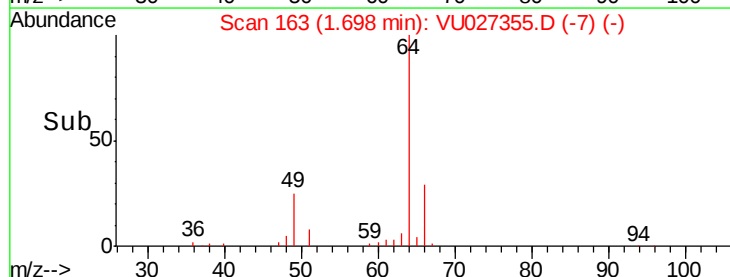
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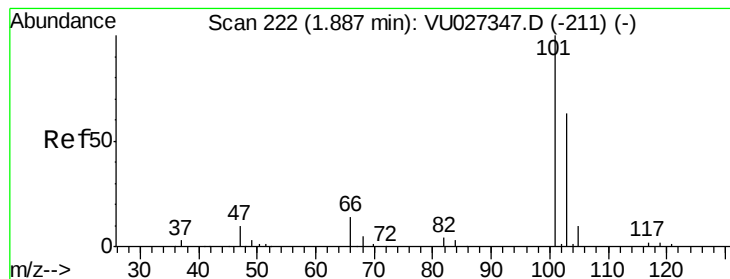
20000

10000

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Time-->





#7

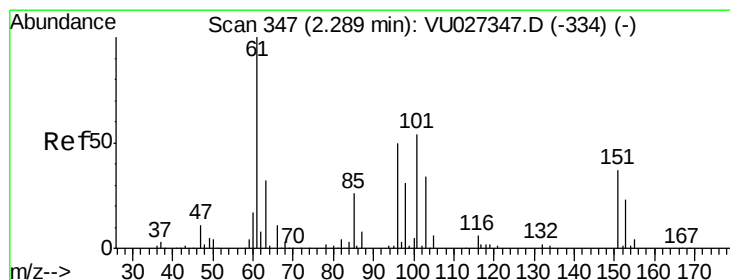
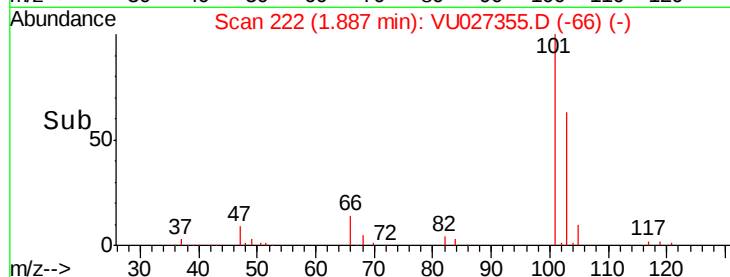
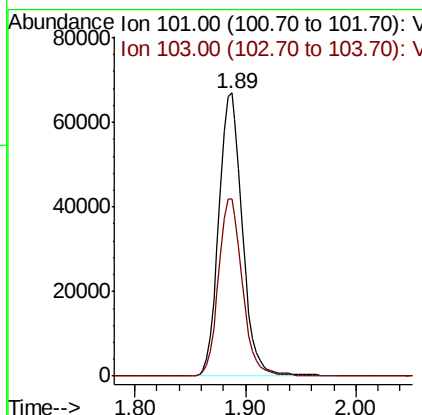
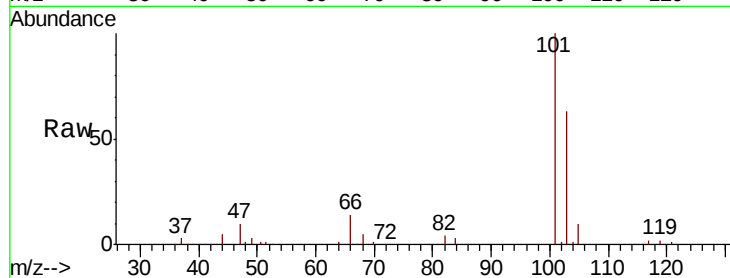
Trichlorofluoromethane
Concen: 9.856 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
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VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.8	76.2

Manual Integrations
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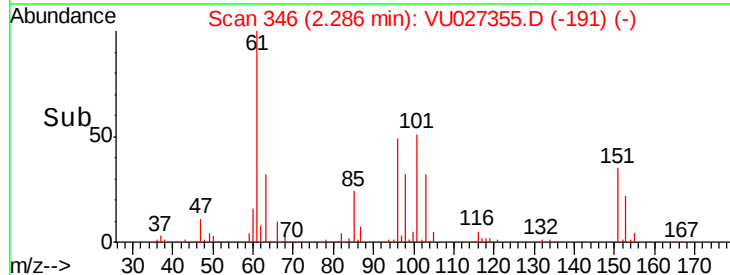
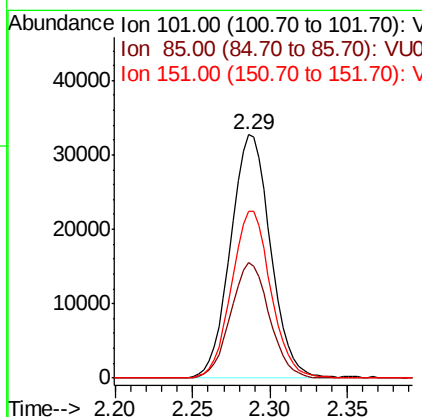
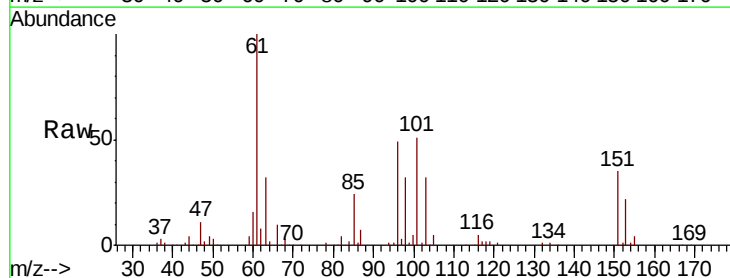
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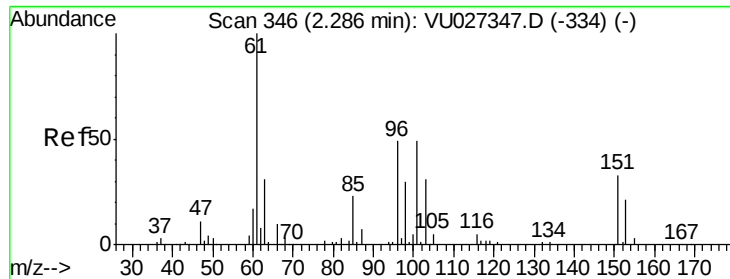


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.871 ug/l
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.1	37.6	56.4
151	67.9	54.6	81.8





#9

1,1-Dichloroethene

Concen: 9.848 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

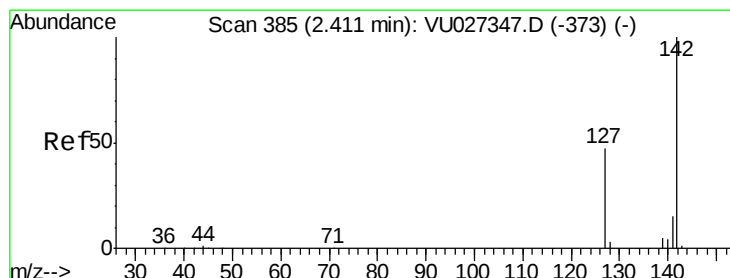
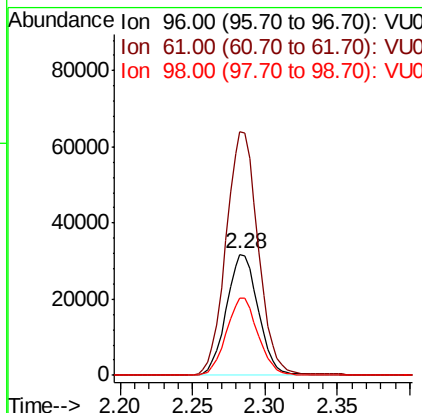
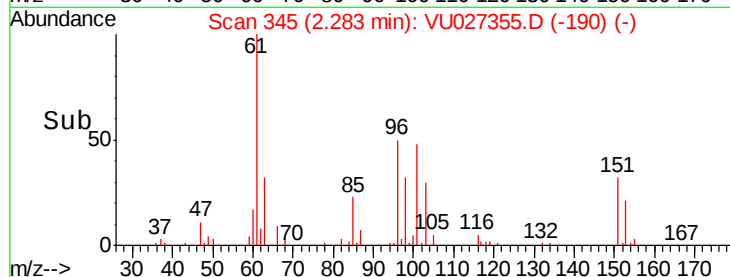
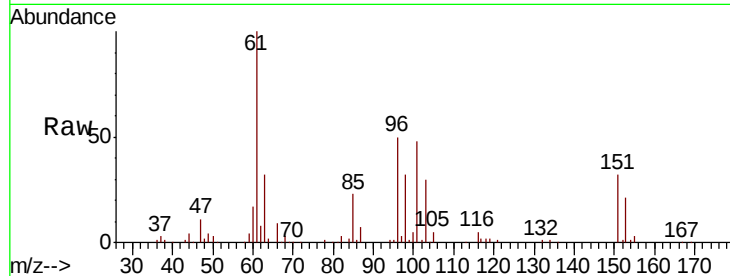
ClientSampleId :

VSTDCCC010EC

Tot Ion:	96	Resp:	48484
Ion Ratio	Lower	Upper	
96	100		
61	201.4	0.0	614.1
98	64.0	0.0	123.4

Manual Integrations
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#10

Iodomethane

Concen: 10.318 ug/l

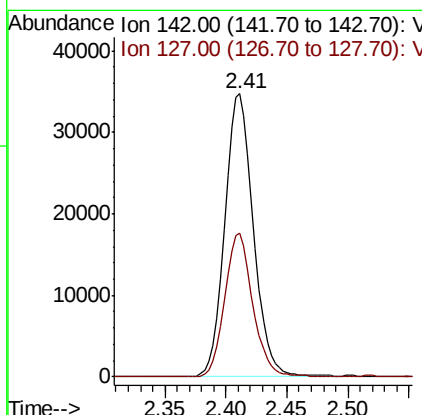
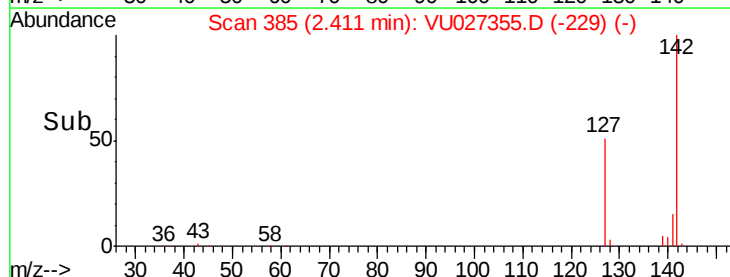
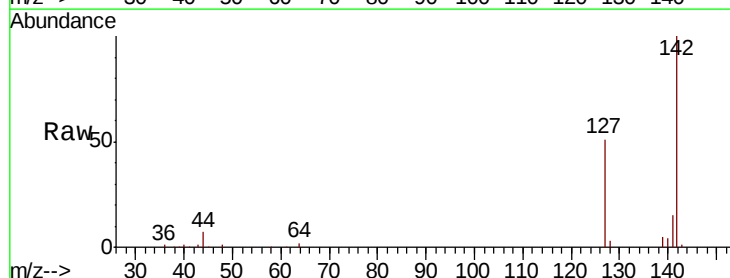
RT: 2.41 min Scan# 385

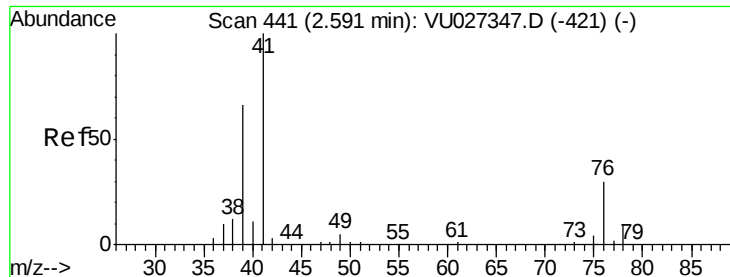
Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Tgt Ion:	142	Resp:	57246
Ion Ratio	Lower	Upper	
142	100		
127	49.7	38.3	57.5





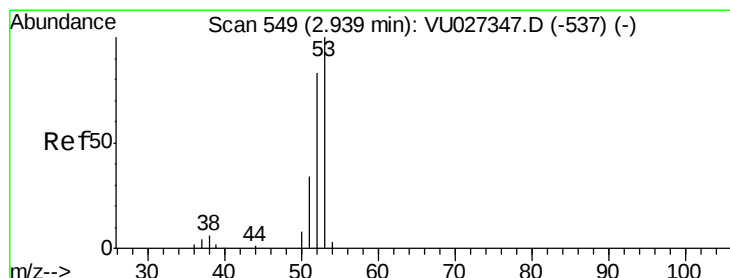
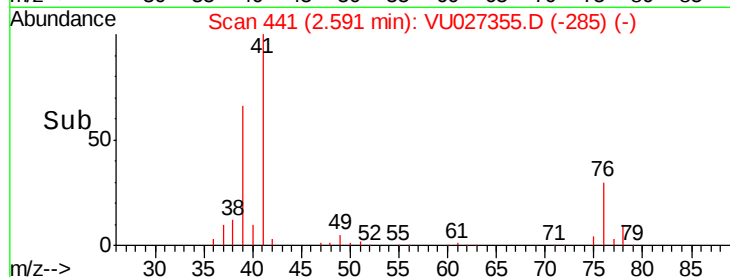
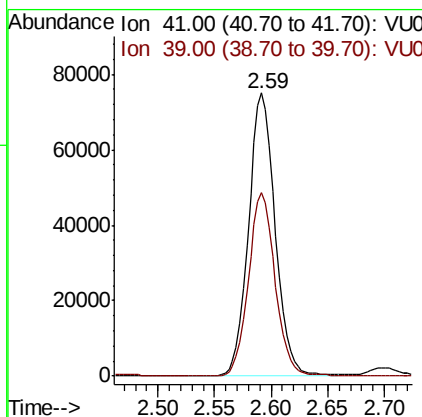
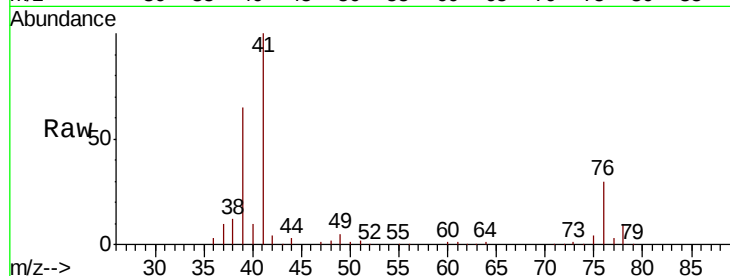
#11
Allvl Chloride
Concen: 9.445 ug/l
RT: 2.59 min Scan# 441
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.9	52.2	78.4

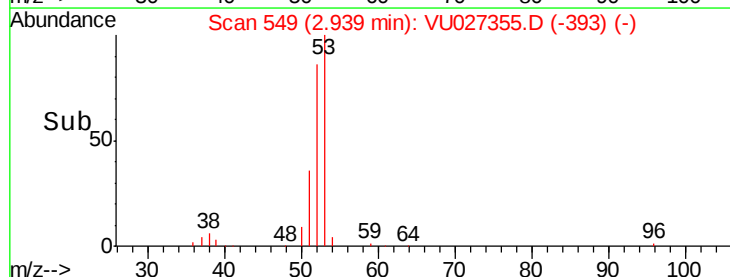
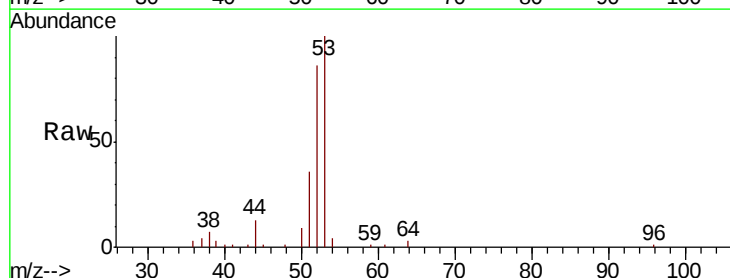
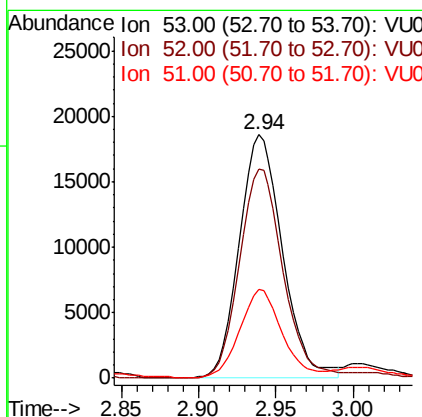
Manual Integrations
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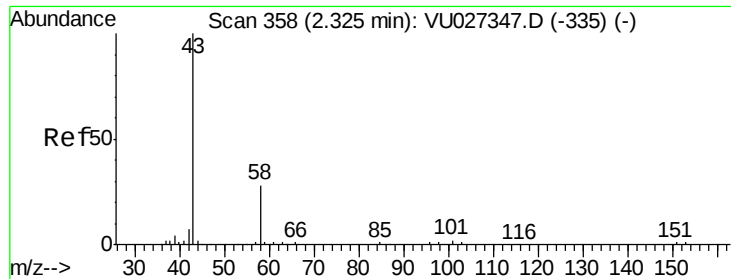
apatel
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#12
Acrylonitrile
Concen: 21.235 ug/l
RT: 2.94 min Scan# 549
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
53	100		
52	86.4	67.0	100.4
51	35.9	29.0	43.6





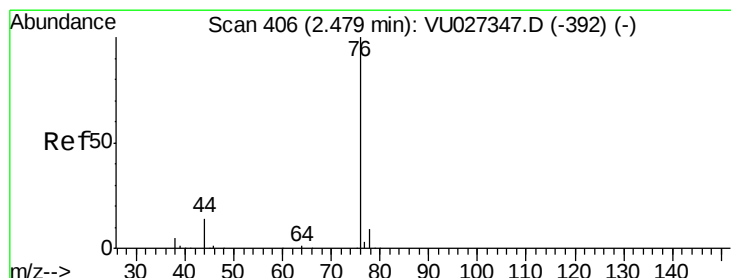
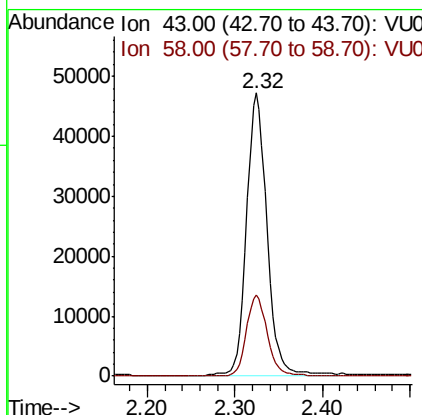
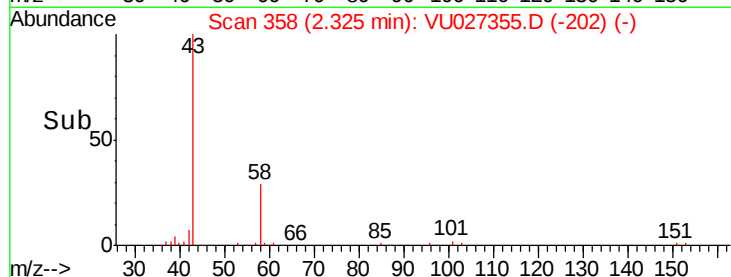
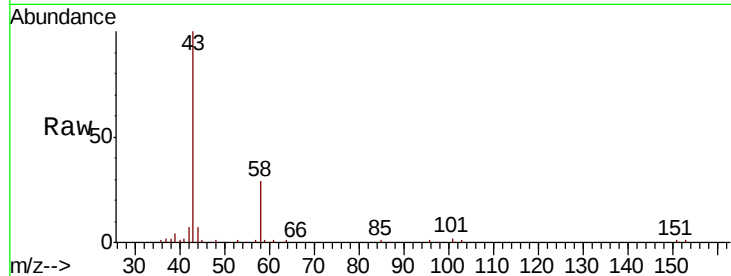
#13
Acetone
Concen: 54.008 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.6	34.0

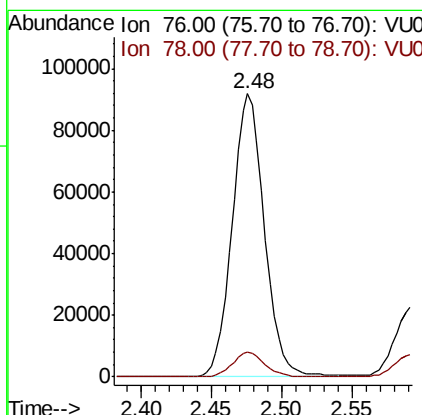
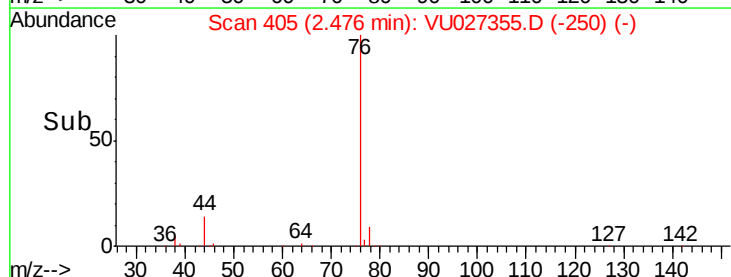
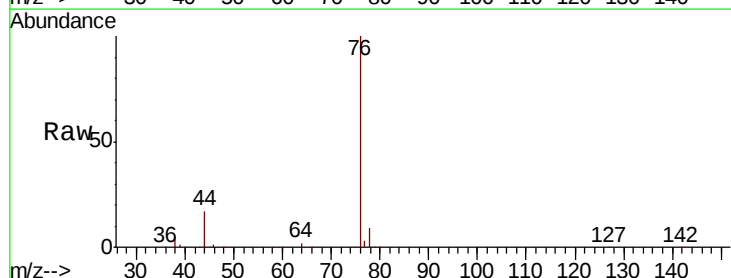
Manual Integrations
APPROVED

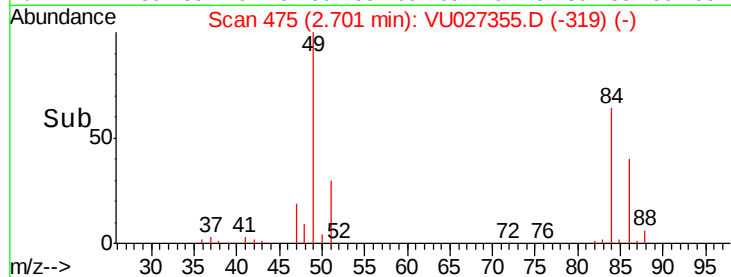
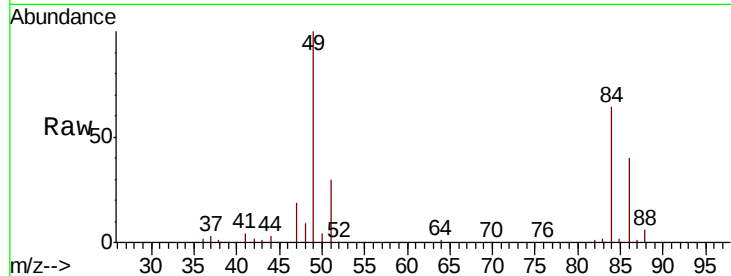
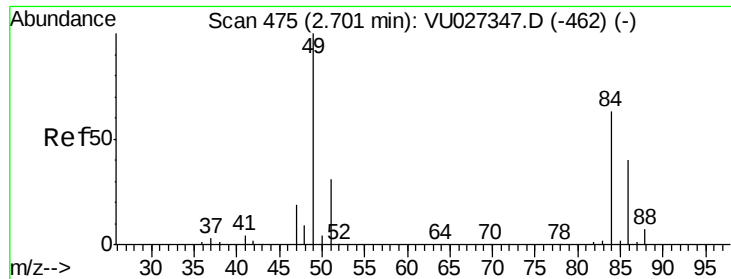
apatel
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#14
Carbon Disulfide
Concen: 9.576 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9





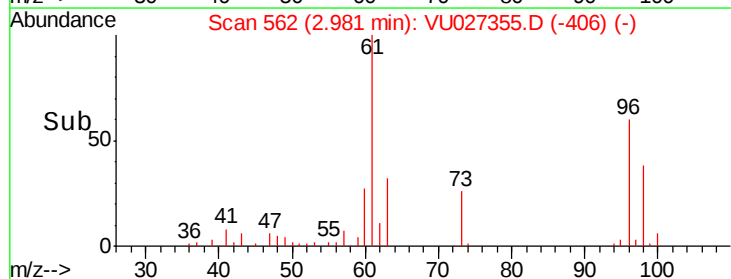
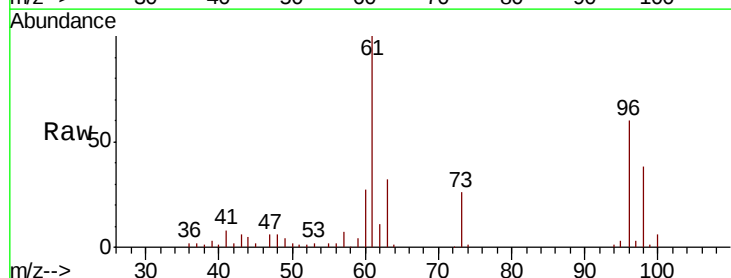
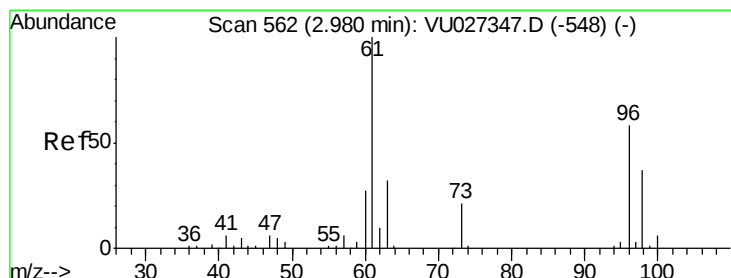
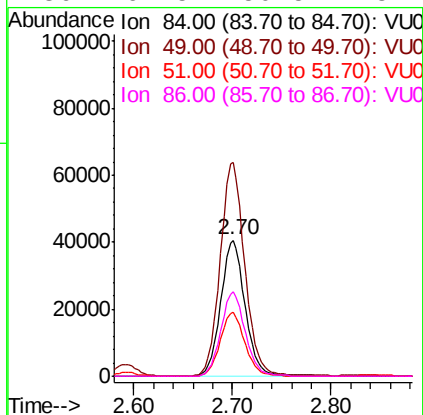
#15
Methvlene Chloride
Concen: 11.037 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tot Ion	84	Resp	70406
Ion Ratio	Lower	Upper	
84	100		
49	157.1	126.0	189.0
51	47.1	0.0	97.4
86	62.5	50.5	75.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

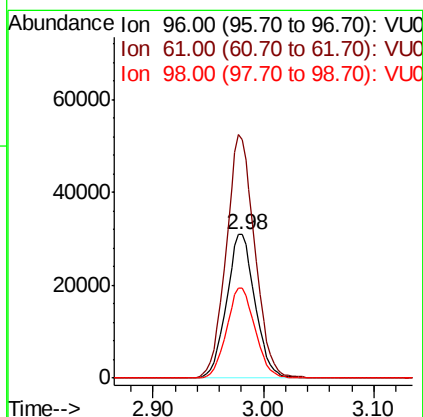
Manual Integrations
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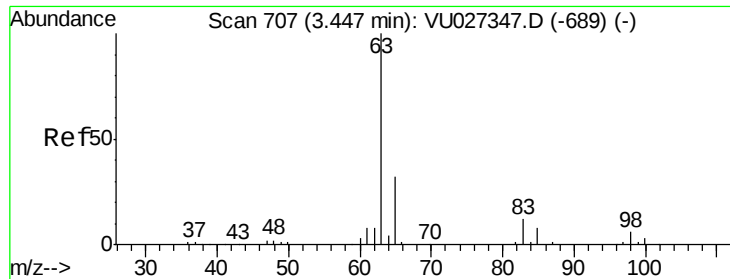
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#16
trans-1,2-Dichloroethene
Concen: 9.690 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	96	Resp	55488
Ion Ratio	Lower	Upper	
96	100		
61	166.3	138.2	207.4
98	62.6	51.5	77.3





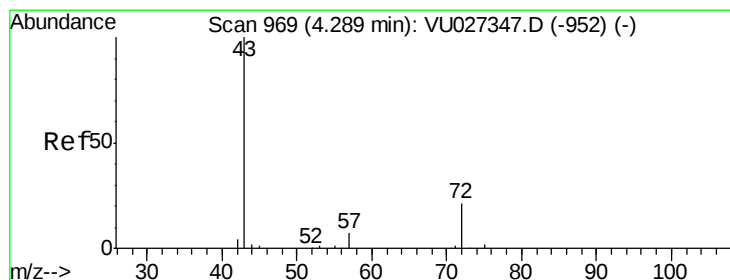
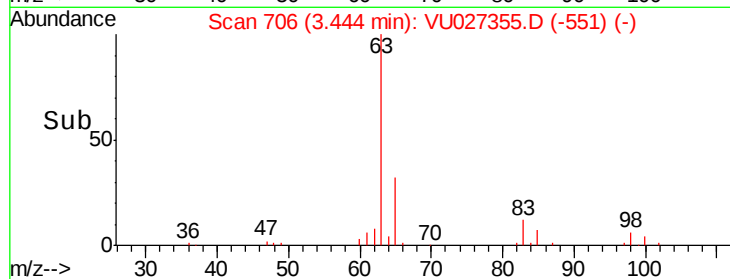
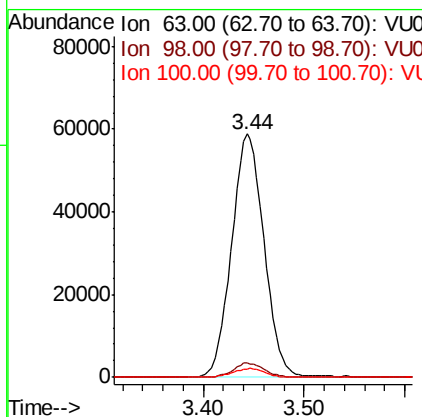
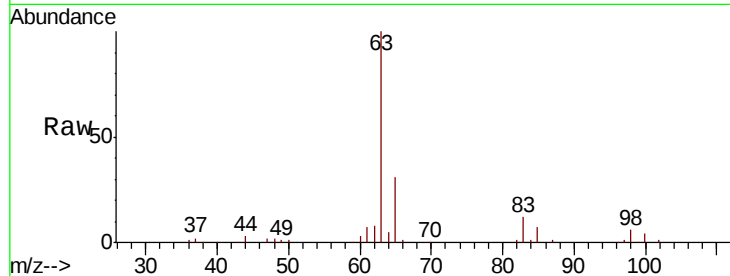
#17
 1,1-Dichloroethane
 Concen: 9.503 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	63	Resp:	131361
Ion Ratio	Lower	Upper	
63	100		
98	5.9	2.9	8.6
100	3.6	1.8	5.3

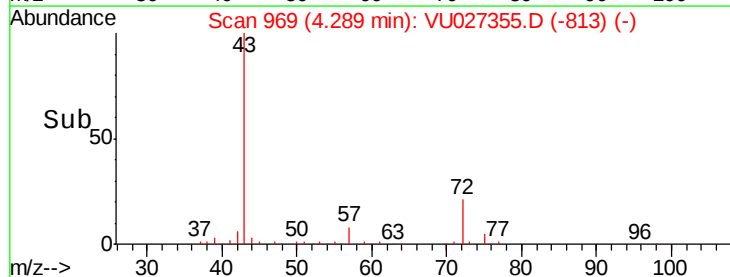
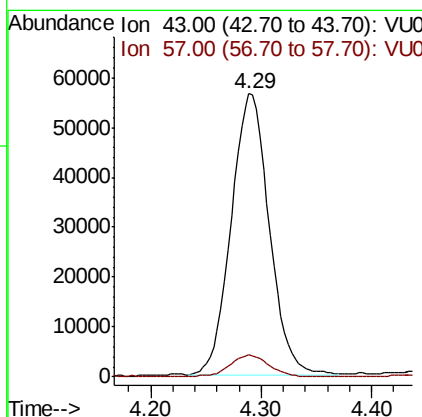
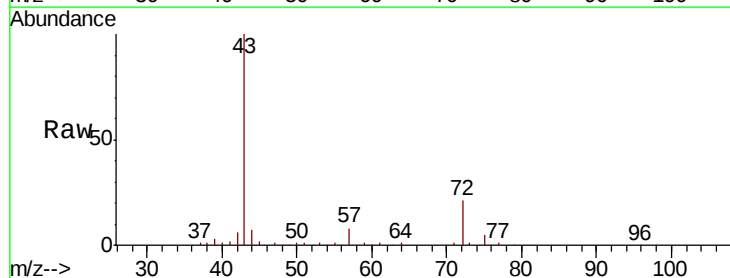
Manual Integrations
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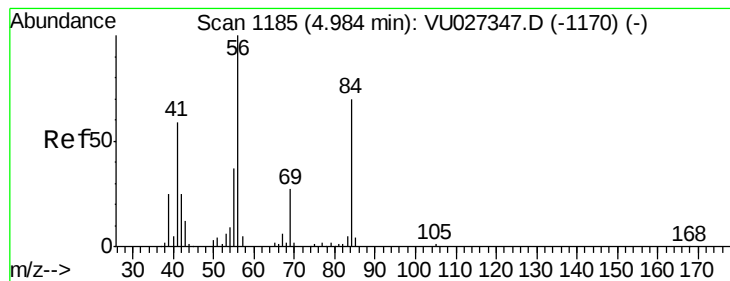
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#18
 2-Butanone
 Concen: 51.598 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion:	43	Resp:	134283
Ion Ratio	Lower	Upper	
43	100		
57	7.8	0.0	14.4





#19

Cyclohexane

Concen: 9.951 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

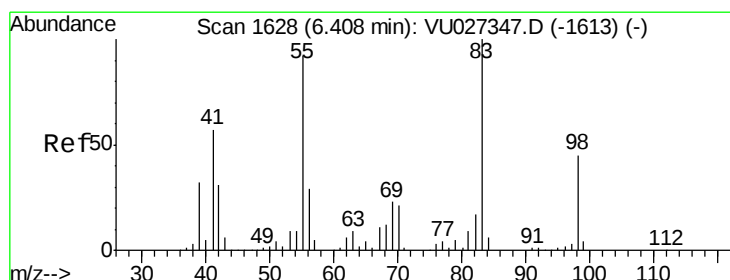
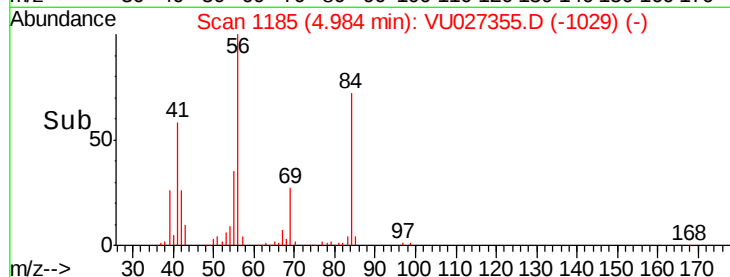
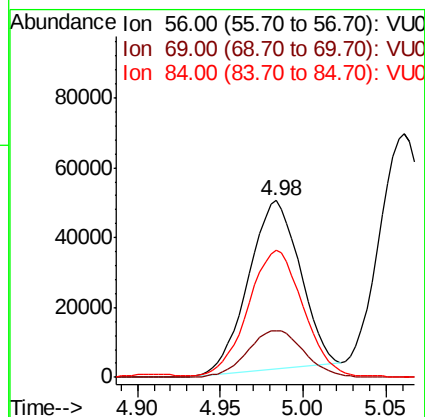
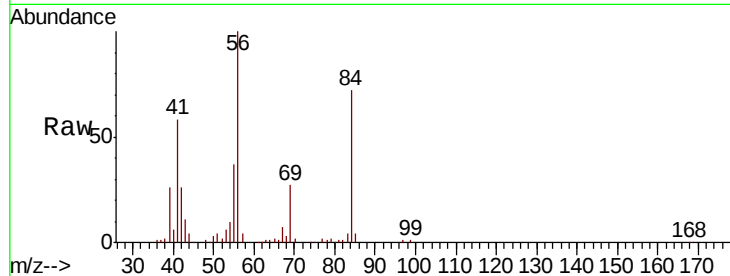
ClientSampleId :

VSTDCCC010EC

Tot Ion:	56	Resp:	103914
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.9	37.3
84	80.0	63.0	94.6

Manual Integrations
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#20

Methylcyclohexane

Concen: 9.580 ug/l

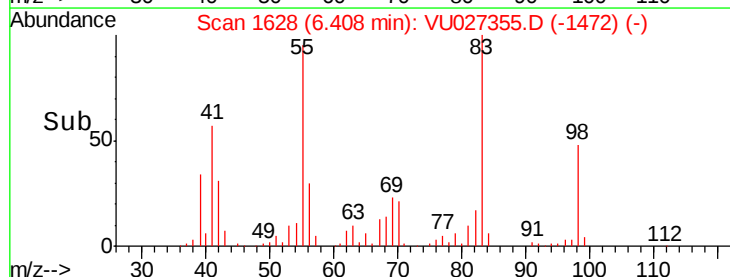
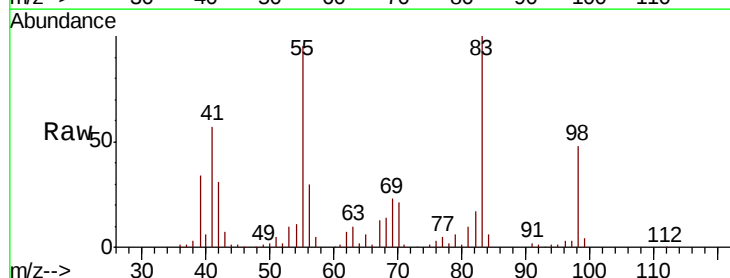
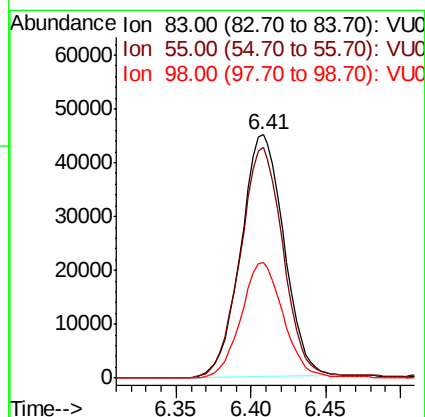
RT: 6.41 min Scan# 1628

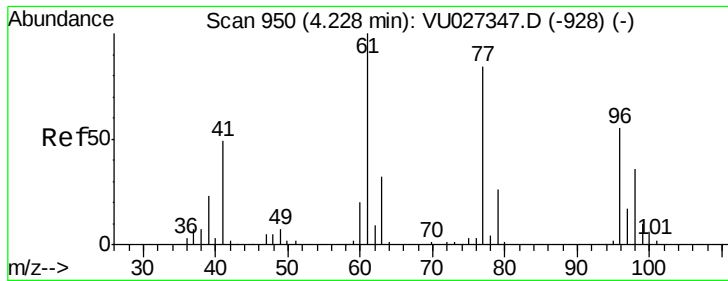
Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Tgt Ion:	83	Resp:	89829
Ion Ratio	Lower	Upper	
83	100		
55	94.3	71.6	107.4
98	46.3	35.8	53.6





#21

2,2-Dichloropropane

Concen: 8.708 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 77 Resp: 103087

Ion Ratio Lower Upper

77 100

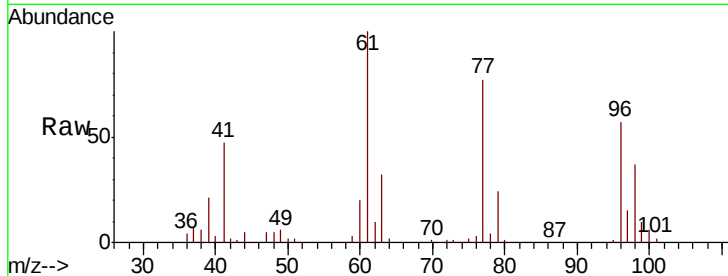
97 19.8 16.0 24.0

Manual Integrations

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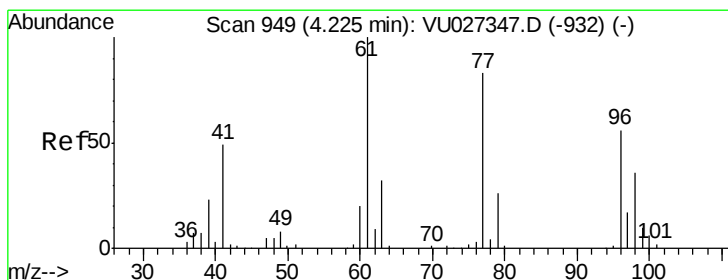
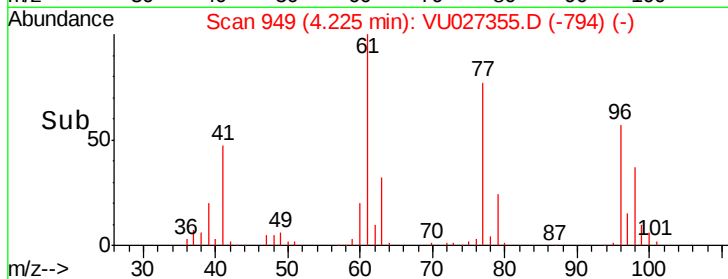
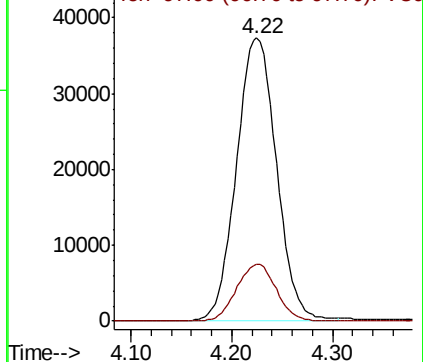
apatel

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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: 9.890 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

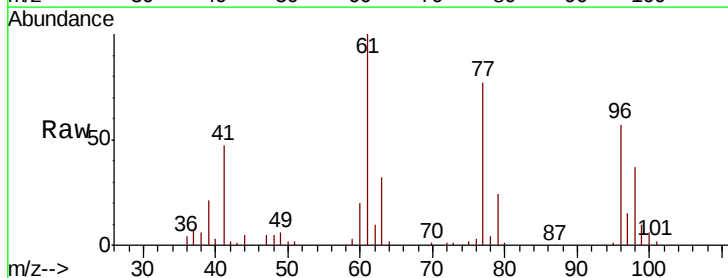
Tgt Ion: 96 Resp: 68240

Ion Ratio Lower Upper

96 100

61 177.3 0.0 461.8

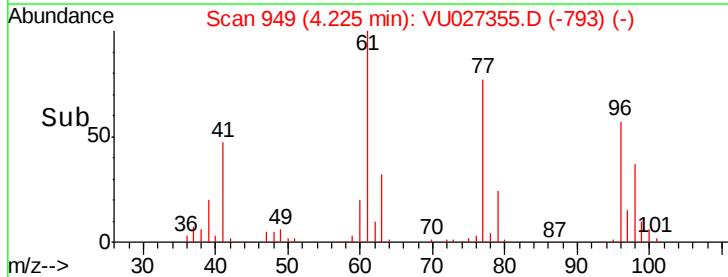
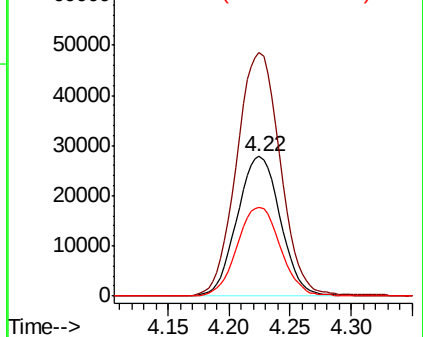
98 64.4 32.5 97.4

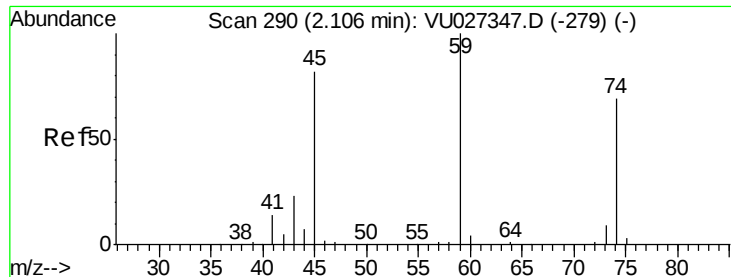


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





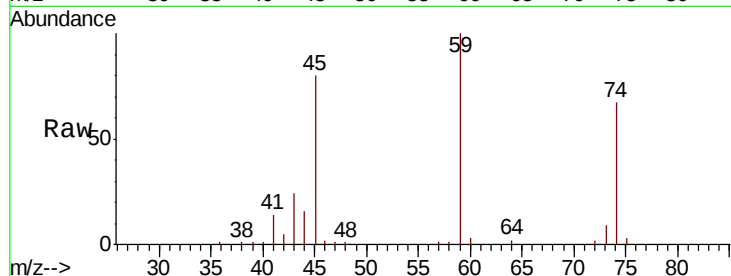
#23
Diethyl Ether
Concen: 9.917 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
59	100		
45	79.9	65.2	97.8
74	67.0	54.2	81.4

Manual Integrations
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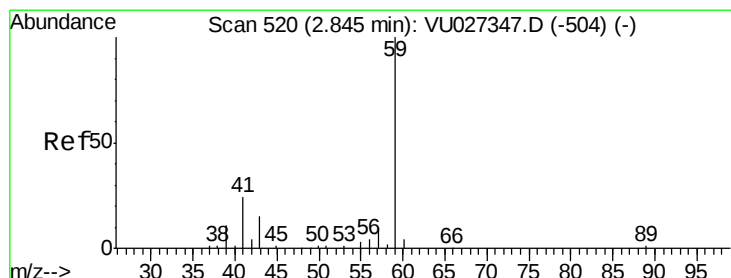
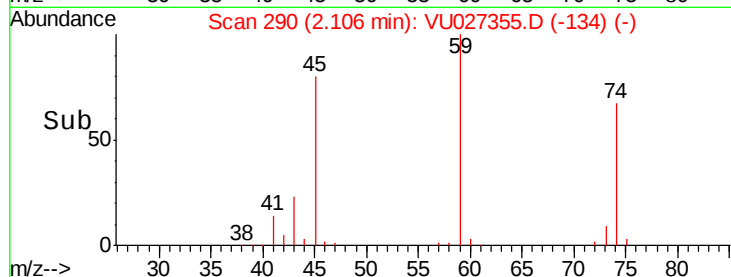
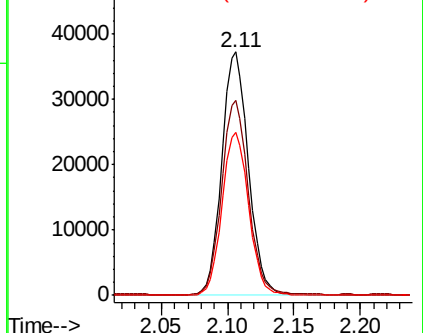


Abundance

Ion 59.00 (58.70 to 59.70): VU0

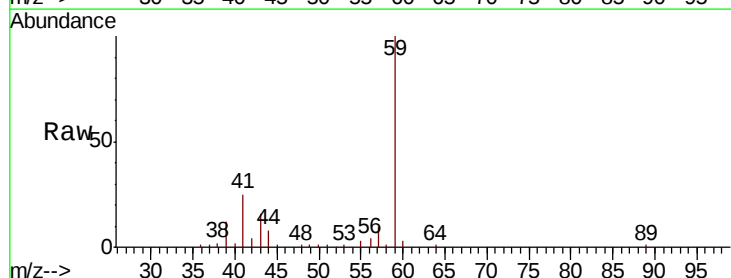
Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24
tert-Butyl Alcohol
Concen: 112.829 ug/l
RT: 2.85 min Scan# 520
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

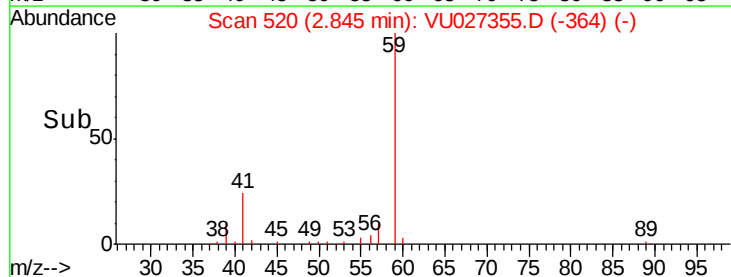
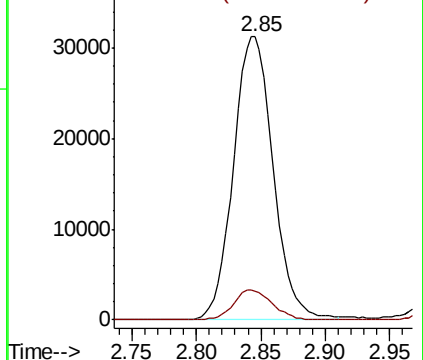
Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

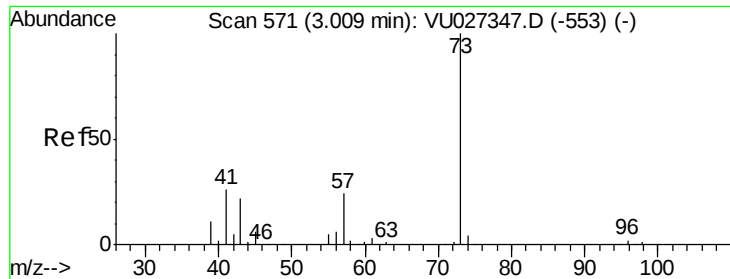


Abundance

Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

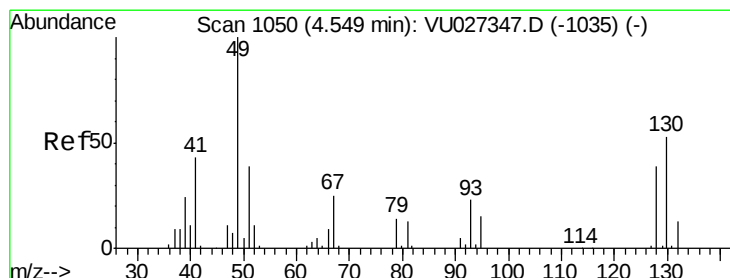
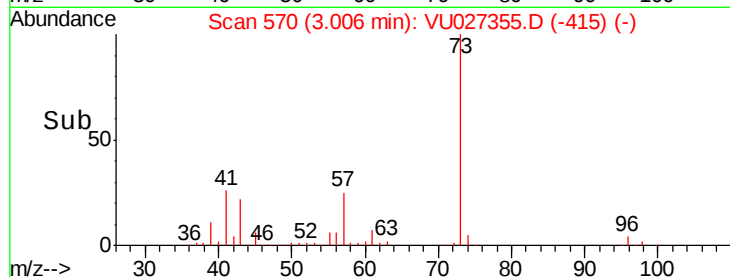
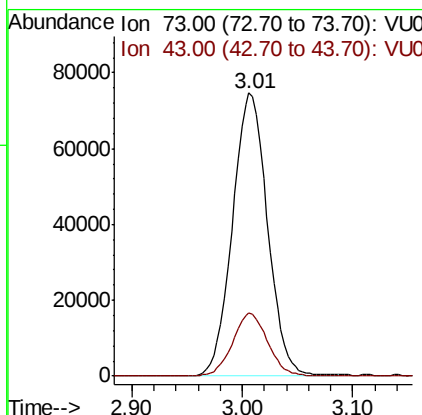
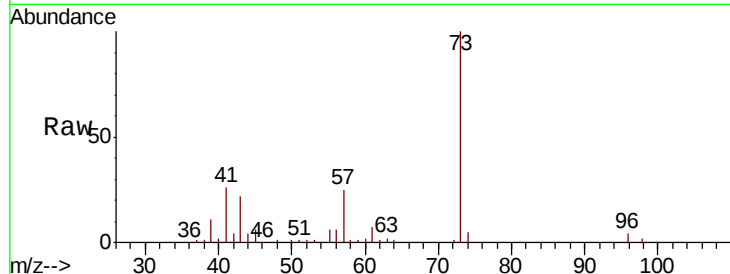
Methvl tert-Butvl Ether
 Concen: 10.004 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	73	Resp	164356
Ion Ratio	Lower	Upper	
73	100		
43	21.8	17.6	26.4

Manual Integrations
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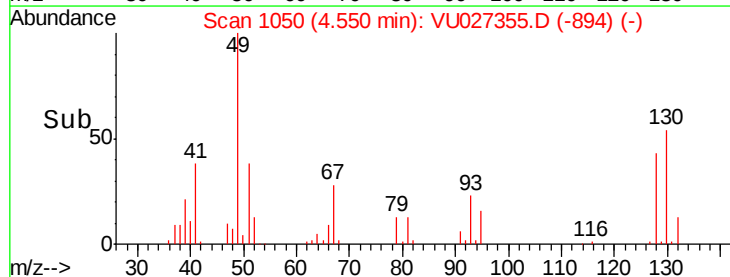
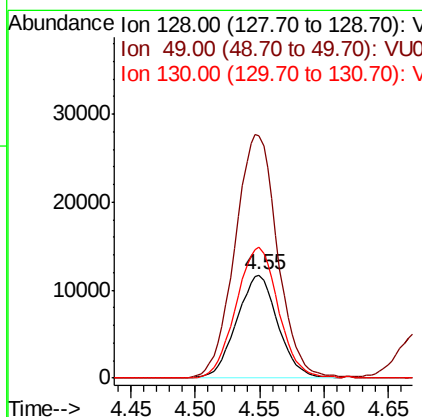
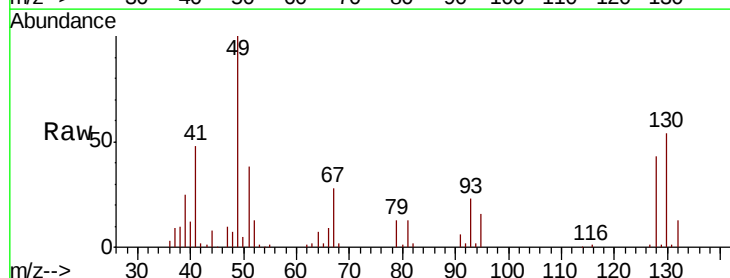
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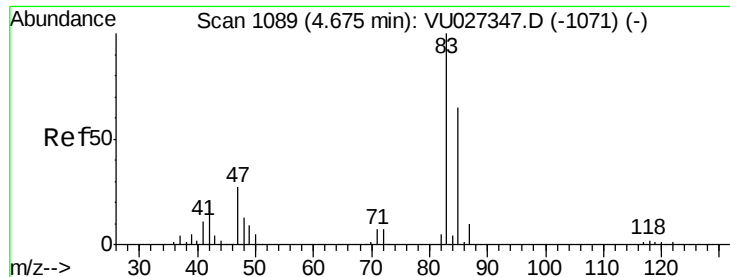


#26

Bromochloromethane
 Concen: 10.278 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion	128	Resp	26068
Ion Ratio	Lower	Upper	
128	100		
49	244.2	0.0	498.8
130	130.5	103.8	155.8





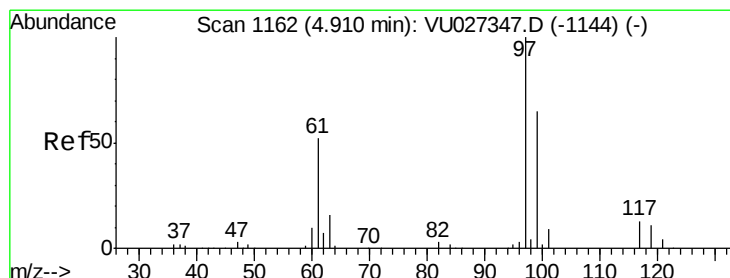
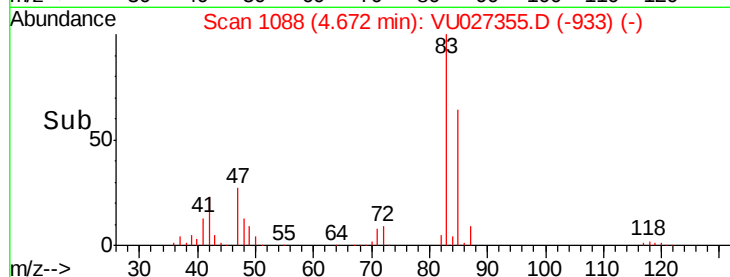
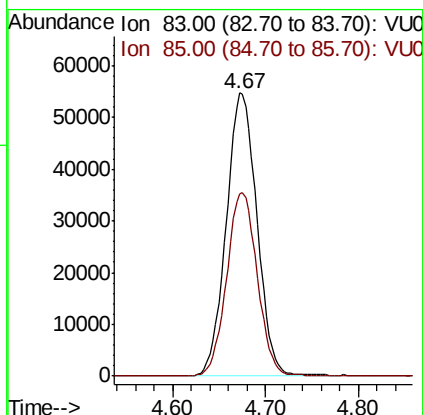
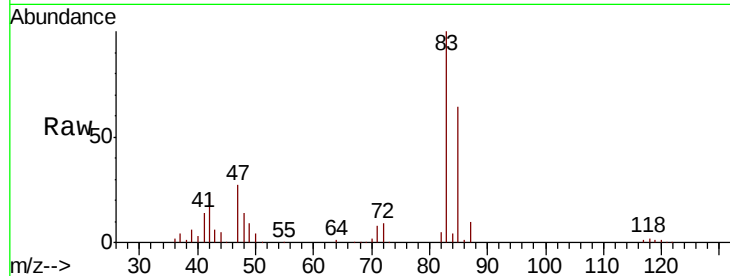
#27
Chloroform
Concen: 9.970 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	83	Resp	125816
Ion Ratio	100	Lower	Upper
85	64.3	0.0	129.4

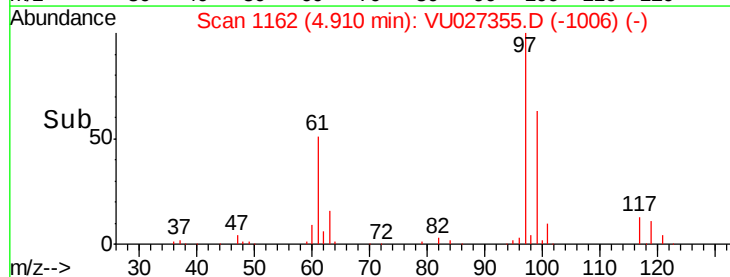
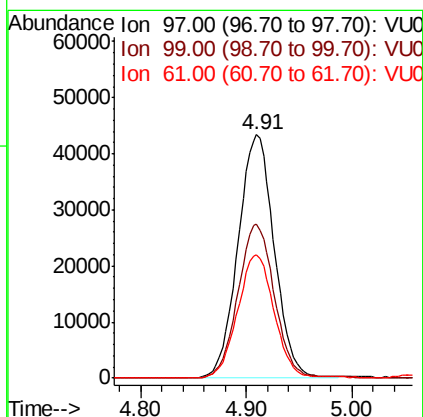
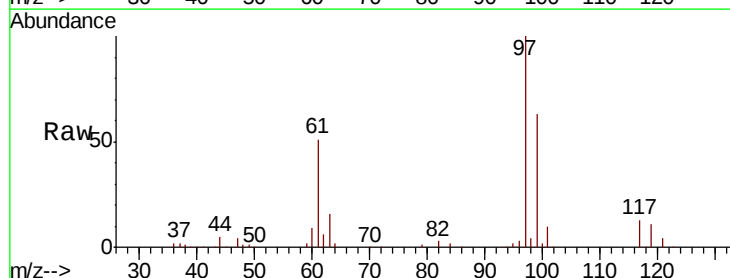
Manual Integrations
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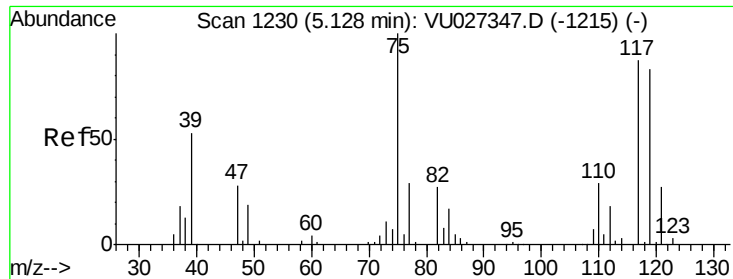
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#28
1,1,1-Trichloroethane
Concen: 10.145 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	97	Resp	103841
Ion Ratio	100	Lower	Upper
99	63.2	31.9	95.9
61	51.0	25.7	77.1





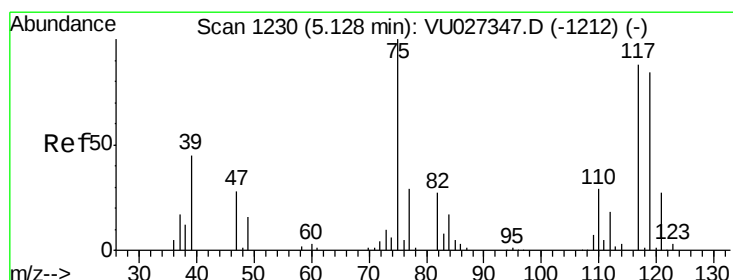
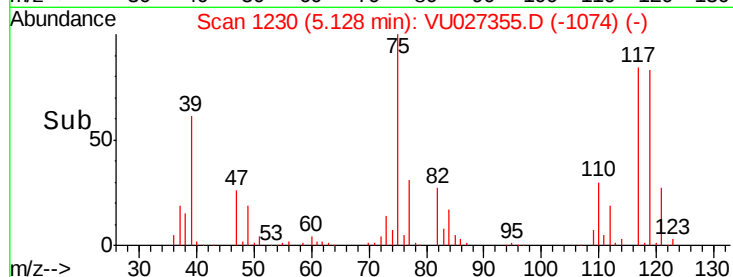
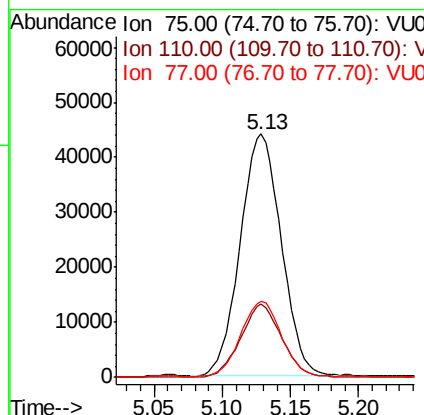
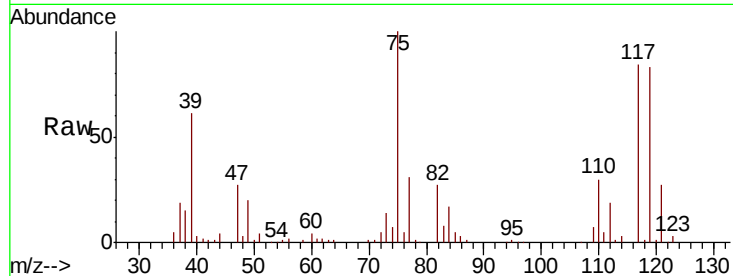
#29
1,1-Dichloropropene
Concen: 9.930 ug/l
RT: 5.13 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.0	45.0
77	30.8	24.2	36.2

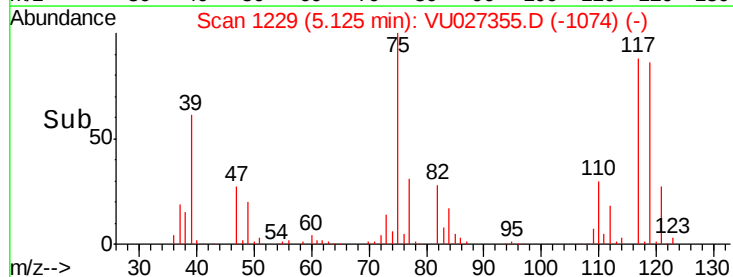
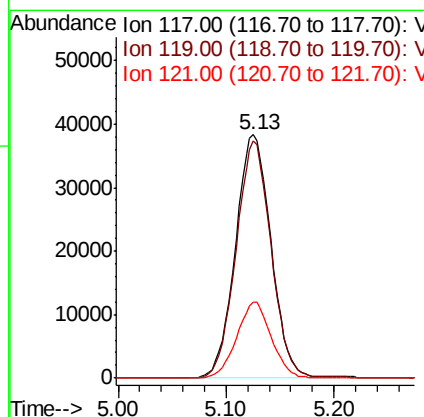
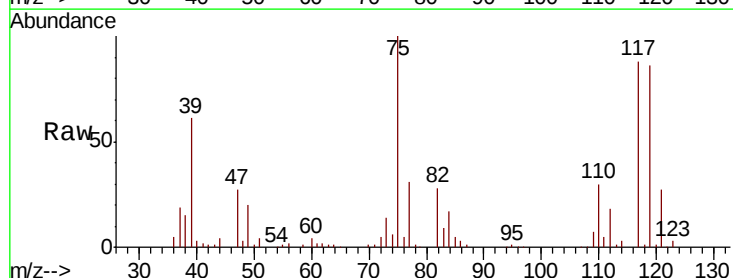
Manual Integrations
APPROVED

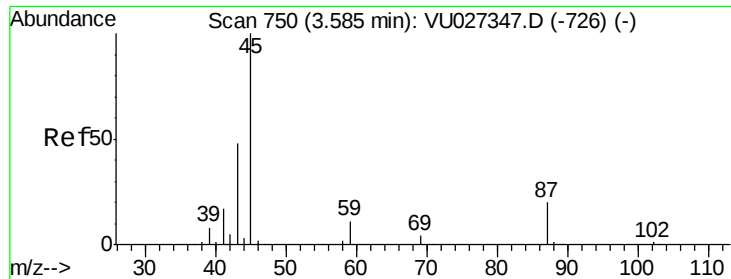
apatel
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#30
Carbon Tetrachloride
Concen: 10.398 ug/l
RT: 5.13 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.9	113.9
121	31.0	24.6	37.0





#31

Isopropyl Ether

Concen: 9.743 ug/l

RT: 3.59 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 256192

Ion Ratio Lower Upper

45 100

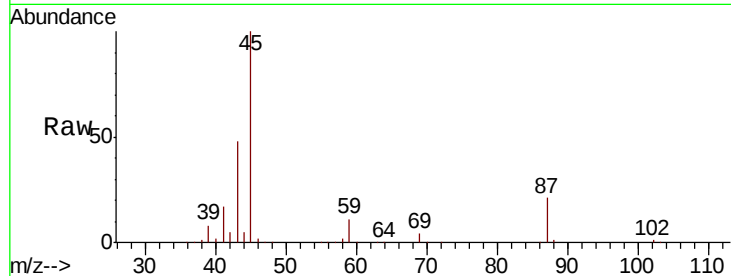
43 48.0 24.1 72.3

Manual Integrations

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

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

120000

100000

80000

60000

40000

20000

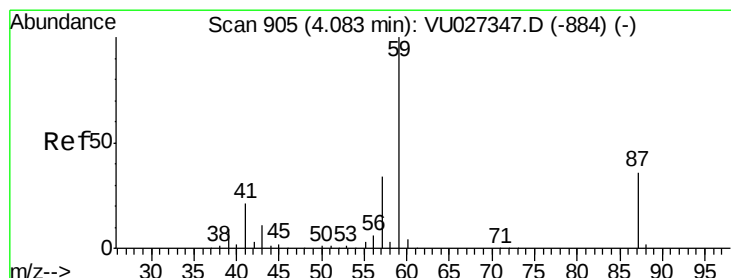
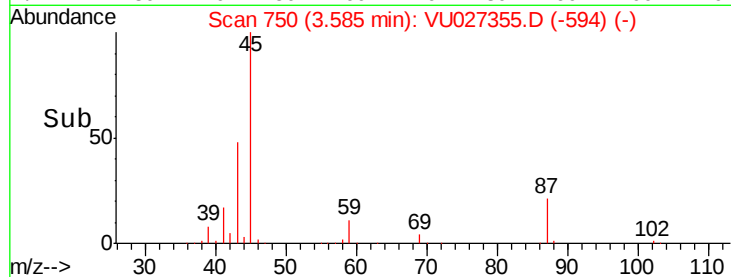
0

3.50

3.60

3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.145 ug/l

RT: 4.09 min Scan# 906

Delta R.T. 0.00 min

Lab File: VU027355.D

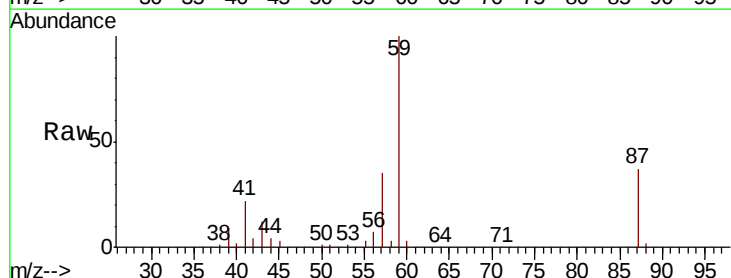
Acq: 02 Oct 2018 21:34

Tgt Ion: 59 Resp: 208256

Ion Ratio Lower Upper

59 100

87 36.0 28.6 42.8



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

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

80000

60000

40000

20000

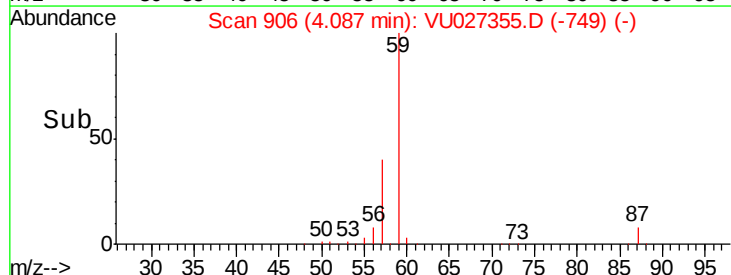
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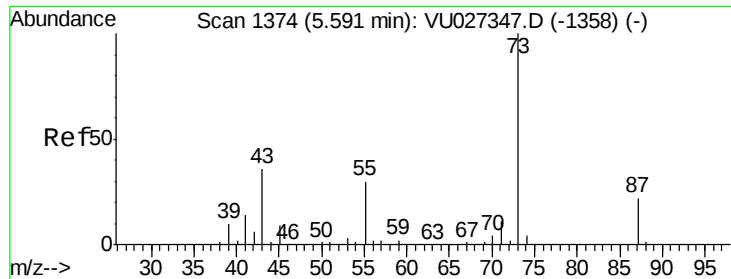
4.00

4.10

4.20

Time-->





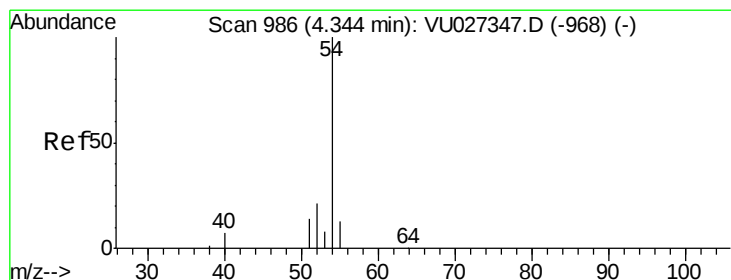
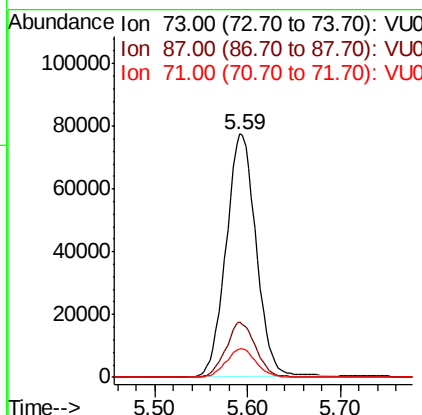
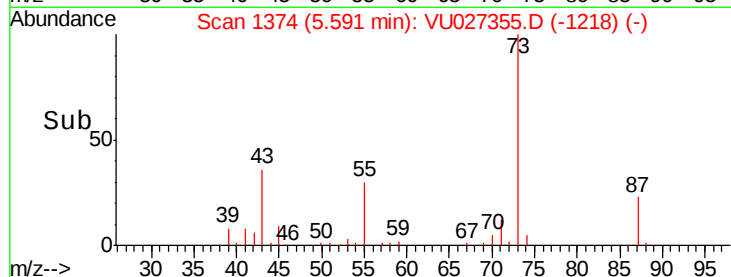
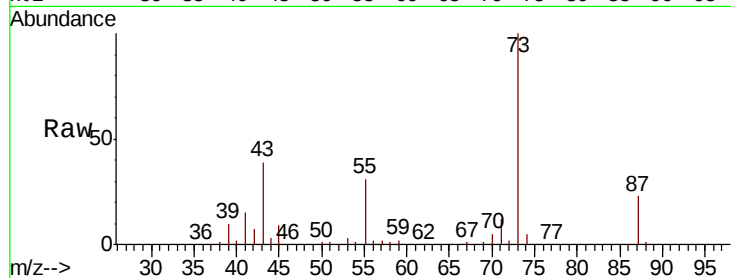
#33
Tert-Butyl methyl ether
Concen: 10.537 ug/l
RT: 5.59 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.2	18.1	27.1
71	11.5	9.2	13.8

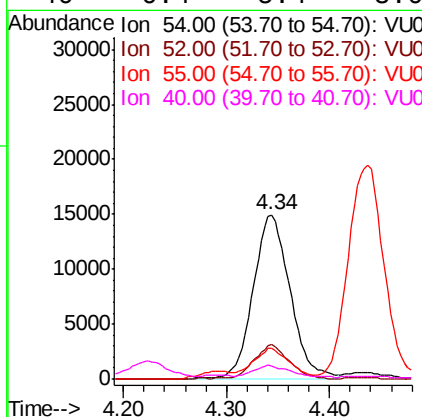
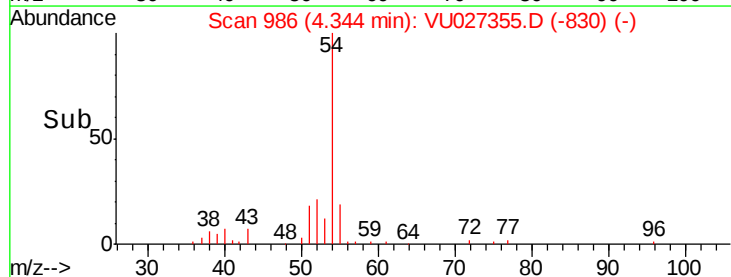
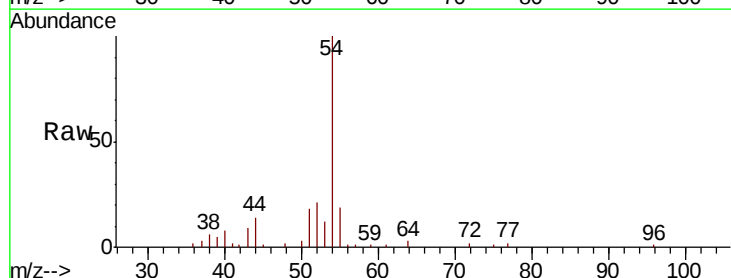
Manual Integrations
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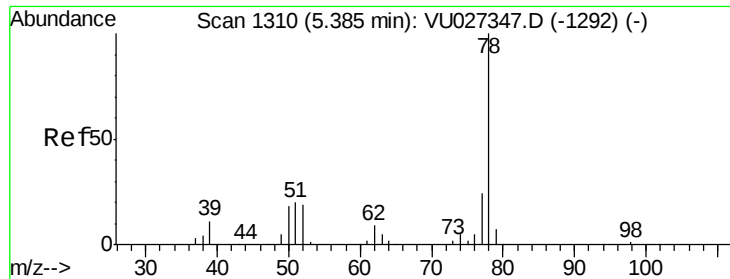
apatel
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#34
Propionitrile
Concen: 55.471 ug/l
RT: 4.34 min Scan# 986
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.0	16.9	25.3
55	16.6	13.9	20.9
40	6.4	5.4	8.0





#35

Benzene

Concen: 10.034 ug/l

RT: 5.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 78 Resp: 270459

Ion Ratio Lower Upper

78 100

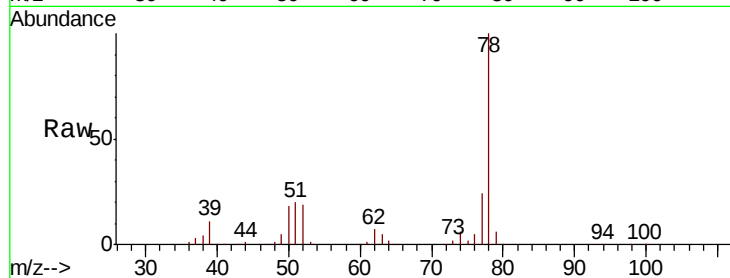
77 24.1 19.5 29.3

Manual Integrations

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

Ion 77.00 (76.70 to 77.70): VU027355.D (-1154) (-)

5.38

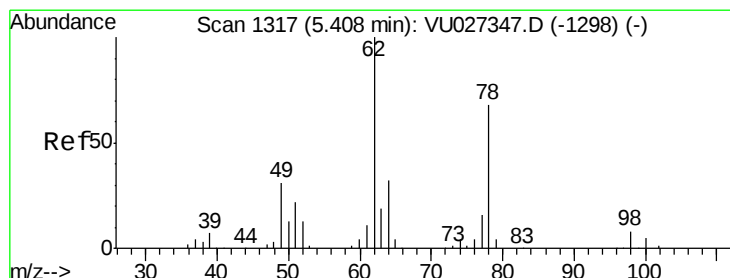
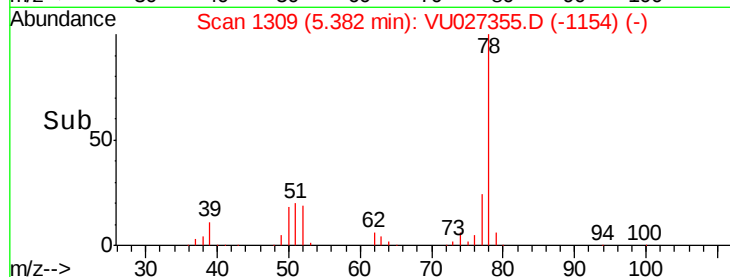
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.369 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027355.D

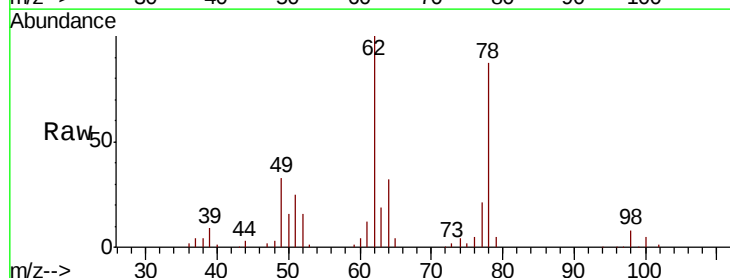
Acq: 02 Oct 2018 21:34

Tgt Ion: 62 Resp: 91631

Ion Ratio Lower Upper

62 100

98 7.6 6.2 9.2



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

Ion 98.00 (97.70 to 98.70): VU027355.D (-1161) (-)

5.40

50000

40000

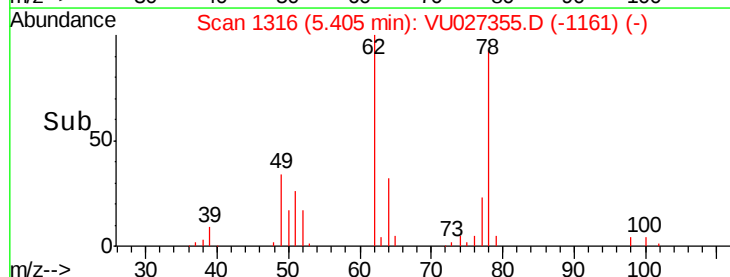
30000

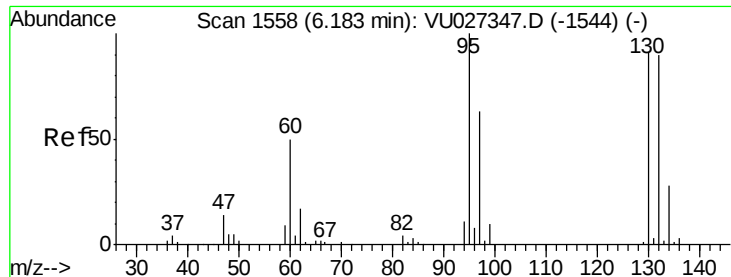
20000

10000

0

Time-->





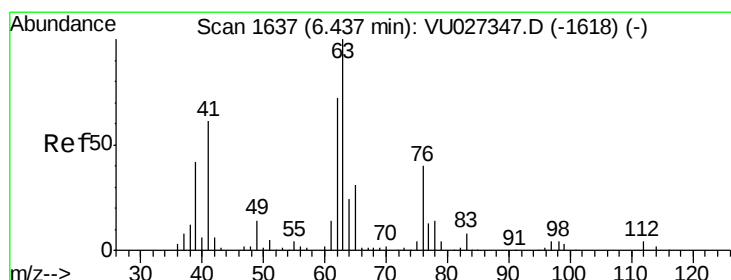
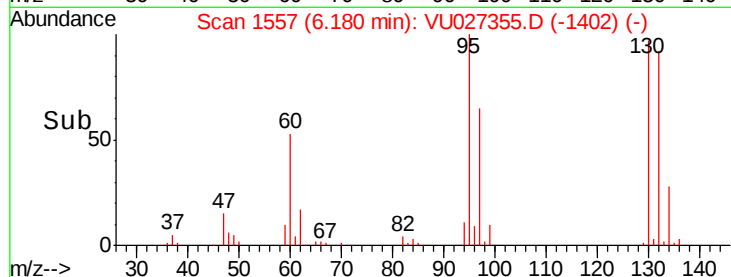
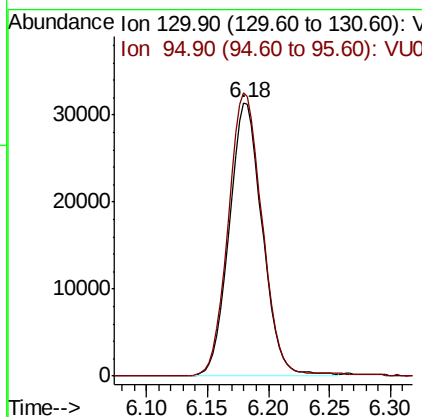
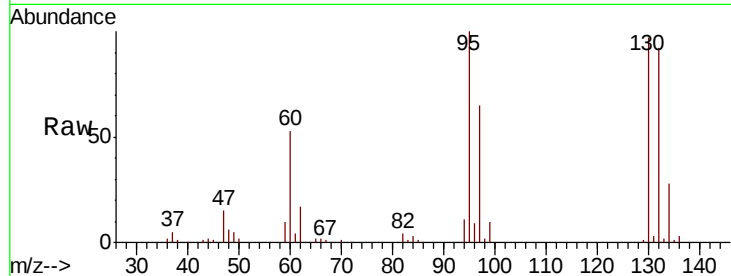
#37
 Trichloroethene
 Concen: 9.966 ug/l
 RT: 6.18 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:130 Resp: 59631
 Ion Ratio Lower Upper
 130 100
 95 103.5 87.6 131.4

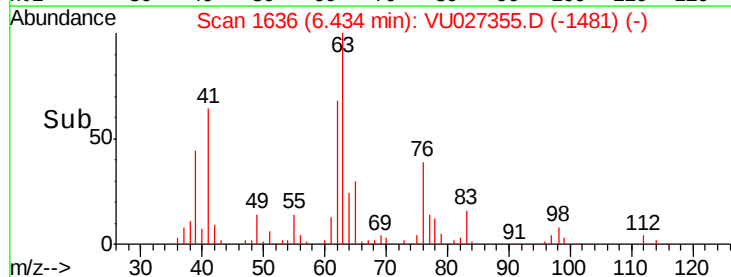
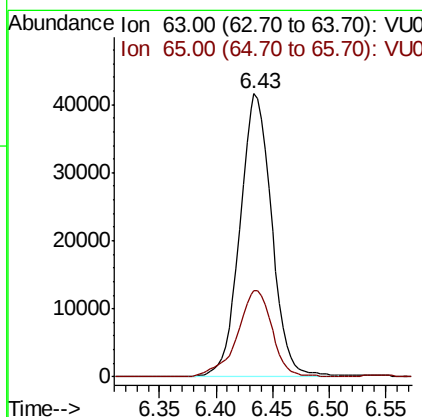
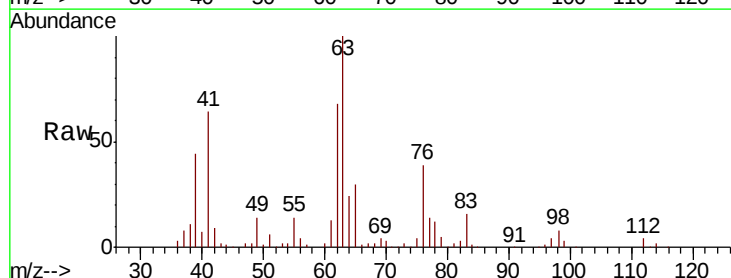
Manual Integrations
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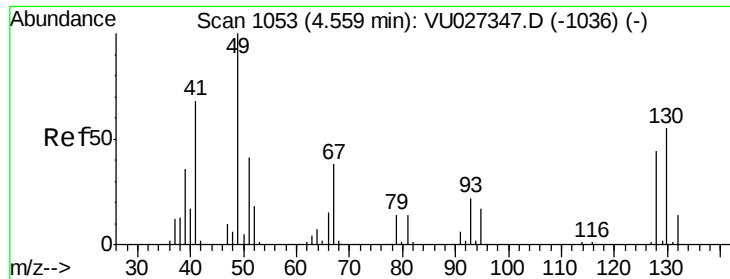
apatel
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#38
 1,2-Dichloropropane
 Concen: 9.990 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion: 63 Resp: 81410
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3





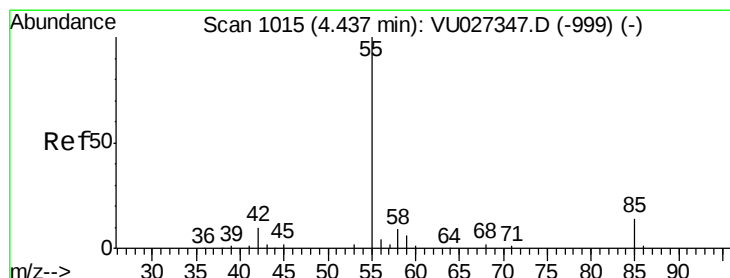
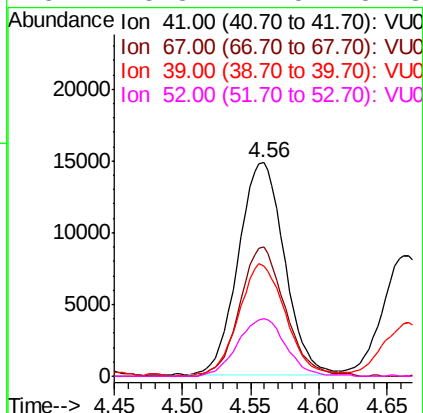
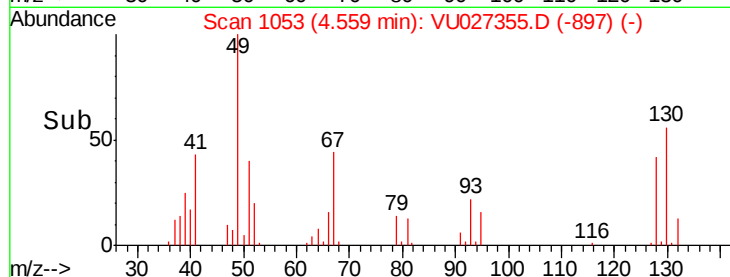
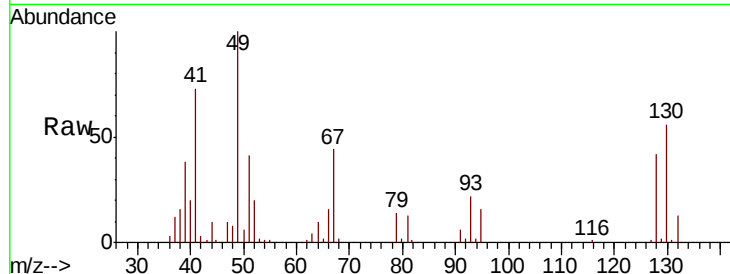
#39
Methacrylonitrile
Concen: 9.870 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	41	Resp	34679
Ion	Ratio	Lower	Upper
41	100		
67	60.1	46.2	69.2
39	54.2	43.8	65.6
52	28.3	21.5	32.3

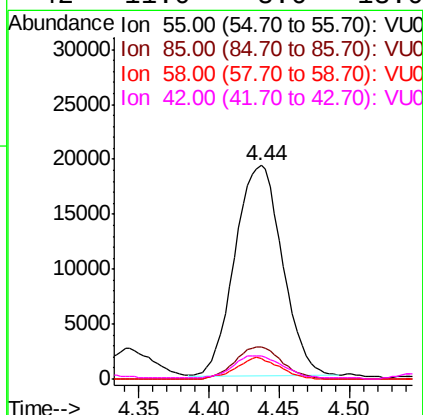
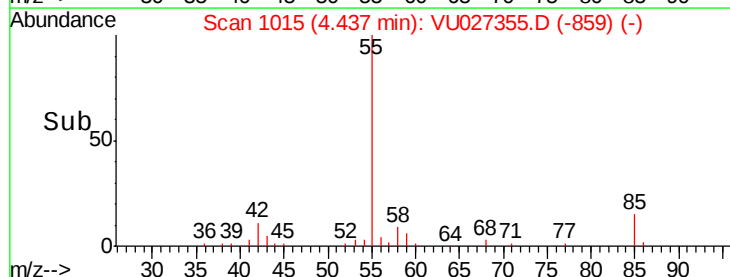
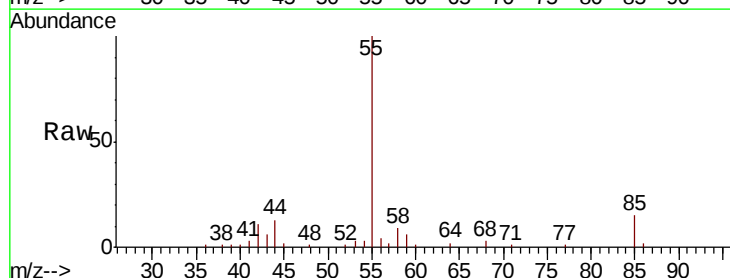
Manual Integrations
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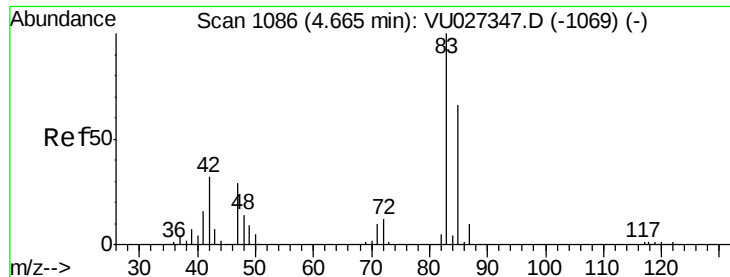
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#40
Methyl acrylate
Concen: 10.139 ug/l
RT: 4.44 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	55	Resp	45352
Ion	Ratio	Lower	Upper
55	100		
85	15.0	11.8	17.8
58	9.1	7.3	10.9
42	11.0	8.6	13.0





#41

Tetrahydrofuran

Concen: 21.150 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

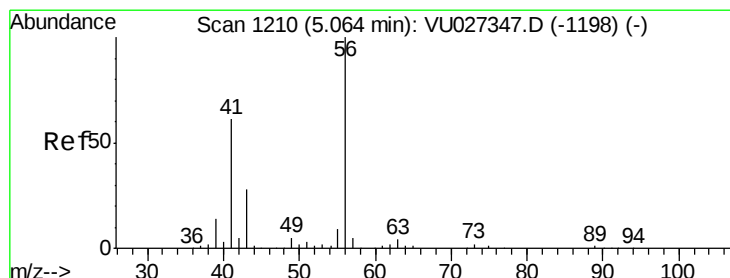
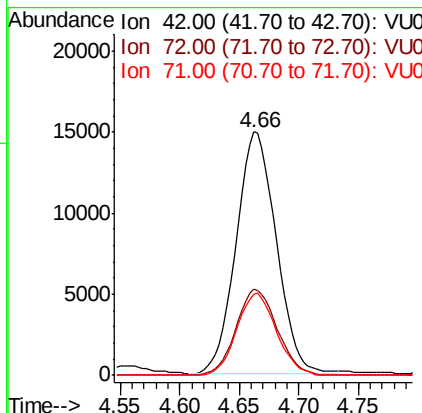
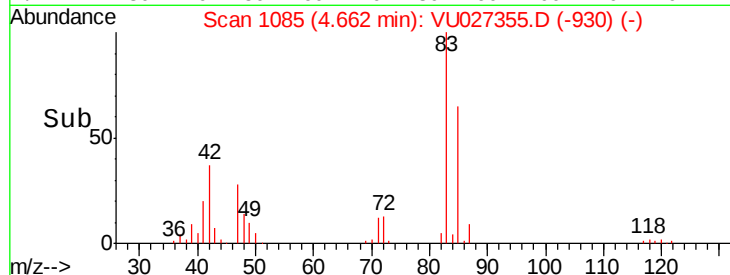
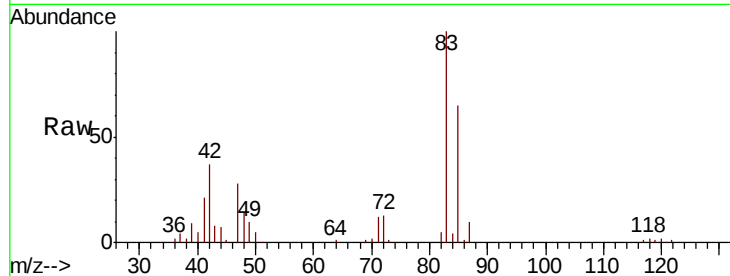
ClientSampleId :

VSTDCCC010EC

Tot Ion:	42	Resp:	34914
Ion	Ratio	Lower	Upper
42	100		
72	36.2	29.2	43.8
71	33.4	25.8	38.8

Manual Integrations
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apatel
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#42

1-Chlorobutane

Concen: 10.024 ug/l

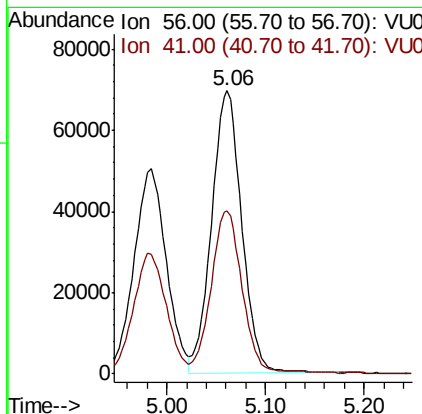
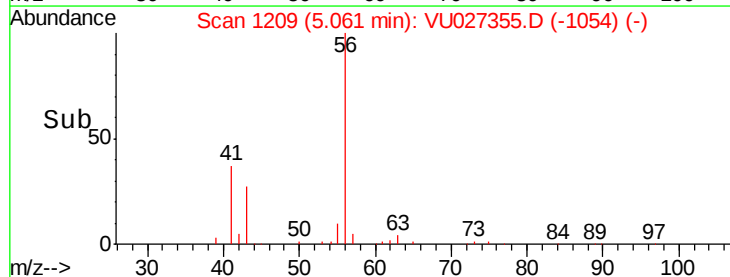
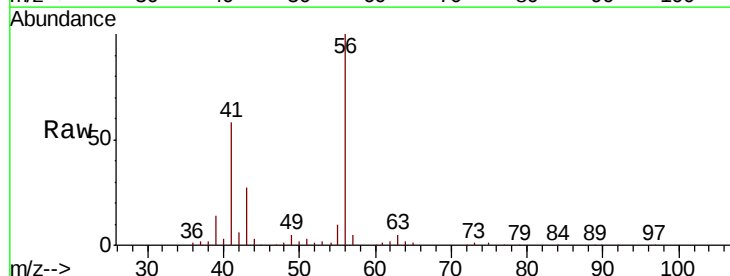
RT: 5.06 min Scan# 1209

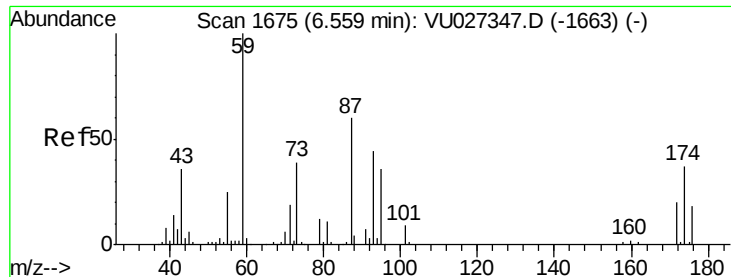
Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Tgt Ion:	56	Resp:	148656
Ion	Ratio	Lower	Upper
56	100		
41	56.8	28.7	86.3





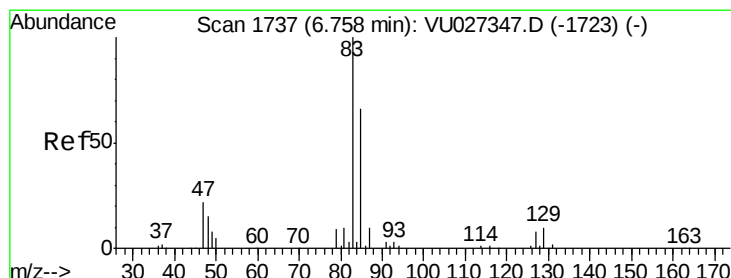
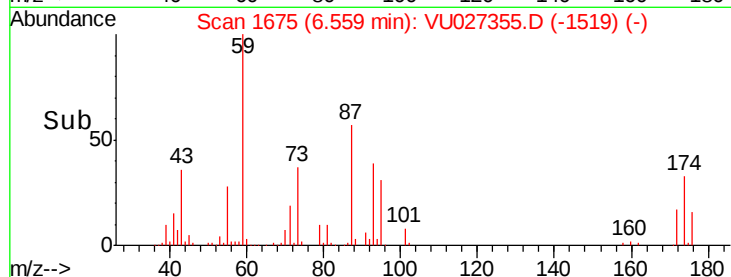
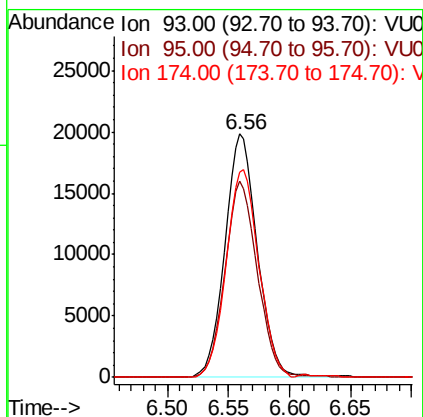
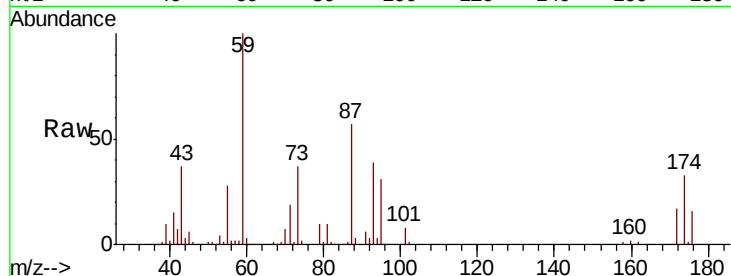
#43
Dibromomethane
Concen: 10.855 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
93	100		
95	80.6	64.7	97.1
174	85.9	68.2	102.4

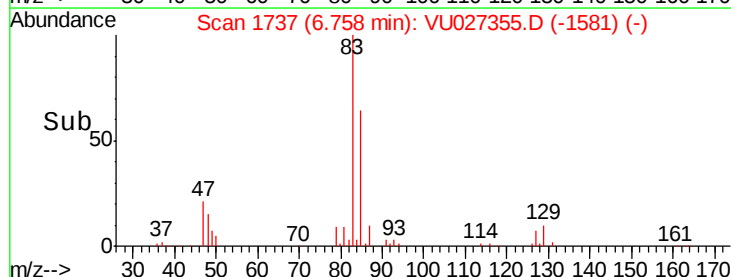
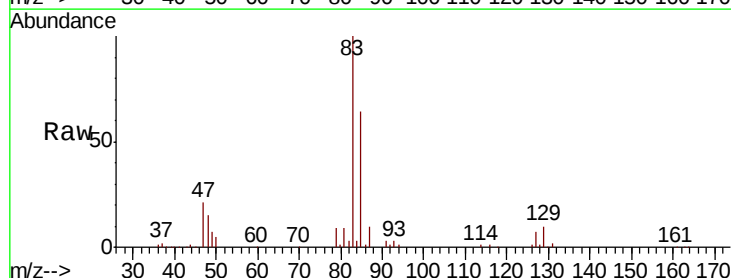
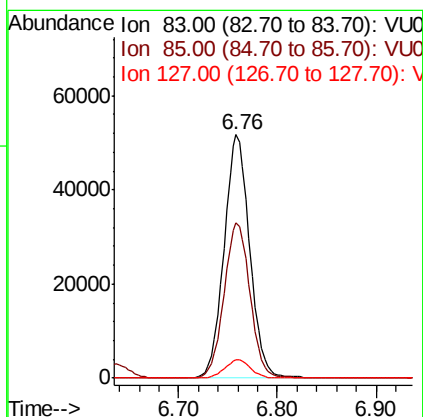
Manual Integrations
APPROVED

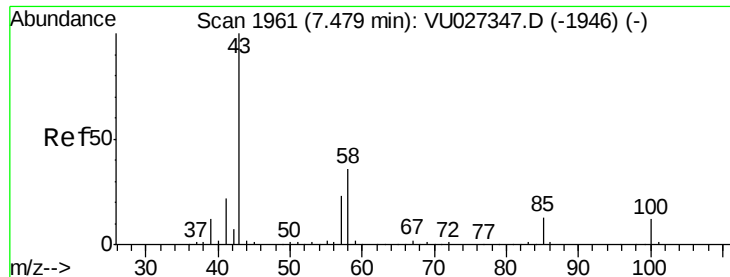
apatel
10/5/2018 12:14:40 PM



#44
Bromodichloromethane
Concen: 10.254 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	79.0
127	7.4	6.2	9.2





#45

4-Methyl-2-Pentanone

Concen: 57.718 ug/l

RT: 7.48 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

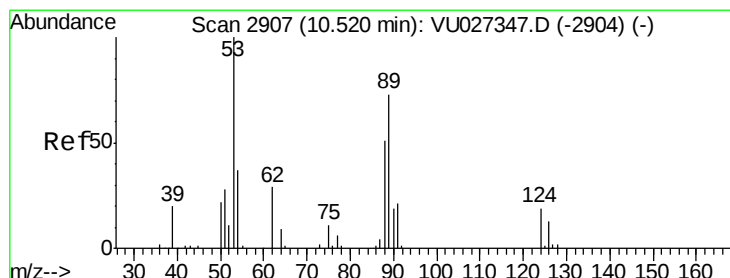
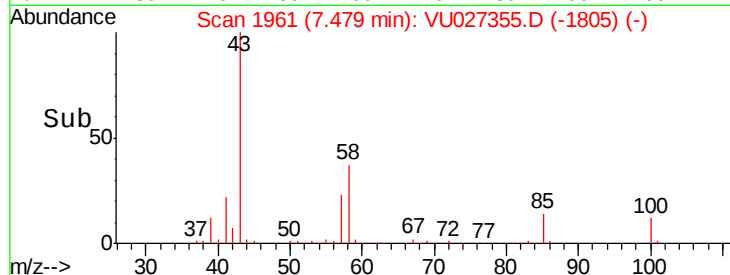
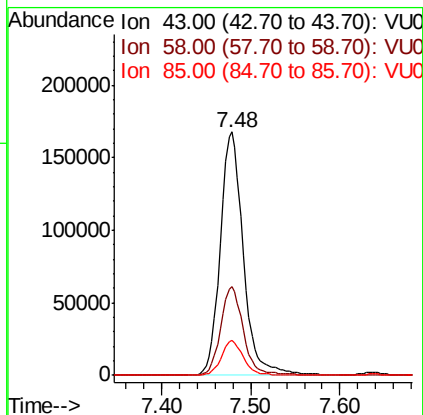
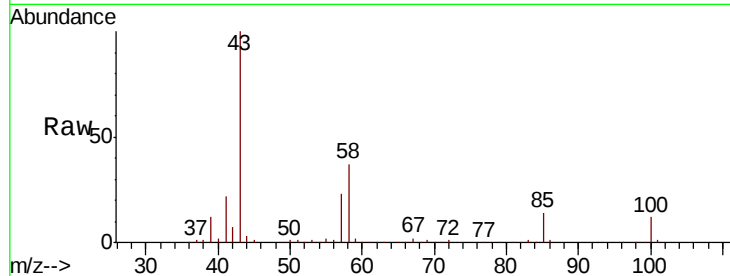
ClientSampleId :

VSTDCCC010EC

Tot Ion:	43	Resp:	301315
Ion	Ratio	Lower	Upper
43	100		
58	35.9	17.9	53.8
85	13.7	10.6	16.0

Manual Integrations
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apatel
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#46

t-1,4-Dichloro-2-butene

Concen: 23.446 ug/l m

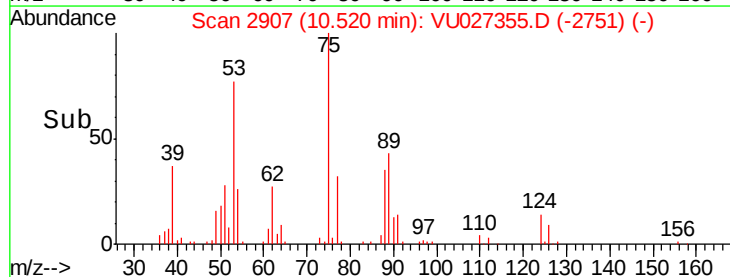
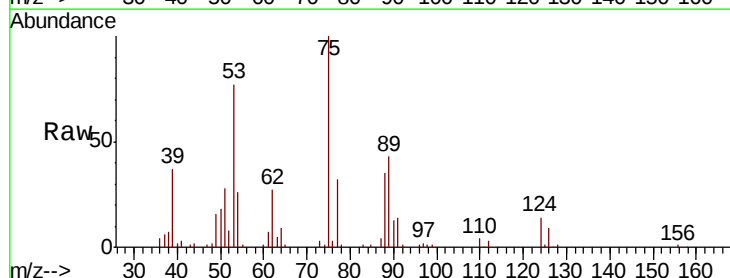
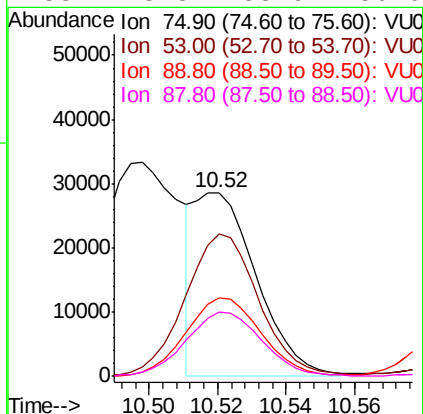
RT: 10.52 min Scan# 2907

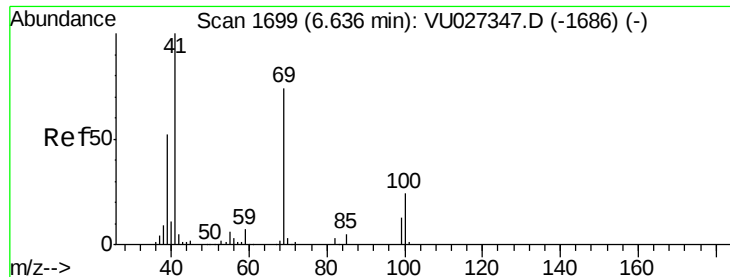
Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Tgt Ion:	75	Resp:	35486
Ion	Ratio	Lower	Upper
75	100		
53	93.8	75.7	113.5
89	52.8	42.6	64.0
88	43.3	33.9	50.9





#47

Methyl methacrylate

Concen: 21.974 ug/l

RT: 6.64 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

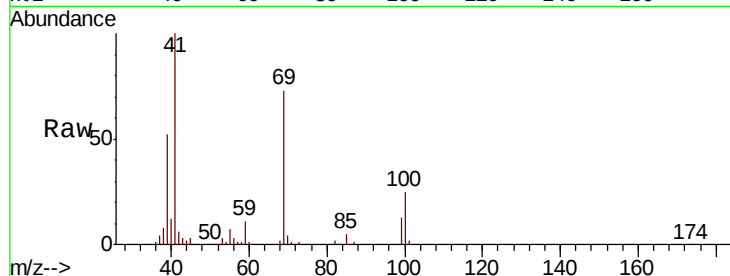
ClientSampleId :

VSTDCCC010EC

Tot Ion:	69	Resp:	75005
Ion	Ratio	Lower	Upper
69	100		
41	133.0	0.0	272.2
39	68.3	56.4	84.6
100	32.6	26.5	39.7

Manual Integrations
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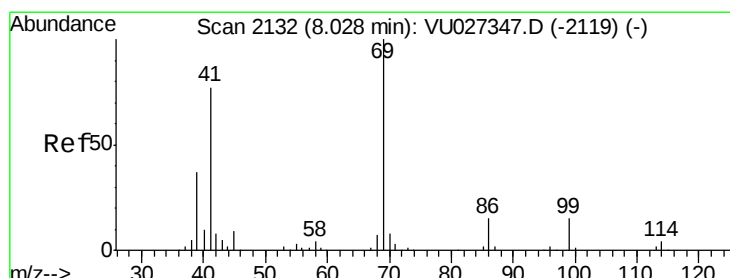
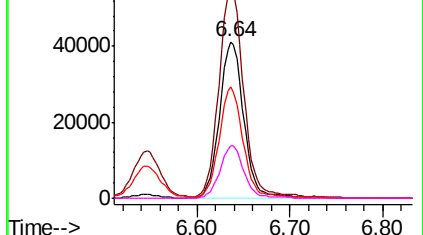
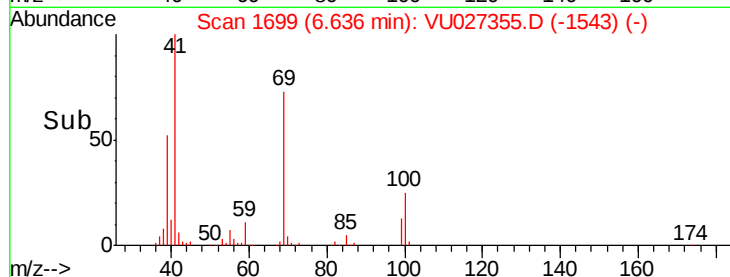


Abundance Ion 69.00 (68.70 to 69.70): VU027347.D (-1686) (-)

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

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

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



#48

Ethyl methacrylate

Concen: 11.348 ug/l

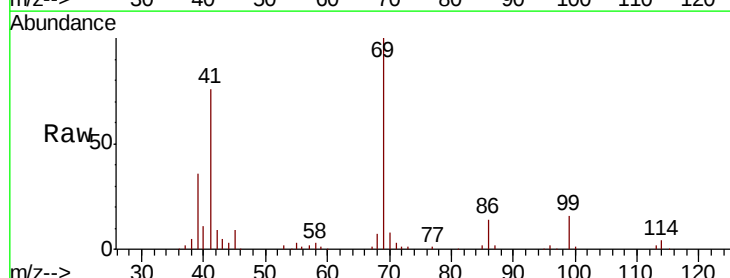
RT: 8.03 min Scan# 2132

Delta R.T. 0.00 min

Lab File: VU027355.D

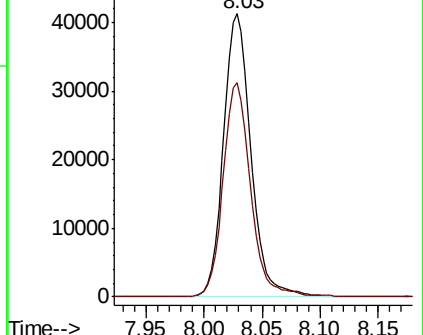
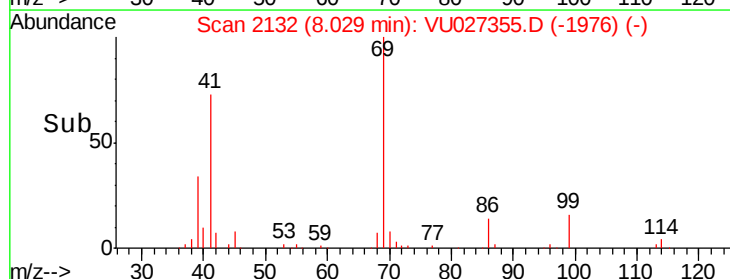
Acq: 02 Oct 2018 21:34

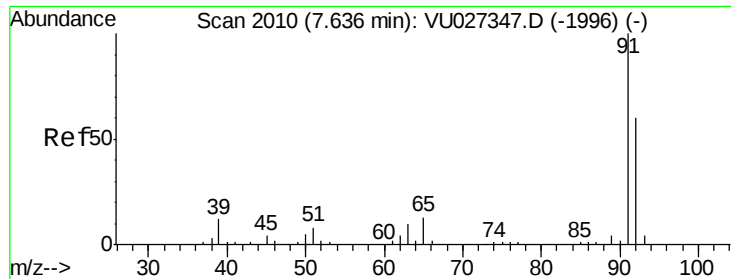
Tgt Ion:	69	Resp:	67472
Ion	Ratio	Lower	Upper
69	100		
41	76.2	38.9	116.7



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

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





#49

Toluene

Concen: 10.431 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 92 Resp: 153730

Ion Ratio Lower Upper

92 100

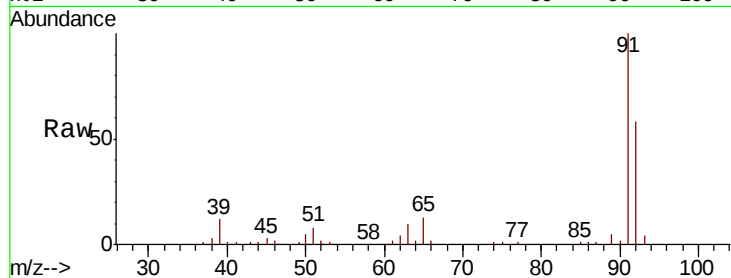
91 172.9 136.4 204.6

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

Ion 91.00 (90.70 to 91.70): VU027347.D

150000

100000

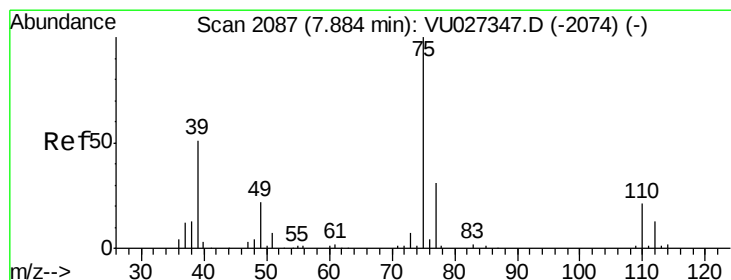
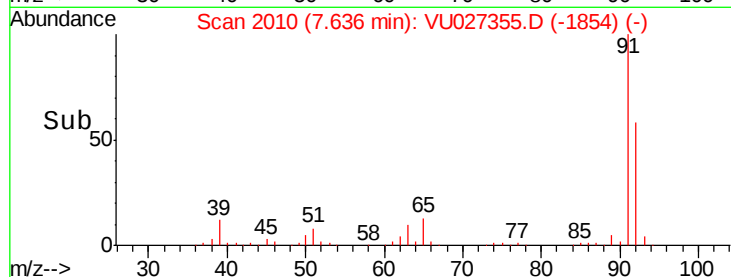
50000

0

7.64

7.60 7.70 7.80

Time-->



#50

t-1,3-Dichloropropene

Concen: 10.528 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027355.D

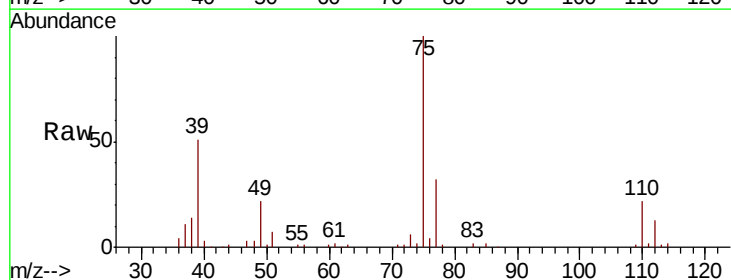
Acq: 02 Oct 2018 21:34

Tgt Ion: 75 Resp: 86022

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8



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

Ion 77.00 (76.70 to 77.70): VU027347.D

60000

50000

40000

30000

20000

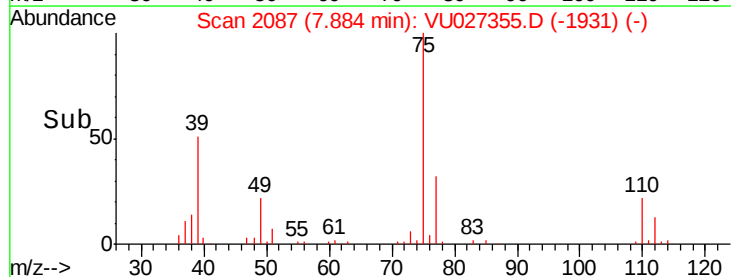
10000

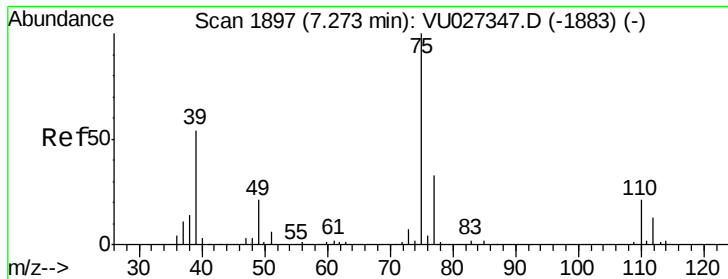
0

7.88

7.80 7.90 8.00

Time-->





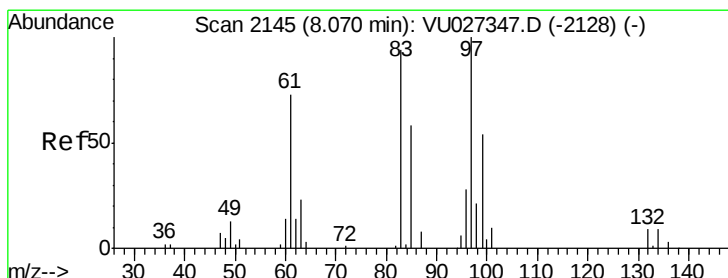
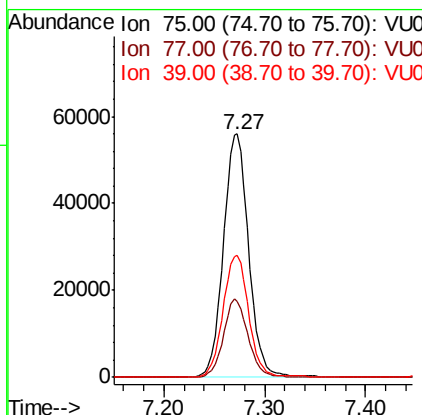
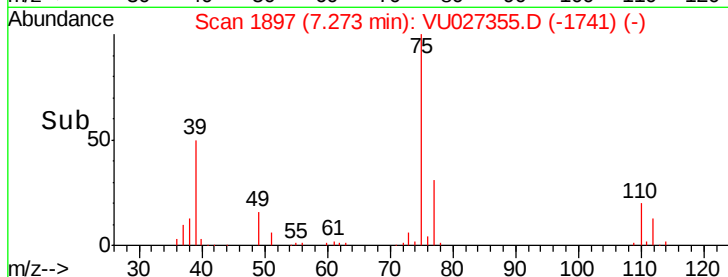
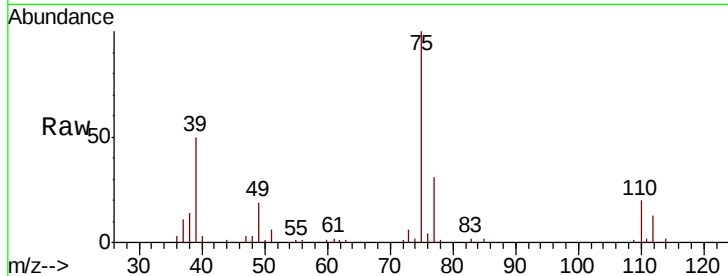
#51
 cis-1,3-Dichloropropene
 Concen: 10.017 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	75	Resp:	98064
Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.1	39.1
39	49.9	43.1	64.7

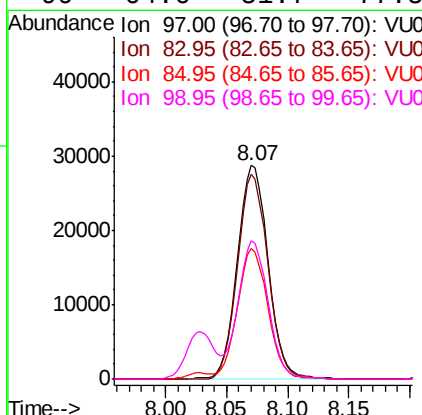
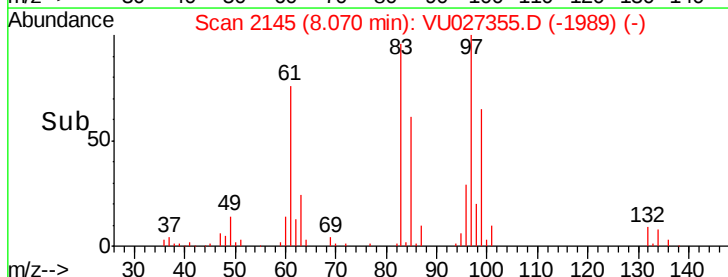
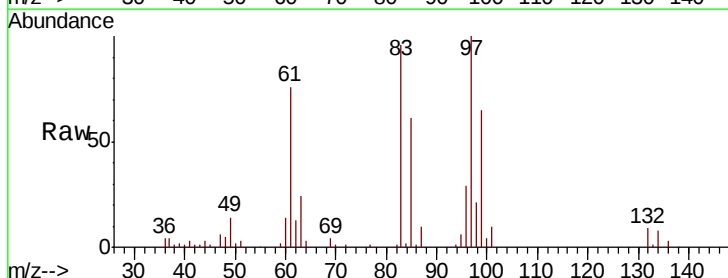
Manual Integrations
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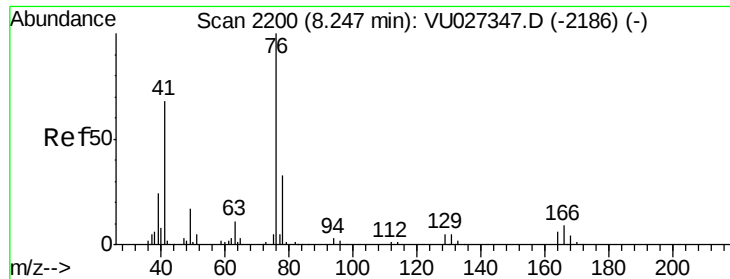
apatel
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#52
 1,1,2-Trichloroethane
 Concen: 10.521 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion:	97	Resp:	50205
Ion	Ratio	Lower	Upper
97	100		
83	96.1	75.3	112.9
85	61.4	47.3	70.9
99	64.6	51.7	77.5





#53

1,3-Dichloropropane

Concen: 10.585 ug/l

RT: 8.25 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 76 Resp: 95823

Ion Ratio Lower Upper

76 100

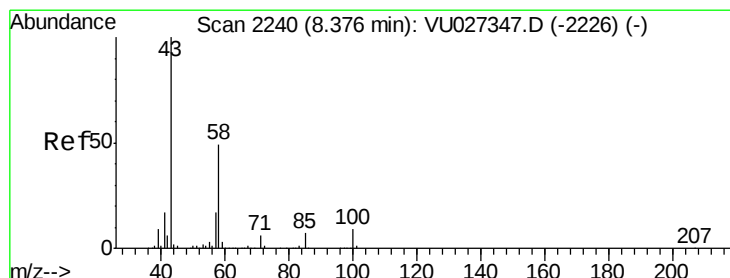
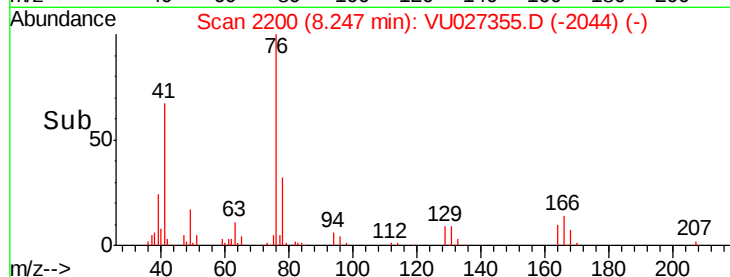
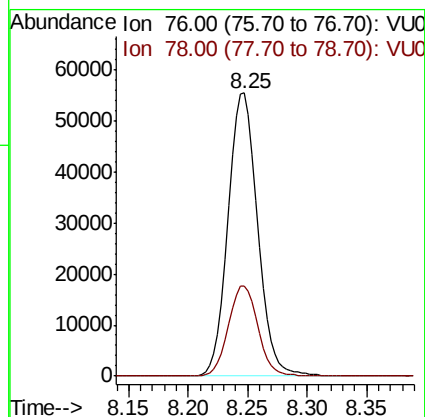
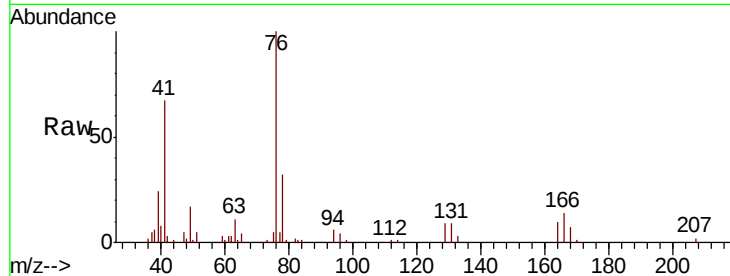
78 31.8 25.7 38.5

Manual Integrations

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#54

2-Hexanone

Concen: 58.475 ug/l

RT: 8.38 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

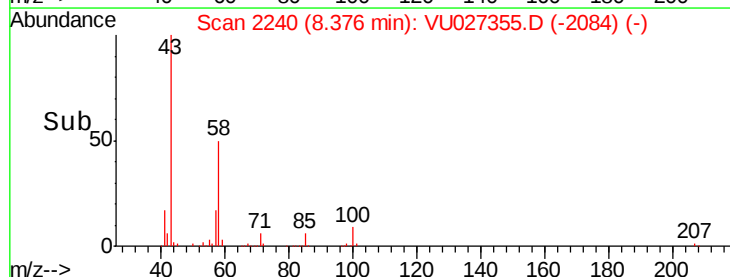
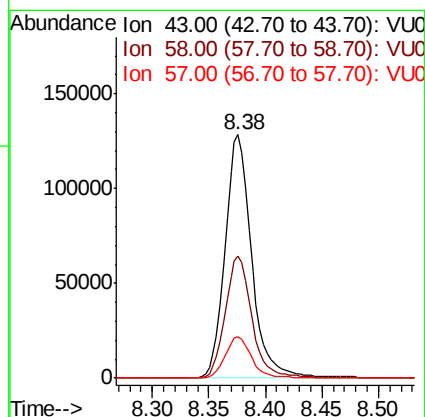
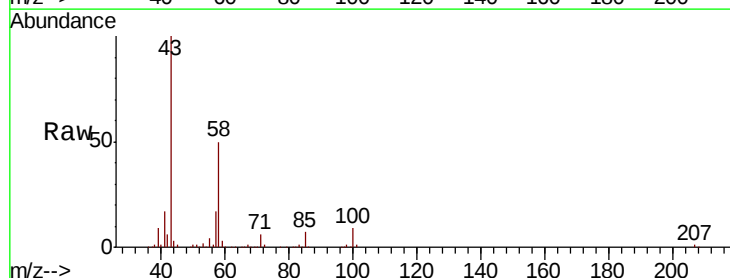
Tgt Ion: 43 Resp: 210923

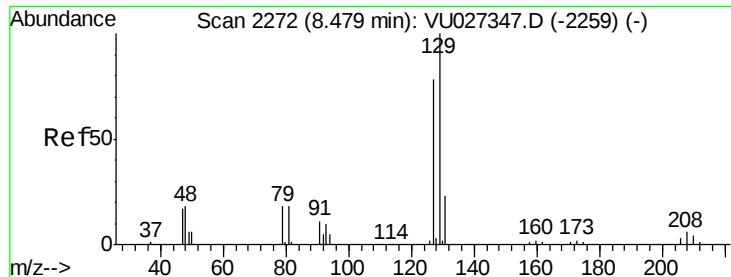
Ion Ratio Lower Upper

43 100

58 50.2 29.5 69.5

57 17.0 0.0 37.0





#55

Dibromochloromethane

Concen: 10.930 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:129 Resp: 57591

Ion Ratio Lower Upper

129 100

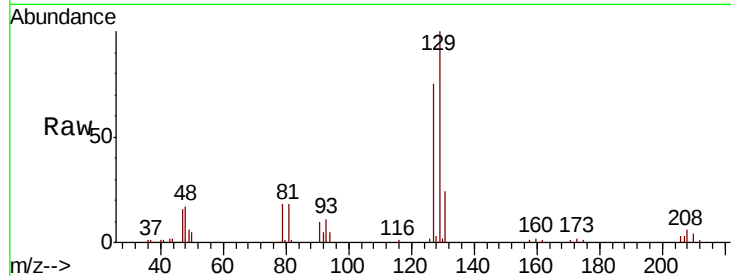
127 76.2 61.8 92.8

Manual Integrations

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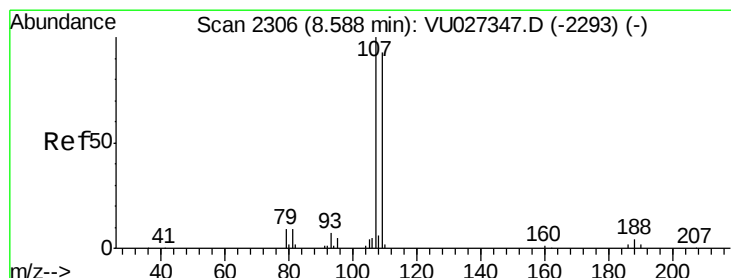
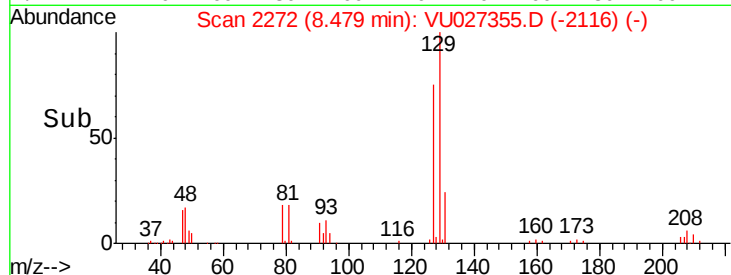
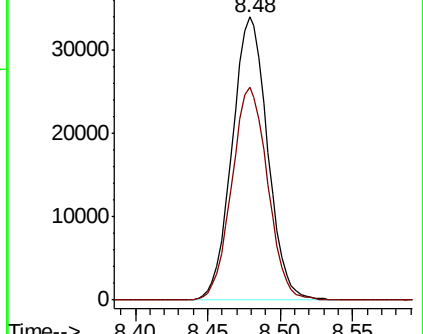
apatel

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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: 10.807 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027355.D

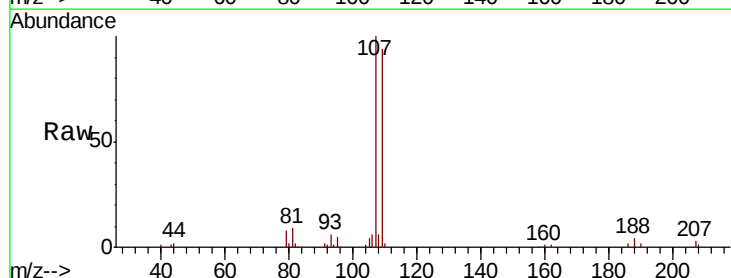
Acq: 02 Oct 2018 21:34

Tgt Ion:107 Resp: 45586

Ion Ratio Lower Upper

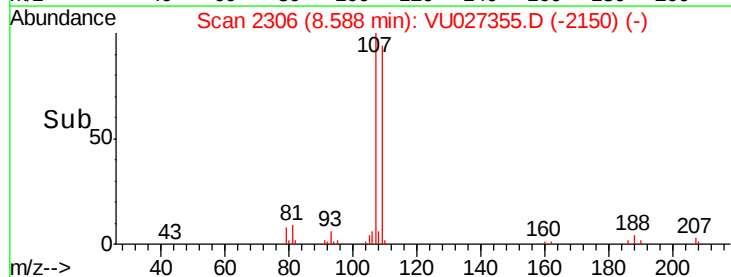
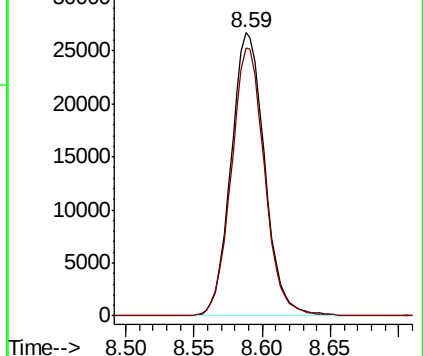
107 100

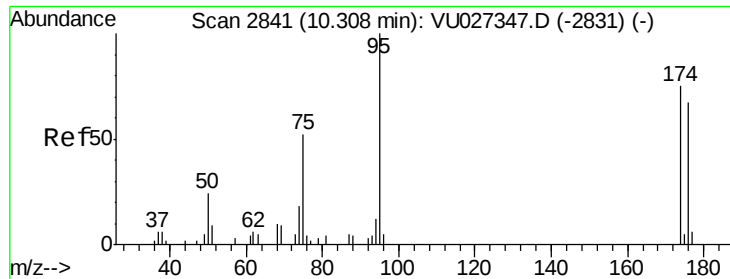
109 93.8 0.0 191.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





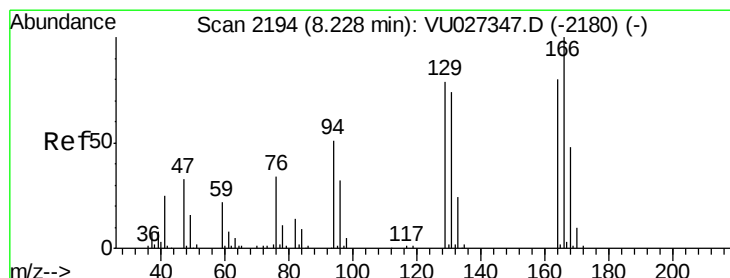
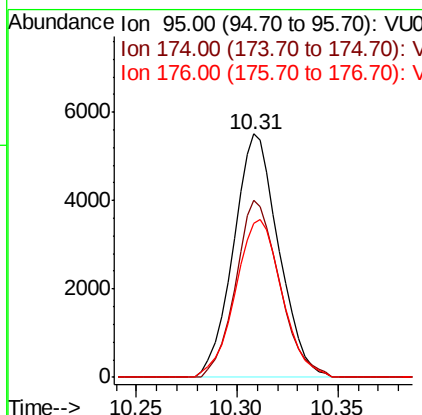
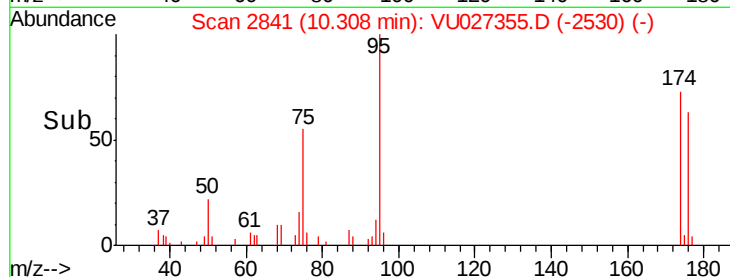
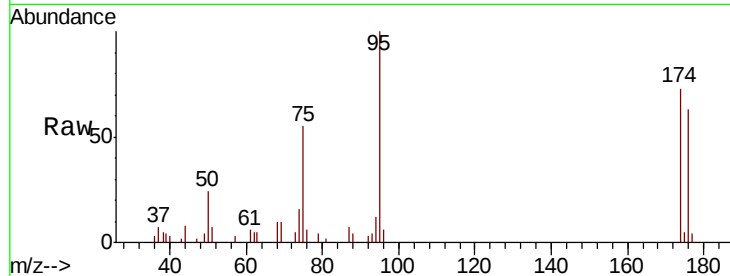
#57
4-Bromofluorobenzene
Concen: 10.807 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.7	61.0	91.6
176	66.6	57.2	85.8

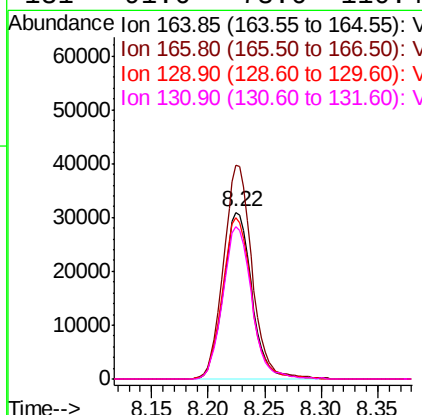
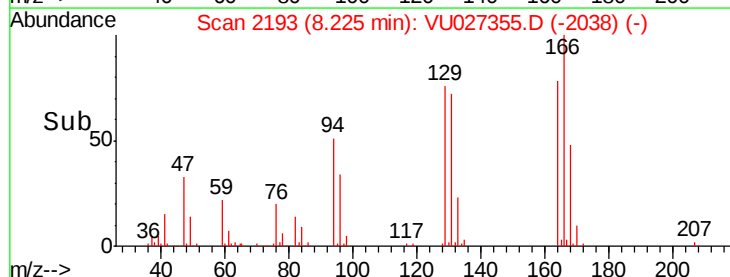
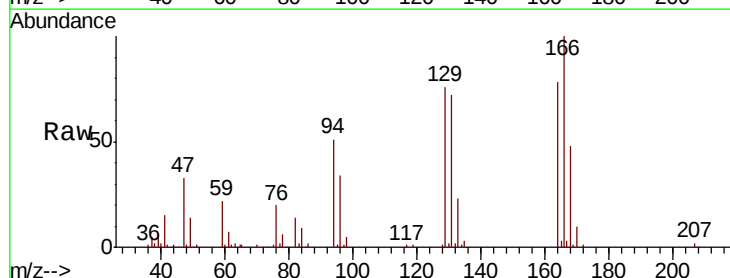
Manual Integrations
APPROVED

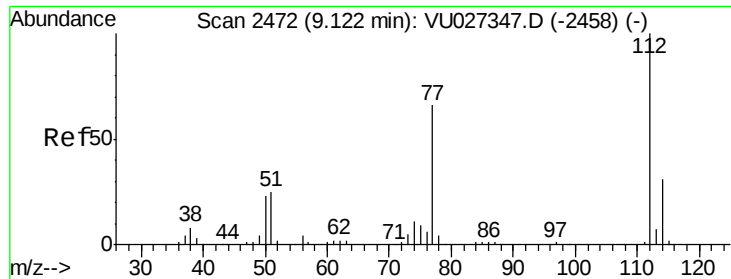
apatel
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#58
Tetrachloroethene
Concen: 10.290 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	99.9	149.9
129	96.9	78.6	117.8
131	91.6	73.6	110.4





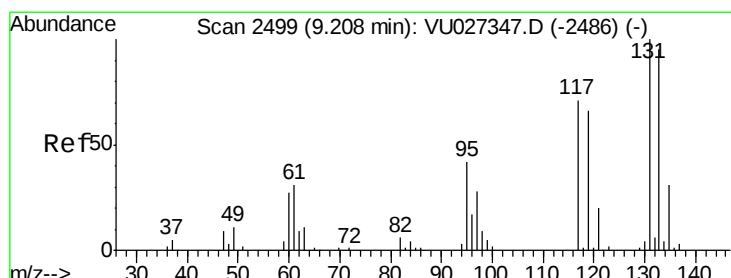
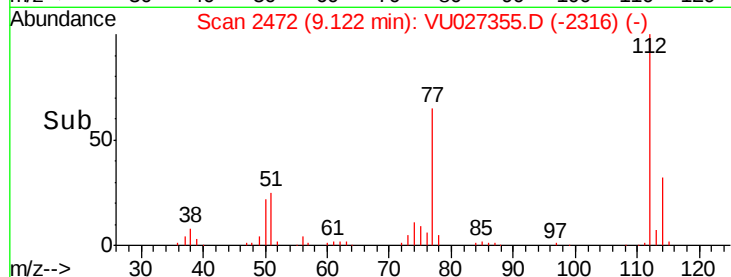
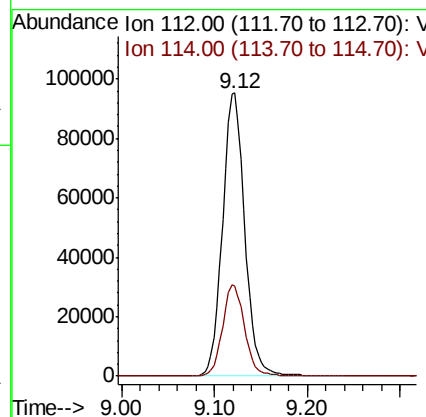
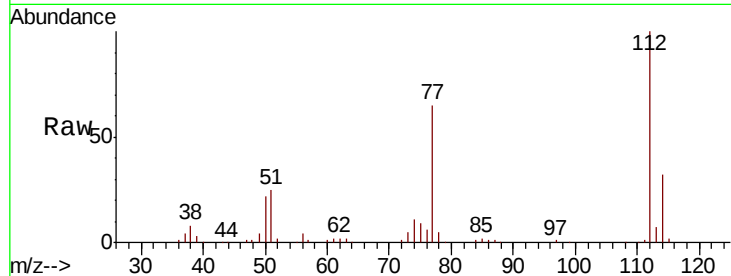
#59
Chlorobenzene
Concen: 10.319 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:112 Resp: 158607
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

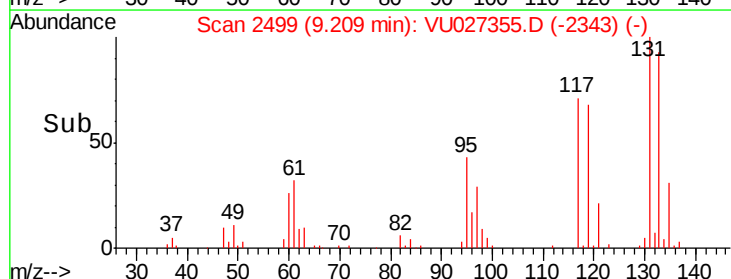
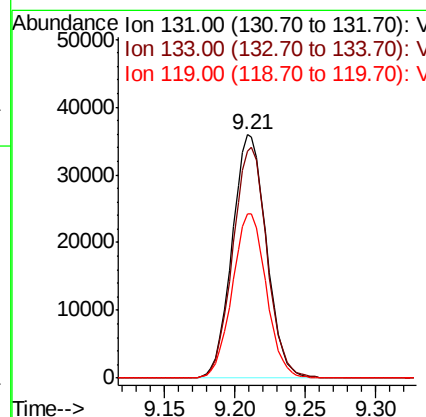
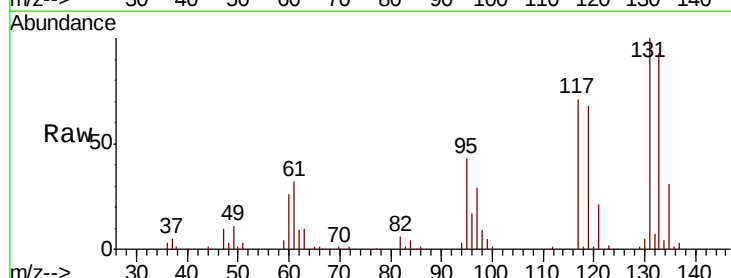
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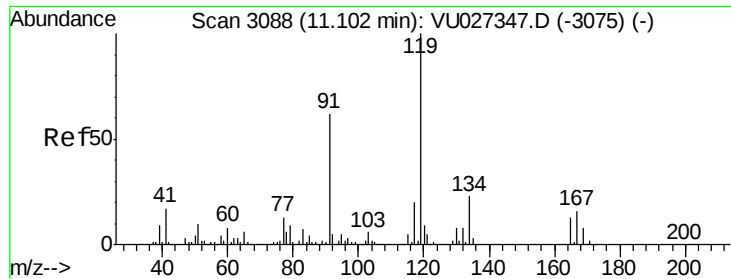
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.343 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion:131 Resp: 61117
Ion Ratio Lower Upper
131 100
133 94.8 77.1 115.7
119 66.8 53.6 80.4





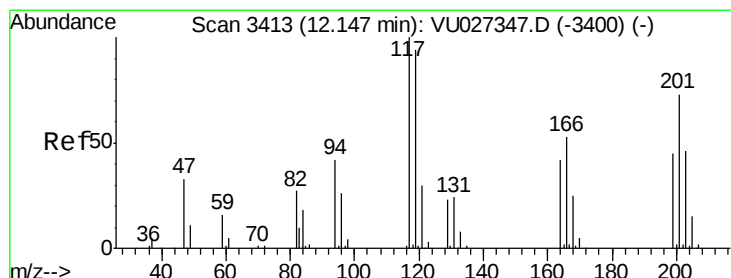
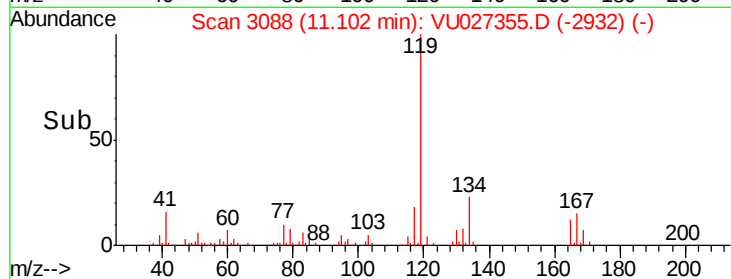
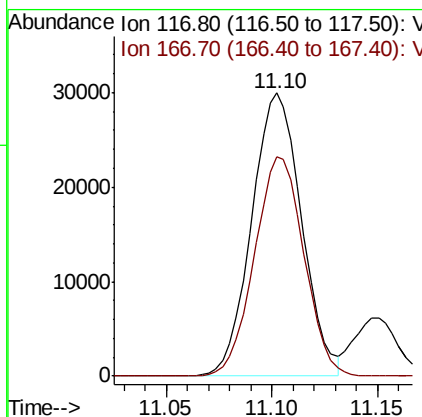
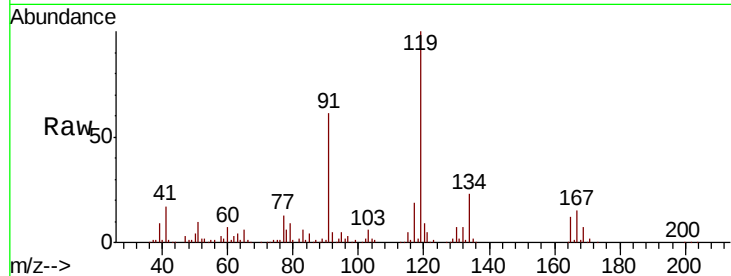
#61
 Pentachloroethane
 Concen: 10.099 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
117	100		
167	76.9	62.6	93.8

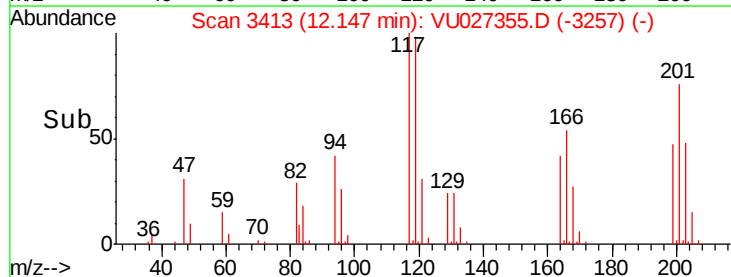
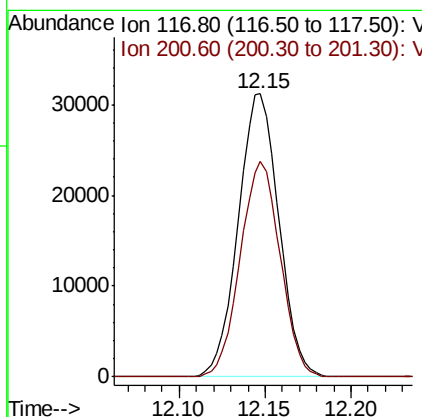
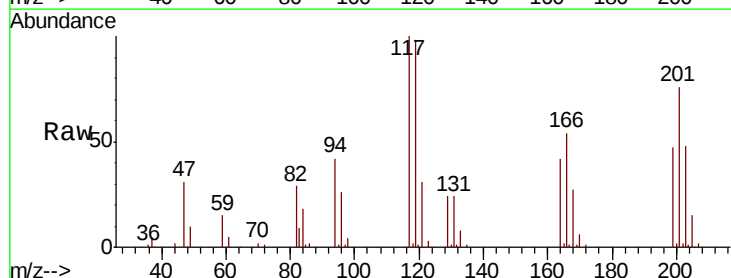
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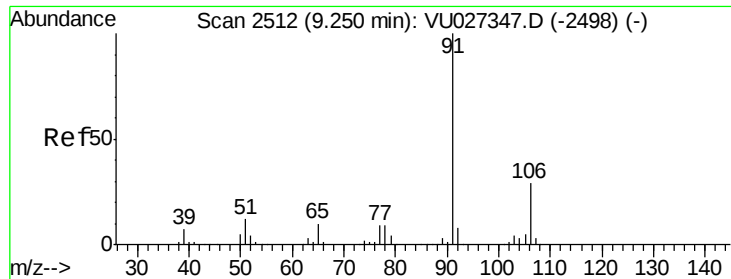
apatel
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#62
 Hexachloroethane
 Concen: 11.022 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.6	59.3	88.9





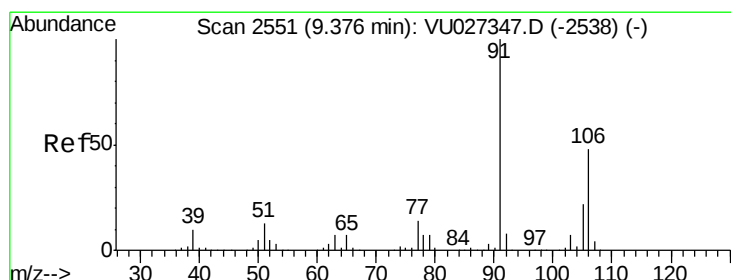
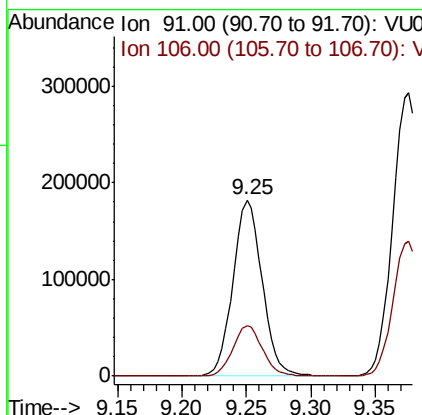
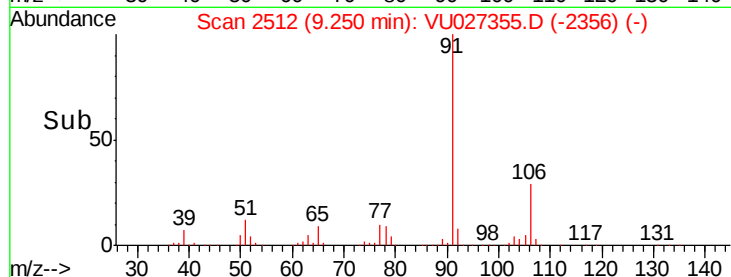
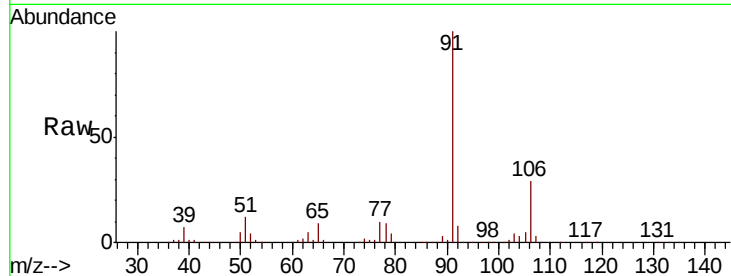
#63
Ethyl Benzene
Concen: 10.910 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 287876
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4

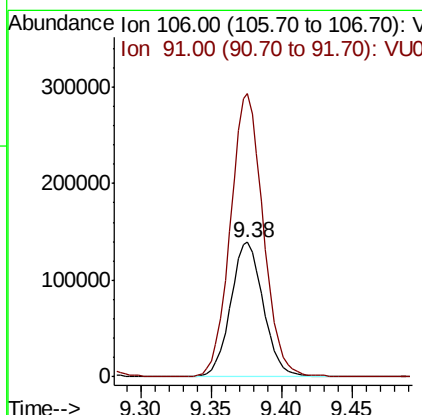
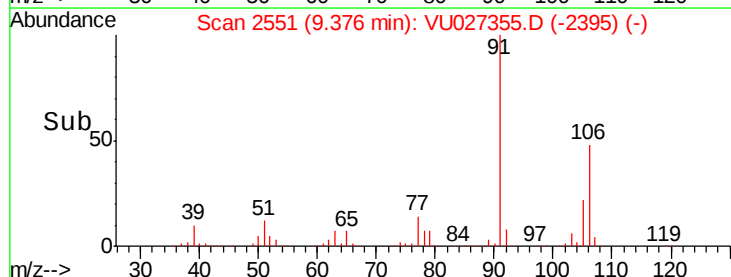
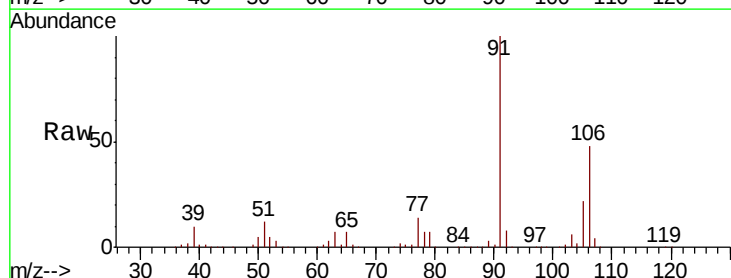
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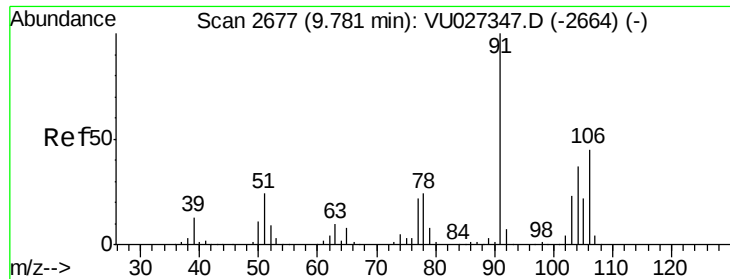
apatel
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#64
m/p-Xylenes
Concen: 22.767 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion: 106 Resp: 225205
Ion Ratio Lower Upper
106 100
91 211.3 169.8 254.8





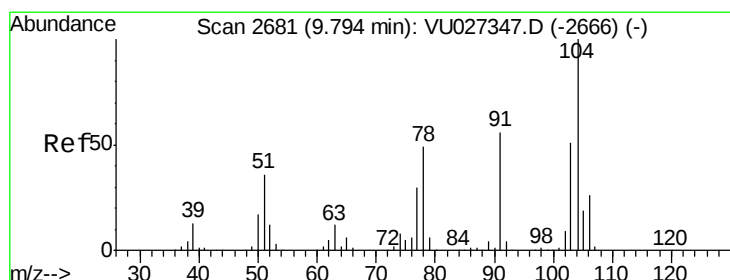
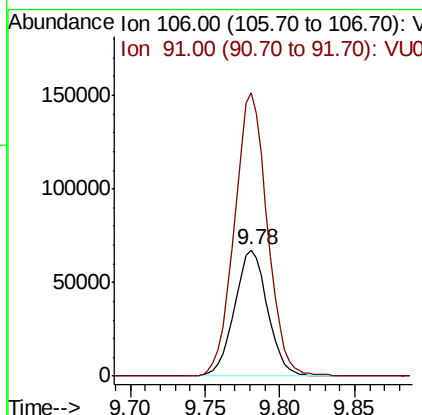
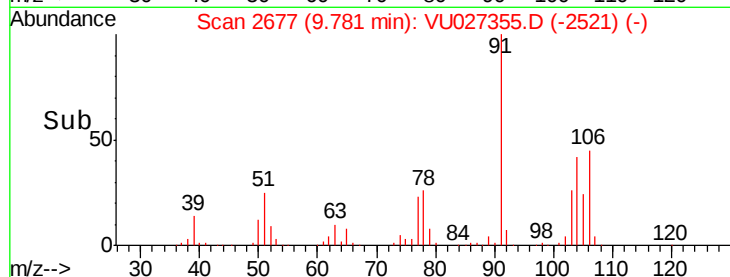
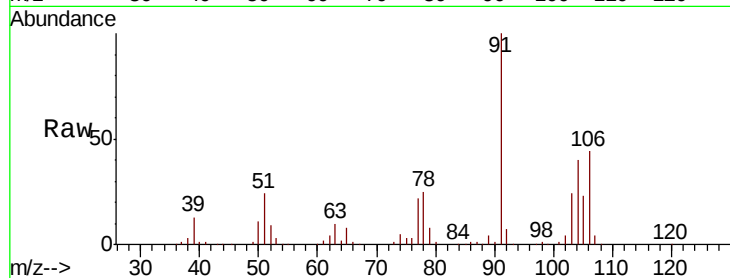
#65
o-Xylene
Concen: 11.042 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 103686
Ion Ratio Lower Upper
106 100
91 223.7 111.1 333.2

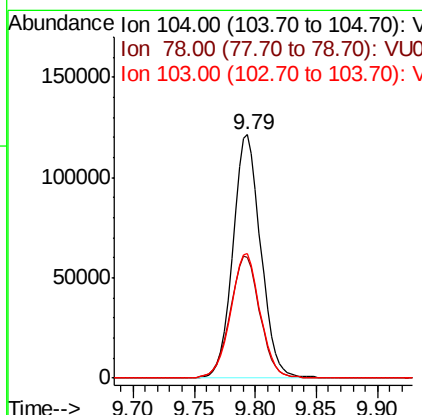
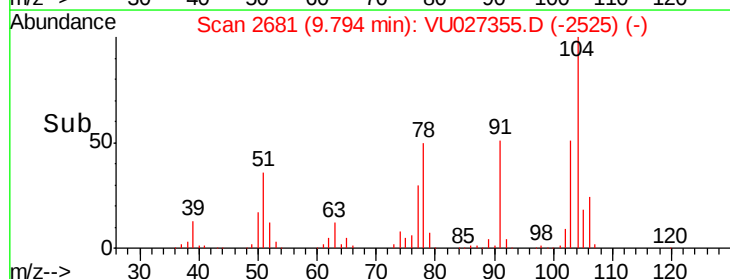
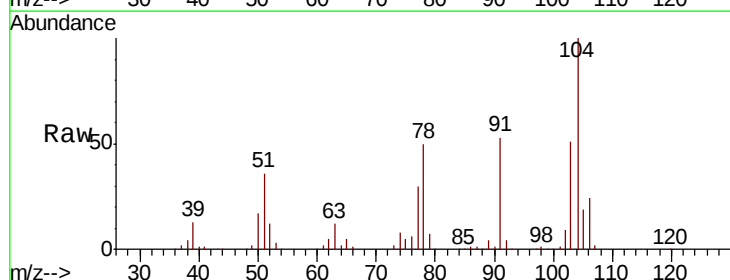
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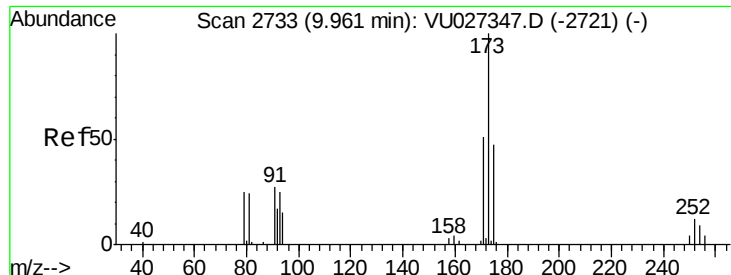
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#66
Styrene
Concen: 11.692 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion:104 Resp: 192695
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 54.4 43.8 65.8





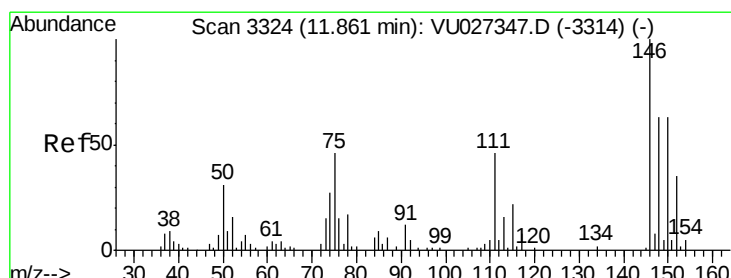
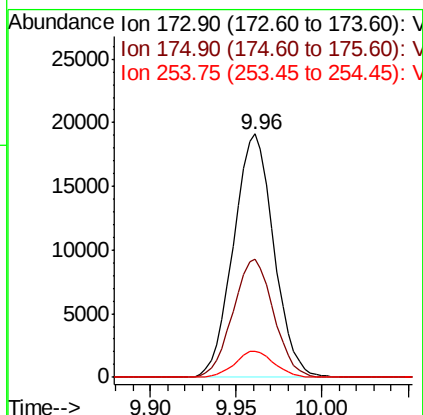
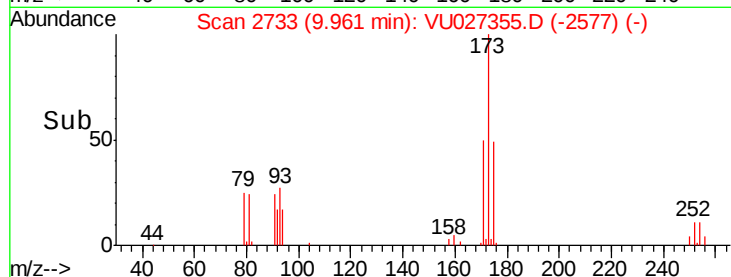
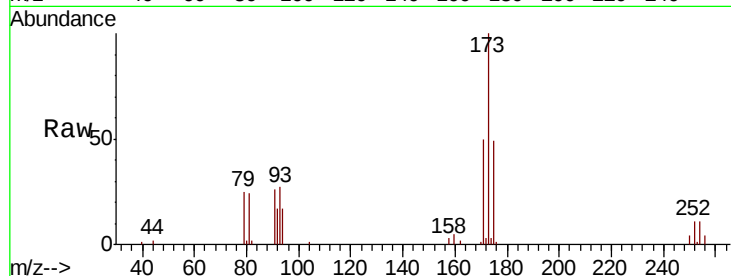
#67
Bromoform
Concen: 11.031 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.2	57.4
254	10.5	7.7	11.5

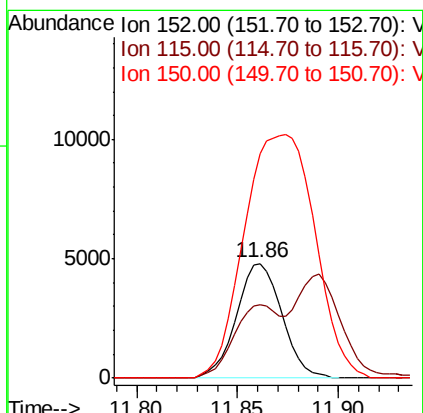
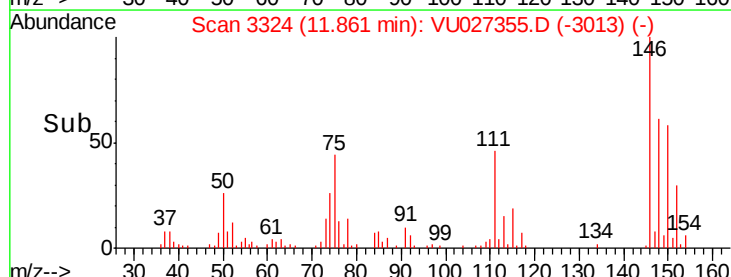
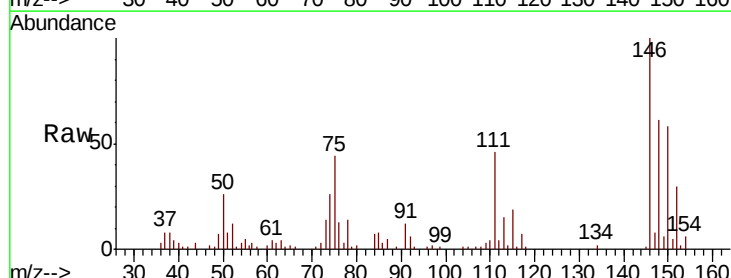
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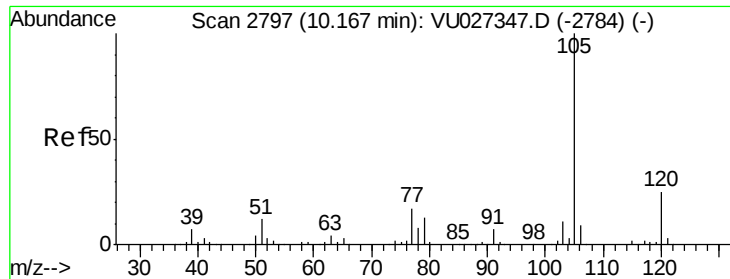
apatel
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#68
1,2-Dichlorobenzene-d4
Concen: 11.031 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.9	0.0	131.6
150	326.3	0.0	0.0#





#69

Isopropylbenzene

Concen: 11.223 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 277892

Ion Ratio Lower Upper

105 100

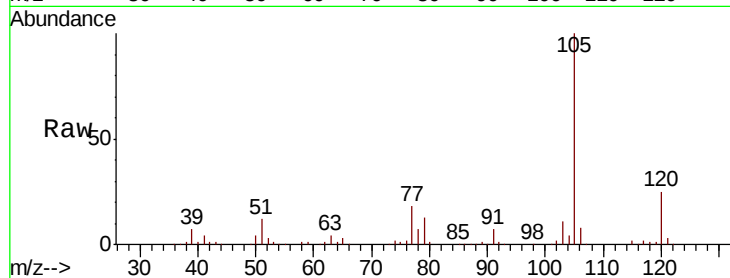
120 25.4 12.7 38.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

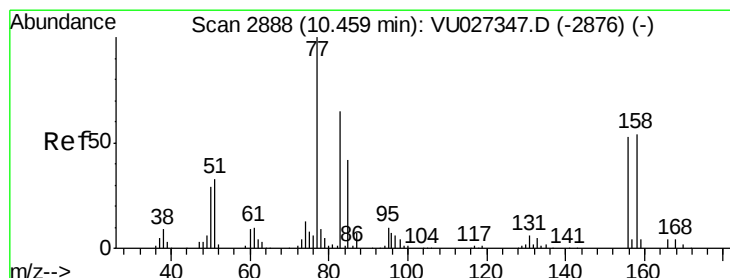
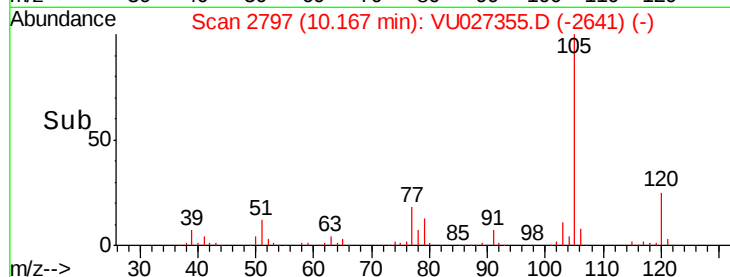
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#70

1,1,2,2-Tetrachloroethane

Concen: 10.993 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

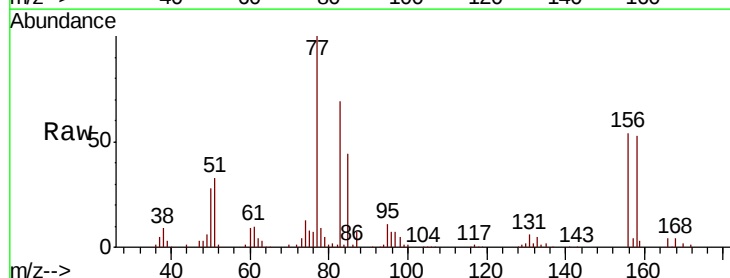
Tgt Ion: 83 Resp: 70862

Ion Ratio Lower Upper

83 100

131 8.7 7.0 10.6

85 64.0 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

60000

50000

40000

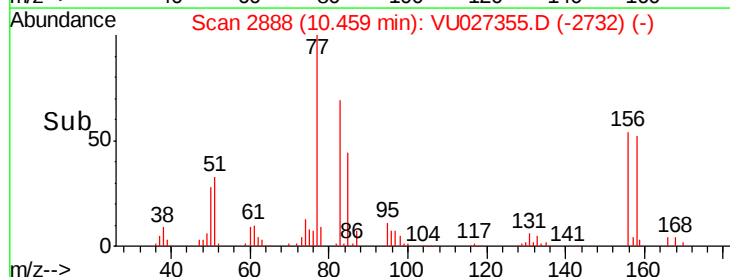
30000

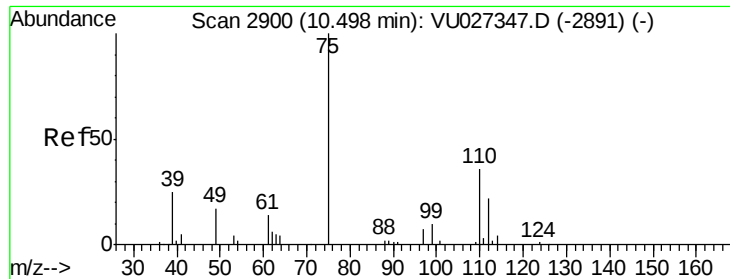
20000

10000

0

Time--> 10.40 10.50





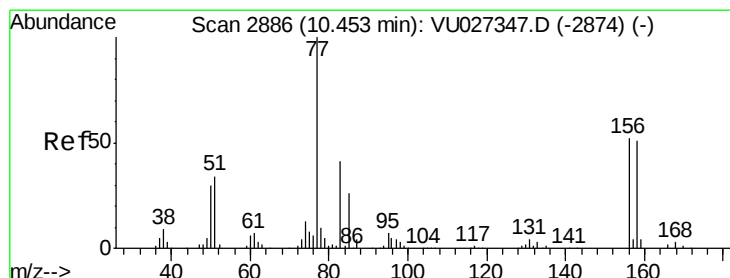
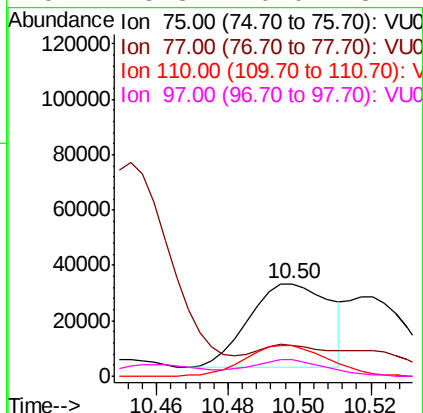
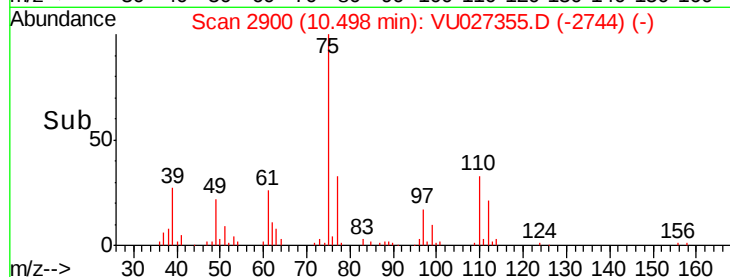
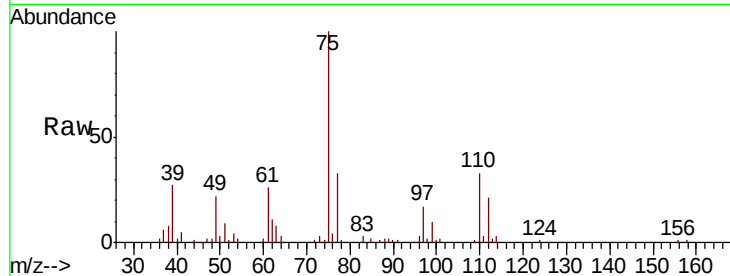
#71
1,2,3-Trichloropropane
Concen: 9.604 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	11.0	0.0	16.6
110	38.0	0.0	65.4
97	18.3	0.0	31.4

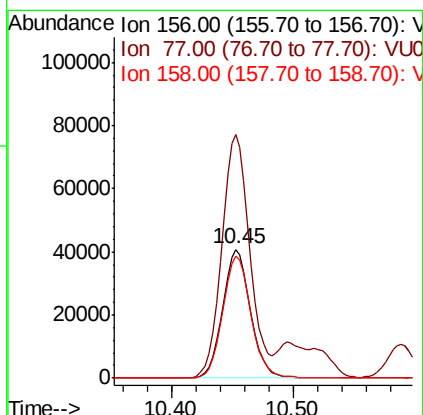
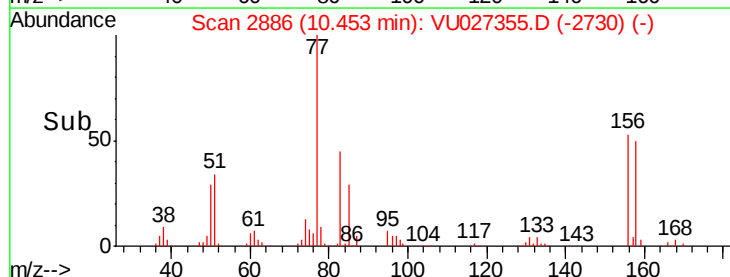
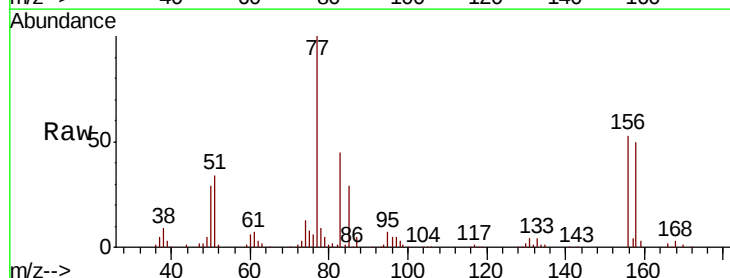
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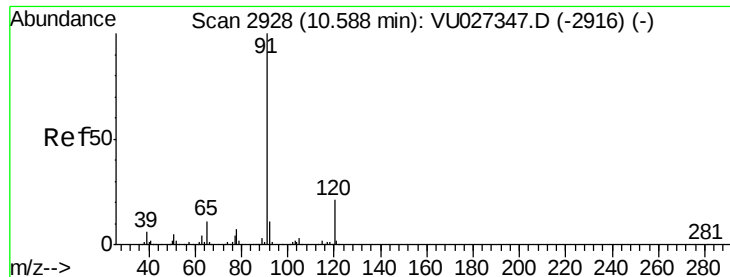
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#72
Bromobenzene
Concen: 10.944 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
156	100		
77	189.7	0.0	387.6
158	95.9	0.0	196.2





#73

n-propylbenzene

Concen: 11.865 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:120 Resp: 79108

Ion Ratio Lower Upper

120 100

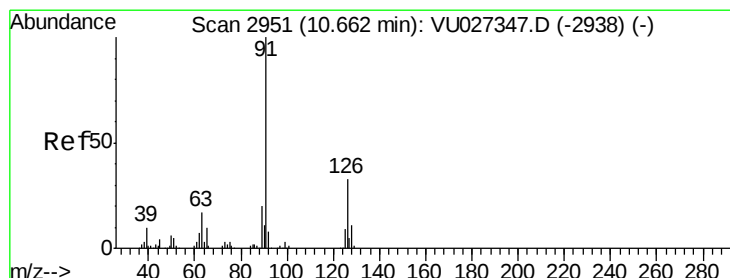
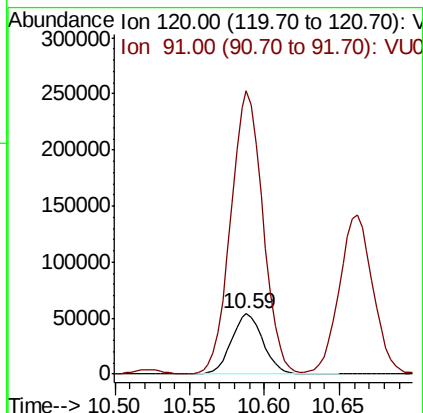
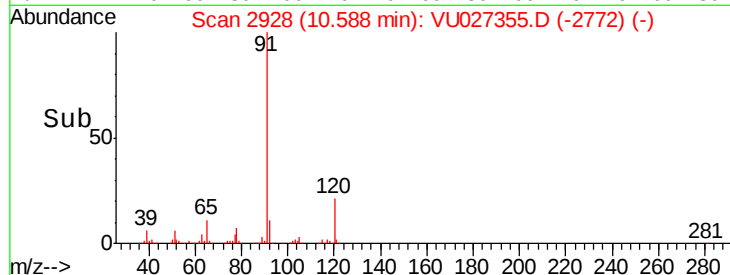
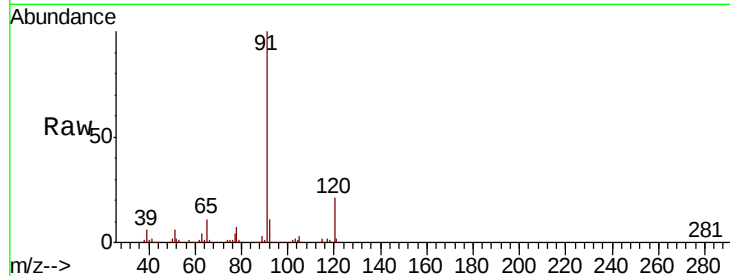
91 476.9 381.4 572.0

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#74

2-Chlorotoluene

Concen: 11.255 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027355.D

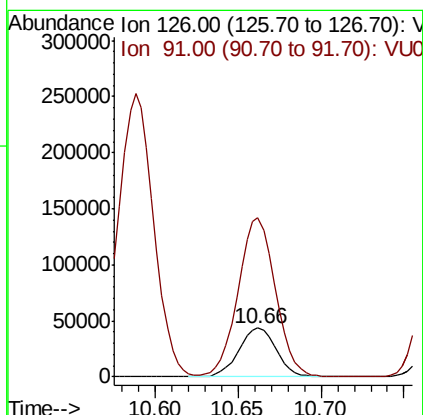
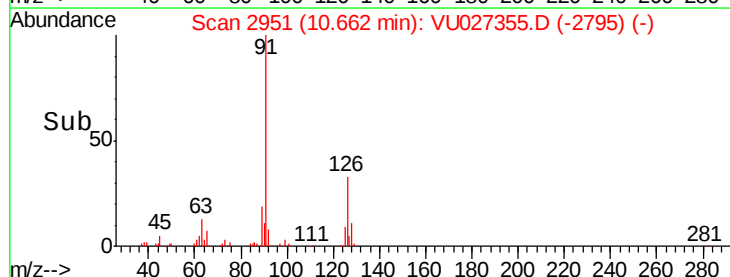
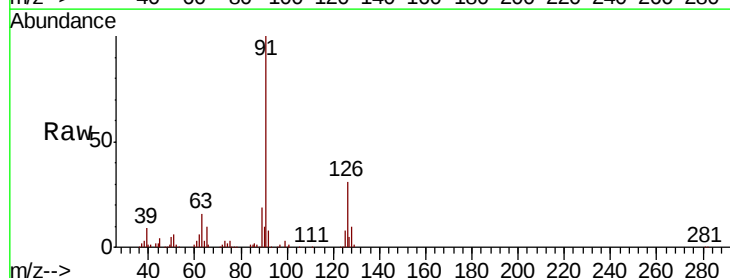
Acq: 02 Oct 2018 21:34

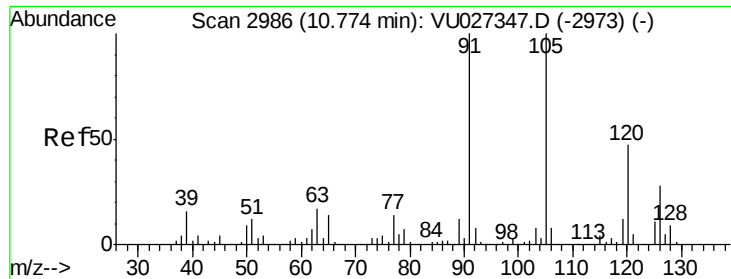
Tgt Ion:126 Resp: 68588

Ion Ratio Lower Upper

126 100

91 321.2 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 11.577 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 254983

Ion Ratio Lower Upper

105 100

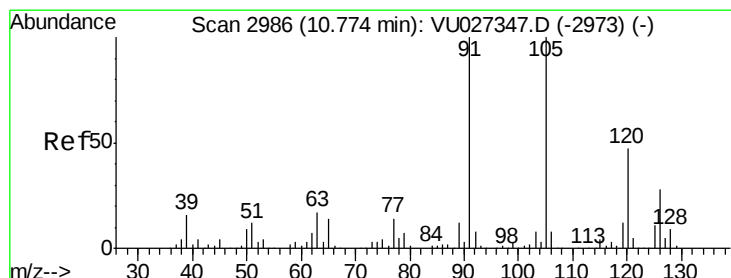
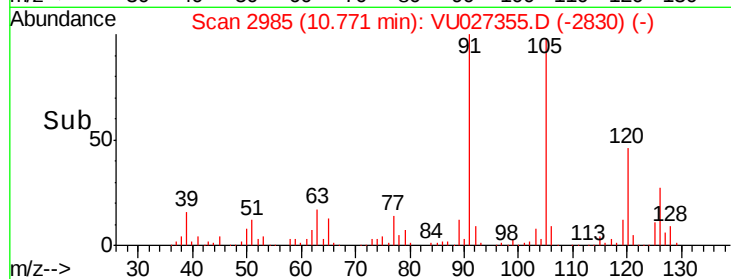
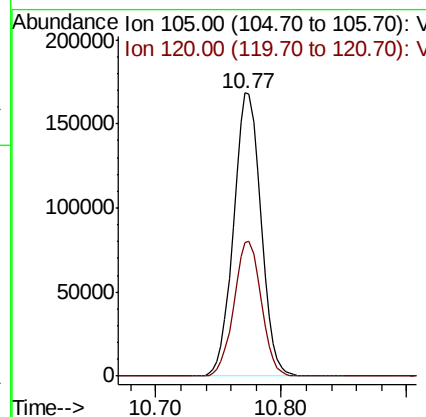
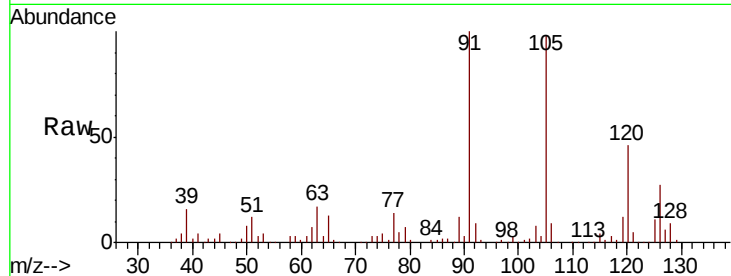
120 47.6 37.8 56.8

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#76

4-Chlorotoluene

Concen: 11.646 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027355.D

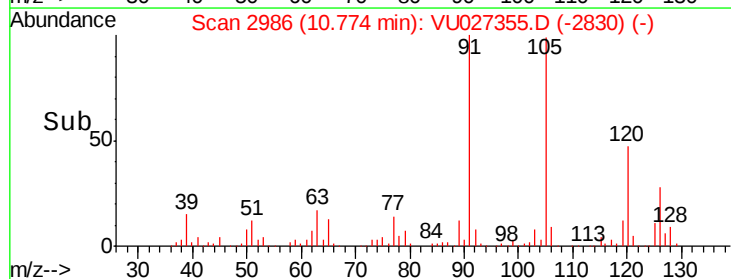
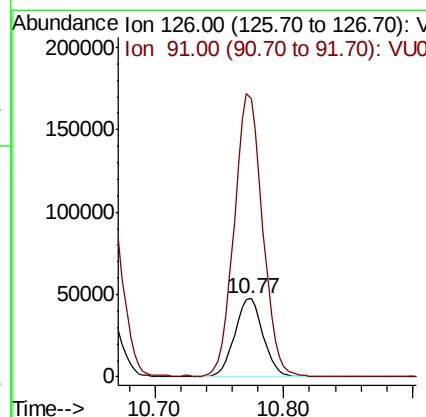
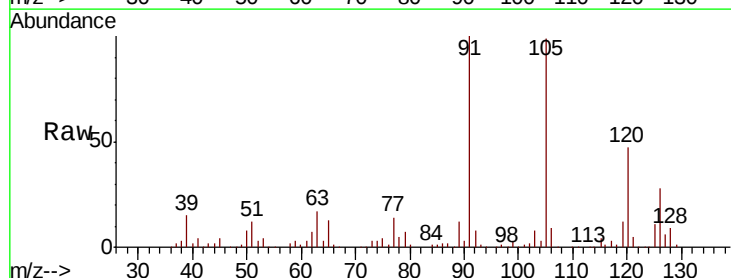
Acq: 02 Oct 2018 21:34

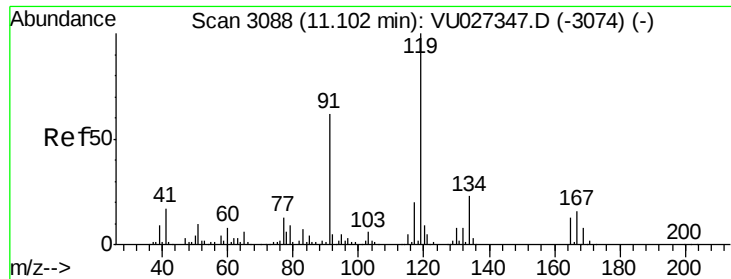
Tgt Ion:126 Resp: 72821

Ion Ratio Lower Upper

126 100

91 359.7 0.0 720.8





#77

tert-Butylbenzene

Concen: 11.199 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

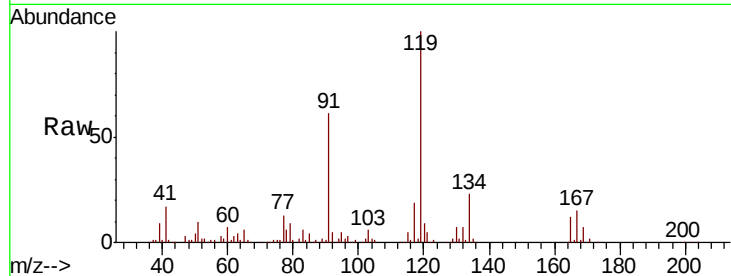
ClientSampleId :

VSTDCCC010EC

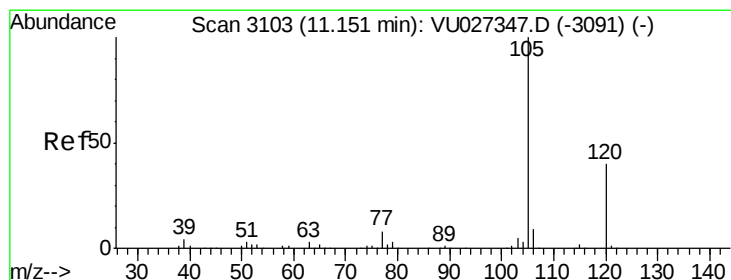
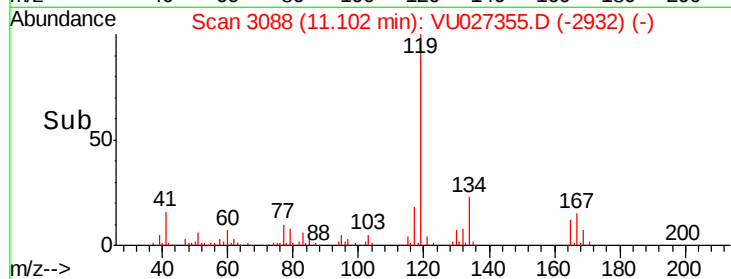
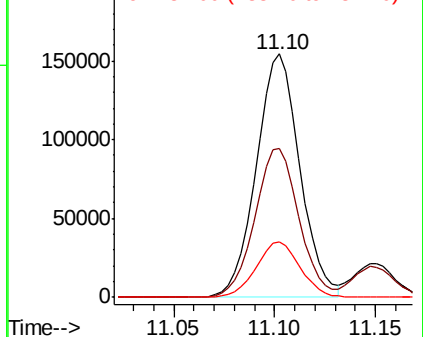
Tot Ion:	119	Resp:	232906
Ion Ratio	Lower	Upper	
119	100		
91	61.7	31.4	94.3
134	23.0	18.7	28.1

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



#78

1,2,4-Trimethylbenzene

Concen: 9.910 ug/l

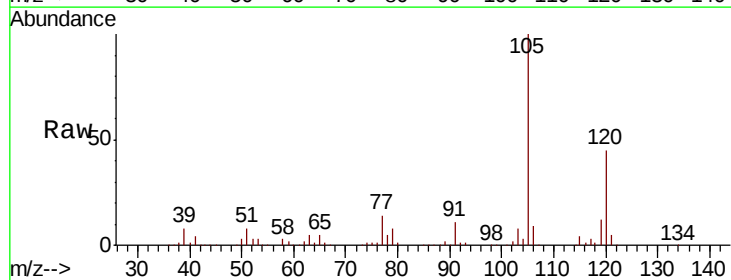
RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

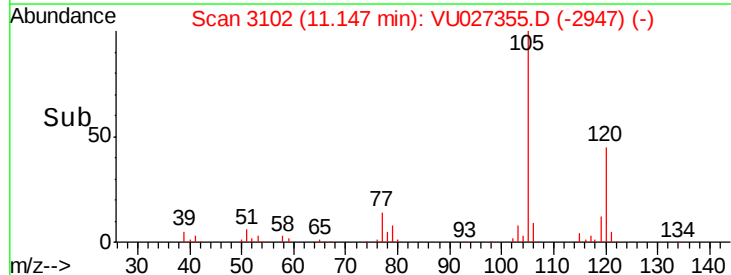
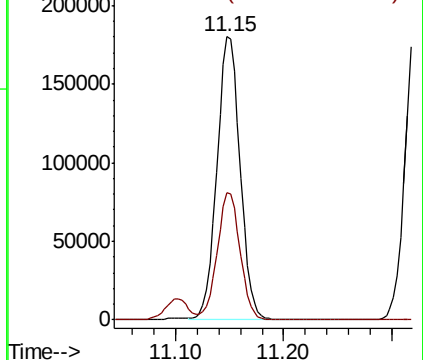
Lab File: VU027355.D

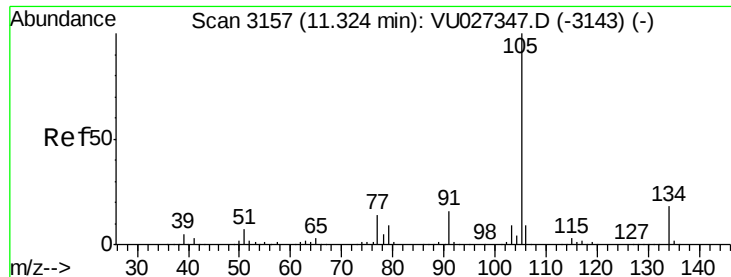
Acq: 02 Oct 2018 21:34

Tgt Ion:	105	Resp:	267146
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.9	65.7



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





#79

sec-Butylbenzene

Concen: 11.575 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 330271

Ion Ratio Lower Upper

105 100

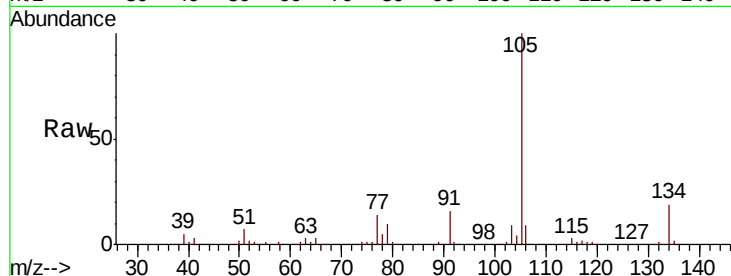
134 18.6 14.8 22.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

250000

200000

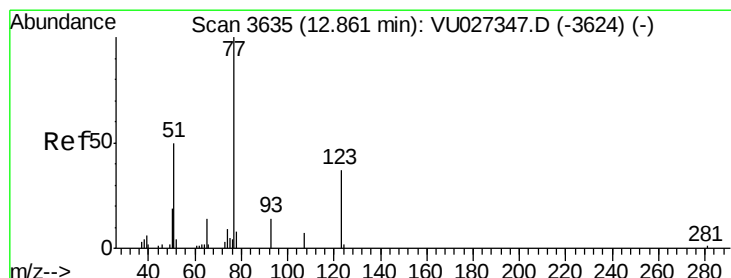
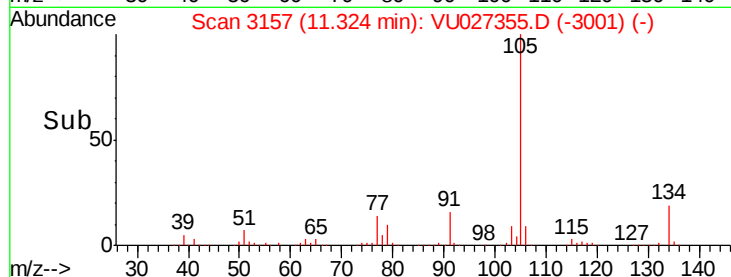
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 61.526 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

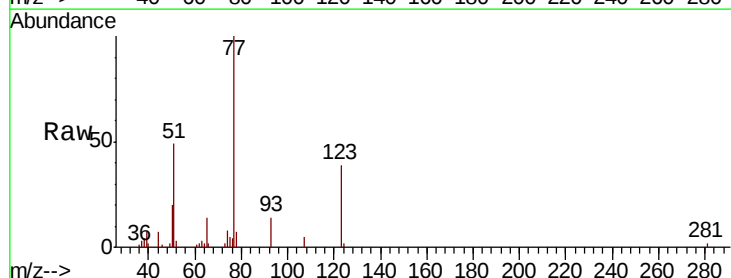
Tgt Ion: 77 Resp: 16302

Ion Ratio Lower Upper

77 100

123 39.3 16.4 58.2

65 12.7 11.7 14.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12000

10000

8000

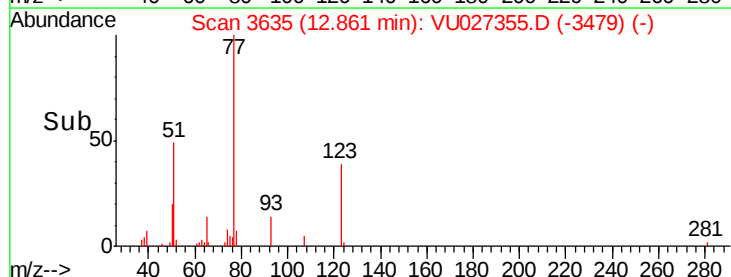
6000

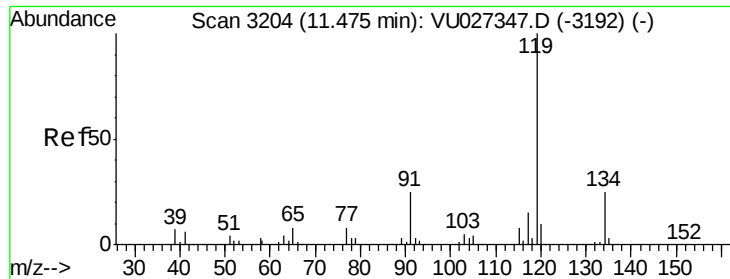
4000

2000

0

Time-->





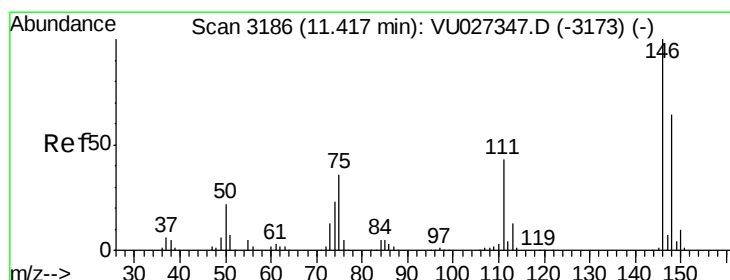
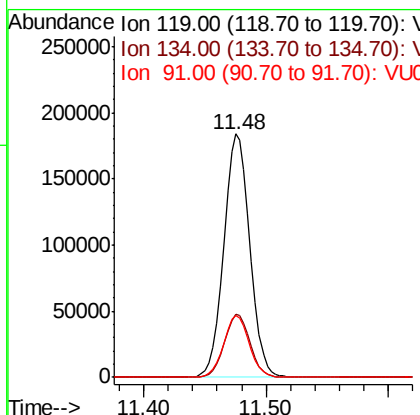
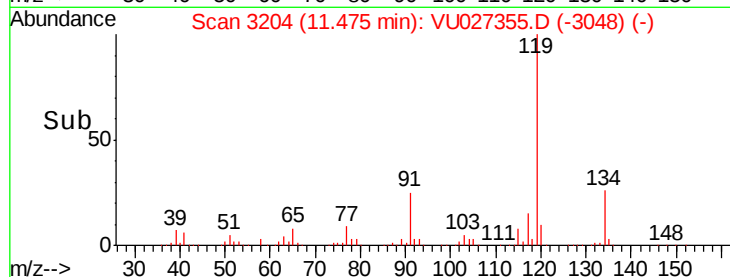
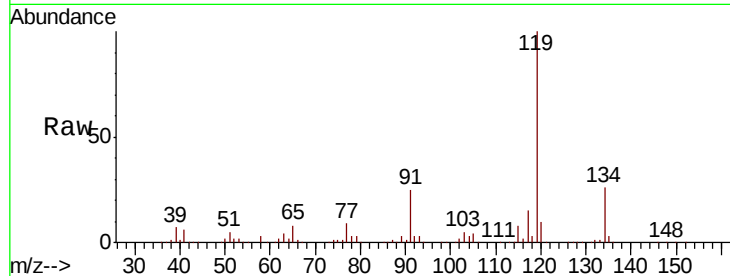
#81
 p-Isopropyltoluene
 Concen: 9.856 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.2	30.2
91	25.1	19.6	29.4

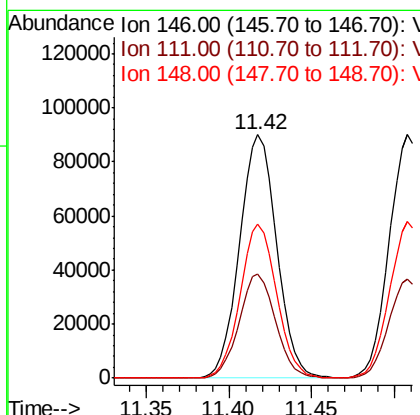
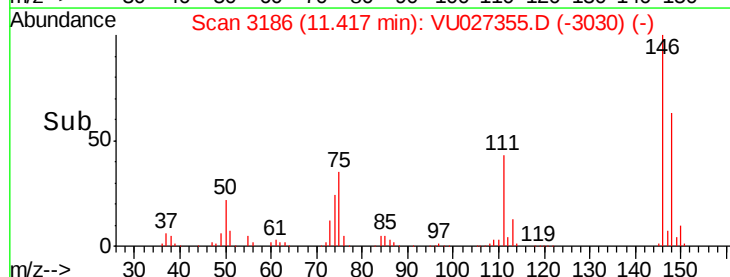
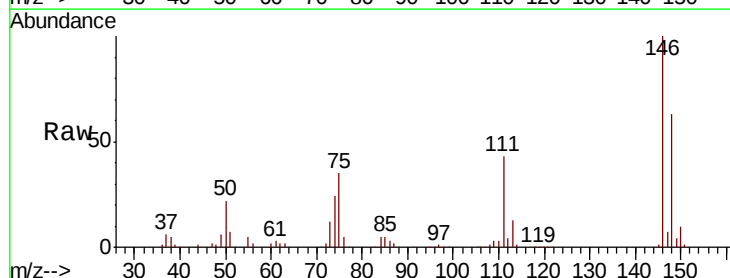
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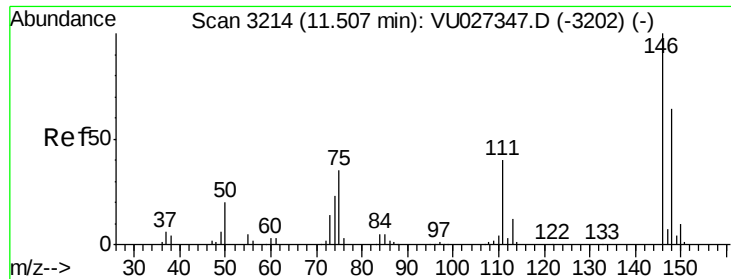
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#82
 1,3-Dichlorobenzene
 Concen: 11.165 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	34.3	51.5
148	62.2	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 11.035 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Instrument :

MSVOA_U

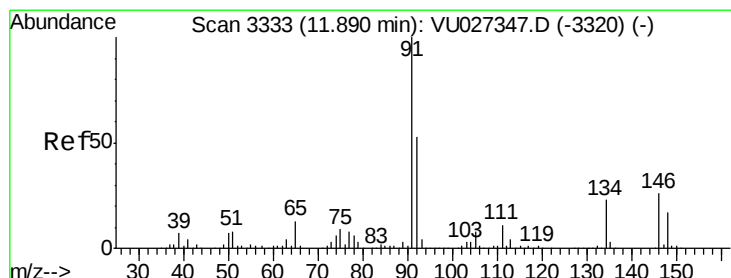
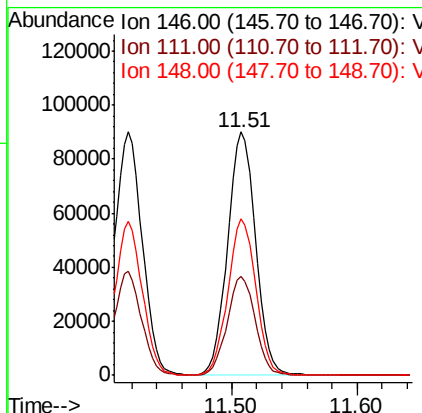
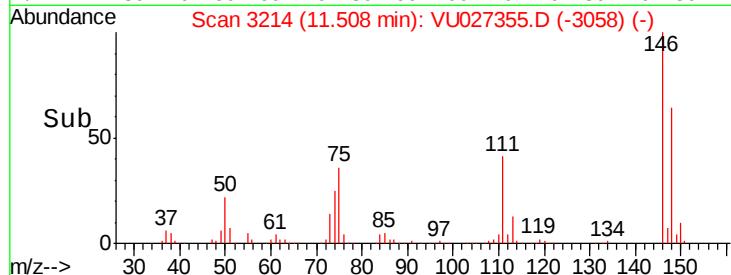
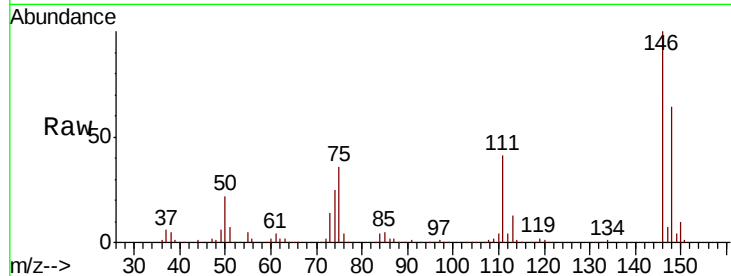
ClientSampleId :

VSTDCCC010EC

Tot Ion:	146	Resp:	138970
Ion Ratio	Lower	Upper	
146	100		
111	40.5	32.6	49.0
148	64.5	51.4	77.2

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#84

n-Butylbenzene

Concen: 9.933 ug/l

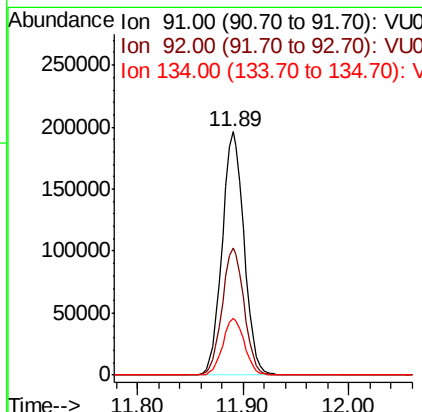
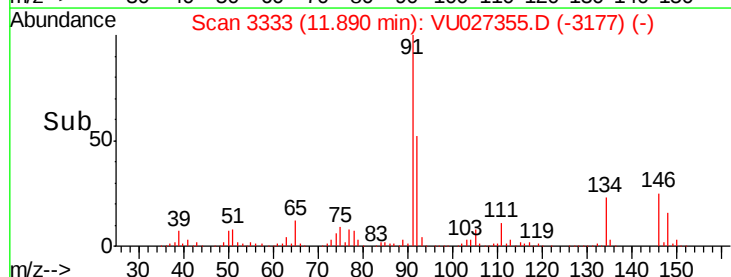
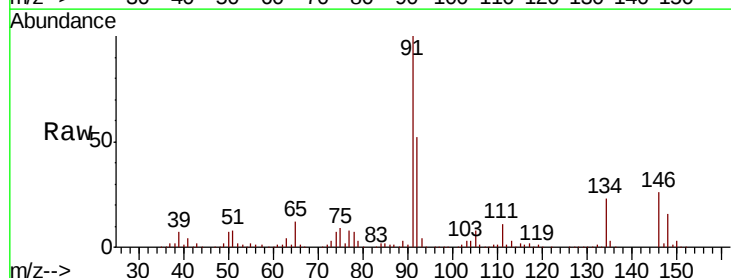
RT: 11.89 min Scan# 3333

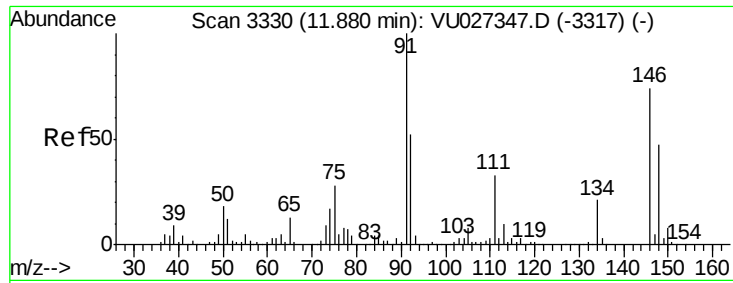
Delta R.T. 0.00 min

Lab File: VU027355.D

Acq: 02 Oct 2018 21:34

Tgt Ion:	91	Resp:	280895
Ion Ratio	Lower	Upper	
91	100		
92	52.3	42.2	63.2
134	23.1	18.2	27.4





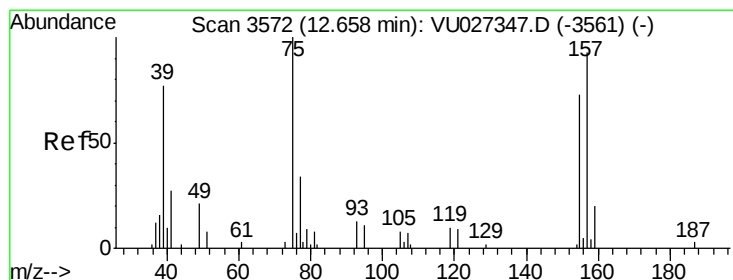
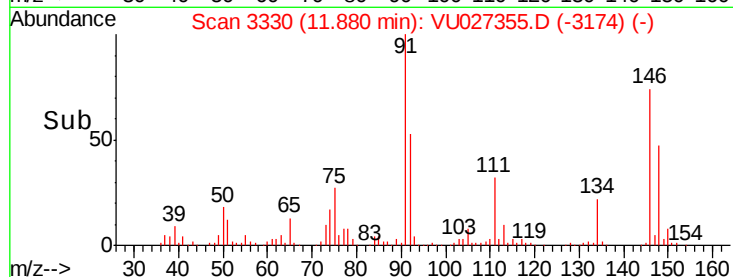
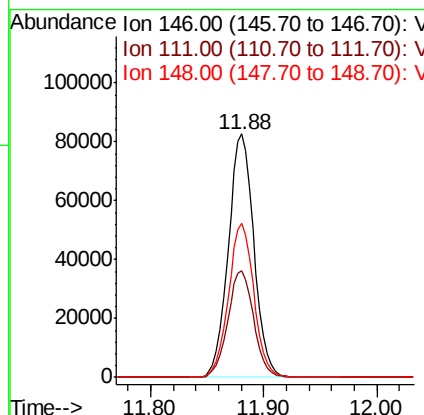
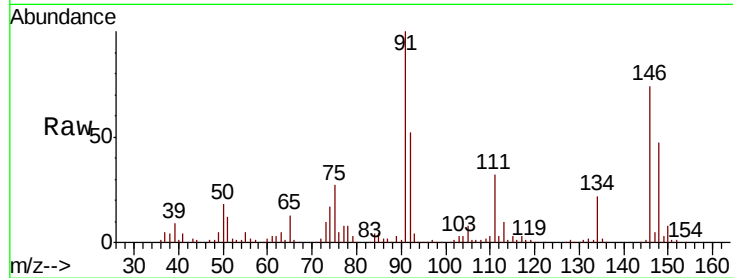
#85
 1,2-Dichlorobenzene
 Concen: 11.153 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.3
148	62.8	32.0	96.0

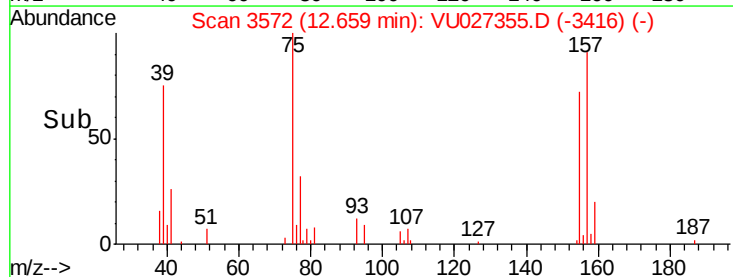
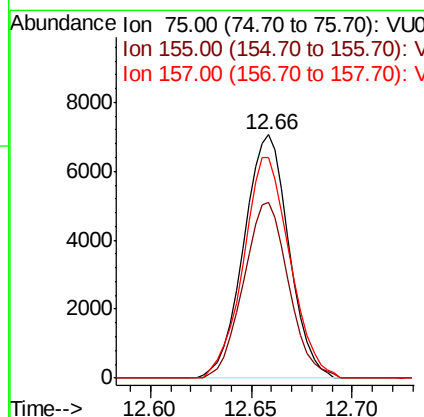
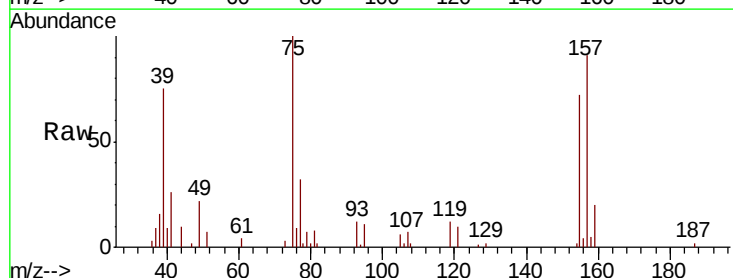
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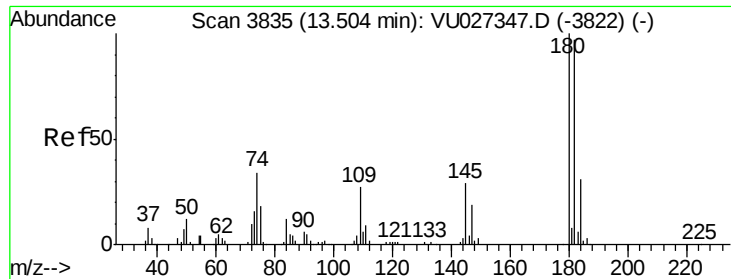
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.342 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.1	56.6	84.8
157	93.5	71.8	107.6





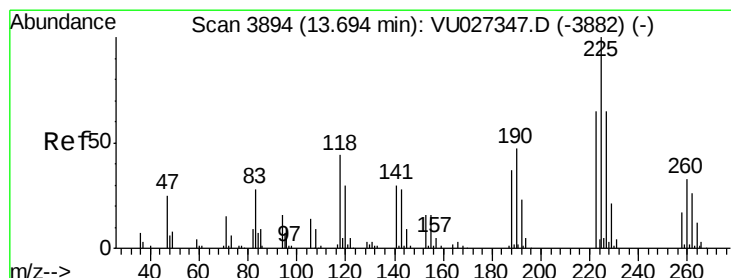
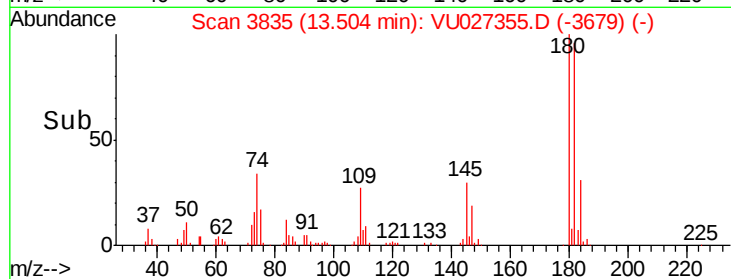
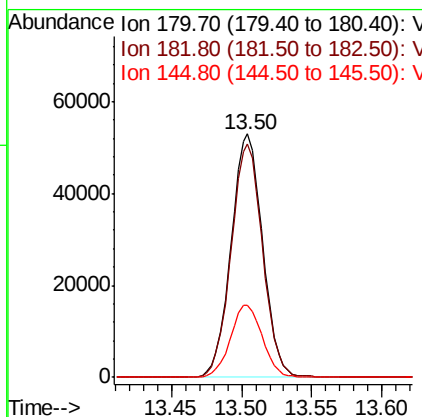
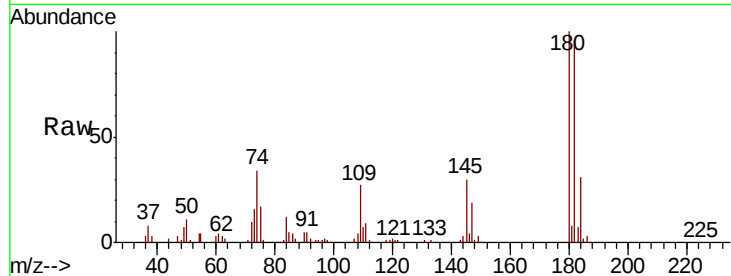
#87
 1,2,4-Trichlorobenzene
 Concen: 11.203 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

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

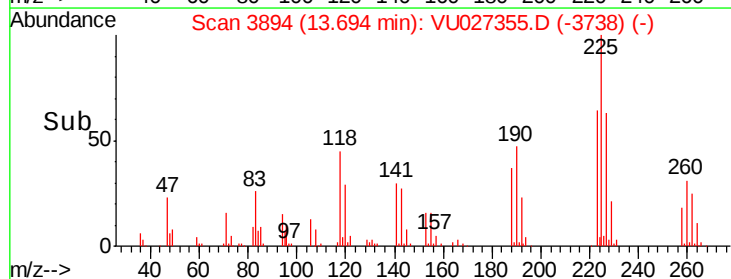
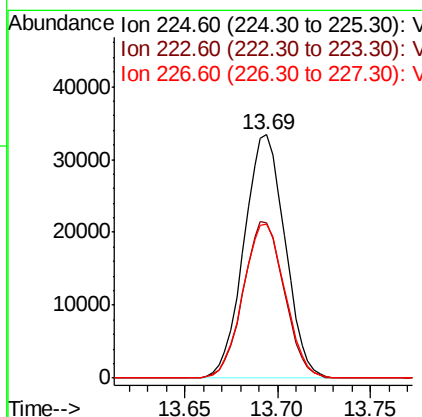
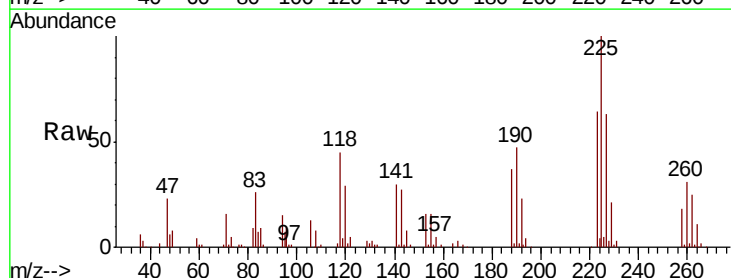
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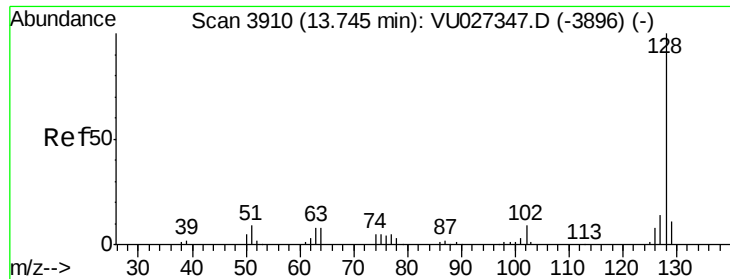
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#88
 Hexachlorobutadiene
 Concen: 10.543 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027355.D
 Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	64.8	52.3	78.5





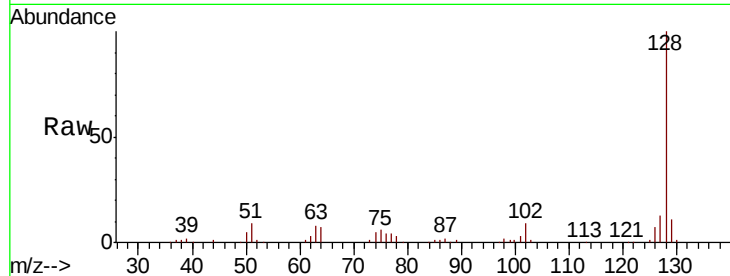
#89
Naphthalene
Concen: 12.412 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.8	8.4	12.6

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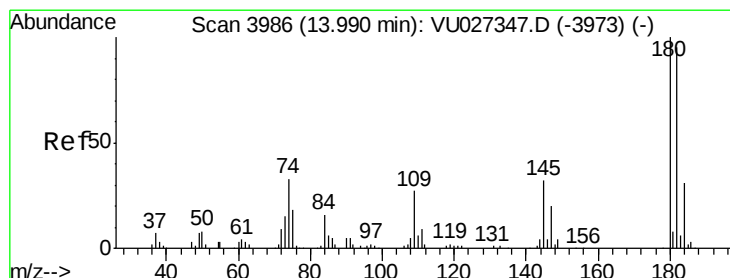
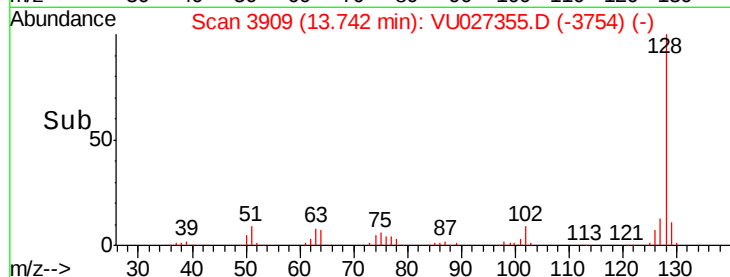
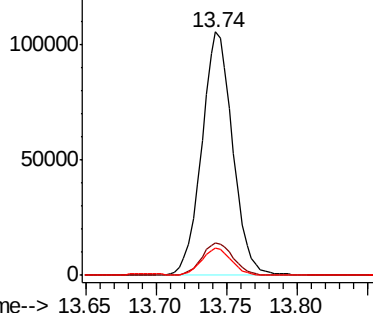


Abundance

Ion 128.00 (127.70 to 128.70): V

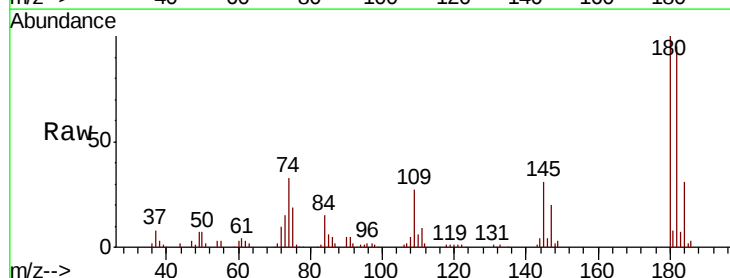
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.758 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027355.D
Acq: 02 Oct 2018 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.4
145	31.5	25.8	38.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

