

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
 Data File : VU029834.D
 Acq On : 06 Mar 2019 11:14
 Operator : JC/SP
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sample ID :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 4:50:13 PM

Quant Time: Mar 08 01:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 07 01:00:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	66017	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	24354	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	27453	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	211491	9.574	ug/l	100
3) Chloromethane	1.33	50	187602	9.537	ug/l	100
4) Vinyl Chloride	1.40	62	216474	9.783	ug/l	100
5) Bromomethane	1.62	94	127921	8.465	ug/l	100
6) Chloroethane	1.69	64	127849	9.635	ug/l	100
7) Trichlorofluoromethane	1.88	101	292873	9.712	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	171682	9.786	ug/l	100
9) 1,1-Dichloroethene	2.28	96	167266	9.741	ug/l	100
10) Iodomethane	2.41	142	190516	12.797	ug/l	100
11) Allyl Chloride	2.59	41	232031	9.612	ug/l	100
12) Acrylonitrile	2.93	53	71899	19.203	ug/l	100
13) Acetone	2.32	43	142595	45.983	ug/l	100
14) Carbon Disulfide	2.47	76	540355	9.717	ug/l	100
15) Methylene Chloride	2.69	84	188005	9.124	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	186320	9.605	ug/l	100
17) 1,1-Dichloroethane	3.44	63	309531	9.537	ug/l	100
18) 2-Butanone	4.27	43	216145	51.288	ug/l	100
19) Cyclohexane	4.99	56	257391m	10.452	ug/l	
20) Methylcyclohexane	6.41	83	303991	10.357	ug/l	100
21) 2,2-Dichloropropane	4.22	77	255343	9.625	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	202649	9.857	ug/l	100
23) Diethyl Ether	2.10	59	126616	9.835	ug/l	100
24) tert-Butyl Alcohol	2.84	59	129553	97.555	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	421781	9.754	ug/l	100
26) Bromochloromethane	4.54	128	88478	9.694	ug/l	100
27) Chloroform	4.67	83	317877	9.672	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	276406	9.919	ug/l	100
29) 1,1-Dichloropropene	5.13	75	247140	9.980	ug/l	100
30) Carbon Tetrachloride	5.13	117	245048	10.080	ug/l	100
31) Isopropyl Ether	3.58	45	439455	9.817	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	436310	10.027	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	410860	10.211	ug/l	100
34) Propionitrile	4.33	54	67038	53.476	ug/l	100
35) Benzene	5.38	78	717246	9.832	ug/l	100
36) 1,2-Dichloroethane	5.40	62	195872	9.831	ug/l	100
37) Trichloroethene	6.18	130	208777	9.803	ug/l	100
38) 1,2-Dichloropropane	6.43	63	182575	9.888	ug/l	100
39) Methacrylonitrile	4.55	41	52897	10.031	ug/l	100
40) Methyl acrylate	4.42	55	85016	10.200	ug/l	100
41) Tetrahydrofuran	4.65	42	52946	19.196	ug/l	100
42) 1-Chlorobutane	5.06	56	318610	10.071	ug/l	100

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Quant Time: Mar 08 01:29:15 2019
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	95930	10.024	ug/l	100
44) Bromodichloromethane	6.75	83	233413	9.931	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	515658	51.664	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	91393m	21.035	ug/l	
47) Methyl methacrylate	6.62	69	173894	21.175	ug/l	100
48) Ethyl methacrylate	8.02	69	173370	11.018	ug/l	100
49) Toluene	7.63	92	464768	10.375	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	215221	10.449	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	263553	10.336	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	137382	9.698	ug/l	100
53) 1,3-Dichloropropane	8.24	76	230551	9.923	ug/l	100
54) 2-Hexanone	8.36	43	367594	53.030	ug/l	100
55) Dibromochloromethane	8.47	129	171790	10.218	ug/l	100
56) 1,2-Dibromoethane	8.58	107	132932	9.897	ug/l	100
58) Tetrachloroethene	8.22	164	211839	9.738	ug/l	100
59) Chlorobenzene	9.12	112	524631	10.190	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	183722	9.948	ug/l	100
61) Pentachloroethane	11.10	117	132554	10.309	ug/l	100
62) Hexachloroethane	12.14	117	144769	10.702	ug/l	100
63) Ethyl Benzene	9.25	91	888746	10.538	ug/l	100
64) m/p-Xylenes	9.37	106	717636	21.524	ug/l	100
65) o-Xylene	9.77	106	343031	10.713	ug/l	100
66) Styrene	9.79	104	578232	10.870	ug/l	100
67) Bromoform	9.95	173	104182	10.551	ug/l	100
69) Isopropylbenzene	10.16	105	902217	10.625	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	171936	9.952	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	125425m	10.024	ug/l	
72) Bromobenzene	10.45	156	230985	10.277	ug/l	100
73) n-propylbenzene	10.59	120	258362	10.823	ug/l	100
74) 2-Chlorotoluene	10.66	126	220075	10.393	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	775703	10.844	ug/l	100
76) 4-Chlorotoluene	10.77	126	230334	10.667	ug/l	100
77) tert-Butylbenzene	11.10	119	762677	10.776	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	791042	10.944	ug/l	100
79) sec-Butylbenzene	11.32	105	1016453	10.837	ug/l	100
80) Nitrobenzene	12.86	77	18142	55.017	ug/l	100
81) p-Isopropyltoluene	11.47	119	864742	11.012	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	458964	10.311	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	450850	10.366	ug/l	100
84) n-Butylbenzene	11.89	91	782852	10.942	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	426639	10.165	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26573	10.773	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	294521	10.957	ug/l	100
88) Hexachlorobutadiene	13.69	225	172360	10.180	ug/l	100
89) Naphthalene	13.74	128	505773	11.772	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	276593	10.953	ug/l	100

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

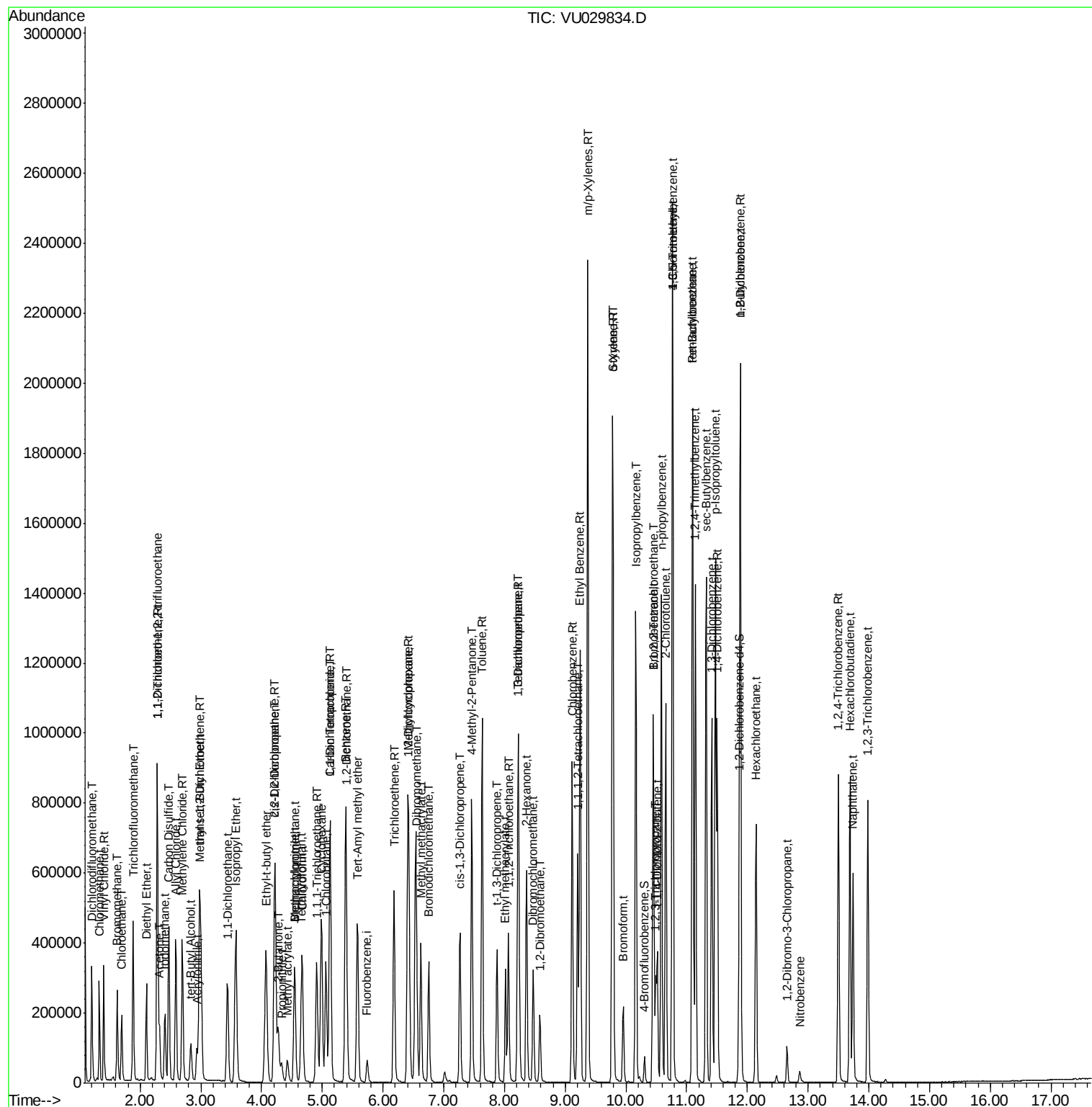
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
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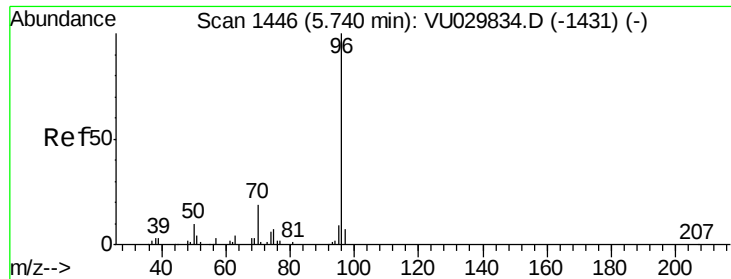
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

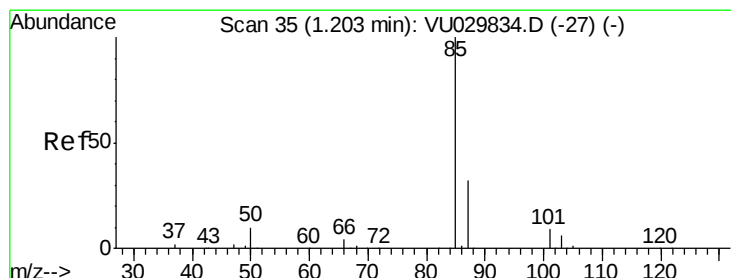
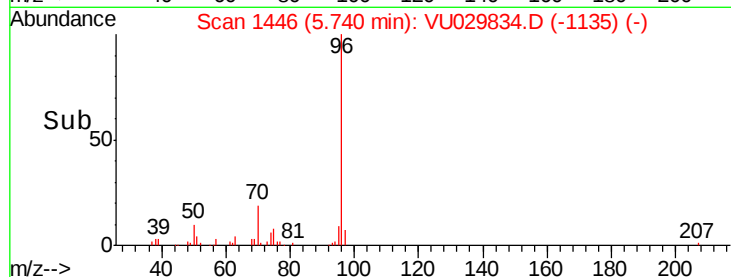
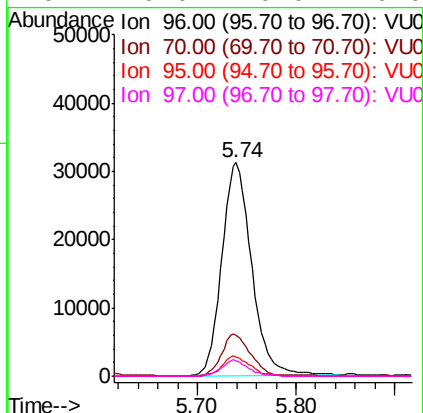
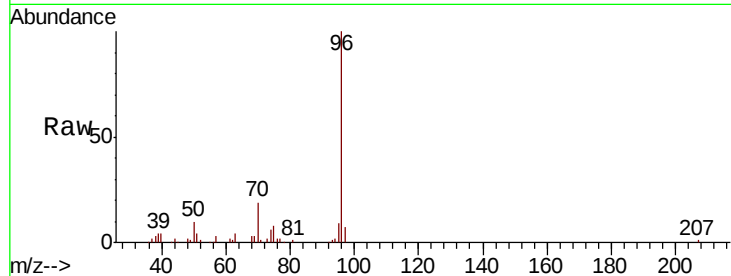
ClientSampleId :

VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
96	100		
70	18.0	14.4	21.6
95	8.8	7.0	10.6
97	0.0	0.0	0.0

Manual Integrations
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3/11/2019 4:50:13 PM



#2

Dichlorodifluoromethane

Concen: 9.574 ug/l

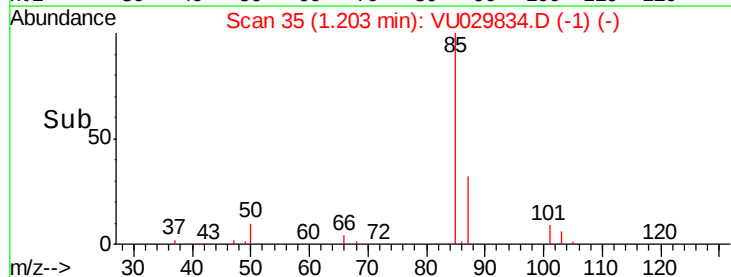
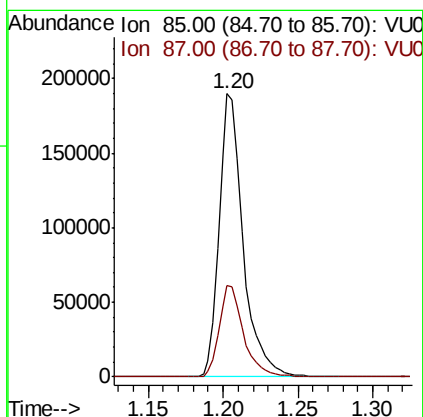
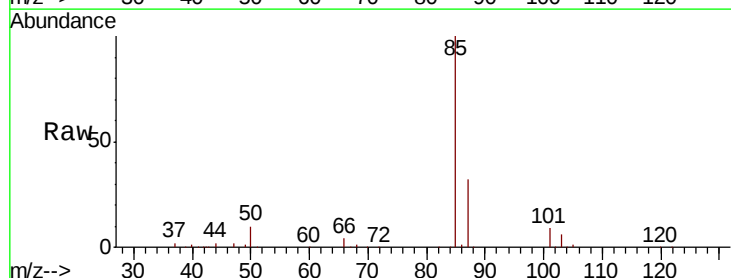
RT: 1.20 min Scan# 35

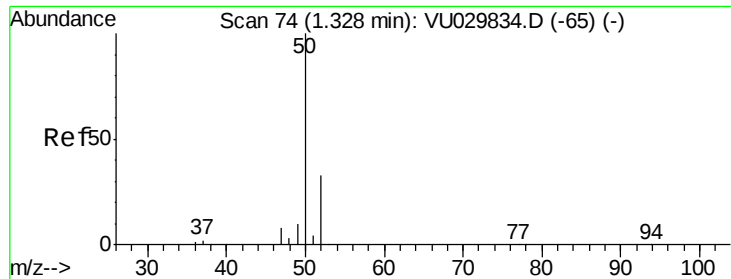
Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6





#3

Chloromethane

Concen: 9.537 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 50 Resp: 187602

Ion Ratio Lower Upper

50 100

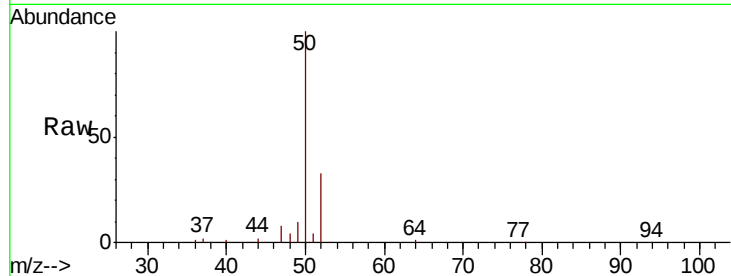
52 33.1 26.5 39.7

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

200000

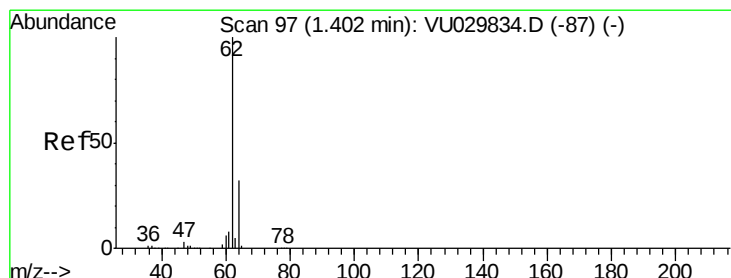
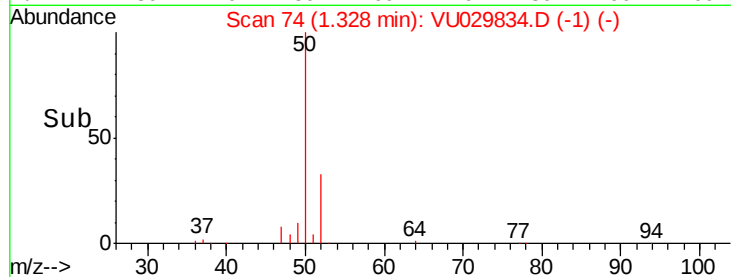
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 9.783 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029834.D

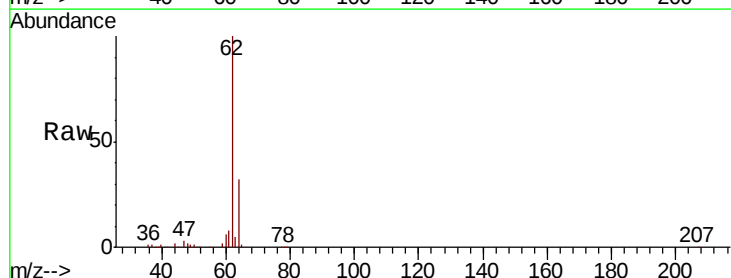
Acq: 06 Mar 2019 11:14

Tgt Ion: 62 Resp: 216474

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

200000

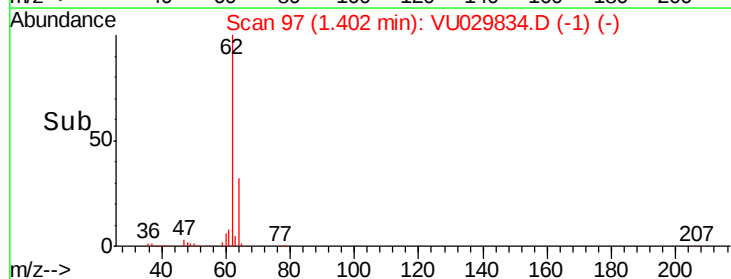
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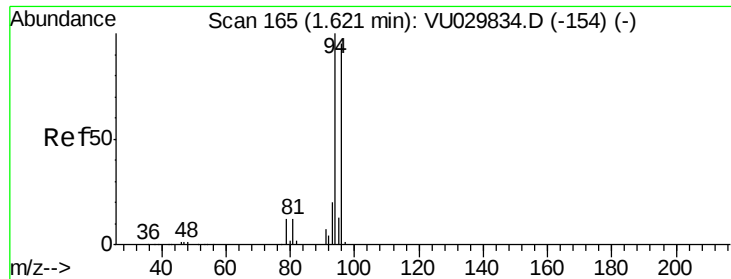
100000

50000

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Time-->





#5

Bromomethane

Concen: 8.465 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

Tgt Ion: 94 Resp: 127921

Ion Ratio Lower Upper

94 100

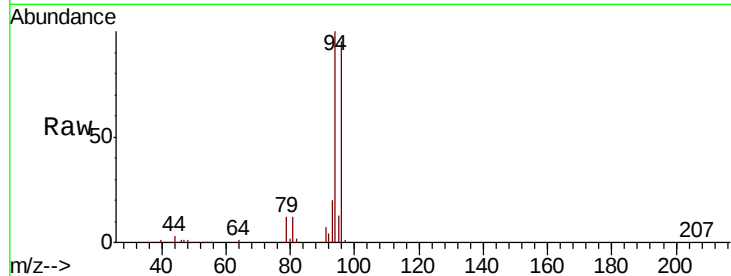
96 95.5 76.4 114.6

Manual Integrations

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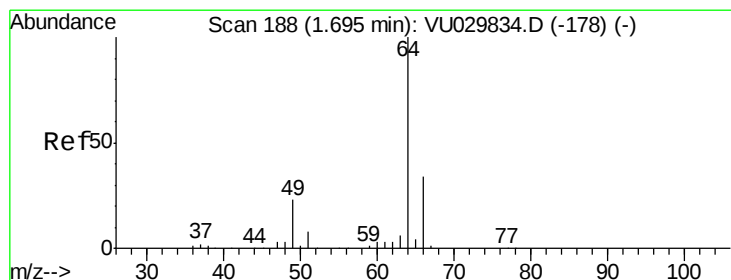
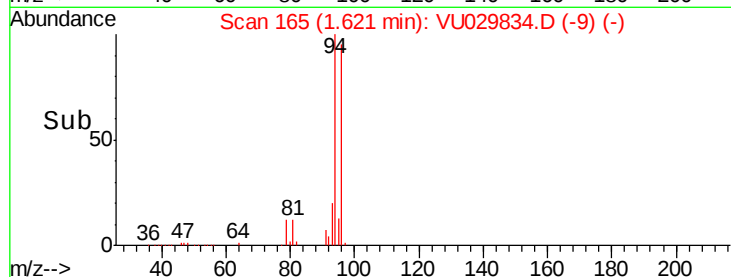
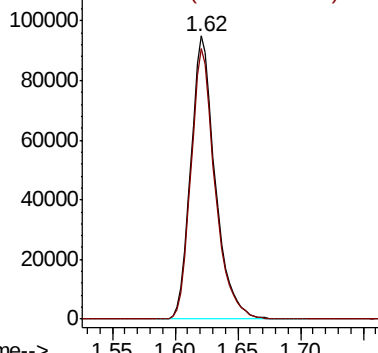
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.635 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU029834.D

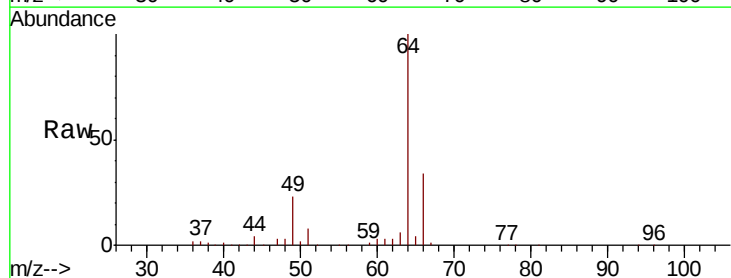
Acq: 06 Mar 2019 11:14

Tgt Ion: 64 Resp: 127849

Ion Ratio Lower Upper

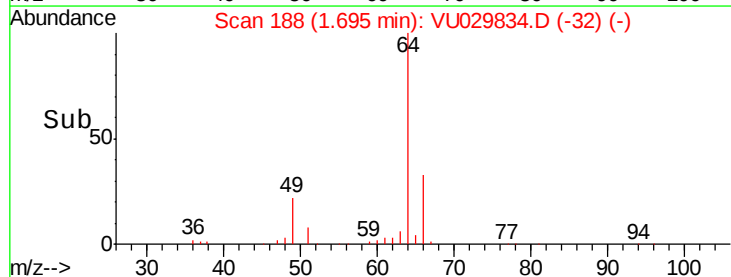
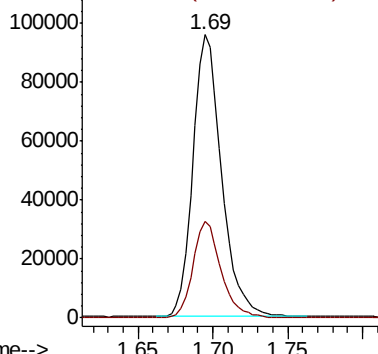
64 100

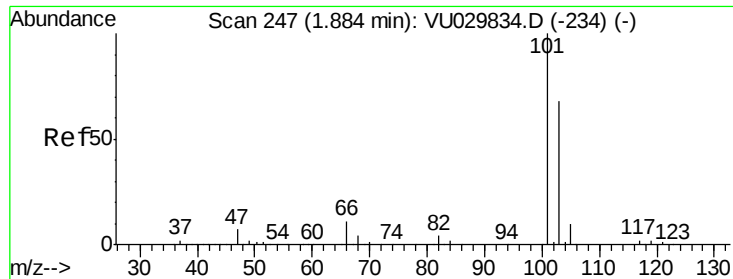
66 34.1 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

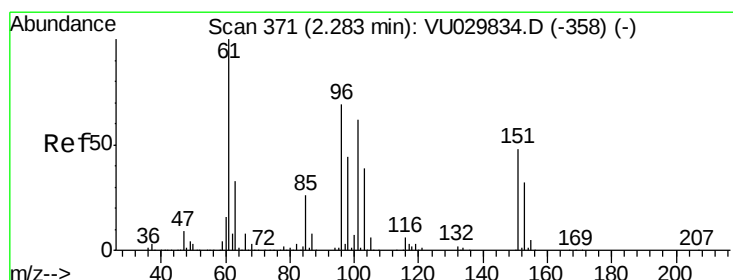
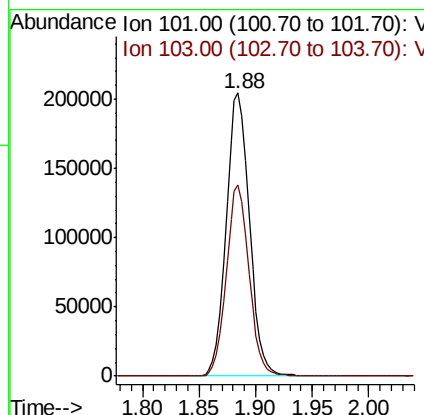
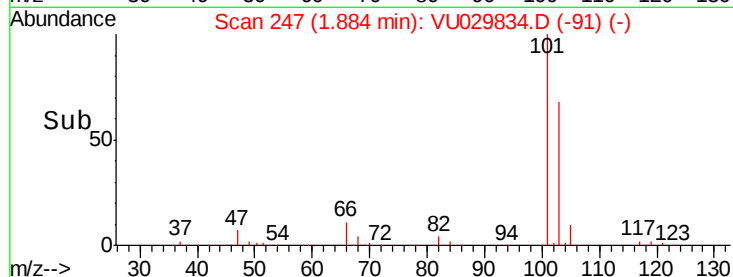
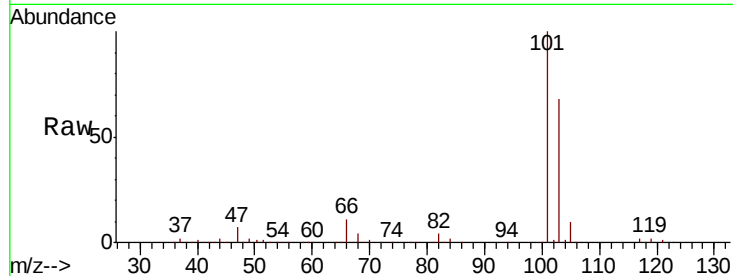
Trichlorofluoromethane
Concen: 9.712 ug/l
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
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VSTDICCC010

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	292873		
103	67.7	54.2	54.2	81.2

Manual Integrations
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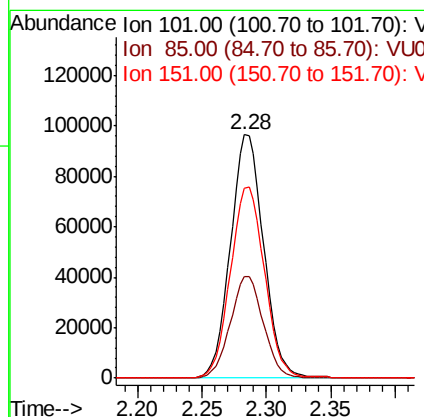
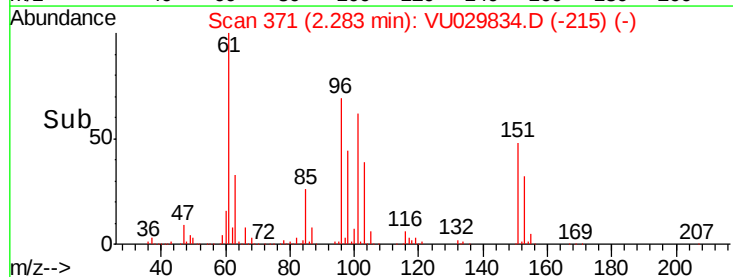
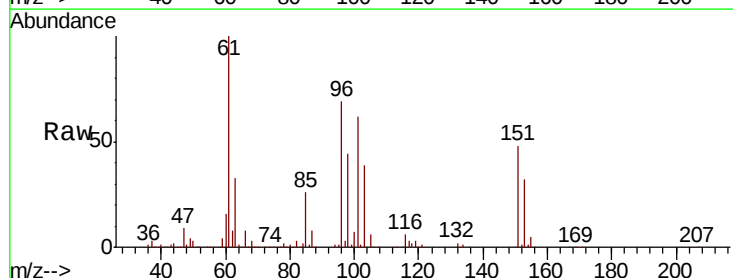
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3/11/2019 4:50:13 PM

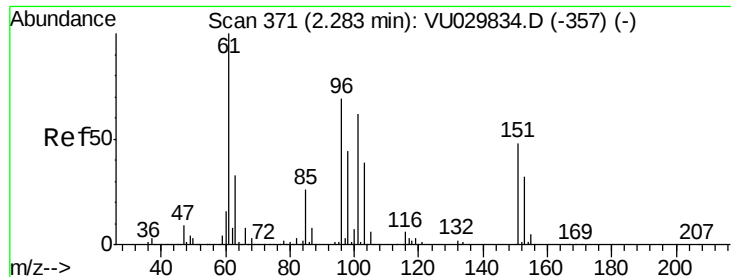


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.786 ug/l
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	171682		
85	41.7	33.4	33.4	50.0
151	80.8	64.6	64.6	97.0





#9

1,1-Dichloroethene

Concen: 9.741 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

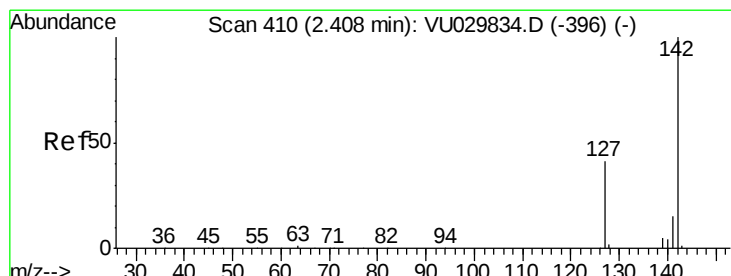
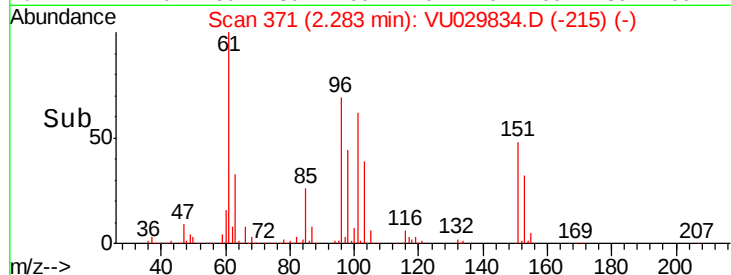
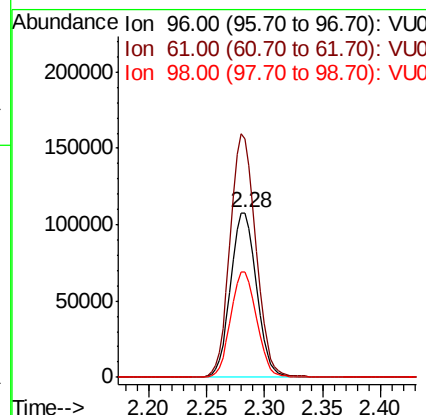
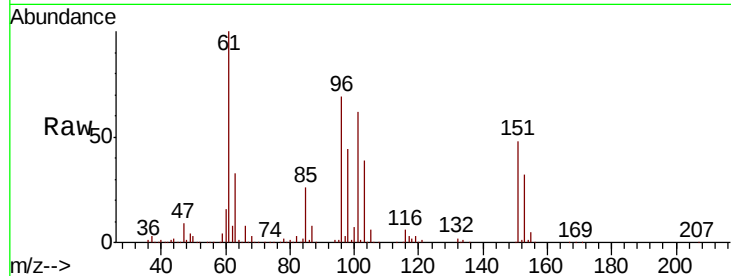
ClientSampleId :

VSTDICCC010

Tgt Ion:	96	Resp:	167266
Ion Ratio	Lower	Upper	
96	100		
61	145.1	0.0	435.3
98	64.3	0.0	128.6

Manual Integrations
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#10

Iodomethane

Concen: 12.797 ug/l

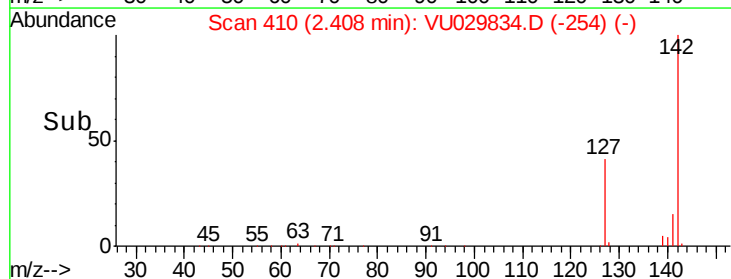
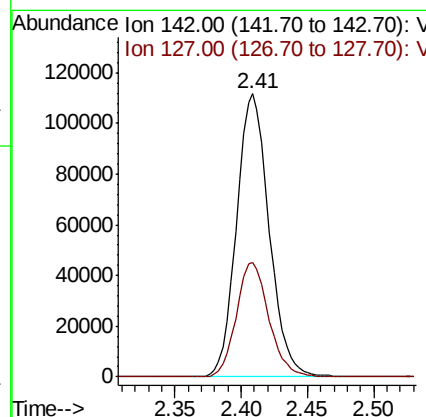
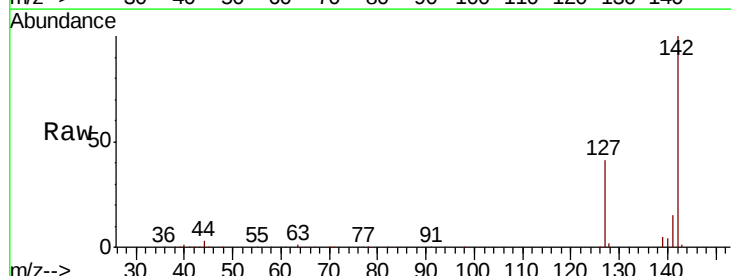
RT: 2.41 min Scan# 410

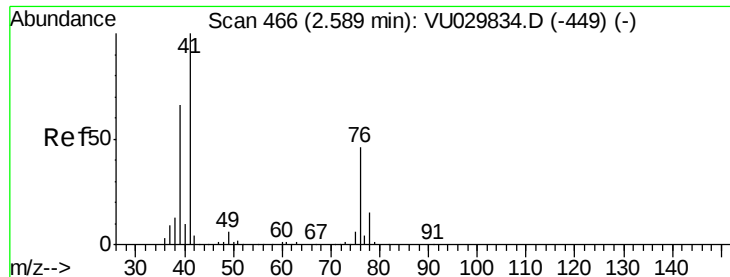
Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Tgt Ion:	142	Resp:	190516
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.3	48.5





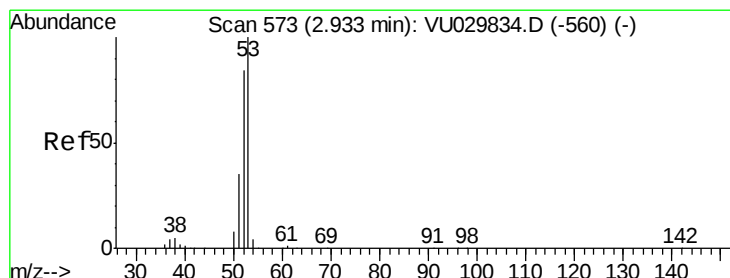
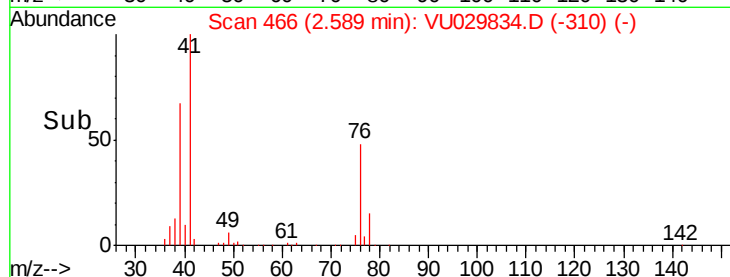
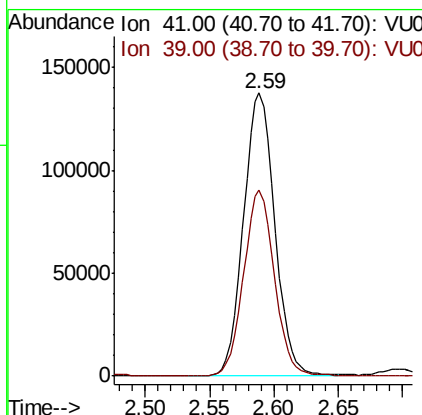
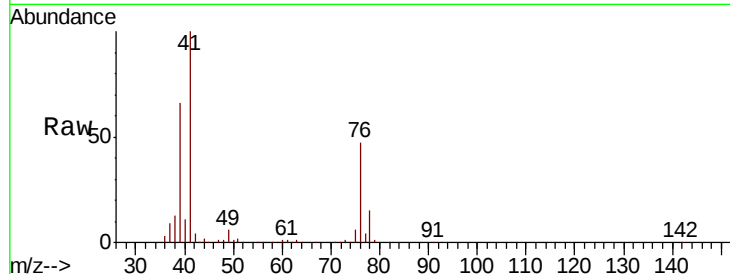
#11
 Allyl Chloride
 Concen: 9.612 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 232031
 Ion Ratio Lower Upper
 41 100
 39 64.5 51.6 77.4

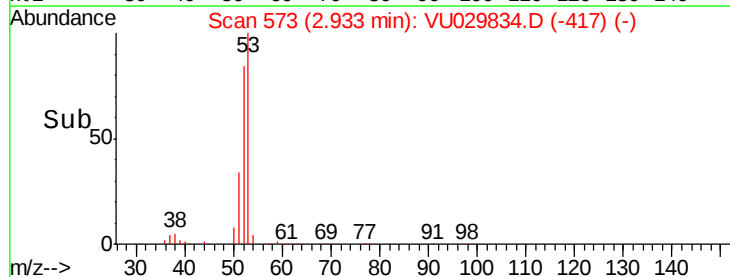
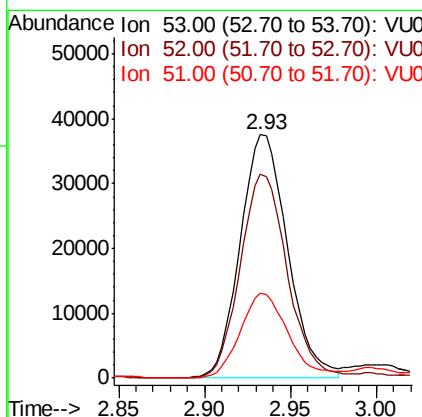
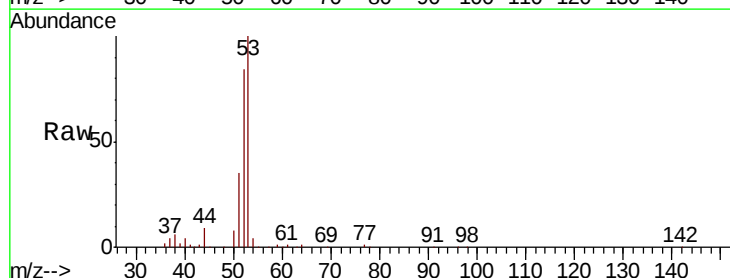
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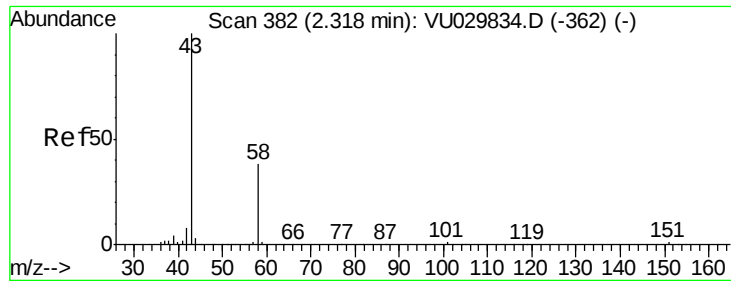
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#12
 Acrylonitrile
 Concen: 19.203 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion: 53 Resp: 71899
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.5 99.7
 51 35.7 28.6 42.8





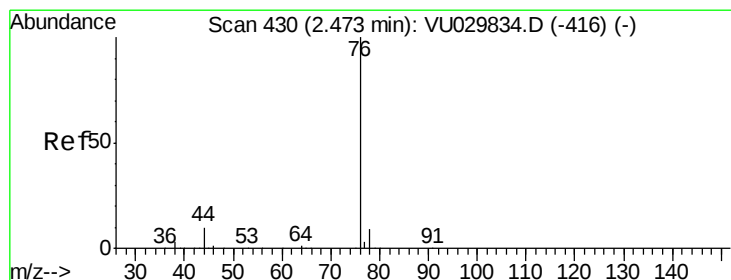
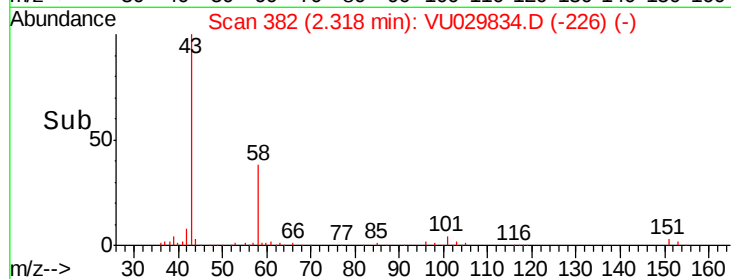
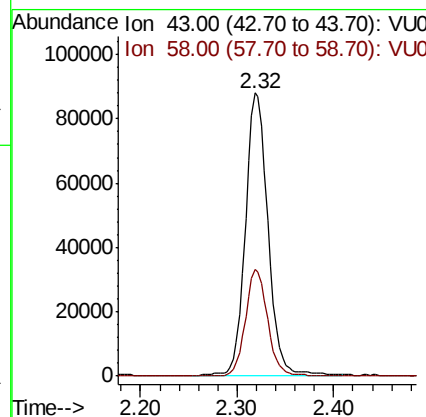
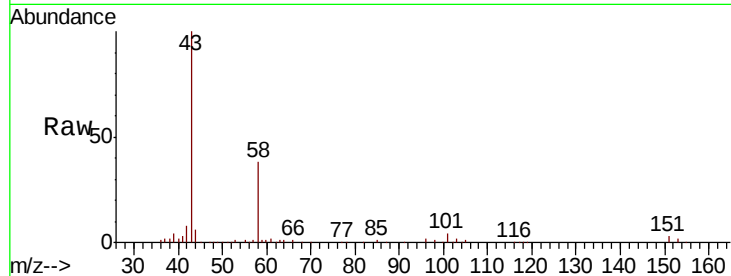
#13
Acetone
Concen: 45.983 ug/l
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 142595
Ion Ratio Lower Upper
43 100
58 37.7 30.2 45.2

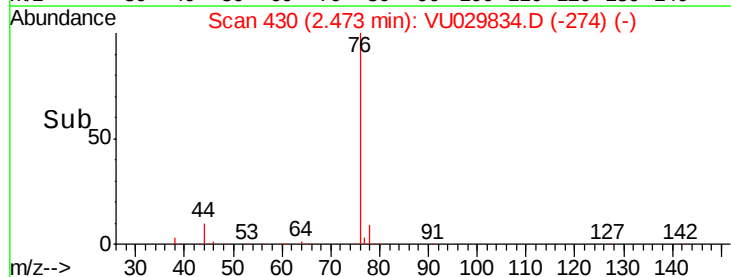
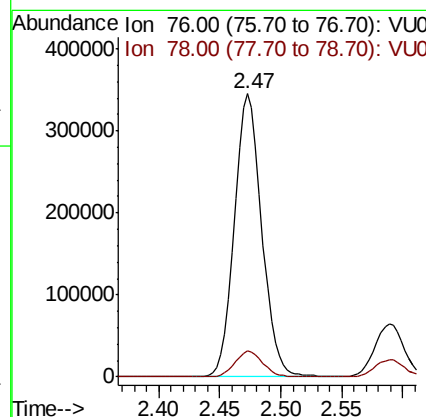
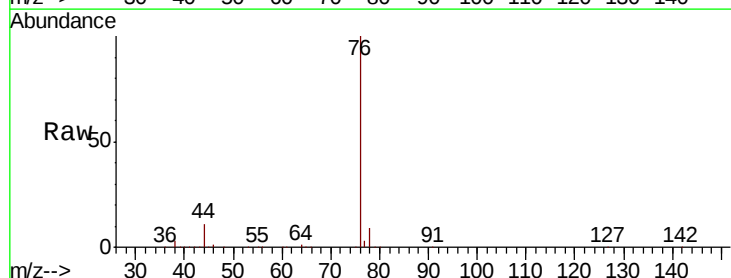
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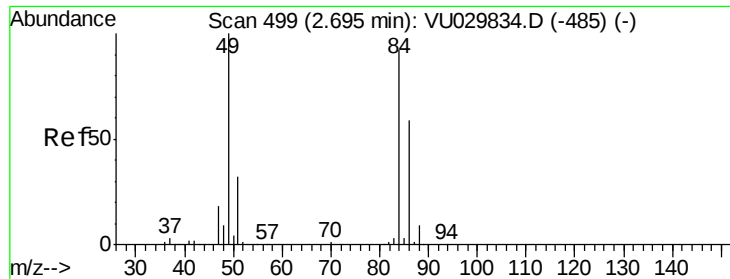
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#14
Carbon Disulfide
Concen: 9.717 ug/l
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion: 76 Resp: 540355
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





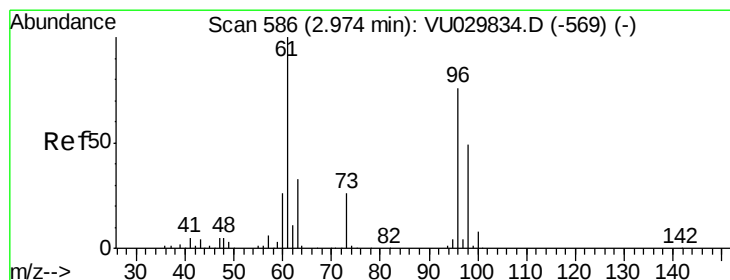
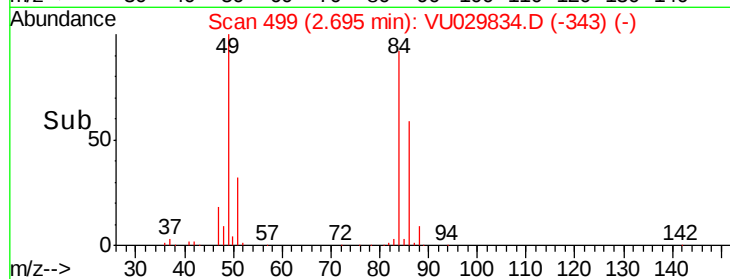
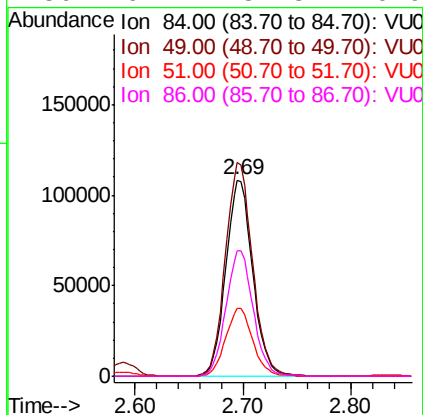
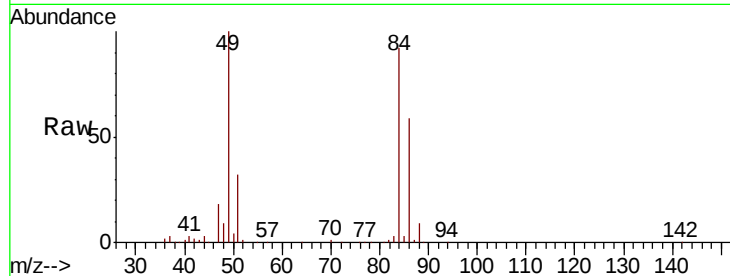
#15
Methylene Chloride
Concen: 9.124 ug/l
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.0	87.2	130.8
51	34.5	0.0	69.0
86	64.1	51.3	76.9

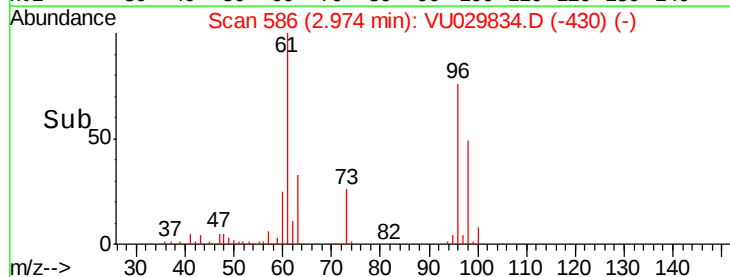
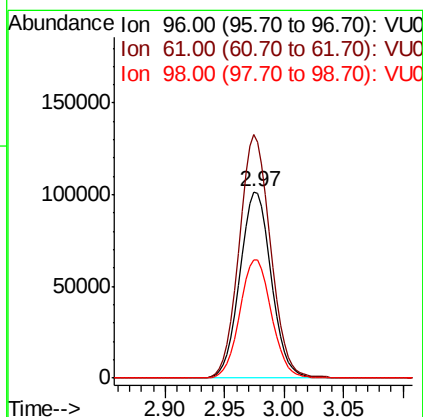
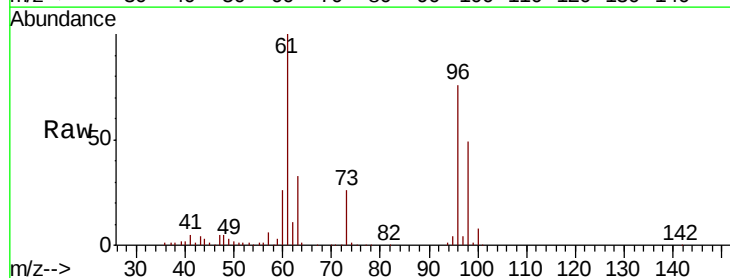
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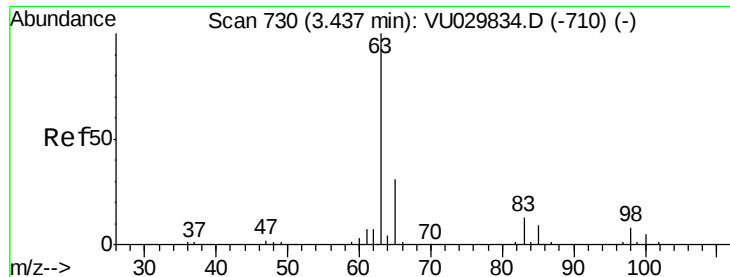
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#16
trans-1,2-Dichloroethene
Concen: 9.605 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	104.7	157.1
98	63.6	50.9	76.3





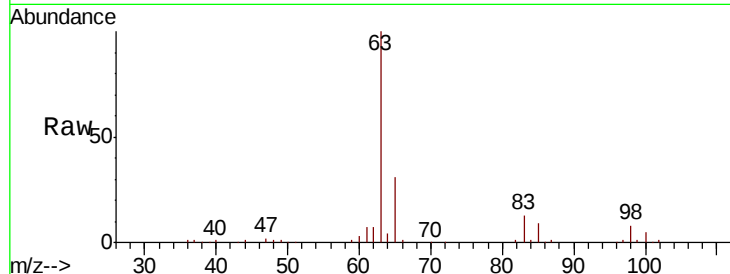
#17
 1,1-Dichloroethane
 Concen: 9.537 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

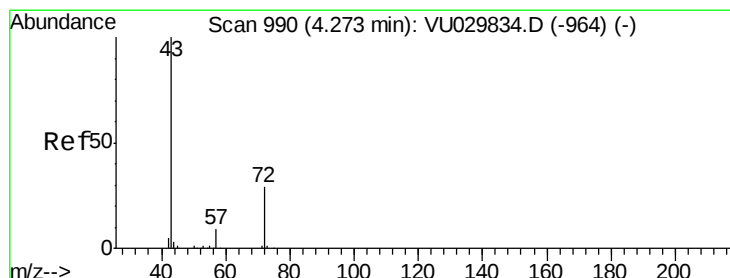
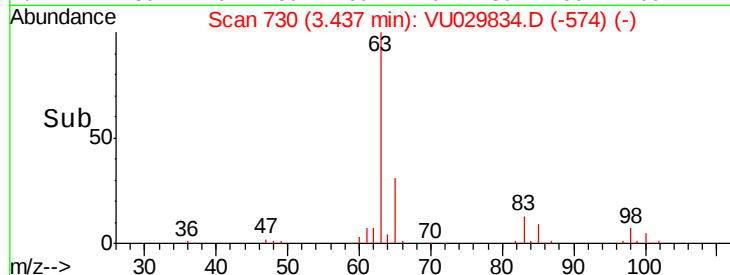
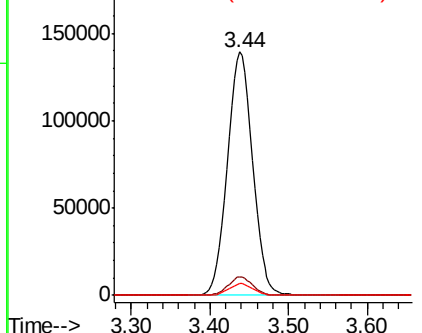
Tgt Ion	Ratio	Resp	Lower	Upper
63	100	309531		
98	7.6		3.8	11.4
100	4.7		2.4	7.1

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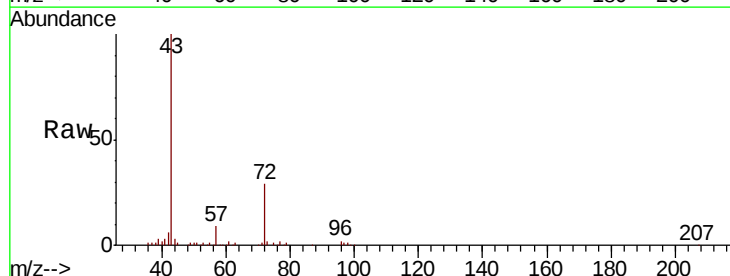


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

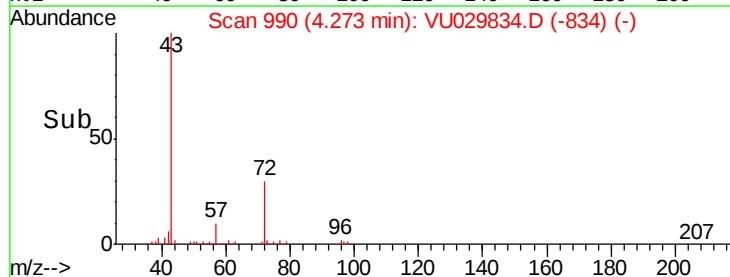
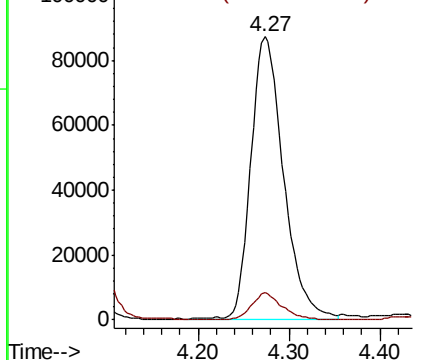


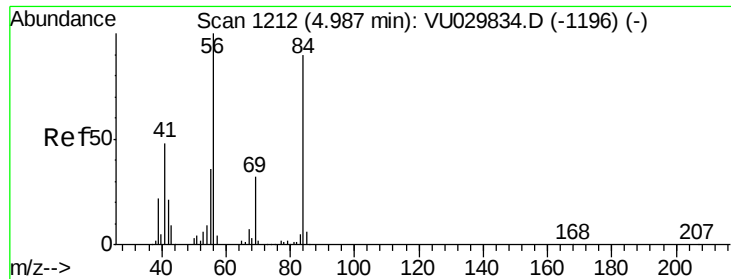
#18
 2-Butanone
 Concen: 51.288 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	216145		
57	9.3		0.0	18.6



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





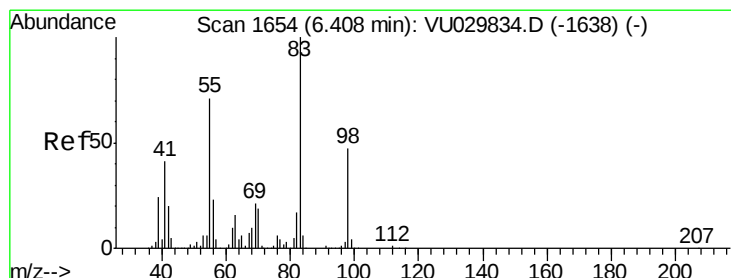
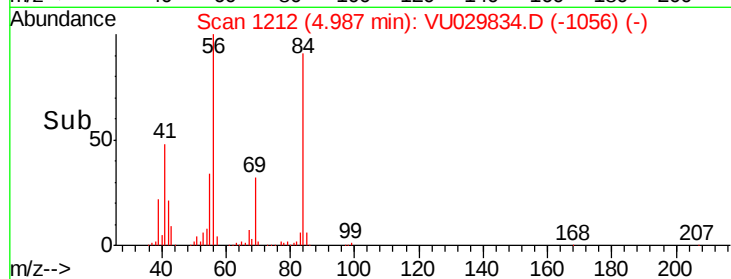
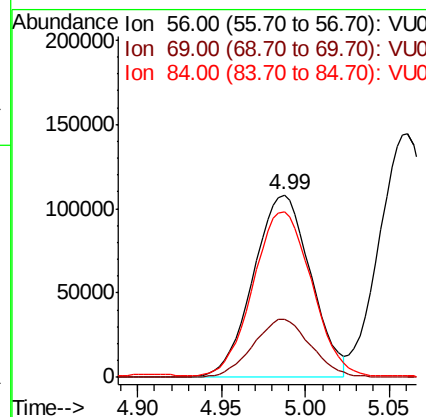
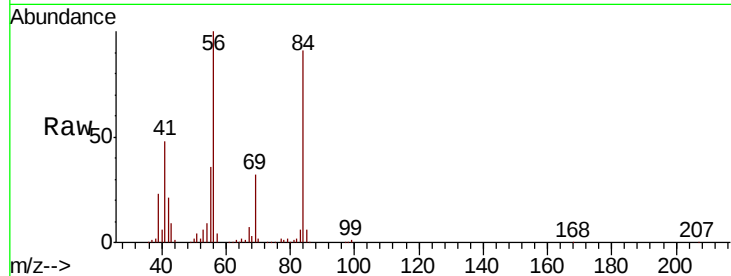
#19
Cyclohexane
Concen: 10.452 ug/l m
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.9	29.4	44.2
84	91.8	84.6	127.0

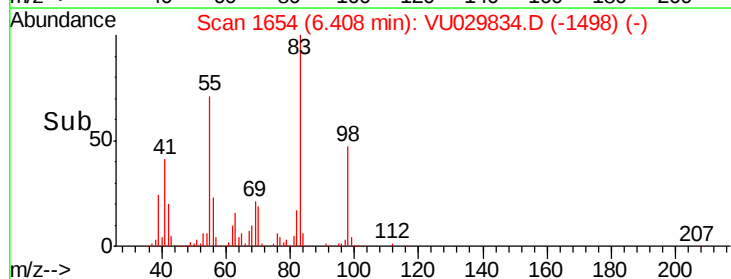
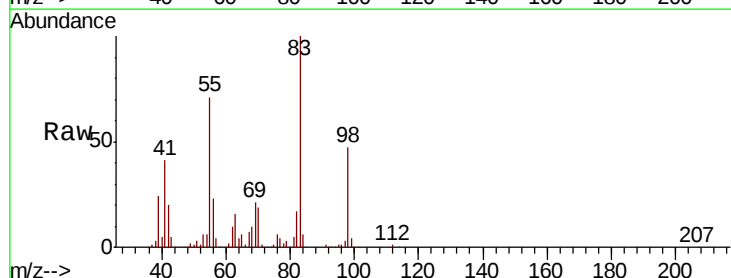
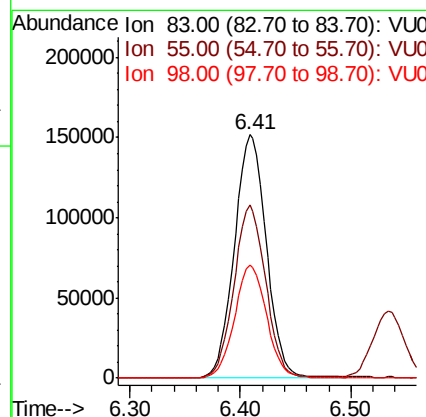
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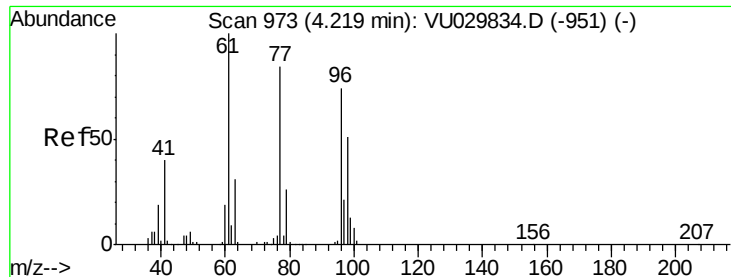
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#20
Methylcyclohexane
Concen: 10.357 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.9	55.9	83.9
98	46.2	37.0	55.4





#21

2,2-Dichloropropane

Concen: 9.625 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

Tgt Ion: 77 Resp: 255343

Ion Ratio Lower Upper

77 100

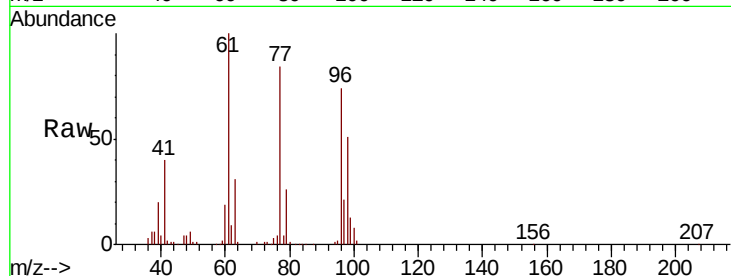
97 25.2 20.2 30.2

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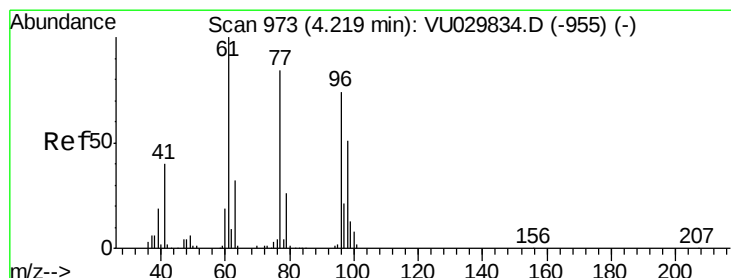
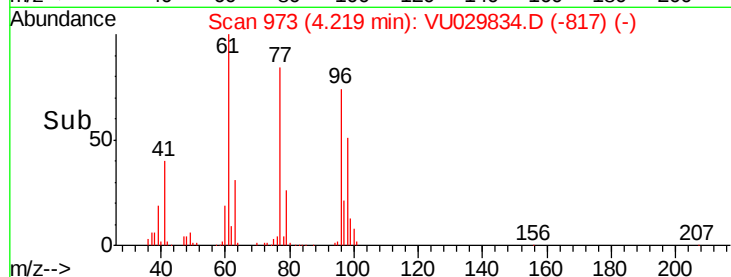
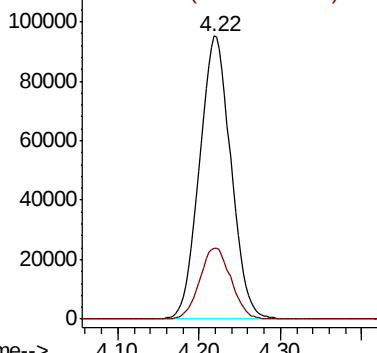
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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 9.857 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

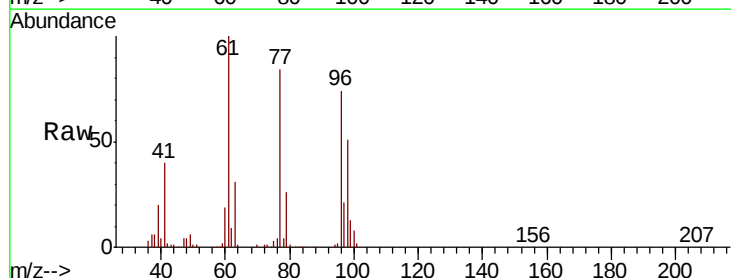
Tgt Ion: 96 Resp: 202649

Ion Ratio Lower Upper

96 100

61 135.6 0.0 339.0

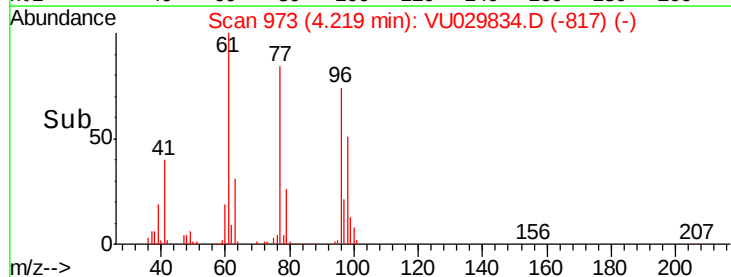
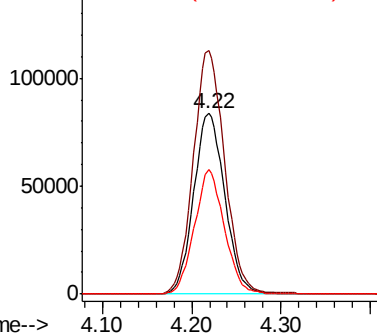
98 66.3 33.1 99.5

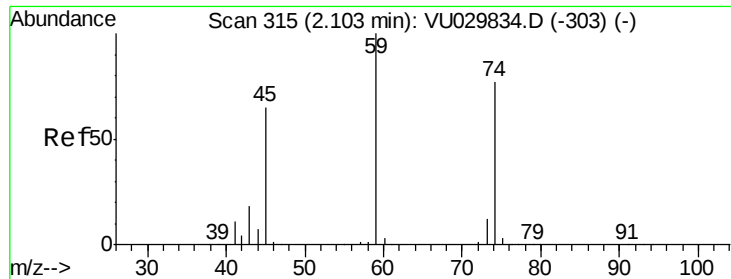


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





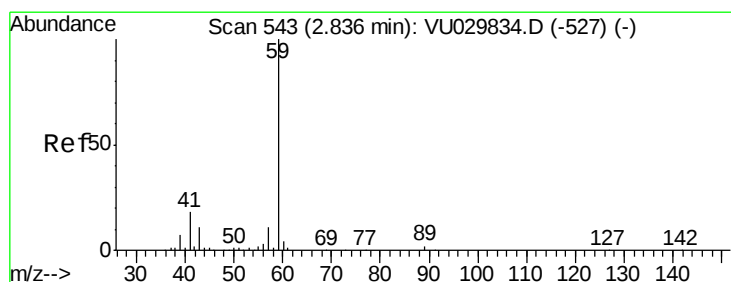
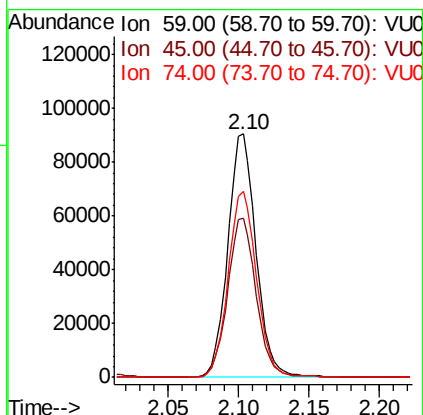
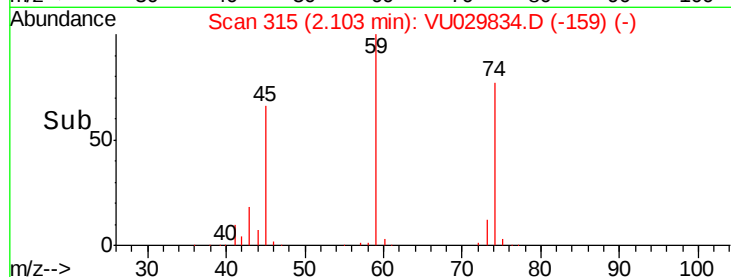
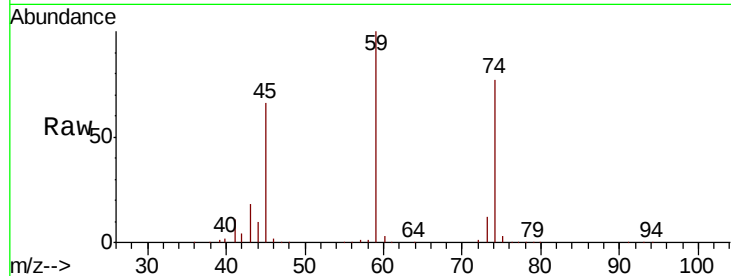
#23
Diethyl Ether
Concen: 9.835 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
59	100		
45	65.9	52.7	79.1
74	77.2	61.8	92.6

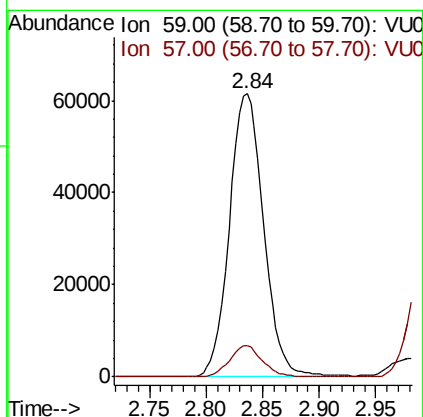
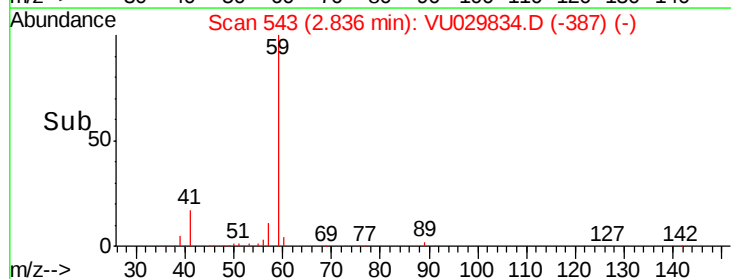
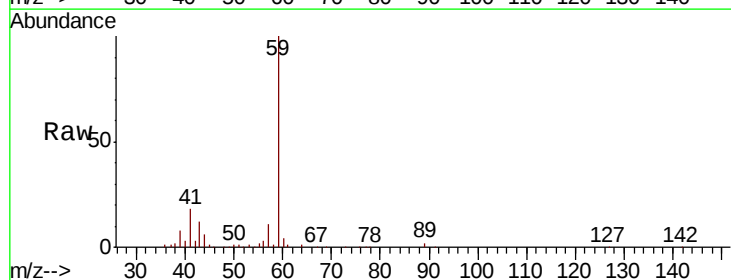
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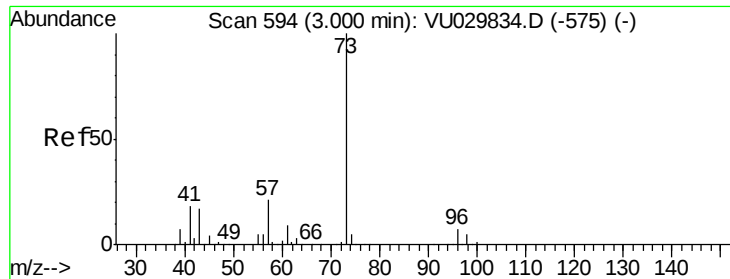
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#24
tert-Butyl Alcohol
Concen: 97.555 ug/l
RT: 2.84 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7





#25

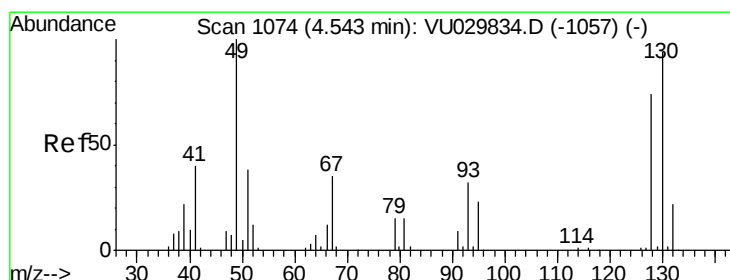
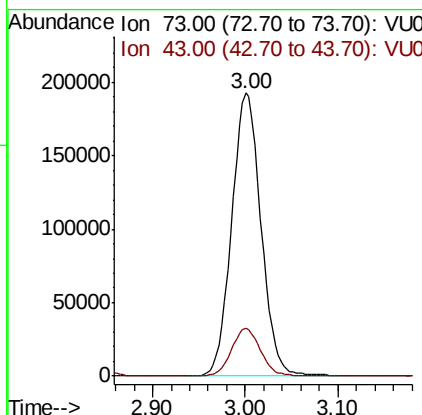
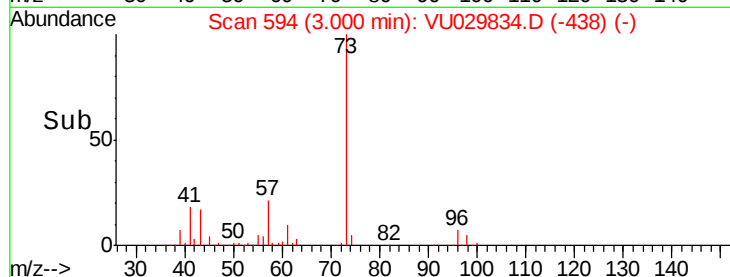
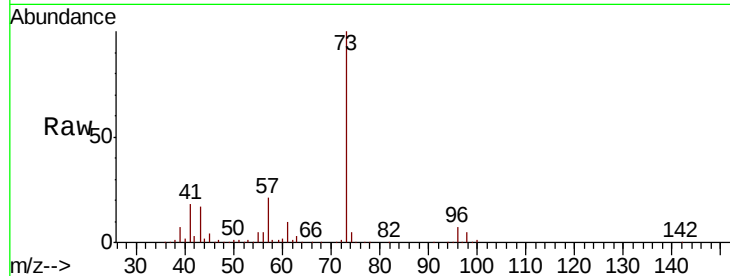
Methyl tert-Butyl Ether
Concen: 9.754 ug/l
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
73	100		
43	16.4	13.1	19.7

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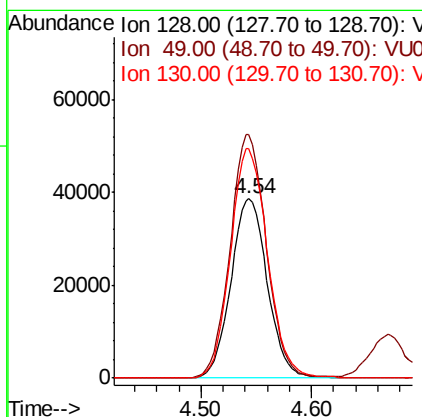
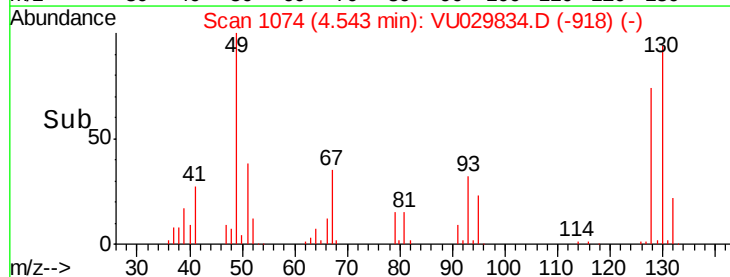
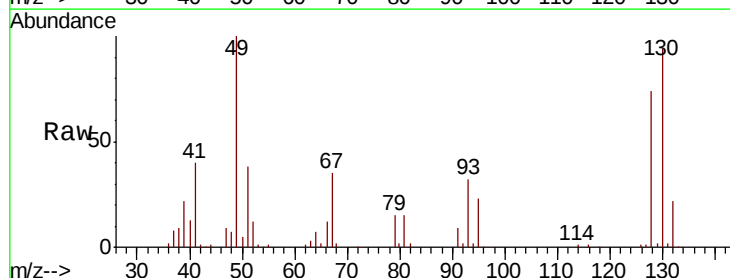
MMDadoda
3/11/2019 4:50:13 PM

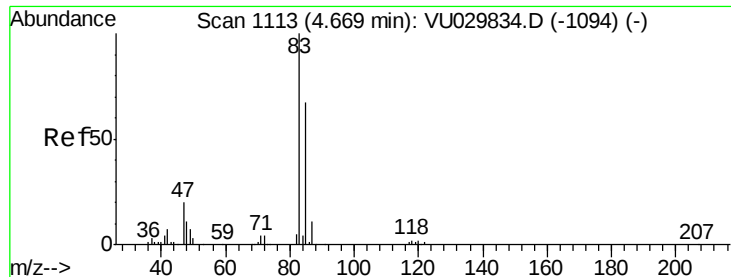


#26

Bromochloromethane
Concen: 9.694 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
128	100		
49	135.3	0.0	270.6
130	130.3	104.2	156.4





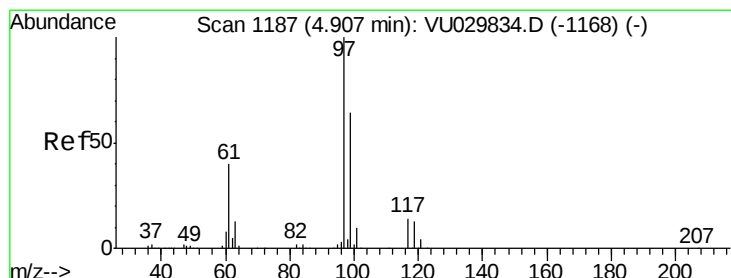
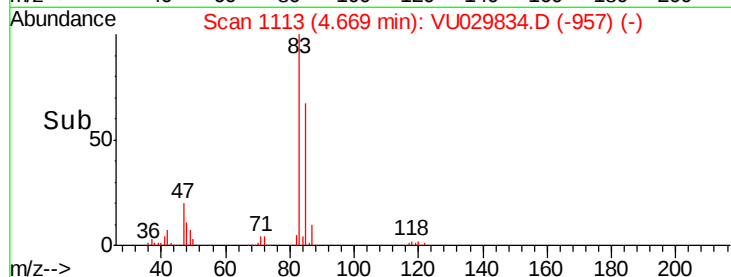
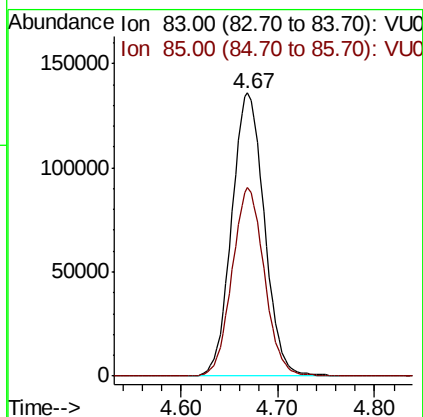
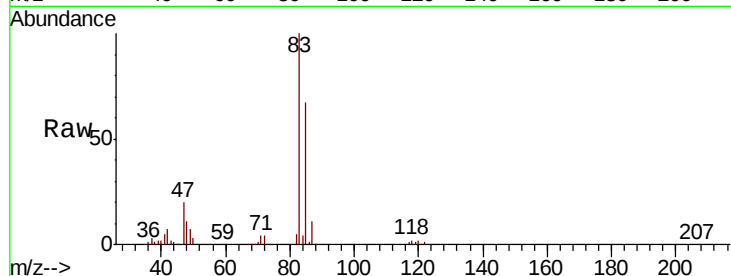
#27
Chloroform
Concen: 9.672 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	317877		
85	66.6	0.0	133.2	

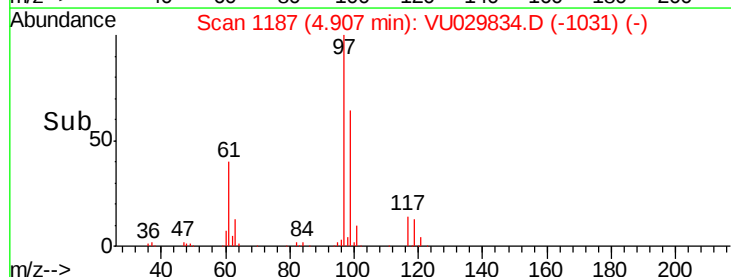
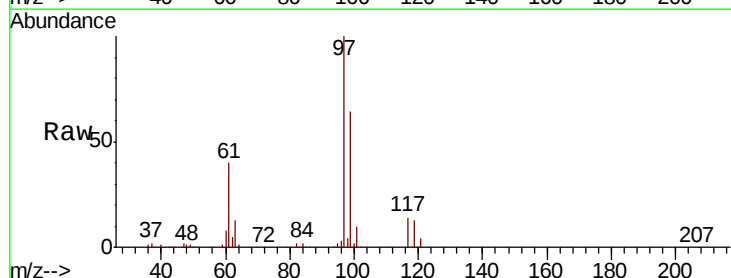
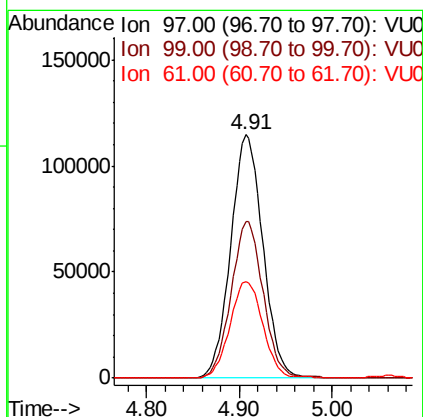
Manual Integrations
APPROVED

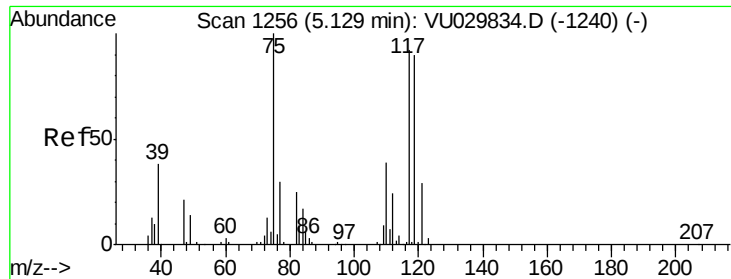
MMDadoda
3/11/2019 4:50:13 PM



#28
1,1,1-Trichloroethane
Concen: 9.919 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	276406		
99	63.9	31.9	95.9	
61	40.9	20.4	61.3	





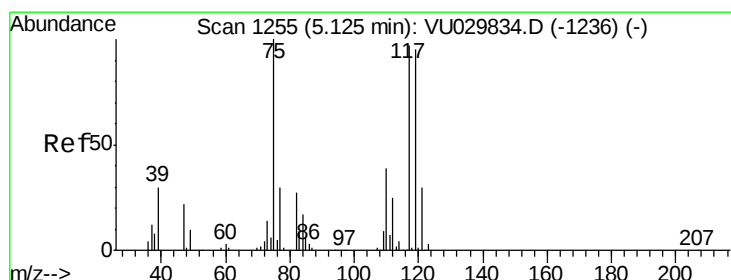
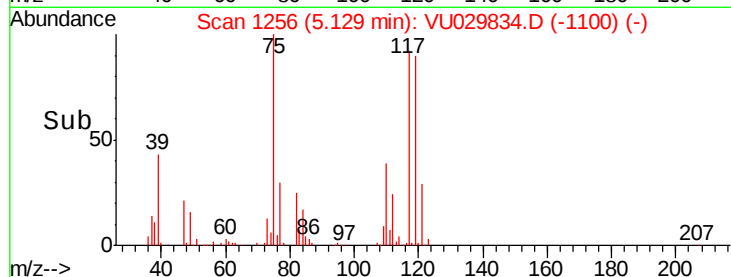
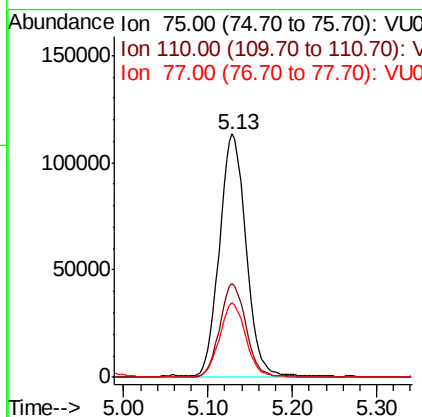
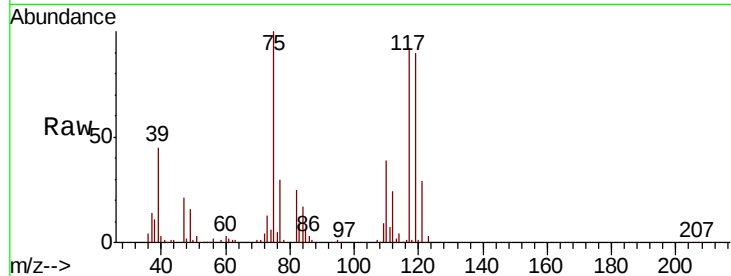
#29
 1,1-Dichloropropene
 Concen: 9.980 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	247140		
110	38.3	19.1	57.5	
77	29.9	23.9	35.9	

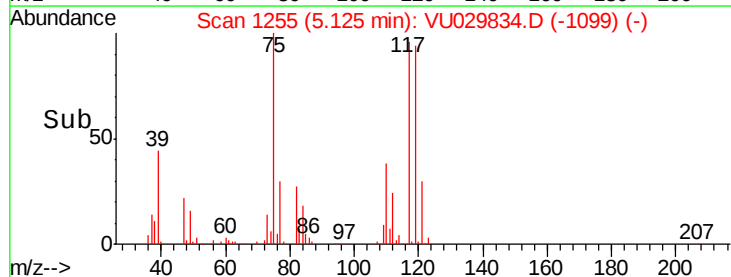
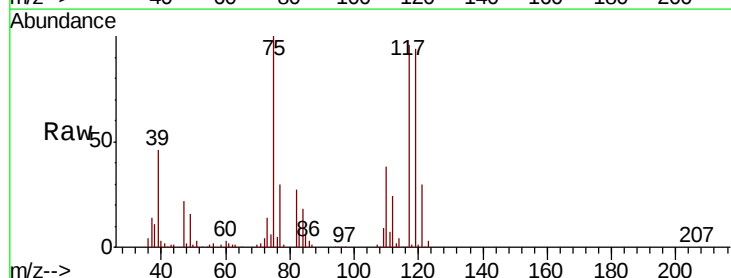
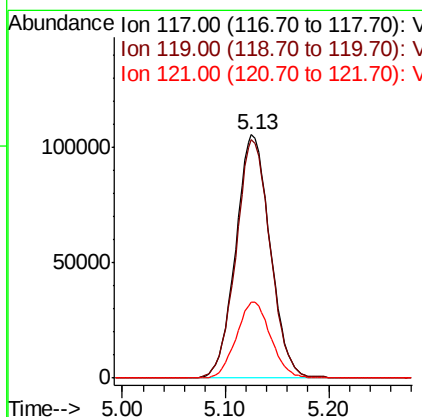
Manual Integrations
 APPROVED

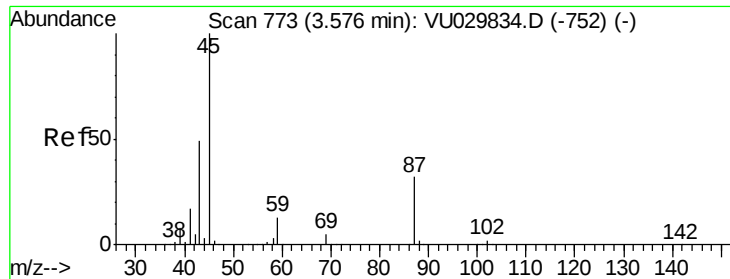
MMDadoda
 3/11/2019 4:50:13 PM



#30
 Carbon Tetrachloride
 Concen: 10.080 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	245048		
119	98.0	78.4	117.6	
121	31.2	25.0	37.4	





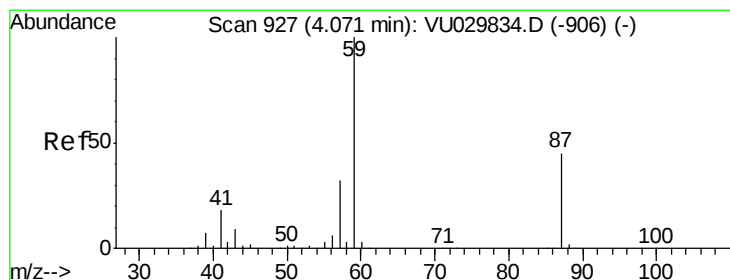
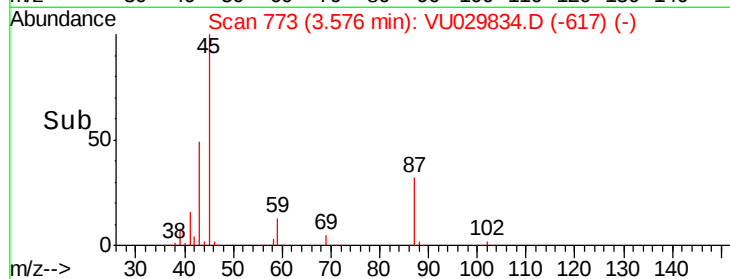
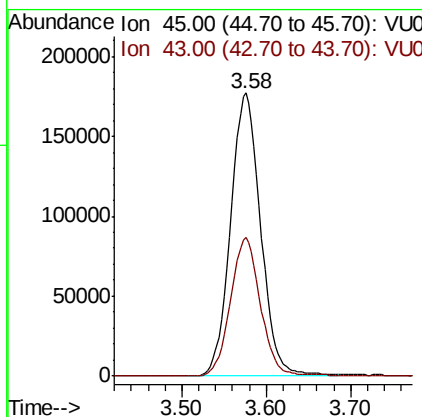
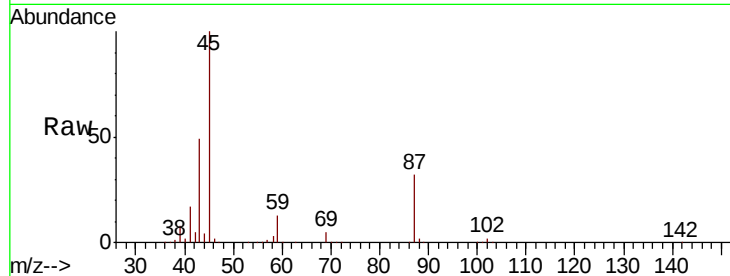
#31
Isopropyl Ether
Concen: 9.817 ug/l
RT: 3.58 min Scan# 773
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 439455
Ion Ratio Lower Upper
45 100
43 48.6 24.3 72.9

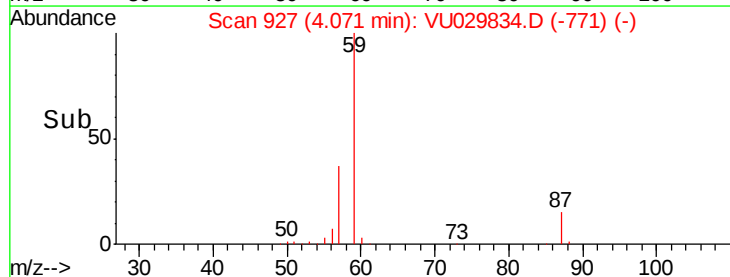
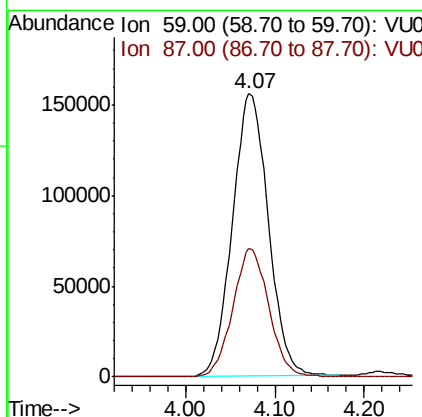
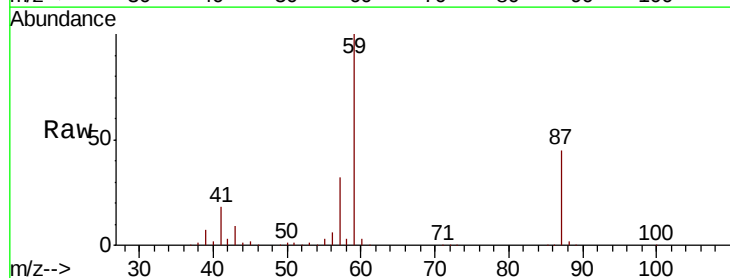
Manual Integrations
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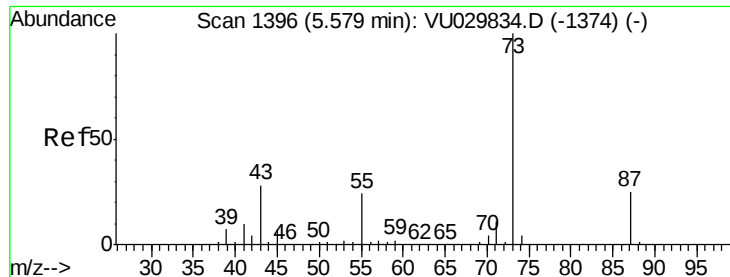
MMDadoda
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#32
Ethyl-t-butyl ether
Concen: 10.027 ug/l
RT: 4.07 min Scan# 927
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion: 59 Resp: 436310
Ion Ratio Lower Upper
59 100
87 45.3 36.2 54.4





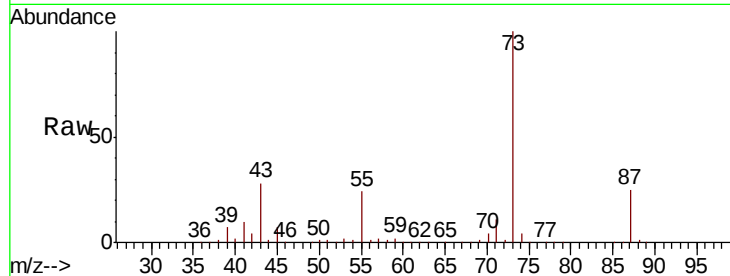
#33
Tert-Amyl methyl ether
Concen: 10.211 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.6	19.7	29.5
71	11.8	9.4	14.2

Manual Integrations
APPROVED

MMDadoda
3/11/2019 4:50:13 PM

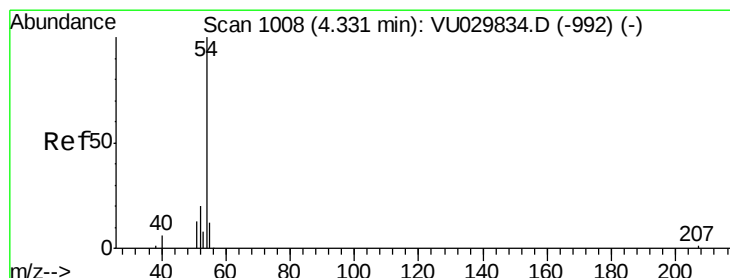
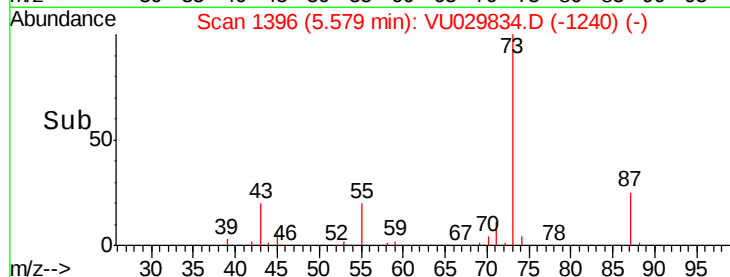
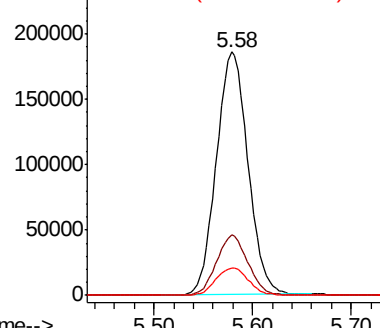


Abundance

Ion 73.00 (72.70 to 73.70): VU029834.D (-1374) (-)

Ion 87.00 (86.70 to 87.70): VU029834.D (-1374) (-)

Ion 71.00 (70.70 to 71.70): VU029834.D (-1374) (-)



#34
Propionitrile
Concen: 53.476 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.1	16.1	24.1
55	14.0	11.2	16.8
40	5.9	4.7	7.1

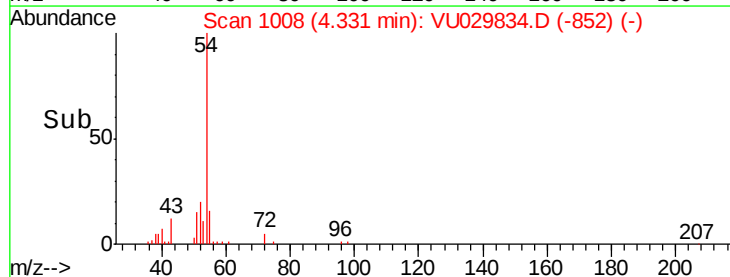
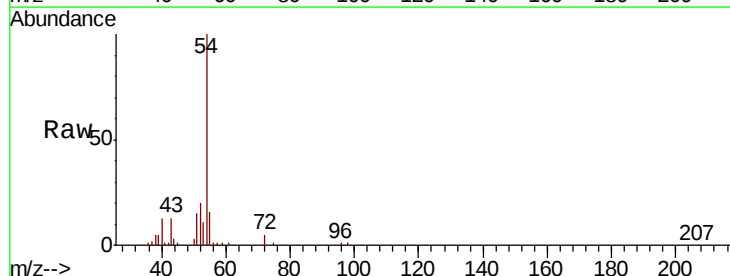
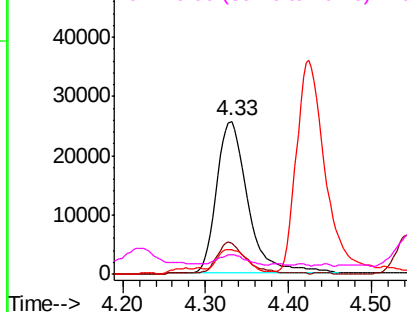
Abundance

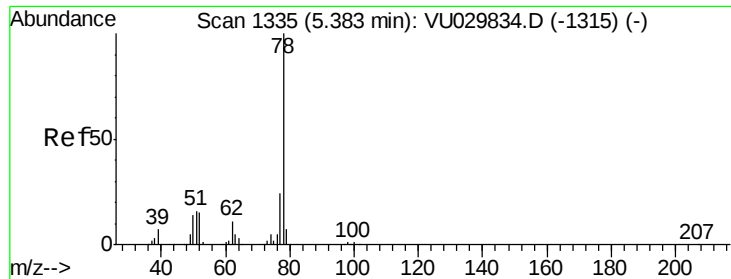
Ion 54.00 (53.70 to 54.70): VU029834.D (-992) (-)

Ion 52.00 (51.70 to 52.70): VU029834.D (-992) (-)

Ion 55.00 (54.70 to 55.70): VU029834.D (-992) (-)

Ion 40.00 (39.70 to 40.70): VU029834.D (-992) (-)





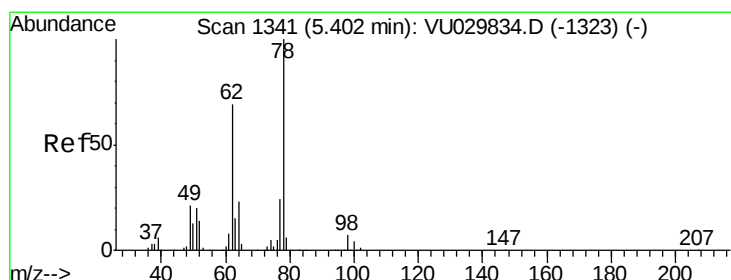
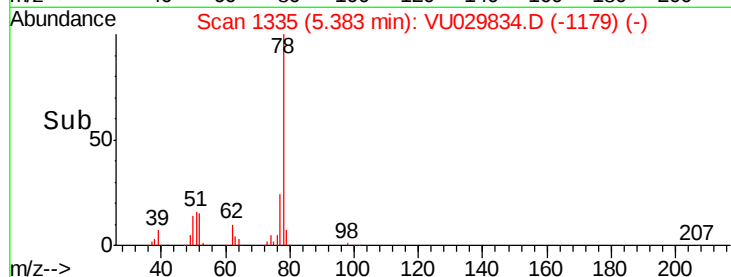
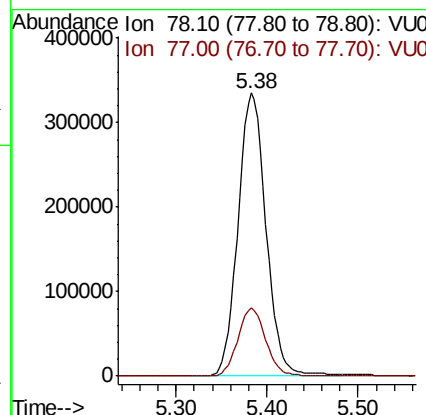
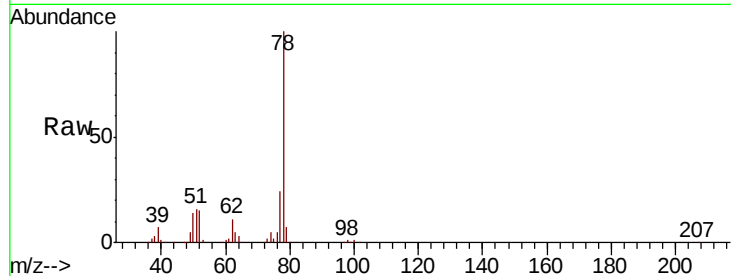
#35
Benzene
Concen: 9.832 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 717246
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

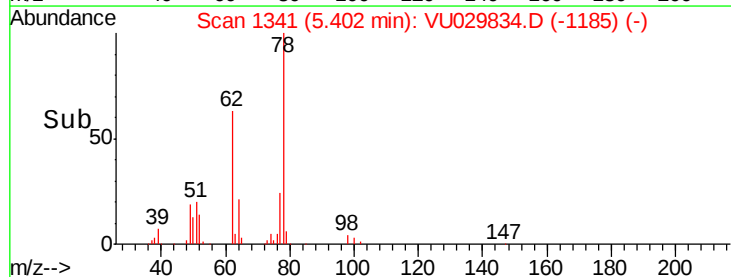
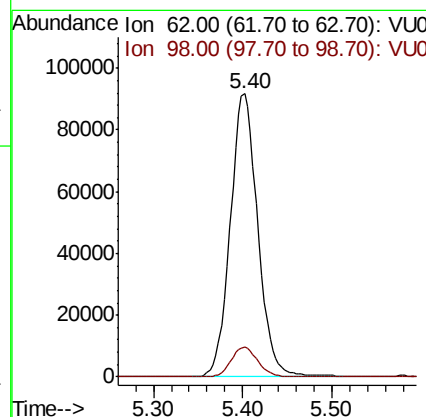
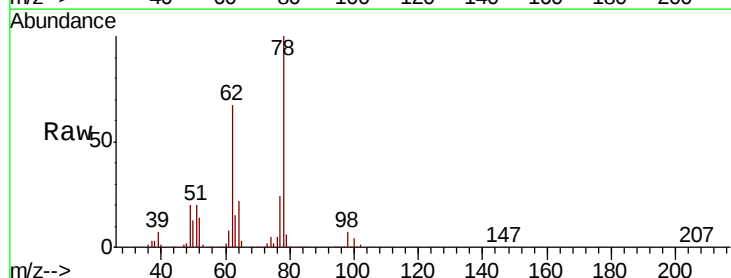
Manual Integrations
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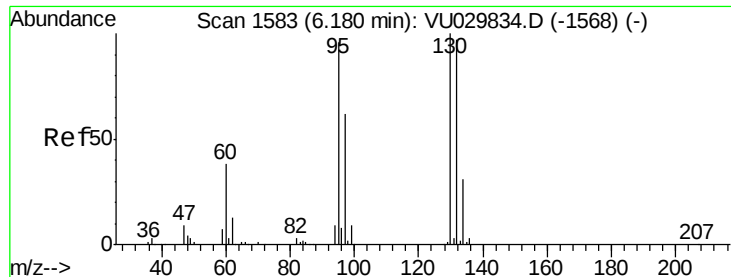
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#36
1,2-Dichloroethane
Concen: 9.831 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion: 62 Resp: 195872
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.2





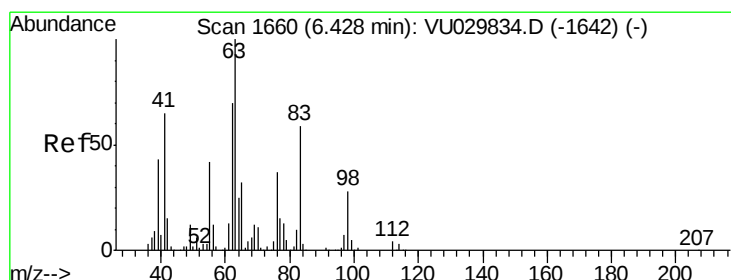
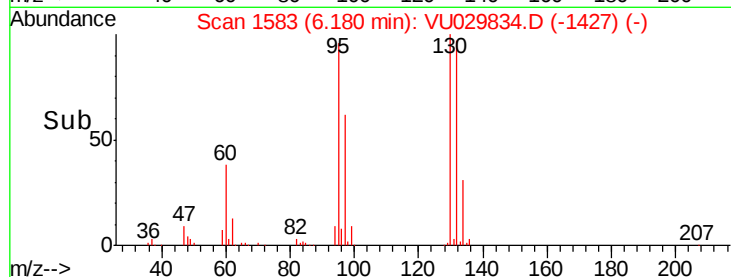
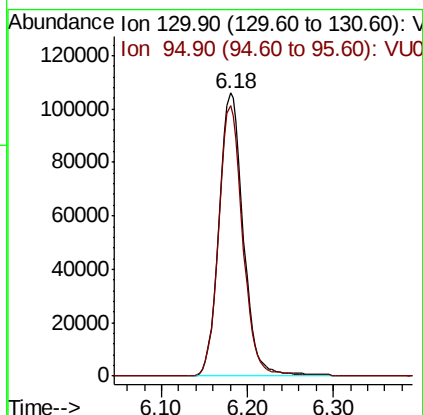
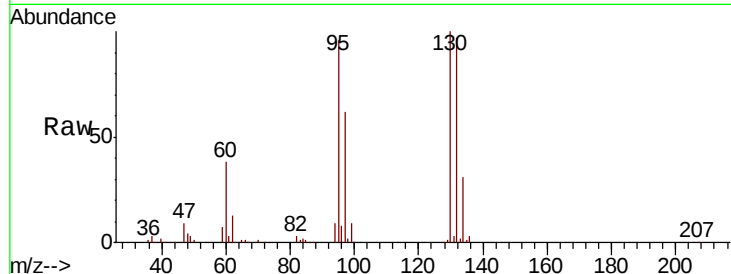
#37
 Trichloroethene
 Concen: 9.803 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 130 Resp: 208777
 Ion Ratio Lower Upper
 130 100
 95 95.7 76.6 114.8

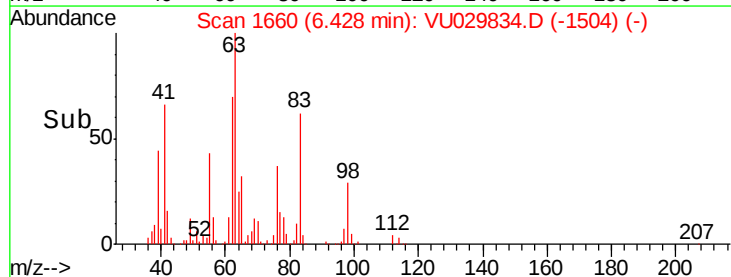
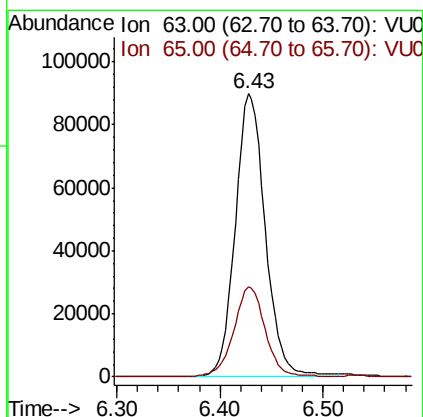
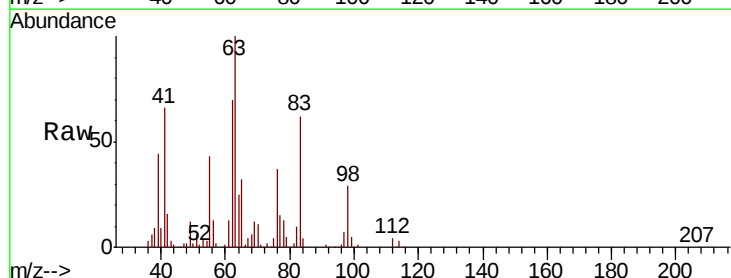
Manual Integrations
 APPROVED

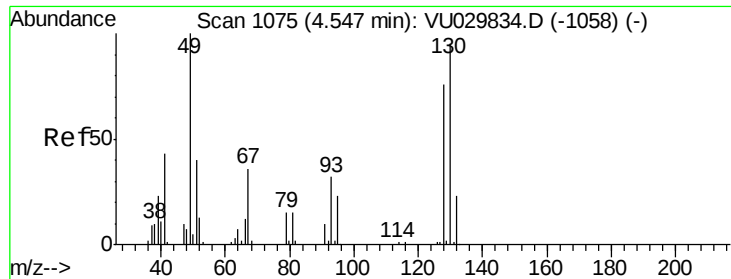
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 3/11/2019 4:50:13 PM



#38
 1,2-Dichloropropane
 Concen: 9.888 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion: 63 Resp: 182575
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2





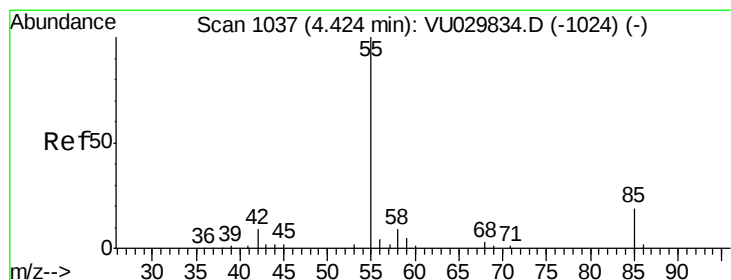
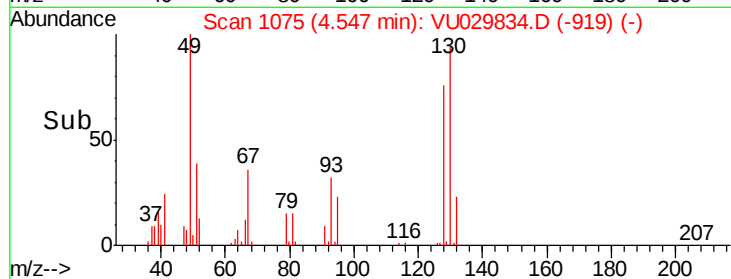
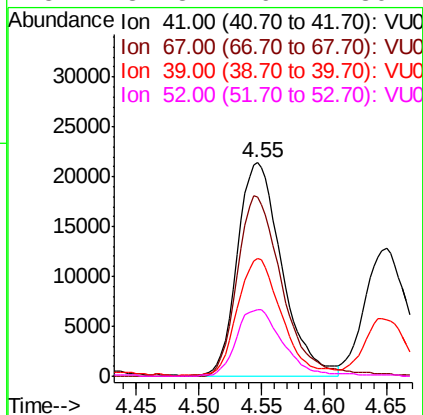
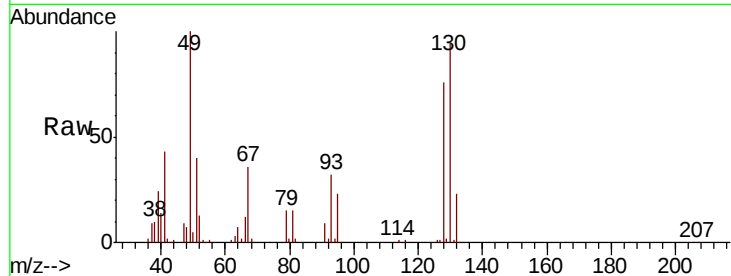
#39
Methacrylonitrile
Concen: 10.031 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
41	100		
67	85.5	68.4	102.6
39	53.2	42.6	63.8
52	32.8	26.2	39.4

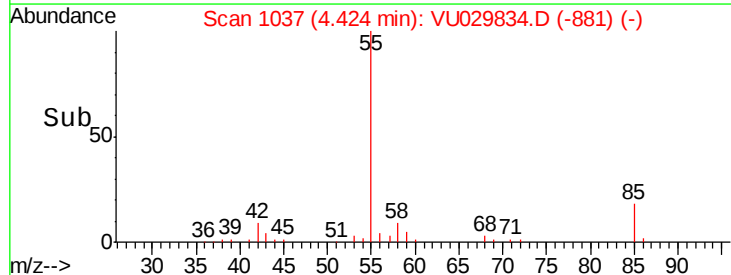
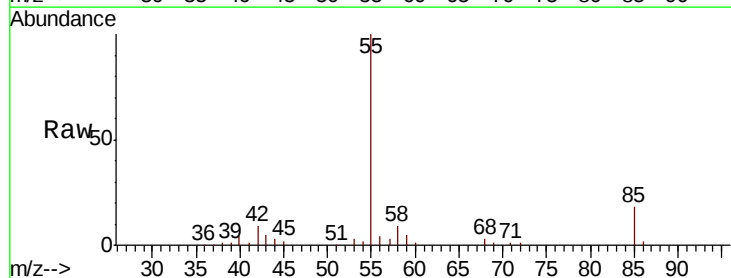
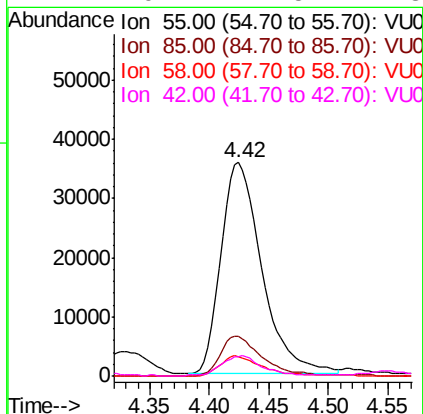
Manual Integrations
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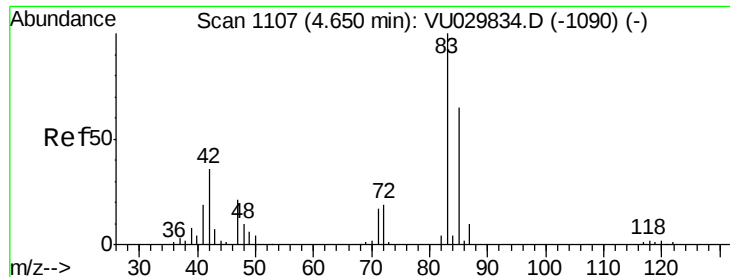
MMDadoda
3/11/2019 4:50:13 PM



#40
Methyl acrylate
Concen: 10.200 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
55	100		
85	19.0	15.2	22.8
58	9.5	7.6	11.4
42	9.4	7.5	11.3





#41

Tetrahydrofuran

Concen: 19.196 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

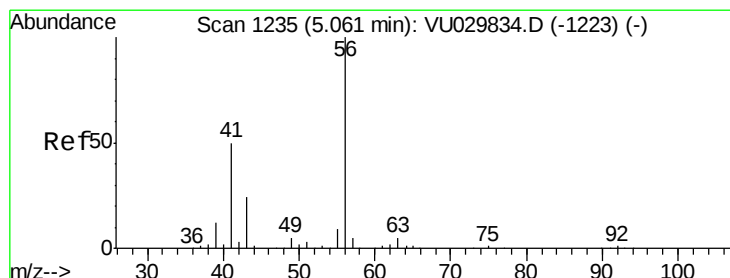
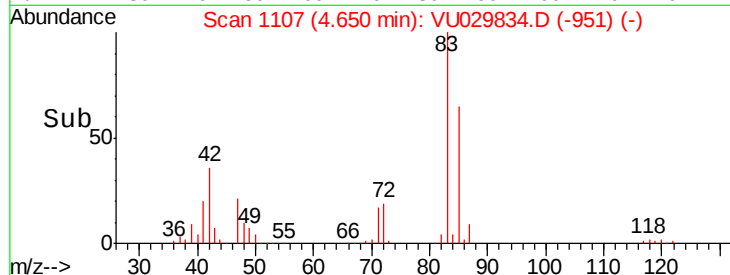
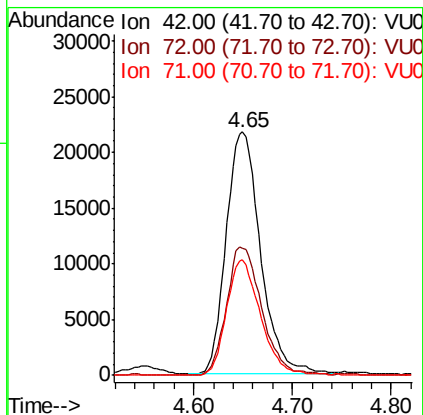
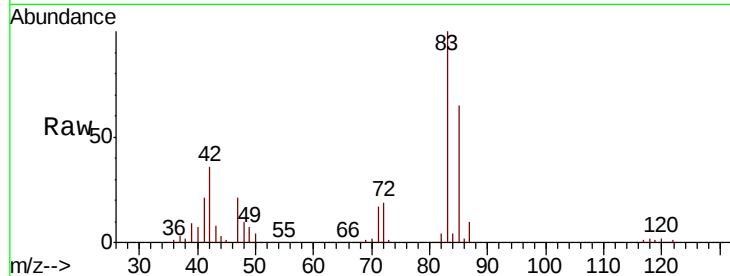
ClientSampleId :

VSTDICCC010

Tgt Ion:	42	Resp:	52946
Ion	Ratio	Lower	Upper
42	100		
72	54.5	43.6	65.4
71	46.9	37.5	56.3

Manual Integrations
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3/11/2019 4:50:13 PM



#42

1-Chlorobutane

Concen: 10.071 ug/l

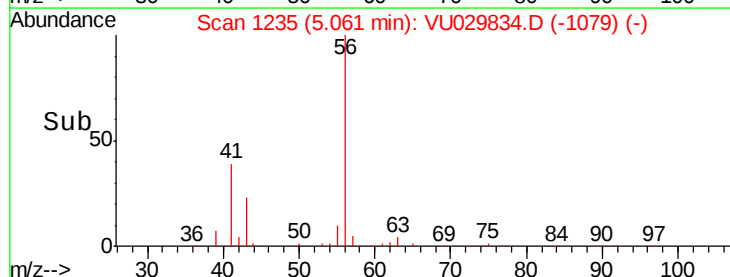
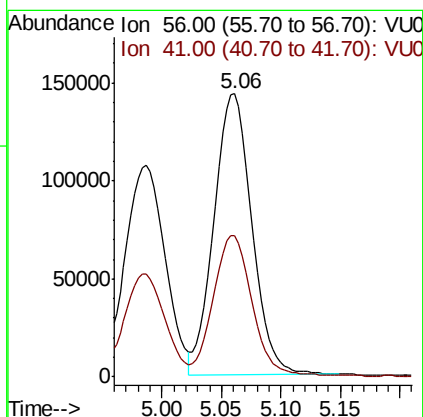
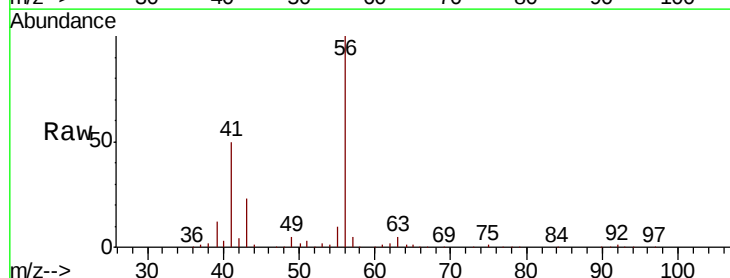
RT: 5.06 min Scan# 1235

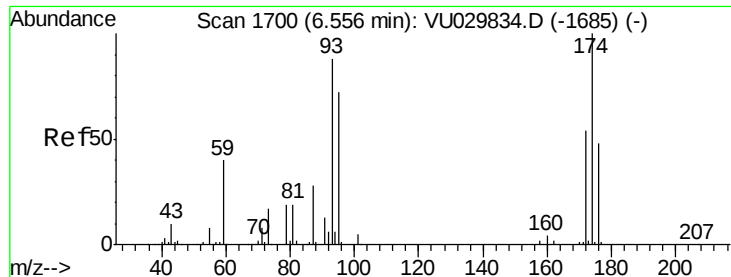
Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Tgt Ion:	56	Resp:	318610
Ion	Ratio	Lower	Upper
56	100		
41	50.0	25.0	75.0





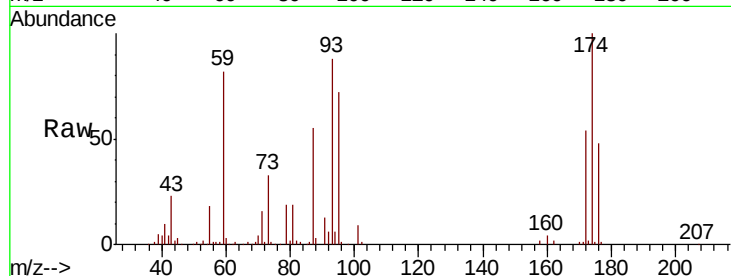
#43
Dibromomethane
Concen: 10.024 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

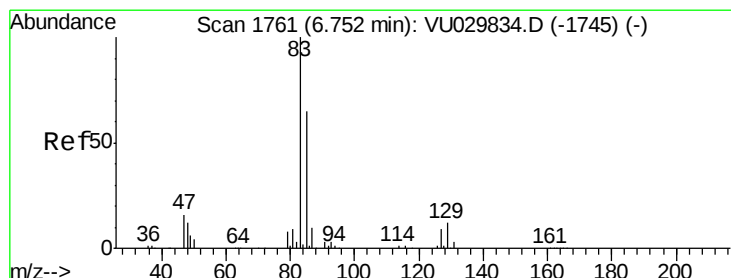
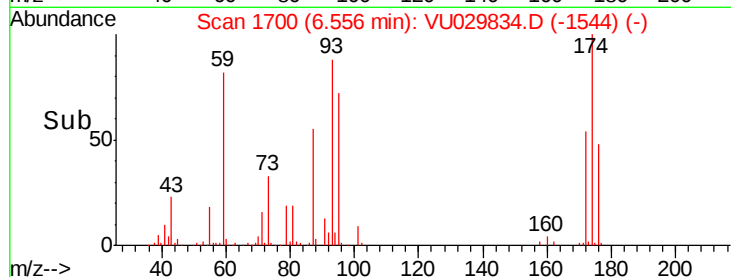
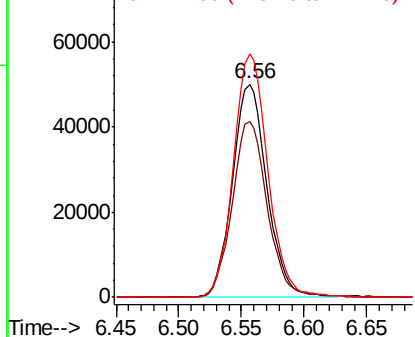
Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.6
174	114.3	91.4	137.2

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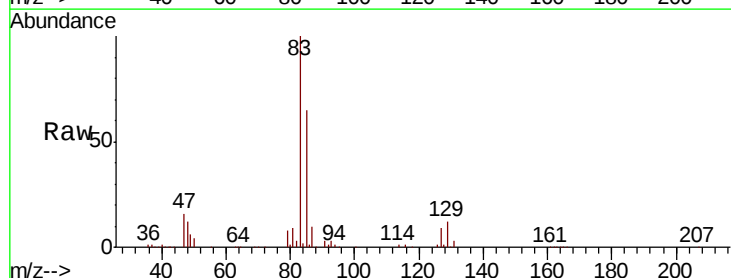


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

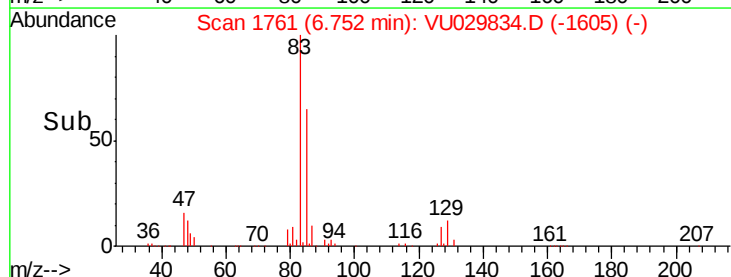
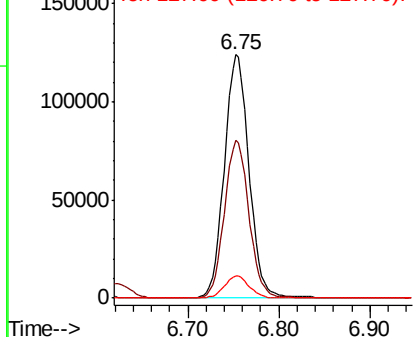


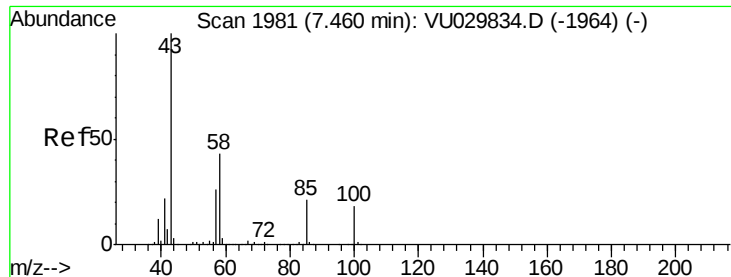
#44
Bromodichloromethane
Concen: 9.931 ug/l
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5
127	9.3	7.4	11.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





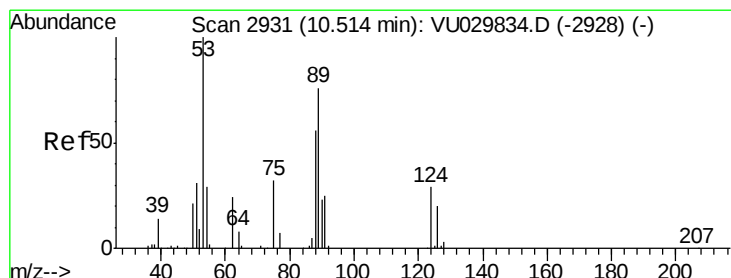
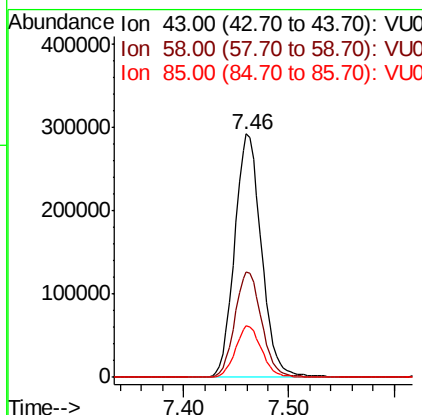
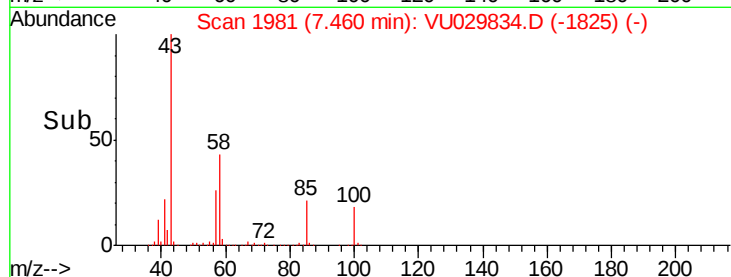
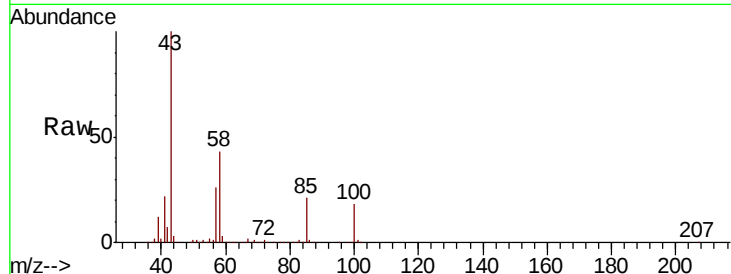
#45
 4-Methyl-2-Pentanone
 Concen: 51.664 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.3	21.6	65.0
85	20.6	16.5	24.7

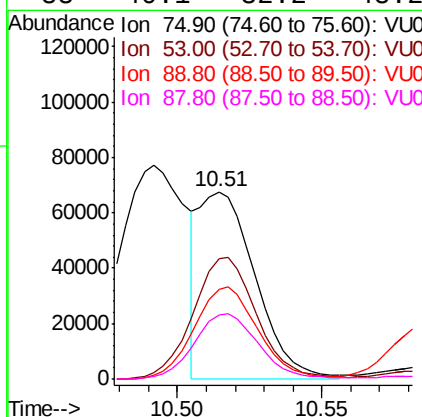
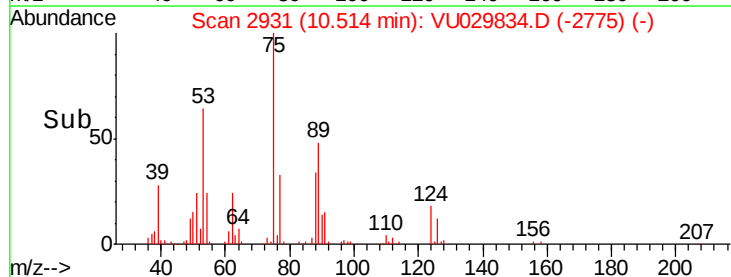
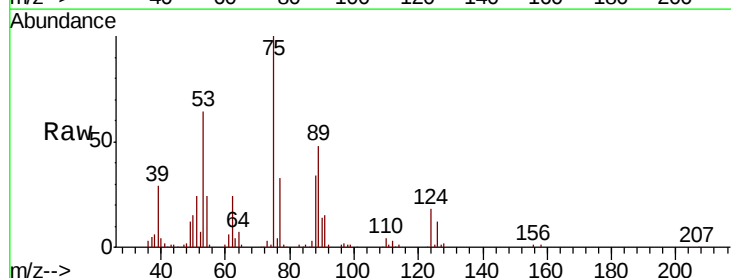
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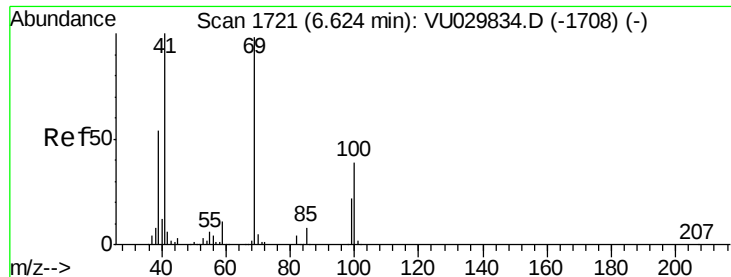
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#46
 t-1,4-Dichloro-2-butene
 Concen: 21.035 ug/l m
 RT: 10.51 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
53	73.8	59.2	88.8
89	55.9	44.9	67.3
88	40.1	32.2	48.2





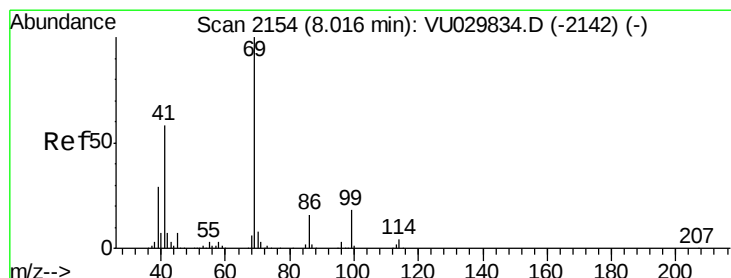
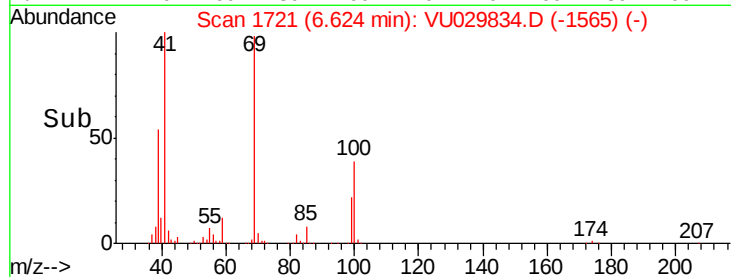
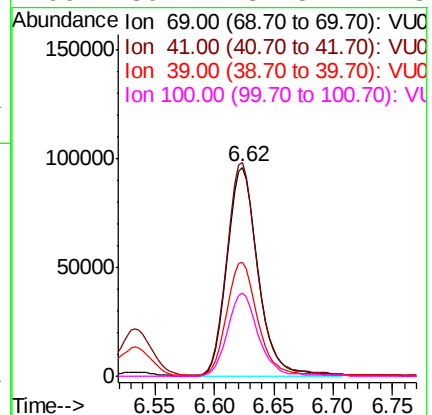
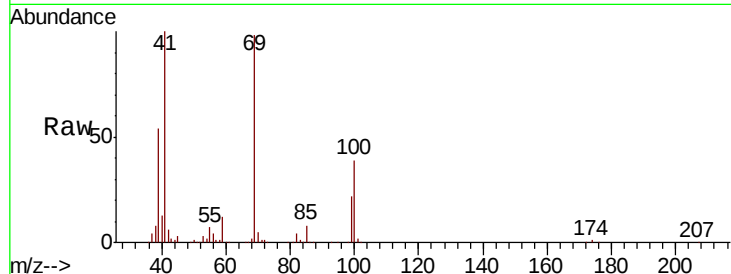
#47
Methyl methacrylate
Concen: 21.175 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
69	100		
41	100.5	0.0	201.0
39	54.1	43.3	64.9
100	39.4	31.5	47.3

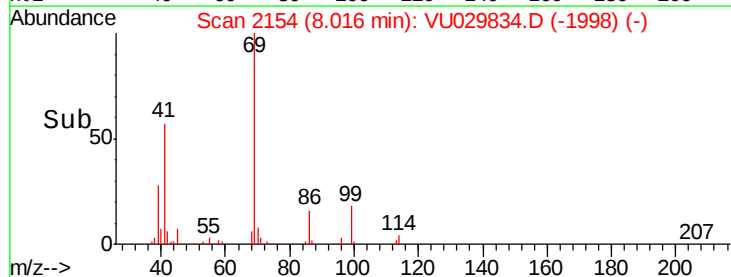
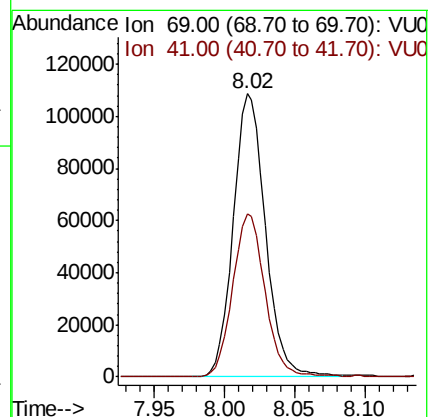
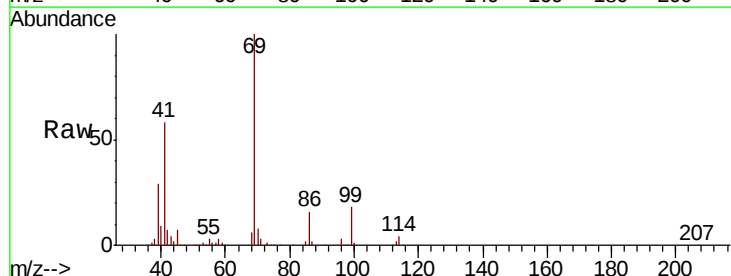
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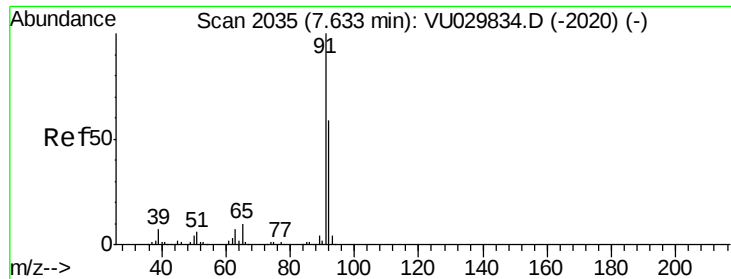
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#48
Ethyl methacrylate
Concen: 11.018 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.1	29.0	87.1





#49

Toluene

Concen: 10.375 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 92 Resp: 464768

Ion Ratio Lower Upper

92 100

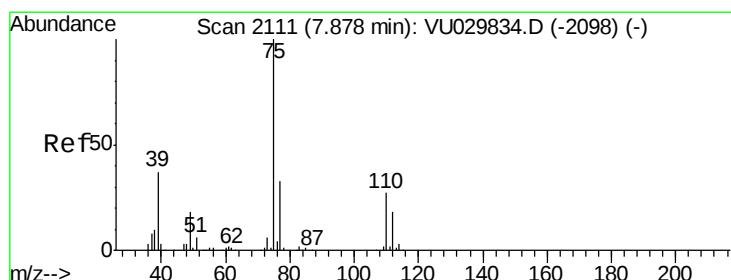
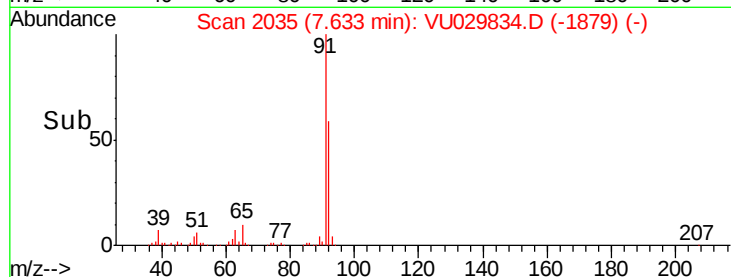
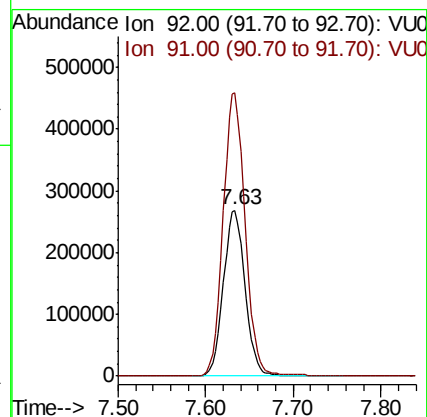
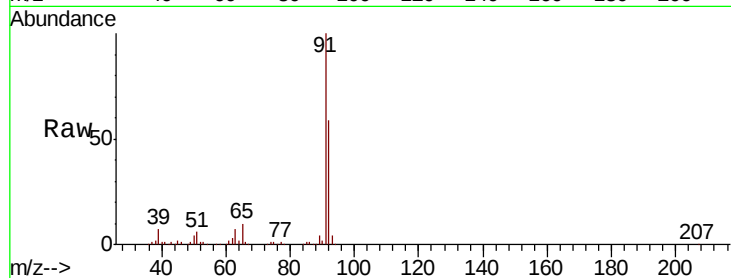
91 172.3 137.8 206.8

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#50

t-1,3-Dichloropropene

Concen: 10.449 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU029834.D

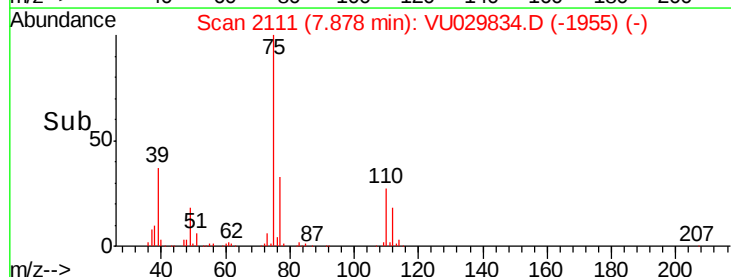
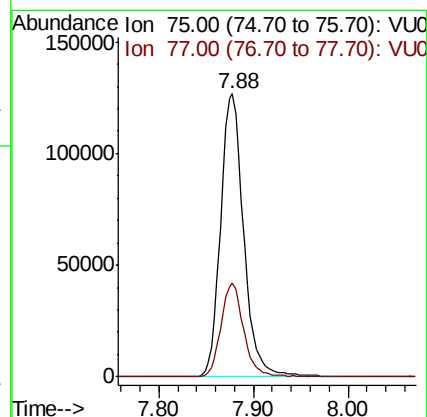
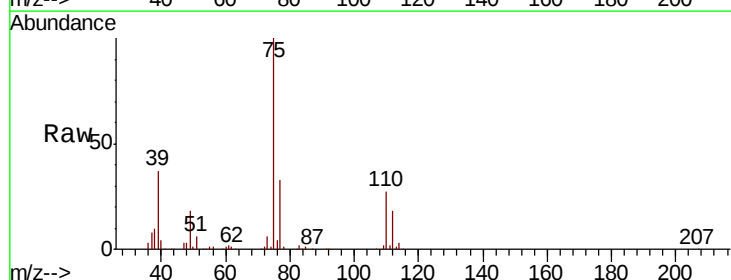
Acq: 06 Mar 2019 11:14

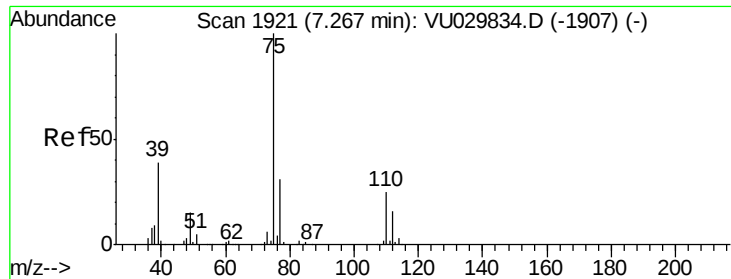
Tgt Ion: 75 Resp: 215221

Ion Ratio Lower Upper

75 100

77 33.0 26.4 39.6





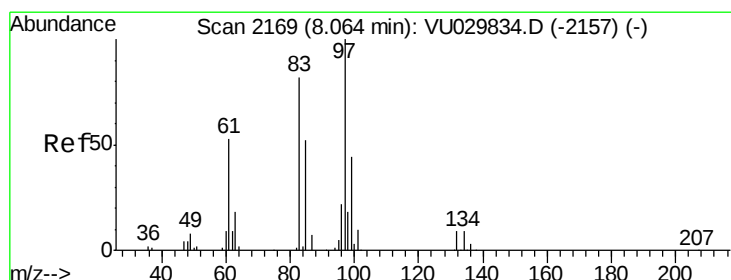
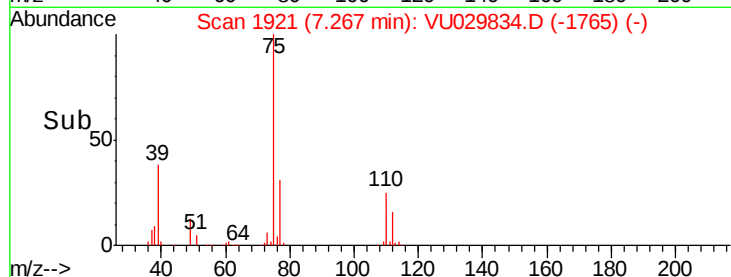
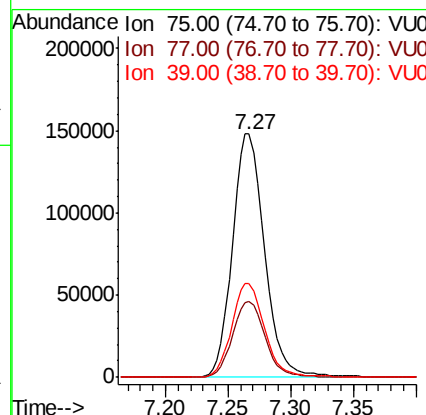
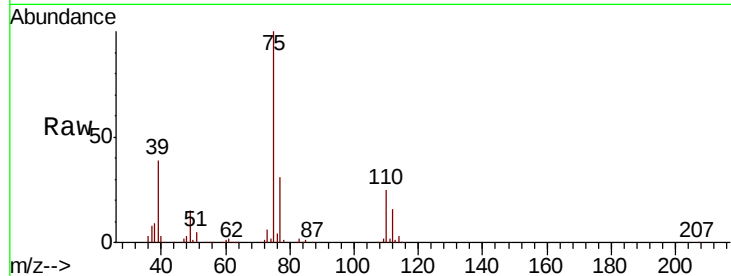
#51
 cis-1,3-Dichloropropene
 Concen: 10.336 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3
39	38.5	30.8	46.2

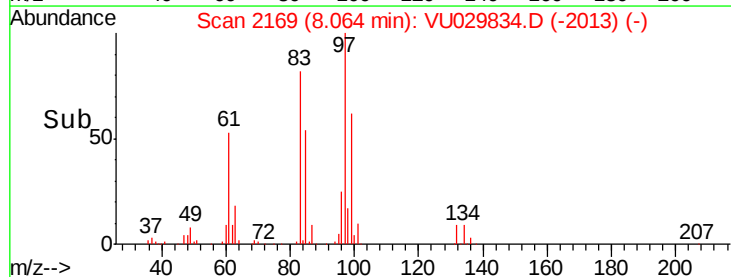
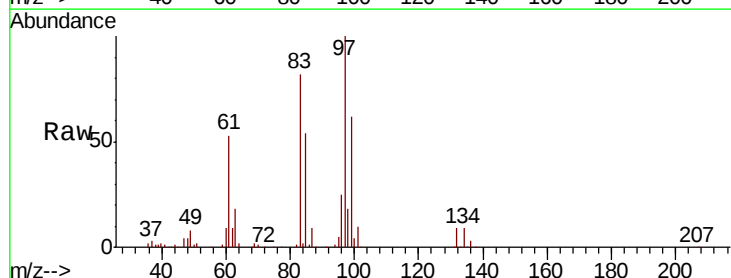
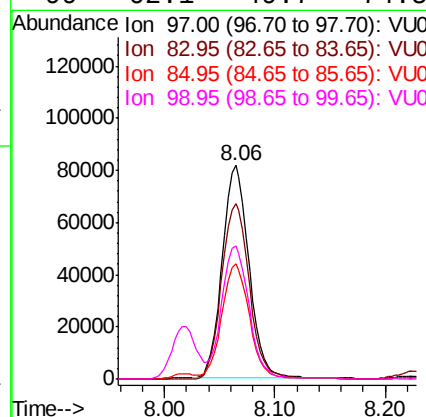
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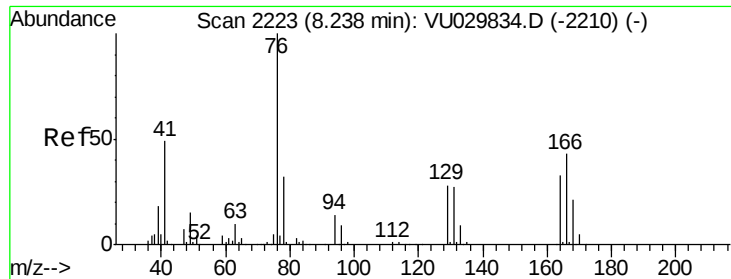
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#52
 1,1,2-Trichloroethane
 Concen: 9.698 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.9	98.9
85	53.8	43.0	64.6
99	62.1	49.7	74.5





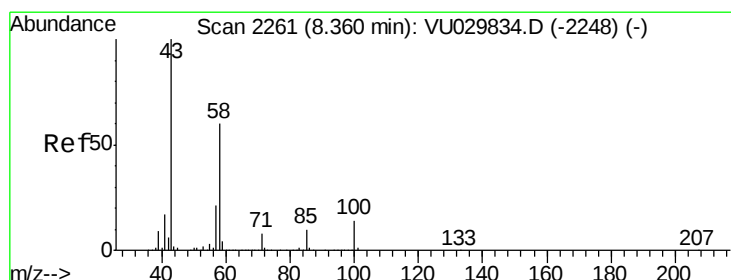
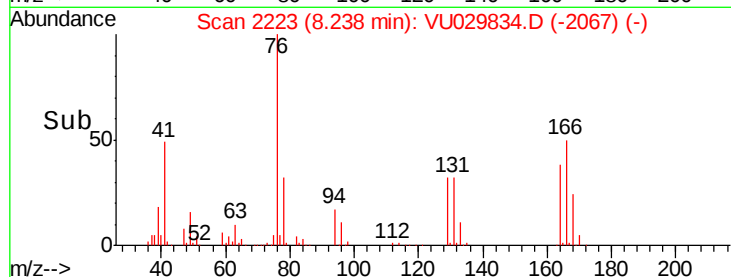
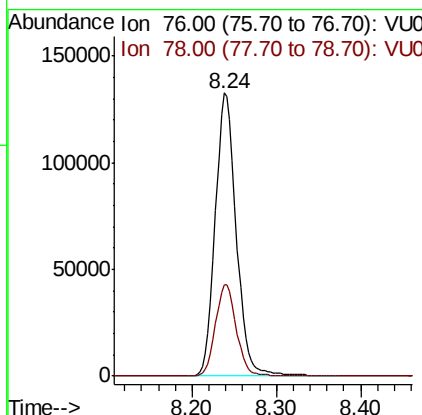
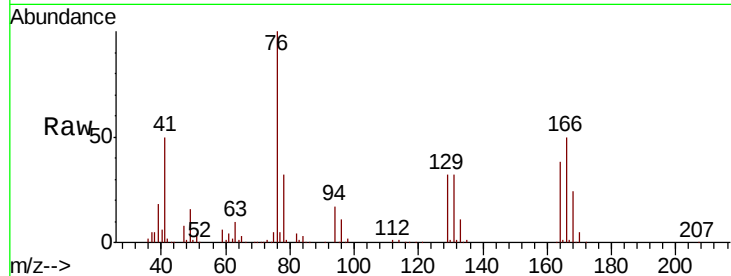
#53
 1,3-Dichloropropane
 Concen: 9.923 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 76 Resp: 230551
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

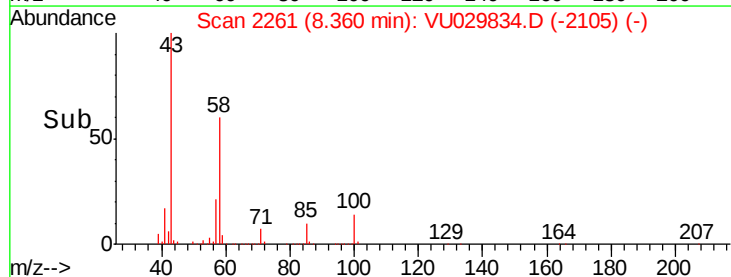
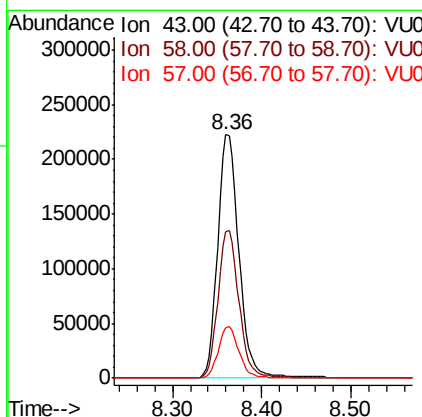
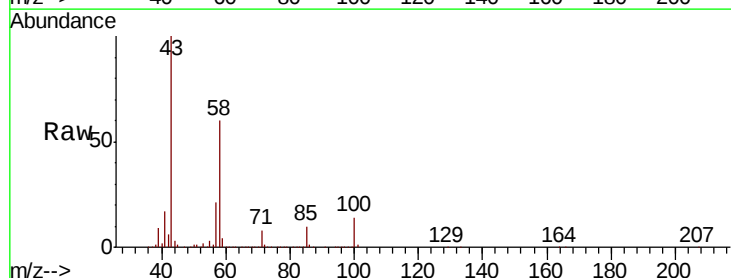
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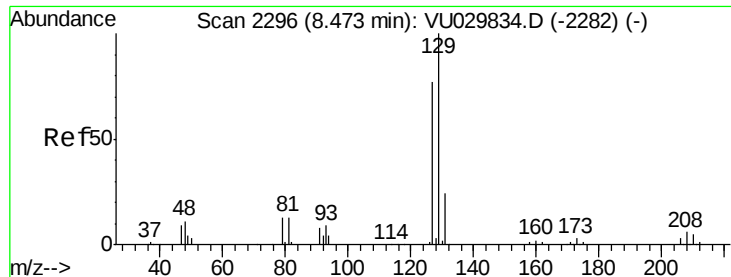
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#54
 2-Hexanone
 Concen: 53.030 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion: 43 Resp: 367594
 Ion Ratio Lower Upper
 43 100
 58 59.6 39.6 79.6
 57 20.5 0.5 40.5





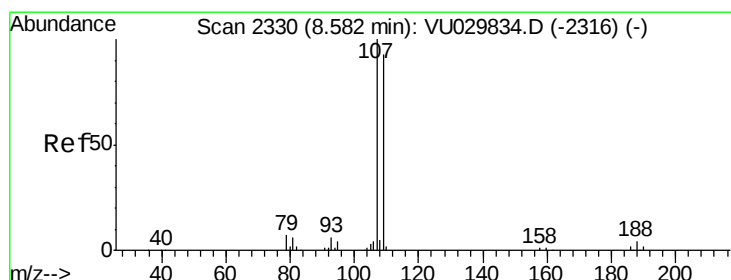
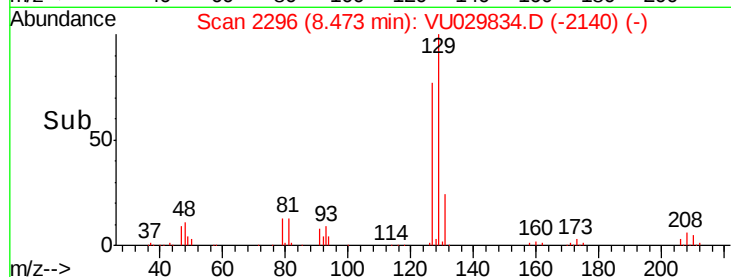
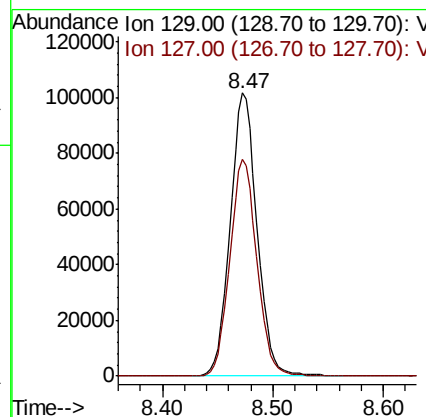
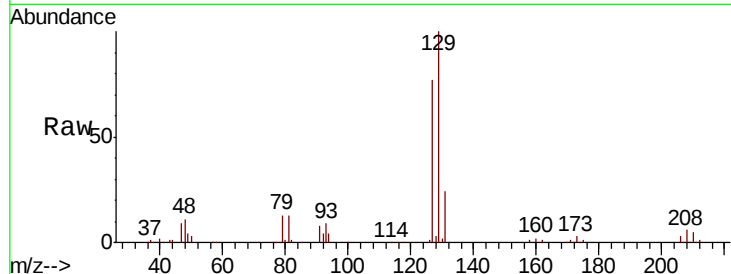
#55
 Dibromochloromethane
 Concen: 10.218 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:129 Resp: 171790
 Ion Ratio Lower Upper
 129 100
 127 77.0 61.6 92.4

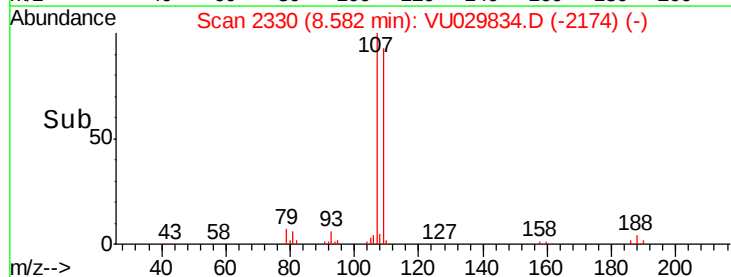
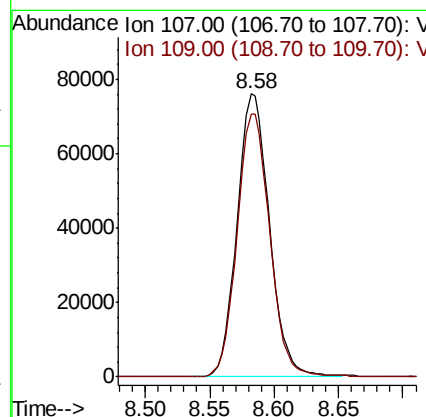
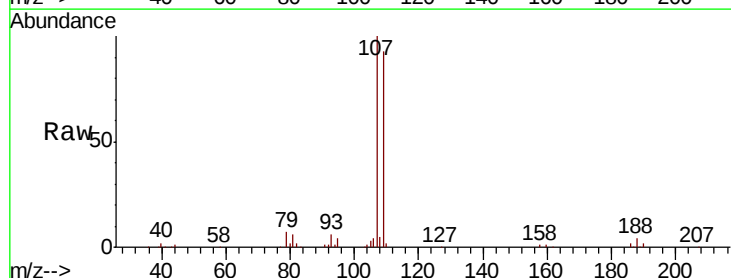
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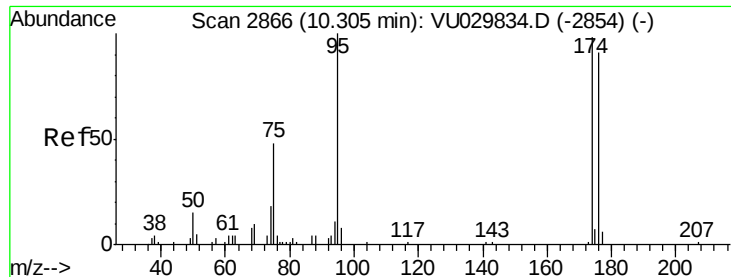
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#56
 1,2-Dibromoethane
 Concen: 9.897 ug/l
 RT: 8.58 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion:107 Resp: 132932
 Ion Ratio Lower Upper
 107 100
 109 94.2 0.0 188.4





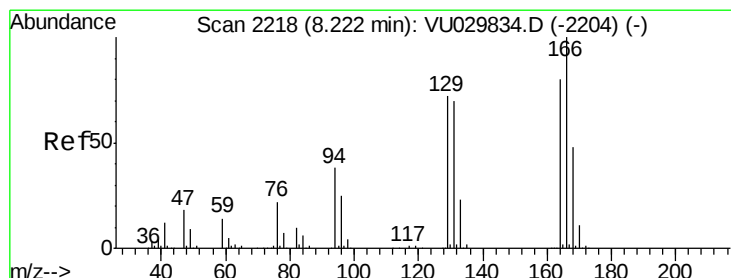
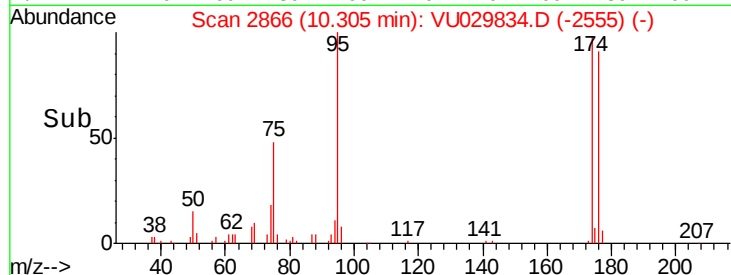
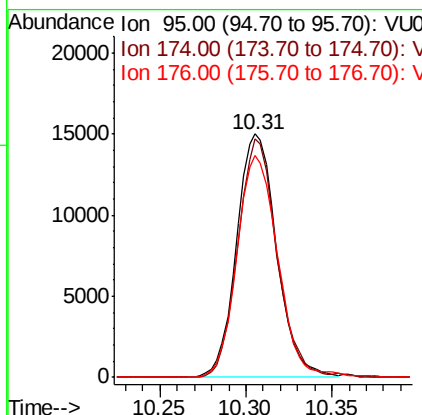
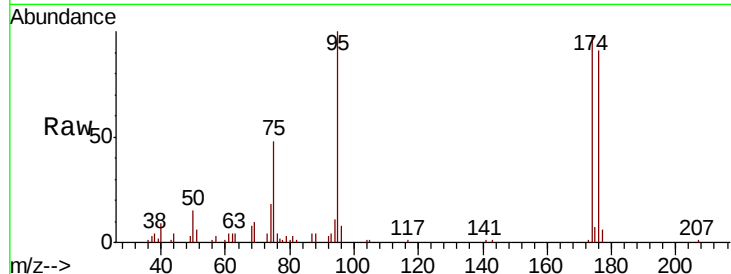
#57
4-Bromofluorobenzene
Concen: 9.897 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	76.5	114.7
176	92.7	74.2	111.2

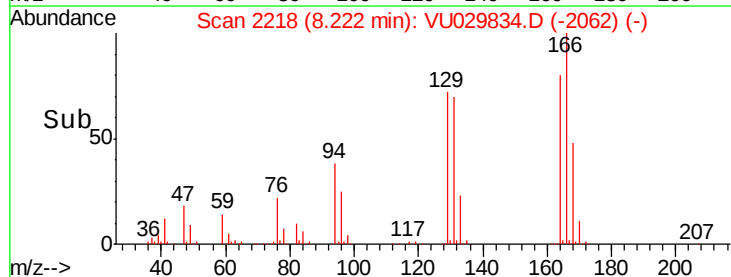
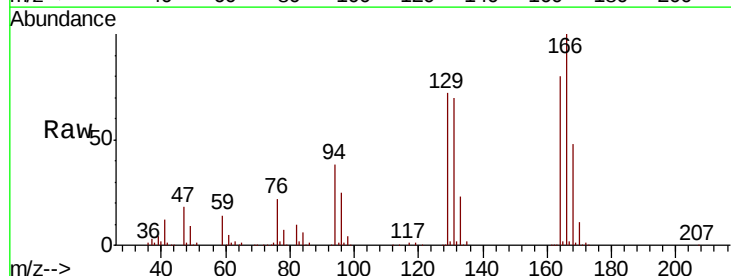
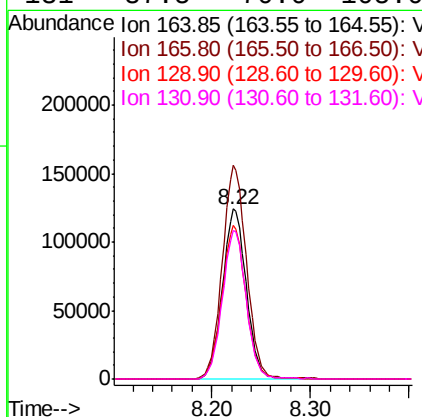
Manual Integrations
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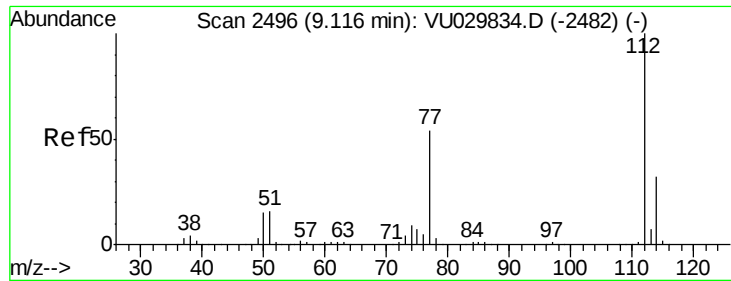
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#58
Tetrachloroethene
Concen: 9.738 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.5	150.7
129	90.4	72.3	108.5
131	87.5	70.0	105.0





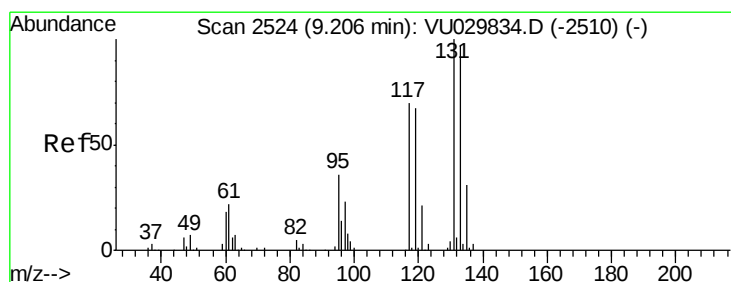
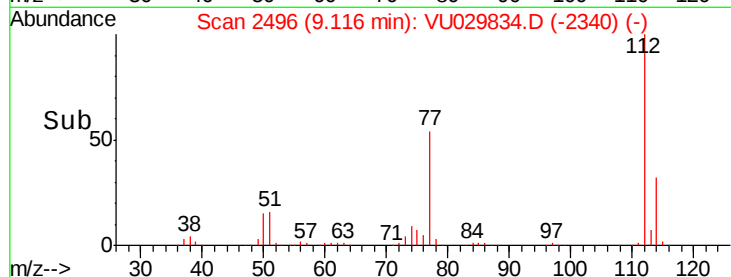
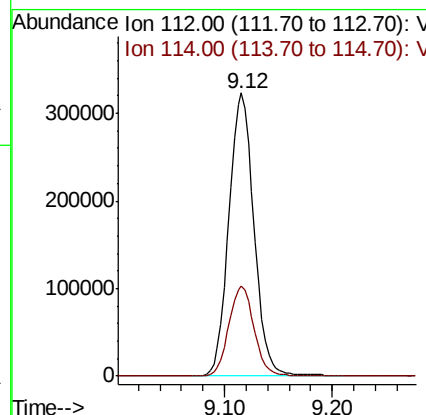
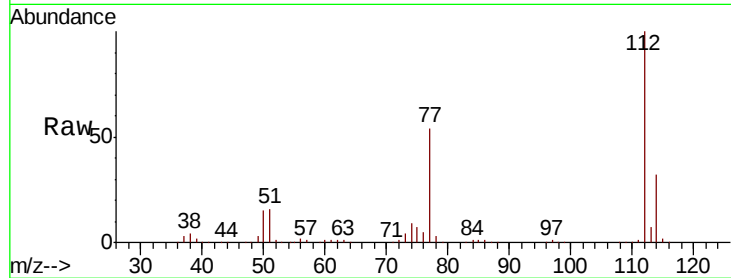
#59
Chlorobenzene
Concen: 10.190 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 524631
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

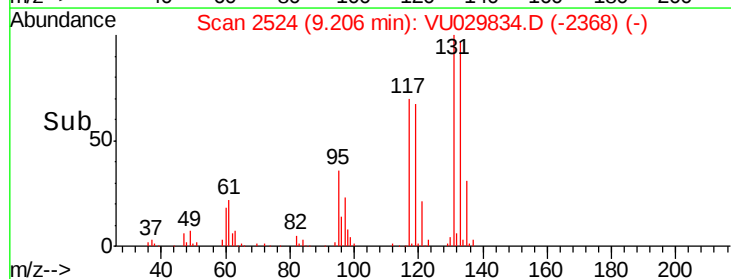
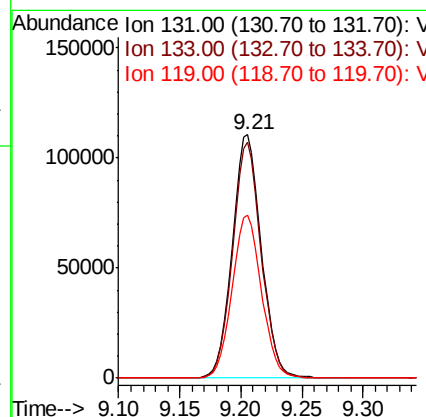
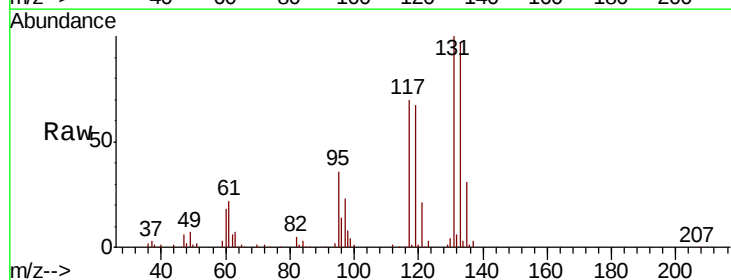
Manual Integrations
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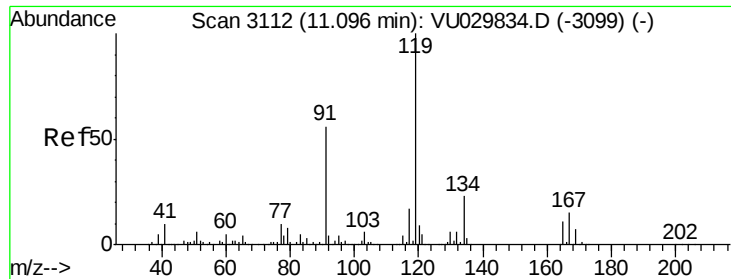
MMDadoda
3/11/2019 4:50:13 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 9.948 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion:131 Resp: 183722
Ion Ratio Lower Upper
131 100
133 95.5 76.4 114.6
119 67.8 54.2 81.4





#61

Pentachloroethane

Concen: 10.309 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 132554

Ion Ratio Lower Upper

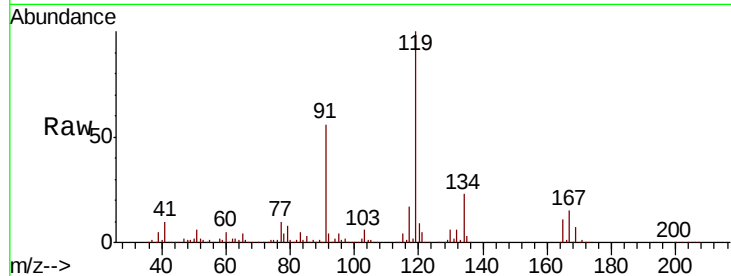
117 100

167 89.3 71.4 107.2

Manual Integrations
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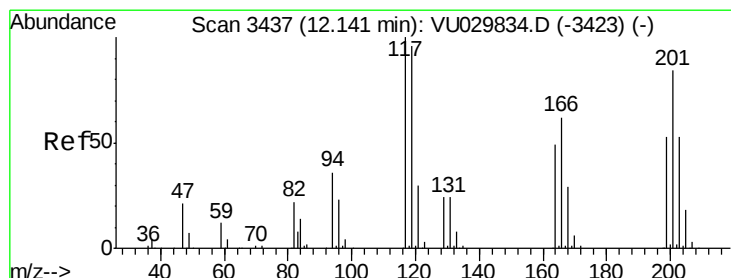
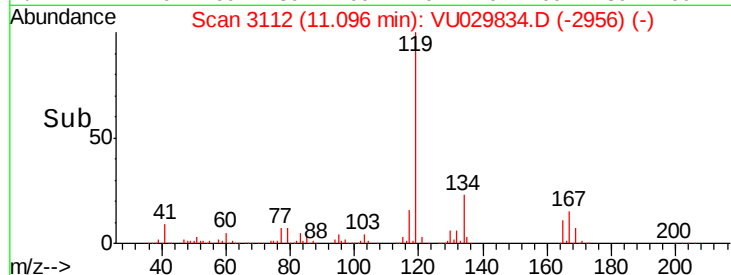
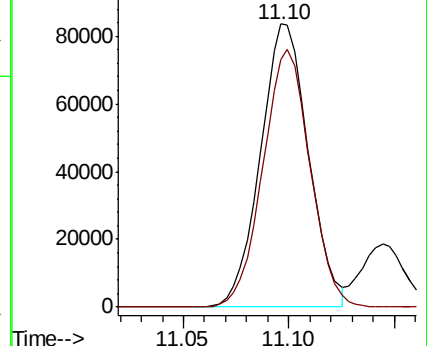
MMDadoda

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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: 10.702 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU029834.D

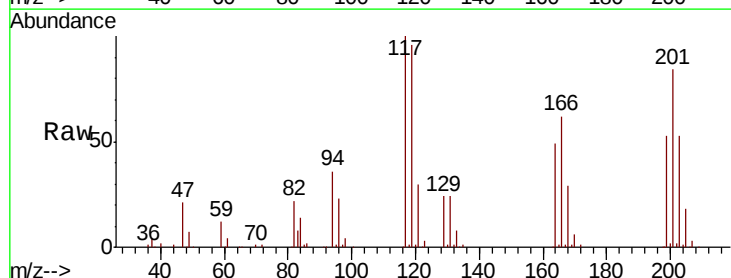
Acq: 06 Mar 2019 11:14

Tgt Ion:117 Resp: 144769

Ion Ratio Lower Upper

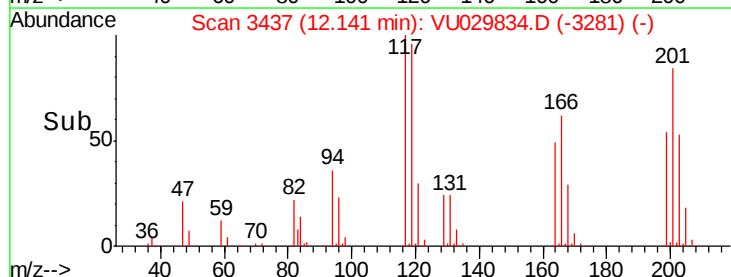
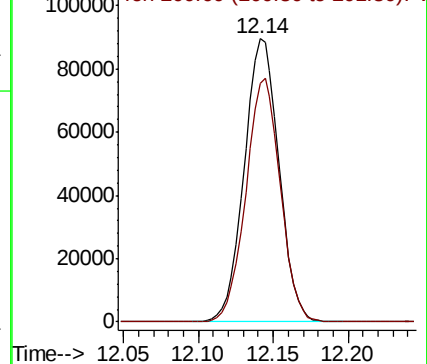
117 100

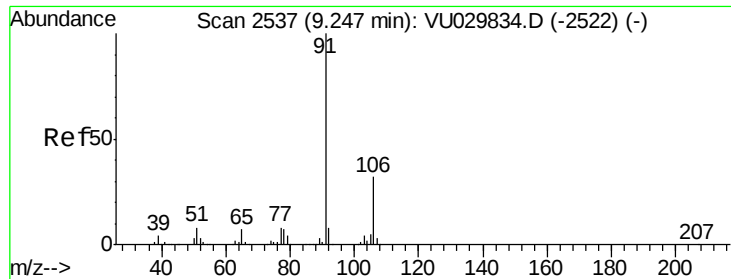
201 85.2 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





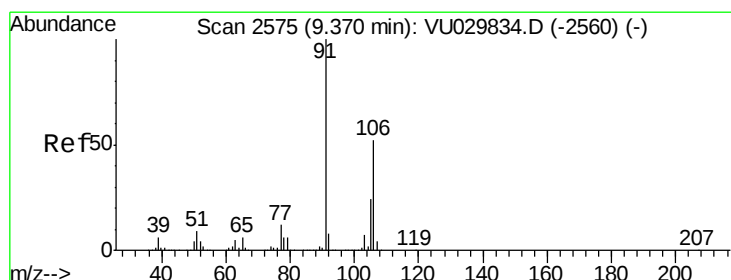
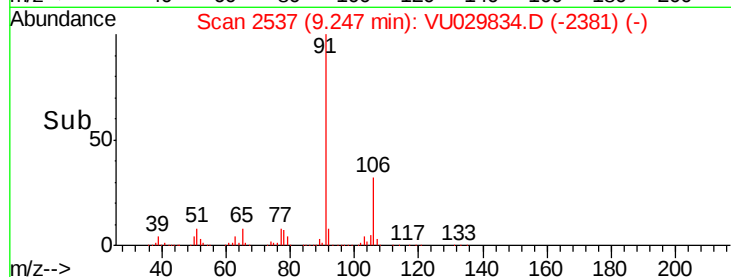
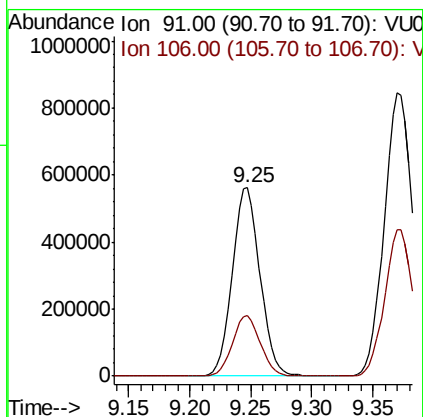
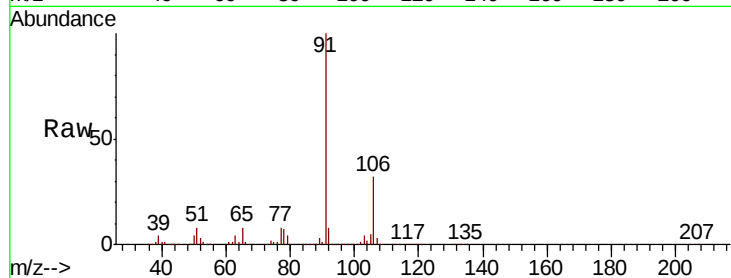
#63
Ethyl Benzene
Concen: 10.538 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 888746
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

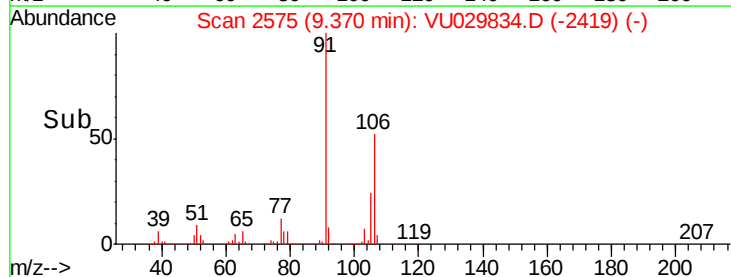
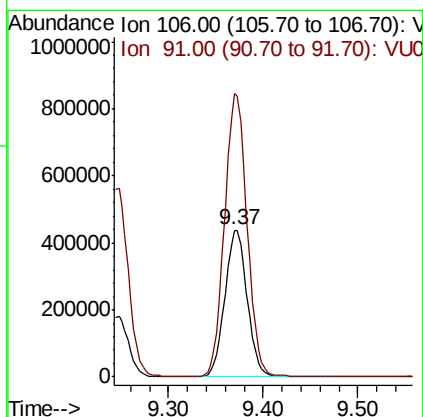
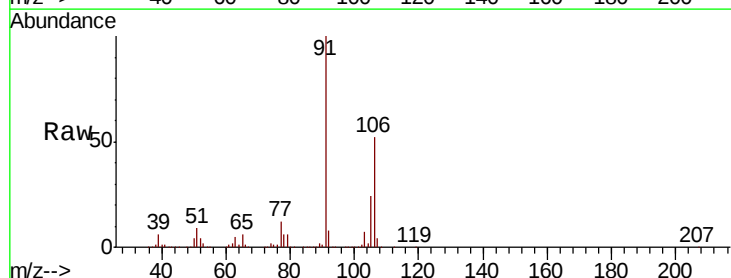
Manual Integrations
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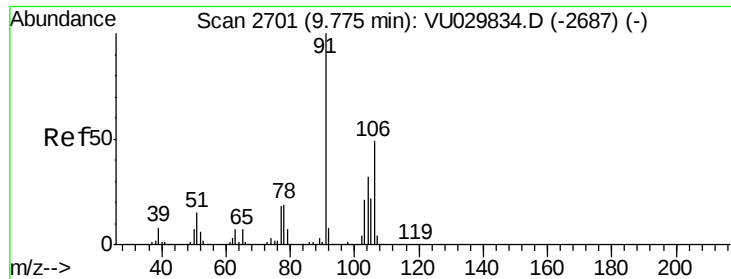
MMDadoda
3/11/2019 4:50:13 PM



#64
m/p-Xylenes
Concen: 21.524 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion: 106 Resp: 717636
Ion Ratio Lower Upper
106 100
91 194.1 155.3 232.9





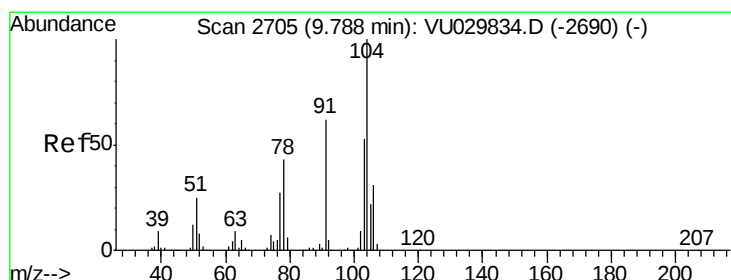
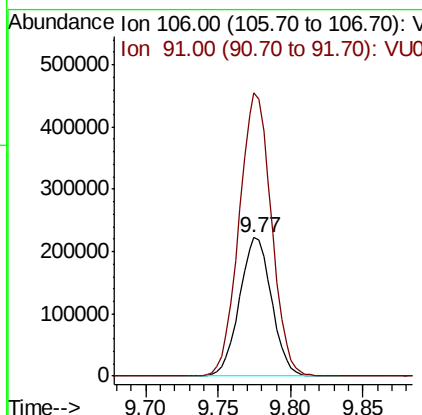
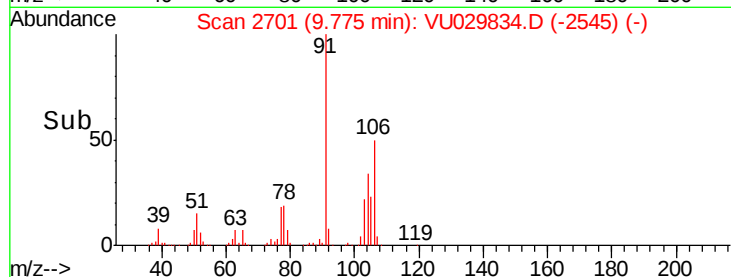
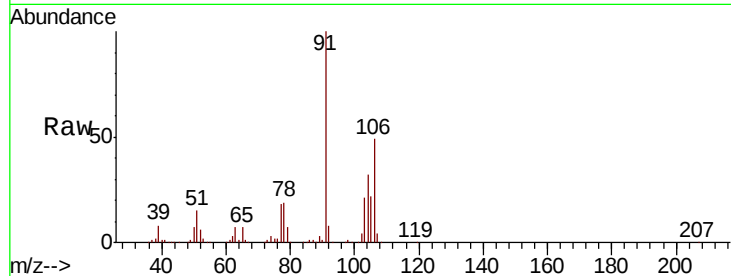
#65
o-Xylene
Concen: 10.713 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tgt Ion:106 Resp: 343031
Ion Ratio Lower Upper
106 100
91 205.5 102.8 308.3

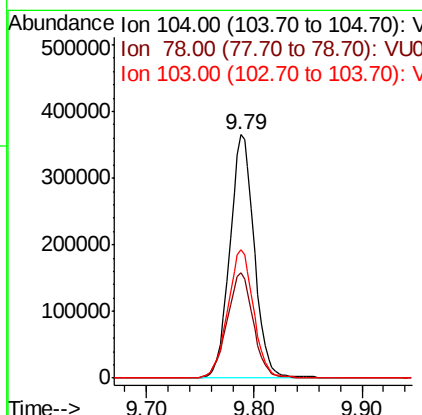
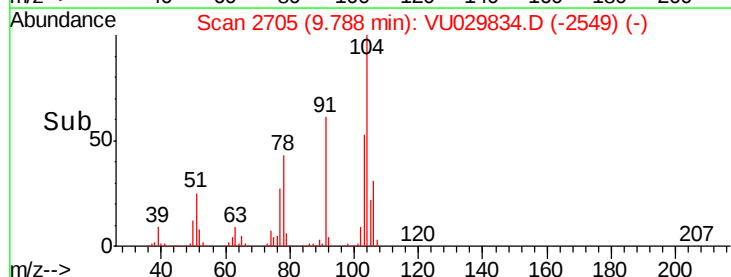
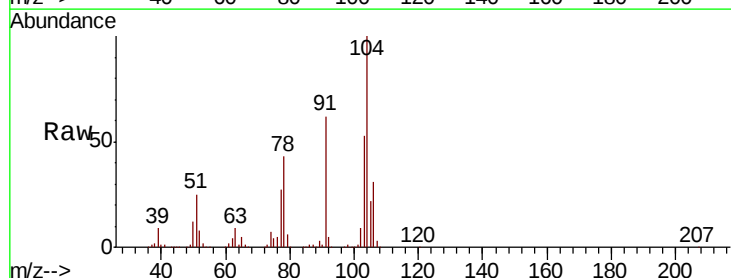
Manual Integrations
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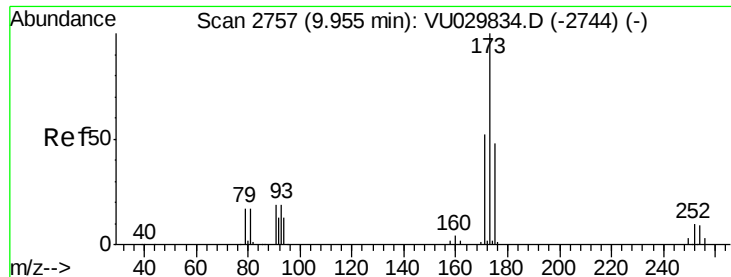
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#66
Styrene
Concen: 10.870 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion:104 Resp: 578232
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.9 44.7 67.1





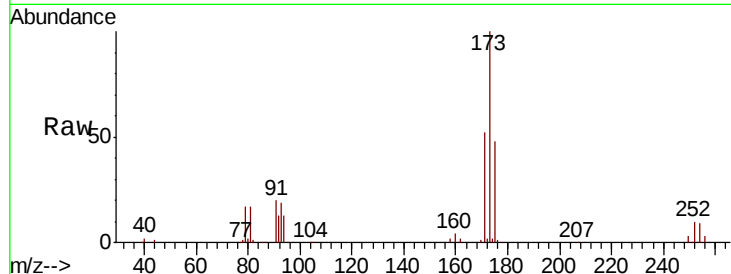
#67
Bromoform
Concen: 10.551 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	9.3	7.4	11.2

Manual Integrations
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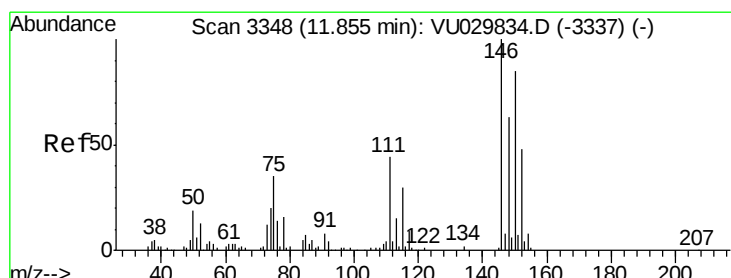
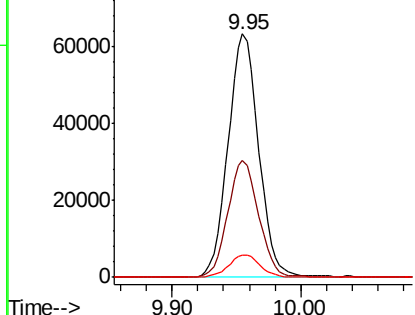
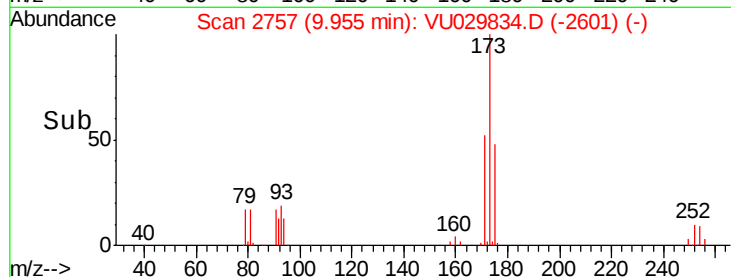


Abundance

Ion 172.90 (172.60 to 173.60): V

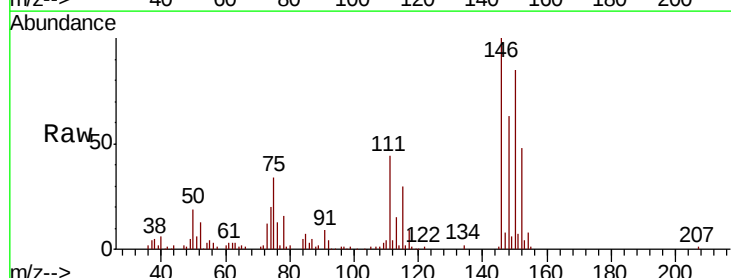
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 10.551 ug/l
RT: 11.86 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	0.0	124.0
150	315.6	0.0	631.2

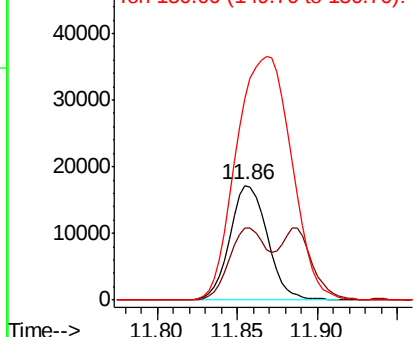
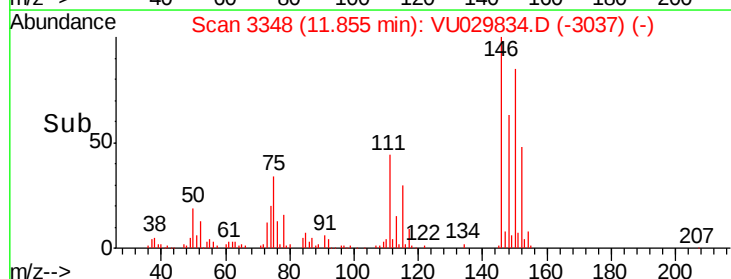


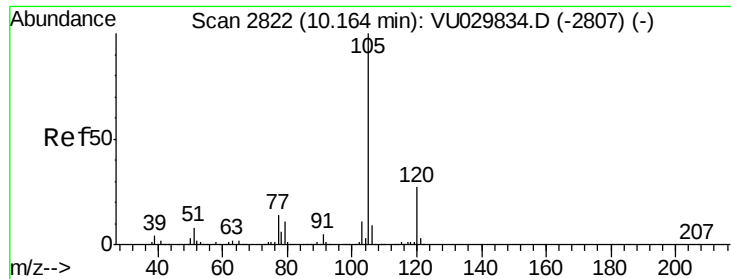
Abundance

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: 10.625 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 105 Resp: 902217

Ion Ratio Lower Upper

105 100

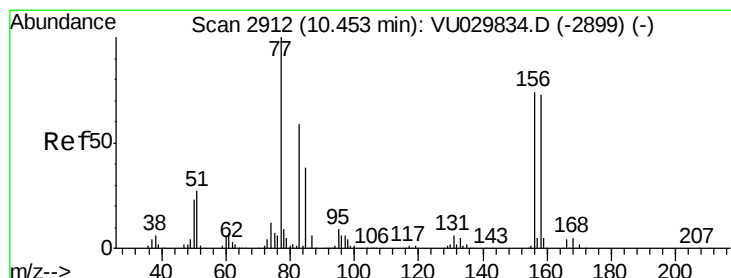
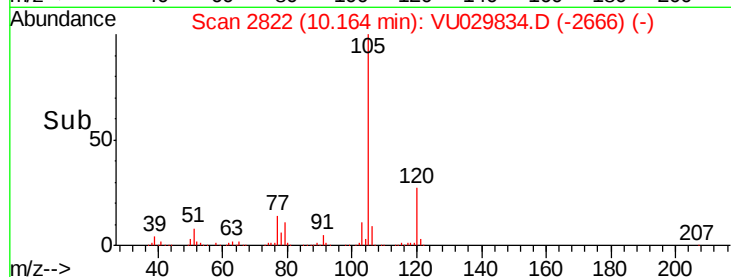
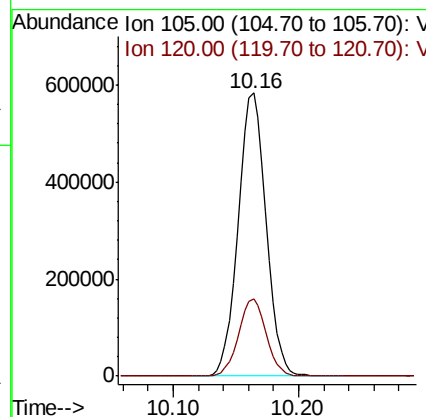
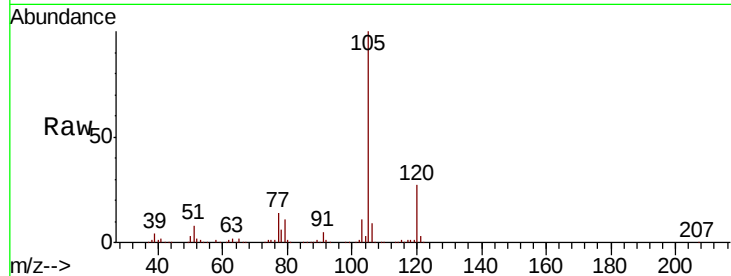
120 27.0 13.5 40.5

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.952 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

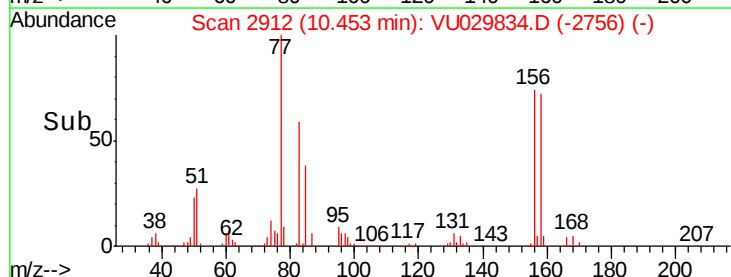
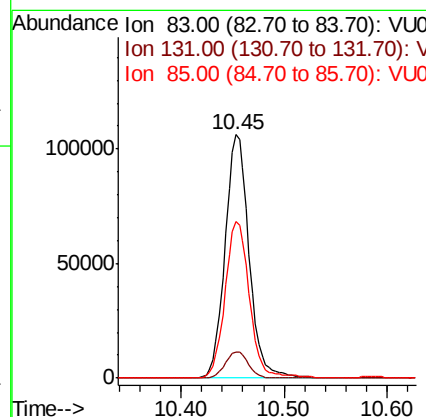
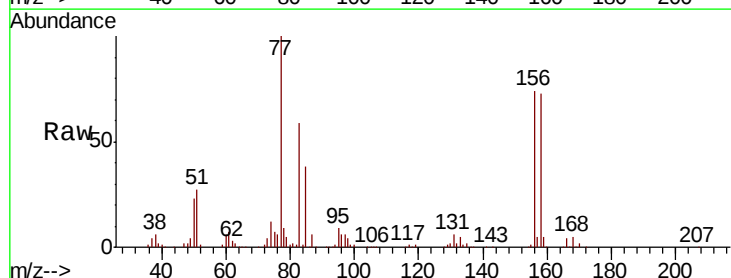
Tgt Ion: 83 Resp: 171936

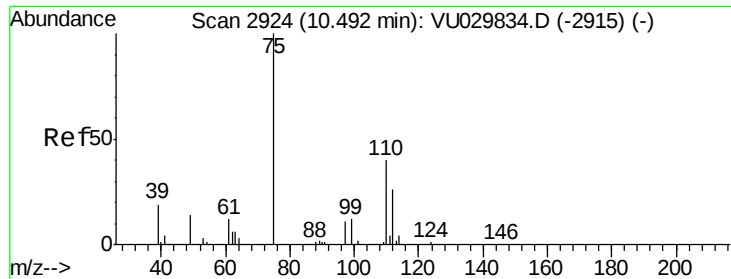
Ion Ratio Lower Upper

83 100

131 10.4 8.3 12.5

85 65.6 52.5 78.7





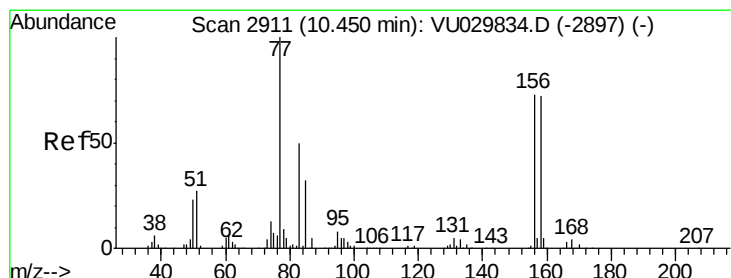
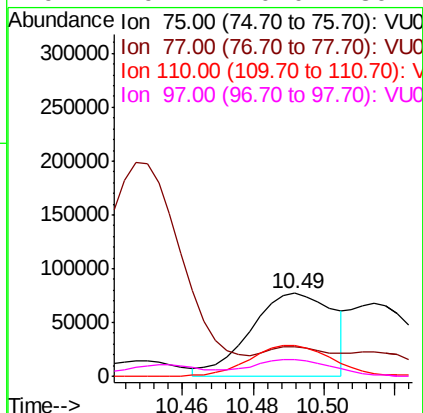
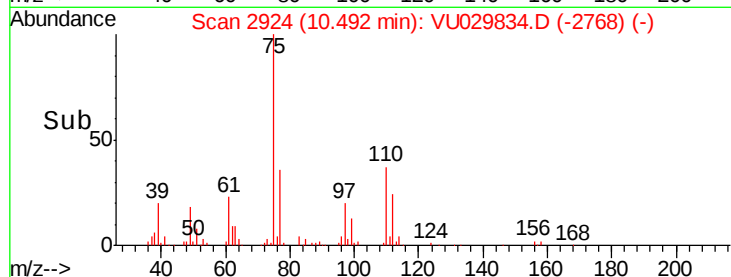
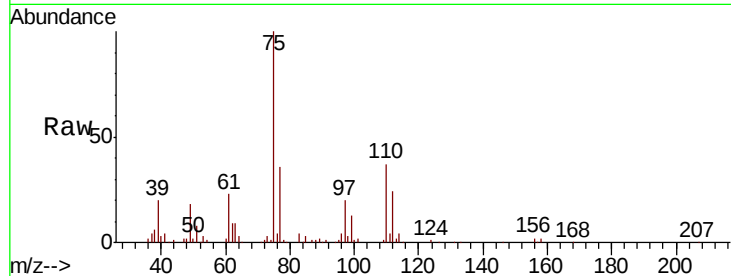
#71
1,2,3-Trichloropropane
Concen: 10.024 ug/l m
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125425		
77	8.2	0.0	0.0	16.4
110	37.4	0.0	0.0	74.8
97	19.7	0.0	0.0	39.4

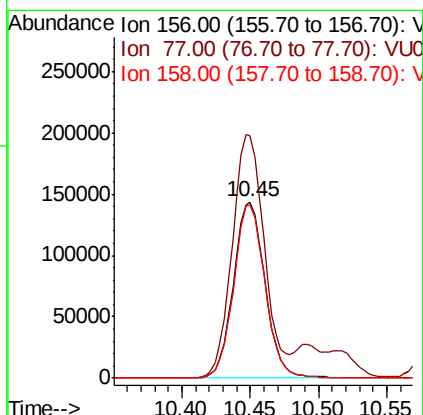
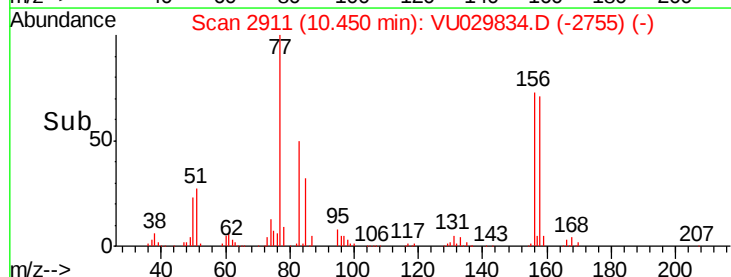
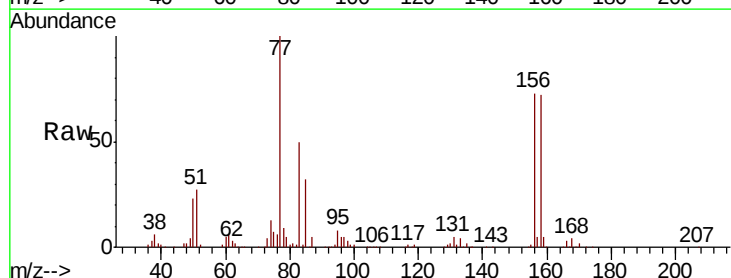
Manual Integrations
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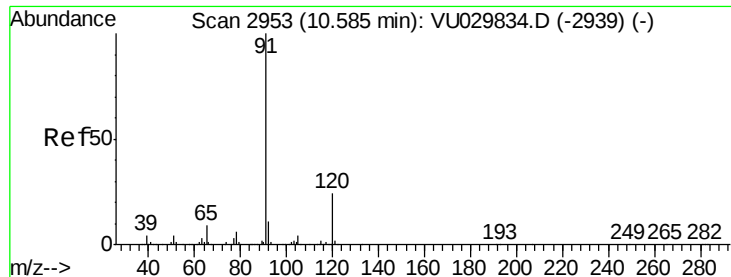
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#72
Bromobenzene
Concen: 10.277 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	230985		
77	141.1	0.0	0.0	282.2
158	98.1	0.0	0.0	196.2





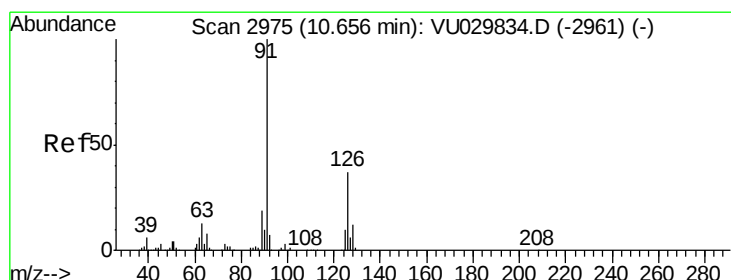
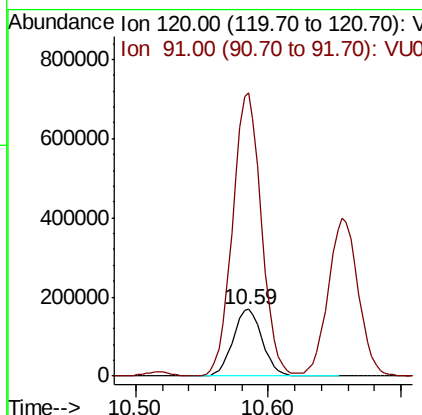
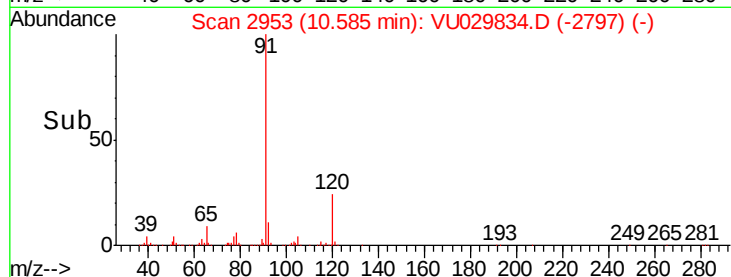
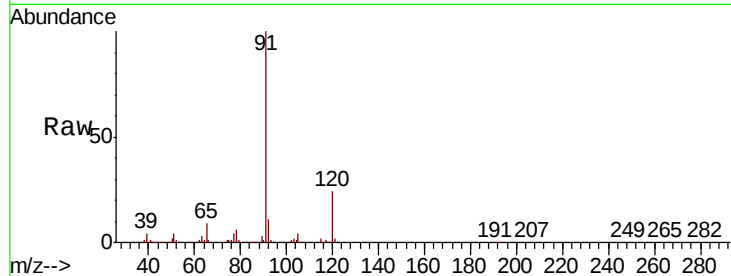
#73
n-propylbenzene
Concen: 10.823 ug/l
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:120 Resp: 258362
Ion Ratio Lower Upper
120 100
91 416.8 333.4 500.2

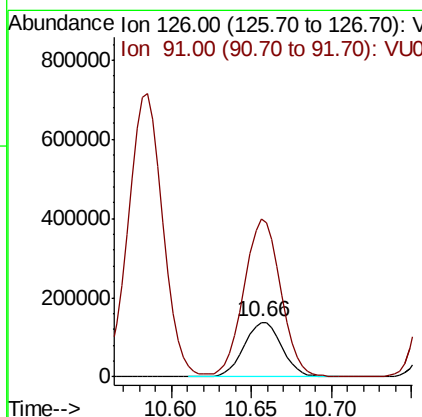
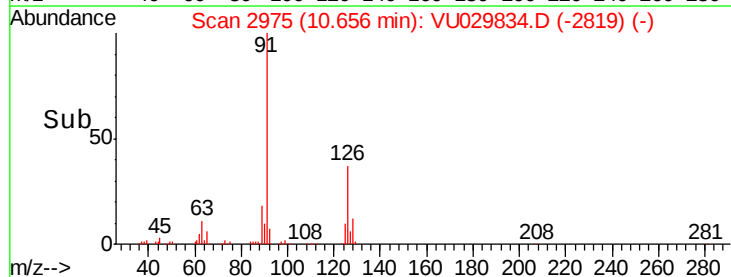
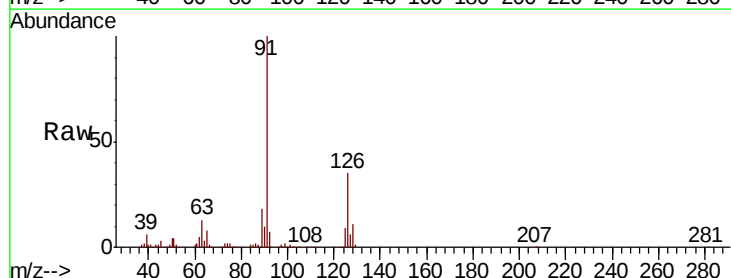
Manual Integrations
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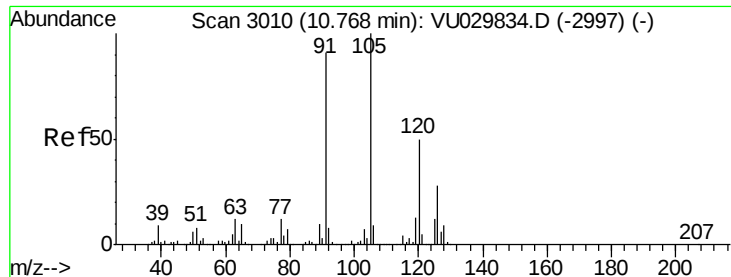
MMDadoda
3/11/2019 4:50:13 PM



#74
2-Chlorotoluene
Concen: 10.393 ug/l
RT: 10.66 min Scan# 2975
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion:126 Resp: 220075
Ion Ratio Lower Upper
126 100
91 284.5 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 10.844 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 775703

Ion Ratio Lower Upper

105 100

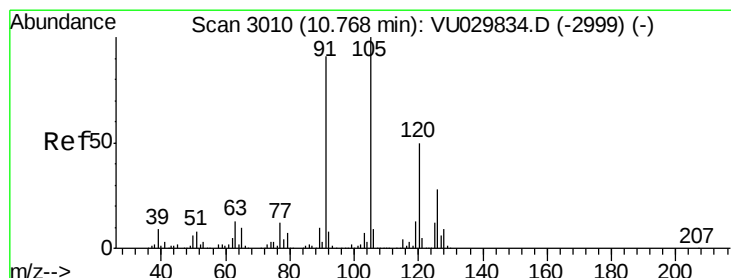
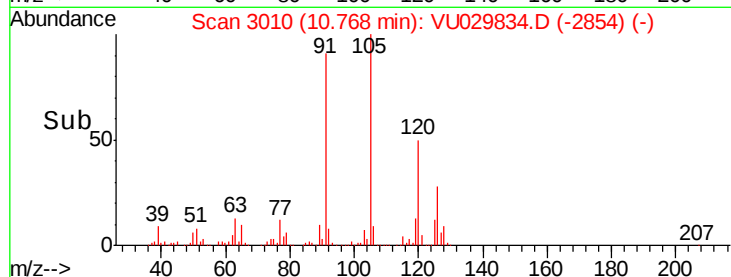
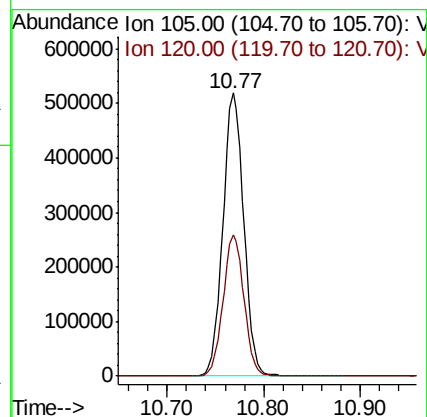
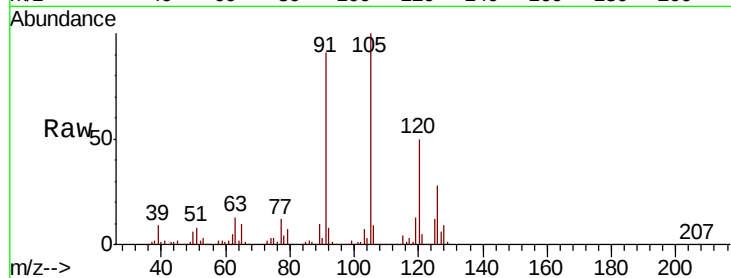
120 50.0 40.0 60.0

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#76

4-Chlorotoluene

Concen: 10.667 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU029834.D

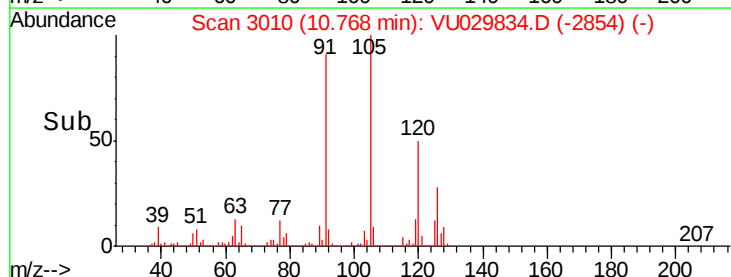
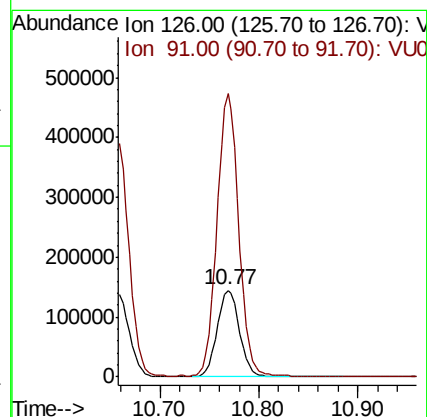
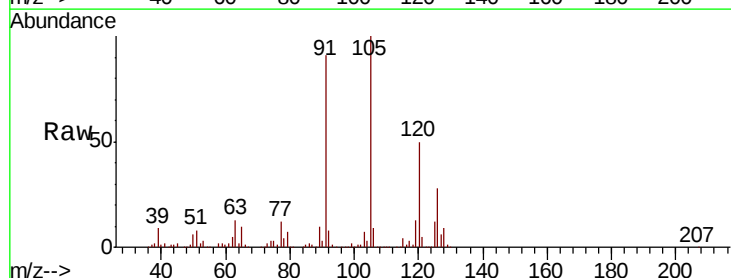
Acq: 06 Mar 2019 11:14

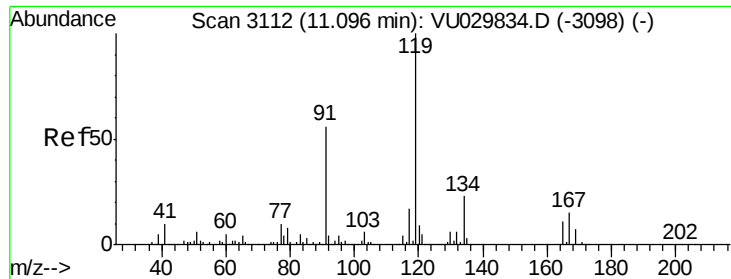
Tgt Ion:126 Resp: 230334

Ion Ratio Lower Upper

126 100

91 317.4 0.0 634.8





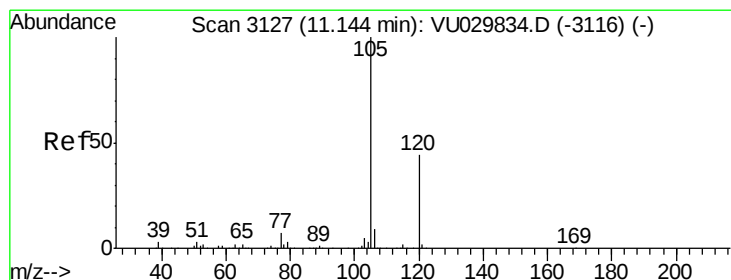
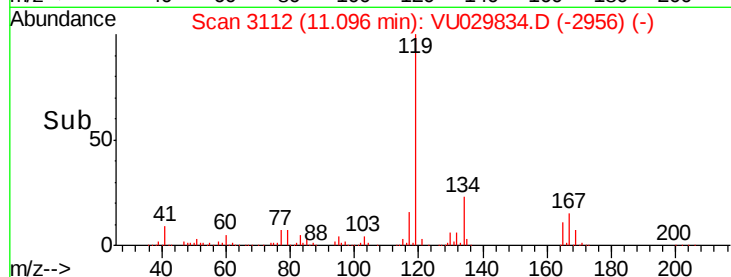
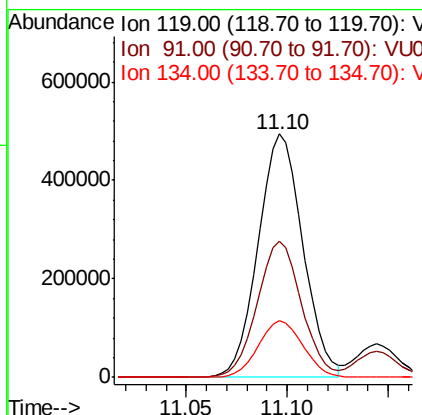
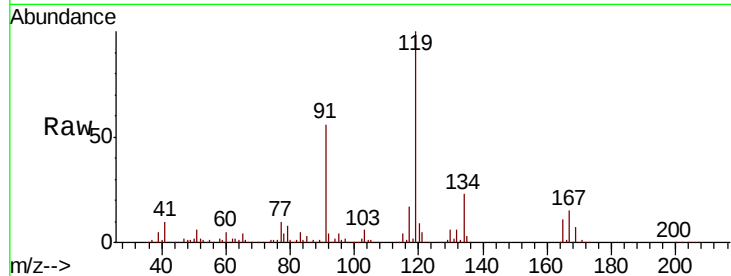
#77
 tert-Butylbenzene
 Concen: 10.776 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	762677		
91	55.4	27.7	83.1	
134	23.4	18.7	28.1	

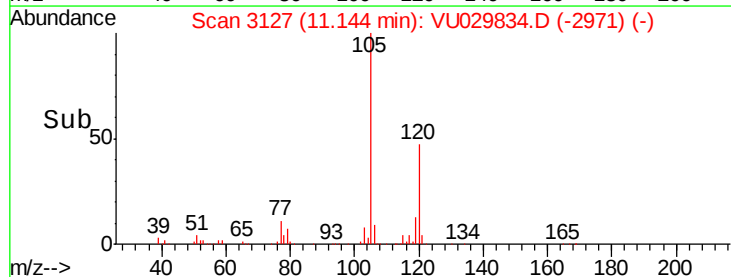
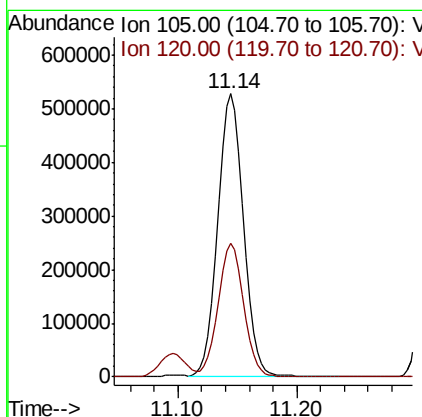
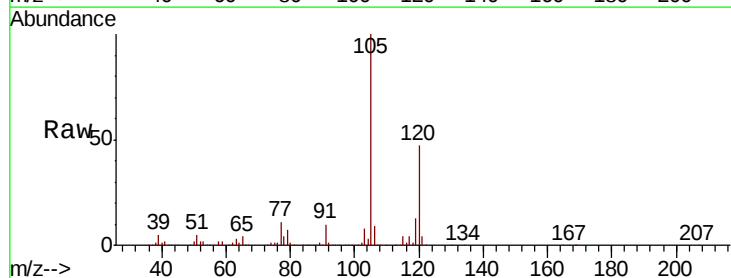
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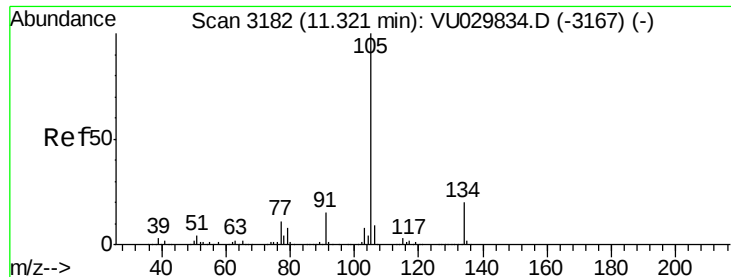
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#78
 1,2,4-Trimethylbenzene
 Concen: 10.944 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	791042		
120	47.0	23.5	70.5	





#79

sec-Butylbenzene

Concen: 10.837 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 105 Resp: 1016453

Ion Ratio Lower Upper

105 100

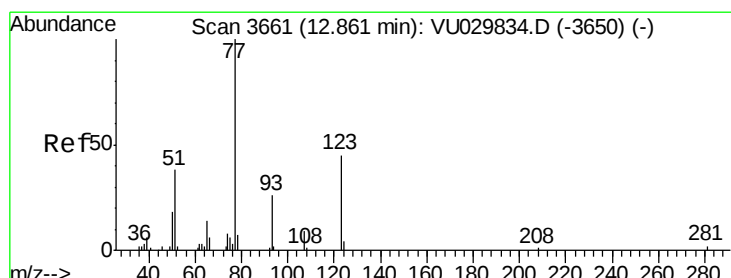
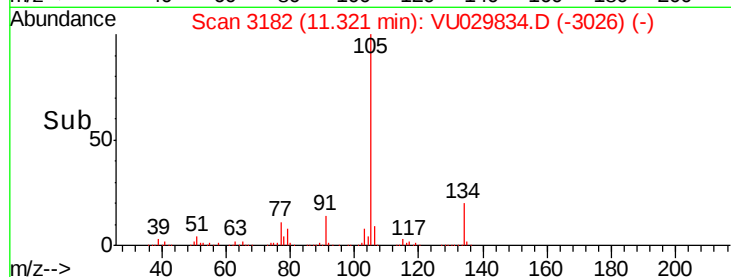
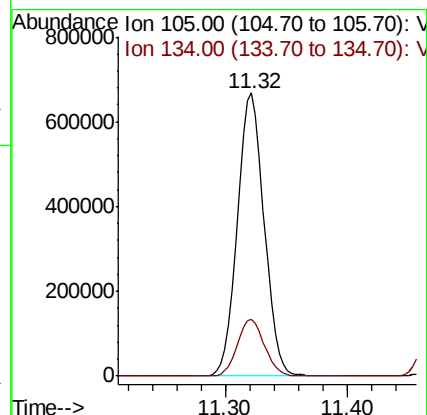
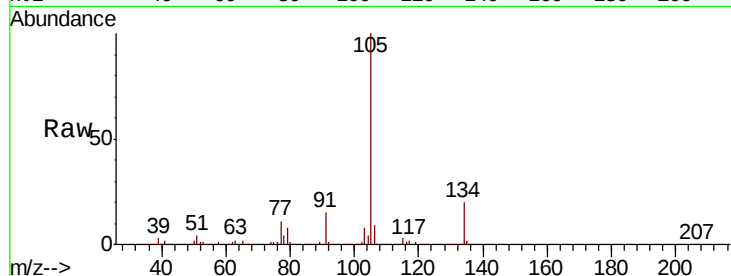
134 20.4 16.3 24.5

Manual Integrations

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#80

Nitrobenzene

Concen: 55.017 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

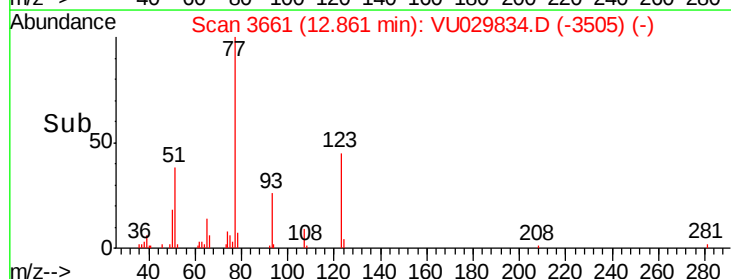
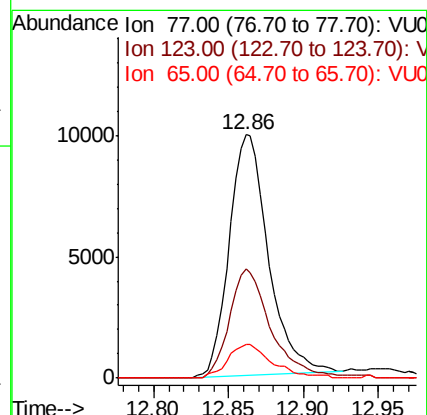
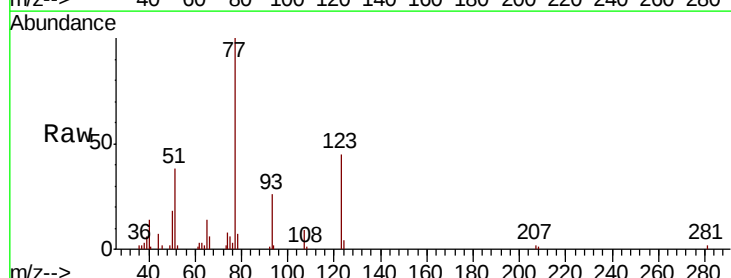
Tgt Ion: 77 Resp: 18142

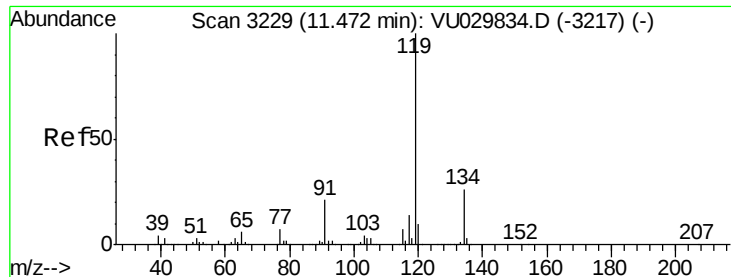
Ion Ratio Lower Upper

77 100

123 45.8 20.2 71.4

65 15.9 14.0 17.8





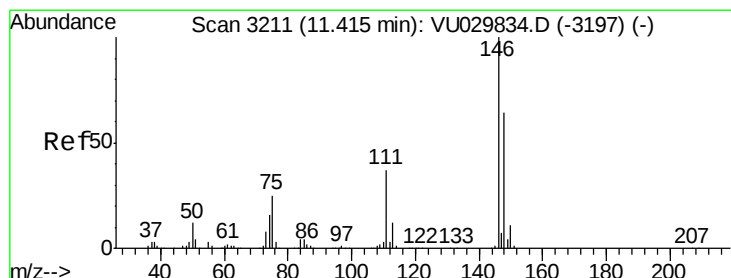
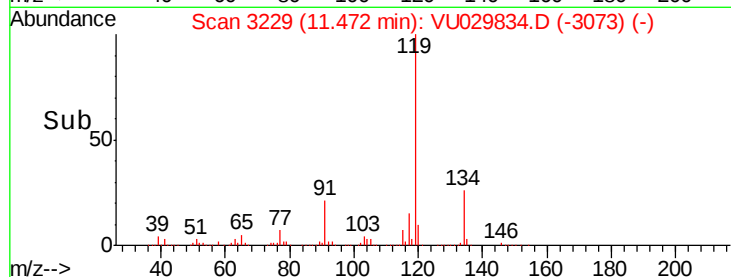
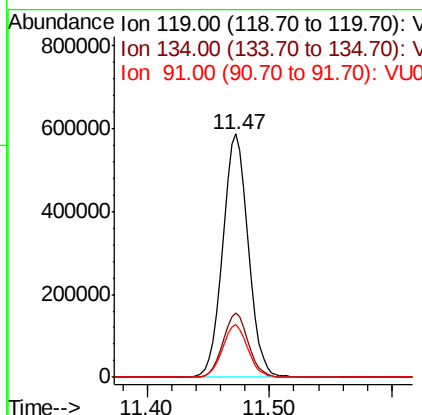
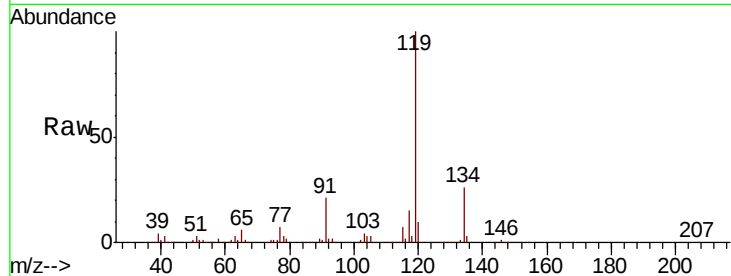
#81
p-Isopropyltoluene
Concen: 11.012 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	21.5	17.2	25.8

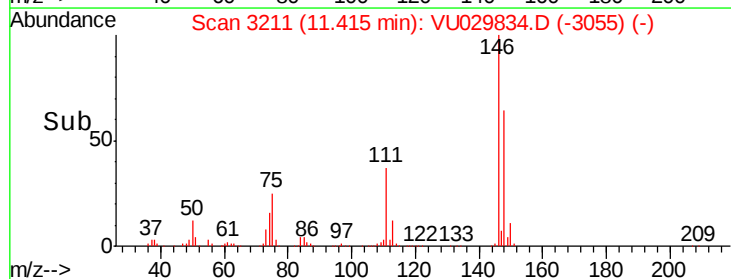
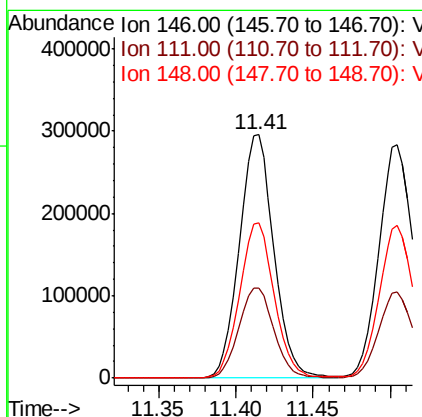
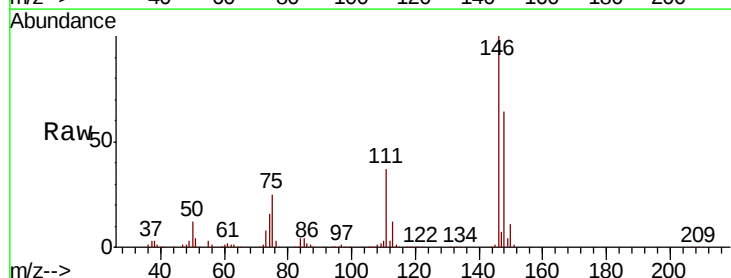
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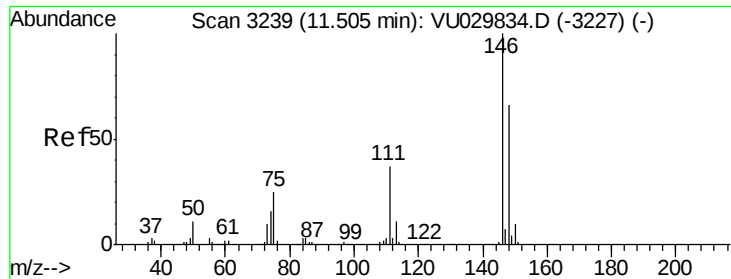
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#82
1,3-Dichlorobenzene
Concen: 10.311 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	30.2	45.4
148	64.0	51.2	76.8





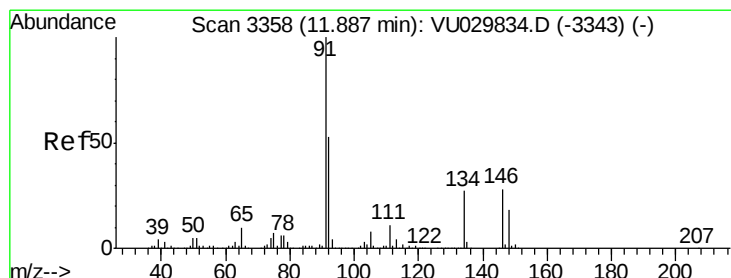
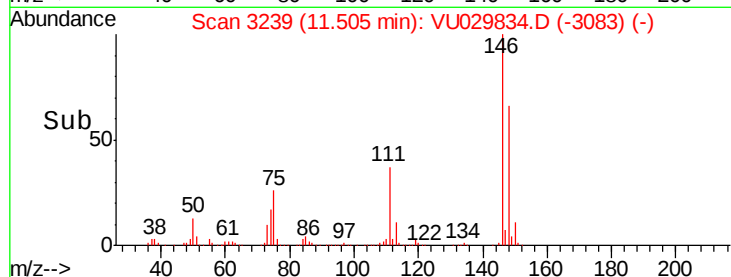
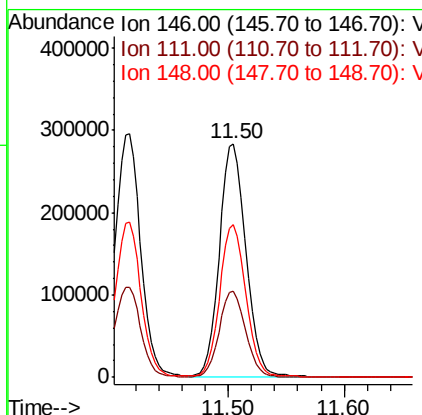
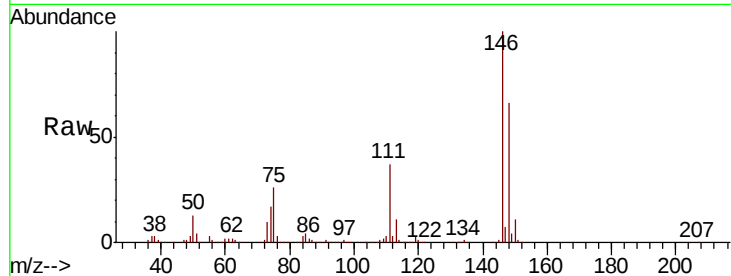
#83
 1,4-Dichlorobenzene
 Concen: 10.366 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	29.4	44.2
148	64.6	51.7	77.5

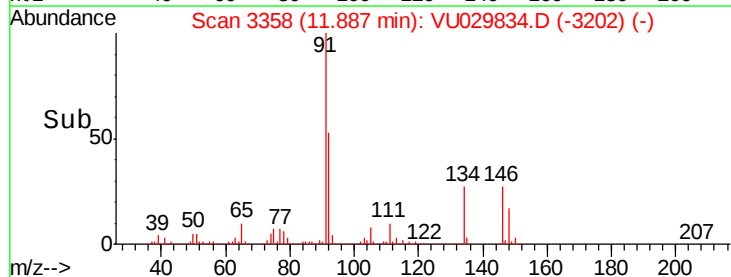
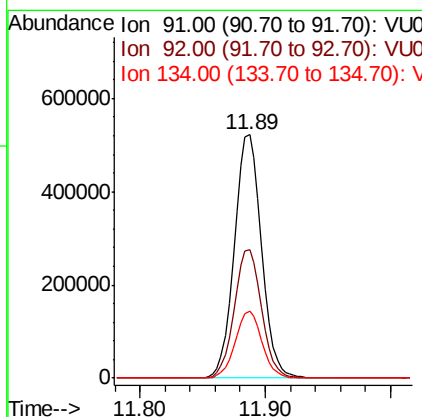
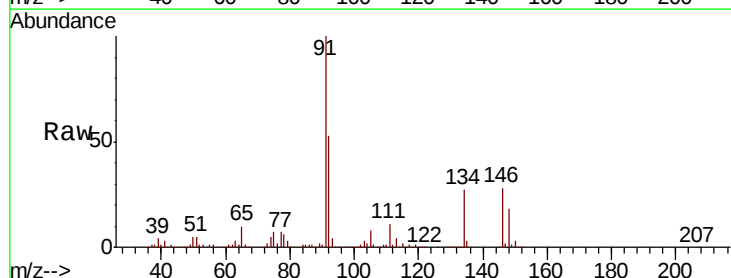
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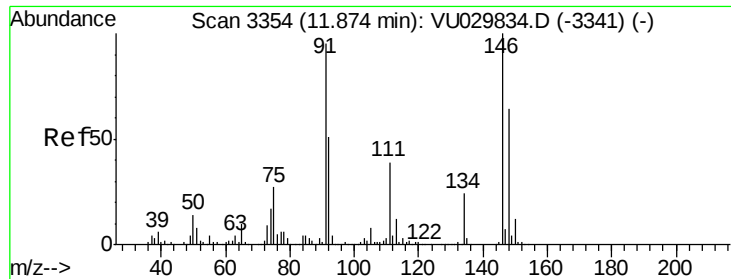
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#84
 n-Butylbenzene
 Concen: 10.942 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU029834.D
 Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	42.6	63.8
134	27.1	21.7	32.5





#85

1,2-Dichlorobenzene

Concen: 10.165 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 146 Resp: 426639
Ion Ratio Lower Upper

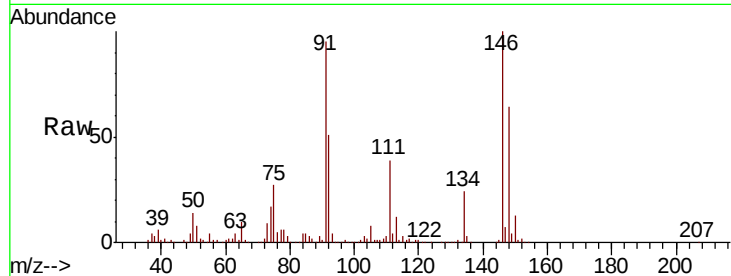
146 100

111 39.7 19.9 59.6

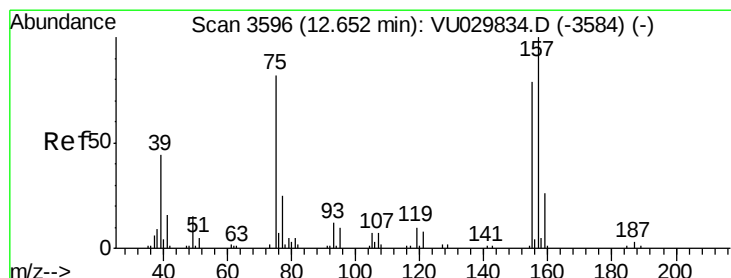
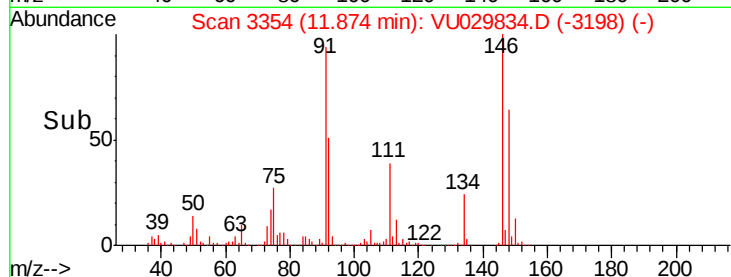
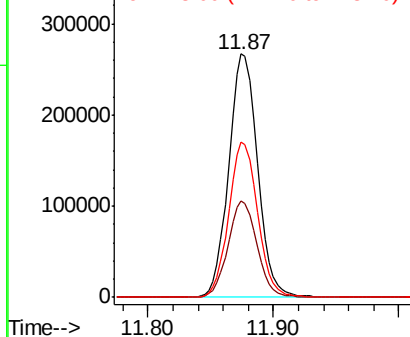
148 64.2 32.1 96.3

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.773 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU029834.D

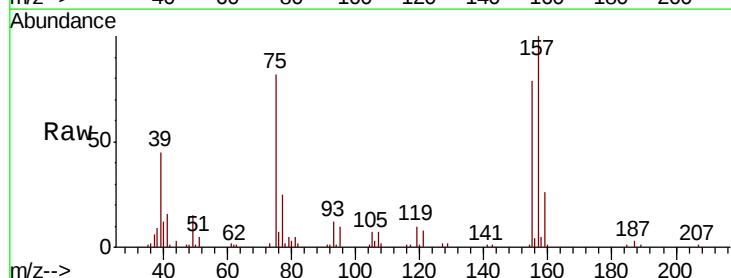
Acq: 06 Mar 2019 11:14

Tgt Ion: 75 Resp: 26573
Ion Ratio Lower Upper

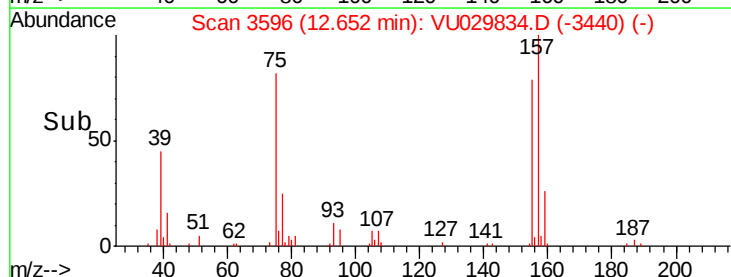
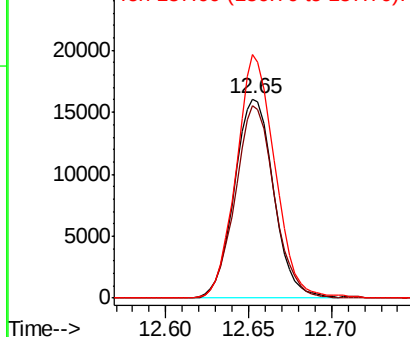
75 100

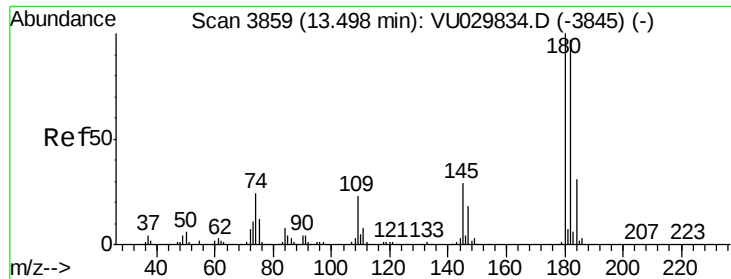
155 95.7 76.6 114.8

157 120.2 96.2 144.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 10.957 ug/l

RT: 13.50 min Scan# 3859

Delta R.T. 0.00 min

Lab File: VU029834.D

Acq: 06 Mar 2019 11:14

Instrument :

MSVOA_U

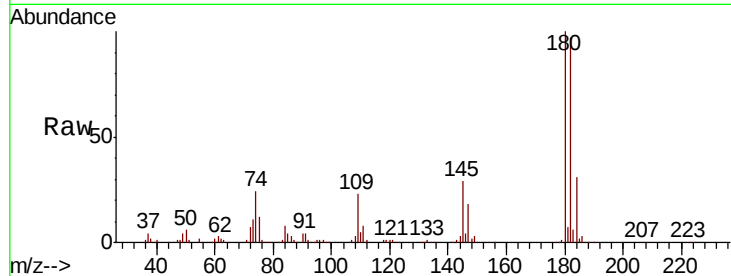
ClientSampleId :

VSTDICCC010

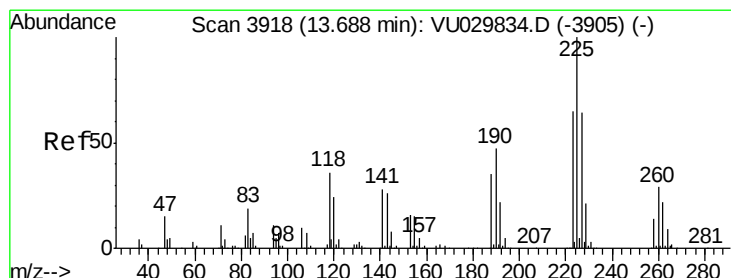
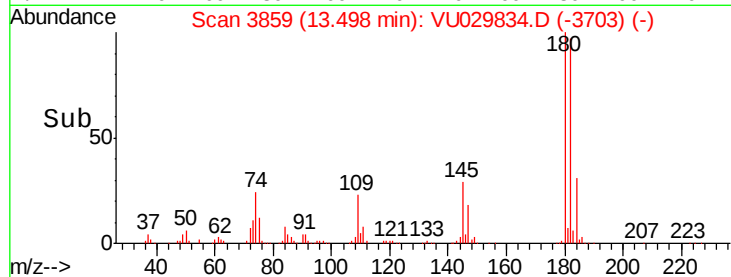
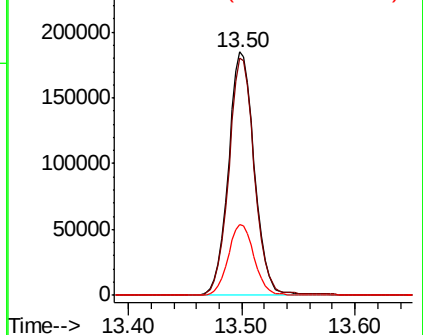
Tgt Ion:	180	Resp:	294521
Ion Ratio	Lower	Upper	
180	100		
182	96.9	77.5	116.3
145	29.5	23.6	35.4

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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: 10.180 ug/l

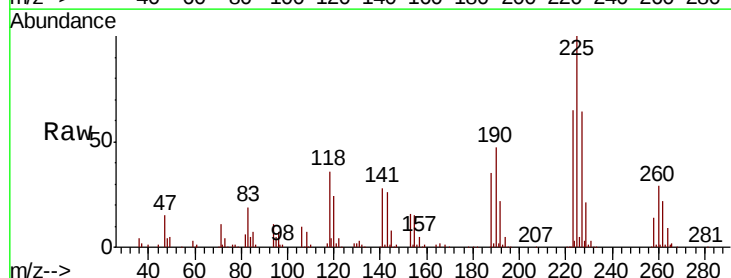
RT: 13.69 min Scan# 3918

Delta R.T. 0.00 min

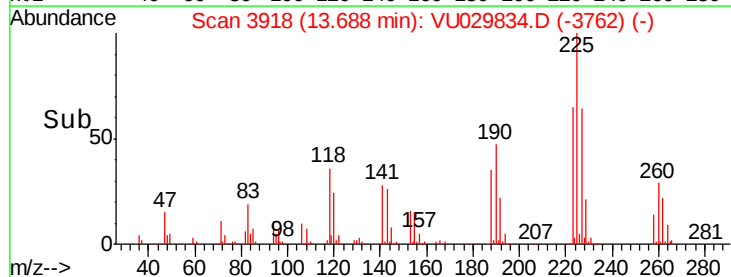
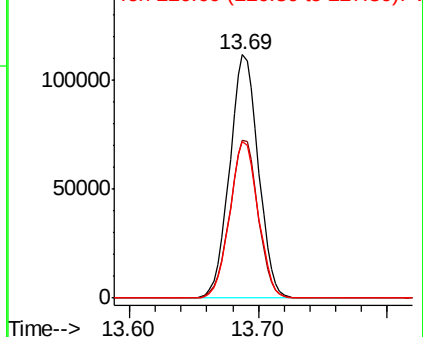
Lab File: VU029834.D

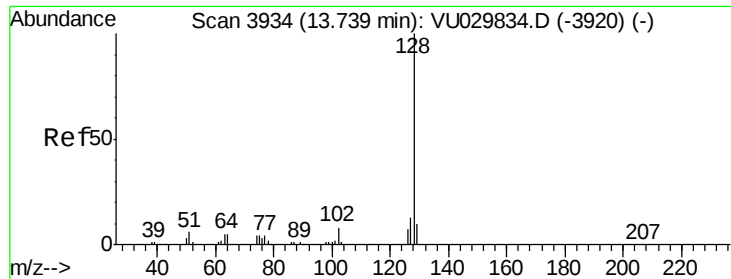
Acq: 06 Mar 2019 11:14

Tgt Ion:	225	Resp:	172360
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.2	76.8
227	63.6	50.9	76.3



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





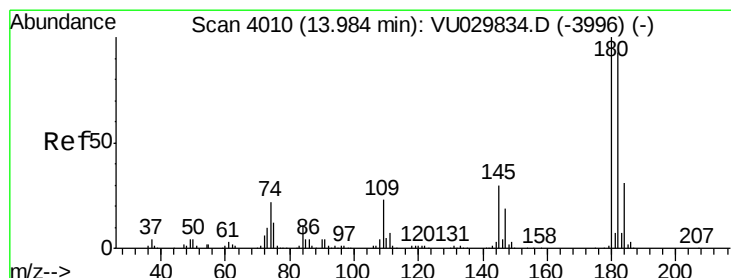
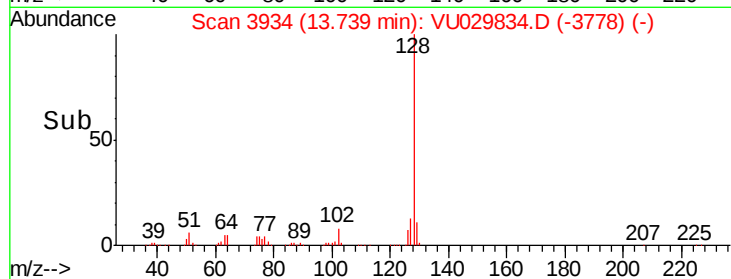
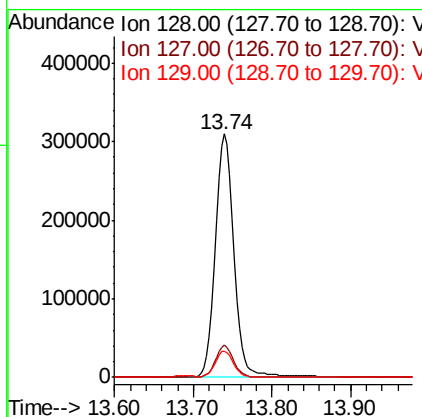
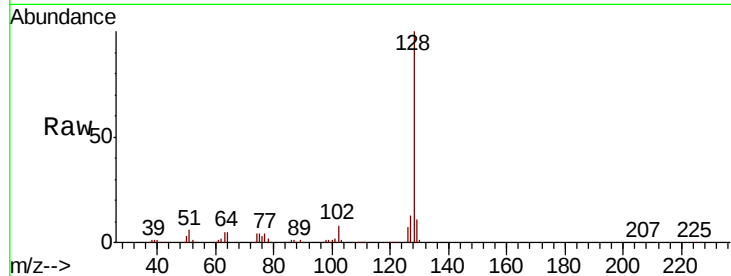
#89
Naphthalene
Concen: 11.772 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.3	8.2	12.4

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#90
1,2,3-Trichlorobenzene
Concen: 10.953 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU029834.D
Acq: 06 Mar 2019 11:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.8	112.2
145	30.7	24.6	36.8

