

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030011.D
 Acq On : 12 Mar 2019 17:13
 Operator : JC/SP
 Sample : VU0314WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0314WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 12:56:27 PM

Quant Time: Mar 13 06:48:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	61572	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	21815	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25159	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.20	85	41422	1.834	ug/l	99
3) Chloromethane	1.33	50	46650	1.821	ug/l	97
4) Vinyl Chloride	1.40	62	41446	1.887	ug/l	99
5) Bromomethane	1.63	94	25937	2.067	ug/l	97
6) Chloroethane	1.70	64	24229	1.911	ug/l	99
7) Trichlorofluoromethane	1.88	101	53937	1.894	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29412	1.898	ug/l	99
9) 1,1-Dichloroethene	2.28	96	29222	1.902	ug/l	97
10) Iodomethane	2.41	142	24747	1.859	ug/l	98
11) Allyl Chloride	2.59	41	39767	1.831	ug/l	97
12) Acrylonitrile	2.93	53	12121	3.643	ug/l	96
13) Acetone	2.32	43	24087	8.315	ug/l	94
14) Carbon Disulfide	2.48	76	95457	1.783	ug/l	97
15) Methylene Chloride	2.70	84	34015	1.859	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	32718	1.844	ug/l	99
17) 1,1-Dichloroethane	3.44	63	56799	1.894	ug/l	98
18) 2-Butanone	4.28	43	36204	9.027	ug/l	96
19) Cyclohexane	4.98	56	47450m	1.847	ug/l	
20) Methylcyclohexane	6.41	83	51151	1.804	ug/l	99
21) 2,2-Dichloropropane	4.22	77	44954	1.782	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	36677	1.860	ug/l	97
23) Diethyl Ether	2.10	59	21638	1.885	ug/l	96
24) tert-Butyl Alcohol	2.83	59	22437	18.265	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	74072	1.909	ug/l	99
26) Bromochloromethane	4.55	128	16351	1.895	ug/l	99
27) Chloroform	4.67	83	58212	1.845	ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	49446	1.904	ug/l	99
29) 1,1-Dichloropropene	5.13	75	42838	1.812	ug/l	98
30) Carbon Tetrachloride	5.13	117	41529	1.789	ug/l	97
31) Isopropyl Ether	3.57	45	78559	1.861	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	76107	1.872	ug/l	97
33) Tert-Amyl methyl ether	5.58	73	67519	1.814	ug/l	99
34) Propionitrile	4.34	54	10546	9.434	ug/l #	94
35) Benzene	5.39	78	129220	1.869	ug/l	98
36) 1,2-Dichloroethane	5.40	62	35140	1.900	ug/l	99
37) Trichloroethene	6.18	130	36816	1.848	ug/l	96
38) 1,2-Dichloropropane	6.43	63	32974	1.876	ug/l	98
39) Methacrylonitrile	4.55	41	8908	1.827	ug/l #	94
40) Methyl acrylate	4.43	55	14284	1.854	ug/l #	93
41) Tetrahydrofuran	4.65	42	9390	3.482	ug/l	96
42) 1-Chlorobutane	5.06	56	58500	1.890	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	17105	1.881	ug/l	97
44) Bromodichloromethane	6.75	83	40772	1.879	ug/l	93
45) 4-Methyl-2-Pentanone	7.46	43	83932	9.340	ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	13552m	4.157	ug/l	
47) Methyl methacrylate	6.63	69	27882	3.659	ug/l	98
48) Ethyl methacrylate	8.02	69	26830	1.867	ug/l	99
49) Toluene	7.63	92	76725	1.841	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	35712	1.838	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	44250	1.812	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	25313	1.969	ug/l	99
53) 1,3-Dichloropropane	8.24	76	40635	1.890	ug/l	99
54) 2-Hexanone	8.36	43	58140	8.980	ug/l	98
55) Dibromochloromethane	8.48	129	28969	1.873	ug/l	98
56) 1,2-Dibromoethane	8.58	107	22598	1.826	ug/l	98
58) Tetrachloroethene	8.22	164	34062	1.883	ug/l	98
59) Chlorobenzene	9.12	112	86911	1.825	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	30989	1.843	ug/l	97
61) Pentachloroethane	11.10	117	23729	1.828	ug/l	95
62) Hexachloroethane	12.14	117	23613	1.806	ug/l	96
63) Ethyl Benzene	9.25	91	143456	1.835	ug/l	99
64) m/p-Xylenes	9.37	106	113673	3.695	ug/l	100
65) o-Xylene	9.77	106	54361	1.801	ug/l	98
66) Styrene	9.79	104	90750	1.835	ug/l	100
67) Bromoform	9.96	173	16590	1.876	ug/l	98
69) Isopropylbenzene	10.16	105	145649	1.851	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	31296	1.975	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	22226m	1.866	ug/l	
72) Bromobenzene	10.45	156	38453	1.864	ug/l	99
73) n-propylbenzene	10.58	120	40954	1.835	ug/l	99
74) 2-Chlorotoluene	10.66	126	37848	1.936	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	122920	1.834	ug/l	99
76) 4-Chlorotoluene	10.77	126	37077	1.858	ug/l	98
77) tert-Butylbenzene	11.10	119	120035	1.829	ug/l	98
78) 1,2,4-Trimethylbenzene	11.14	105	126752	1.859	ug/l	100
79) sec-Butylbenzene	11.32	105	164260	1.869	ug/l	99
80) Nitrobenzene	12.87	77	2202	7.779	ug/l #	80
81) p-Isopropyltoluene	11.47	119	137926	1.871	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	79135	1.899	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	76032	1.815	ug/l	99
84) n-Butylbenzene	11.89	91	124879	1.813	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	72751	1.876	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	4263	1.867	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	49955	1.785	ug/l	99
88) Hexachlorobutadiene	13.69	225	30497	2.010	ug/l	97
89) Naphthalene	13.74	128	75207	1.715	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	48178	1.900	ug/l	97

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

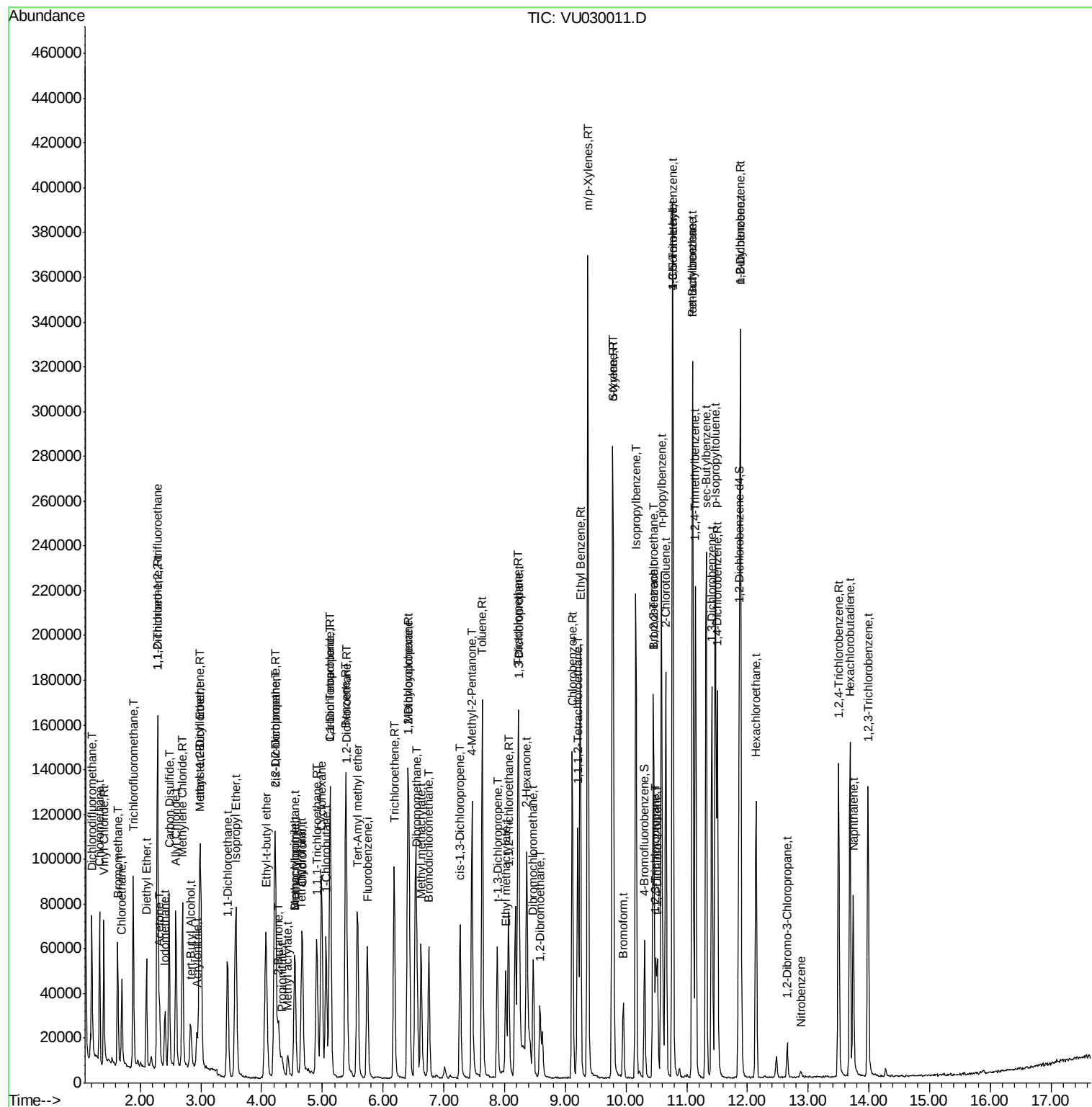
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
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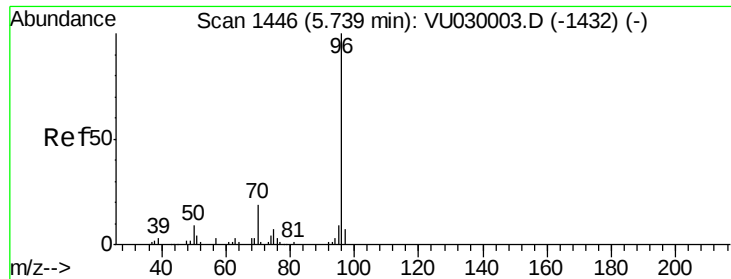
Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

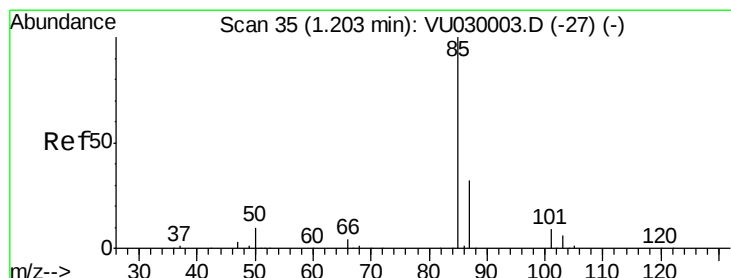
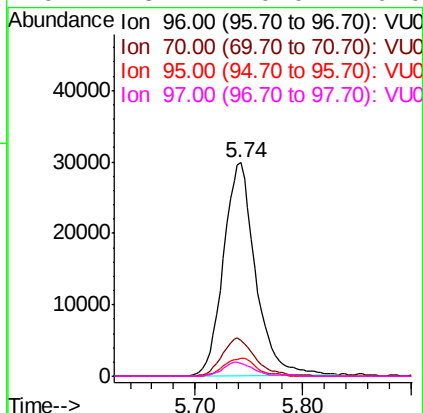
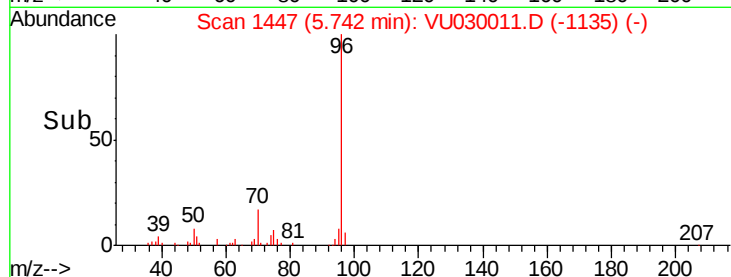
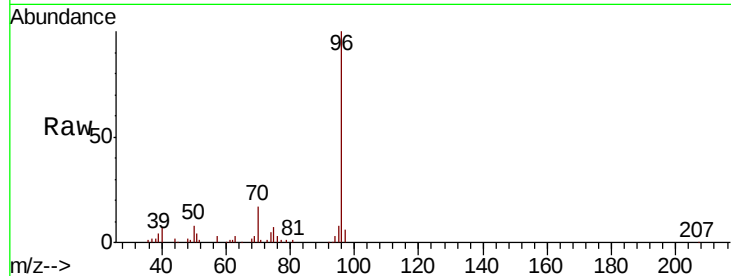
ClientSampleId :

VU0314WBS01

Tgt Ion:	96	Resp:	61572
Ion	Ratio	Lower	Upper
96	100		
70	17.6	15.5	23.3
95	8.6	6.6	9.8
97	5.7	0.0	0.0#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 1.834 ug/l

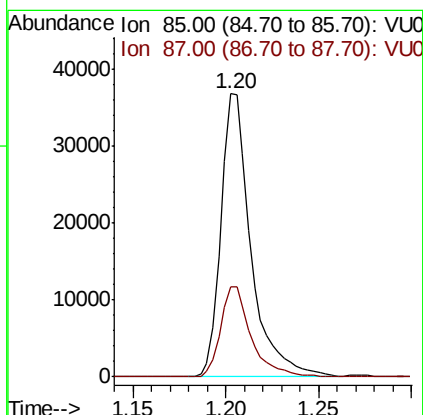
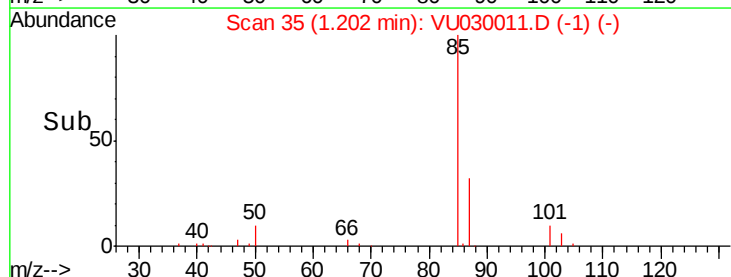
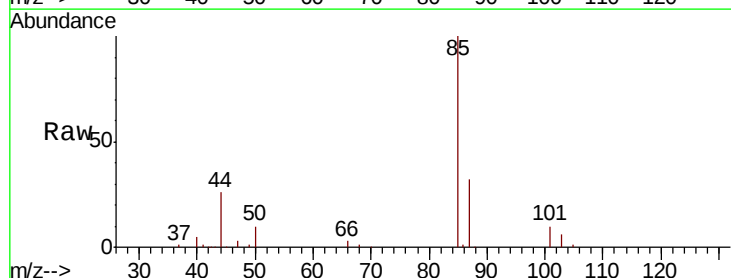
RT: 1.20 min Scan# 35

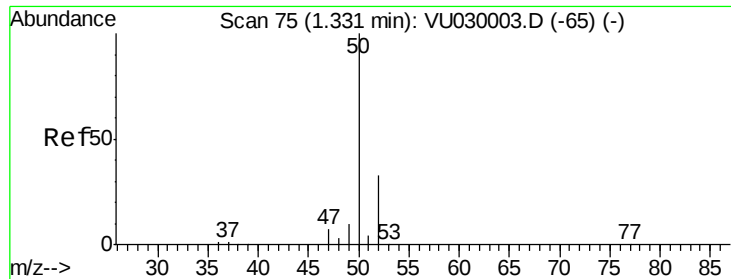
Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Tgt Ion:	85	Resp:	41422
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.6





#3

Chloromethane

Concen: 1.821 ug/l

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 50 Resp: 46650

Ion Ratio Lower Upper

50 100

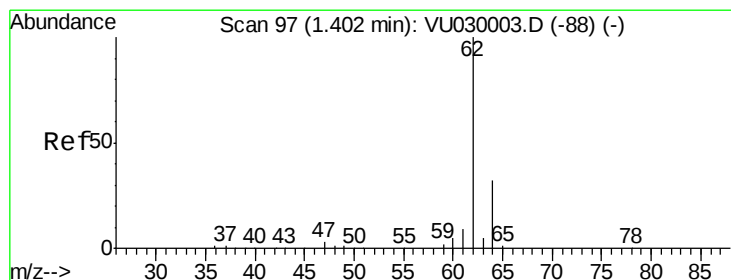
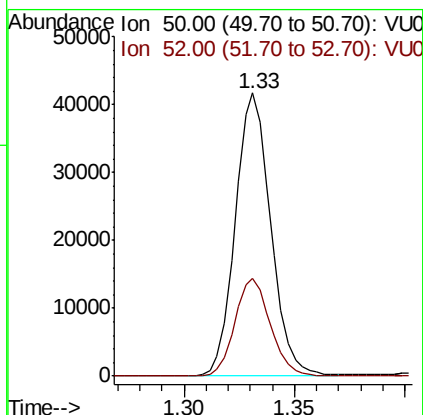
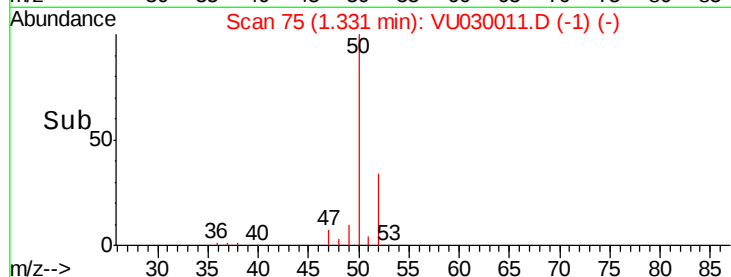
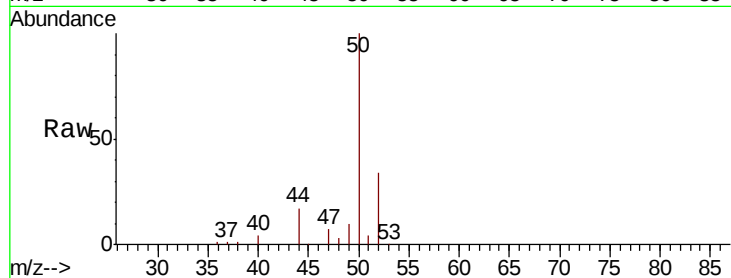
52 34.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.887 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030011.D

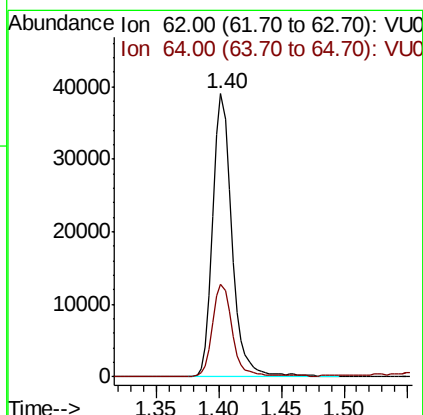
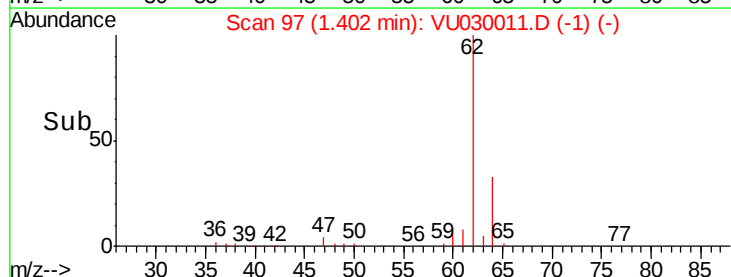
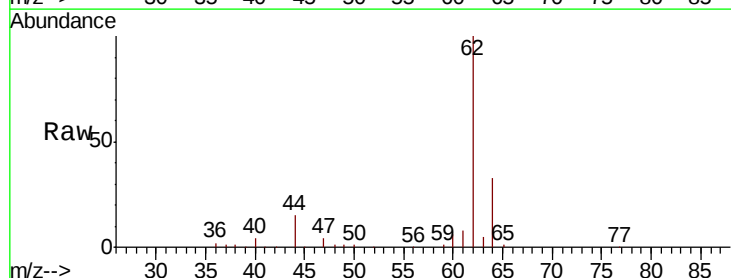
Acq: 12 Mar 2019 17:13

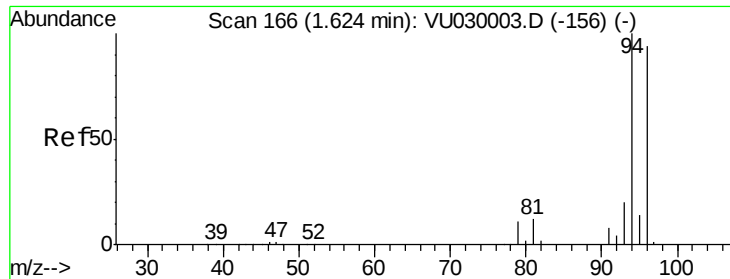
Tgt Ion: 62 Resp: 41446

Ion Ratio Lower Upper

62 100

64 33.0 26.0 39.0





#5

Bromomethane

Concen: 2.067 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 94 Resp: 25937

Ion Ratio Lower Upper

94 100

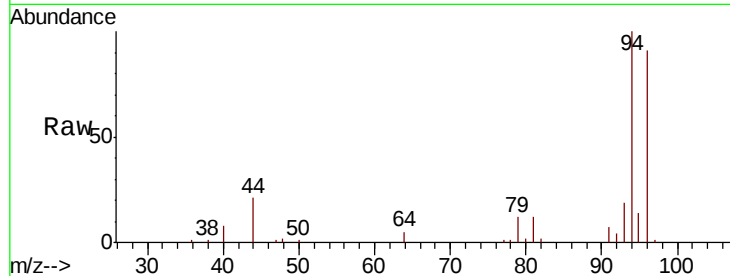
96 90.7 75.2 112.8

Manual Integrations

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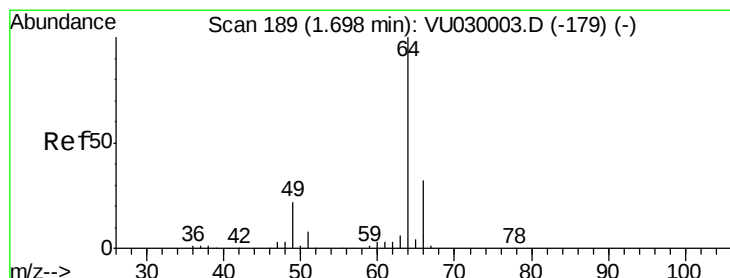
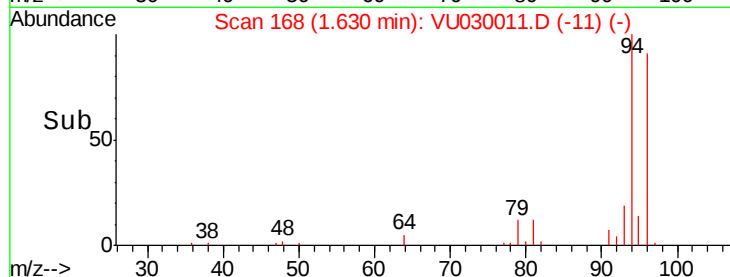
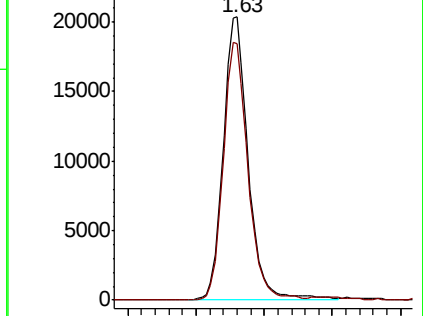
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Abundance Ion 94.00 (93.70 to 94.70): VU030011.D (-11) (-)

Ion 96.00 (95.70 to 96.70): VU030011.D (-11) (-)



#6

Chloroethane

Concen: 1.911 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU030011.D

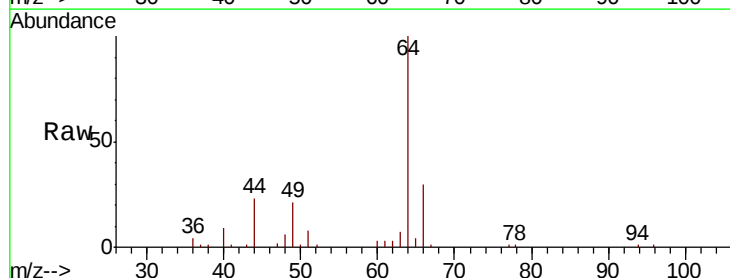
Acq: 12 Mar 2019 17:13

Tgt Ion: 64 Resp: 24229

Ion Ratio Lower Upper

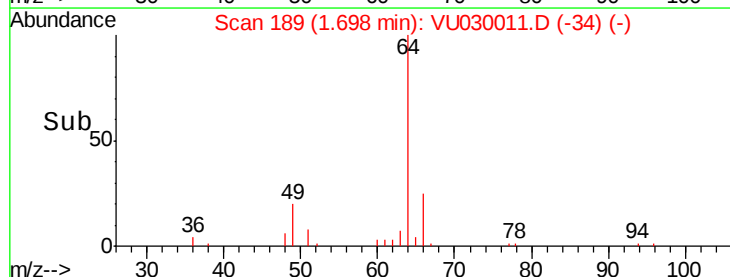
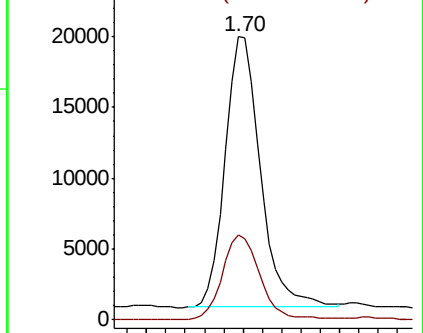
64 100

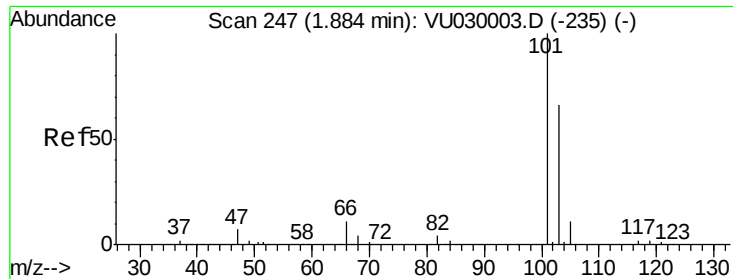
66 31.5 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VU030011.D (-34) (-)

Ion 66.00 (65.70 to 66.70): VU030011.D (-34) (-)





#7

Trichlorofluoromethane

Concen: 1.894 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion:101 Resp: 53937

Ion Ratio Lower Upper

101 100

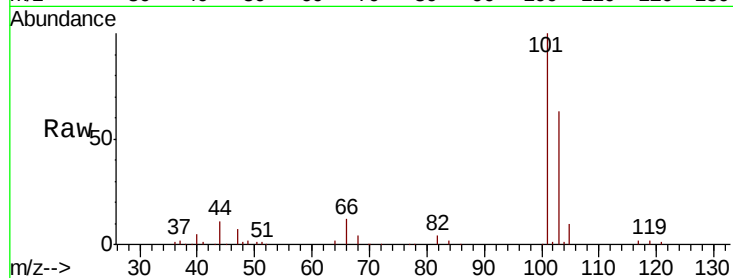
103 62.5 52.6 79.0

Manual Integrations

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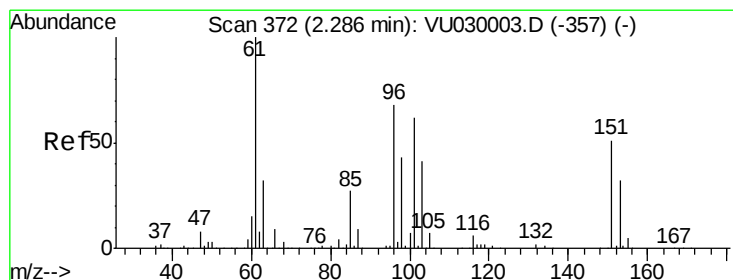
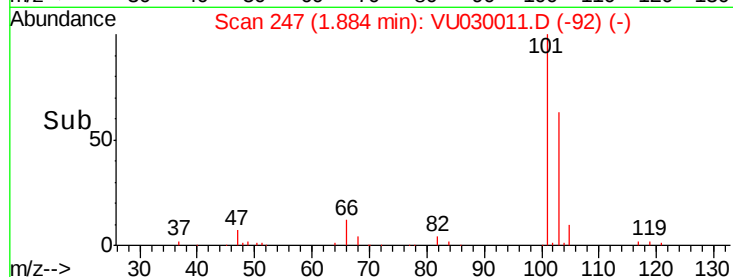
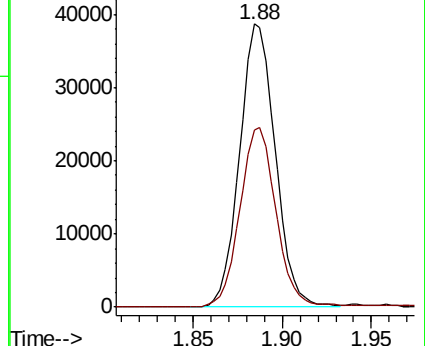
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.898 ug/l

RT: 2.29 min Scan# 372

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

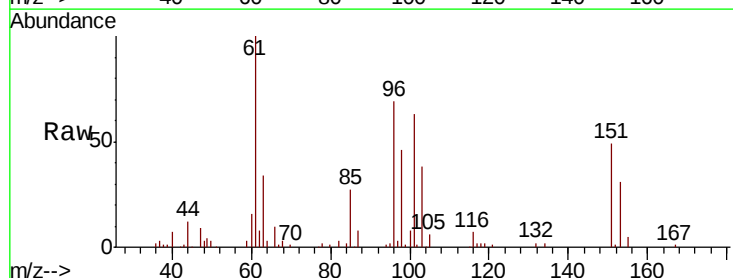
Tgt Ion:101 Resp: 29412

Ion Ratio Lower Upper

101 100

85 42.3 33.6 50.4

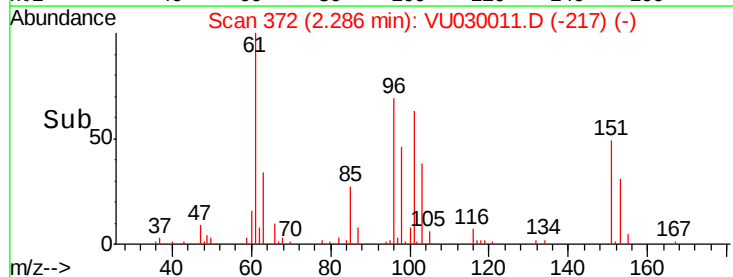
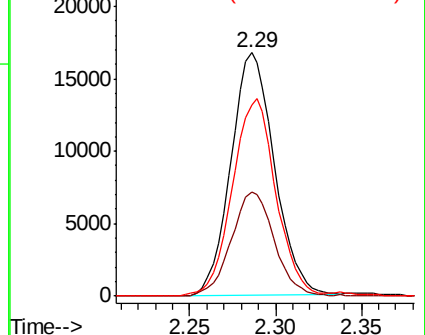
151 79.6 65.0 97.4

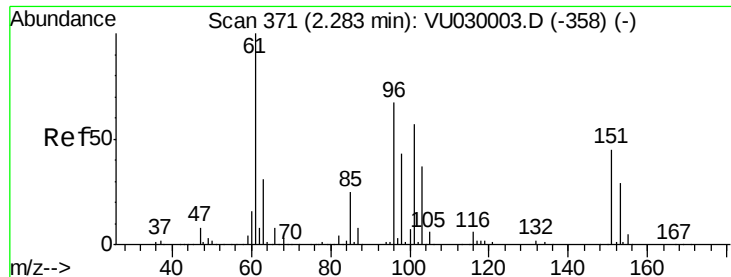


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.902 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

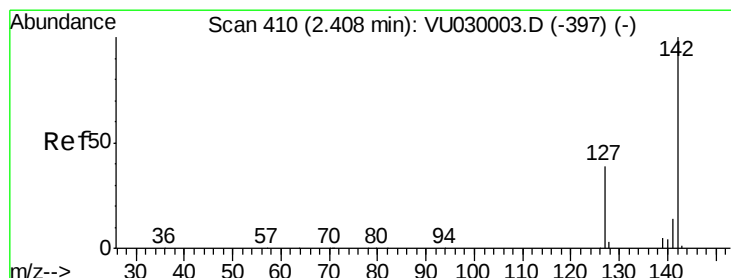
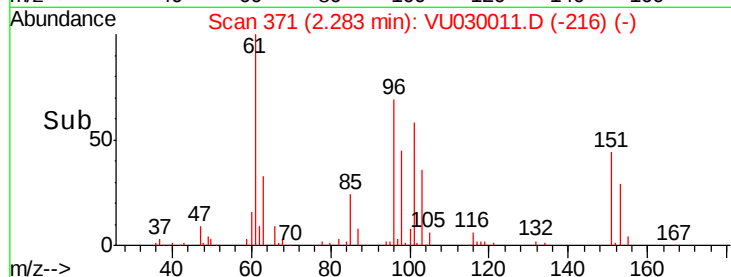
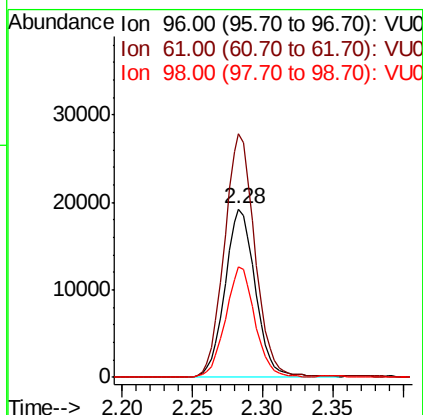
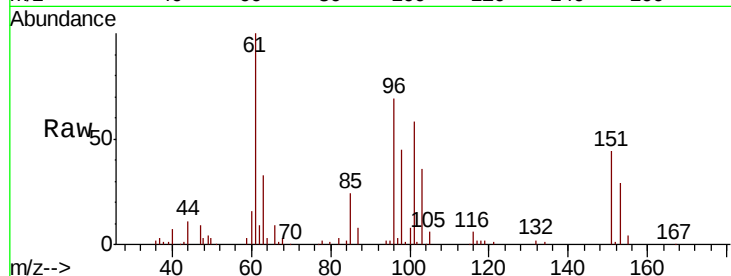
ClientSampleId :

VU0314WBS01

Tgt Ion:	96	Resp:	29222
Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	447.0
98	65.3	0.0	129.2

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#10

Iodomethane

Concen: 1.859 ug/l

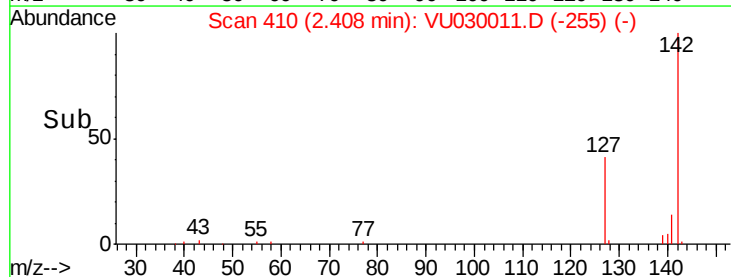
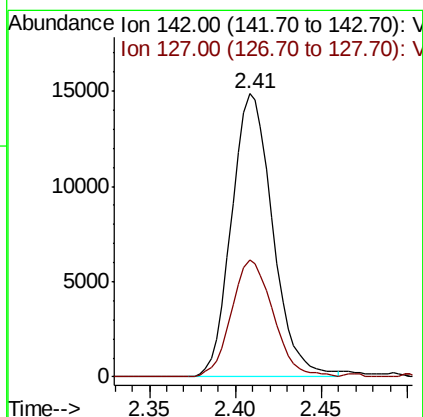
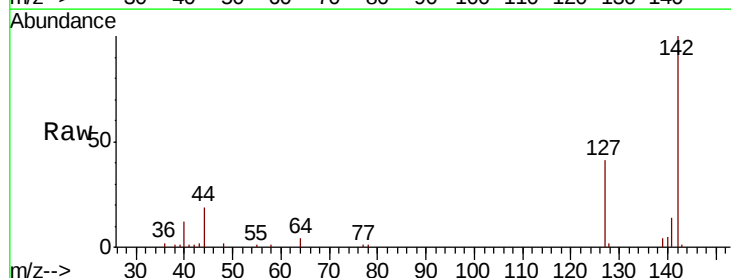
RT: 2.41 min Scan# 410

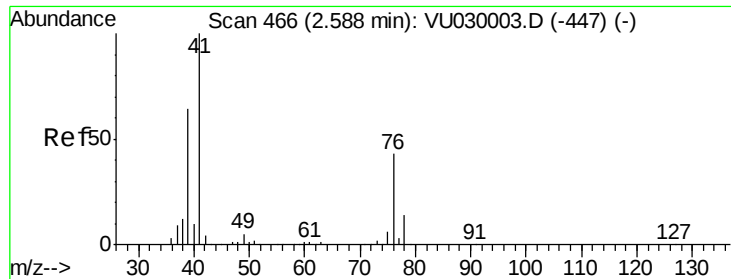
Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Tgt Ion:	142	Resp:	24747
Ion	Ratio	Lower	Upper
142	100		
127	41.7	32.2	48.4





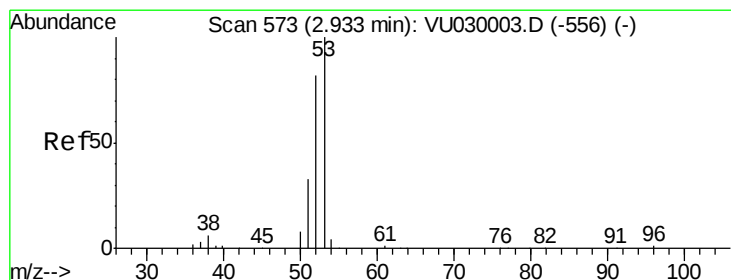
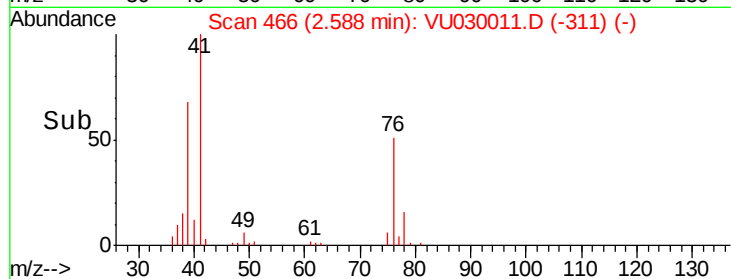
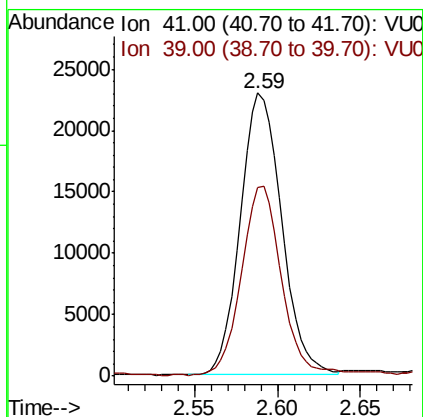
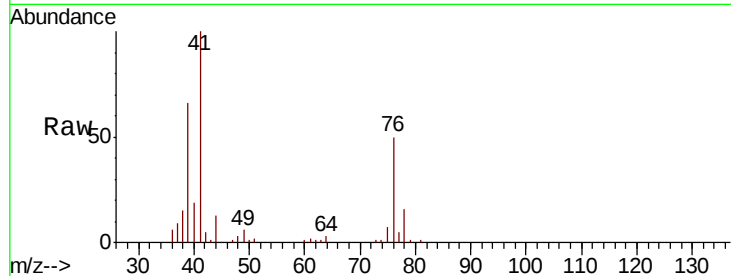
#11
 Allyl Chloride
 Concen: 1.831 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampled :
 VU0314WBS01

Tgt Ion: 41 Resp: 39767
 Ion Ratio Lower Upper
 41 100
 39 65.8 50.8 76.2

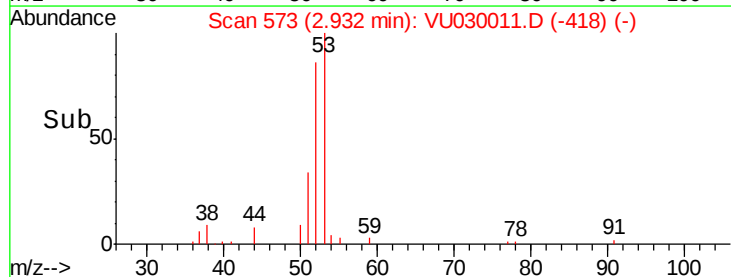
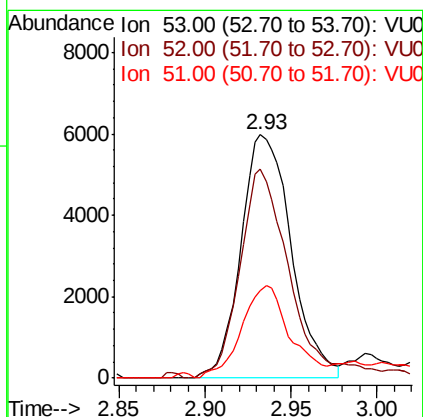
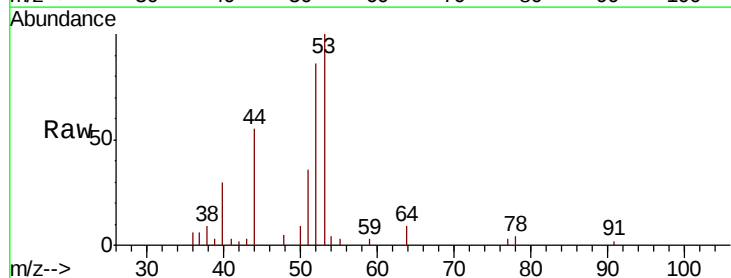
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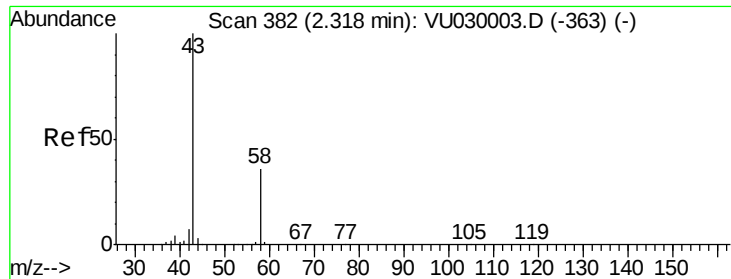
MMDadoda
 3/13/2019 12:56:27 PM



#12
 Acrylonitrile
 Concen: 3.643 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 53 Resp: 12121
 Ion Ratio Lower Upper
 53 100
 52 85.6 66.3 99.5
 51 36.7 26.9 40.3





#13

Acetone

Concen: 8.315 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 43 Resp: 24087

Ion Ratio Lower Upper

43 100

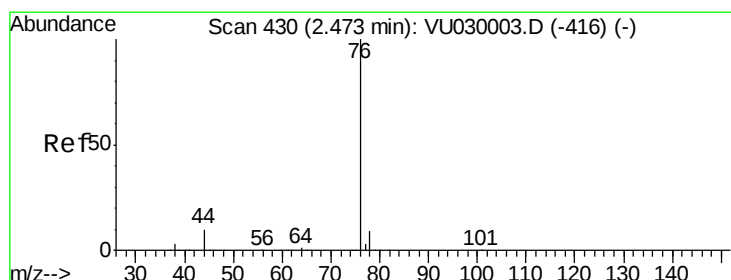
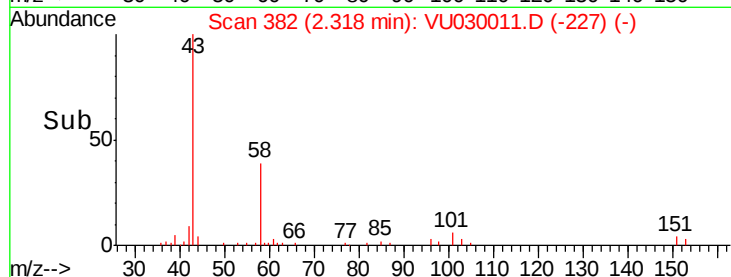
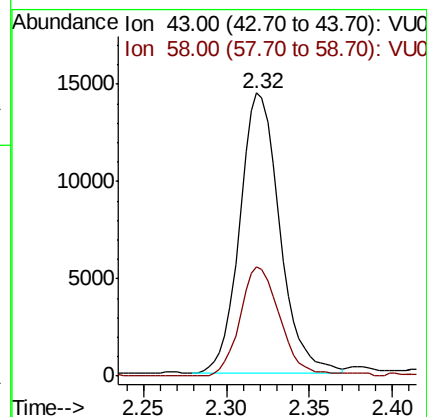
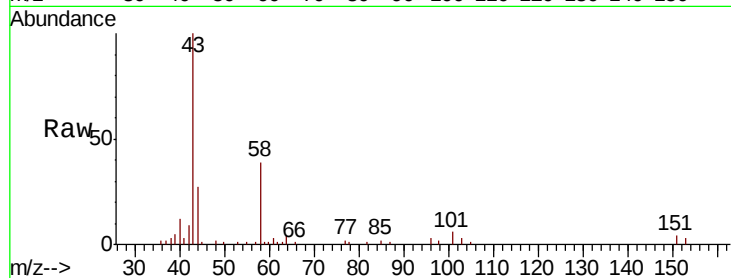
58 39.2 28.6 43.0

Manual Integrations

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#14

Carbon Disulfide

Concen: 1.783 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU030011.D

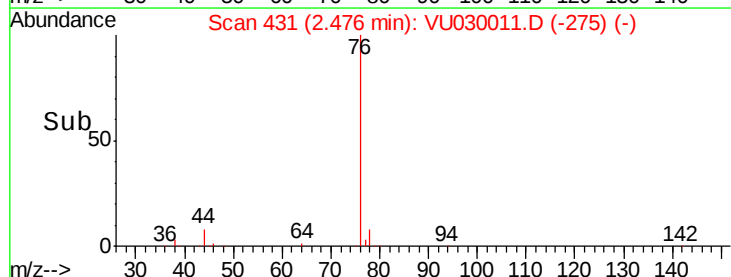
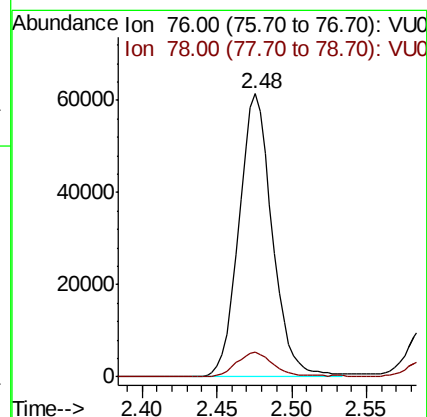
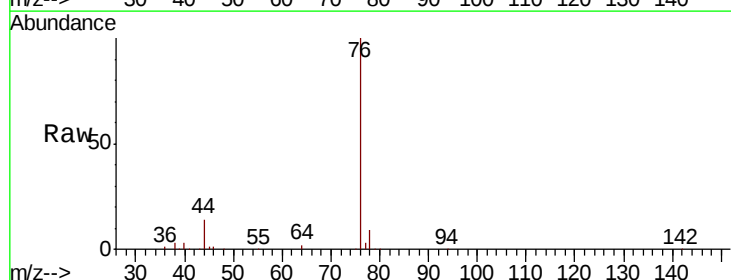
Acq: 12 Mar 2019 17:13

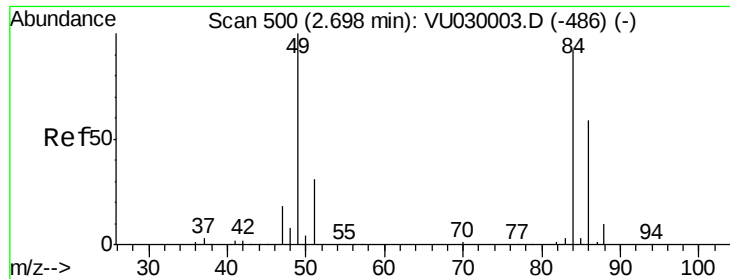
Tgt Ion: 76 Resp: 95457

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.2





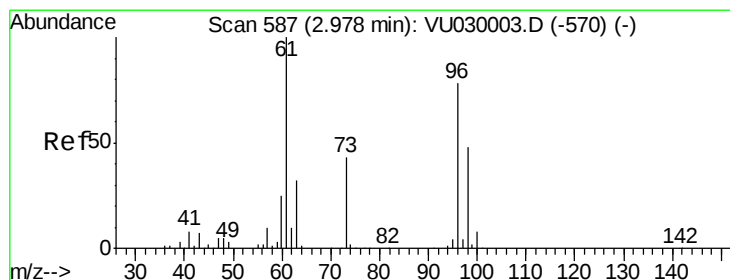
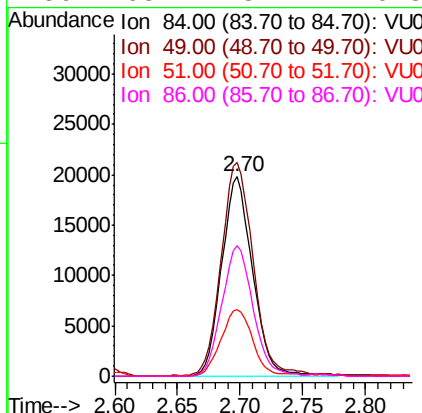
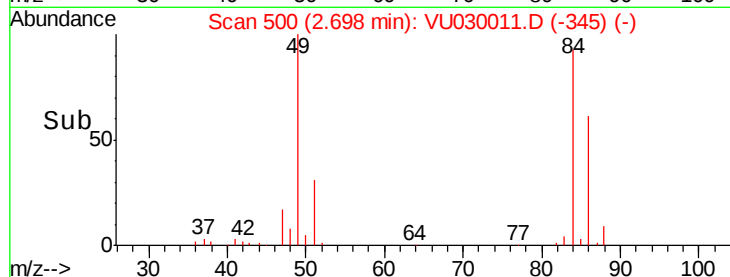
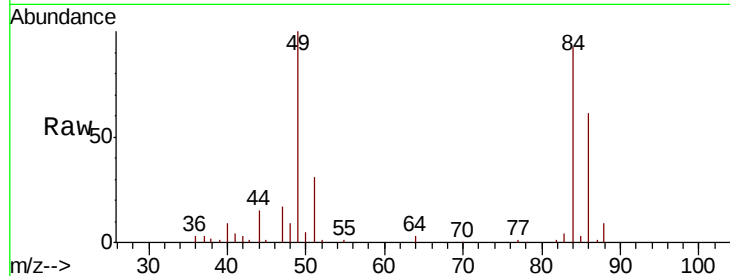
#15
Methylene Chloride
Concen: 1.859 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.2	86.5	129.7
51	32.7	0.0	66.8
86	65.7	51.2	76.8

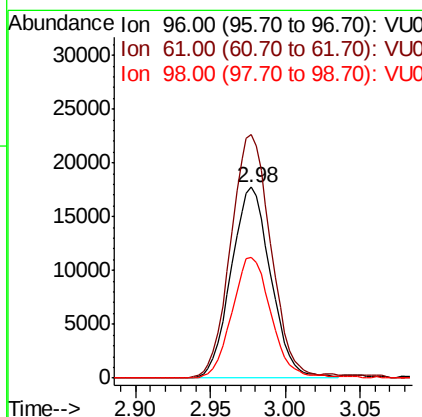
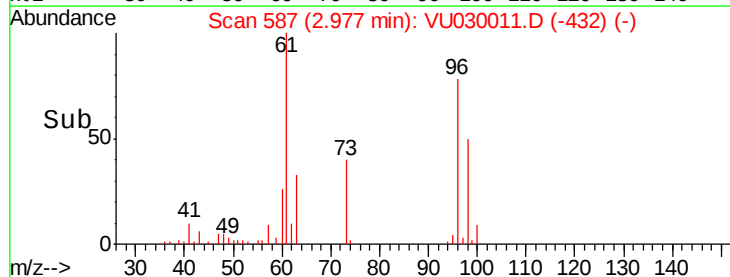
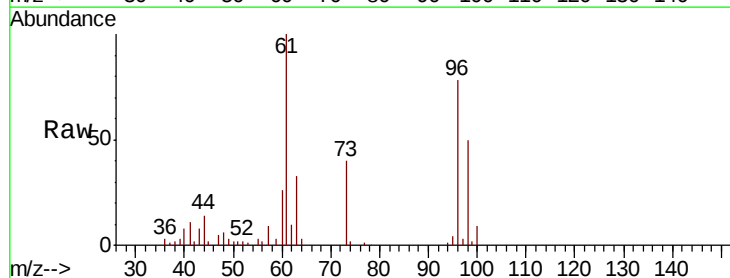
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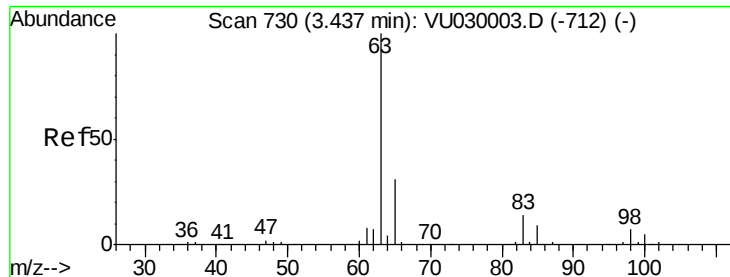
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#16
trans-1,2-Dichloroethene
Concen: 1.844 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.5	103.0	154.6
98	63.4	49.5	74.3





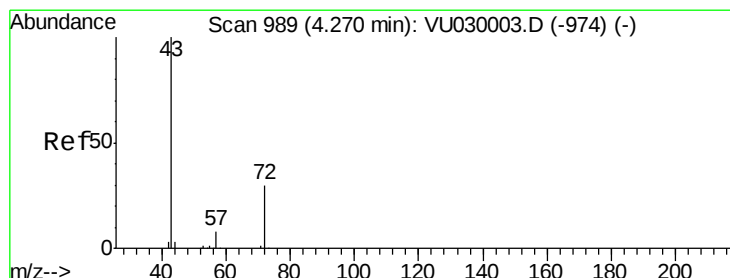
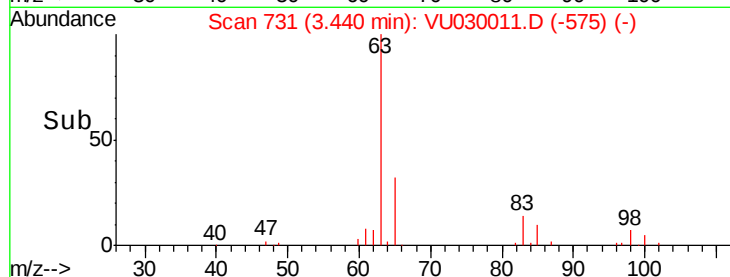
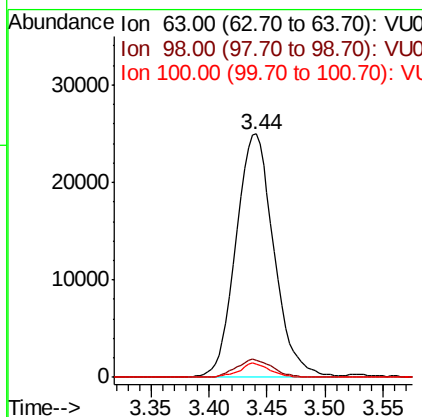
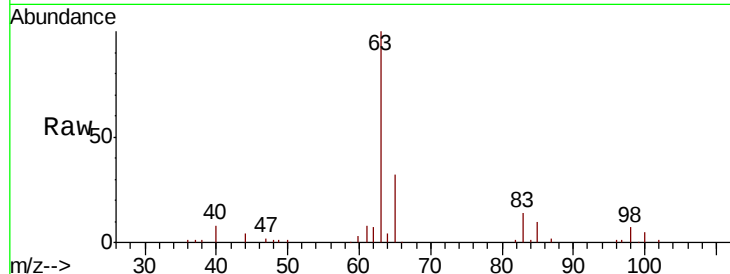
#17
 1,1-Dichloroethane
 Concen: 1.894 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	56799		
98	7.2		3.4	10.2
100	5.3		2.3	6.8

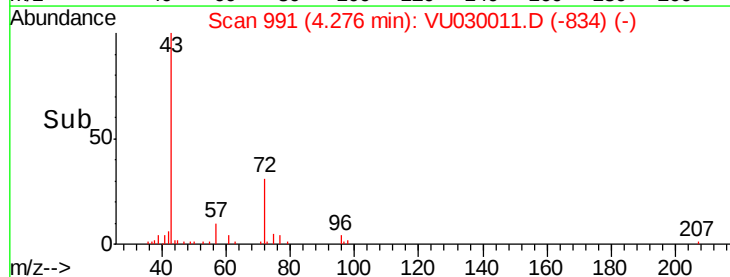
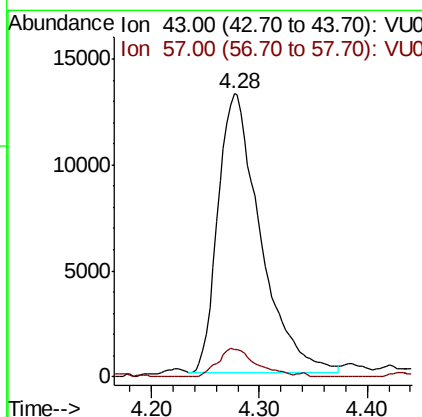
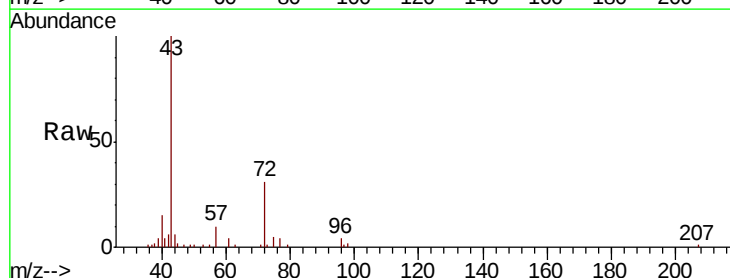
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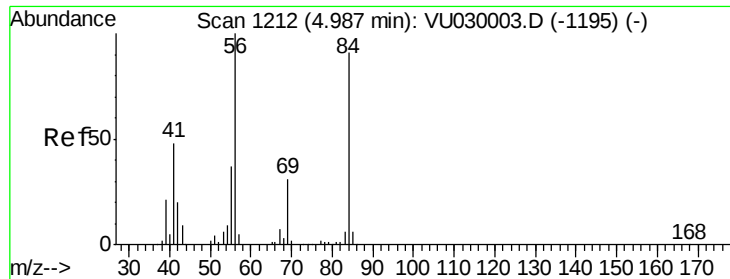
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#18
 2-Butanone
 Concen: 9.027 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	36204		
57	9.9		0.0	16.8





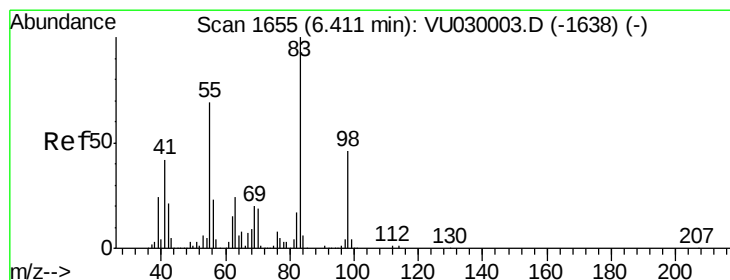
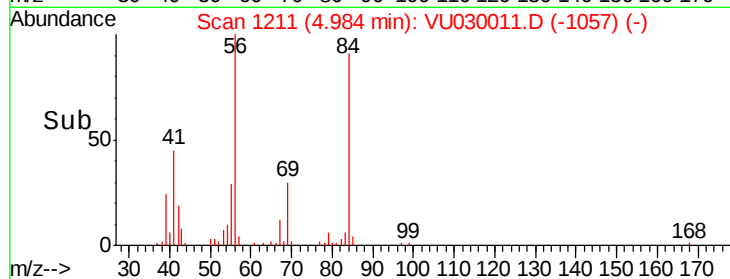
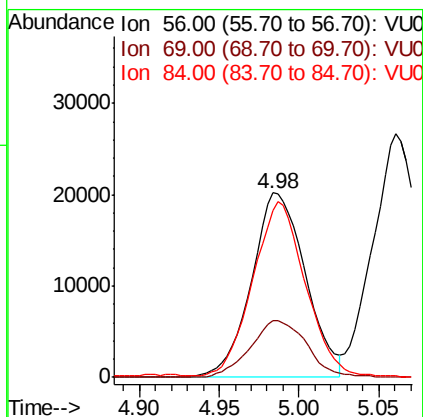
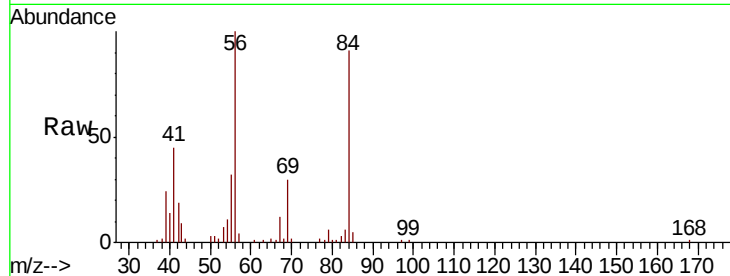
#19
Cyclohexane
Concen: 1.847 ug/l m
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.7	38.5
84	92.3	72.9	109.3

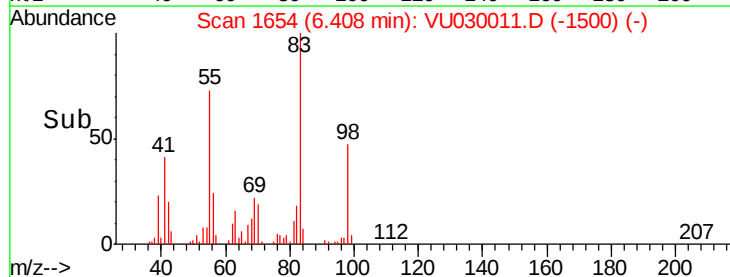
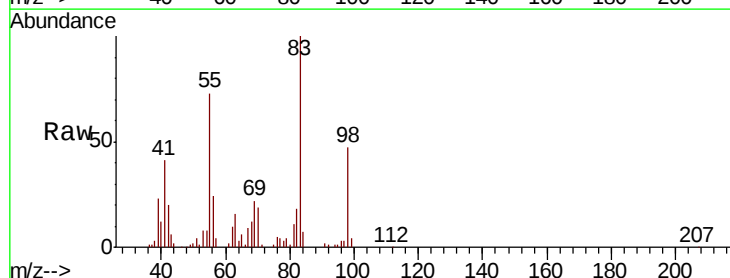
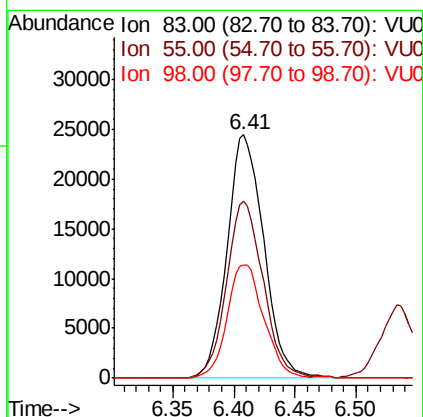
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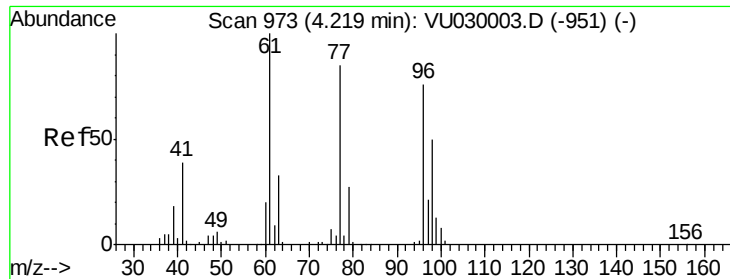
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#20
Methylcyclohexane
Concen: 1.804 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.2	55.6	83.4
98	46.5	37.4	56.0





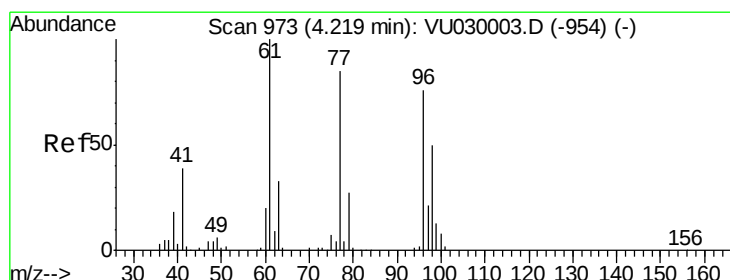
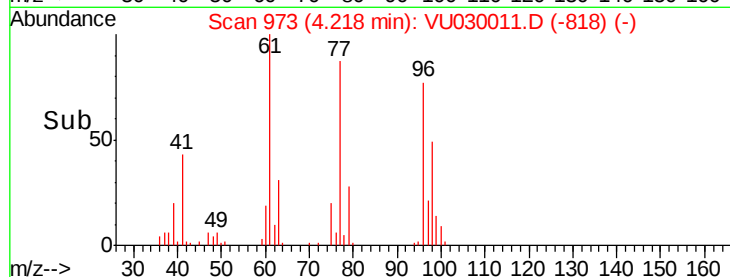
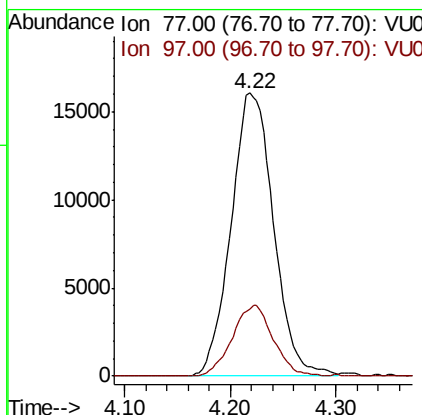
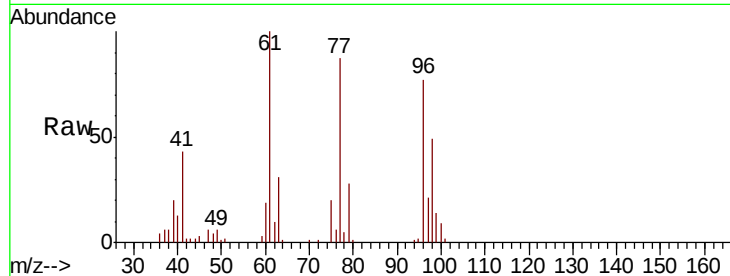
#21
 2,2-Dichloropropane
 Concen: 1.782 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion: 77 Resp: 44954
 Ion Ratio Lower Upper
 77 100
 97 24.1 20.2 30.4

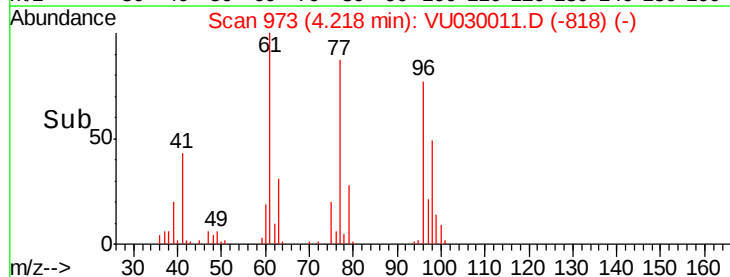
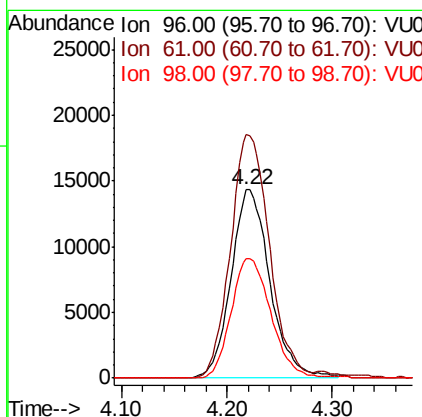
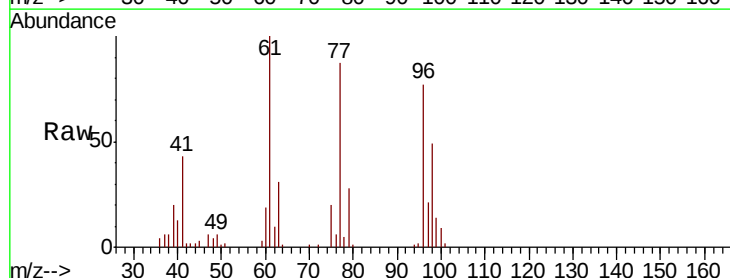
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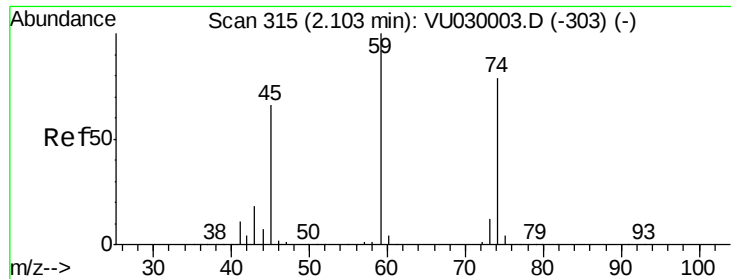
MMDadoda
 3/13/2019 12:56:27 PM



#22
 cis-1,2-Dichloroethene
 Concen: 1.860 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 96 Resp: 36677
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 335.8
 98 64.9 32.6 97.7





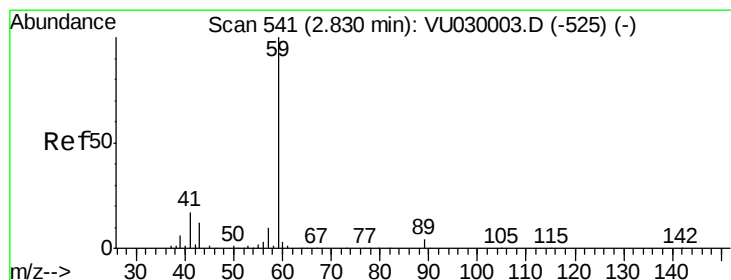
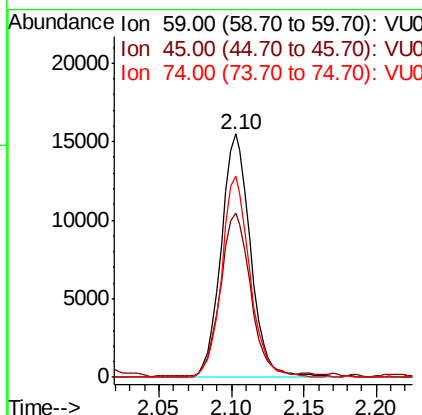
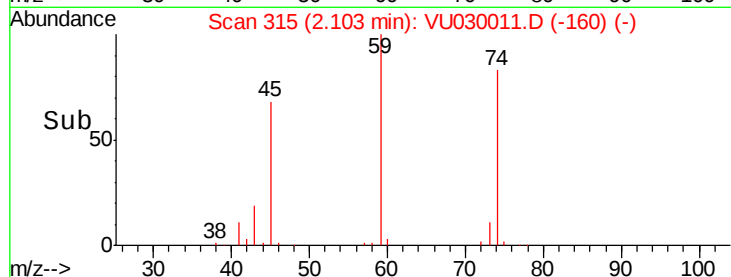
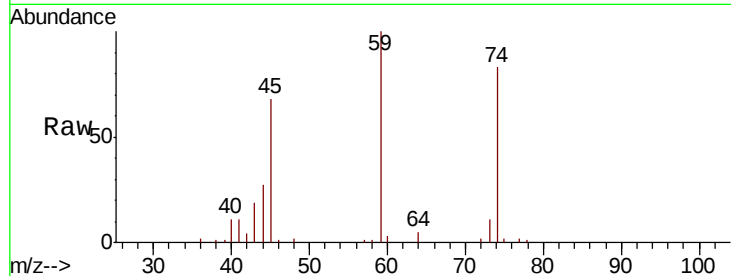
#23
Diethyl Ether
Concen: 1.885 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
45	68.1	52.3	78.5
74	79.8	61.1	91.7

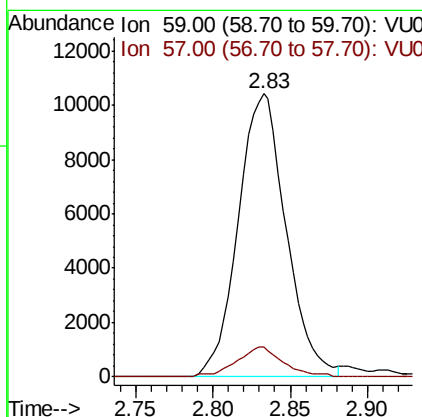
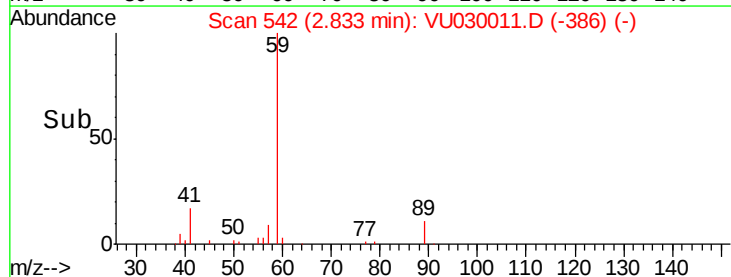
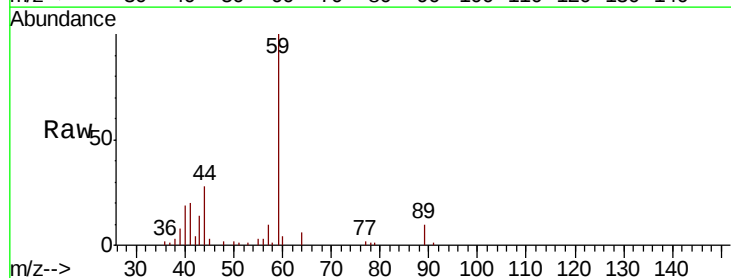
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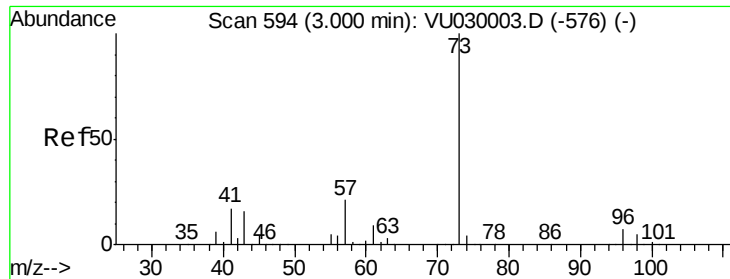
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 18.265 ug/l
RT: 2.83 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.7	11.5





#25

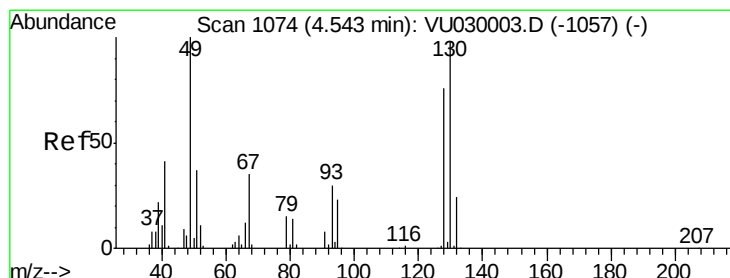
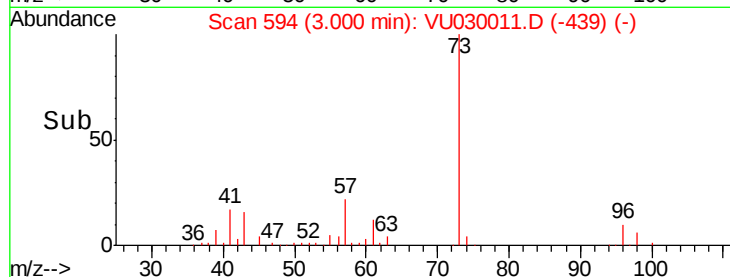
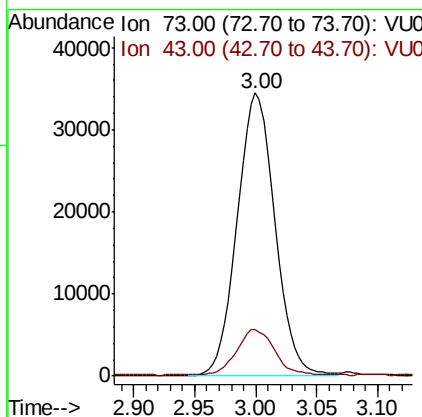
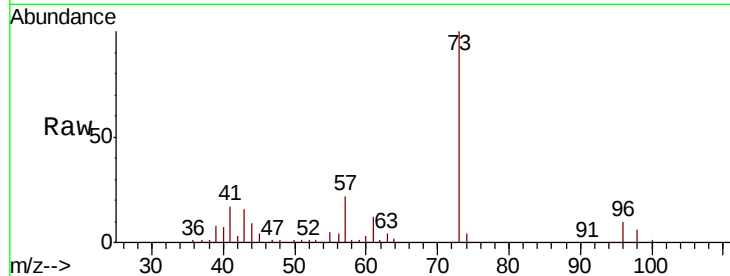
Methyl tert-Butyl Ether
Concen: 1.909 ug/l
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
43	16.0	13.1	19.7

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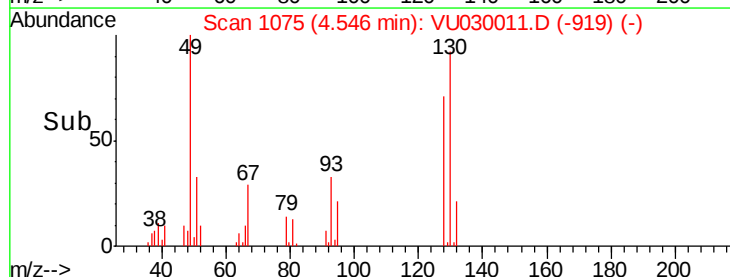
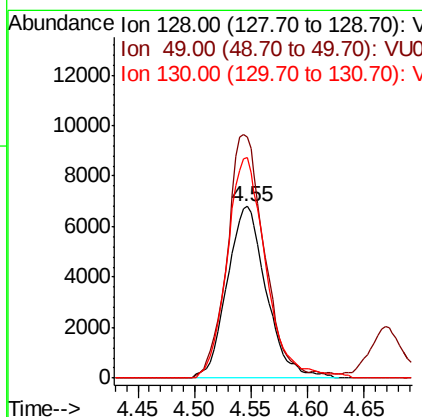
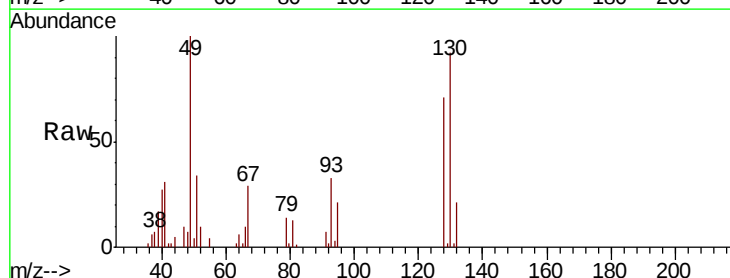
MMDadoda
3/13/2019 12:56:27 PM

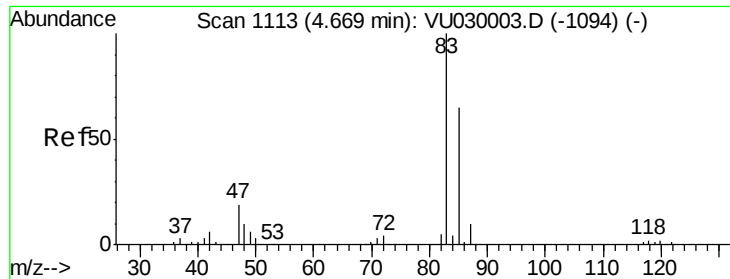


#26

Bromochloromethane
Concen: 1.895 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
128	100		
49	135.9	0.0	270.4
130	126.6	102.6	153.8





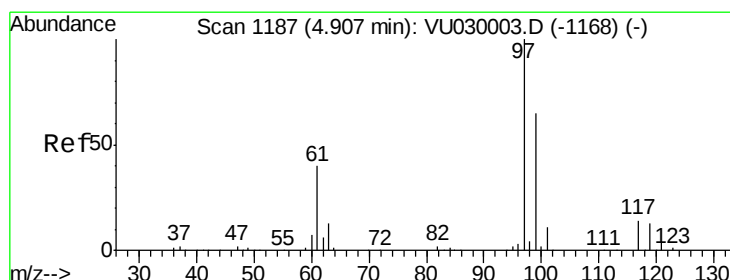
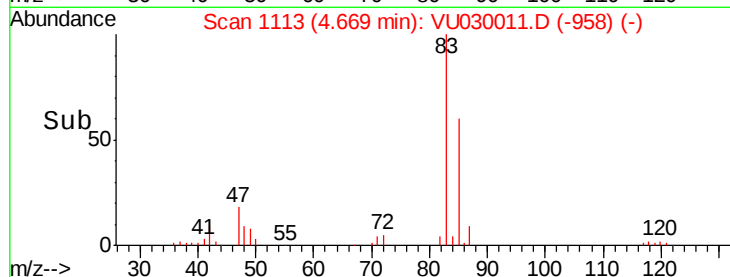
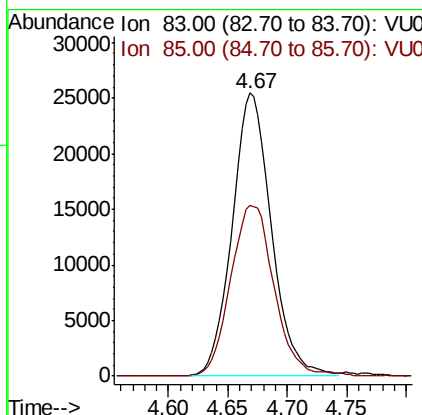
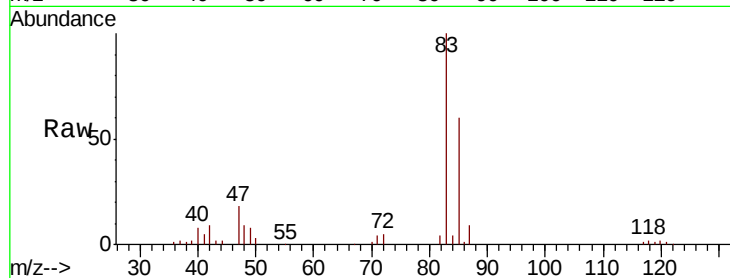
#27
Chloroform
Concen: 1.845 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	58212		
85	60.1	0.0	129.0	

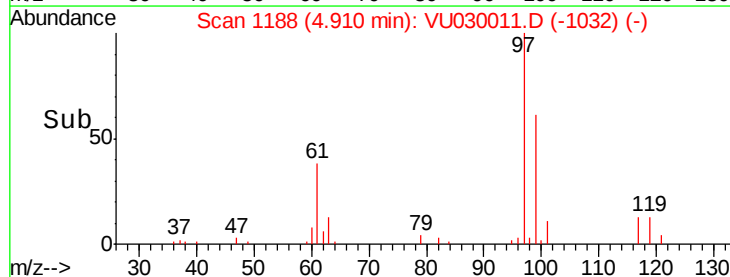
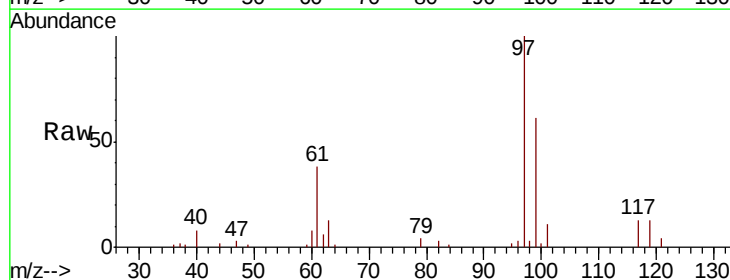
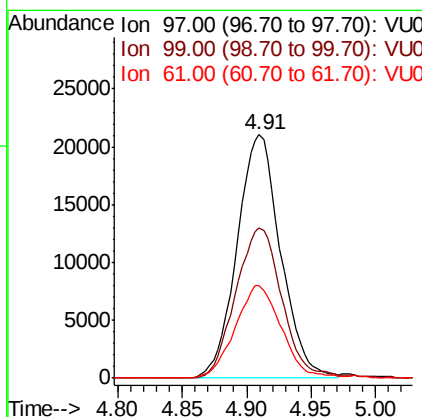
Manual Integrations
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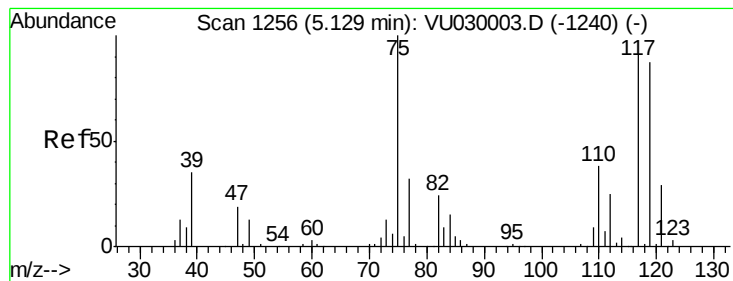
MMDadoda
3/13/2019 12:56:27 PM



#28
1,1,1-Trichloroethane
Concen: 1.904 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	49446		
99	65.2	32.4	97.0	
61	40.3	20.4	61.2	





#29

1,1-Dichloropropene

Concen: 1.812 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 75 Resp: 42838

Ion Ratio Lower Upper

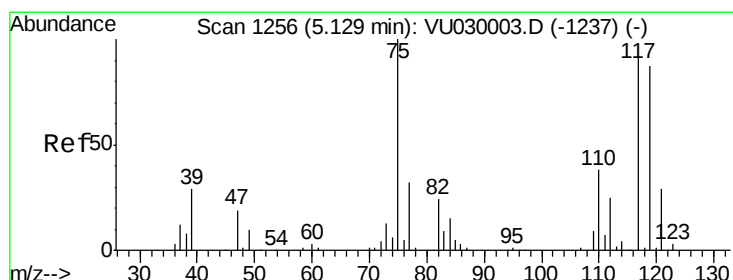
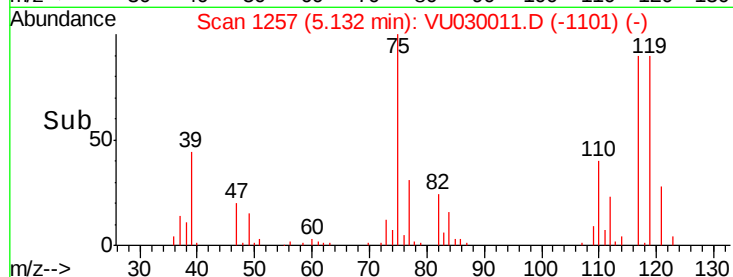
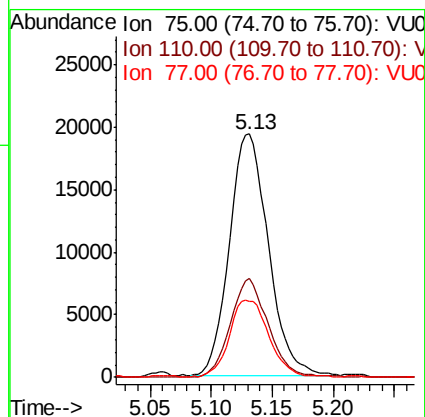
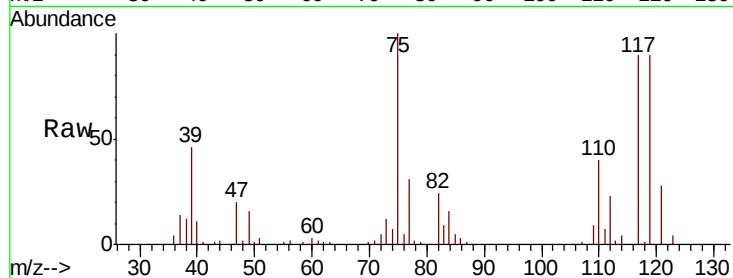
75 100

110 39.6 19.1 57.3

77 32.8 25.2 37.8

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#30

Carbon Tetrachloride

Concen: 1.789 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

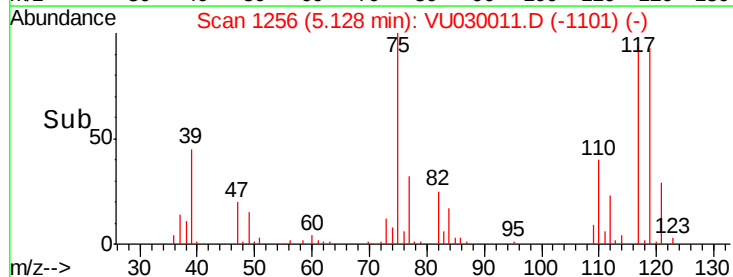
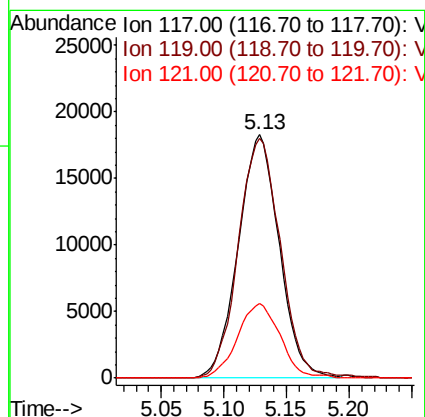
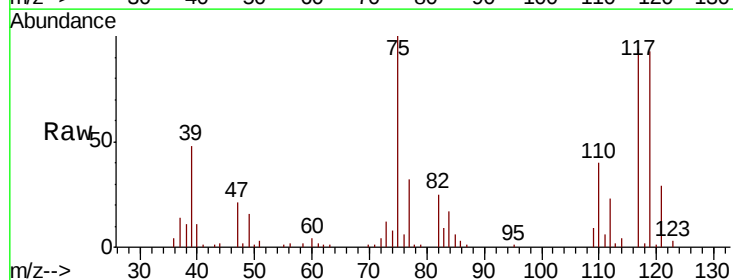
Tgt Ion: 117 Resp: 41529

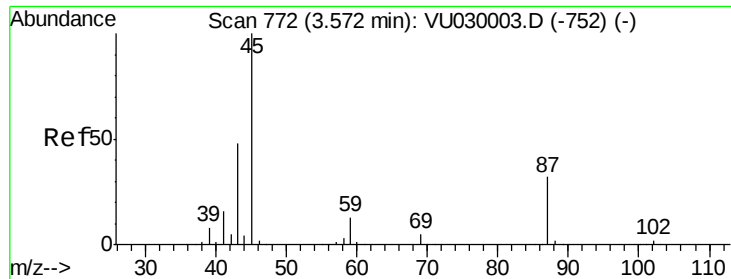
Ion Ratio Lower Upper

117 100

119 98.4 76.3 114.5

121 30.7 25.1 37.7





#31

Isopropyl Ether

Concen: 1.861 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 45 Resp: 78559

Ion Ratio Lower Upper

45 100

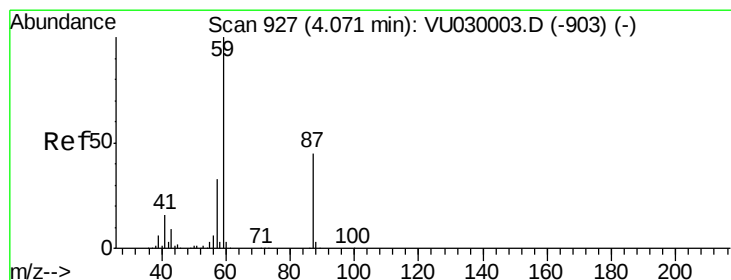
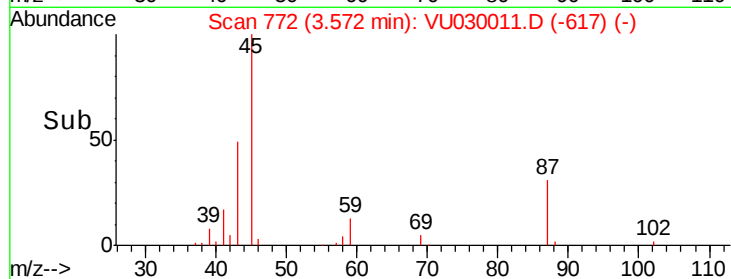
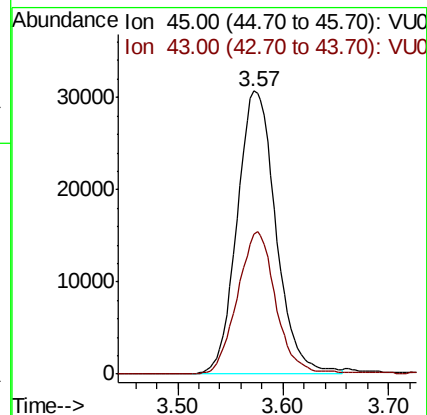
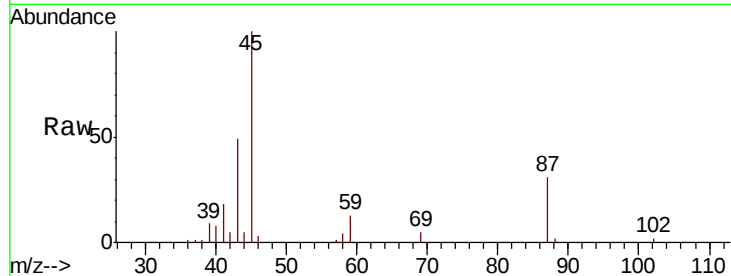
43 50.3 24.5 73.5

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 1.872 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU030011.D

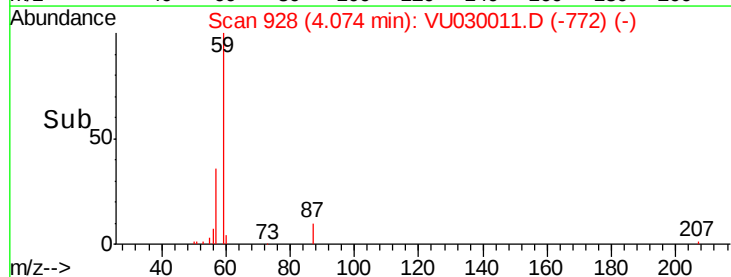
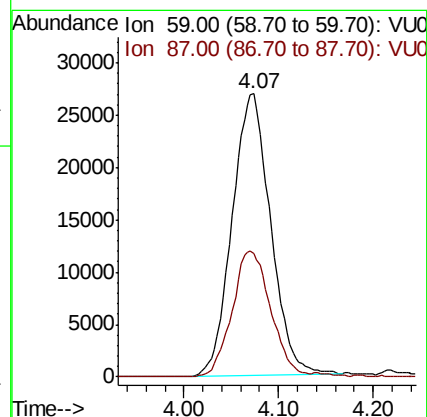
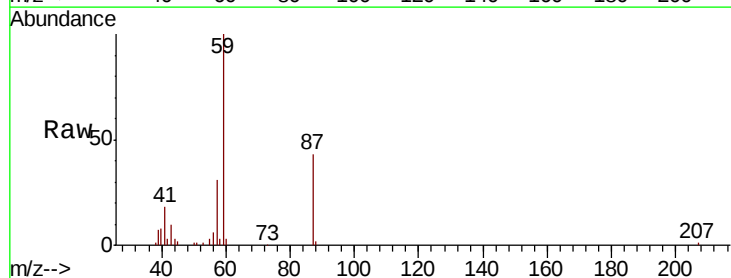
Acq: 12 Mar 2019 17:13

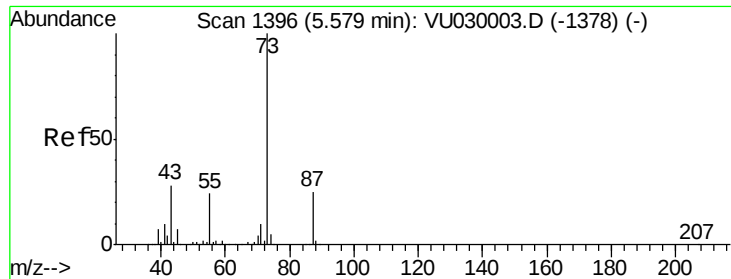
Tgt Ion: 59 Resp: 76107

Ion Ratio Lower Upper

59 100

87 43.4 36.2 54.4





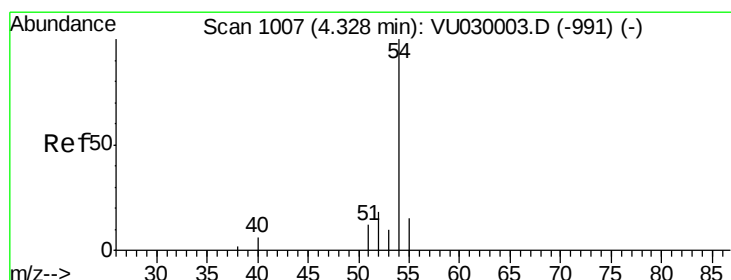
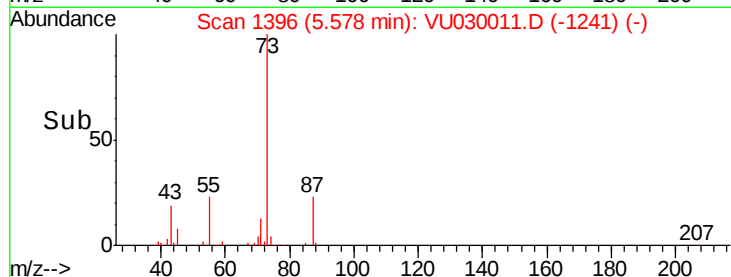
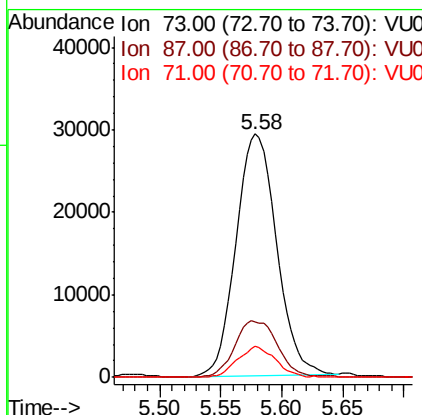
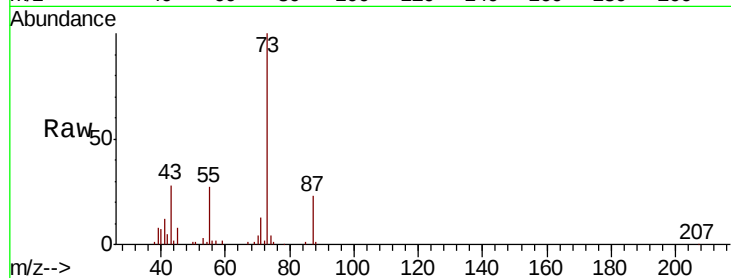
#33
Tert-Amyl methyl ether
Concen: 1.814 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.9	19.7	29.5
71	12.0	8.6	13.0

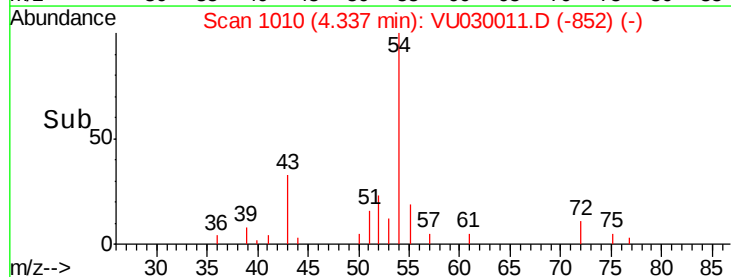
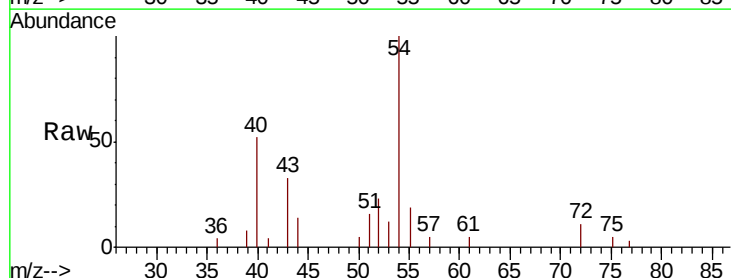
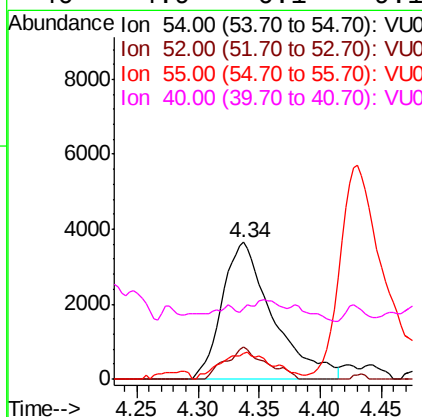
Manual Integrations
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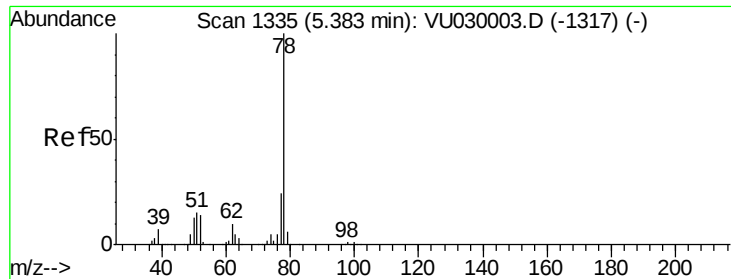
MMDadoda
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#34
Propionitrile
Concen: 9.434 ug/l
RT: 4.34 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.4	15.8	23.6
55	20.0	12.5	18.7#
40	4.9	6.1	9.1#





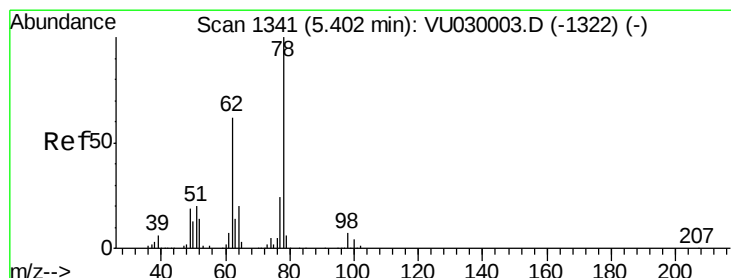
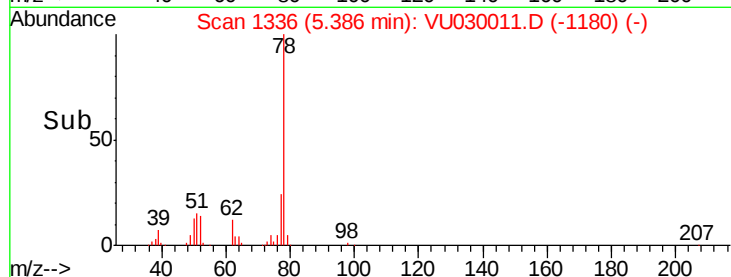
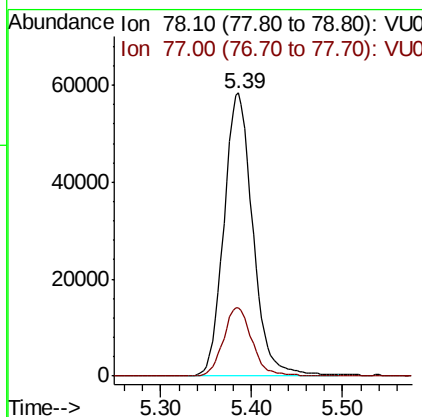
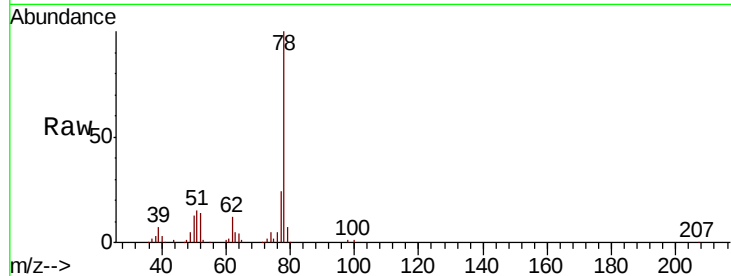
#35
Benzene
Concen: 1.869 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 78 Resp: 129220
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3

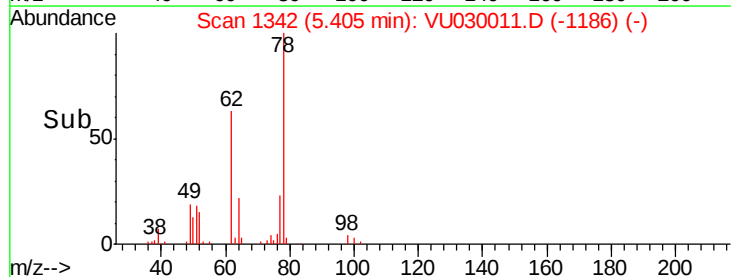
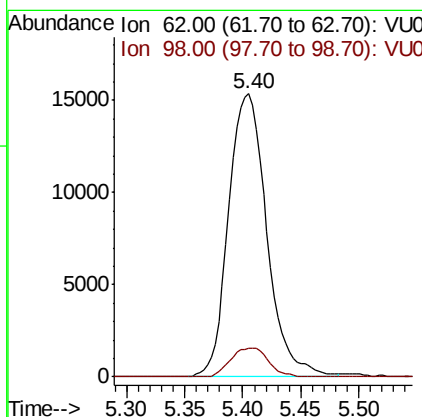
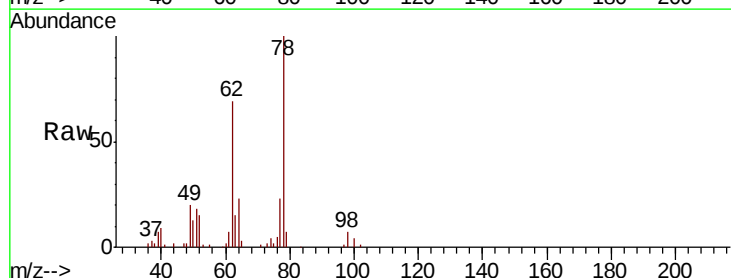
Manual Integrations
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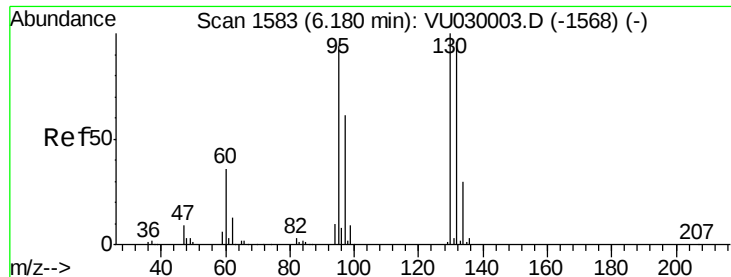
MMDadoda
3/13/2019 12:56:27 PM



#36
1,2-Dichloroethane
Concen: 1.900 ug/l
RT: 5.40 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 62 Resp: 35140
Ion Ratio Lower Upper
62 100
98 10.1 8.4 12.6





#37

Trichloroethene

Concen: 1.848 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion:130 Resp: 36816

Ion Ratio Lower Upper

130 100

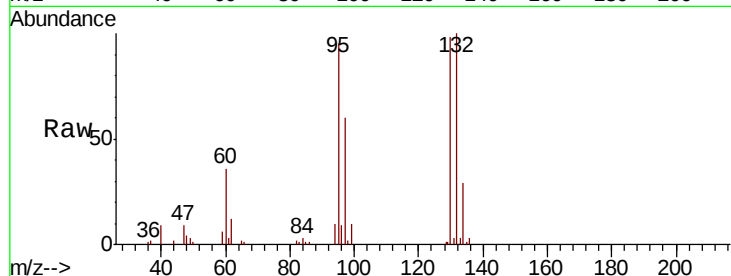
95 97.6 75.2 112.8

Manual Integrations

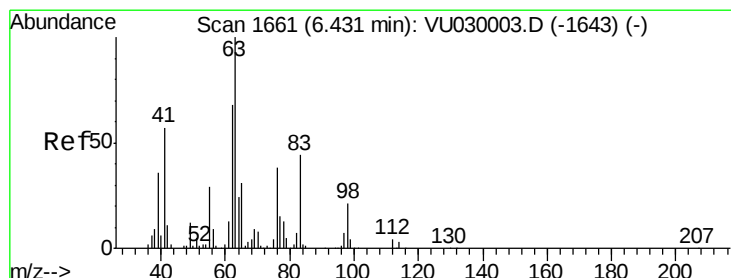
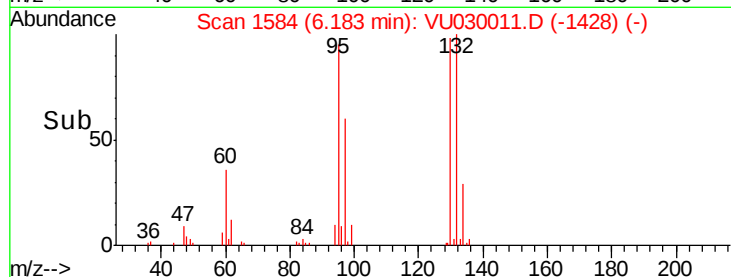
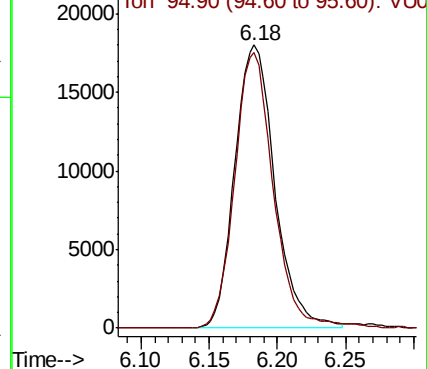
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Abundance Ion 129.90 (129.60 to 130.60): VU030003.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 1.876 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VU030011.D

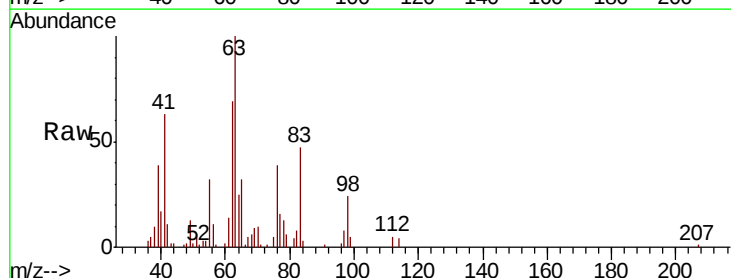
Acq: 12 Mar 2019 17:13

Tgt Ion: 63 Resp: 32974

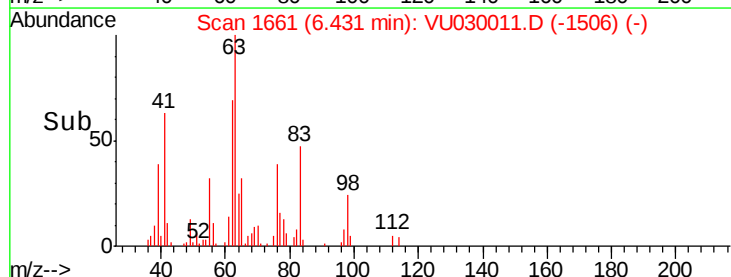
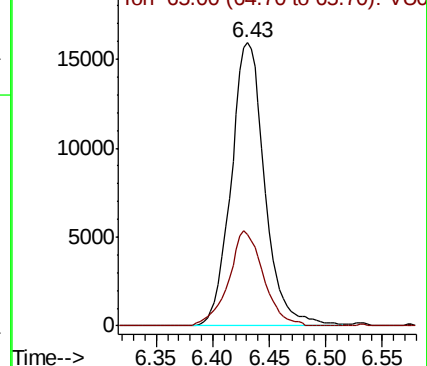
Ion Ratio Lower Upper

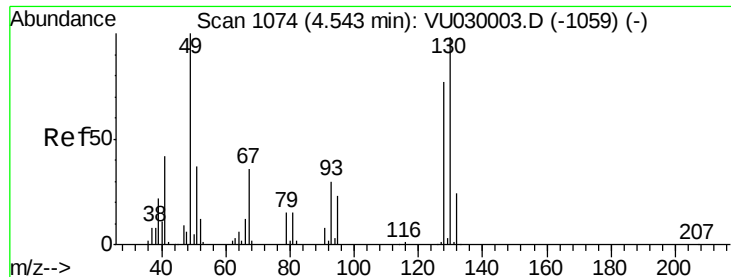
63 100

65 32.4 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU030003.D (-1643) (-)





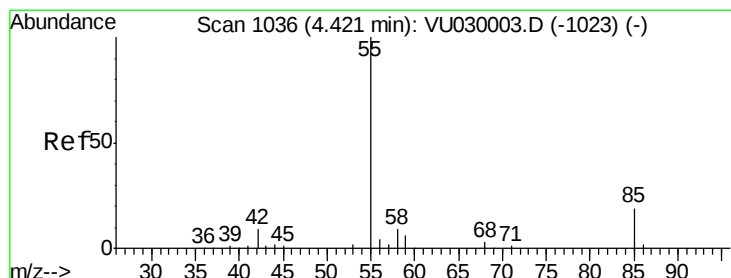
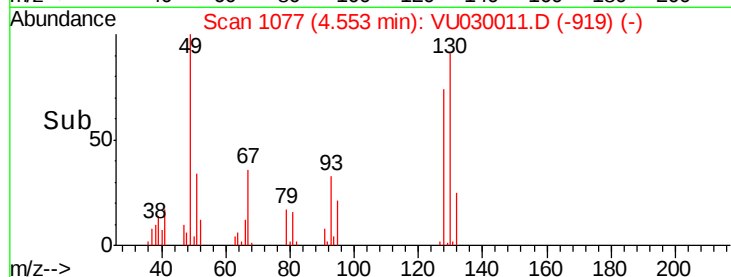
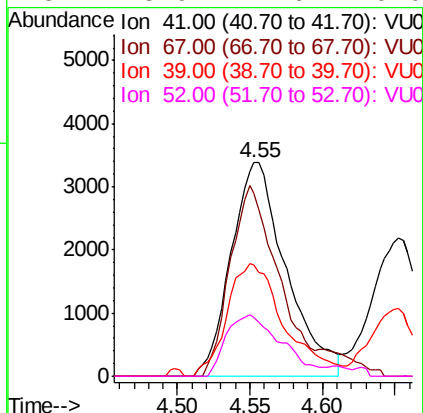
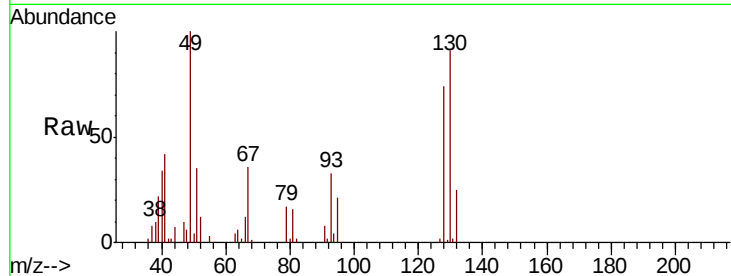
#39
Methacrylonitrile
Concen: 1.827 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
67	85.7	71.4	107.0
39	55.0	41.9	62.9
52	28.9	12.6	19.0

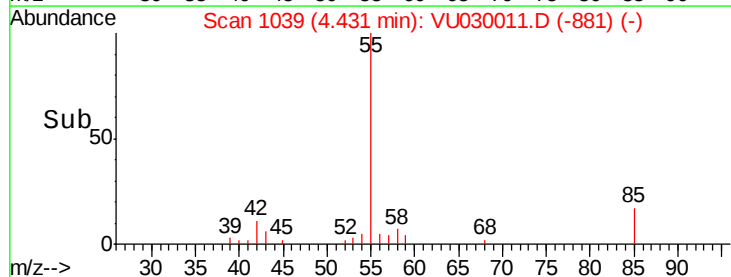
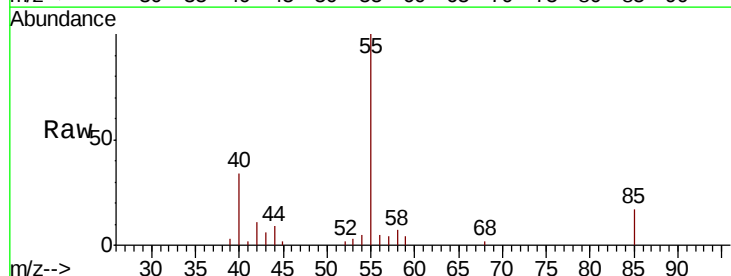
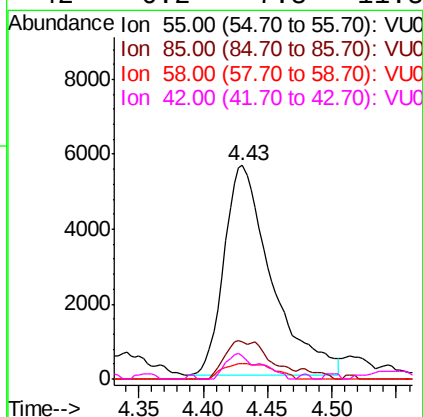
Manual Integrations
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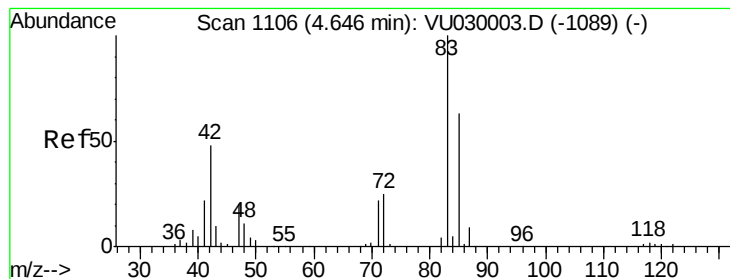
MMDadoda
3/13/2019 12:56:27 PM



#40
Methyl acrylate
Concen: 1.854 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
55	100		
85	17.1	16.2	24.2
58	7.7	7.0	10.6
42	6.2	7.8	11.8





#41

Tetrahydrofuran

Concen: 3.482 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

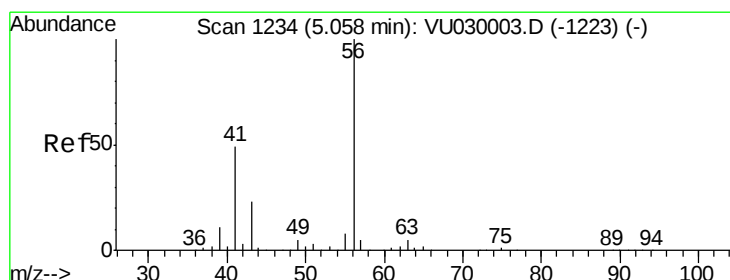
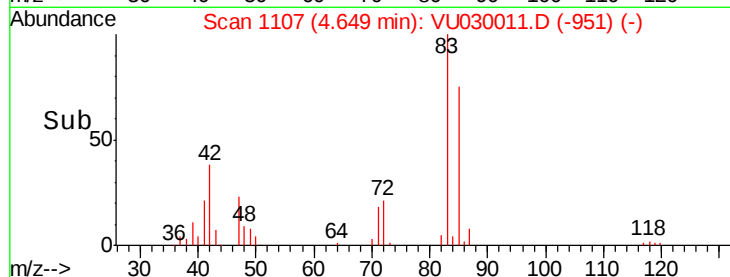
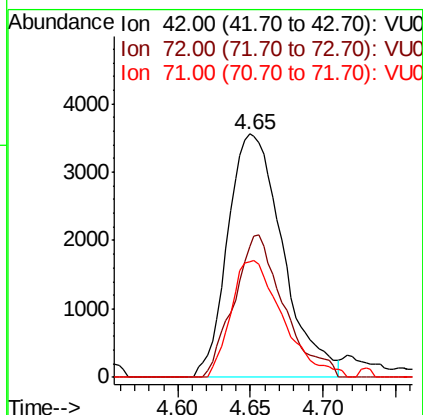
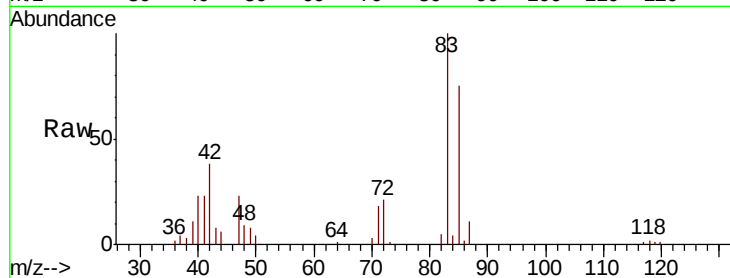
ClientSampleId :

VU0314WBS01

Tgt Ion:	42	Resp:	9390
Ion	Ratio	Lower	Upper
42	100		
72	53.0	44.9	67.3
71	45.0	37.8	56.8

Manual Integrations
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3/13/2019 12:56:27 PM



#42

1-Chlorobutane

Concen: 1.890 ug/l

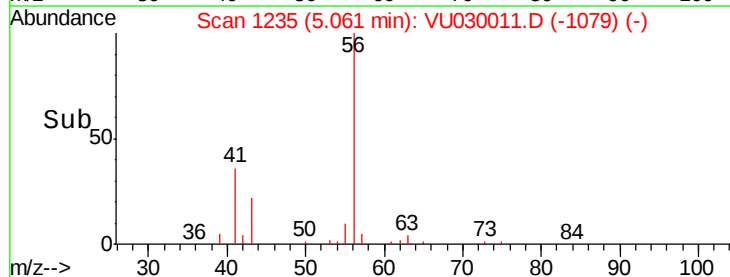
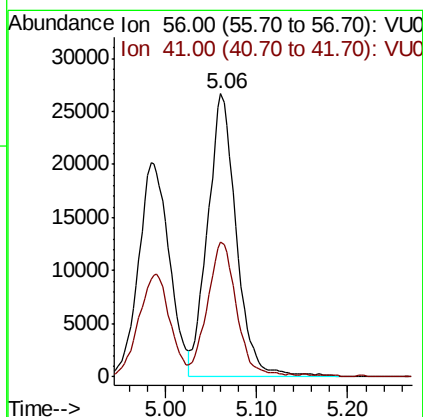
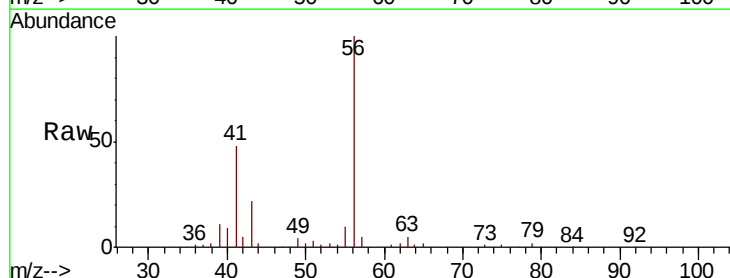
RT: 5.06 min Scan# 1235

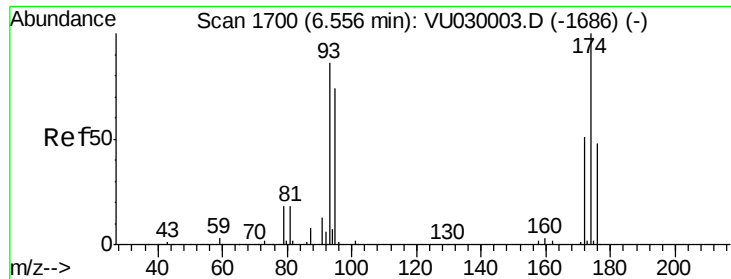
Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Tgt Ion:	56	Resp:	58500
Ion	Ratio	Lower	Upper
56	100		
41	46.7	24.7	74.1





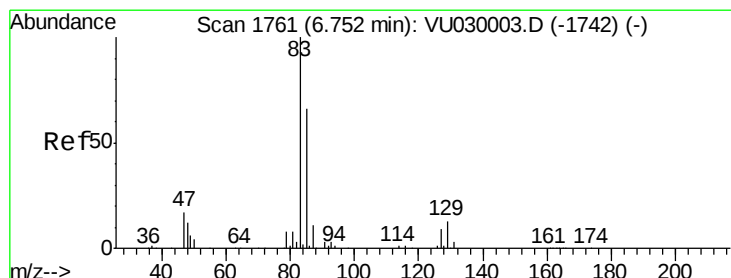
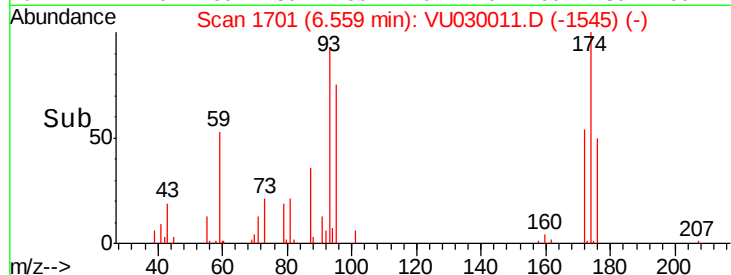
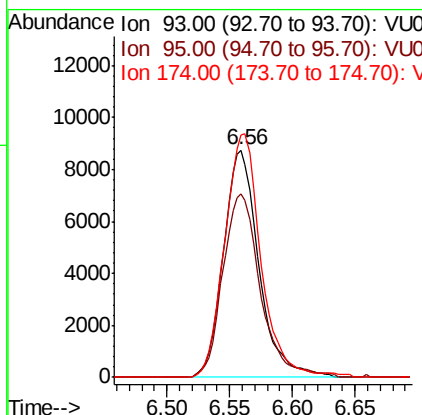
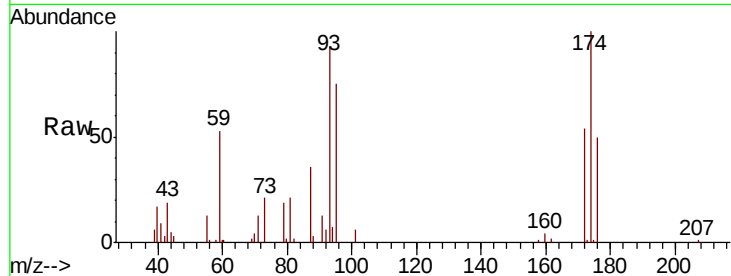
#43
Dibromomethane
Concen: 1.881 ug/l
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 93 Resp: 17105
Ion Ratio Lower Upper
93 100
95 85.5 68.6 102.8
174 109.4 91.8 137.8

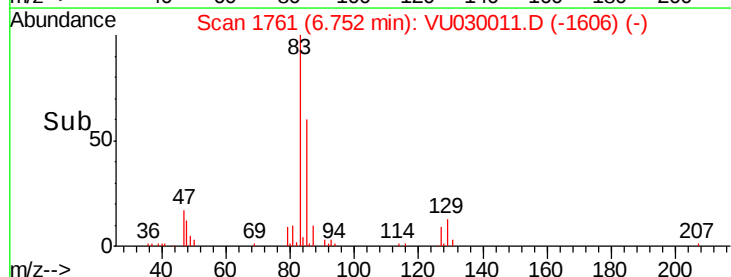
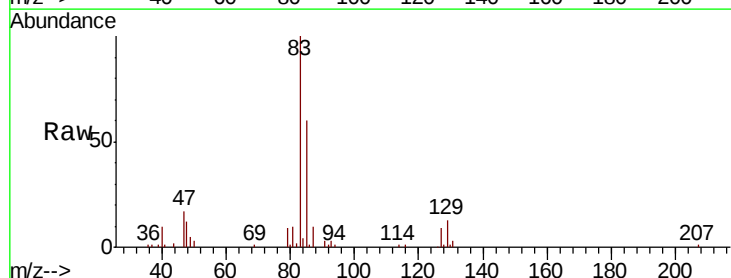
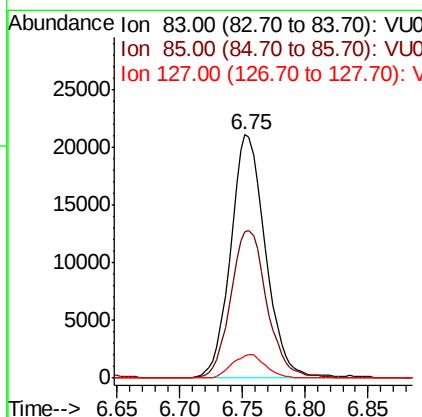
Manual Integrations
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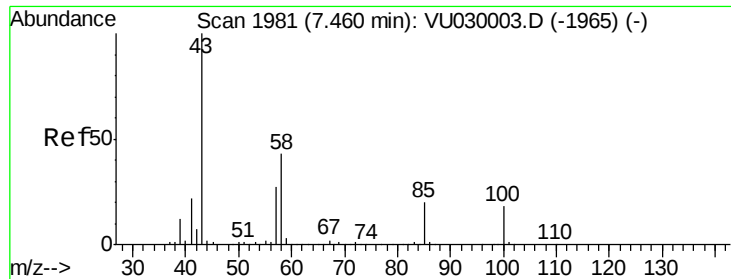
MMDadoda
3/13/2019 12:56:27 PM



#44
Bromodichloromethane
Concen: 1.879 ug/l
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 83 Resp: 40772
Ion Ratio Lower Upper
83 100
85 60.1 53.2 79.8
127 9.0 7.4 11.0





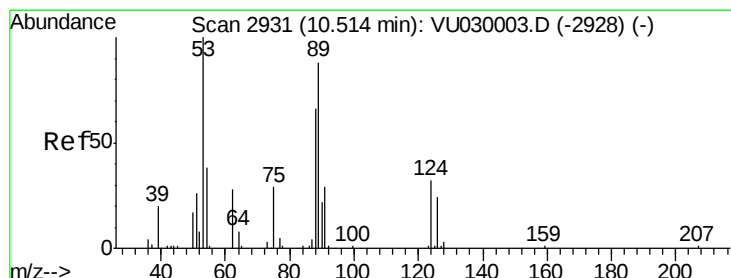
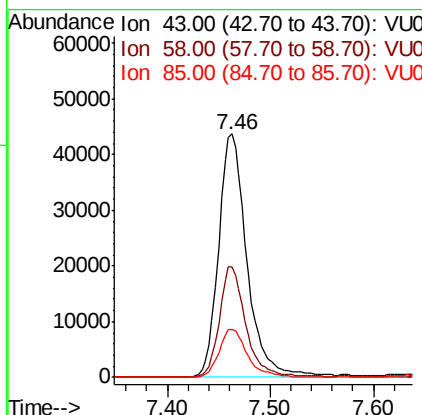
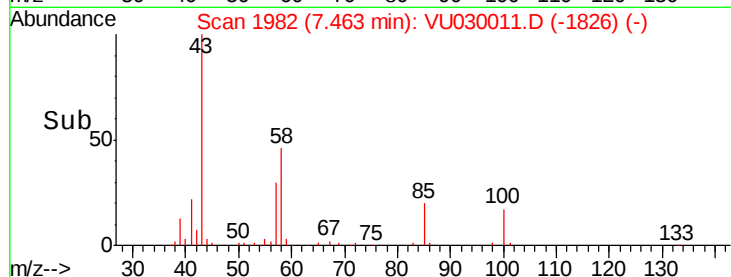
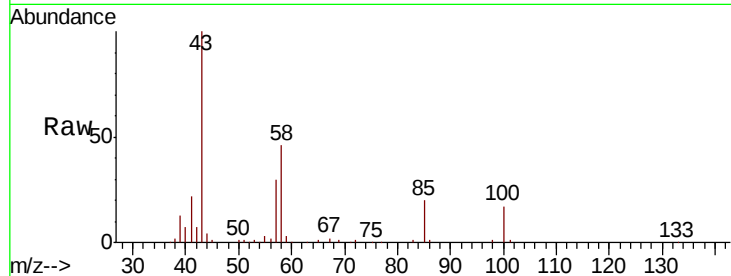
#45
4-Methyl-2-Pentanone
Concen: 9.340 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.4	21.6	64.6
85	19.7	16.3	24.5

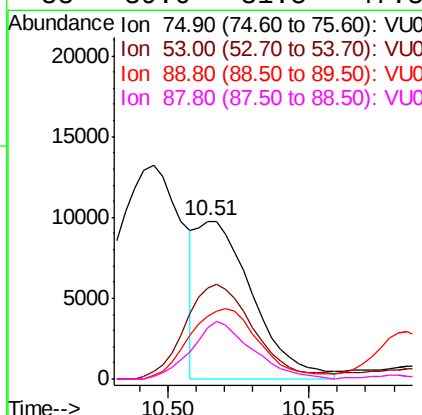
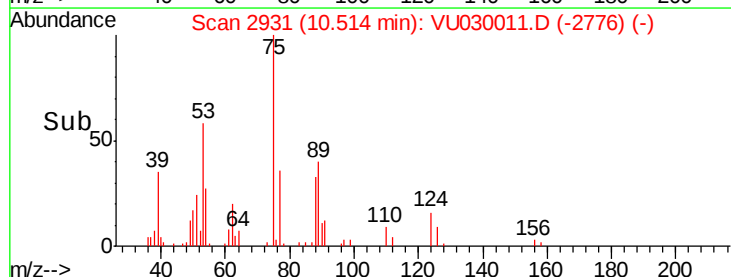
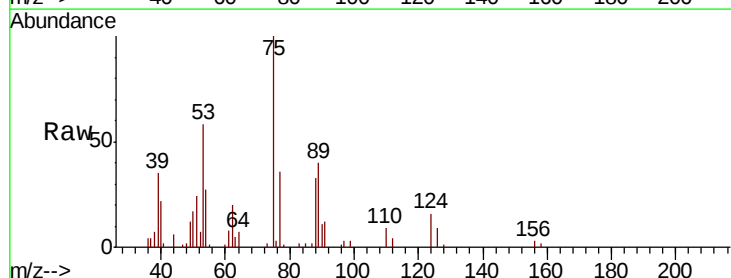
Manual Integrations
APPROVED

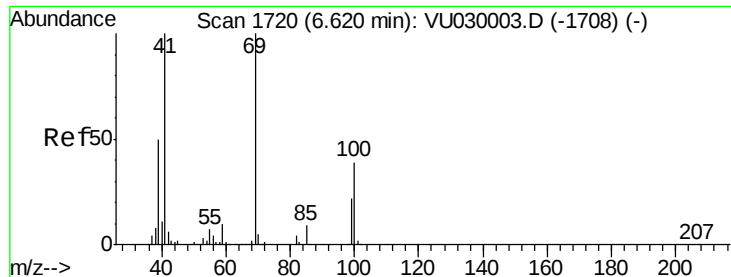
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#46
t-1,4-Dichloro-2-butene
Concen: 4.157 ug/l m
RT: 10.51 min Scan# 2931
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.0	57.0	85.6
89	56.5	43.6	65.4
88	39.6	31.5	47.3





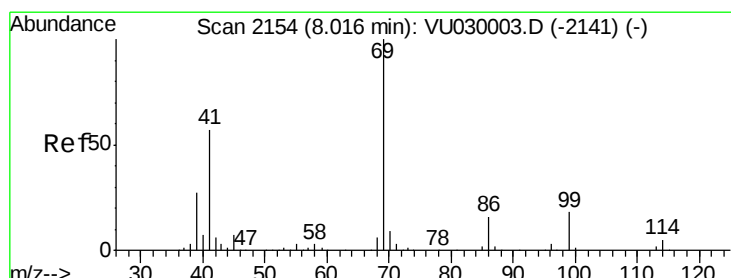
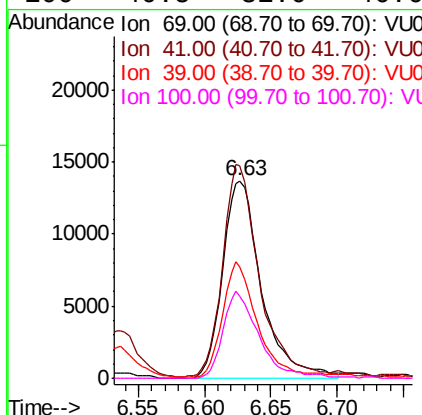
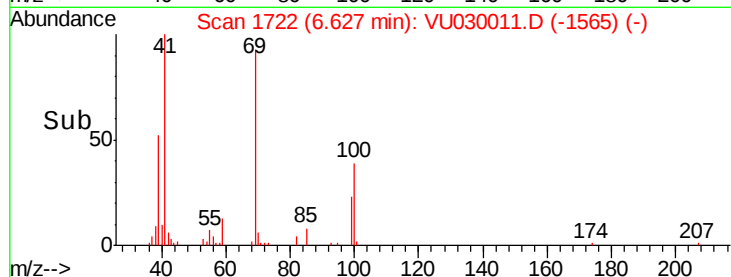
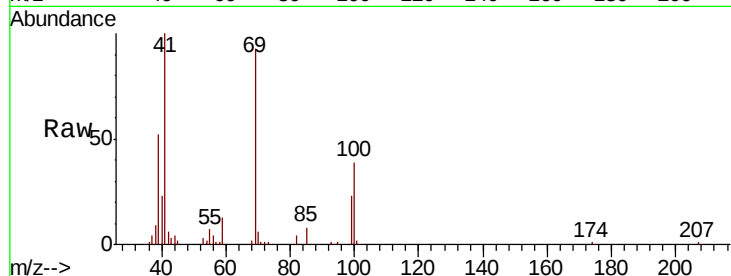
#47
Methyl methacrylate
Concen: 3.659 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	100.7	0.0	197.8
39	50.3	40.2	60.4
100	40.5	31.0	46.6

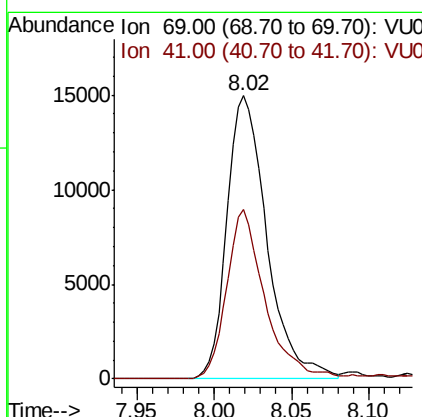
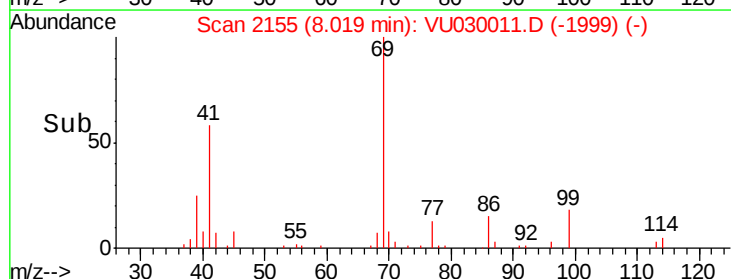
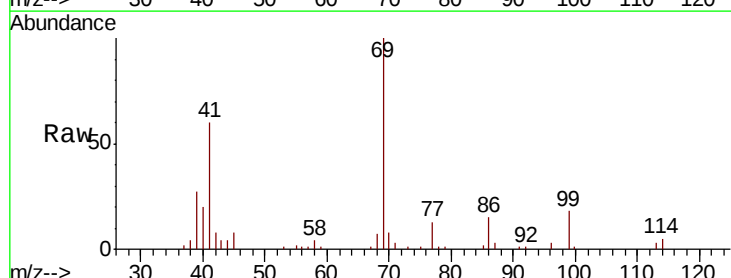
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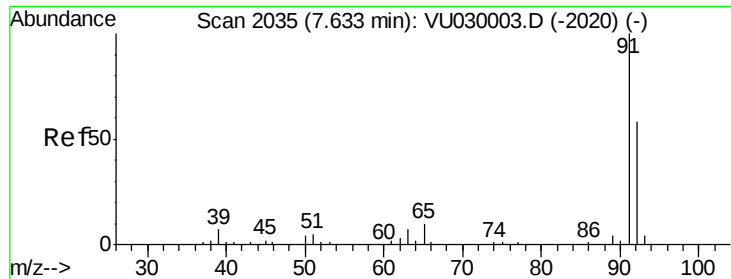
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#48
Ethyl methacrylate
Concen: 1.867 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.2	28.1	84.4





#49

Toluene

Concen: 1.841 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 92 Resp: 76725

Ion Ratio Lower Upper

92 100

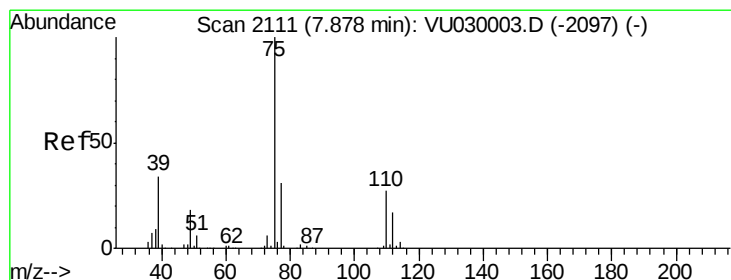
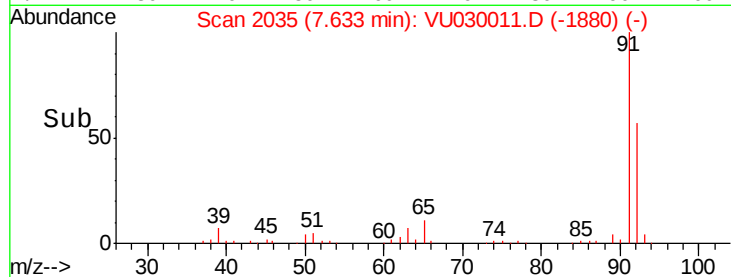
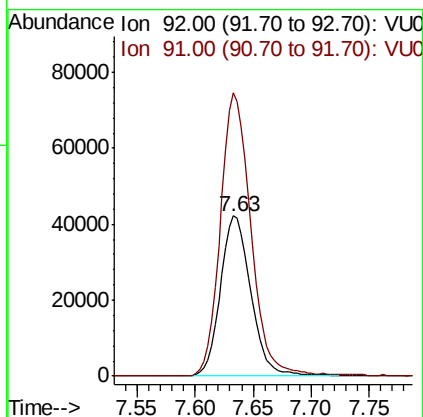
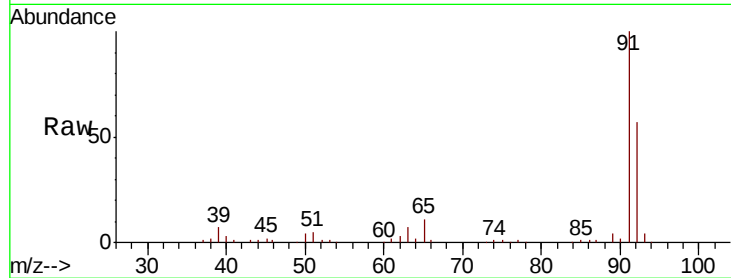
91 177.1 140.1 210.1

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.838 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU030011.D

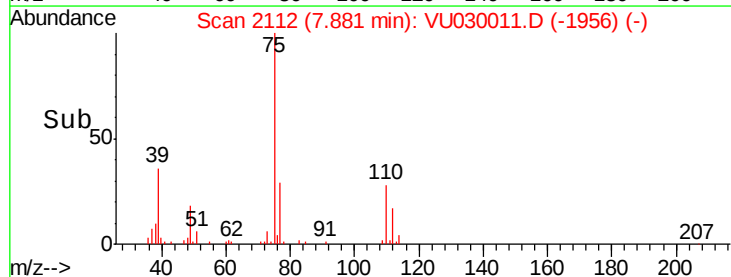
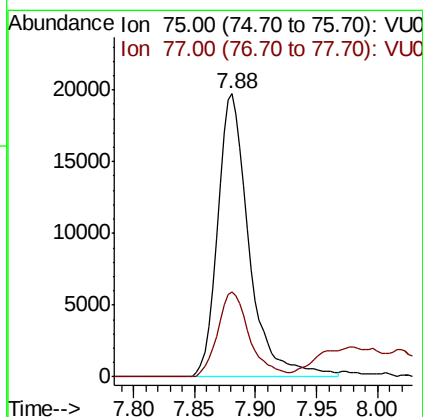
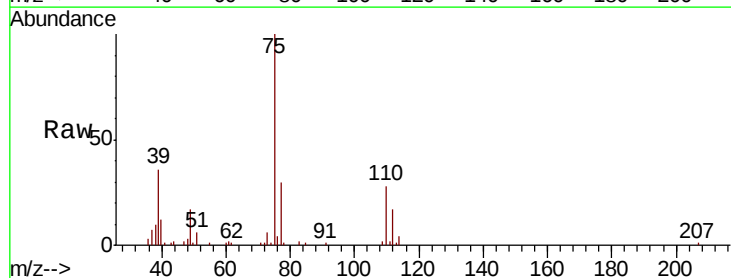
Acq: 12 Mar 2019 17:13

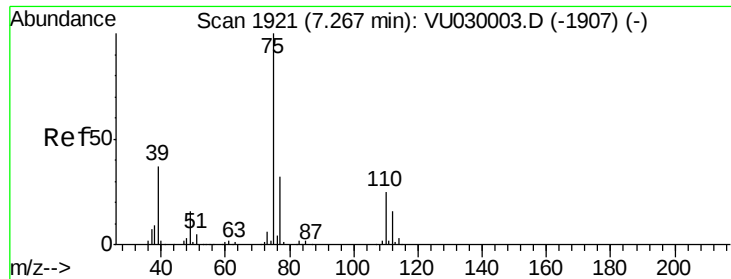
Tgt Ion: 75 Resp: 35712

Ion Ratio Lower Upper

75 100

77 29.8 25.1 37.7





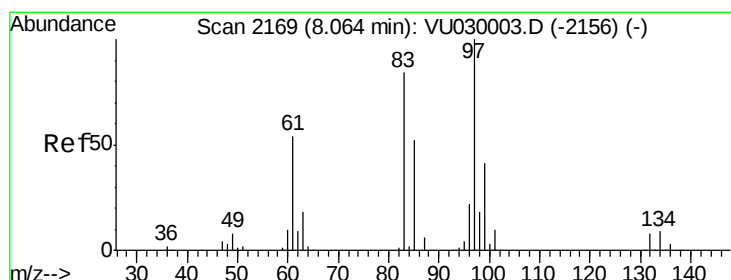
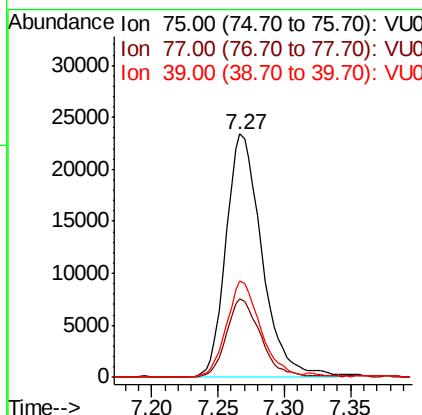
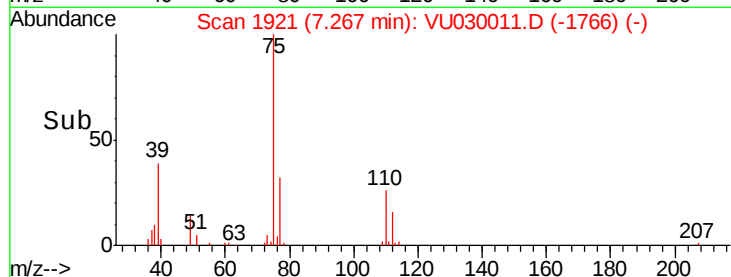
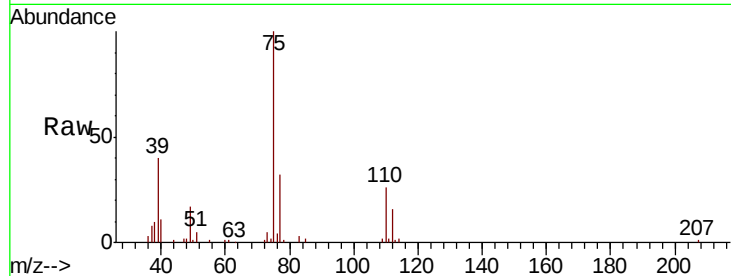
#51
 cis-1,3-Dichloropropene
 Concen: 1.812 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.0	39.0
39	39.6	29.5	44.3

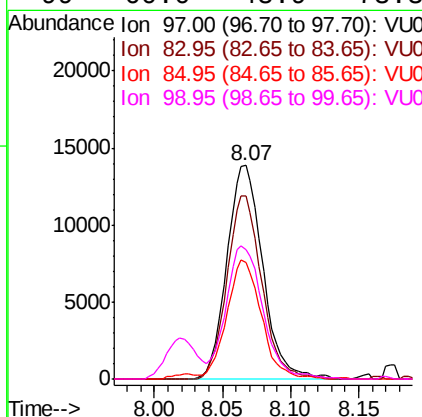
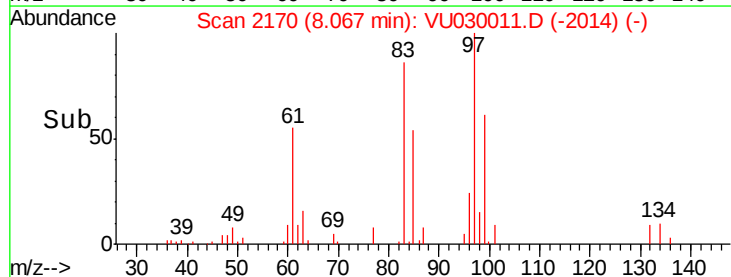
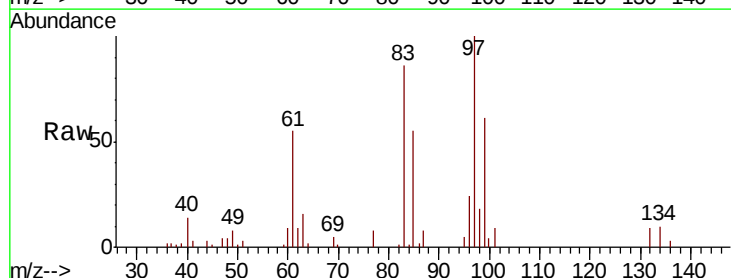
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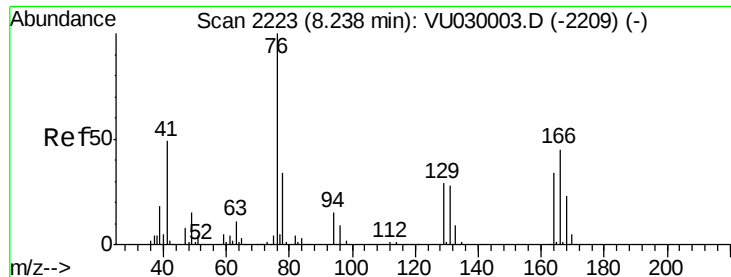
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#52
 1,1,2-Trichloroethane
 Concen: 1.969 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.0
85	53.9	42.6	64.0
99	60.0	48.9	73.3





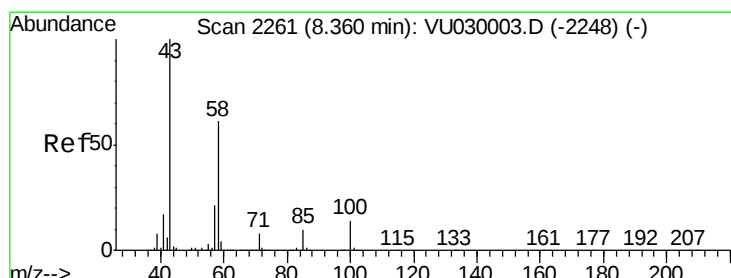
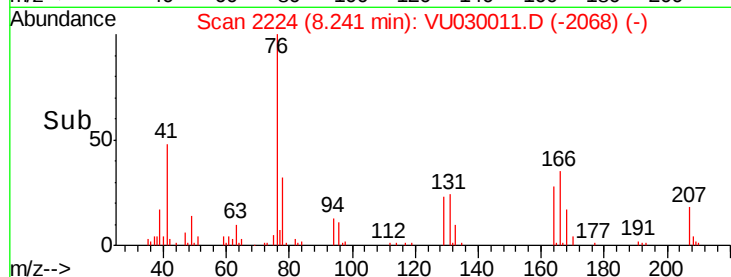
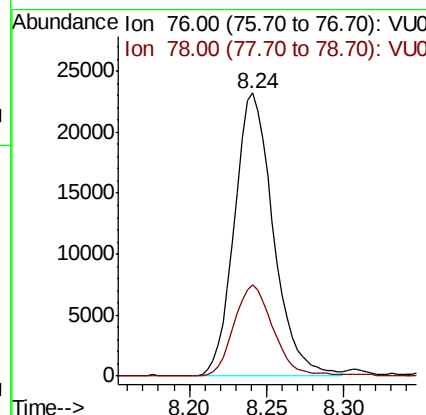
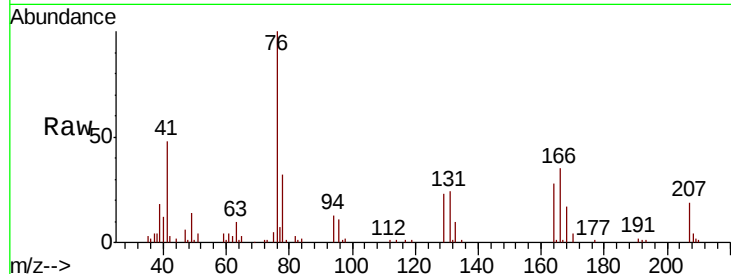
#53
 1,3-Dichloropropane
 Concen: 1.890 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampled :
 VU0314WBS01

Tgt Ion: 76 Resp: 40635
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6

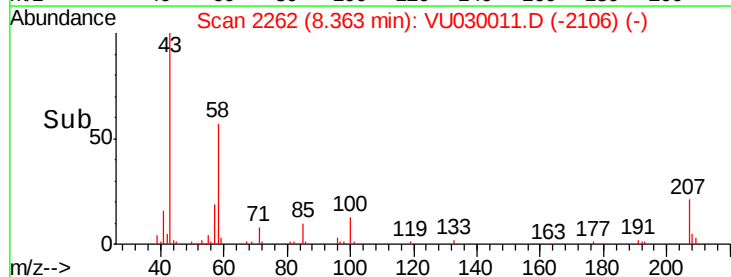
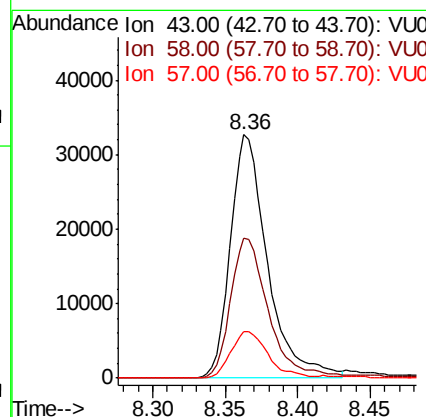
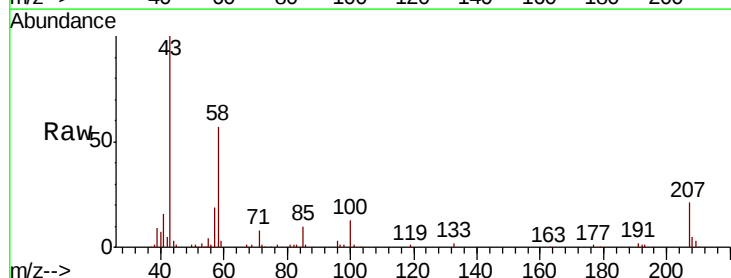
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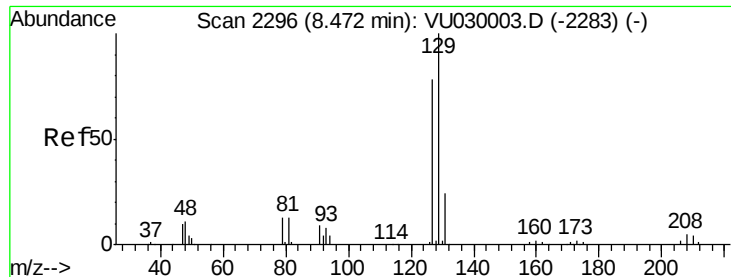
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#54
 2-Hexanone
 Concen: 8.980 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 43 Resp: 58140
 Ion Ratio Lower Upper
 43 100
 58 58.8 40.3 80.3
 57 19.2 0.6 40.6





#55

Dibromochloromethane

Concen: 1.873 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion:129 Resp: 28969

Ion Ratio Lower Upper

129 100

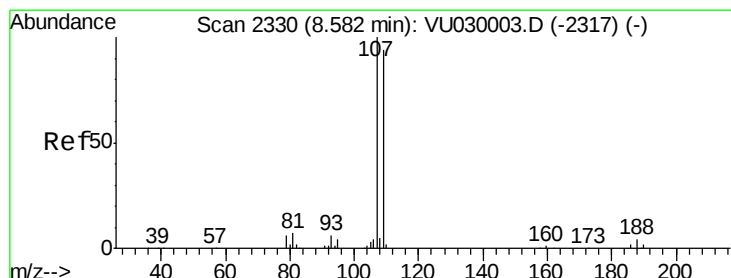
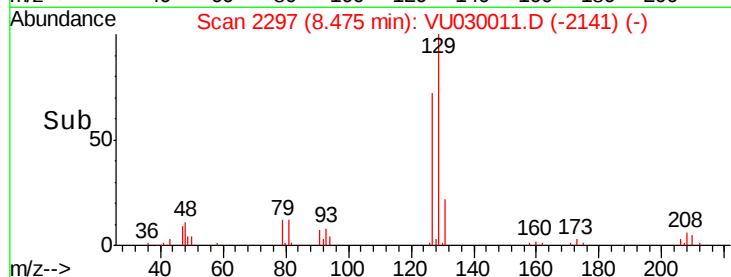
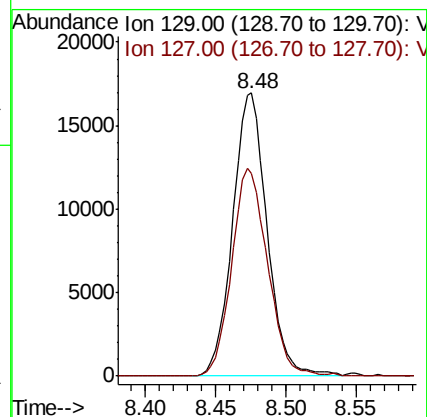
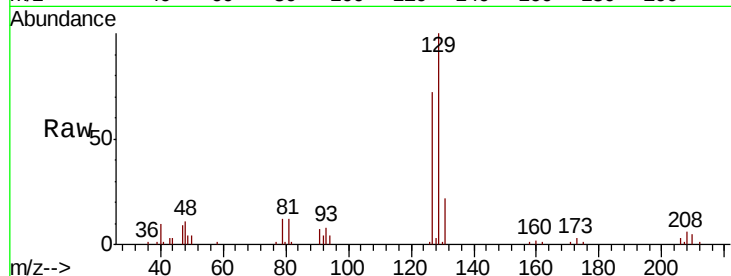
127 76.4 62.4 93.6

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#56

1,2-Dibromoethane

Concen: 1.826 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU030011.D

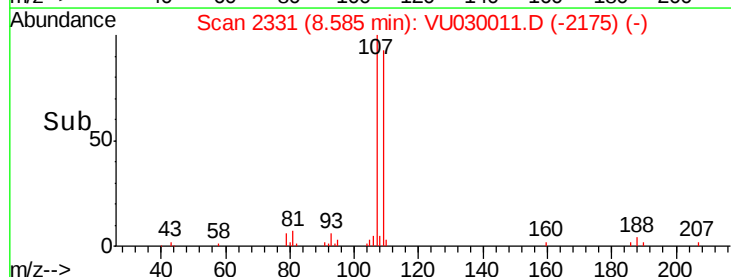
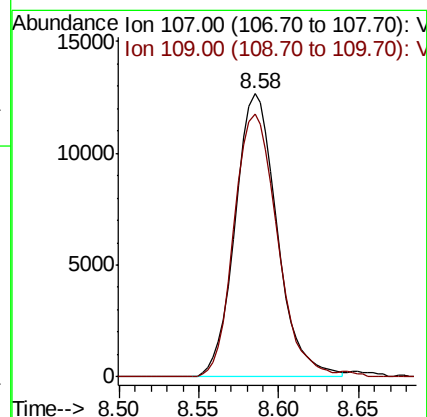
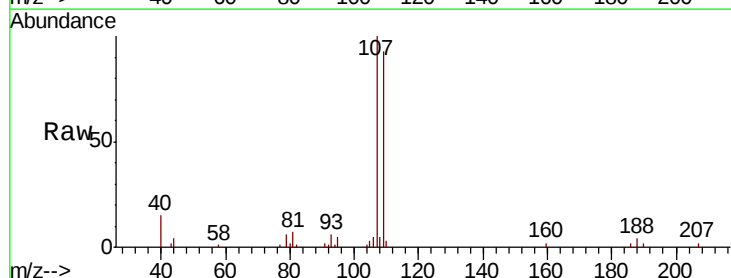
Acq: 12 Mar 2019 17:13

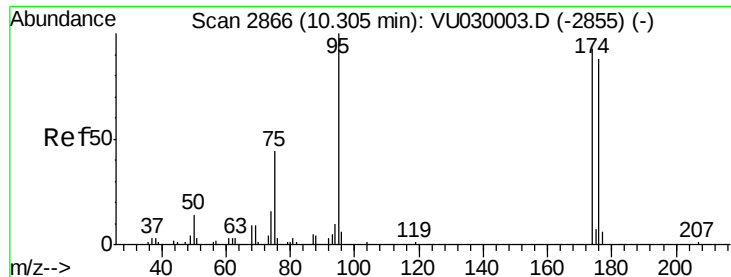
Tgt Ion:107 Resp: 22598

Ion Ratio Lower Upper

107 100

109 95.8 0.0 186.8





#57

4-Bromofluorobenzene

Concen: 1.826 ug/l

RT: 10.30 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

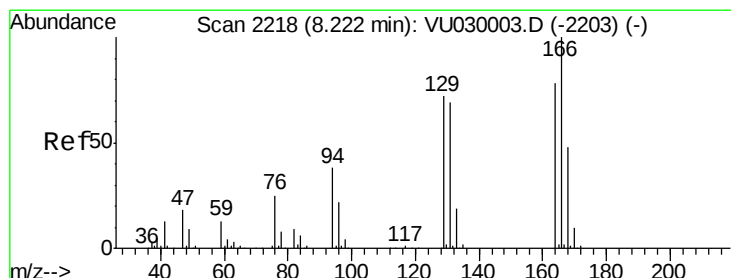
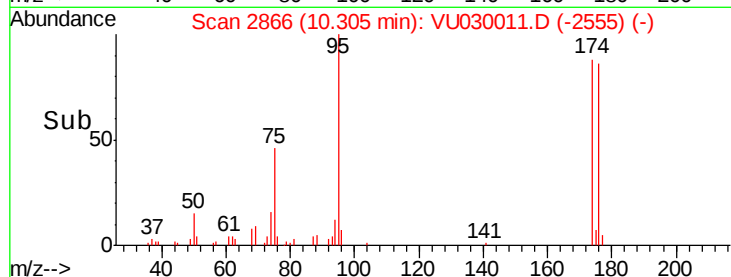
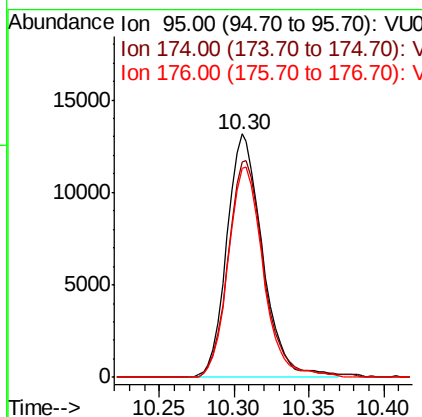
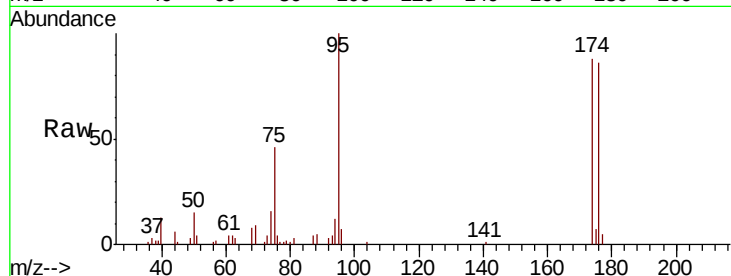
ClientSampleId :

VU0314WBS01

Tgt Ion:	95	Resp:	21815
Ion Ratio	Lower	Upper	
95	100		
174	89.9	78.1	117.1
176	85.2	70.8	106.2

Manual Integrations
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#58

Tetrachloroethene

Concen: 1.883 ug/l

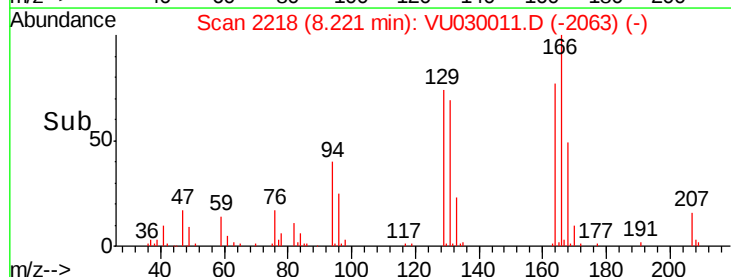
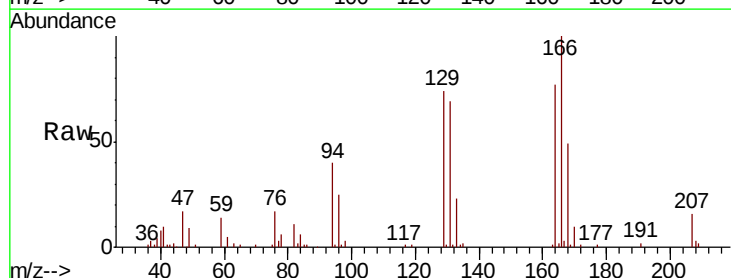
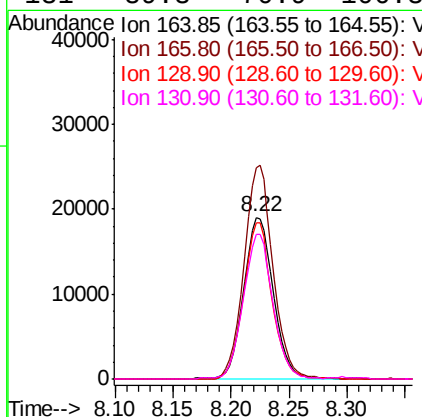
RT: 8.22 min Scan# 2218

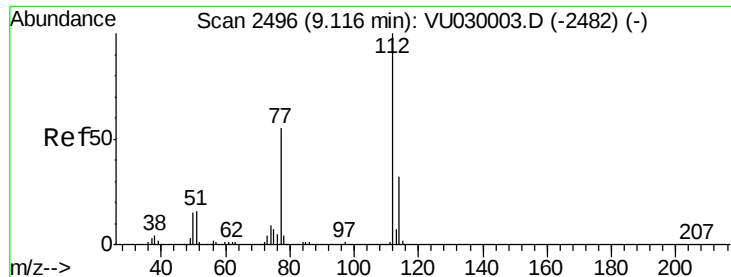
Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Tgt Ion:	164	Resp:	34062
Ion Ratio	Lower	Upper	
164	100		
166	130.1	103.2	154.8
129	96.3	74.5	111.7
131	89.3	70.9	106.3





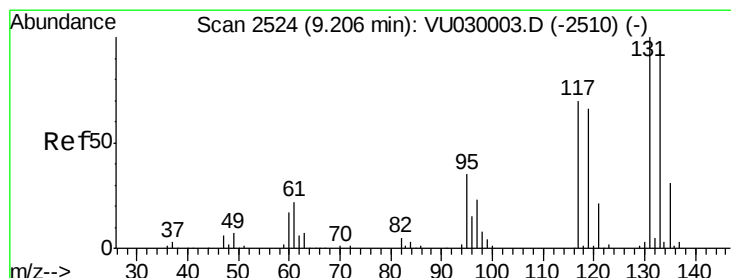
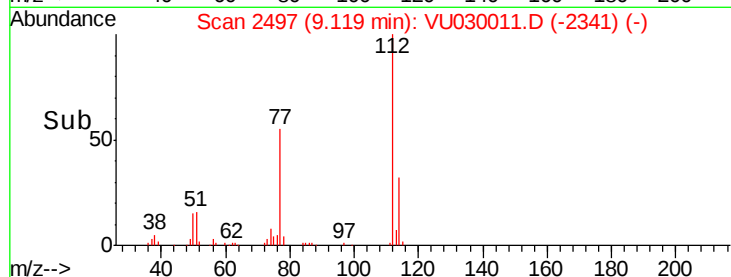
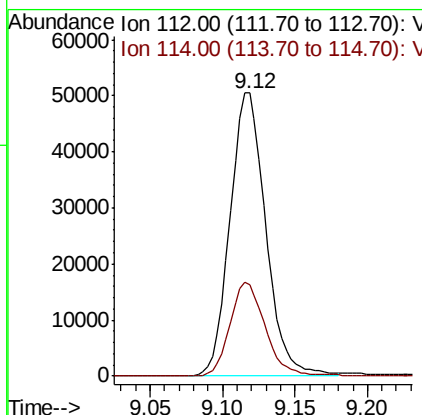
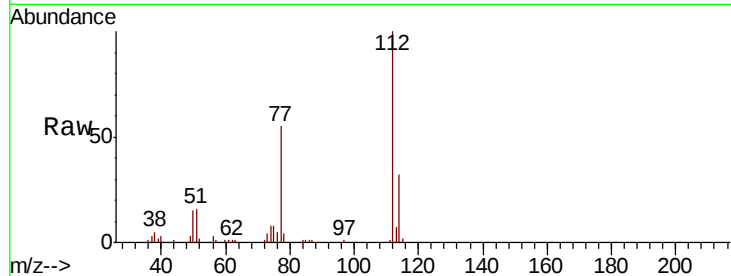
#59
Chlorobenzene
Concen: 1.825 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	86911		
114	32.3	25.6	38.4	

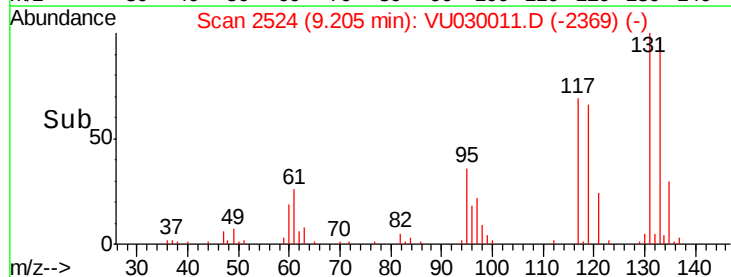
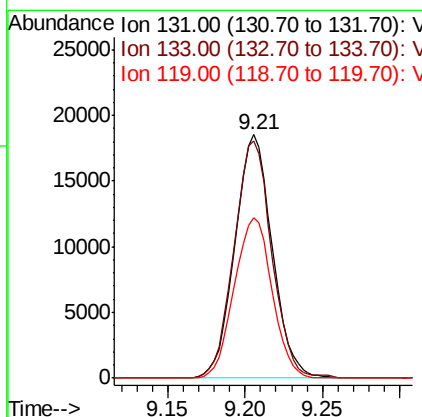
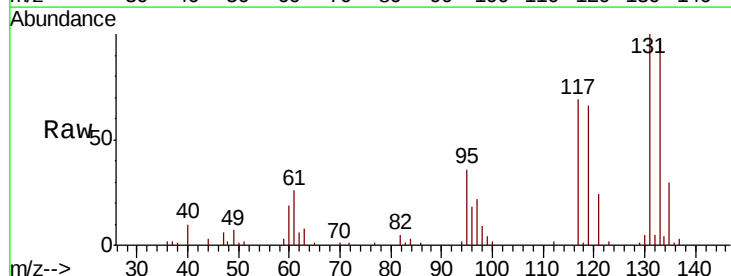
Manual Integrations
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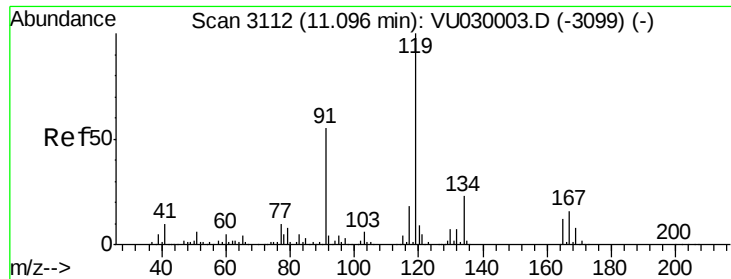
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.843 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	30989		
133	98.8	75.6	113.4	
119	66.7	53.3	79.9	





#61

Pentachloroethane

Concen: 1.828 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion:117 Resp: 23729

Ion Ratio Lower Upper

117 100

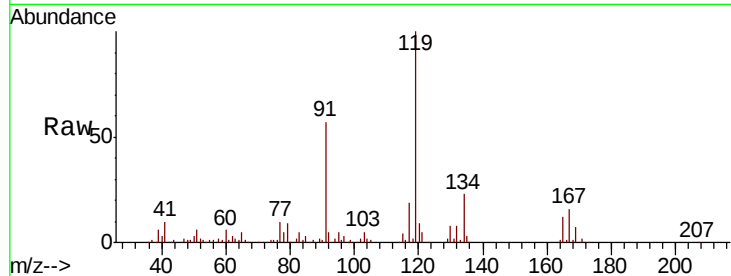
167 86.8 73.1 109.7

Manual Integrations

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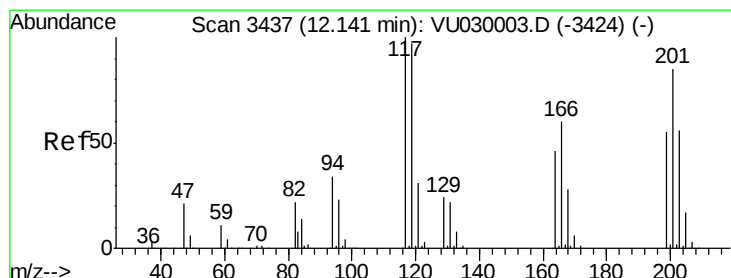
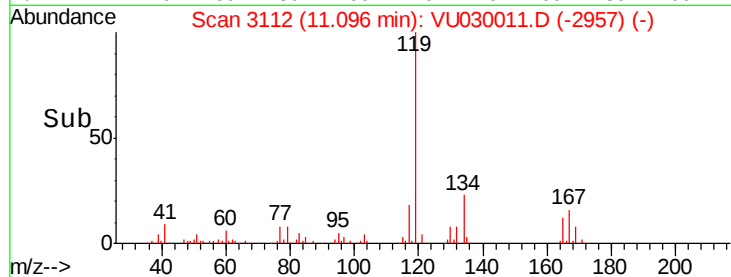
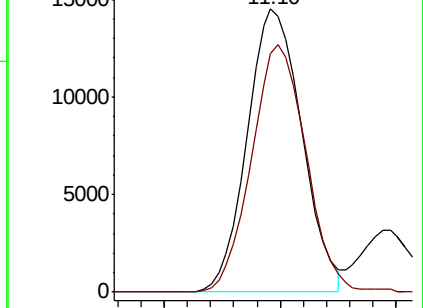
MMDadoda

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.806 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU030011.D

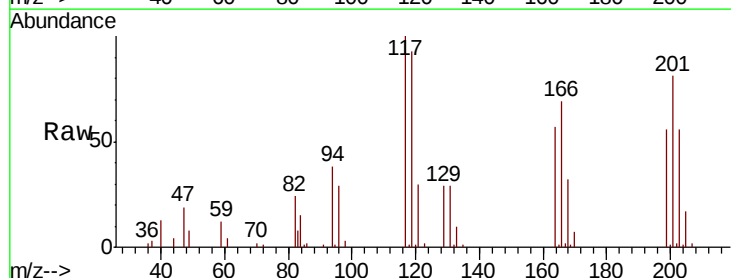
Acq: 12 Mar 2019 17:13

Tgt Ion:117 Resp: 23613

Ion Ratio Lower Upper

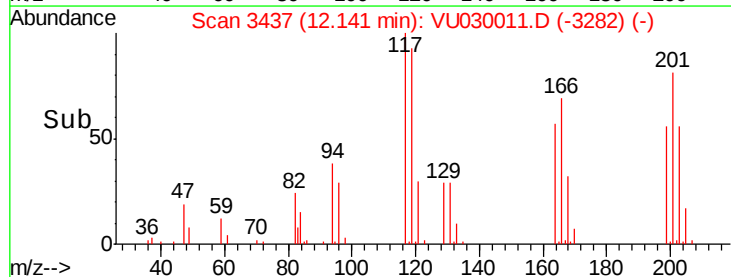
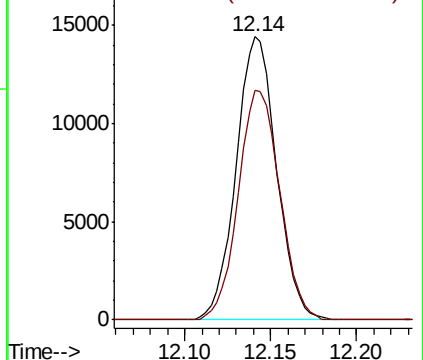
117 100

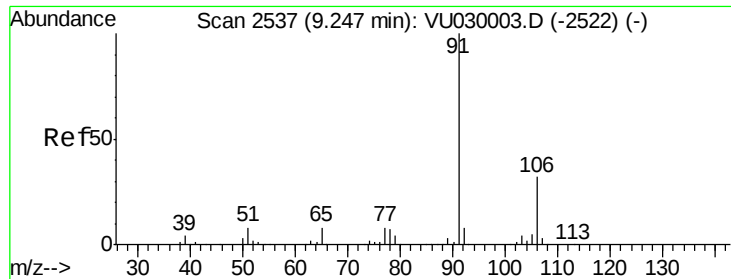
201 83.1 69.5 104.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





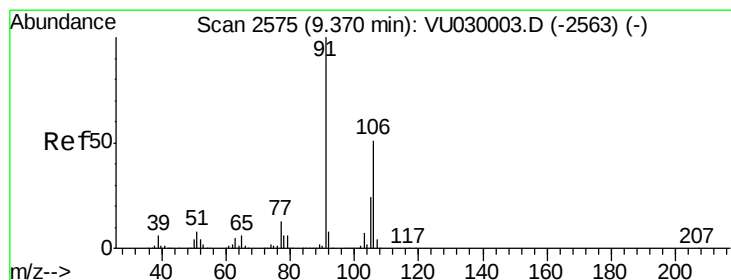
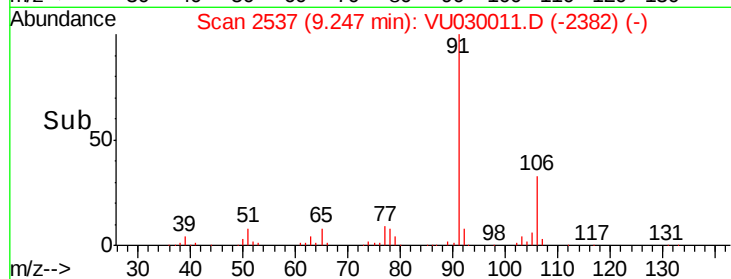
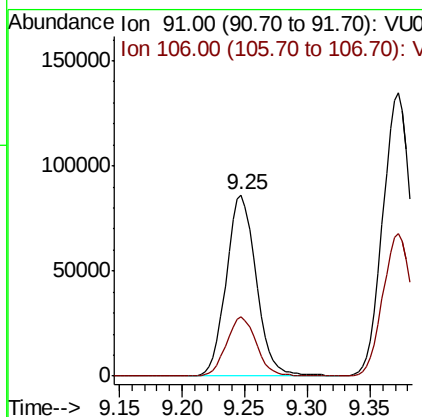
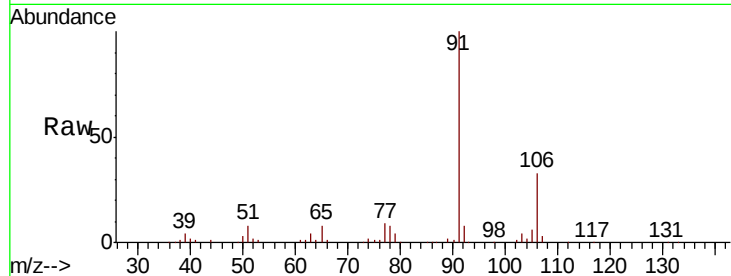
#63
Ethyl Benzene
Concen: 1.835 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 91 Resp: 143456
Ion Ratio Lower Upper
91 100
106 32.7 25.7 38.5

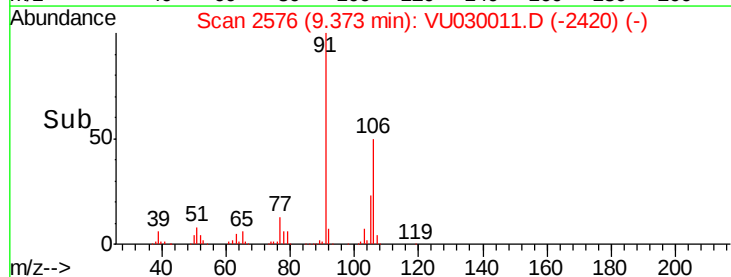
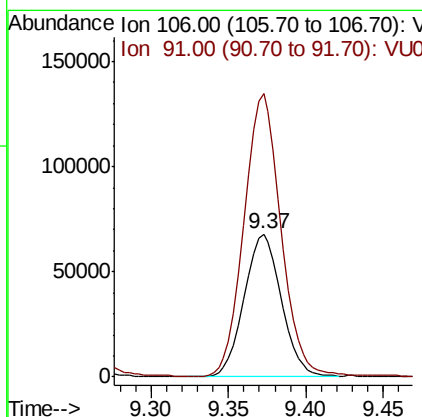
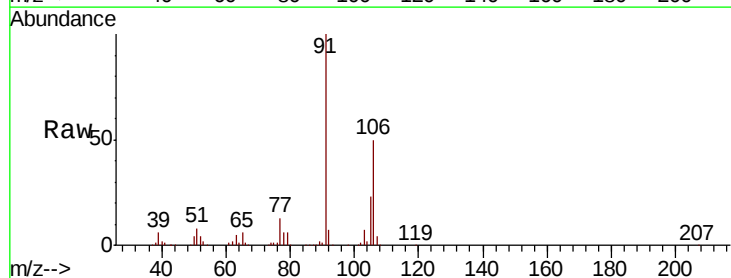
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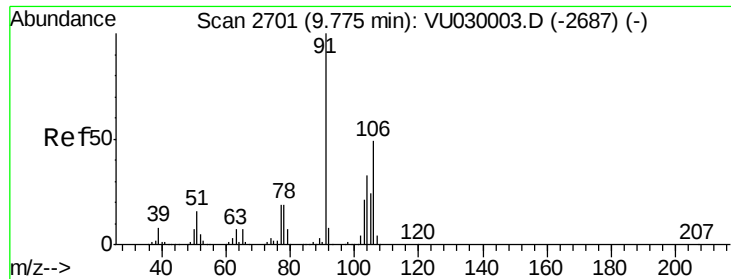
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#64
m/p-Xylenes
Concen: 3.695 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 106 Resp: 113673
Ion Ratio Lower Upper
106 100
91 197.9 157.9 236.9





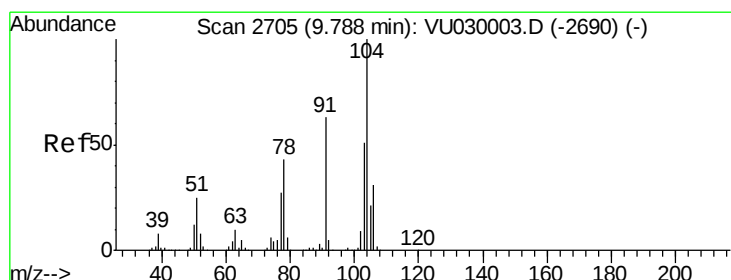
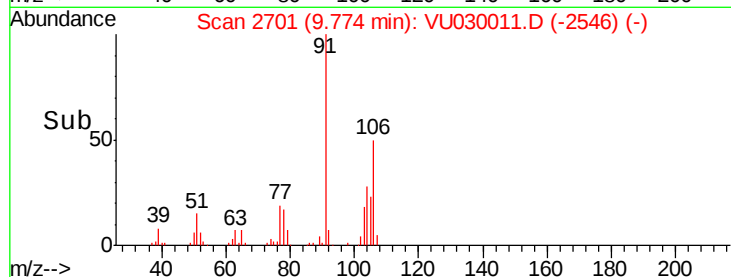
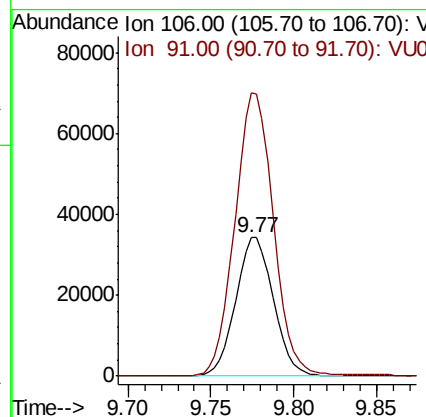
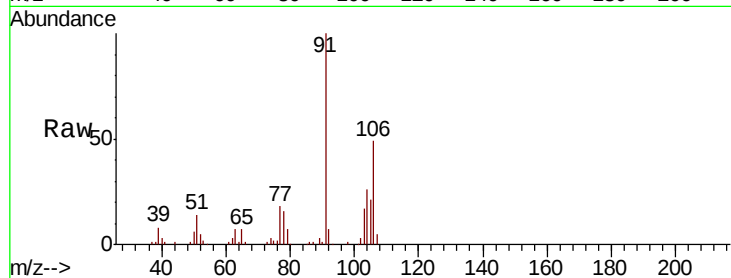
#65
o-Xylene
Concen: 1.801 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion:106 Resp: 54361
Ion Ratio Lower Upper
106 100
91 208.8 103.2 309.4

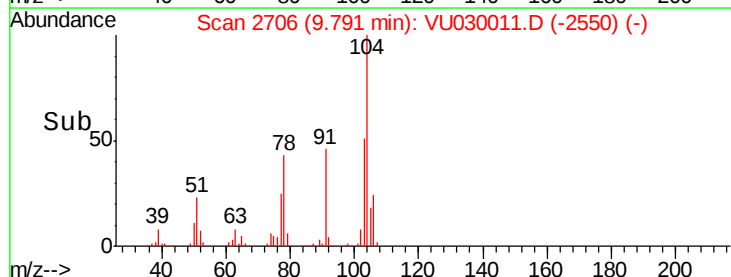
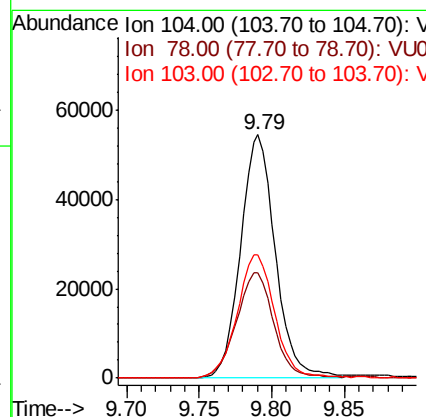
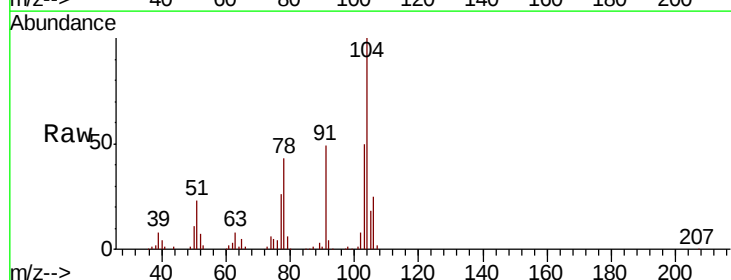
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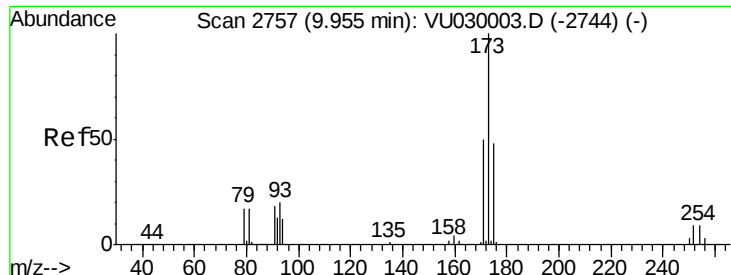
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#66
Styrene
Concen: 1.835 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion:104 Resp: 90750
Ion Ratio Lower Upper
104 100
78 46.6 37.0 55.4
103 54.6 43.8 65.6





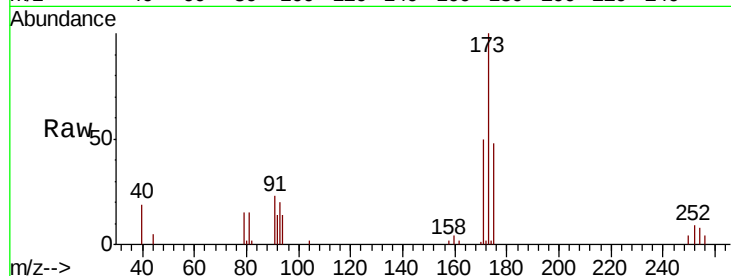
#67
Bromoform
Concen: 1.876 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

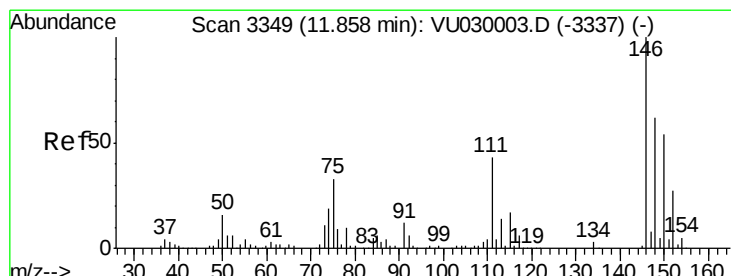
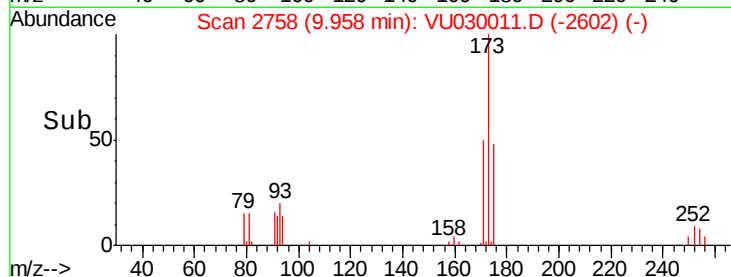
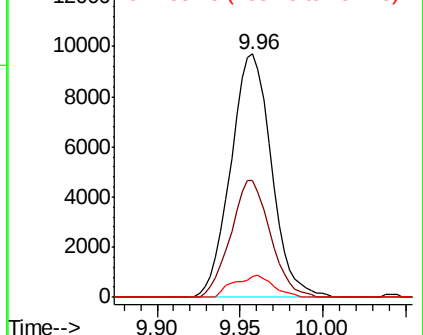
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.7	39.0	58.4
254	8.7	7.0	10.4

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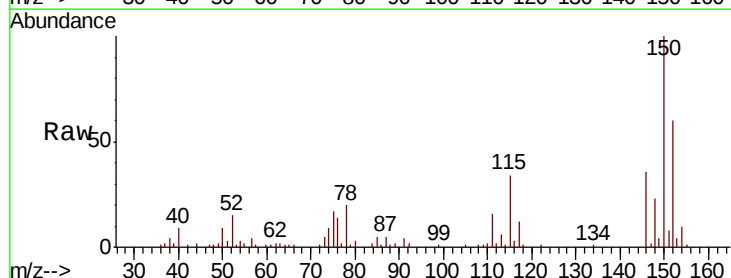


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

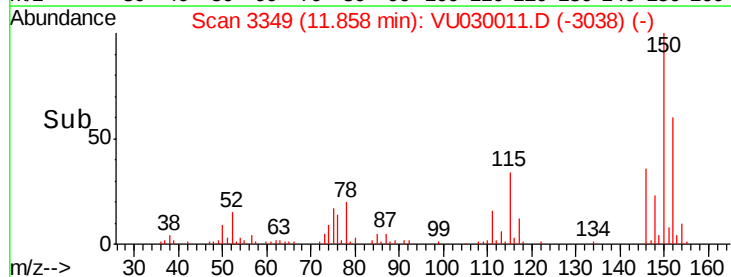
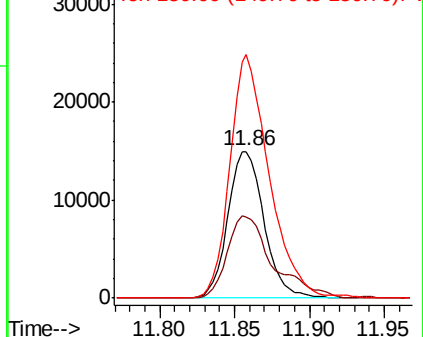


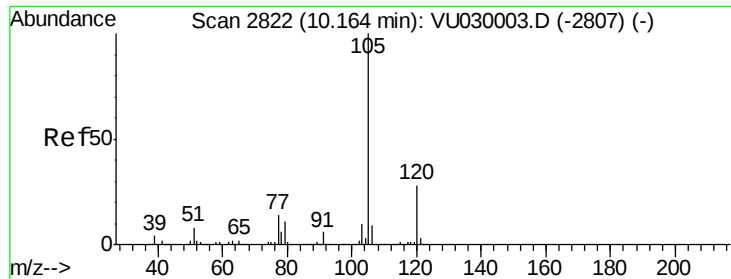
#68
1,2-Dichlorobenzene-d4
Concen: 1.876 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.2	0.0	126.8
150	179.6	0.0	634.2



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





#69

Isopropylbenzene

Concen: 1.851 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 105 Resp: 145649

Ion Ratio Lower Upper

105 100

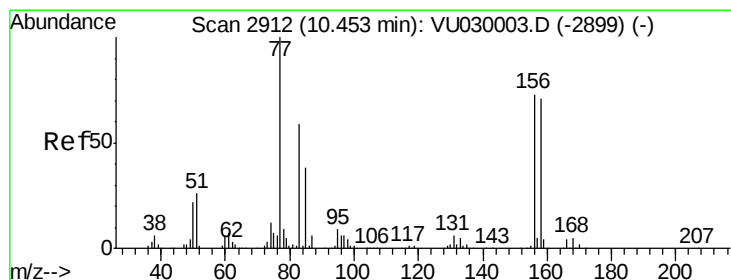
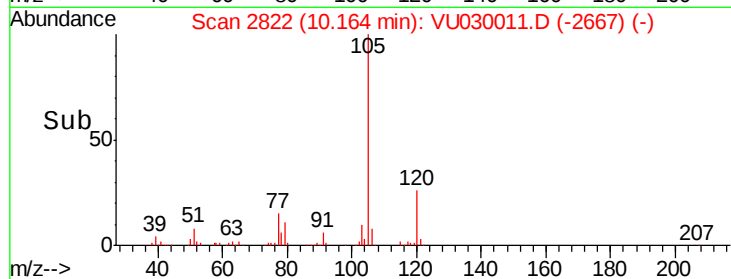
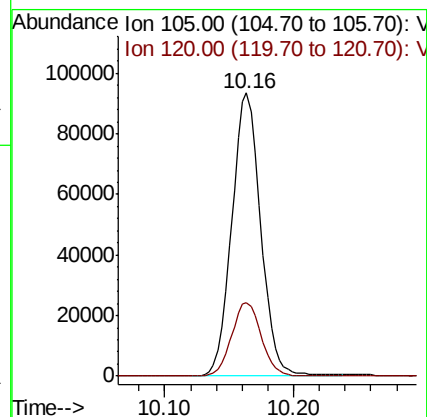
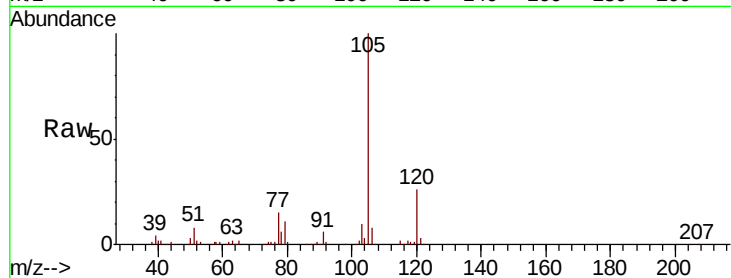
120 26.7 13.5 40.5

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.975 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

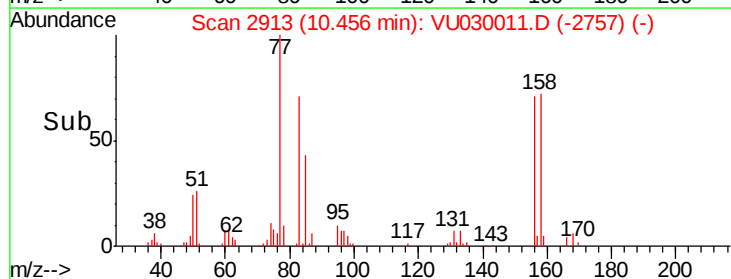
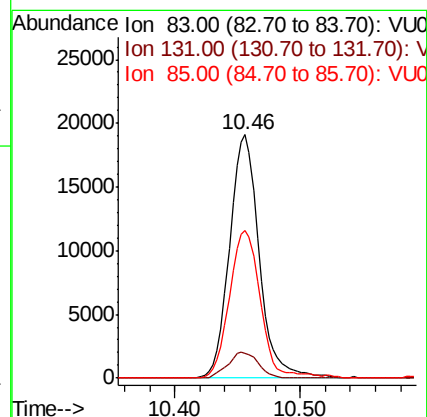
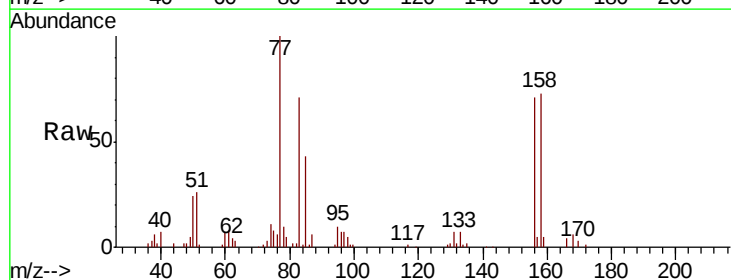
Tgt Ion: 83 Resp: 31296

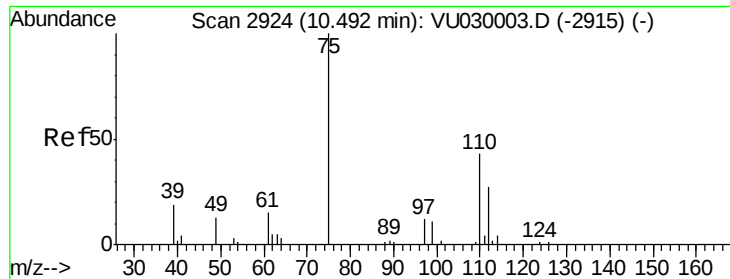
Ion Ratio Lower Upper

83 100

131 10.7 8.4 12.6

85 63.3 52.6 78.8





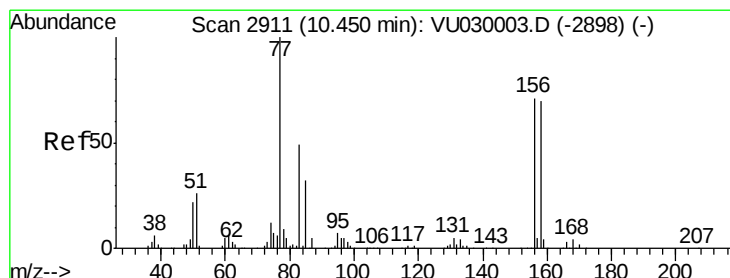
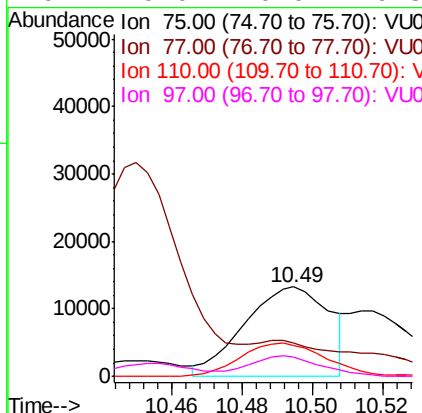
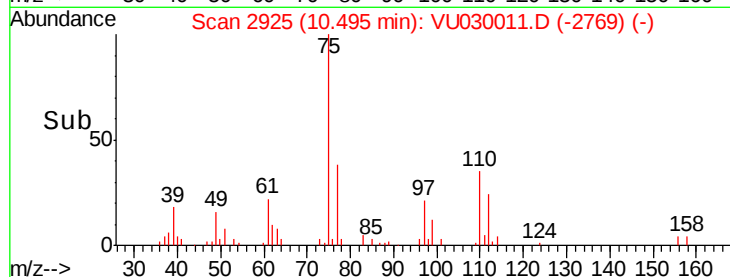
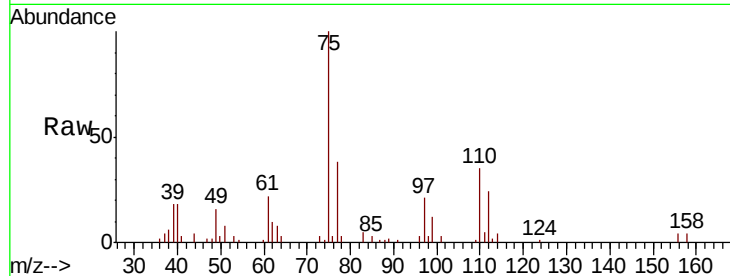
#71
1,2,3-Trichloropropane
Concen: 1.866 ug/l m
RT: 10.49 min Scan# 2925
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.8
110	37.5	0.0	76.8
97	19.0	0.0	40.8

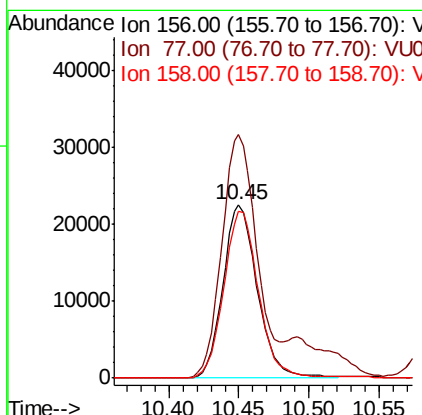
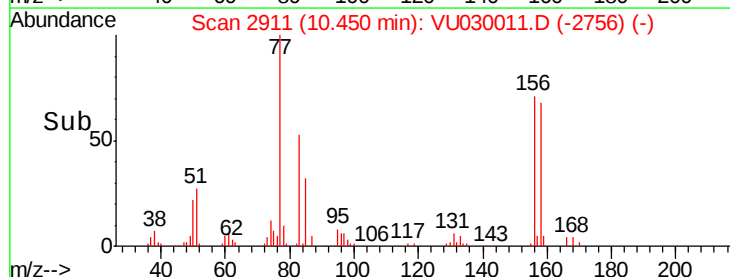
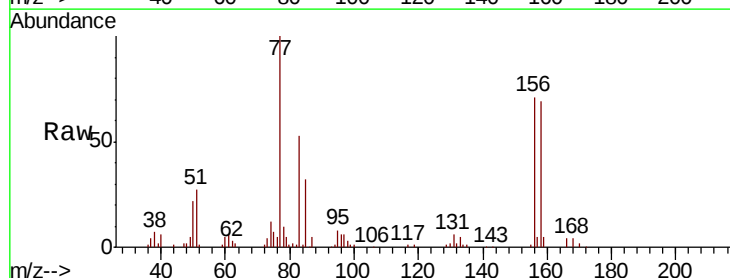
Manual Integrations
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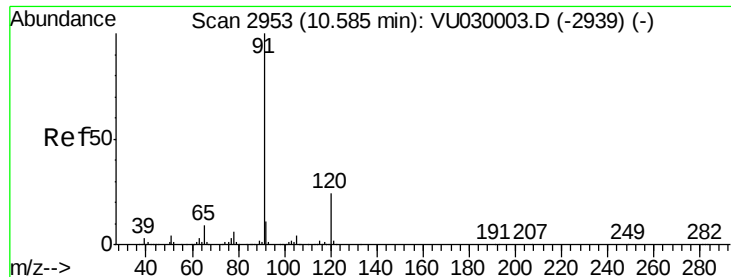
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#72
Bromobenzene
Concen: 1.864 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
156	100		
77	141.7	0.0	278.6
158	97.4	0.0	195.2





#73

n-propylbenzene

Concen: 1.835 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion:120 Resp: 40954

Ion Ratio Lower Upper

120 100

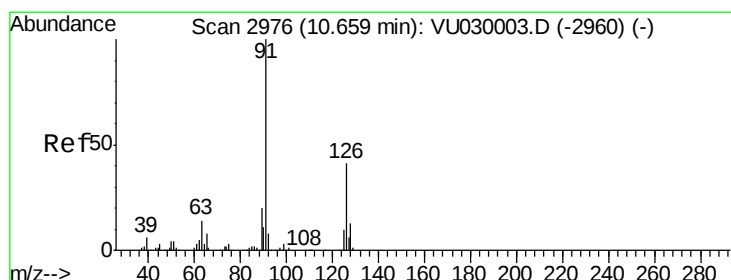
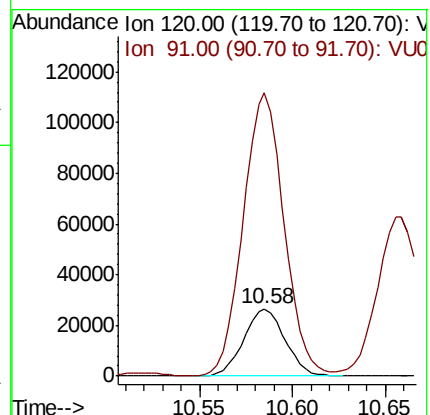
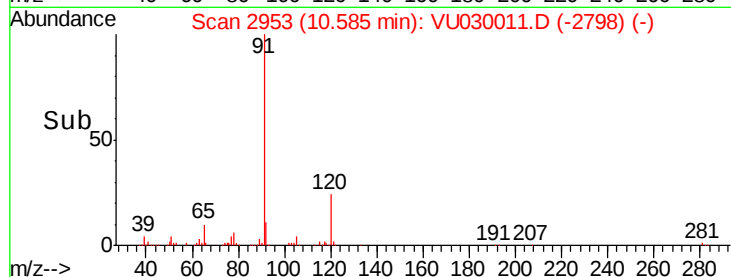
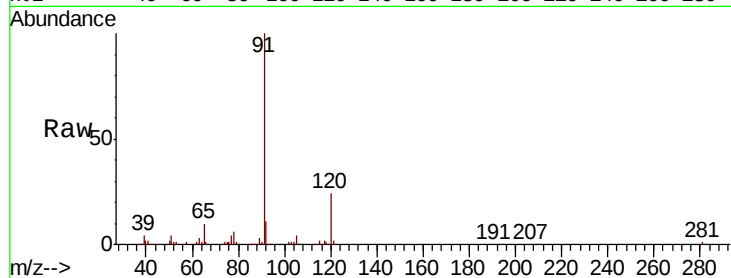
91 417.4 335.4 503.0

Manual Integrations

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#74

2-Chlorotoluene

Concen: 1.936 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU030011.D

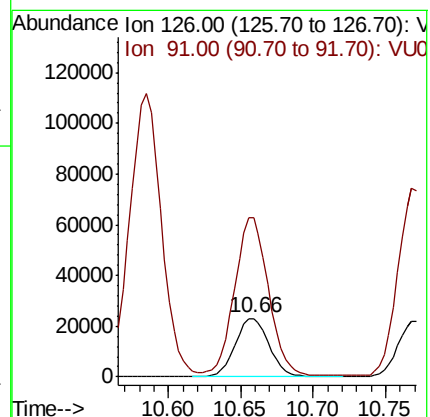
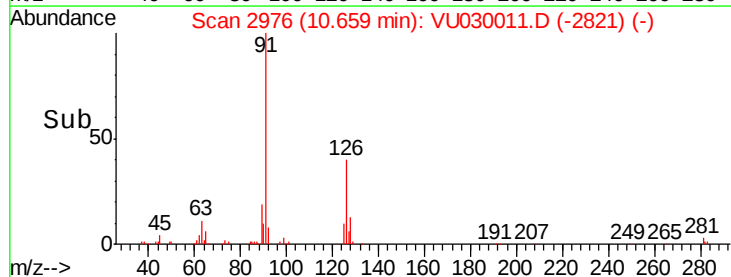
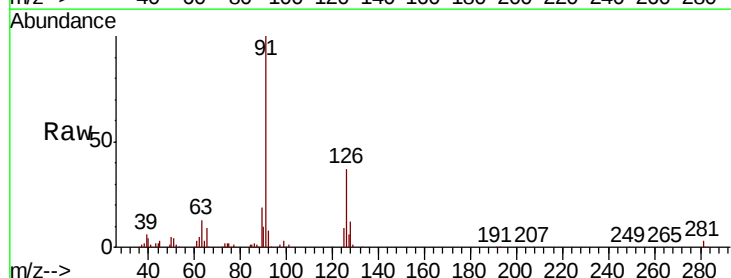
Acq: 12 Mar 2019 17:13

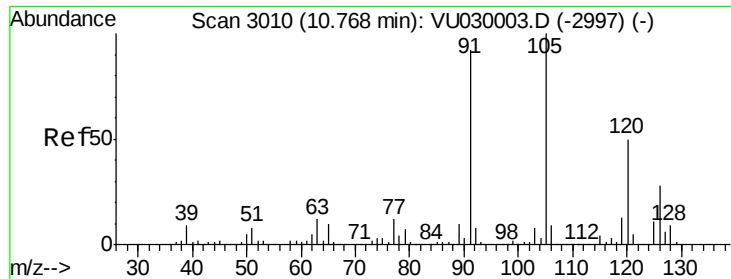
Tgt Ion:126 Resp: 37848

Ion Ratio Lower Upper

126 100

91 267.4 0.0 561.0





#75

1,3,5-Trimethylbenzene

Concen: 1.834 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion:105 Resp: 122920

Ion Ratio Lower Upper

105 100

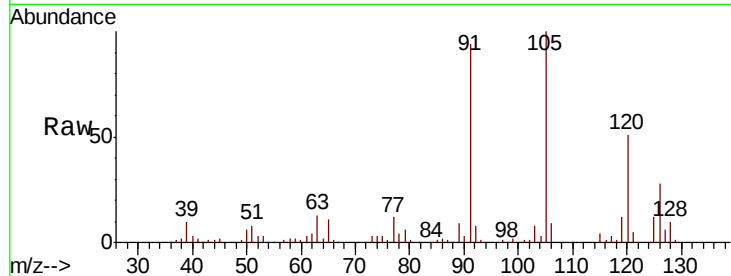
120 50.4 39.8 59.8

Manual Integrations

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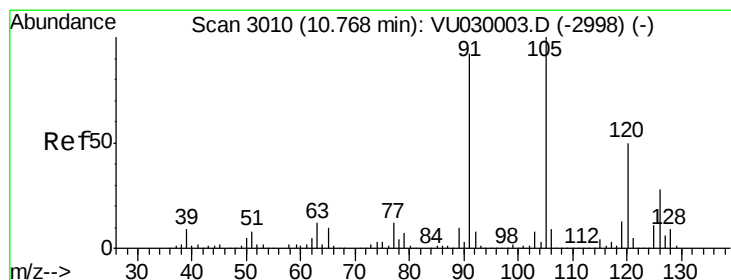
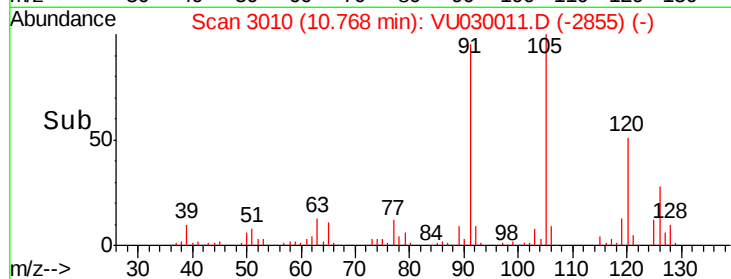
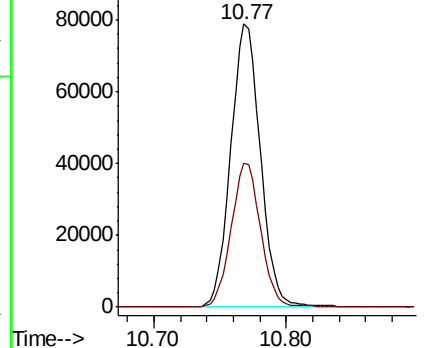
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.858 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030011.D

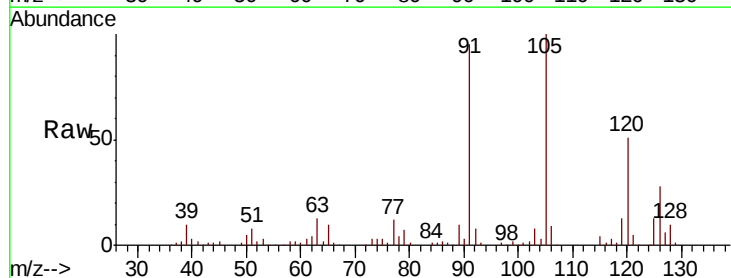
Acq: 12 Mar 2019 17:13

Tgt Ion:126 Resp: 37077

Ion Ratio Lower Upper

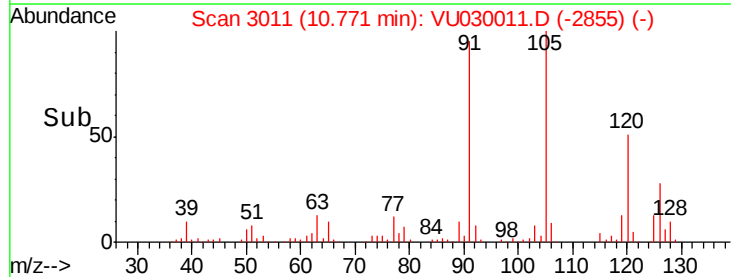
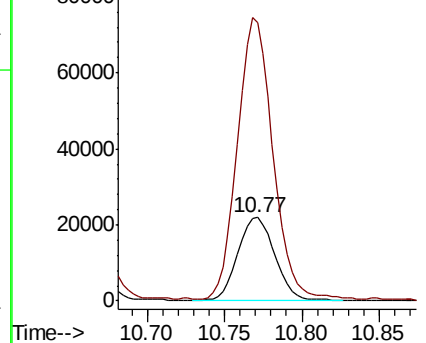
126 100

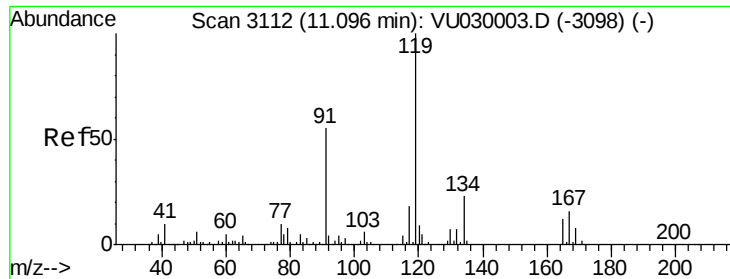
91 316.7 0.0 641.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





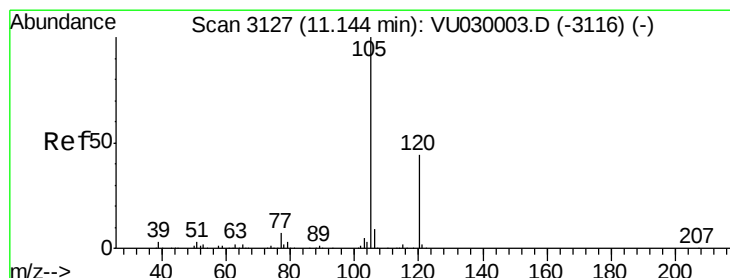
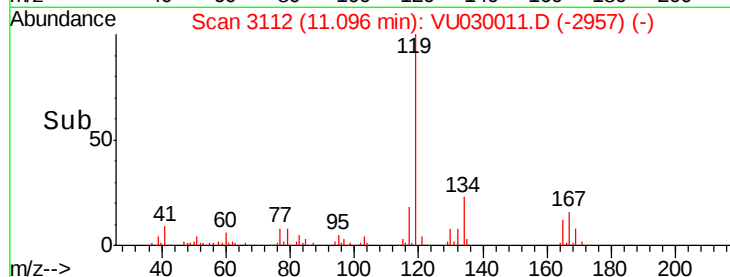
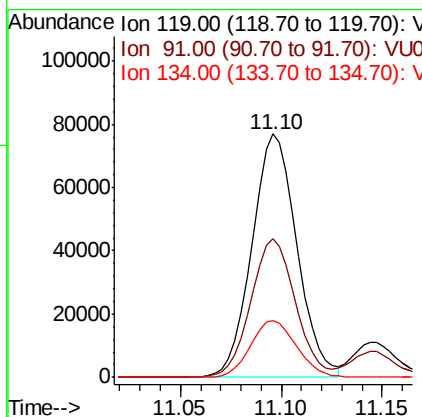
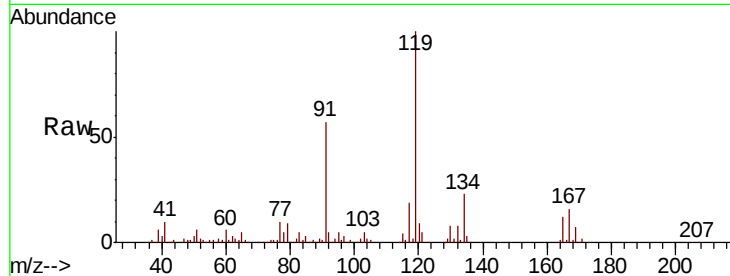
#77
 tert-Butylbenzene
 Concen: 1.829 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	120035		
91	56.5	27.6	82.8	
134	24.0	18.7	28.1	

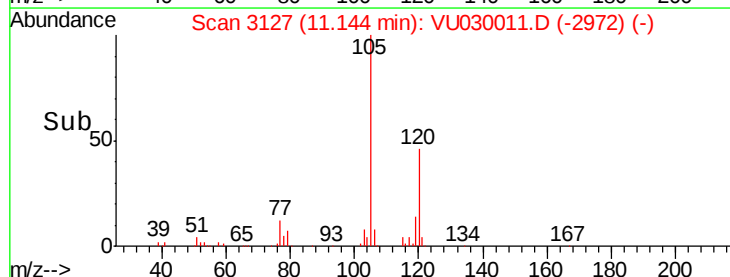
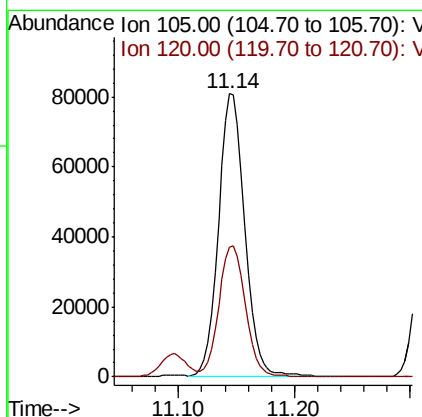
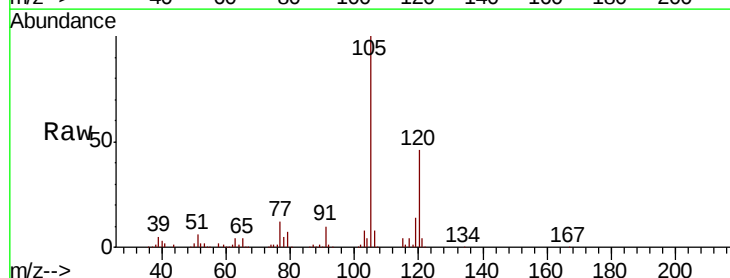
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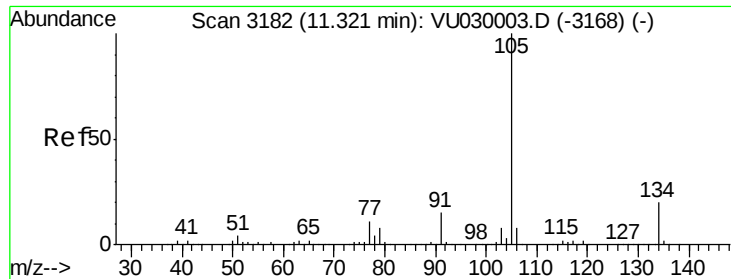
MMDadoda
 3/13/2019 12:56:27 PM



#78
 1,2,4-Trimethylbenzene
 Concen: 1.859 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126752		
120	47.1	23.5	70.6	





#79

sec-Butylbenzene

Concen: 1.869 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 105 Resp: 164260

Ion Ratio Lower Upper

105 100

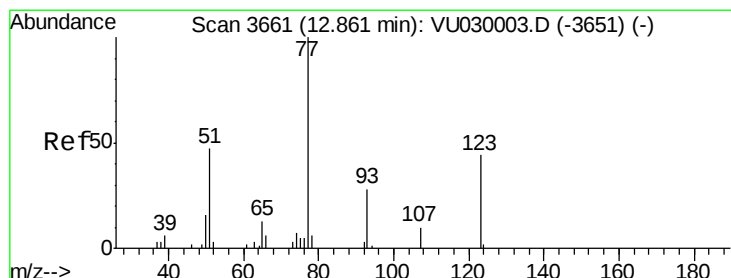
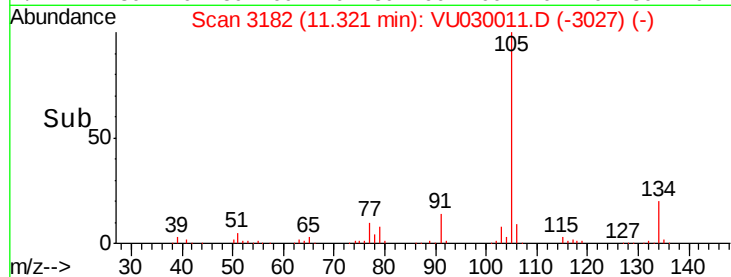
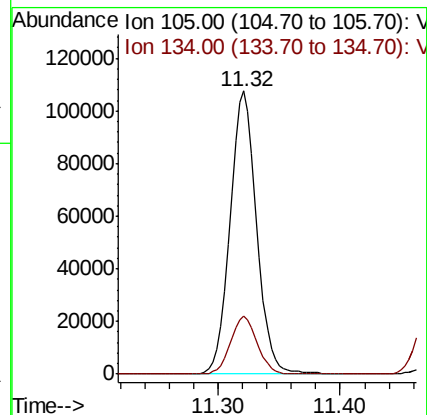
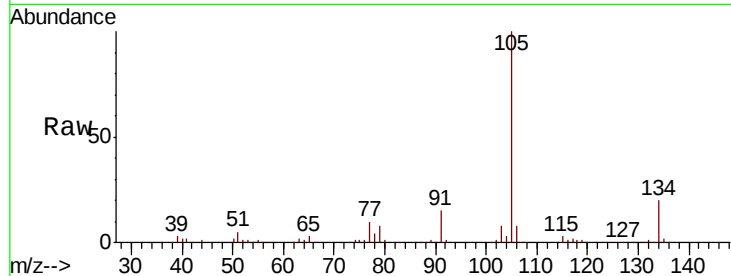
134 20.5 16.1 24.1

Manual Integrations

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#80

Nitrobenzene

Concen: 7.779 ug/l

RT: 12.87 min Scan# 3665

Delta R.T. 0.01 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

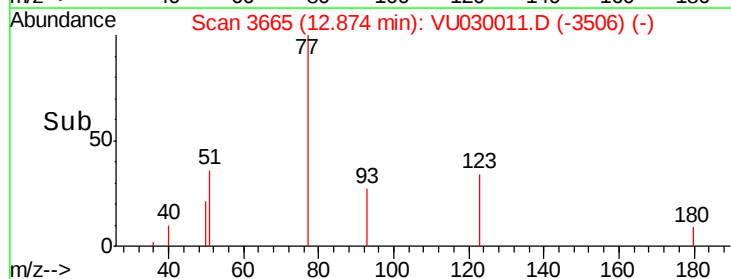
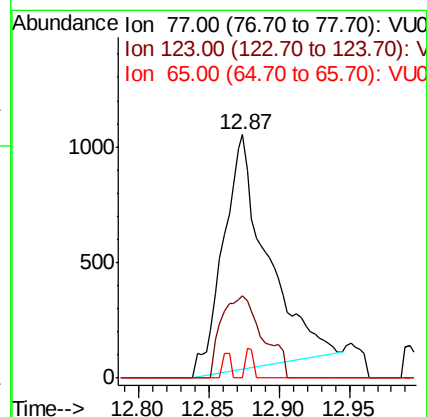
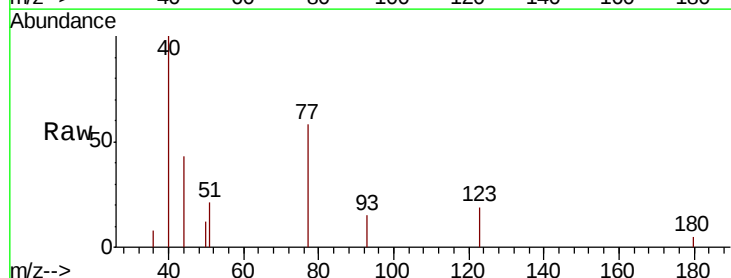
Tgt Ion: 77 Resp: 2202

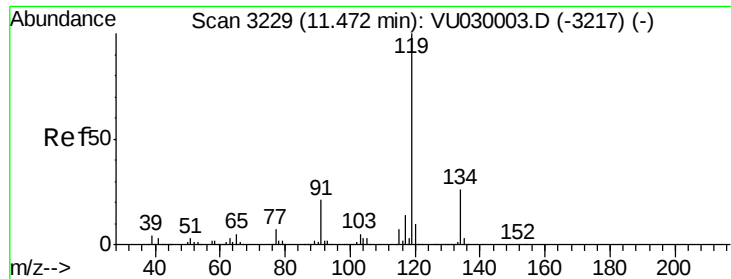
Ion Ratio Lower Upper

77 100

123 33.1 19.9 70.5

65 2.2 10.8 13.8#





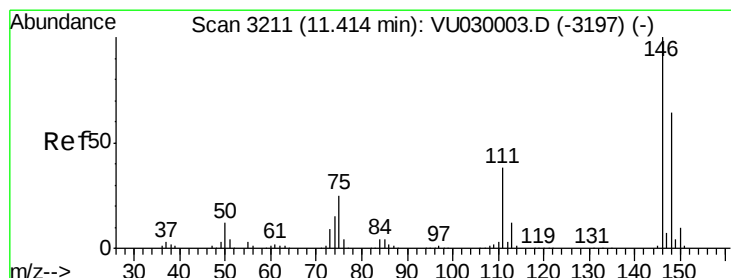
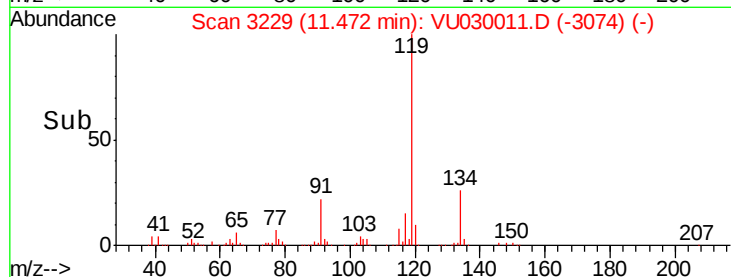
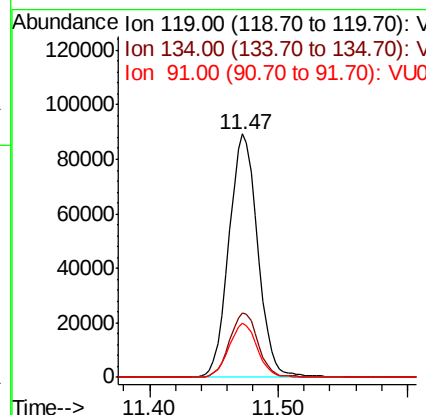
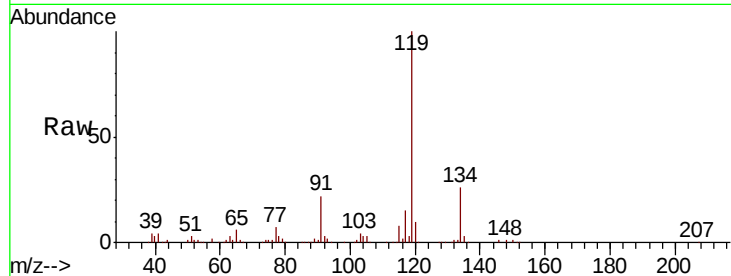
#81
 p-Isopropyltoluene
 Concen: 1.871 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	137926		
134	26.3	21.2	31.8	
91	22.3	17.0	25.6	

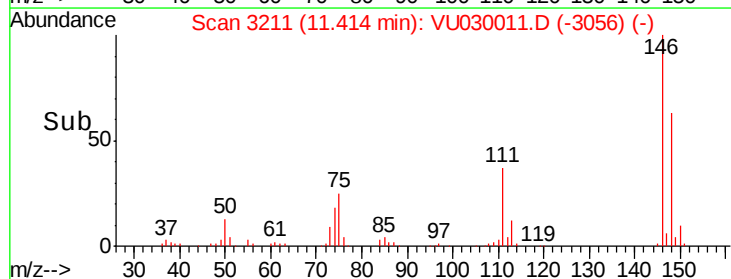
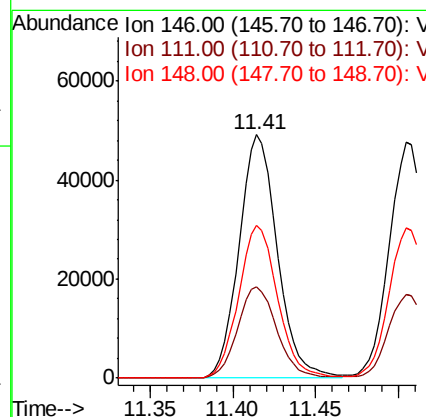
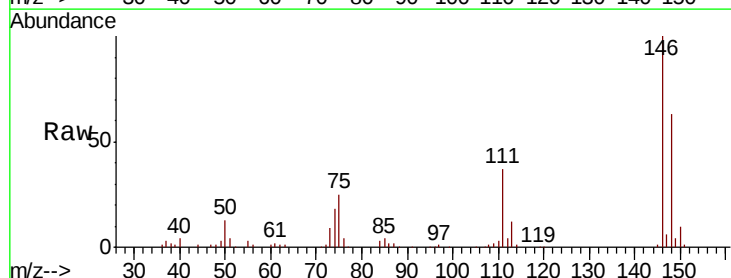
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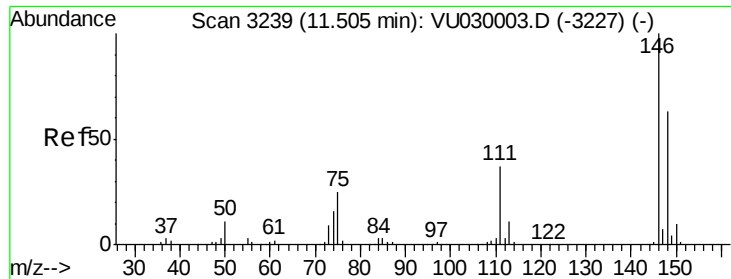
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#82
 1,3-Dichlorobenzene
 Concen: 1.899 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	79135		
111	38.5	30.3	45.5	
148	63.7	51.1	76.7	





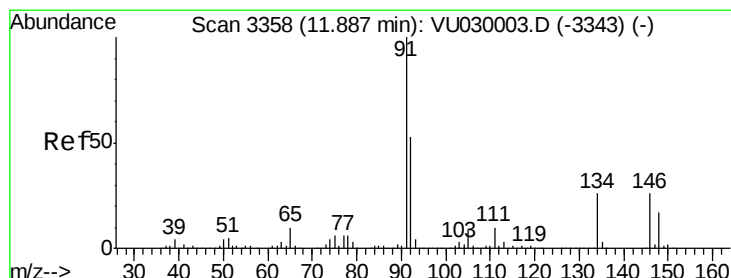
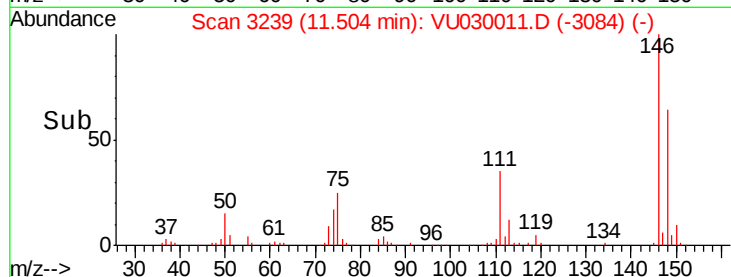
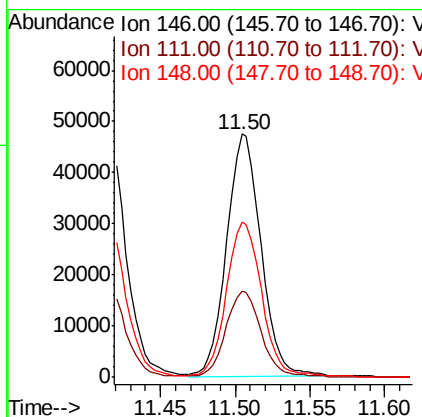
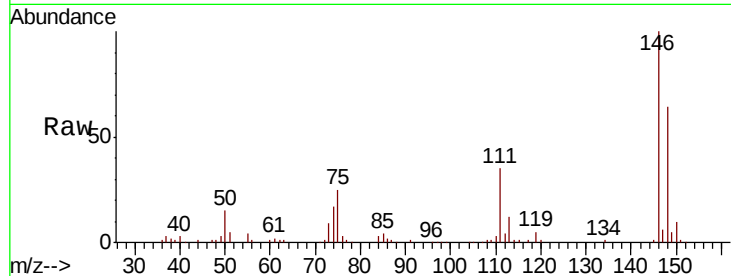
#83
 1,4-Dichlorobenzene
 Concen: 1.815 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	29.3	43.9
148	64.5	50.6	76.0

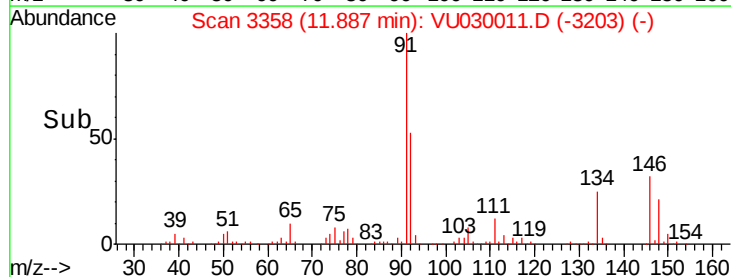
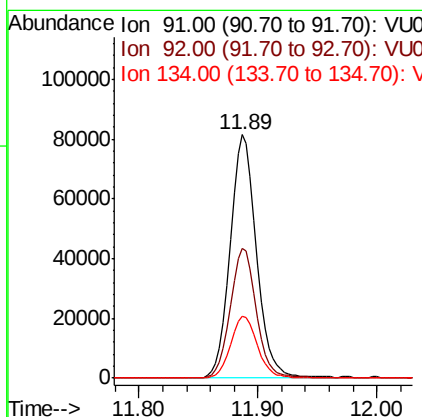
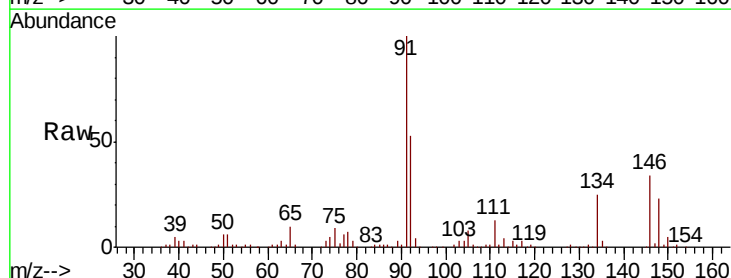
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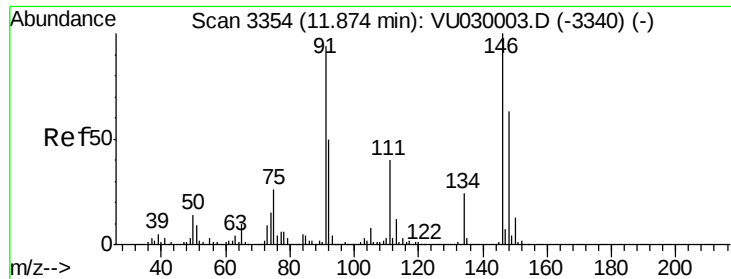
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#84
 n-Butylbenzene
 Concen: 1.813 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	42.4	63.6
134	25.8	21.4	32.0





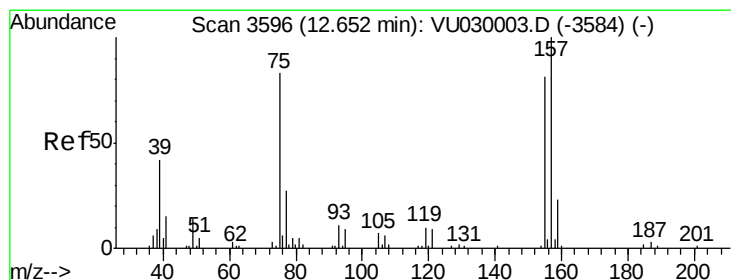
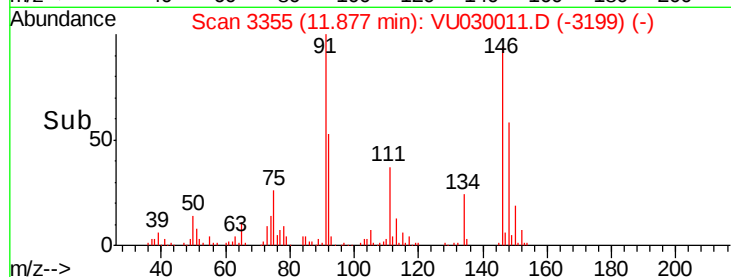
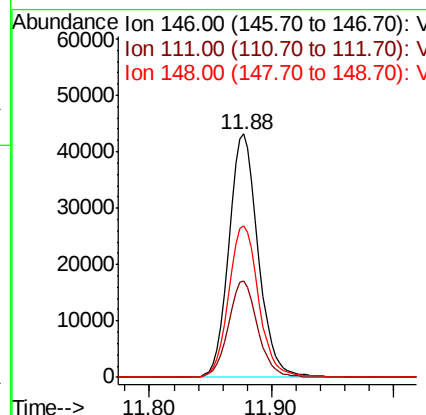
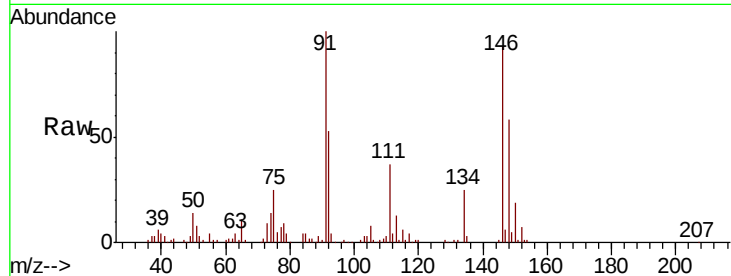
#85
 1,2-Dichlorobenzene
 Concen: 1.876 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	63.8	31.7	95.1

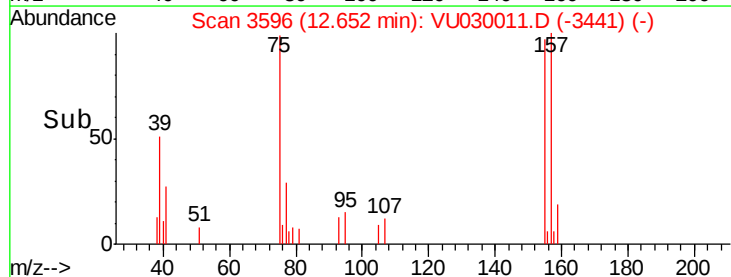
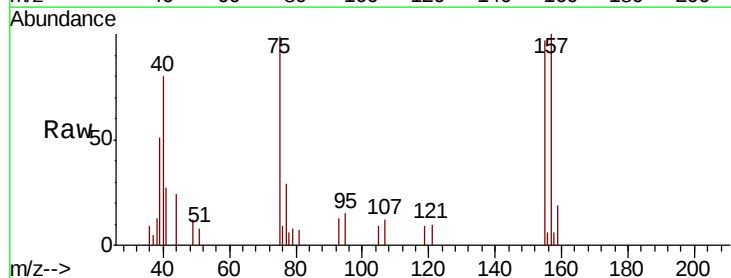
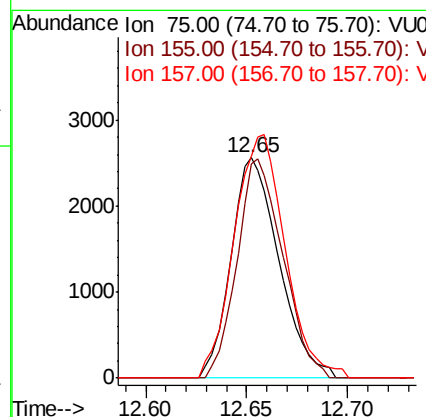
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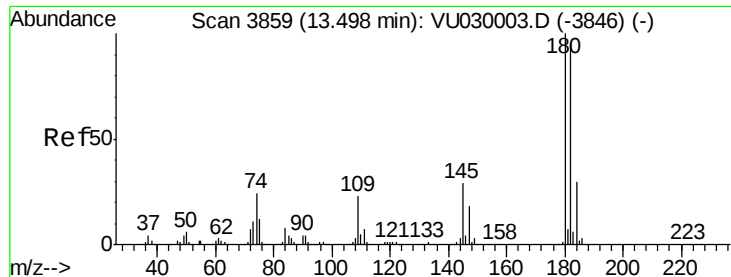
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.867 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	78.2	117.4
157	117.5	97.2	145.8





#87

1,2,4-Trichlorobenzene

Concen: 1.785 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

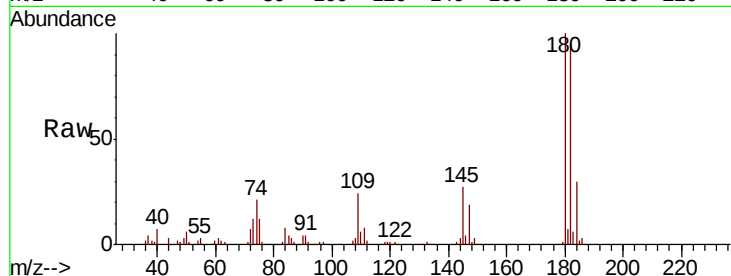
ClientSampleId :

VU0314WBS01

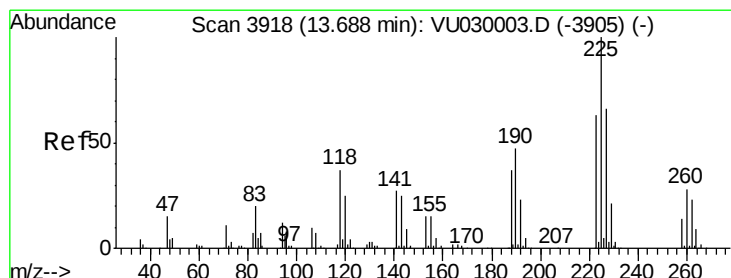
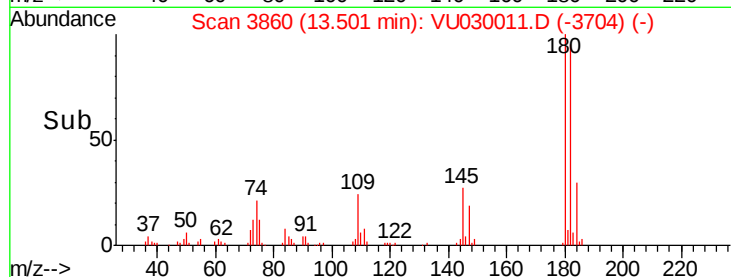
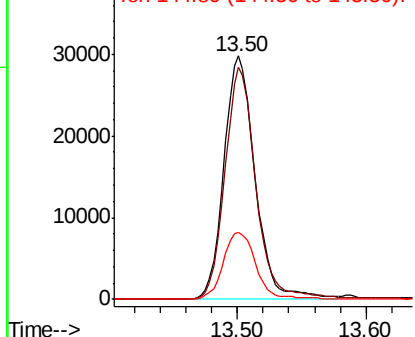
Tgt Ion:	180	Resp:	49955
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.2	114.2
145	28.6	23.0	34.6

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



#88

Hexachlorobutadiene

Concen: 2.010 ug/l

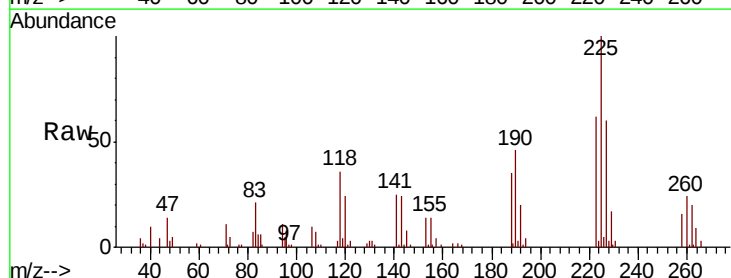
RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

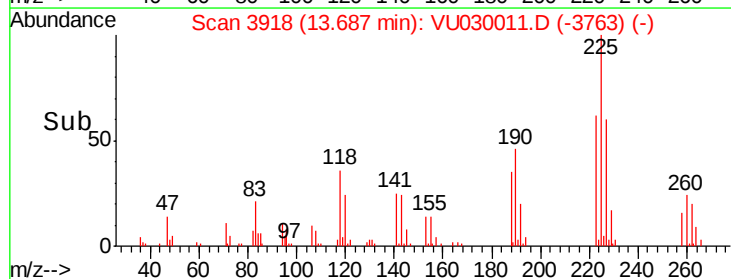
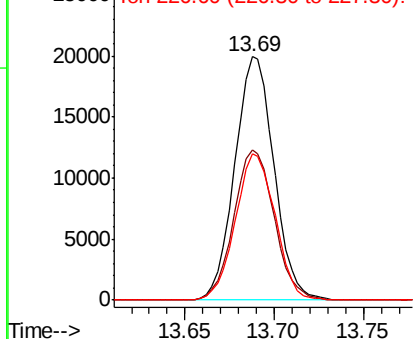
Lab File: VU030011.D

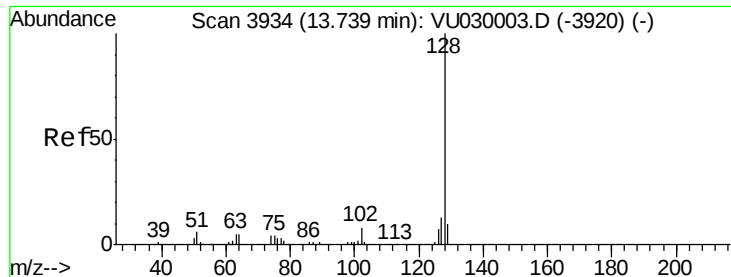
Acq: 12 Mar 2019 17:13

Tgt Ion:	225	Resp:	30497
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.7	76.1
227	60.9	52.6	78.8



Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V





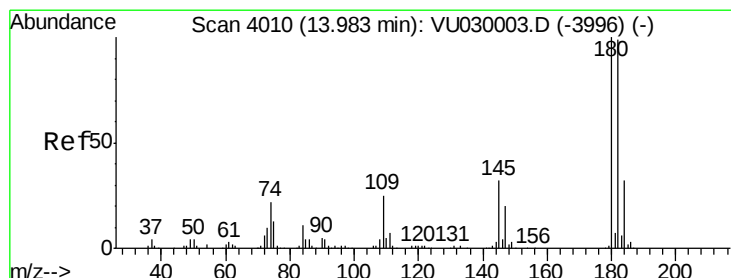
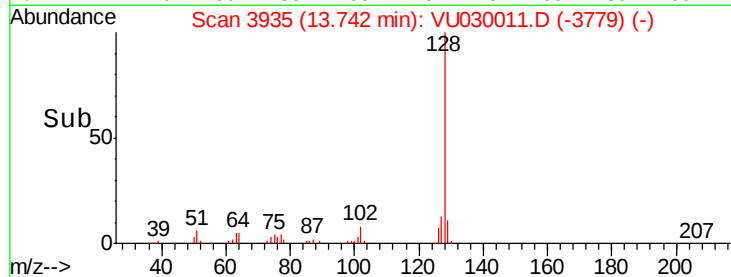
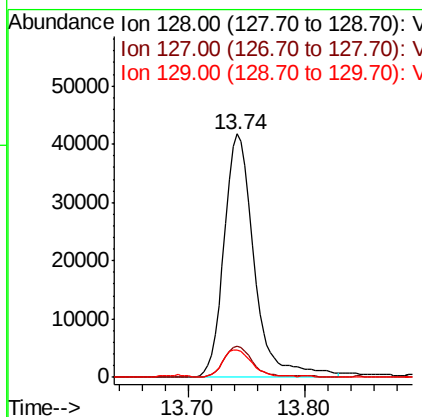
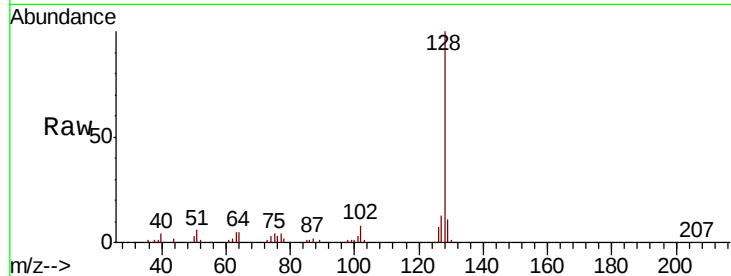
#89
Naphthalene
Concen: 1.715 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	11.1	8.5	12.7

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#90
1,2,3-Trichlorobenzene
Concen: 1.900 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	27.2	24.7	37.1

