

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031019\
 Data File : VU029877.D
 Acq On : 08 Mar 2019 10:10
 Operator : JC/SP
 Sample : MDL06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 6:55:33 PM

Quant Time: Mar 08 22:55:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	59818	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19158	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	22356	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	4726	0.236	ug/l	98
3) Chloromethane	1.33	50	5000	0.281	ug/l	93
4) Vinyl Chloride	1.40	62	5167	0.258	ug/l	90
5) Bromomethane	1.63	94	4376	0.320	ug/l	93
6) Chloroethane	1.70	64	3417	0.284	ug/l	96
7) Trichlorofluoromethane	1.88	101	6876	0.252	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3589	0.226	ug/l	89
9) 1,1-Dichloroethene	2.28	96	4102	0.264	ug/l	98
10) Iodomethane	2.41	142	2406	0.713	ug/l	95
11) Allyl Chloride	2.59	41	5282	0.241	ug/l	96
12) Acrylonitrile	2.93	53	2065	0.609	ug/l	93
13) Acetone	2.32	43	3950	1.406	ug/l	89
14) Carbon Disulfide	2.47	76	12597	0.250	ug/l	95
15) Methylene Chloride	2.69	84	6328	0.339	ug/l	93
16) trans-1,2-Dichloroethene	2.98	96	4147	0.236	ug/l	90
17) 1,1-Dichloroethane	3.44	63	8263	0.281	ug/l	98
18) 2-Butanone	4.29	43	4444	1.164	ug/l	97
19) Cyclohexane	4.99	56	5569m	0.244	ug/l	
20) Methylcyclohexane	6.41	83	6204	0.233	ug/l	95
21) 2,2-Dichloropropane	4.22	77	7445	0.310	ug/l #	70
22) cis-1,2-Dichloroethene	4.22	96	4816	0.259	ug/l	83
23) Diethyl Ether	2.10	59	2762	0.237	ug/l #	87
24) tert-Butyl Alcohol	2.83	59	4344	3.610	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	10159	0.259	ug/l	94
26) Bromochloromethane	4.55	128	1942	0.235	ug/l	91
27) Chloroform	4.67	83	7719	0.259	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	6559	0.260	ug/l	95
29) 1,1-Dichloropropene	5.13	75	5147	0.229	ug/l	98
30) Carbon Tetrachloride	5.12	117	5237	0.238	ug/l	90
31) Isopropyl Ether	3.58	45	10668	0.263	ug/l	89
32) Ethyl-t-butyl ether	4.07	59	9984	0.253	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	8774	0.241	ug/l	100
34) Propionitrile	4.34	54	968m	0.852	ug/l	
35) Benzene	5.38	78	17702	0.268	ug/l	96
36) 1,2-Dichloroethane	5.41	62	4487	0.249	ug/l	98
37) Trichloroethene	6.19	130	4774	0.247	ug/l	86
38) 1,2-Dichloropropane	6.43	63	3769	0.225	ug/l	89
39) Methacrylonitrile	4.55	41	1184m	0.248	ug/l	
41) Tetrahydrofuran	4.66	42	1368	0.547	ug/l #	57
42) 1-Chlorobutane	5.06	56	7293	0.254	ug/l	96
43) Dibromomethane	6.56	93	2022	0.233	ug/l	91

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Quant Time: Mar 08 22:55:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.76	83	4650	0.218	ug/l	96
45) 4-Methyl-2-Pentanone	7.47	43	9911	1.096	ug/l	96
46) t-1,4-Dichloro-2-butene	10.51	75	1496m	0.396	ug/l	
47) Methyl methacrylate	6.64	69	2987	0.401	ug/l #	94
49) Toluene	7.64	92	9019	0.222	ug/l	90
50) t-1,3-Dichloropropene	7.89	75	3952	0.212	ug/l #	87
51) cis-1,3-Dichloropropene	7.28	75	4962	0.215	ug/l #	89
52) 1,1,2-Trichloroethane	8.07	97	3060	0.238	ug/l	94
53) 1,3-Dichloropropane	8.25	76	5103	0.242	ug/l	99
54) 2-Hexanone	8.37	43	6818	1.086	ug/l	96
55) Dibromochloromethane	8.48	129	3467	0.228	ug/l	98
56) 1,2-Dibromoethane	8.59	107	2903	0.239	ug/l	90
58) Tetrachloroethene	8.22	164	6085	0.309	ug/l	88
59) Chlorobenzene	9.12	112	10826	0.232	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.21	131	3812	0.228	ug/l	99
61) Pentachloroethane	11.10	117	2570	0.221	ug/l	91
62) Hexachloroethane	12.14	117	2548	0.208	ug/l	97
63) Ethyl Benzene	9.25	91	16665	0.218	ug/l	99
64) m/p-Xylenes	9.37	106	13461	0.446	ug/l	93
65) o-Xylene	9.78	106	6079	0.210	ug/l	89
67) Bromoform	9.96	173	1967	0.220	ug/l #	95
69) Isopropylbenzene	10.16	105	16666	0.217	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	3834	0.245	ug/l #	94
71) 1,2,3-Trichloropropane	10.49	75	3038m	0.261	ug/l	
72) Bromobenzene	10.45	156	4521	0.222	ug/l	84
73) n-propylbenzene	10.59	120	4378	0.202	ug/l	93
74) 2-Chlorotoluene	10.66	126	4171	0.217	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	13020	0.201	ug/l	99
76) 4-Chlorotoluene	10.77	126	4181	0.214	ug/l	88
77) tert-Butylbenzene	11.10	119	13380	0.209	ug/l	96
79) sec-Butylbenzene	11.32	105	17903	0.211	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	9347	0.232	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	8481	0.215	ug/l	92
85) 1,2-Dichlorobenzene	11.88	146	9204	0.242	ug/l	97
88) Hexachlorobutadiene	13.69	225	3647	0.238	ug/l	94
89) Naphthalene	13.75	128	4743	0.554	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	5003m	0.219	ug/l	

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

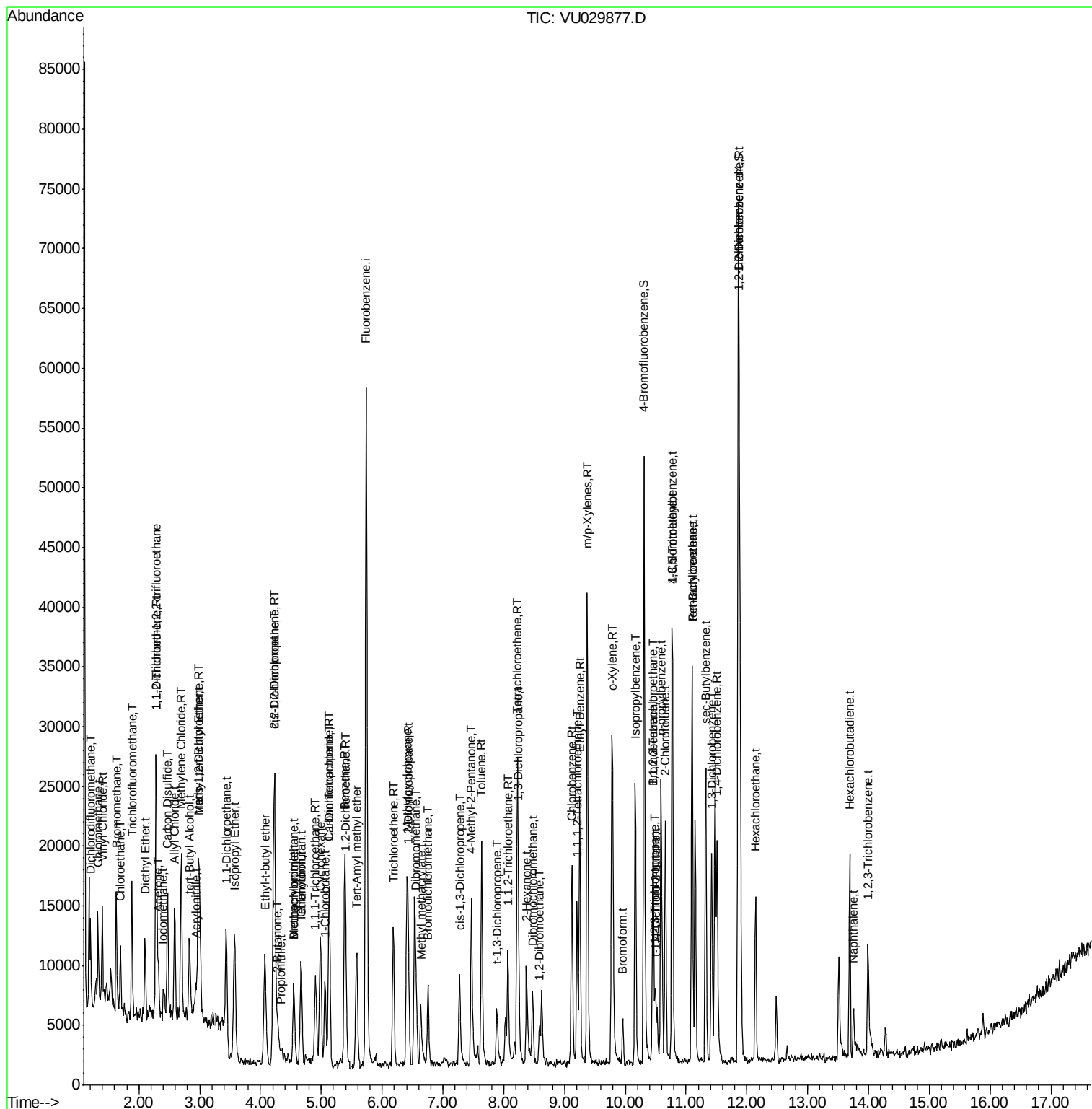
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031019\
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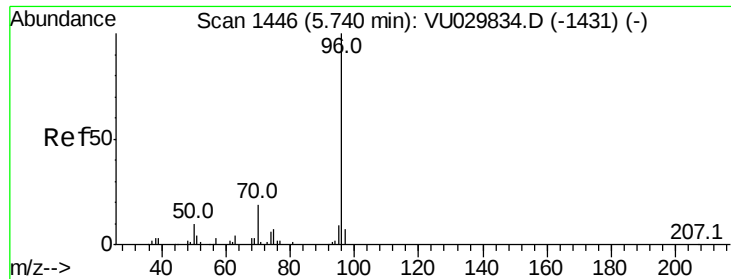
Instrument :
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 ClientSampleID :
 MDL06

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

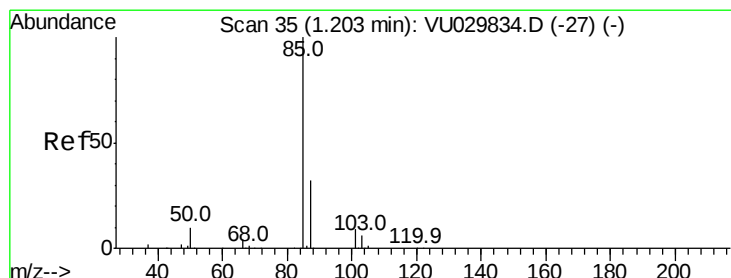
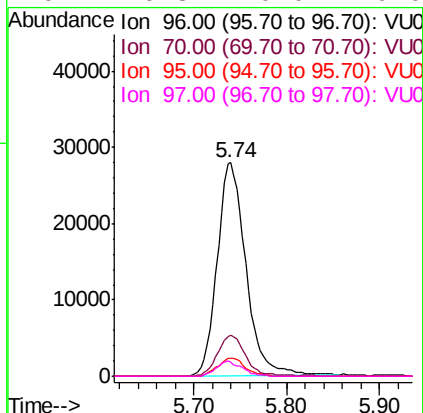
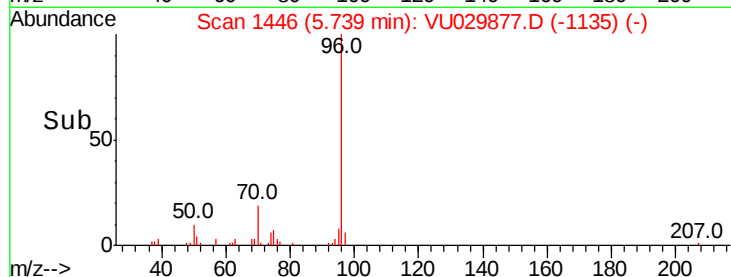
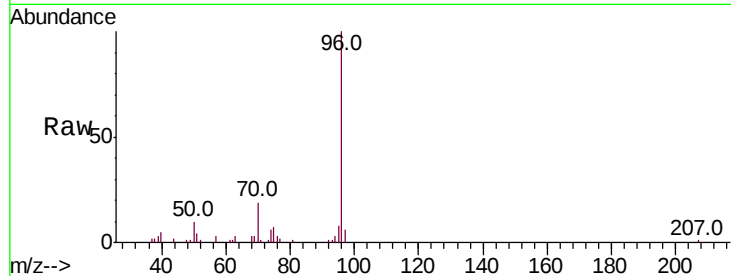
ClientSampleId :

MDL06

Tot Ion	96	Resp	59818
Ion Ratio	Lower	Upper	
96	100		
70	17.6	14.4	21.6
95	8.2	7.0	10.6
97	6.3	0.0	0.0#

Manual Integrations
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3/11/2019 6:55:33 PM



#2

Dichlorodifluoromethane

Concen: 0.236 ug/l

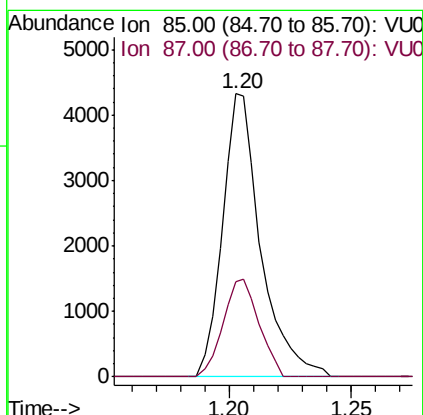
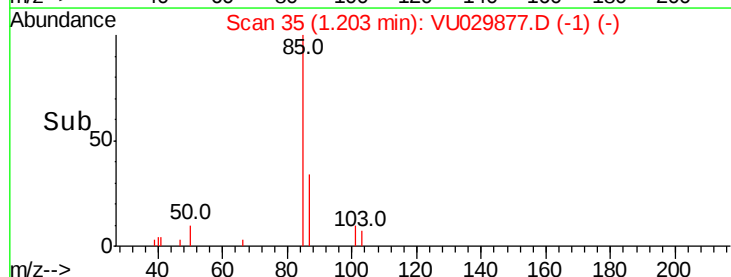
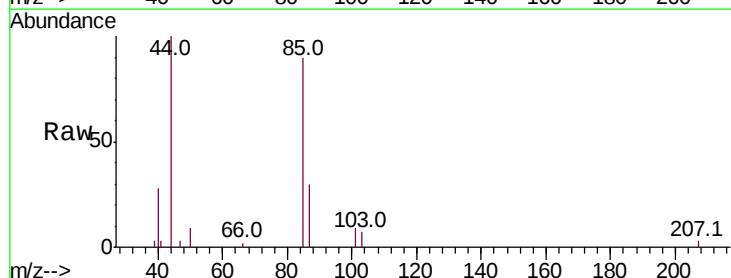
RT: 1.20 min Scan# 35

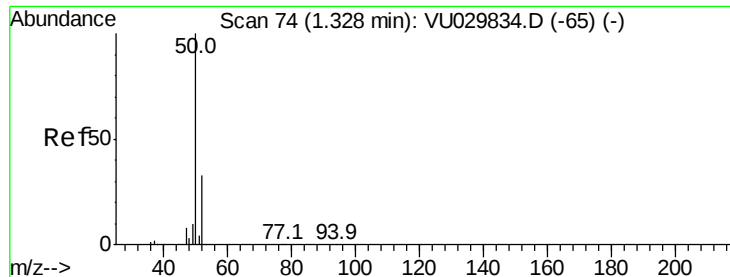
Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion	85	Resp	4726
Ion Ratio	Lower	Upper	
85	100		
87	33.6	16.2	48.6





#3

Chloromethane

Concen: 0.281 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampled :

MDL06

Tot Ion: 50 Resp: 5000

Ion Ratio Lower Upper

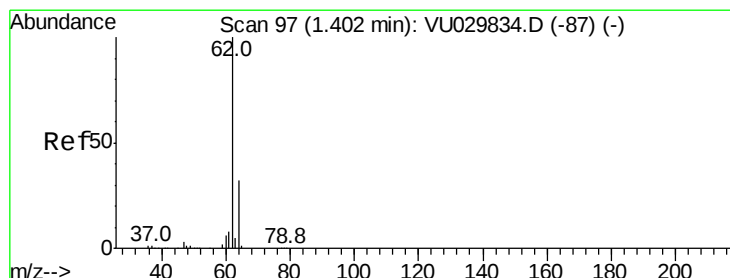
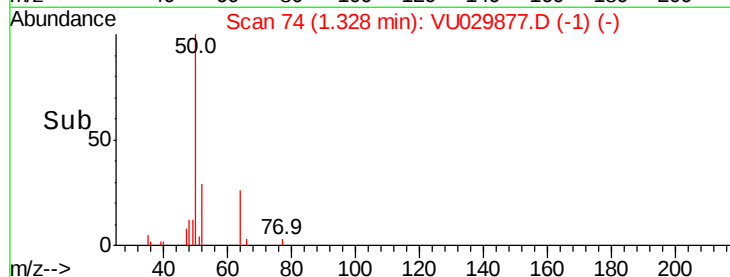
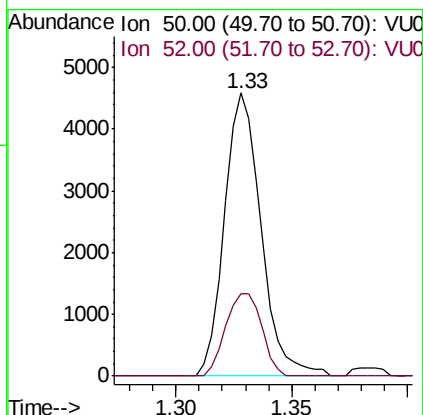
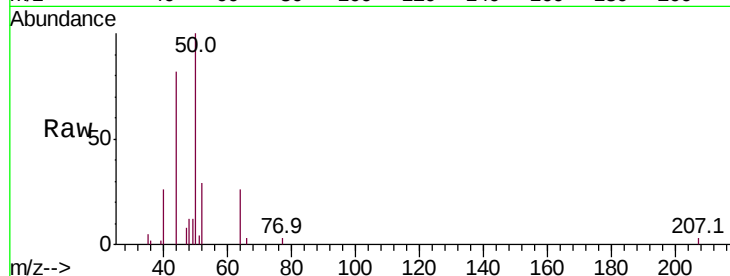
50 100

52 28.9 26.5 39.7

Manual Integrations
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3/11/2019 6:55:33 PM



#4

Vinyl Chloride

Concen: 0.258 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029877.D

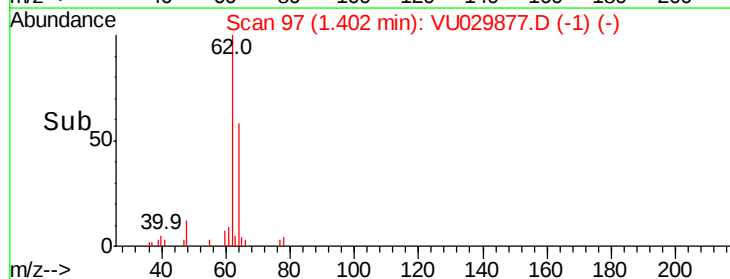
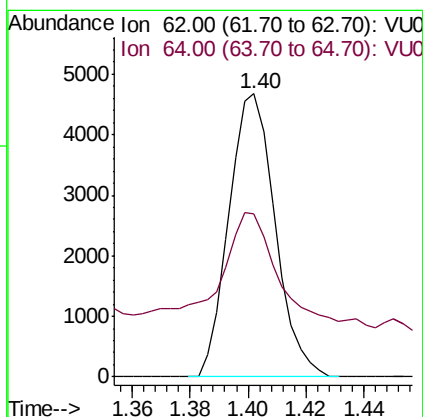
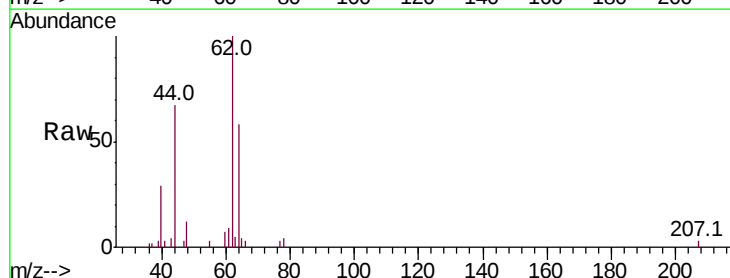
Acq: 08 Mar 2019 10:10

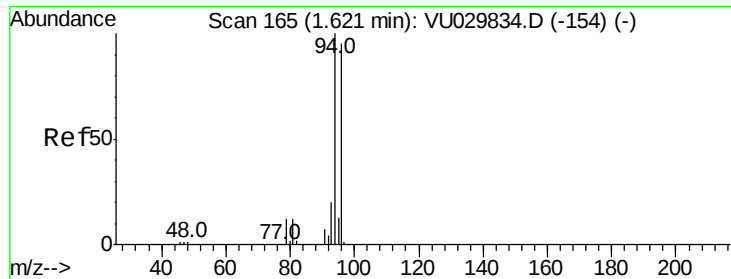
Tgt Ion: 62 Resp: 5167

Ion Ratio Lower Upper

62 100

64 37.9 25.7 38.5





#5

Bromomethane

Concen: 0.320 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 94 Resp: 4376

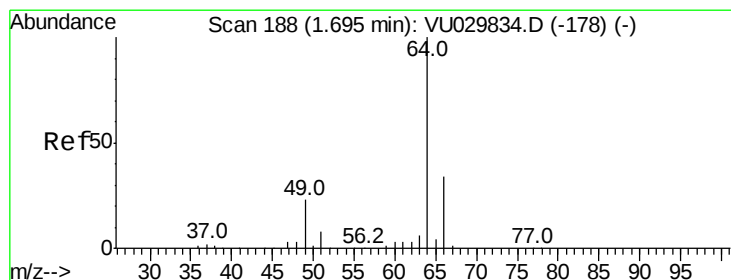
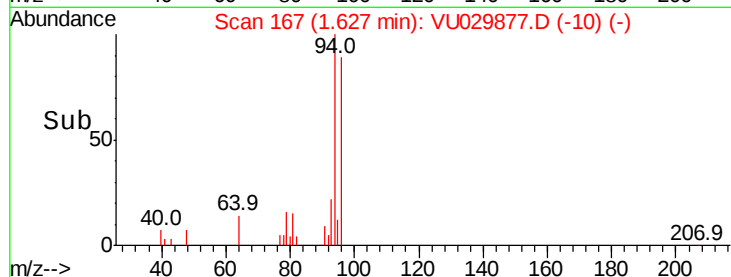
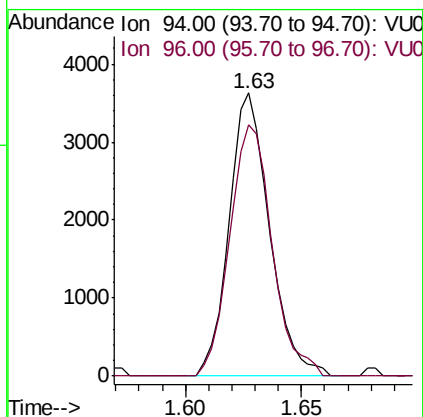
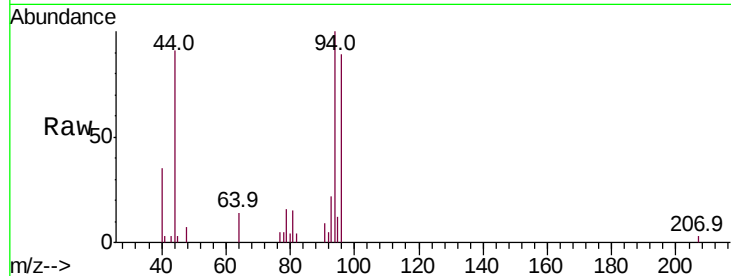
Ion Ratio Lower Upper

94 100

96 88.8 76.4 114.6

Manual Integrations
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3/11/2019 6:55:33 PM



#6

Chloroethane

Concen: 0.284 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029877.D

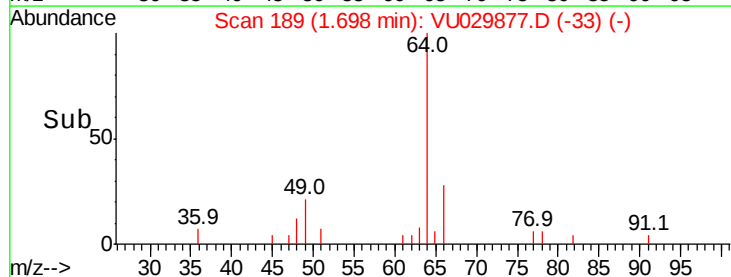
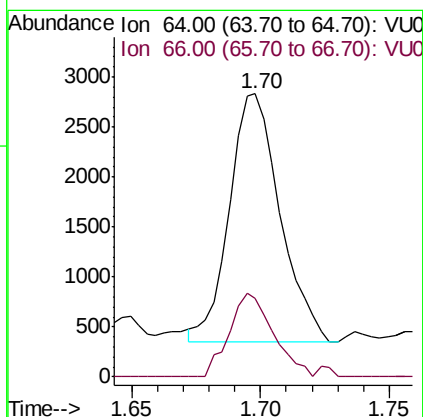
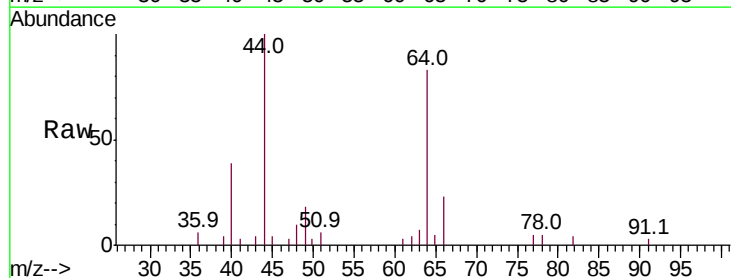
Acq: 08 Mar 2019 10:10

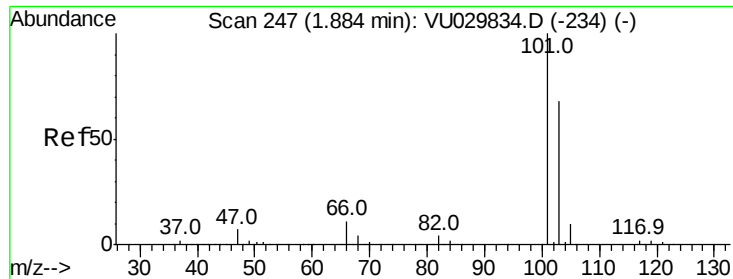
Tgt Ion: 64 Resp: 3417

Ion Ratio Lower Upper

64 100

66 31.8 27.3 40.9





#7

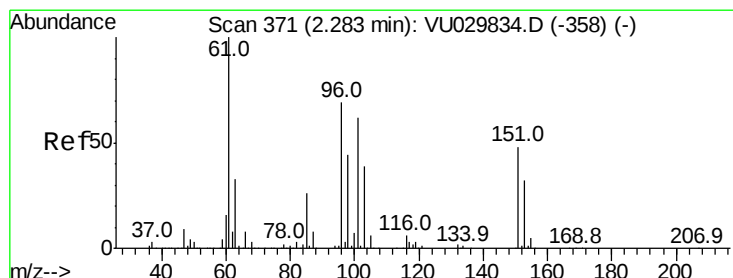
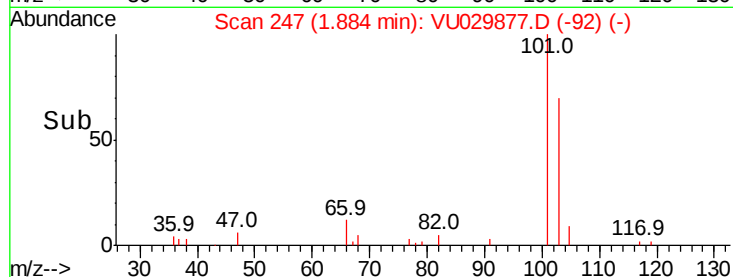
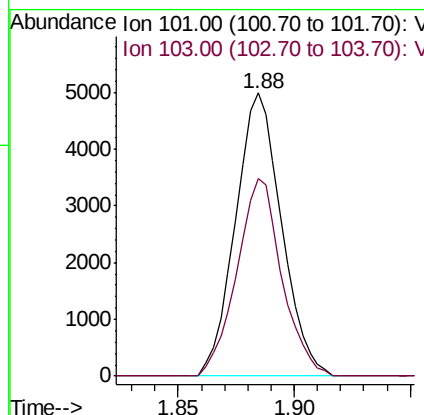
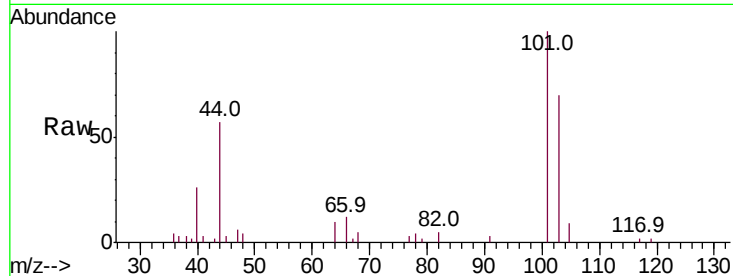
Trichlorofluoromethane
Concen: 0.252 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029877.D
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MDL06

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.6	54.2	81.2

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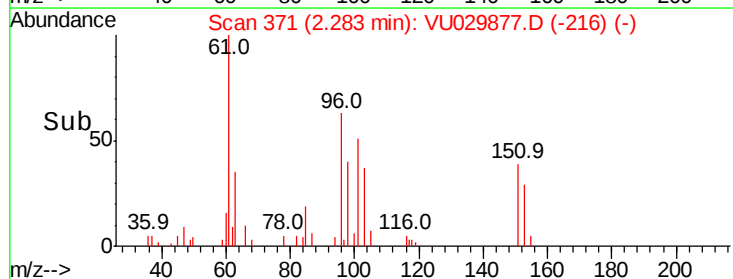
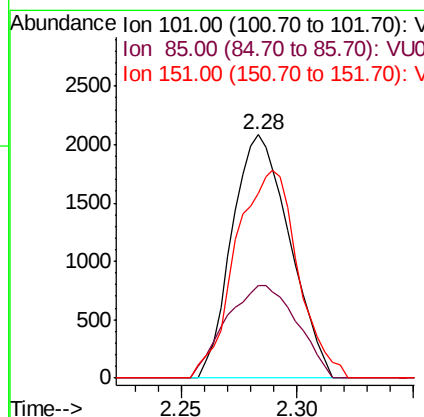
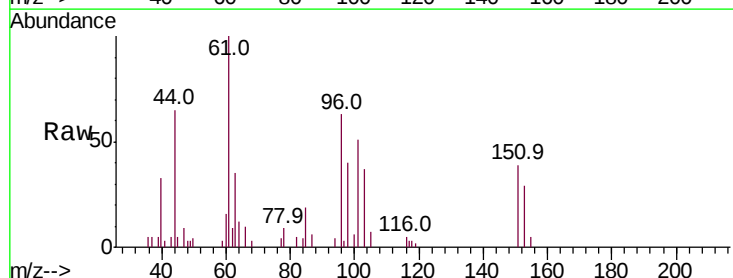
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3/11/2019 6:55:33 PM

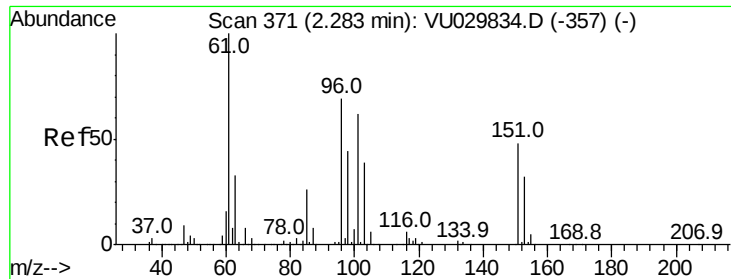


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.226 ug/l
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.8	33.4	50.0
151	92.2	64.6	97.0





#9

1,1-Dichloroethene

Concen: 0.264 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

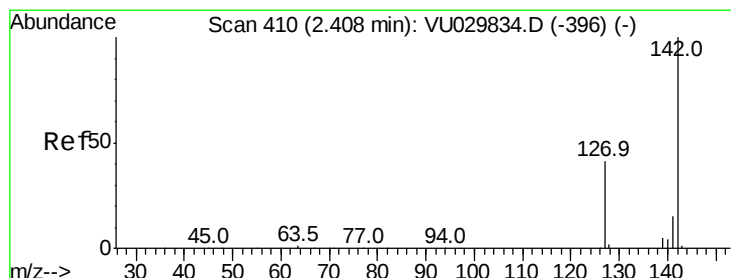
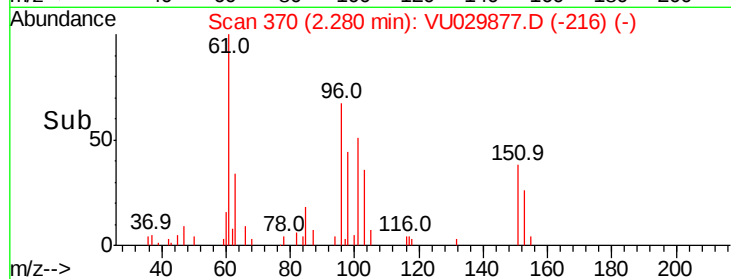
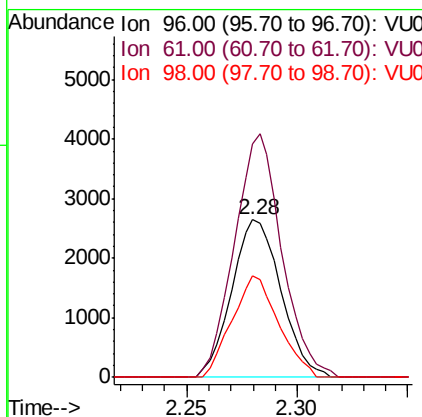
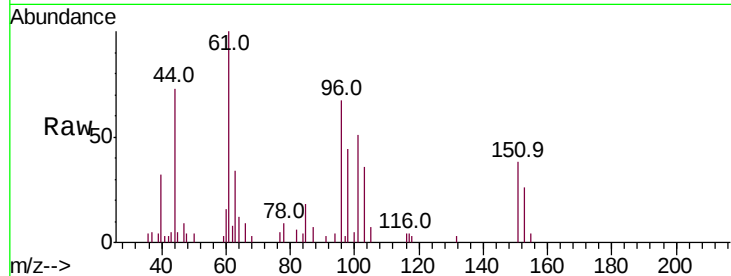
ClientSampled :

MDL06

Tot Ion:	96	Resp:	4102
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	435.3
98	64.8	0.0	128.6

Manual Integrations
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3/11/2019 6:55:33 PM



#10

Iodomethane

Concen: 0.713 ug/l

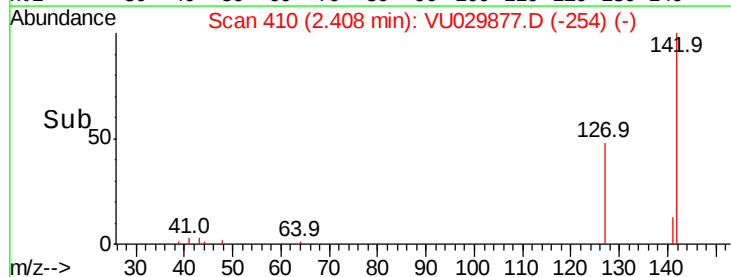
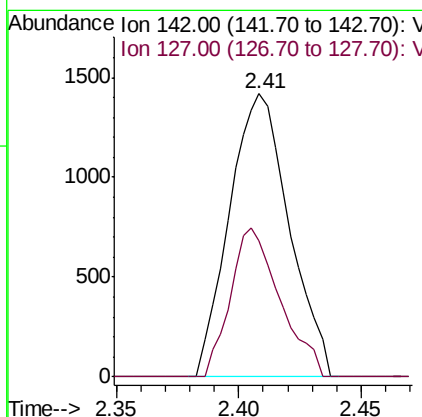
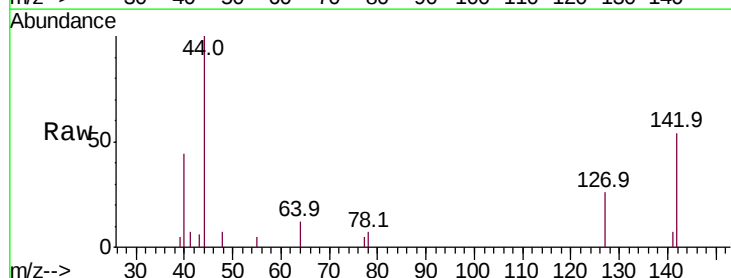
RT: 2.41 min Scan# 410

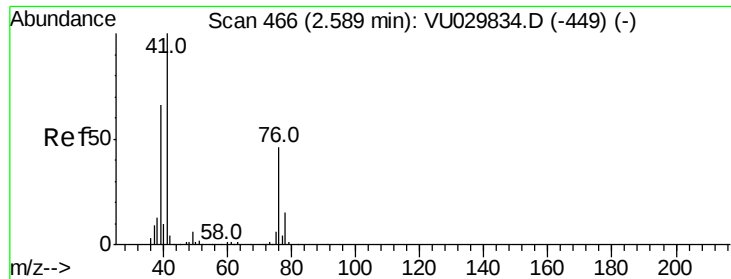
Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion:	142	Resp:	2406
Ion	Ratio	Lower	Upper
142	100		
127	43.7	32.3	48.5





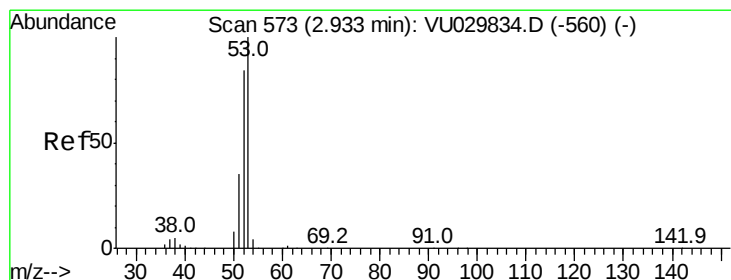
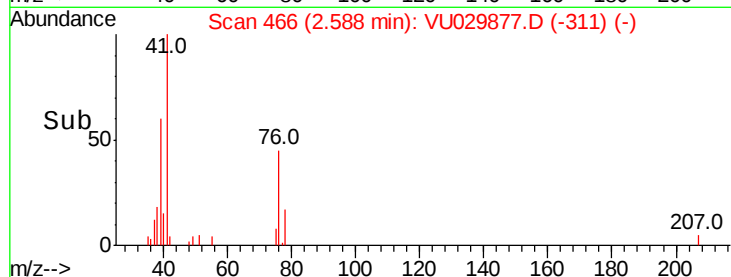
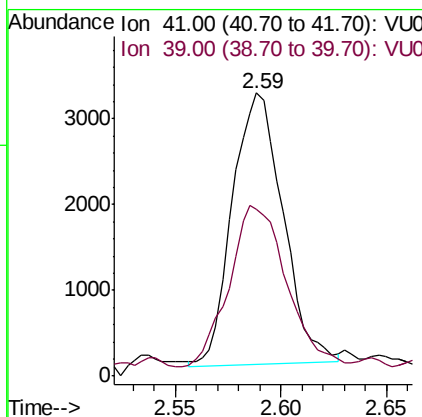
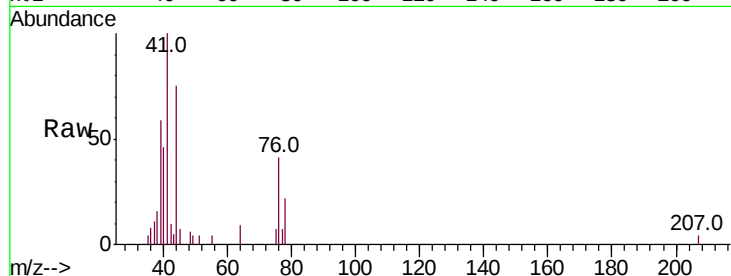
#11
Allvl Chloride
Concen: 0.241 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampled :
MDL06

Tot Ion: 41 Resp: 5282
Ion Ratio Lower Upper
41 100
39 67.7 51.6 77.4

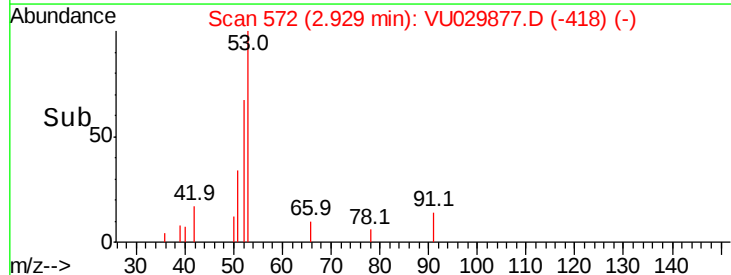
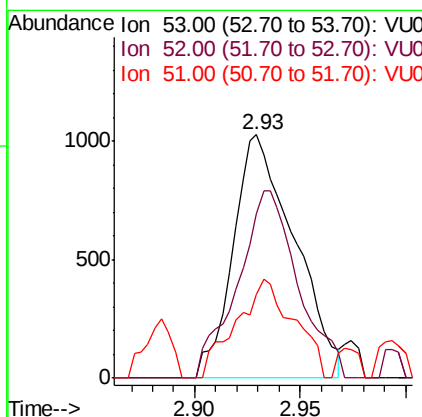
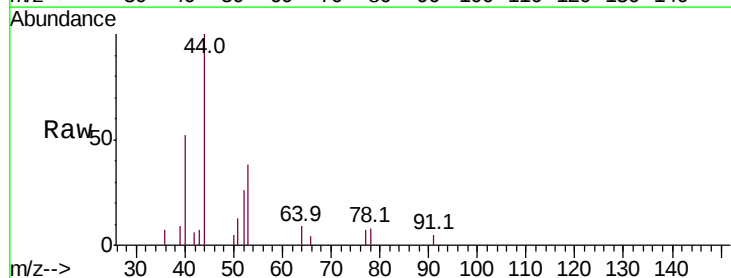
Manual Integrations
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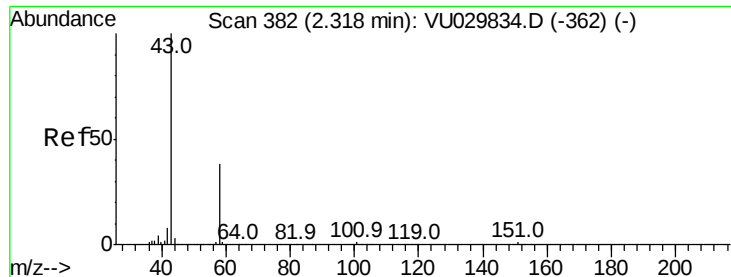
MMDadoda
3/11/2019 6:55:33 PM



#12
Acrylonitrile
Concen: 0.609 ug/l
RT: 2.93 min Scan# 572
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion: 53 Resp: 2065
Ion Ratio Lower Upper
53 100
52 76.3 66.5 99.7
51 38.5 28.6 42.8





#13

Acetone

Concen: 1.406 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampled :

MDL06

Tot Ion: 43 Resp: 3950

Ion Ratio Lower Upper

43 100

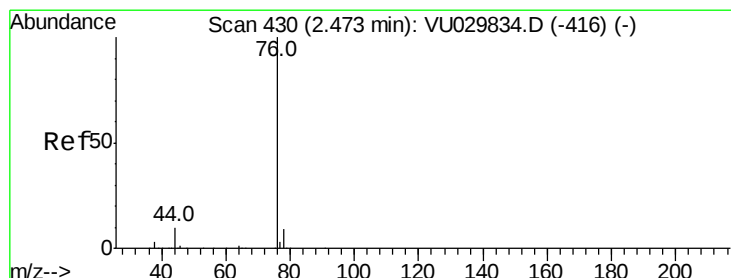
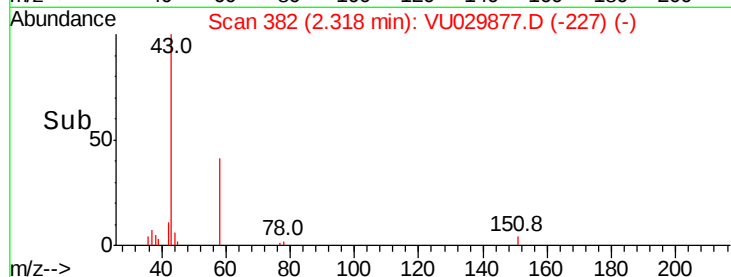
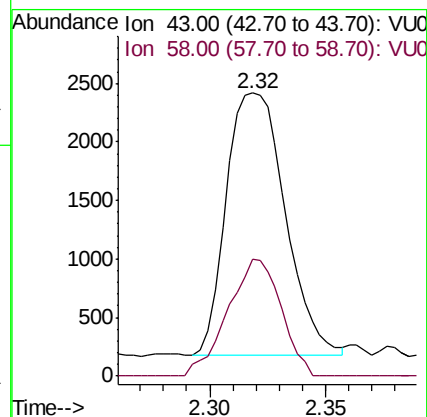
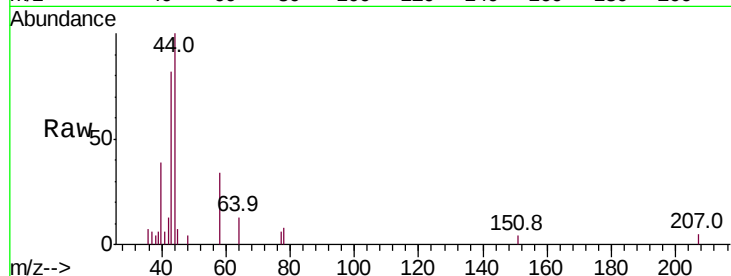
58 44.5 30.2 45.2

Manual Integrations

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MMDadoda

3/11/2019 6:55:33 PM



#14

Carbon Disulfide

Concen: 0.250 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029877.D

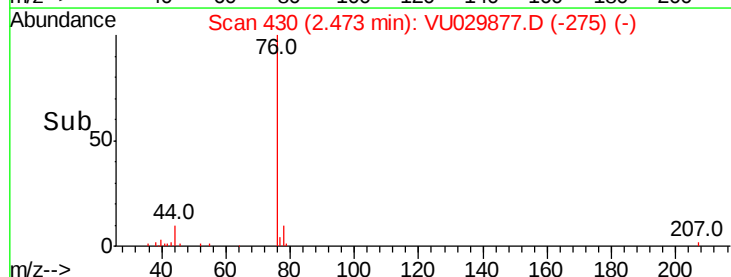
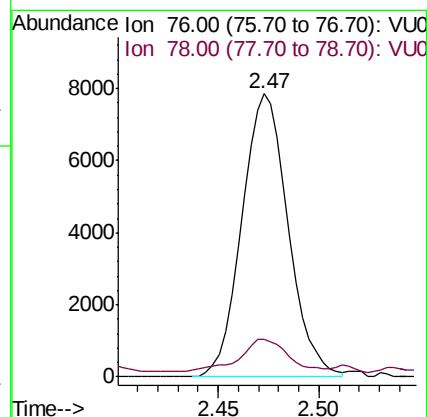
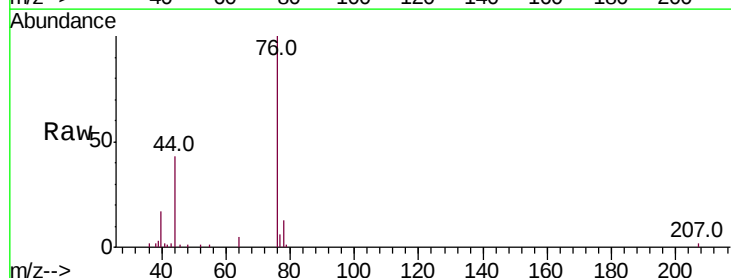
Acq: 08 Mar 2019 10:10

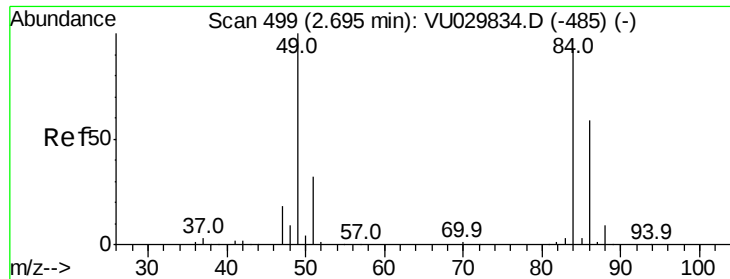
Tgt Ion: 76 Resp: 12597

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8





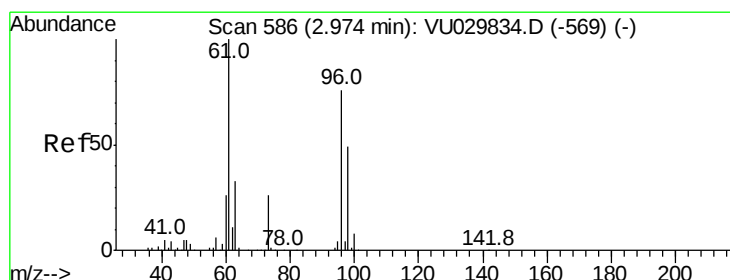
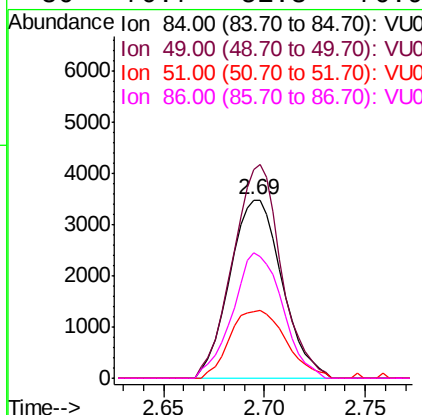
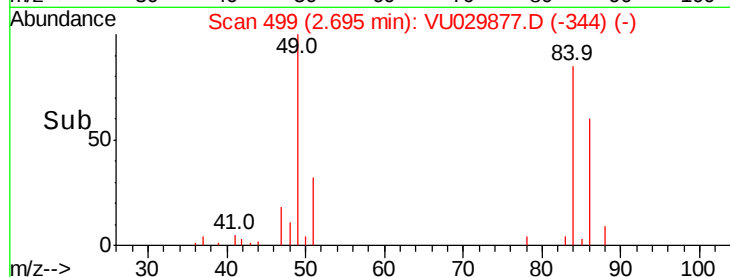
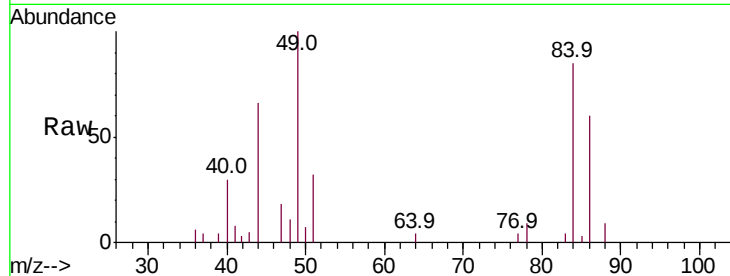
#15
Methvlene Chloride
Concen: 0.339 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampled :
MDL06

Tot Ion:	84	Resp:	6328
Ion	Ratio	Lower	Upper
84	100		
49	117.1	87.2	130.8
51	37.2	0.0	69.0
86	70.7	51.3	76.9

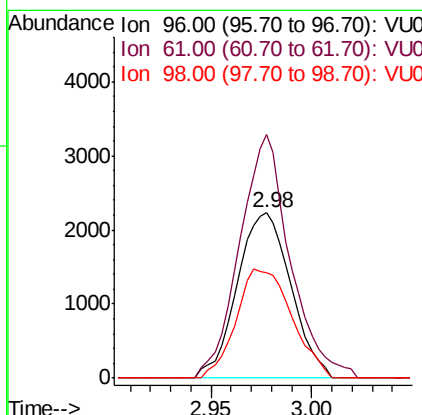
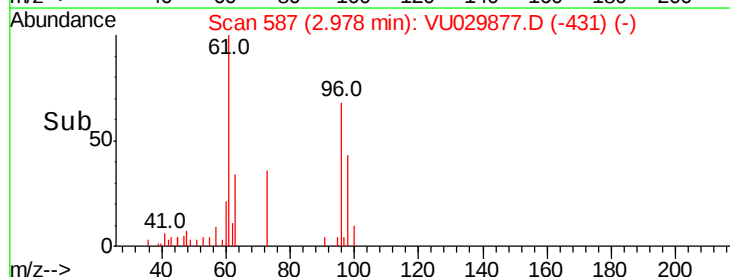
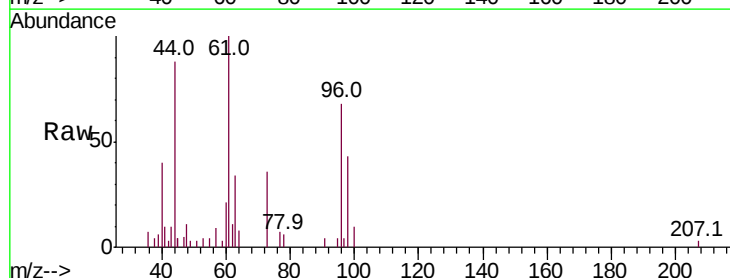
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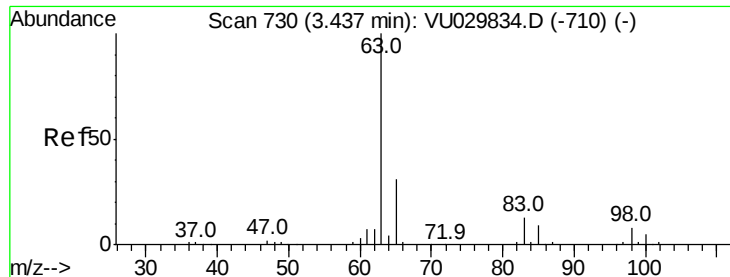
MMDadoda
3/11/2019 6:55:33 PM



#16
trans-1,2-Dichloroethene
Concen: 0.236 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion:	96	Resp:	4147
Ion	Ratio	Lower	Upper
96	100		
61	147.3	104.7	157.1
98	63.9	50.9	76.3





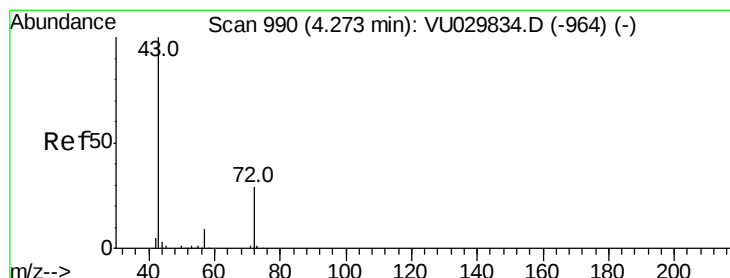
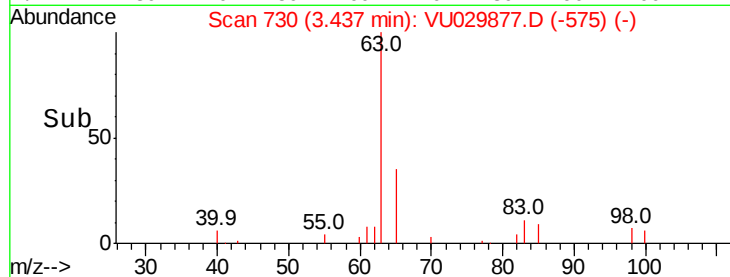
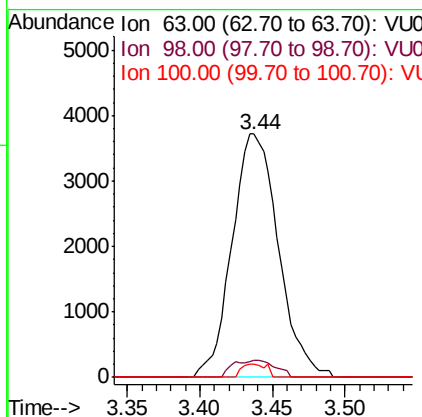
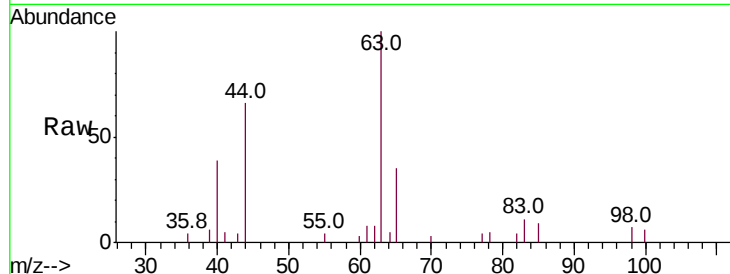
#17
 1,1-Dichloroethane
 Concen: 0.281 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion:	63	Resp:	8263
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.4
100	5.6	2.4	7.1

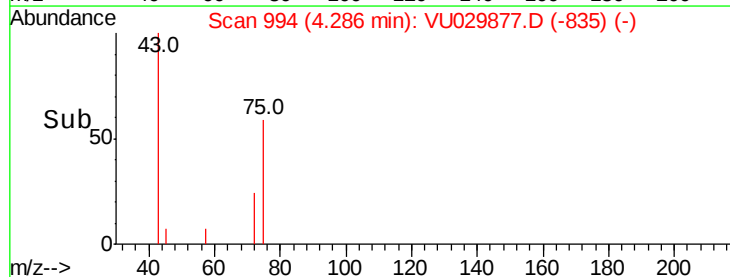
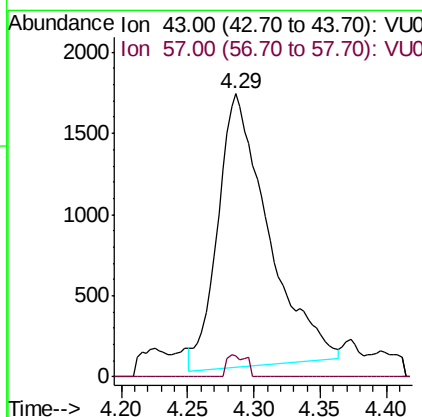
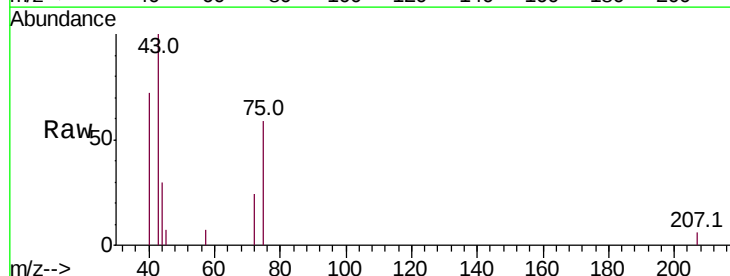
Manual Integrations
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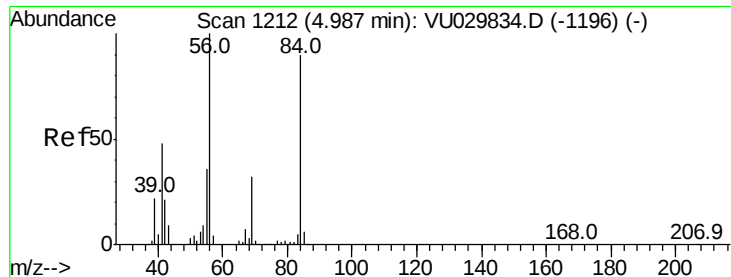
MMDadoda
 3/11/2019 6:55:33 PM



#18
 2-Butanone
 Concen: 1.164 ug/l
 RT: 4.29 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion:	43	Resp:	4444
Ion	Ratio	Lower	Upper
43	100		
57	8.1	0.0	18.6





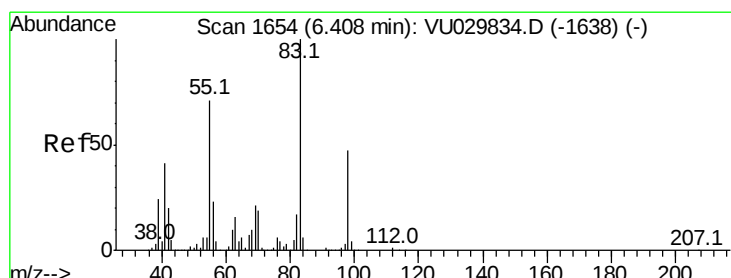
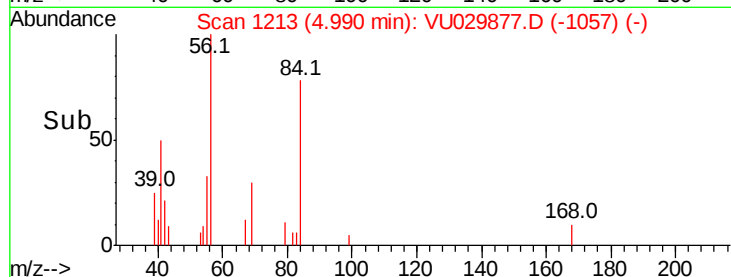
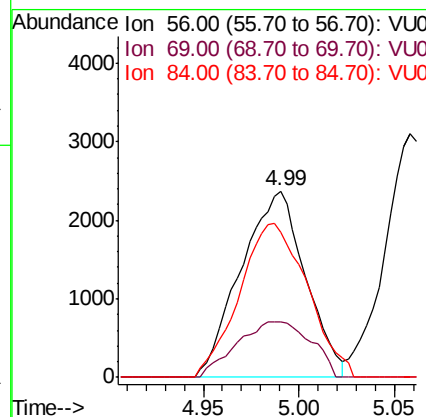
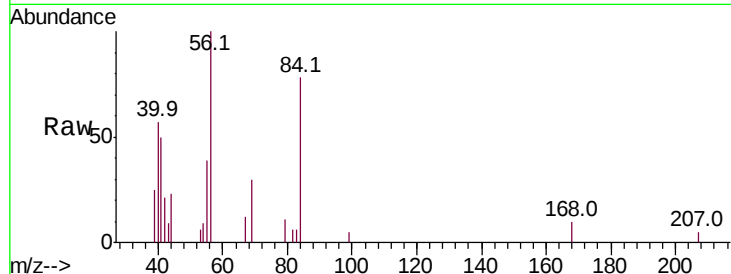
#19
Cyclohexane
Concen: 0.244 ug/l m
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	29.4	44.2
84	86.7	84.6	127.0

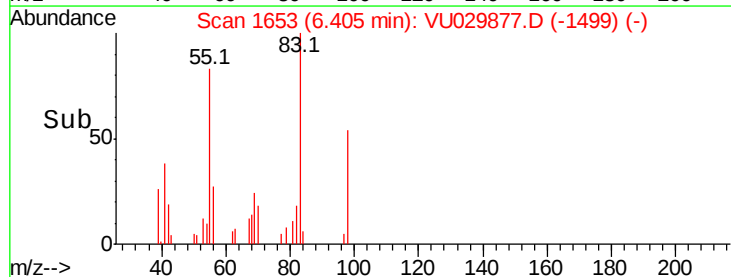
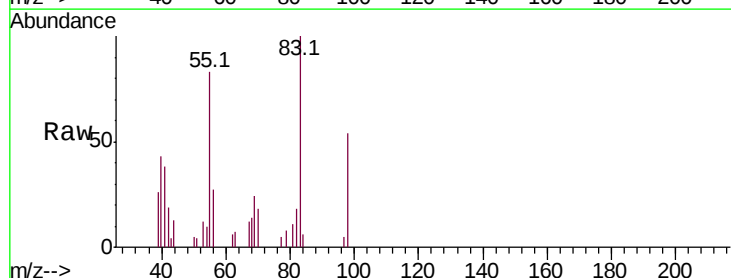
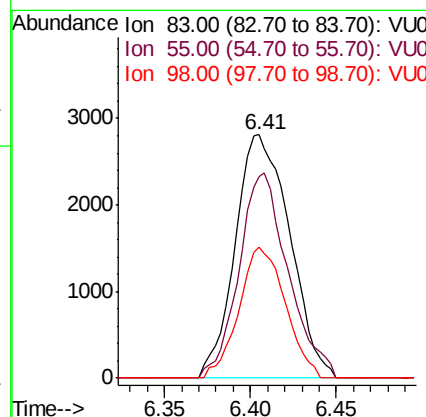
Manual Integrations
APPROVED

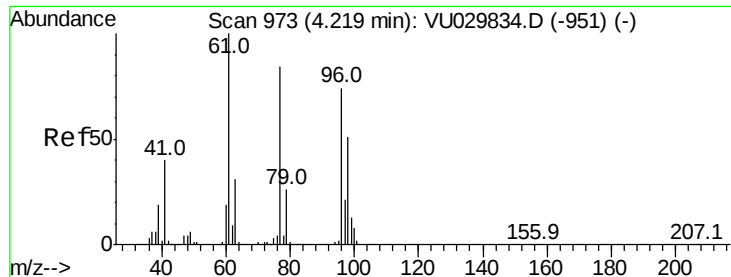
MMDadoda
3/11/2019 6:55:33 PM



#20
Methylcyclohexane
Concen: 0.233 ug/l
RT: 6.41 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	55.9	83.9
98	45.8	37.0	55.4





#21

2,2-Dichloropropane

Concen: 0.310 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 77 Resp: 7445

Ion Ratio Lower Upper

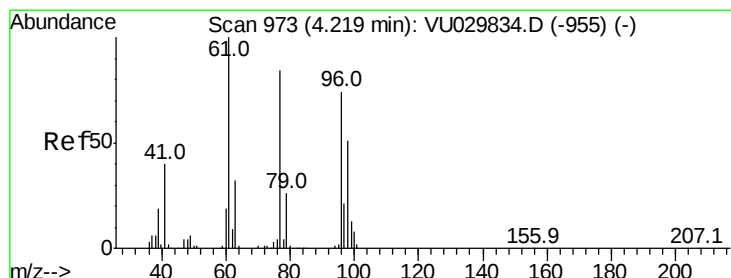
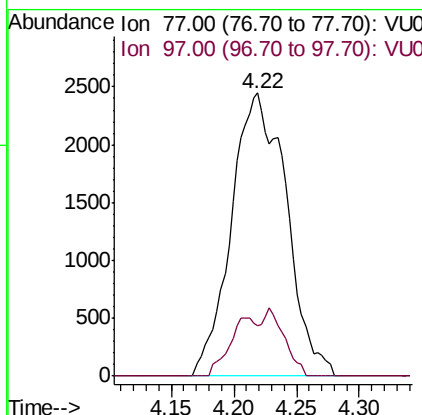
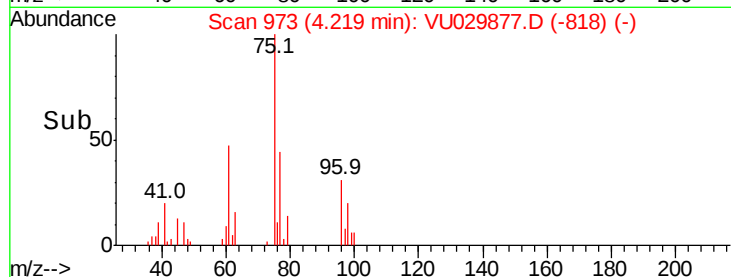
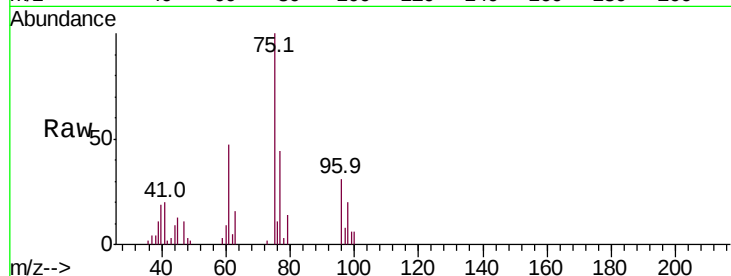
77 100

97 10.3 20.2 30.2#

Manual Integrations
APPROVED

MMDadoda

3/11/2019 6:55:33 PM



#22

cis-1,2-Dichloroethene

Concen: 0.259 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

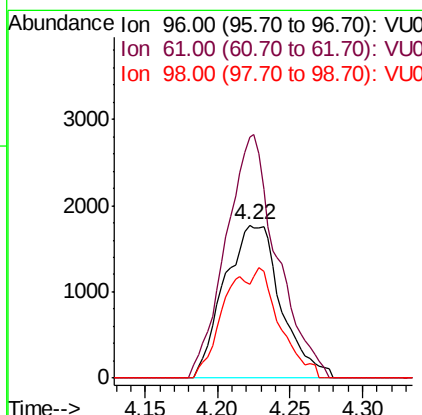
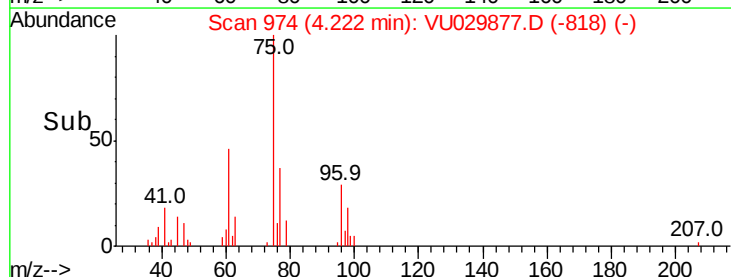
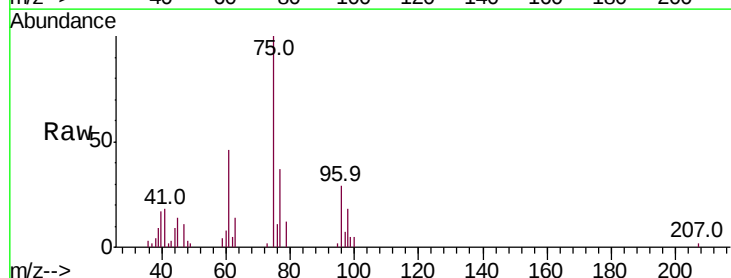
Tgt Ion: 96 Resp: 4816

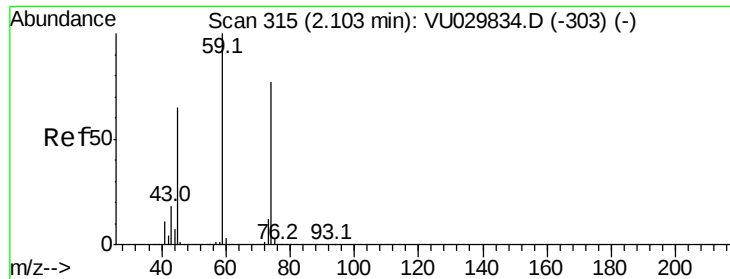
Ion Ratio Lower Upper

96 100

61 143.7 0.0 339.0

98 35.2 33.1 99.5





#23

Diethyl Ether

Concen: 0.237 ug/l

RT: 2.10 min Scan# 314

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampled :

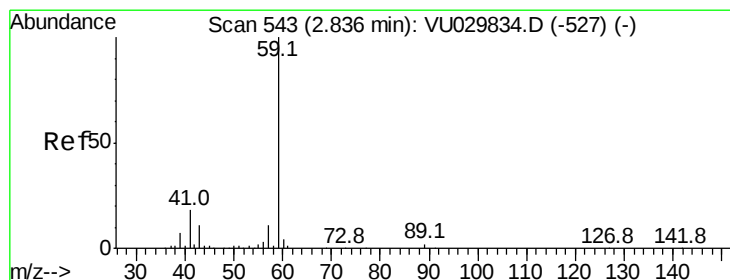
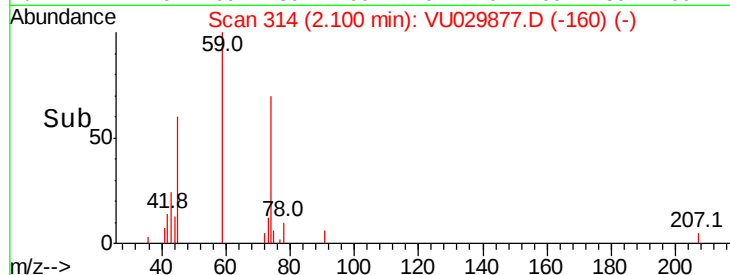
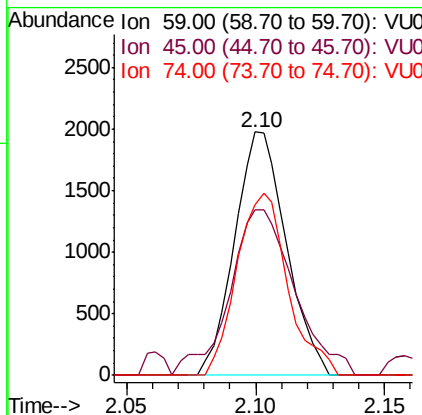
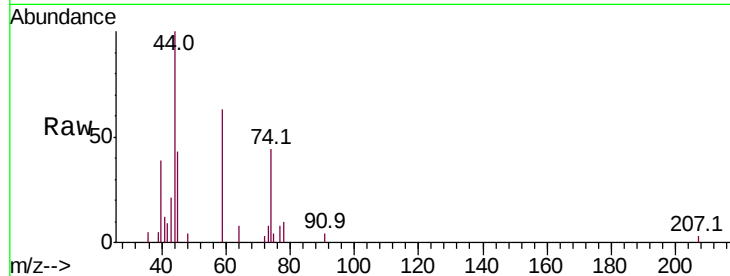
MDL06

Tot Ion: 59 Resp: 2762

Ion	Ratio	Lower	Upper
59	100		
45	85.7	52.7	79.1#
74	73.9	61.8	92.6

Manual Integrations
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MMDadoda
3/11/2019 6:55:33 PM



#24

tert-Butyl Alcohol

Concen: 3.610 ug/l

RT: 2.83 min Scan# 542

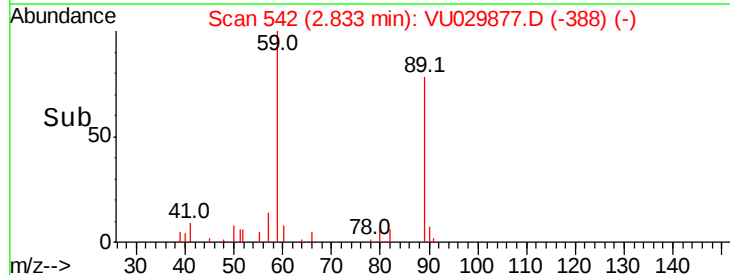
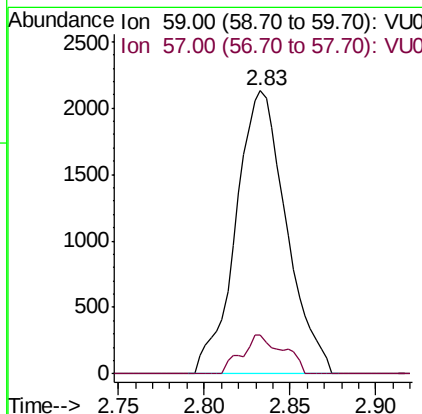
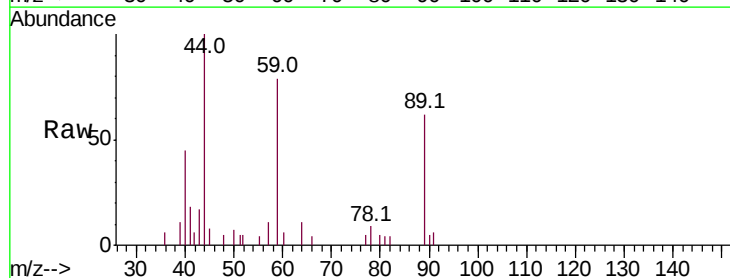
Delta R.T. -0.00 min

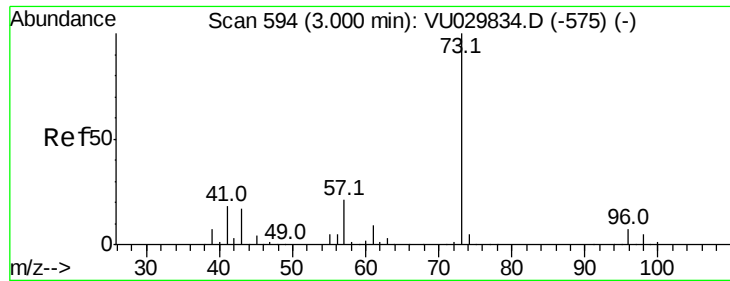
Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion: 59 Resp: 4344

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.5	12.7





#25

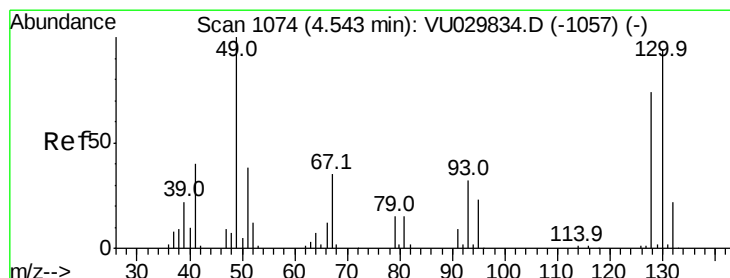
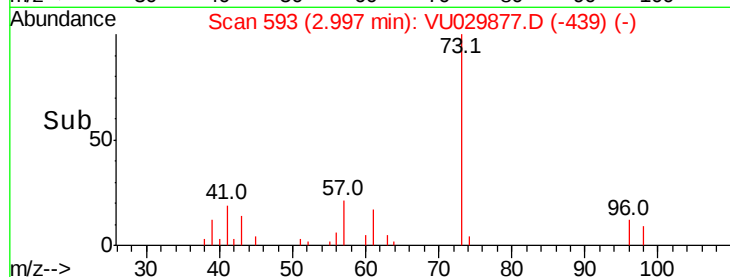
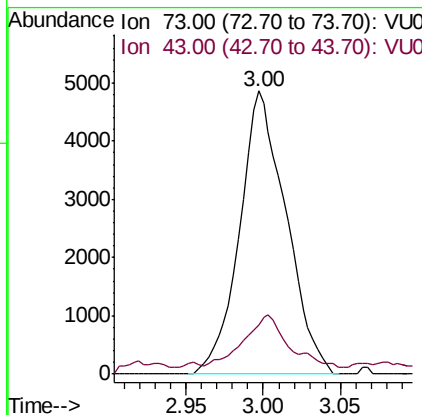
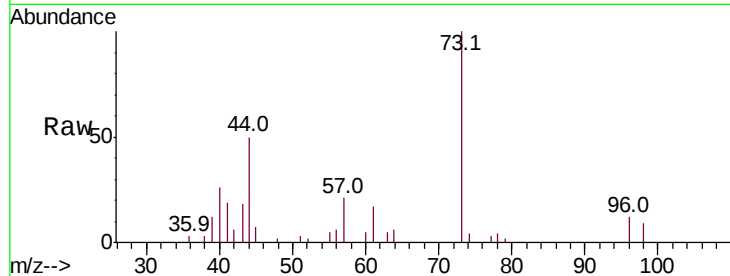
Methyl tert-Butyl Ether
 Concen: 0.259 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampled :
 MDL06

Tot Ion: 73 Resp: 10159
 Ion Ratio Lower Upper
 73 100
 43 19.1 13.1 19.7

Manual Integrations
 APPROVED

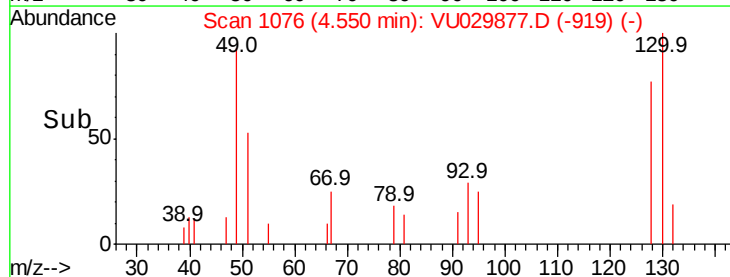
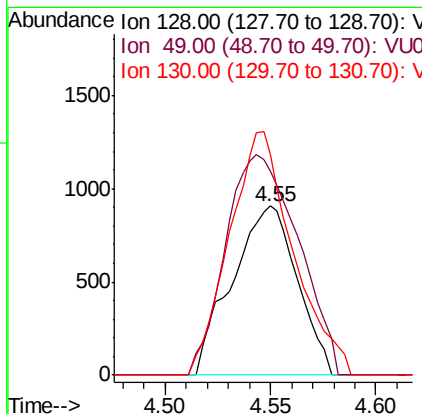
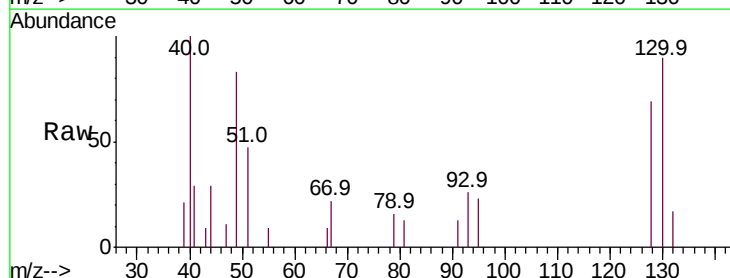
MMDadoda
 3/11/2019 6:55:33 PM

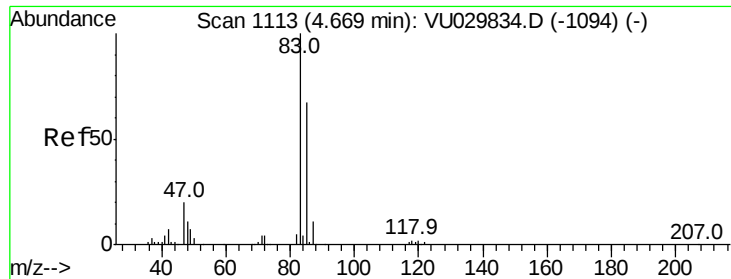


#26

Bromochloromethane
 Concen: 0.235 ug/l
 RT: 4.55 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion: 128 Resp: 1942
 Ion Ratio Lower Upper
 128 100
 49 145.7 0.0 270.6
 130 141.2 104.2 156.4





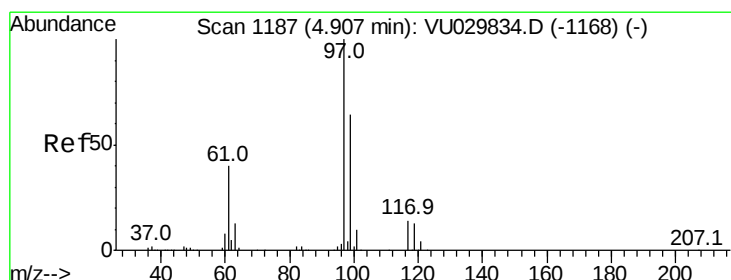
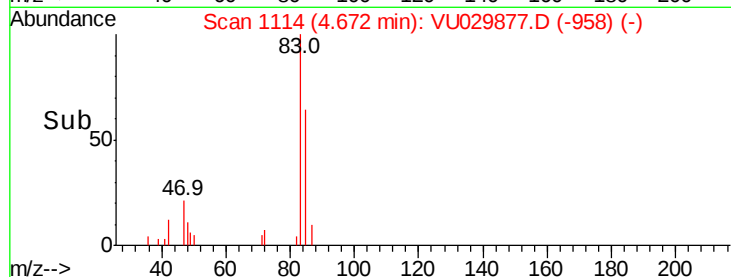
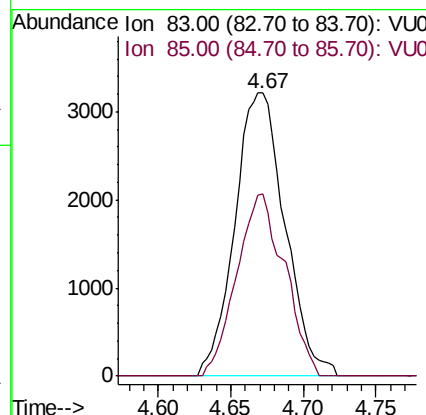
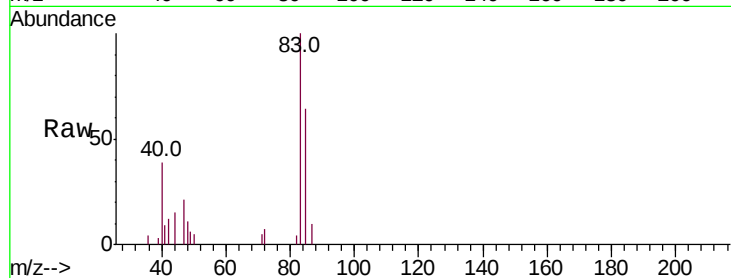
#27
Chloroform
Concen: 0.259 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion	83	85	Ratio	100	64.2	Resp:	7719	Lower	Upper
83	100								
85		64.2				0.0	133.2		

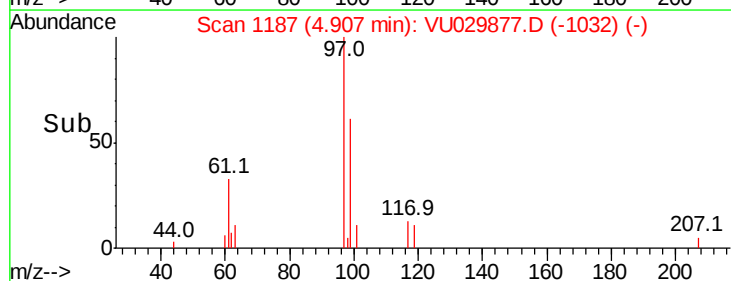
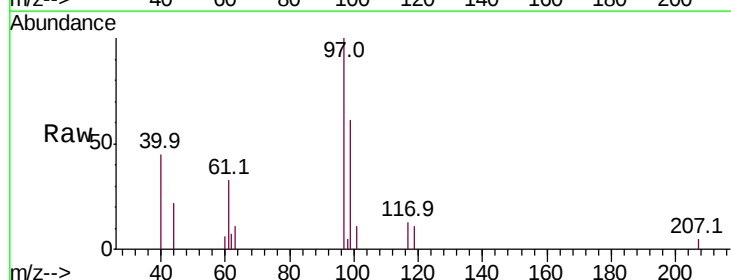
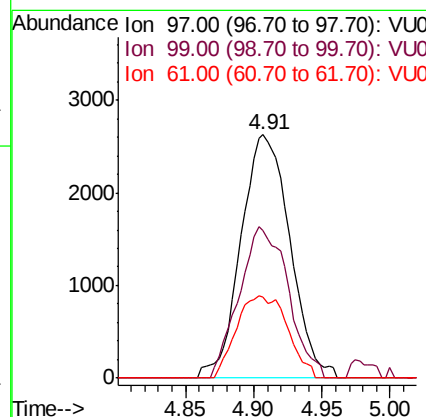
Manual Integrations
APPROVED

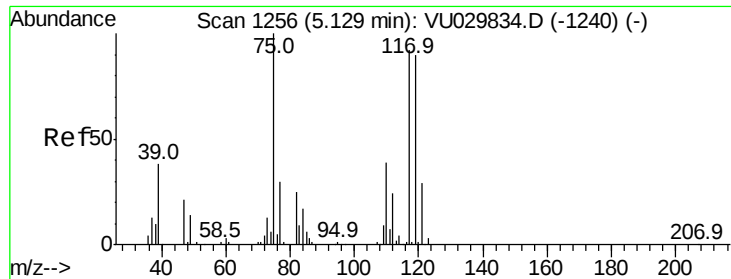
MMDadoda
3/11/2019 6:55:33 PM



#28
1,1,1-Trichloroethane
Concen: 0.260 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion	97	99	61	Ratio	100	62.0	35.1	Resp:	6559	Lower	Upper
97	100										
99		62.0				31.9	95.9				
61		35.1				20.4	61.3				





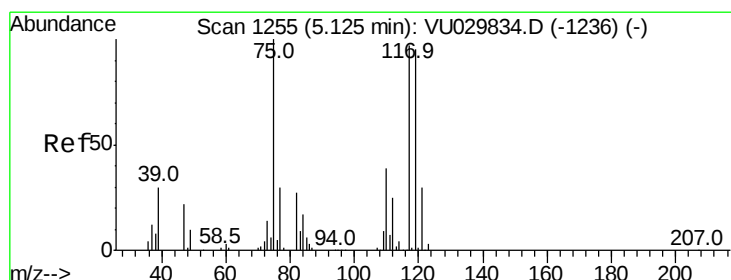
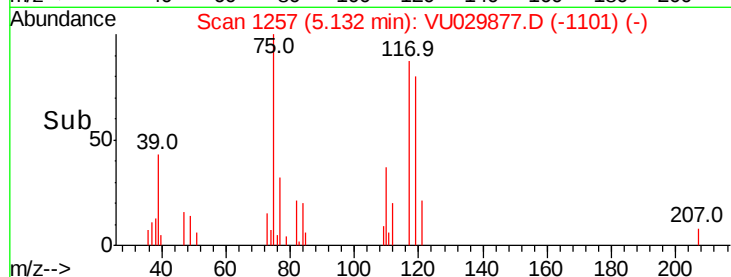
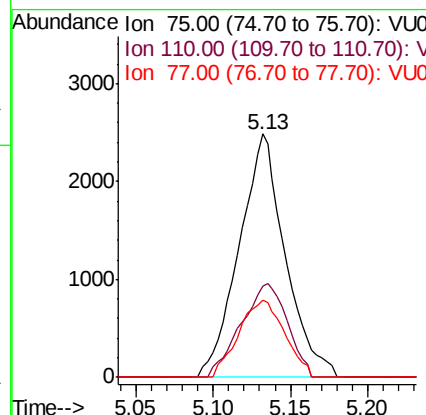
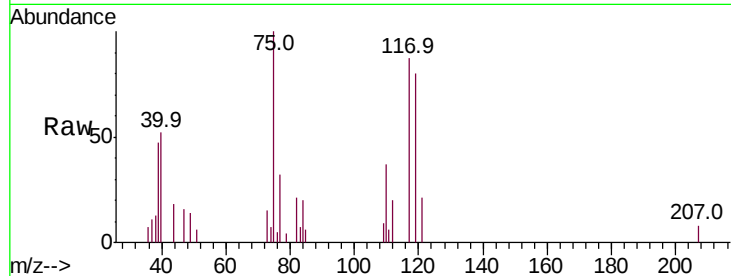
#29
 1,1-Dichloropropene
 Concen: 0.229 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.1	57.5
77	31.6	23.9	35.9

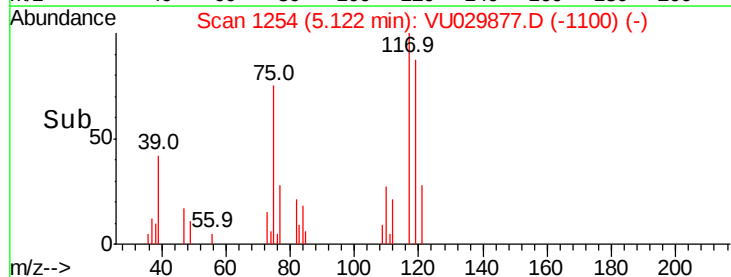
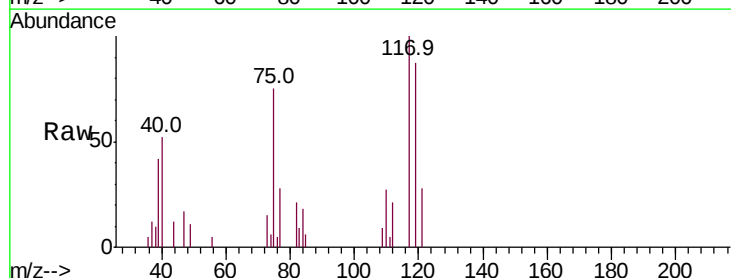
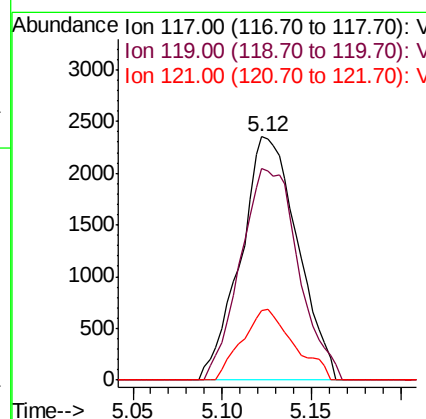
Manual Integrations
 APPROVED

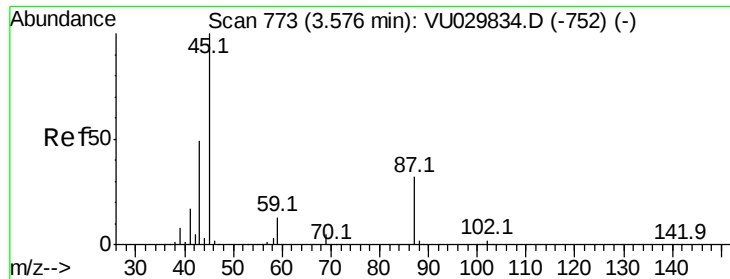
MMDadoda
 3/11/2019 6:55:33 PM



#30
 Carbon Tetrachloride
 Concen: 0.238 ug/l
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.7	78.4	117.6
121	28.4	25.0	37.4





#31

Isopropyl Ether

Concen: 0.263 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 45 Resp: 10668

Ion Ratio Lower Upper

45 100

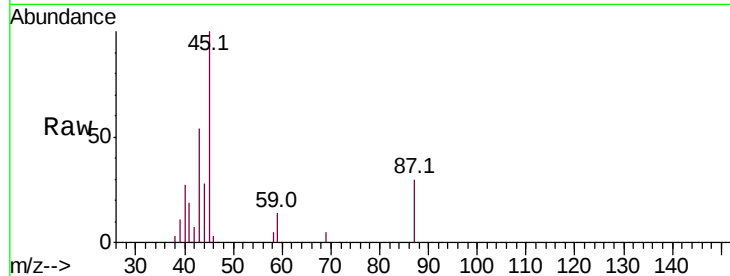
43 55.9 24.3 72.9

Manual Integrations

APPROVED

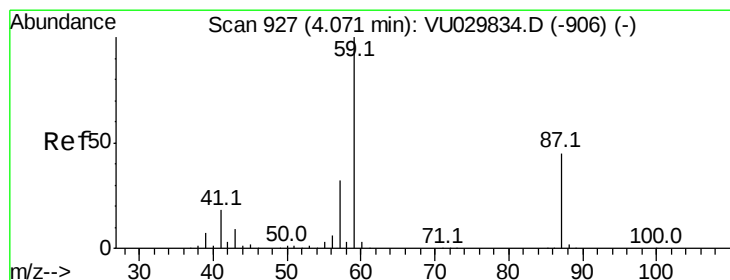
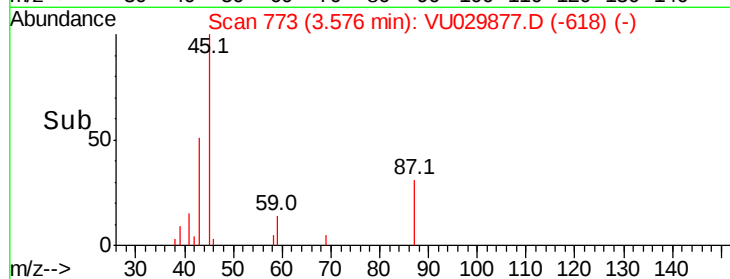
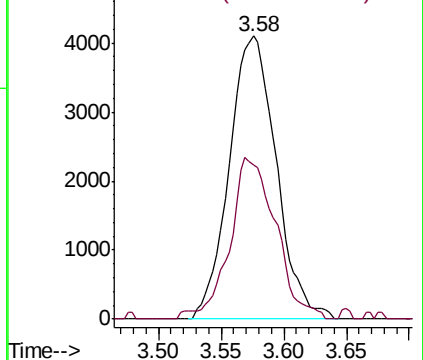
MMDadoda

3/11/2019 6:55:33 PM



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 0.253 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029877.D

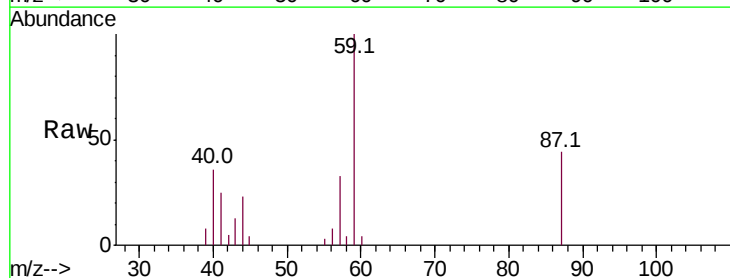
Acq: 08 Mar 2019 10:10

Tgt Ion: 59 Resp: 9984

Ion Ratio Lower Upper

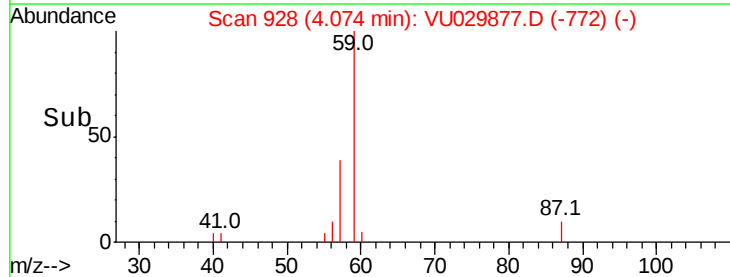
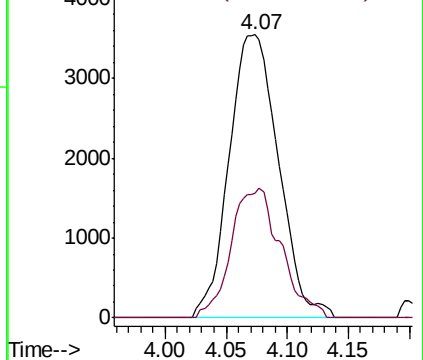
59 100

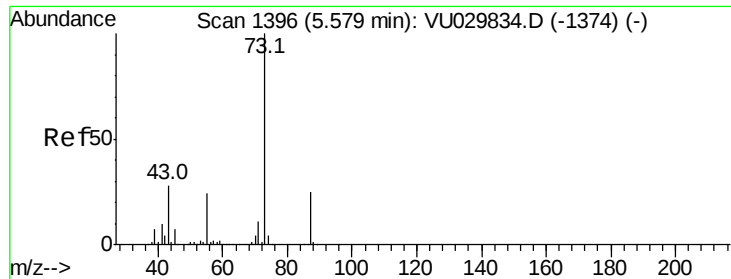
87 45.8 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#33

Tert-Amvl methvl ether

Concen: 0.241 ug/l

RT: 5.59 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VU029877.D

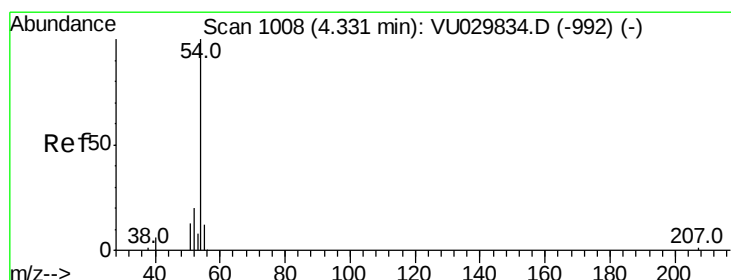
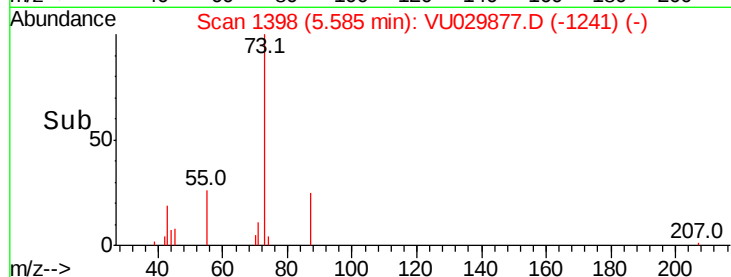
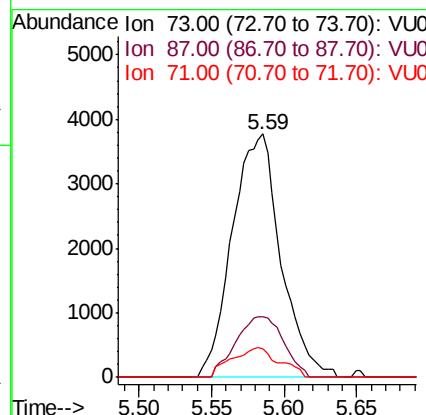
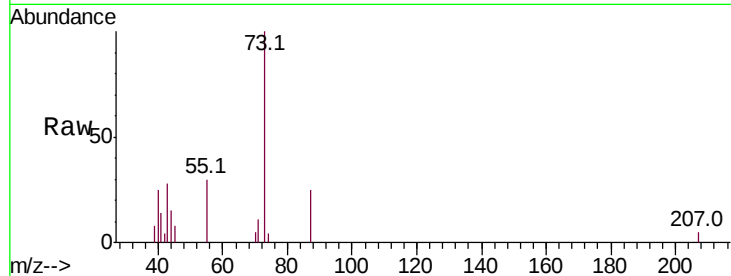
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.4	19.7	29.5
71	11.9	9.4	14.2

Manual Integrations
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3/11/2019 6:55:33 PM



#34

Propionitrile

Concen: 0.852 ug/l m

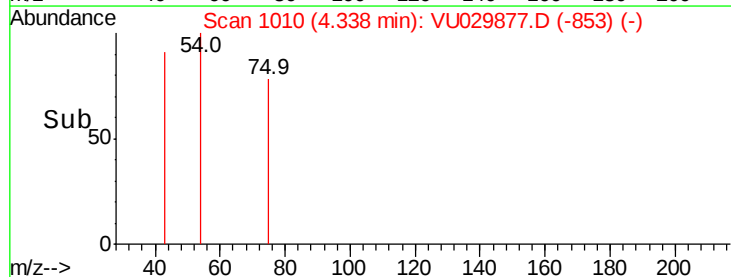
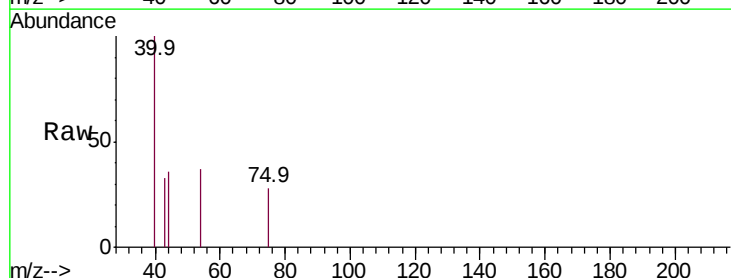
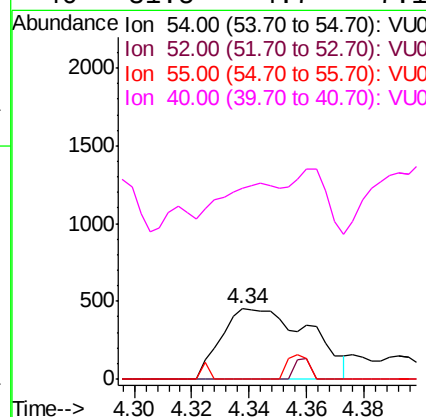
RT: 4.34 min Scan# 1010

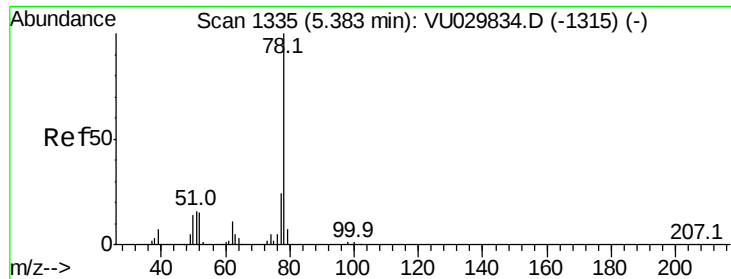
Delta R.T. 0.01 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
54	100		
52	0.0	16.1	24.1#
55	0.0	11.2	16.8#
40	31.5	4.7	7.1#





#35

Benzene

Concen: 0.268 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 78 Resp: 17702

Ion Ratio Lower Upper

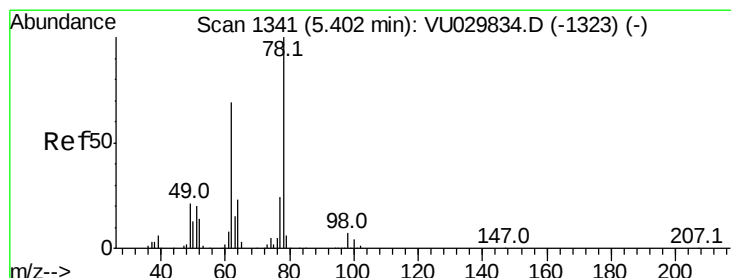
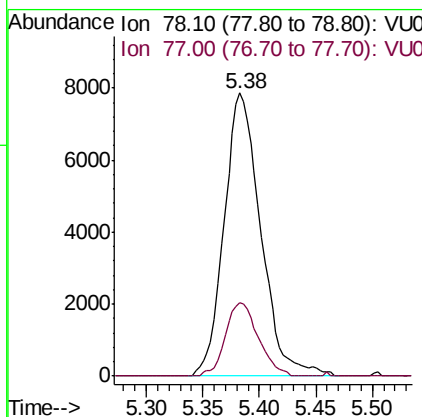
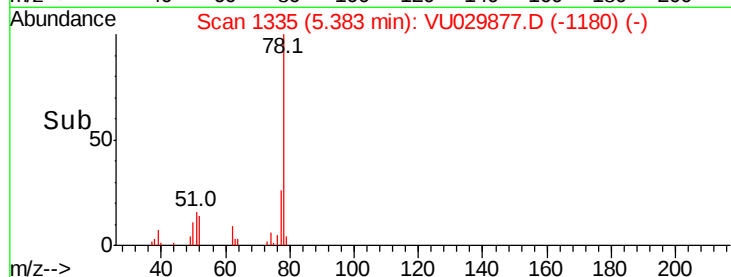
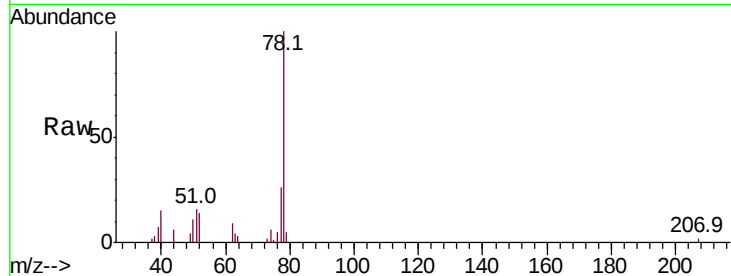
78 100

77 25.7 19.2 28.8

Manual Integrations
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3/11/2019 6:55:33 PM



#36

1,2-Dichloroethane

Concen: 0.249 ug/l

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU029877.D

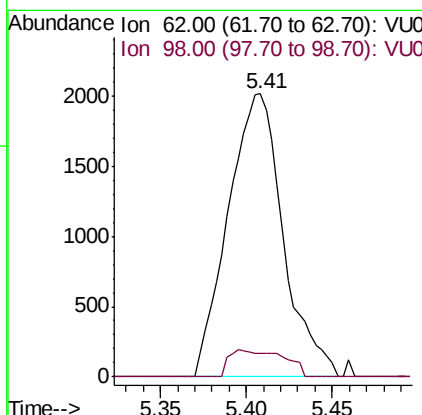
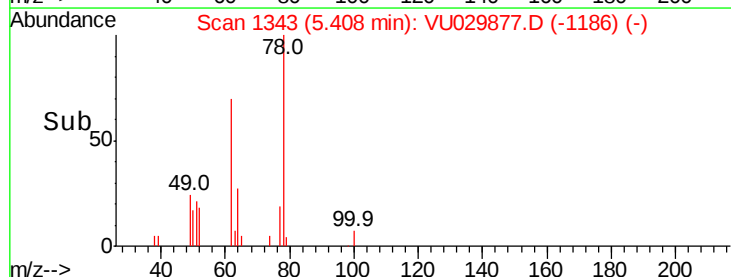
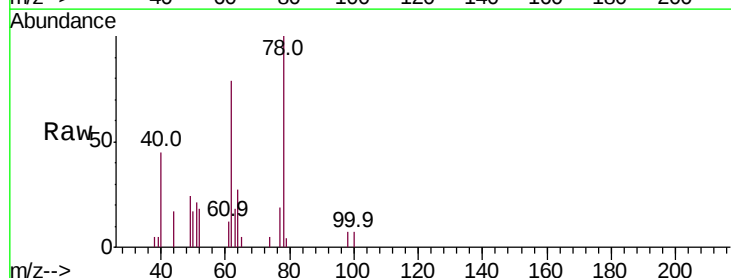
Acq: 08 Mar 2019 10:10

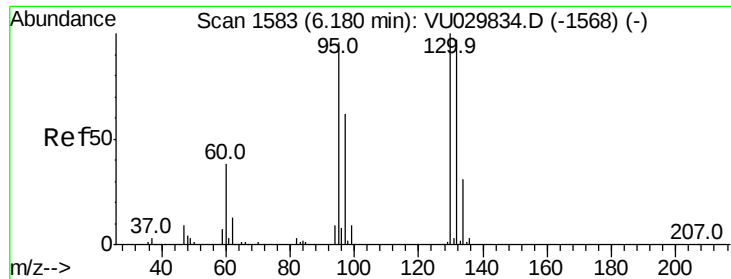
Tgt Ion: 62 Resp: 4487

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.2





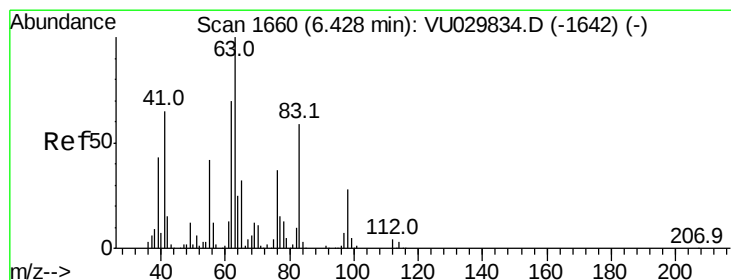
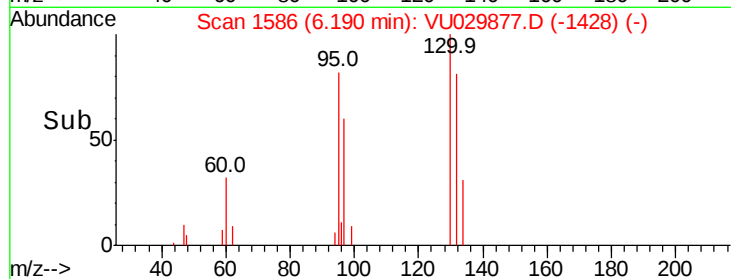
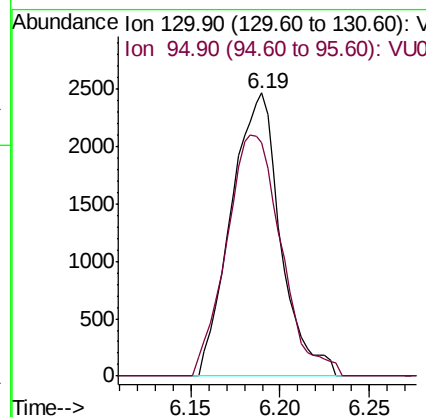
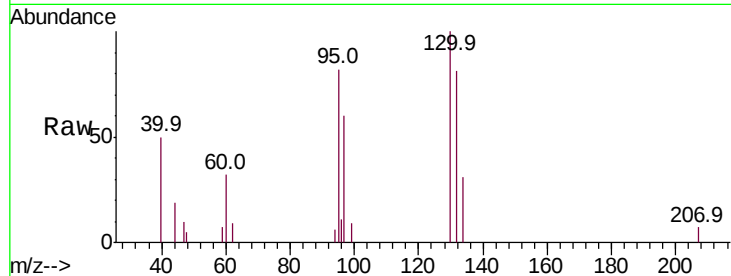
#37
 Trichloroethene
 Concen: 0.247 ug/l
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampled :
 MDL06

Tot Ion:130 Resp: 4774
 Ion Ratio Lower Upper
 130 100
 95 82.3 76.6 114.8

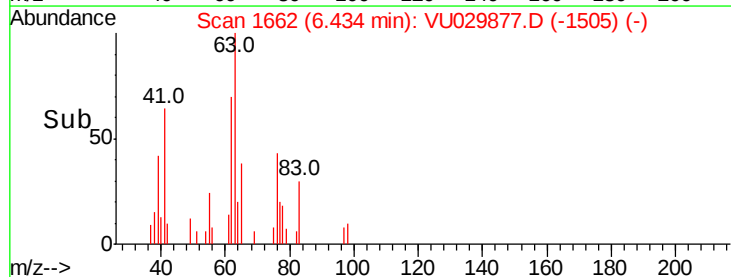
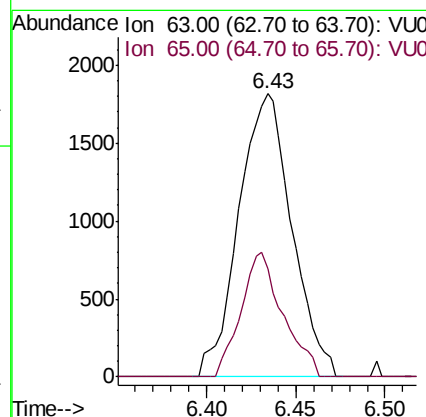
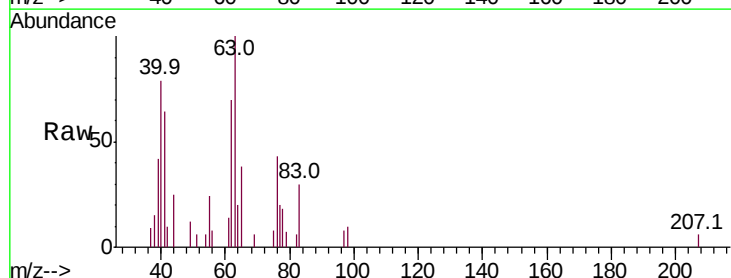
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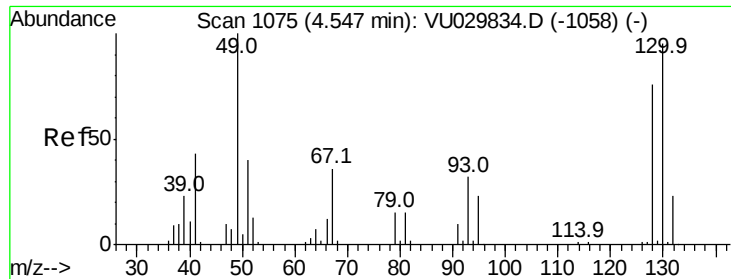
MMDadoda
 3/11/2019 6:55:33 PM



#38
 1,2-Dichloropropane
 Concen: 0.225 ug/l
 RT: 6.43 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion: 63 Resp: 3769
 Ion Ratio Lower Upper
 63 100
 65 38.1 25.4 38.2





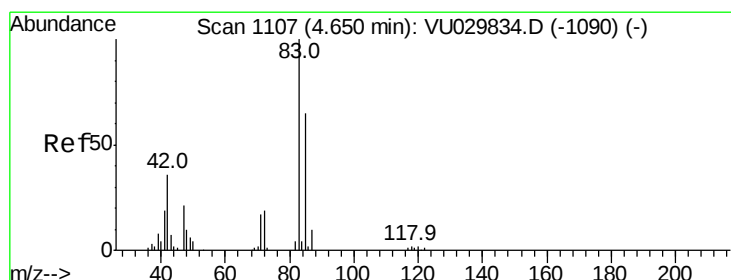
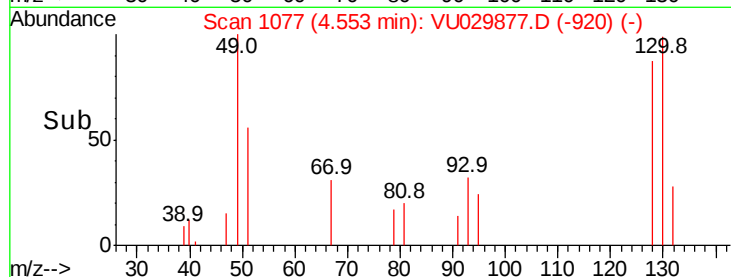
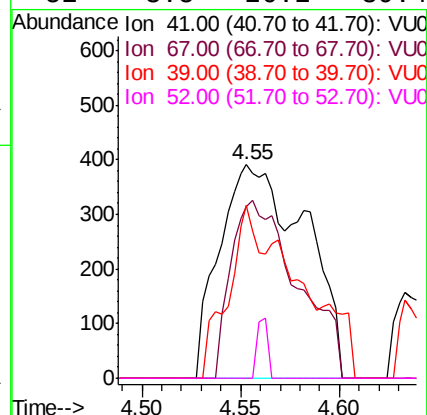
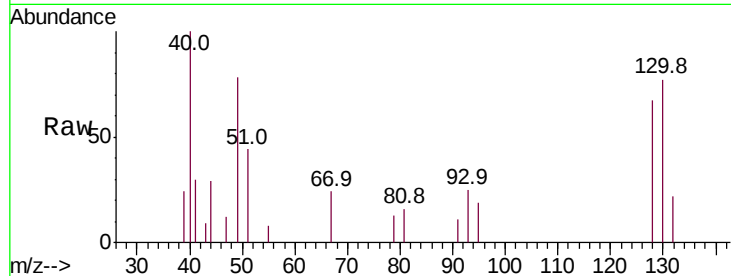
#39
Methacrylonitrile
Concen: 0.248 ug/l m
RT: 4.55 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
41	100		
67	64.7	68.4	102.6#
39	32.4	42.6	63.8#
52	3.5	26.2	39.4#

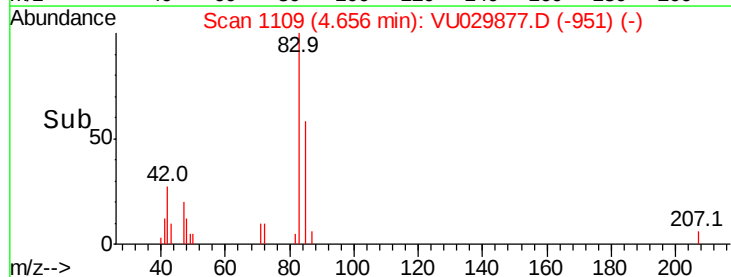
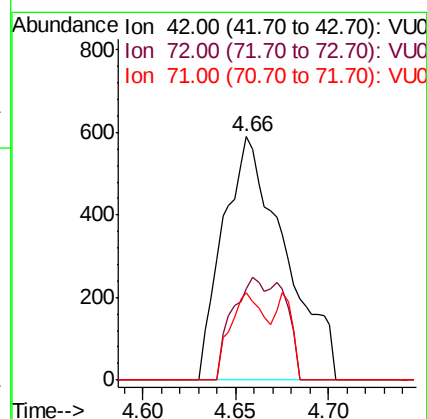
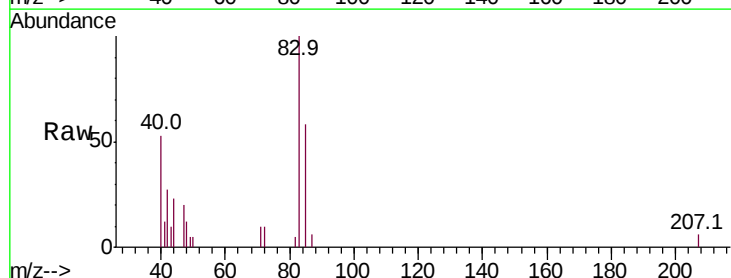
Manual Integrations
APPROVED

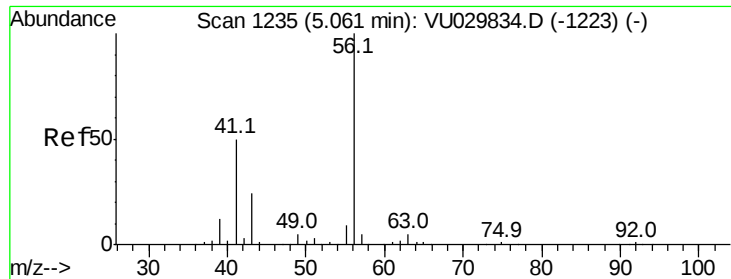
MMDadoda
3/11/2019 6:55:33 PM



#41
Tetrahydrofuran
Concen: 0.547 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
42	100		
72	22.1	43.6	65.4#
71	20.2	37.5	56.3#





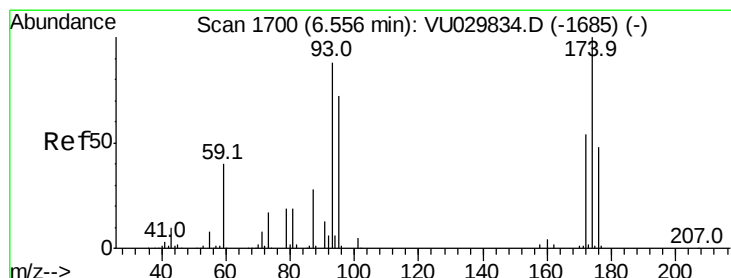
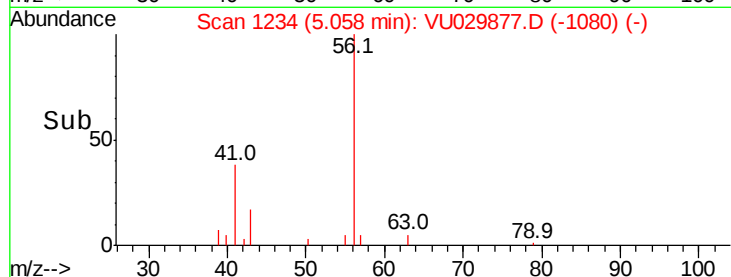
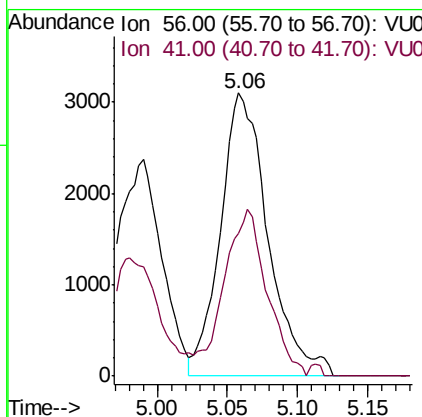
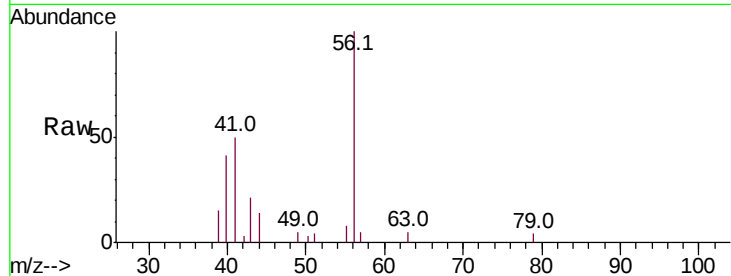
#42
1-Chlorobutane
Concen: 0.254 ug/l
RT: 5.06 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion: 56 Resp: 7293
Ion Ratio Lower Upper
56 100
41 52.7 25.0 75.0

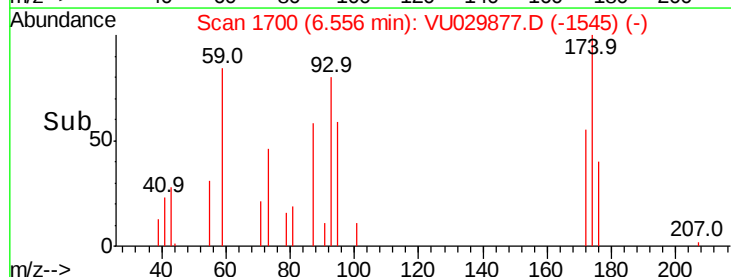
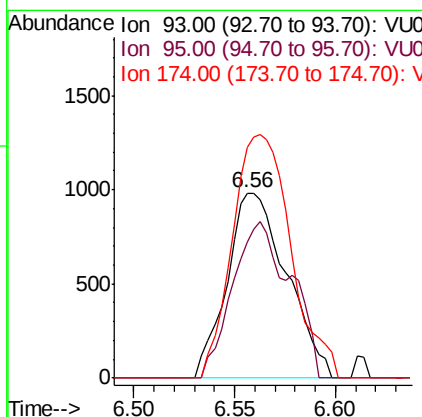
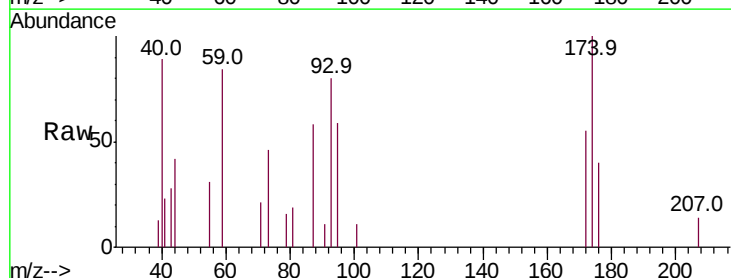
Manual Integrations
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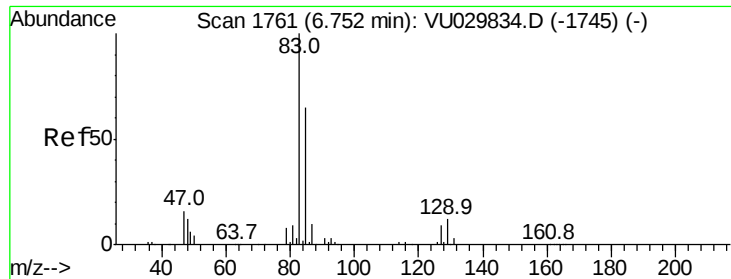
MMDadoda
3/11/2019 6:55:33 PM



#43
Dibromomethane
Concen: 0.233 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion: 93 Resp: 2022
Ion Ratio Lower Upper
93 100
95 82.2 67.0 100.6
174 129.7 91.4 137.2





#44

Bromodichloromethane

Concen: 0.218 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

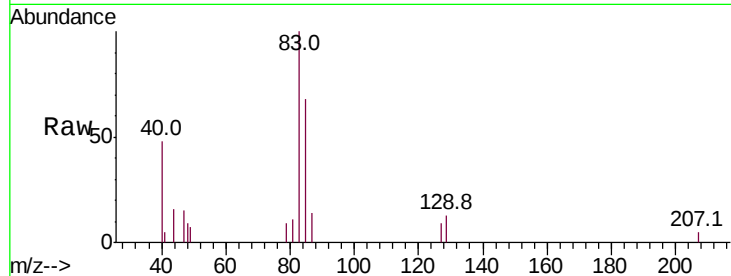
ClientSampleId :

MDL06

Tot Ion:	83	Resp:	4650
Ion	Ratio	Lower	Upper
83	100		
85	68.4	51.7	77.5
127	9.3	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
3/11/2019 6:55:33 PM

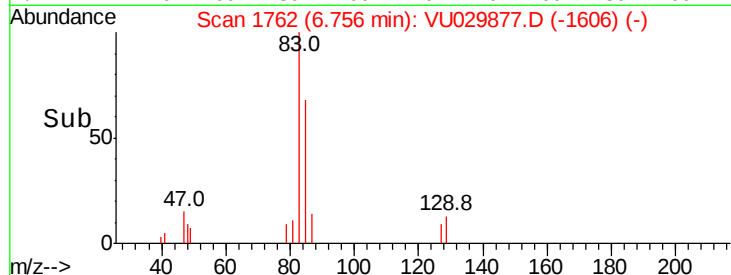


Abundance Ion 83.00 (82.70 to 83.70): VU029877.D (-1826) (-)

Ion 85.00 (84.70 to 85.70): VU029877.D (-1826) (-)

Ion 127.00 (126.70 to 127.70): VU029877.D (-1826) (-)

Time-->



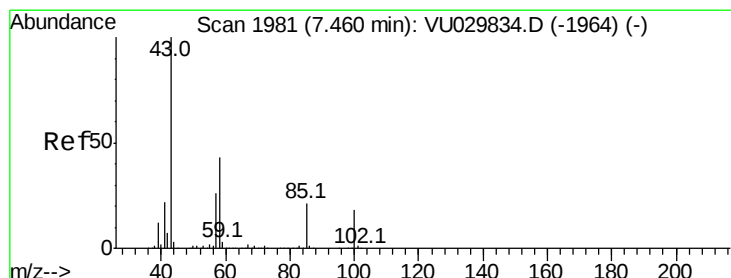
Abundance

Ion 83.00 (82.70 to 83.70): VU029877.D (-1826) (-)

Ion 85.00 (84.70 to 85.70): VU029877.D (-1826) (-)

Ion 127.00 (126.70 to 127.70): VU029877.D (-1826) (-)

Time-->



#45

4-Methyl-2-Pentanone

Concen: 1.096 ug/l

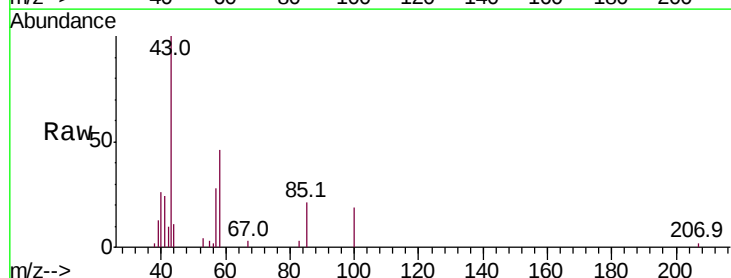
RT: 7.47 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion:	43	Resp:	9911
Ion	Ratio	Lower	Upper
43	100		
58	45.4	21.6	65.0
85	18.4	16.5	24.7

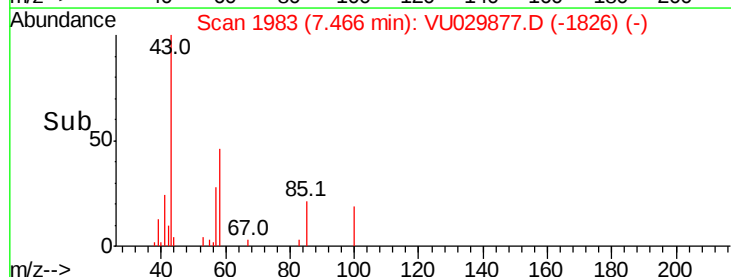


Abundance Ion 43.00 (42.70 to 43.70): VU029877.D (-1826) (-)

Ion 58.00 (57.70 to 58.70): VU029877.D (-1826) (-)

Ion 85.00 (84.70 to 85.70): VU029877.D (-1826) (-)

Time-->



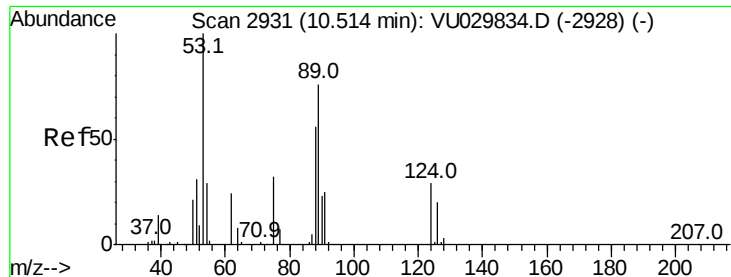
Abundance

Ion 43.00 (42.70 to 43.70): VU029877.D (-1826) (-)

Ion 58.00 (57.70 to 58.70): VU029877.D (-1826) (-)

Ion 85.00 (84.70 to 85.70): VU029877.D (-1826) (-)

Time-->



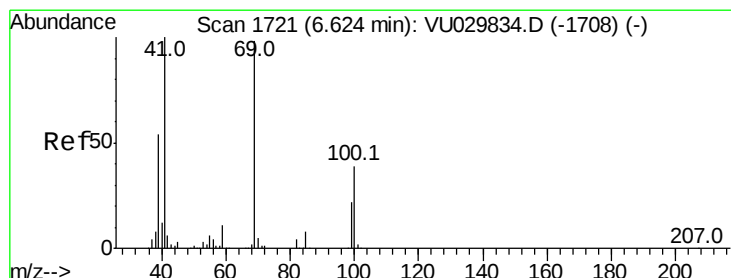
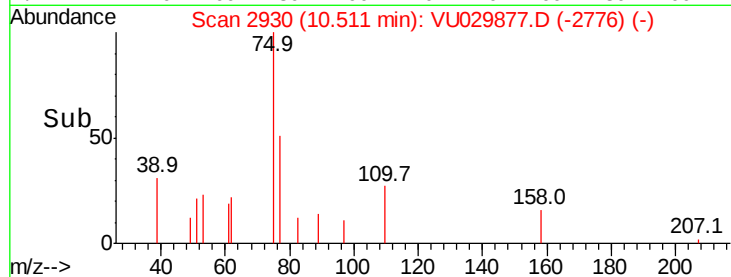
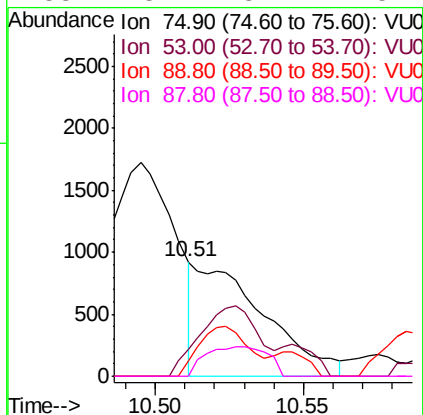
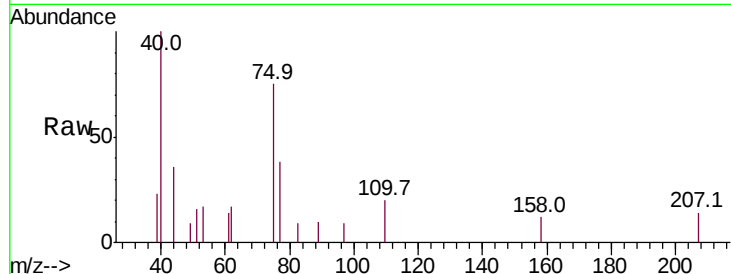
#46
t-1,4-Dichloro-2-butene
Concen: 0.396 ug/l m
RT: 10.51 min Scan# 2930
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
75	100		
53	51.7	59.2	88.8#
89	31.6	44.9	67.3#
88	23.1	32.2	48.2#

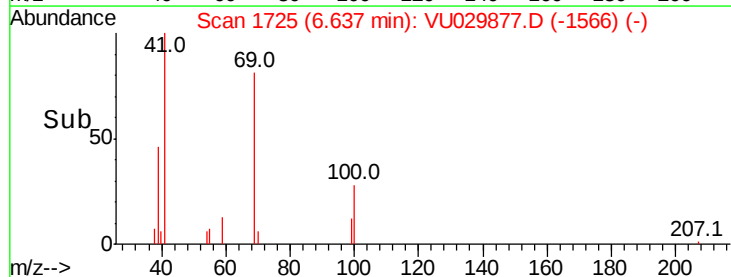
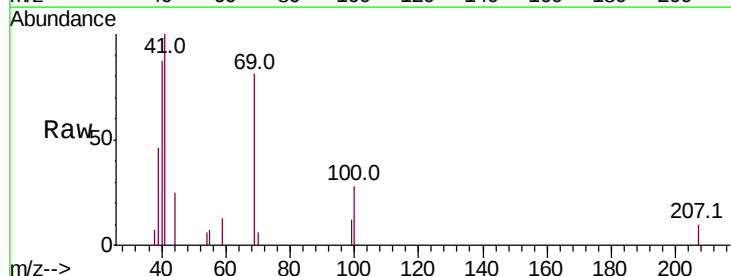
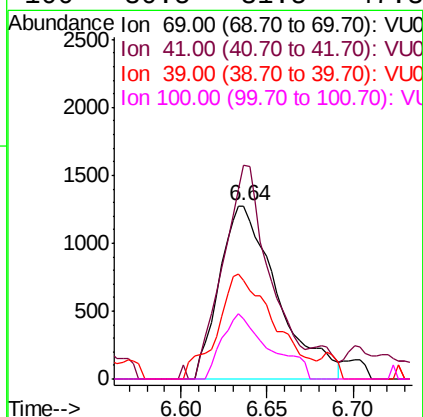
Manual Integrations
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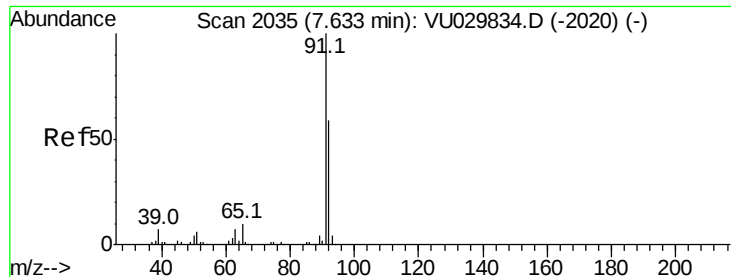
MMDadoda
3/11/2019 6:55:33 PM



#47
Methyl methacrylate
Concen: 0.401 ug/l
RT: 6.64 min Scan# 1725
Delta R.T. 0.01 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	99.2	0.0	201.0
39	60.1	43.3	64.9
100	30.5	31.5	47.3#





#49

Toluene

Concen: 0.222 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 92 Resp: 9019

Ion Ratio Lower Upper

92 100

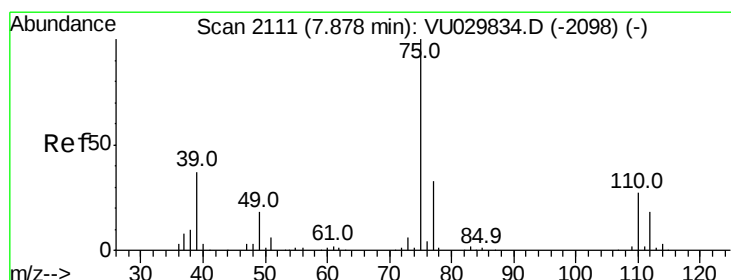
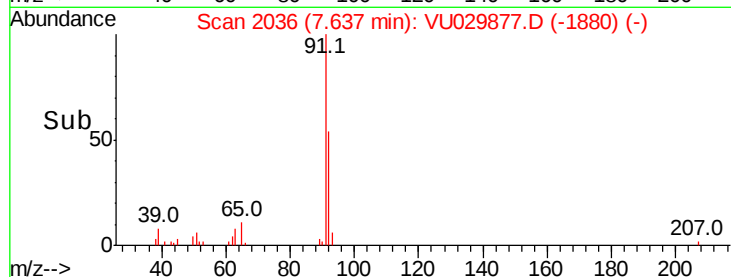
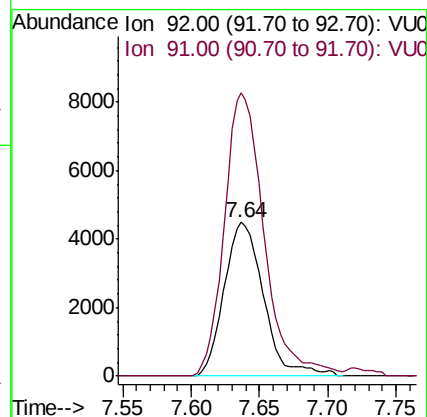
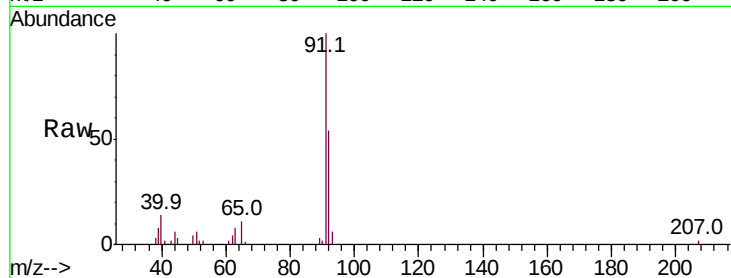
91 185.9 137.8 206.8

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3/11/2019 6:55:33 PM



#50

t-1,3-Dichloropropene

Concen: 0.212 ug/l

RT: 7.89 min Scan# 2114

Delta R.T. 0.01 min

Lab File: VU029877.D

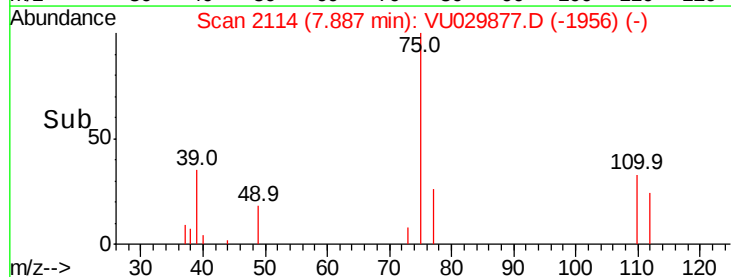
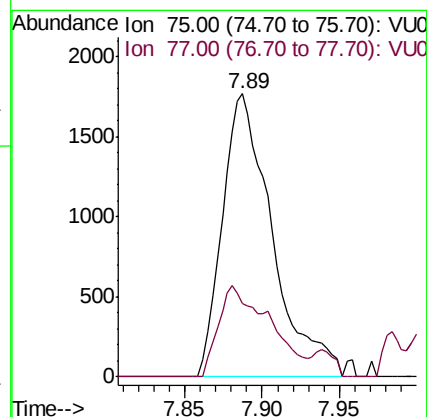
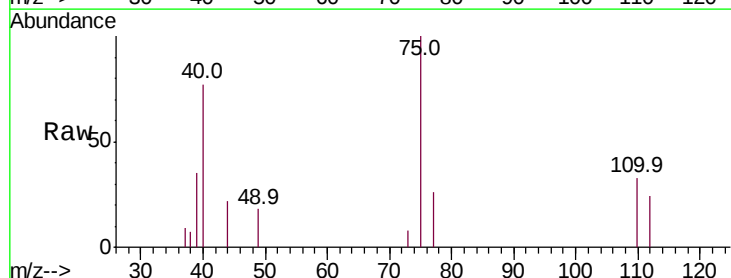
Acq: 08 Mar 2019 10:10

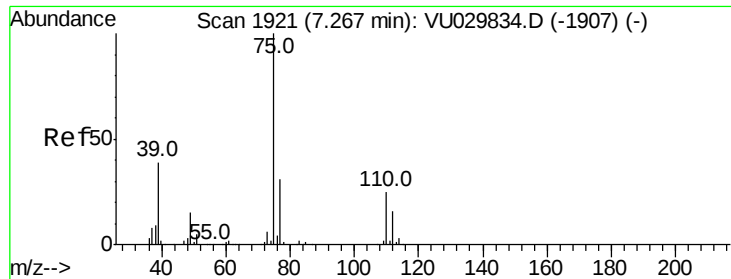
Tgt Ion: 75 Resp: 3952

Ion Ratio Lower Upper

75 100

77 25.7 26.4 39.6#





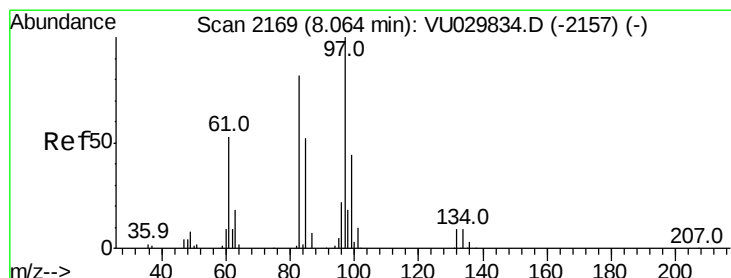
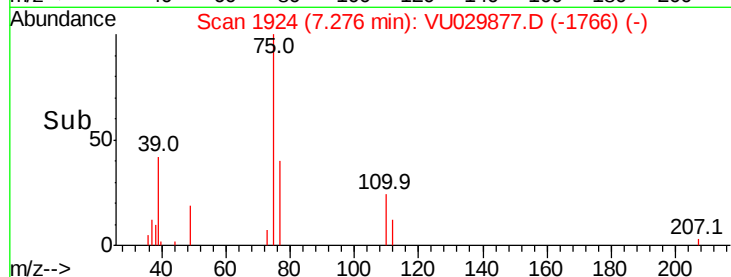
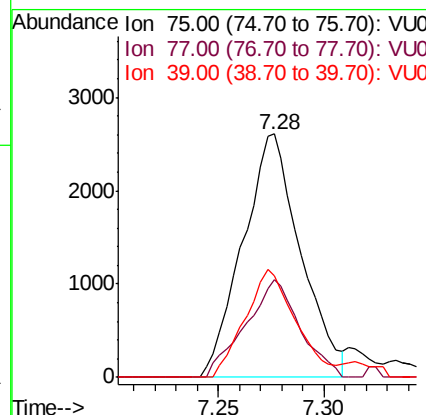
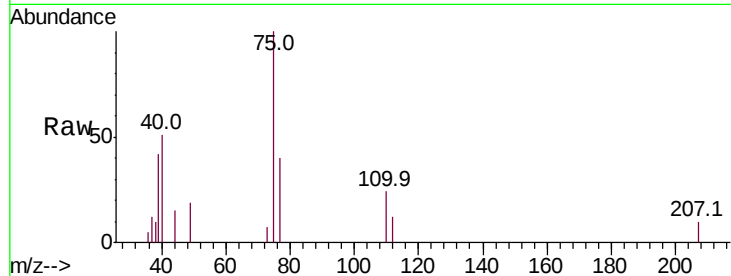
#51
 cis-1,3-Dichloropropene
 Concen: 0.215 ug/l
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
75	100		
77	40.2	24.9	37.3#
39	42.0	30.8	46.2

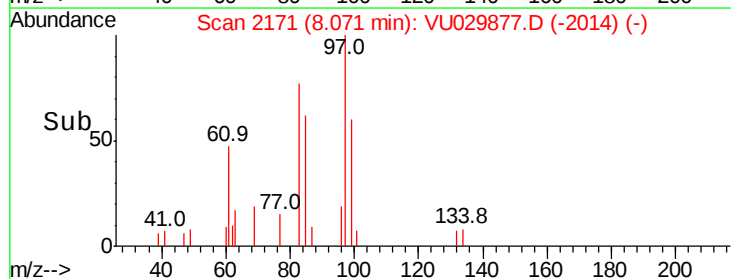
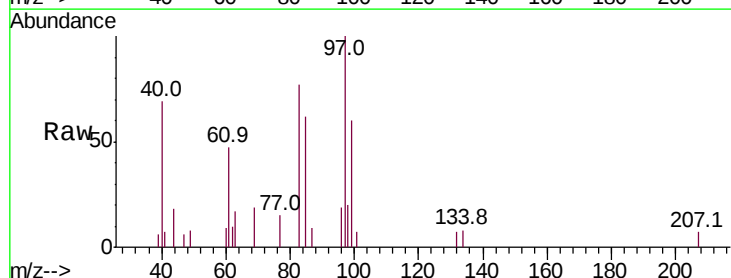
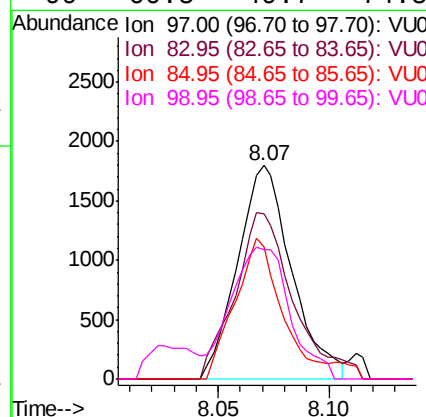
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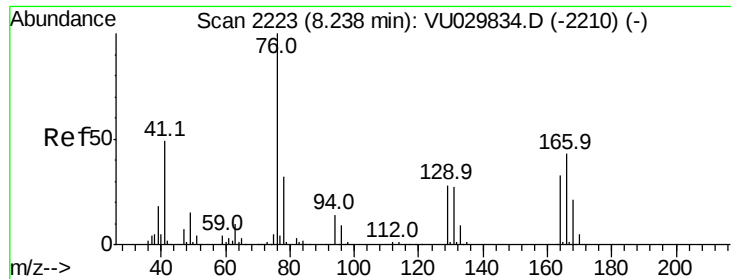
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 3/11/2019 6:55:33 PM



#52
 1,1,2-Trichloroethane
 Concen: 0.238 ug/l
 RT: 8.07 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.5	65.9	98.9
85	61.5	43.0	64.6
99	60.5	49.7	74.5





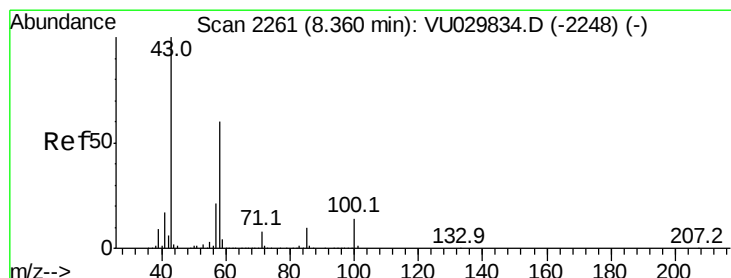
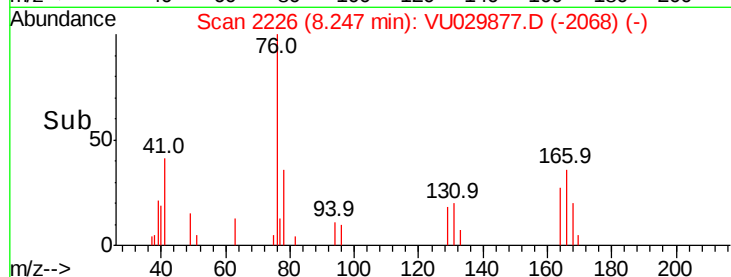
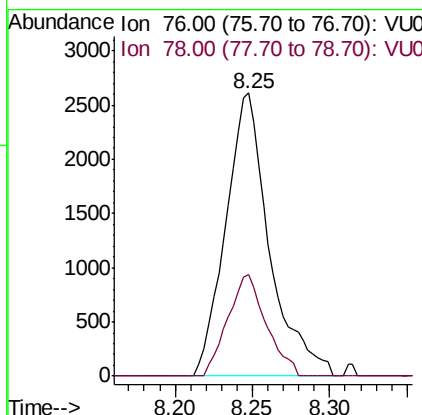
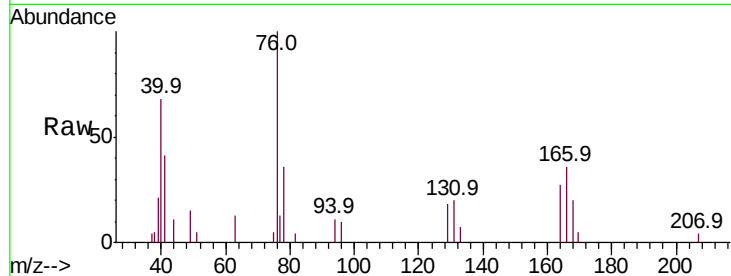
#53
 1,3-Dichloropropane
 Concen: 0.242 ug/l
 RT: 8.25 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion: 76 Resp: 5103
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5

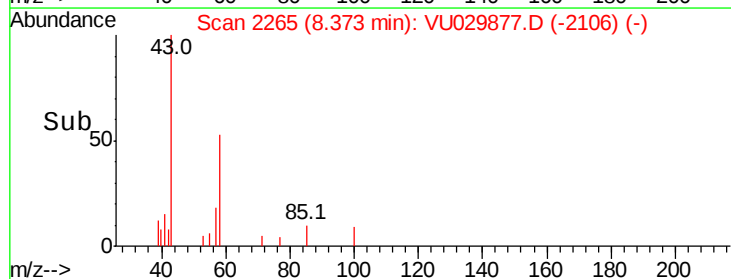
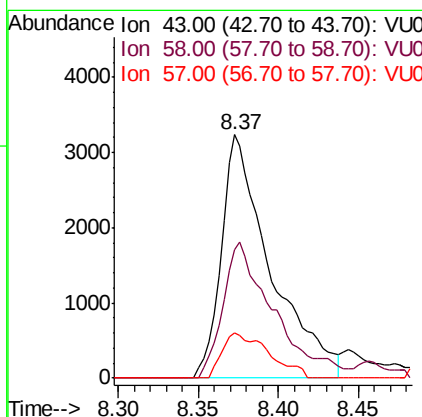
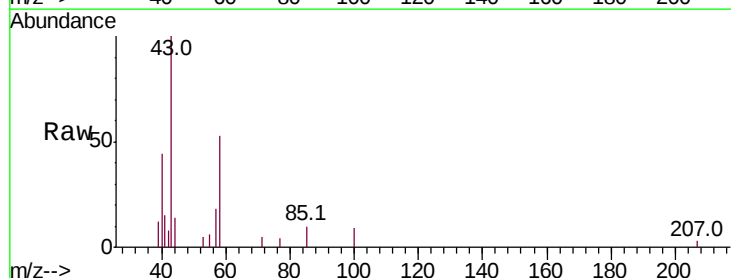
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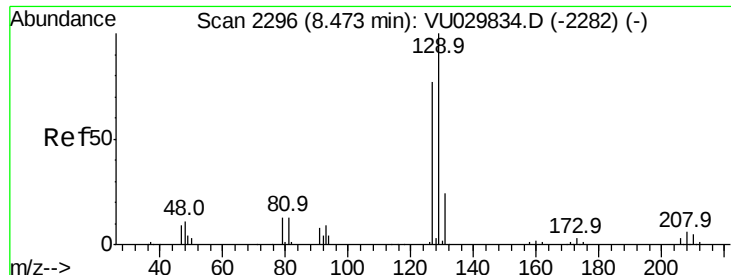
MMDadoda
 3/11/2019 6:55:33 PM



#54
 2-Hexanone
 Concen: 1.086 ug/l
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion: 43 Resp: 6818
 Ion Ratio Lower Upper
 43 100
 58 57.7 39.6 79.6
 57 17.5 0.5 40.5





#55

Dibromochloromethane

Concen: 0.228 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion:129 Resp: 3467

Ion Ratio Lower Upper

129 100

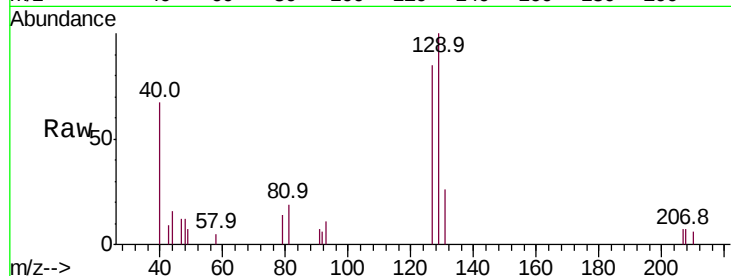
127 78.4 61.6 92.4

Manual Integrations

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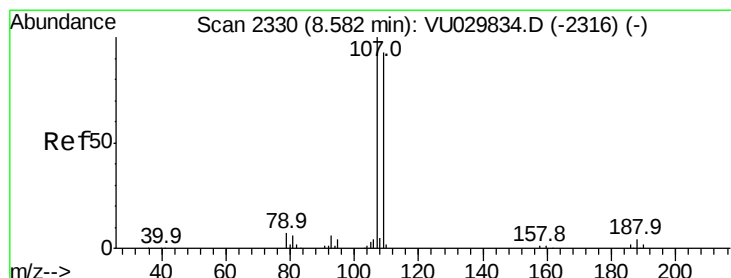
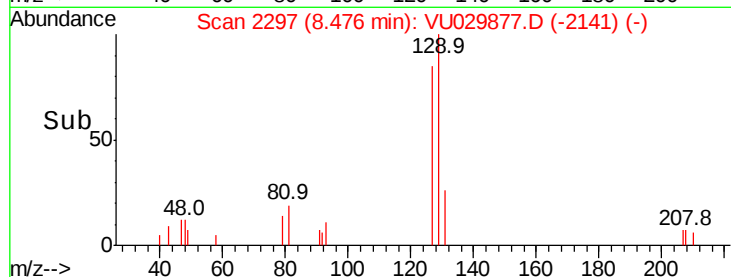
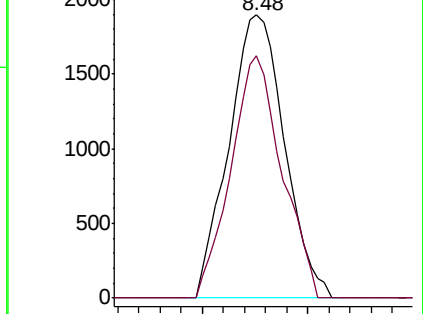
MMDadoda

3/11/2019 6:55:33 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.239 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.01 min

Lab File: VU029877.D

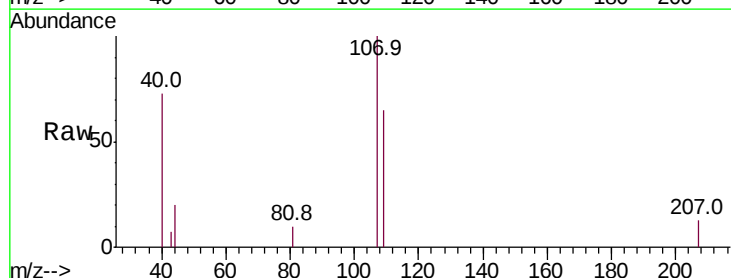
Acq: 08 Mar 2019 10:10

Tgt Ion:107 Resp: 2903

Ion Ratio Lower Upper

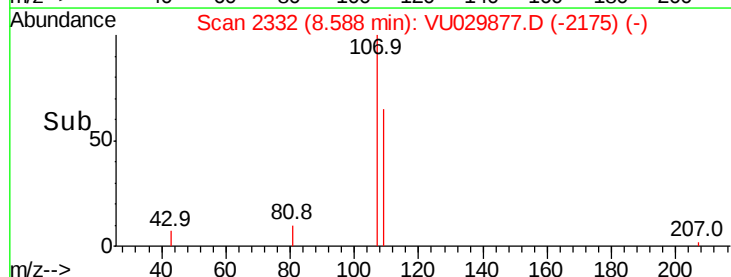
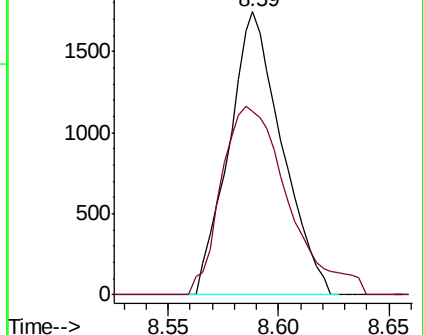
107 100

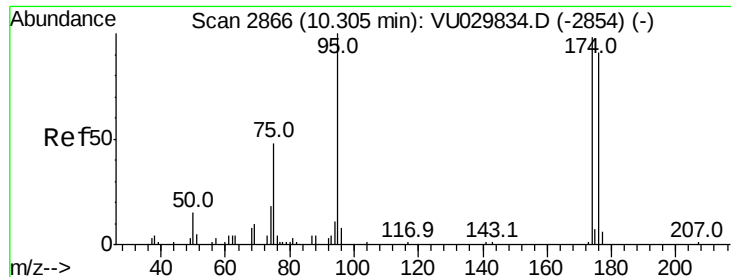
109 84.2 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.239 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 95 Resp: 19158

Ion Ratio Lower Upper

95 100

174 89.4 76.5 114.7

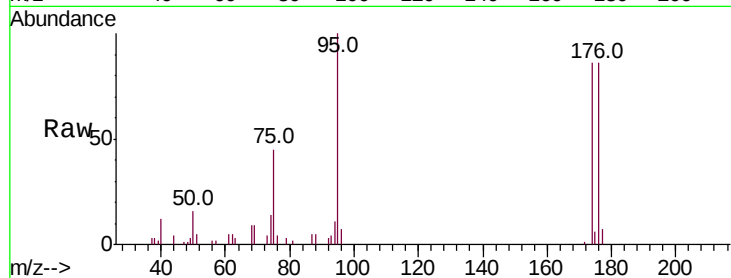
176 87.0 74.2 111.2

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3/11/2019 6:55:33 PM



Abundance Ion 95.00 (94.70 to 95.70): VU029834.D (-2854) (-)

Ion 174.00 (173.70 to 174.70): VU029834.D (-2854) (-)

Ion 176.00 (175.70 to 176.70): VU029834.D (-2854) (-)

15000

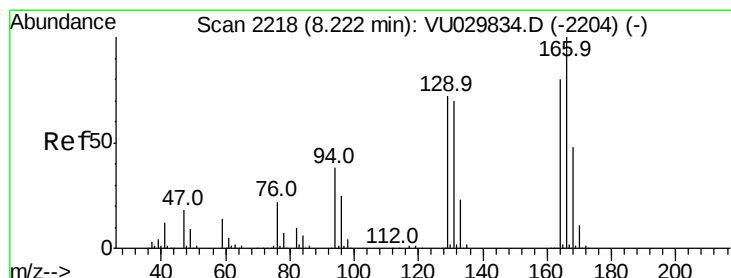
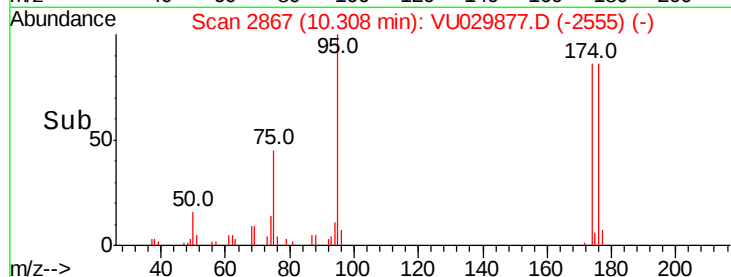
10000

5000

0

10.30 10.31 10.40

Time-->



#58

Tetrachloroethene

Concen: 0.309 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion: 164 Resp: 6085

Ion Ratio Lower Upper

164 100

166 143.6 100.5 150.7

129 97.4 72.3 108.5

131 97.8 70.0 105.0

Abundance Ion 163.85 (163.55 to 164.55): VU029834.D (-2204) (-)

Ion 165.80 (165.50 to 166.50): VU029834.D (-2204) (-)

Ion 128.90 (128.60 to 129.60): VU029834.D (-2204) (-)

Ion 130.90 (130.60 to 131.60): VU029834.D (-2204) (-)

6000

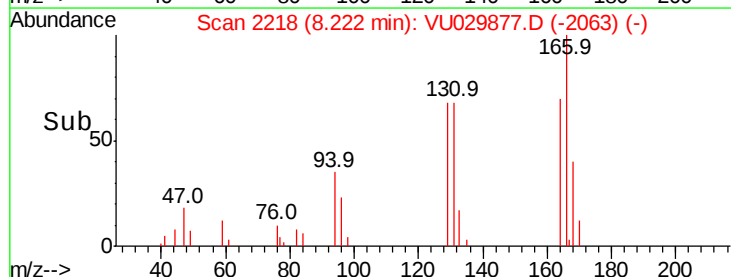
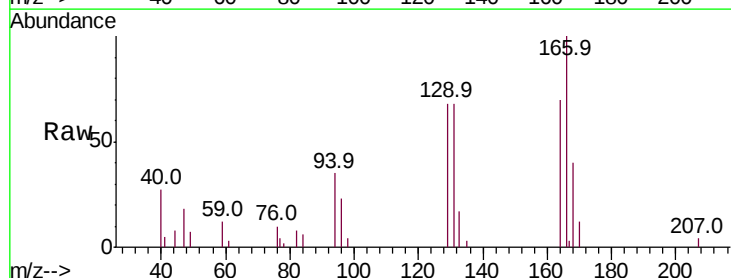
4000

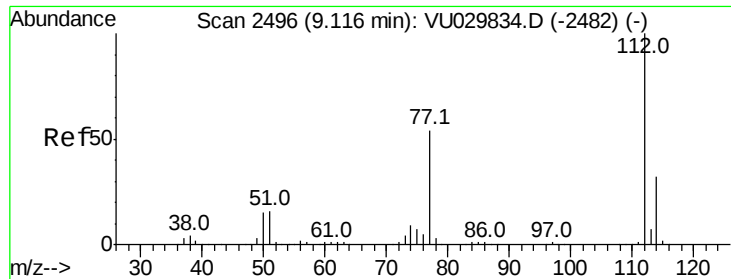
2000

0

8.20 8.22 8.25

Time-->





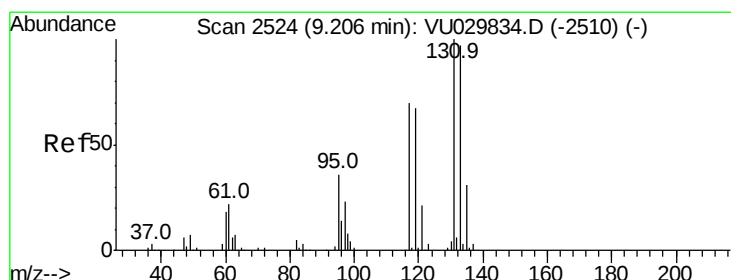
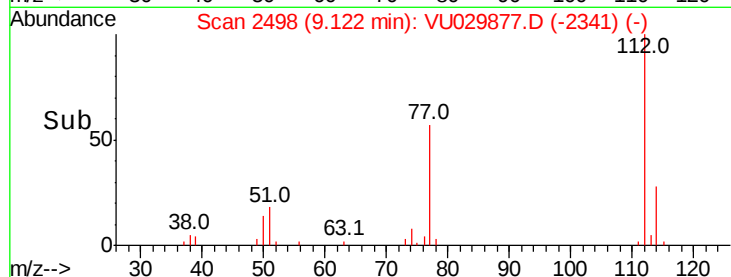
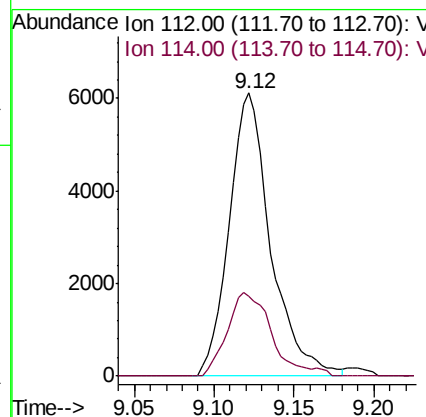
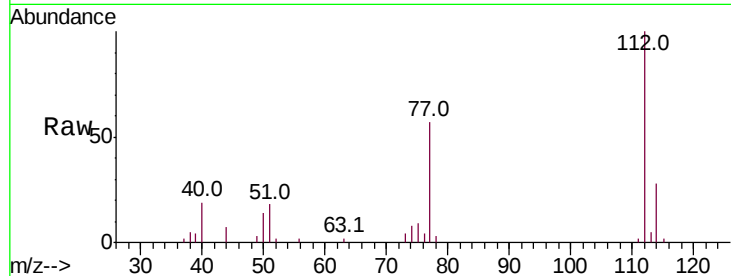
#59
Chlorobenzene
Concen: 0.232 ug/l
RT: 9.12 min Scan# 2498
Delta R.T. 0.01 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion:112 Resp: 10826
Ion Ratio Lower Upper
112 100
114 28.1 25.4 38.2

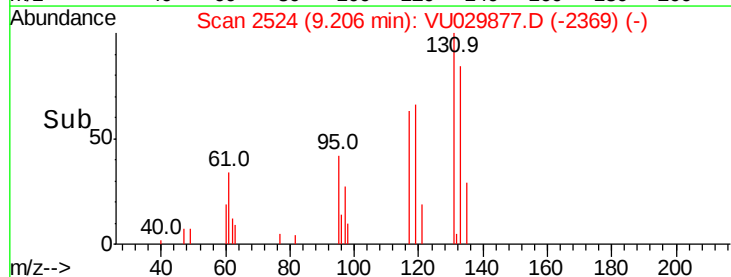
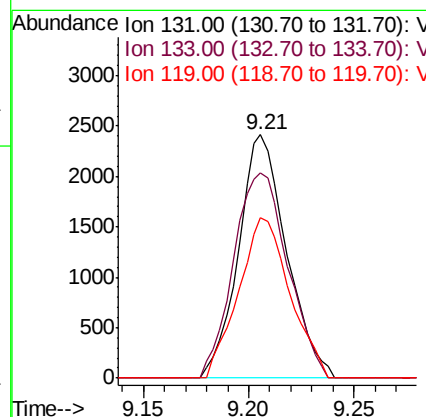
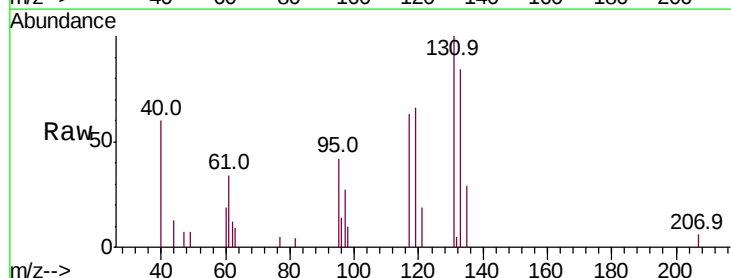
Manual Integrations
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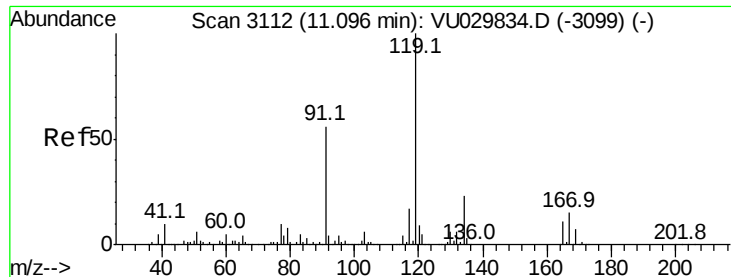
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 0.228 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion:131 Resp: 3812
Ion Ratio Lower Upper
131 100
133 95.5 76.4 114.6
119 70.5 54.2 81.4





#61

Pentachloroethane

Concen: 0.221 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion:117 Resp: 2570

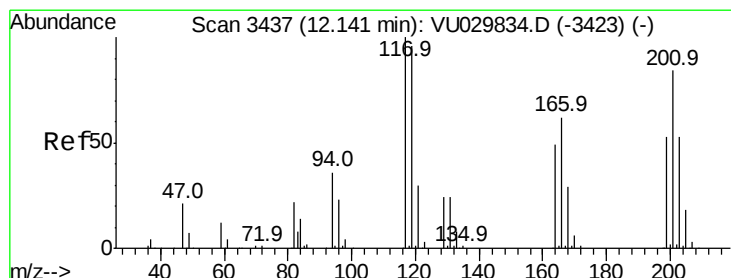
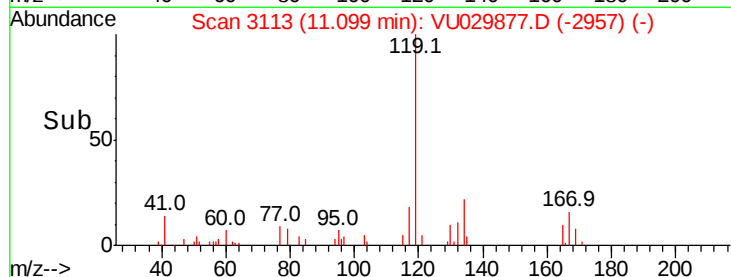
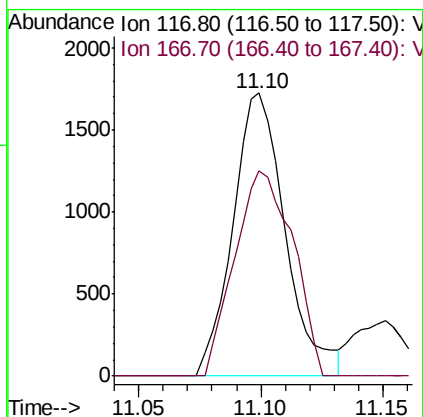
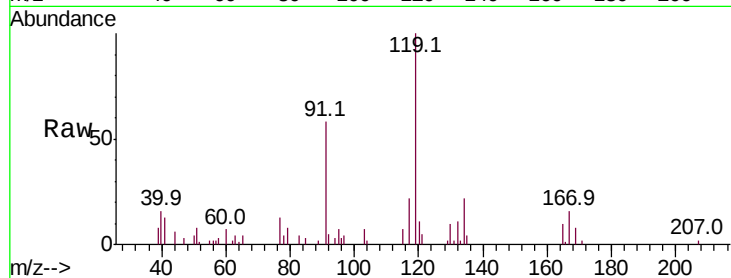
Ion Ratio Lower Upper

117 100

167 80.8 71.4 107.2

Manual Integrations
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3/11/2019 6:55:33 PM



#62

Hexachloroethane

Concen: 0.208 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VU029877.D

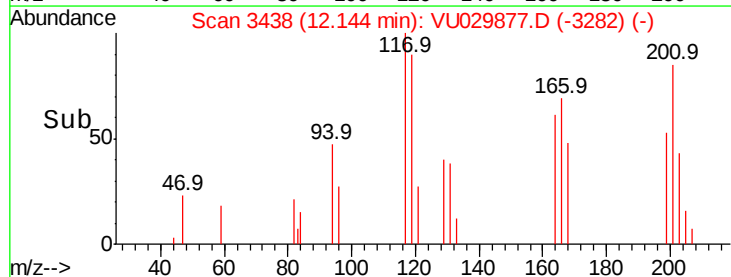
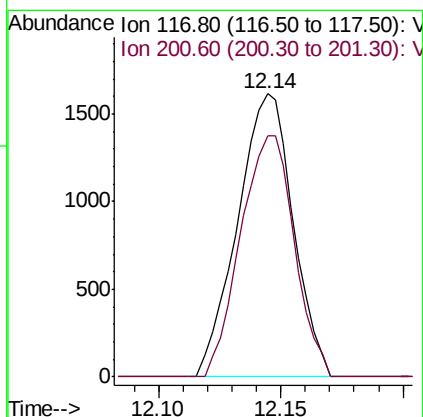
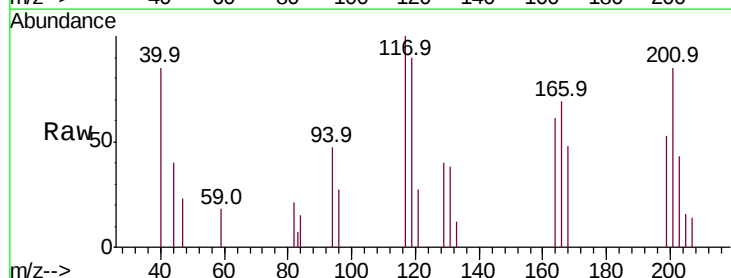
Acq: 08 Mar 2019 10:10

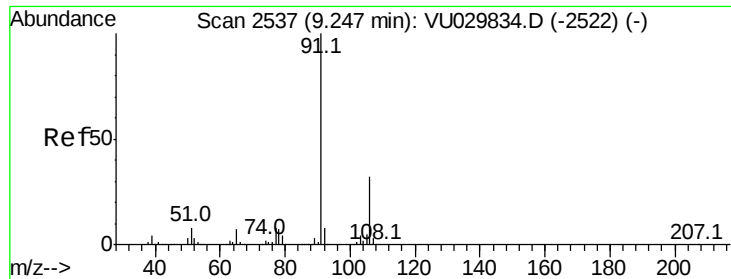
Tgt Ion:117 Resp: 2548

Ion Ratio Lower Upper

117 100

201 82.5 68.2 102.2





#63

Ethyl Benzene

Concen: 0.218 ug/l

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampled :

MDL06

Tot Ion: 91 Resp: 16665

Ion Ratio Lower Upper

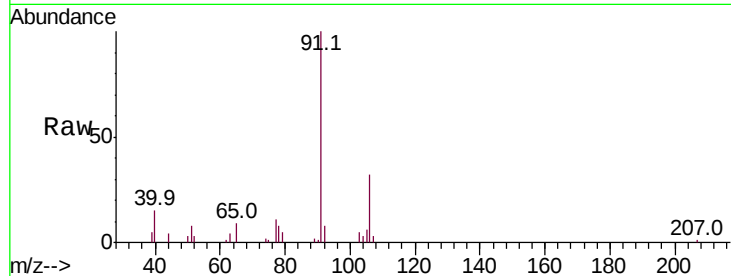
91 100

106 31.7 25.7 38.5

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3/11/2019 6:55:33 PM



Abundance Ion 91.00 (90.70 to 91.70): VU029834.D (-2522) (-)

Ion 106.00 (105.70 to 106.70): VU029877.D (-2382) (-)

9.25

10000

8000

6000

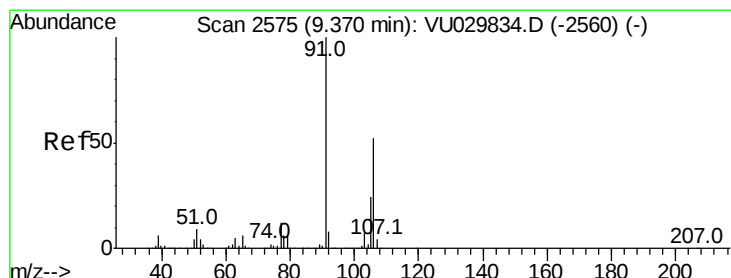
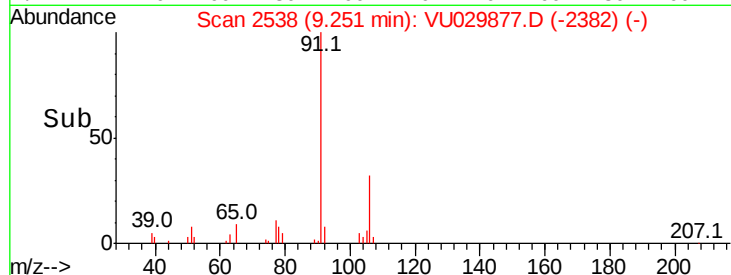
4000

2000

0

9.20 9.25 9.30

Time-->



#64

m/p-Xylenes

Concen: 0.446 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029877.D

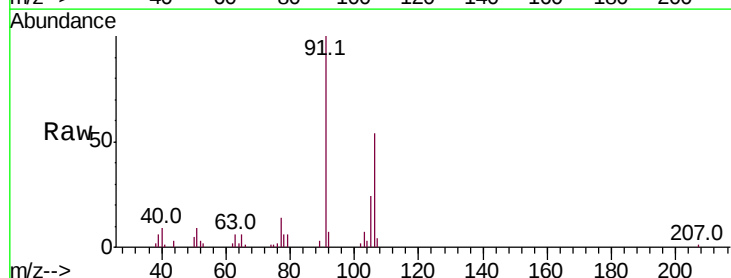
Acq: 08 Mar 2019 10:10

Tgt Ion: 106 Resp: 13461

Ion Ratio Lower Upper

106 100

91 184.1 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VU029877.D (-2420) (-)

Ion 91.00 (90.70 to 91.70): VU029834.D (-2560) (-)

9.37

15000

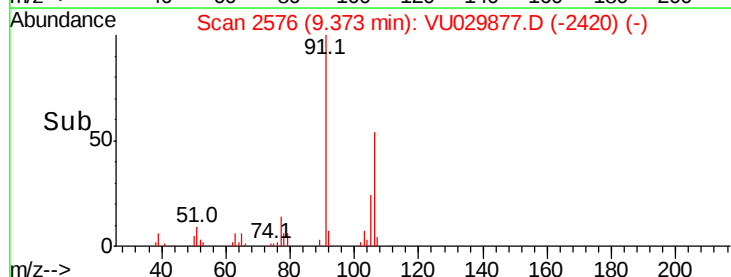
10000

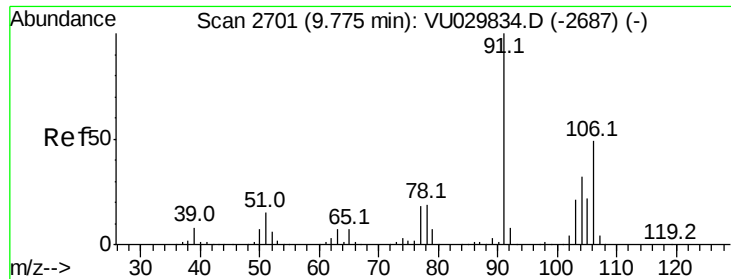
5000

0

9.30 9.35 9.40 9.45

Time-->





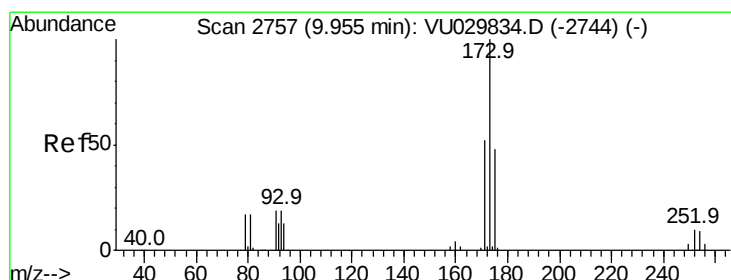
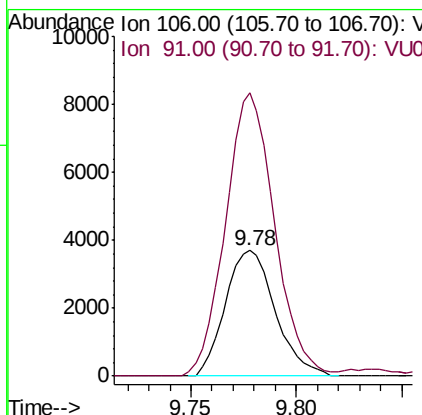
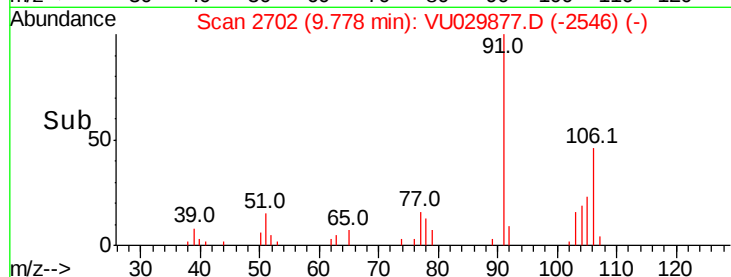
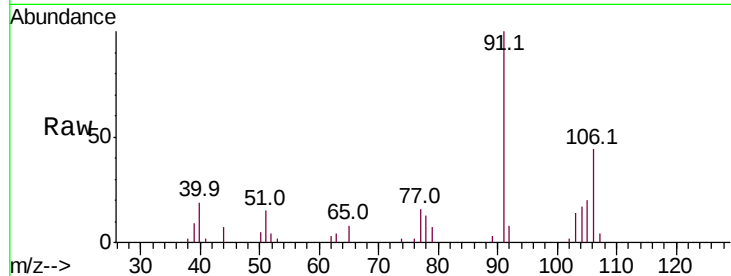
#65
o-Xylene
Concen: 0.210 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleID :
MDL06

Tot Ion:106 Resp: 6079
Ion Ratio Lower Upper
106 100
91 221.9 102.8 308.3

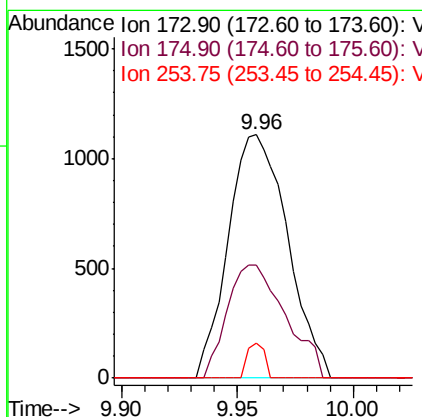
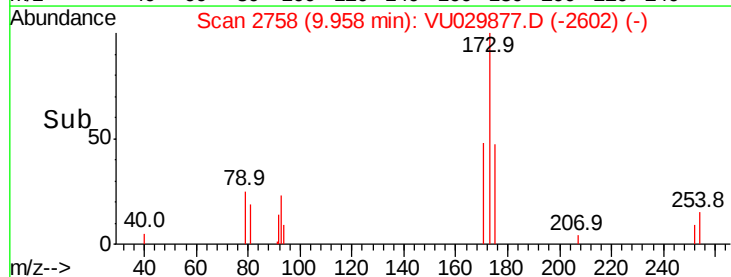
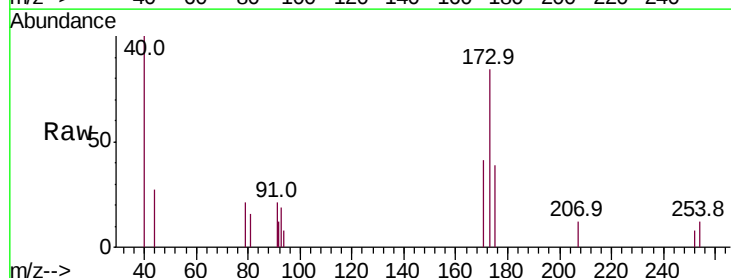
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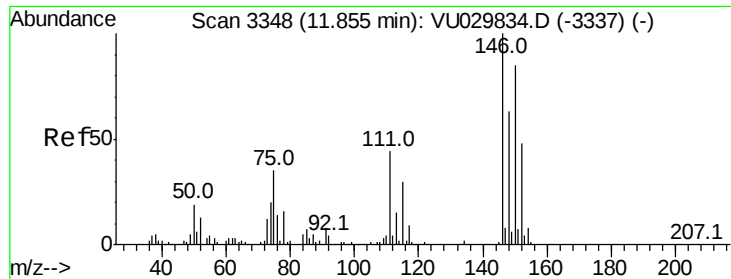
MMDadoda
3/11/2019 6:55:33 PM



#67
Bromoform
Concen: 0.220 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion:173 Resp: 1967
Ion Ratio Lower Upper
173 100
175 45.8 38.6 57.8
254 4.2 7.4 11.2#





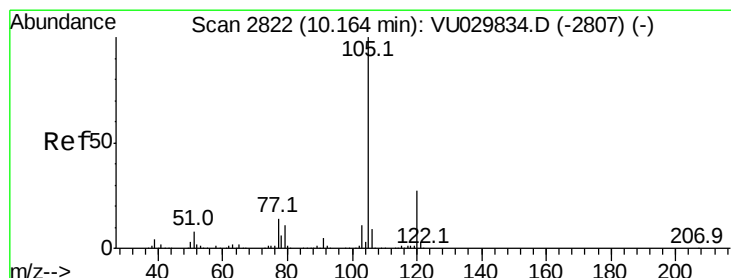
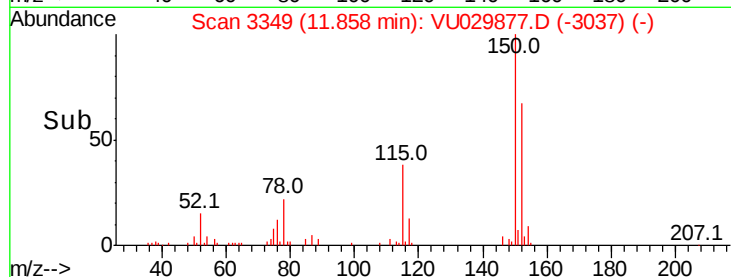
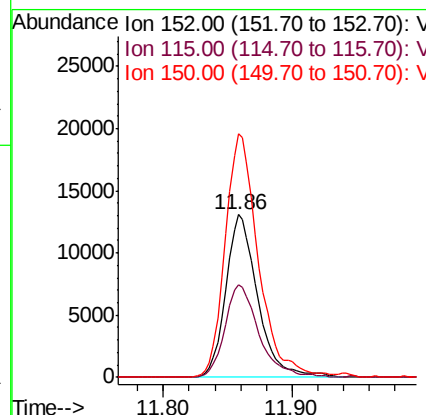
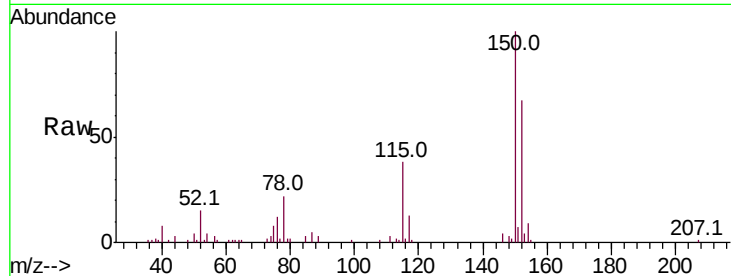
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.220 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.7	0.0	124.0
150	156.2	0.0	631.2

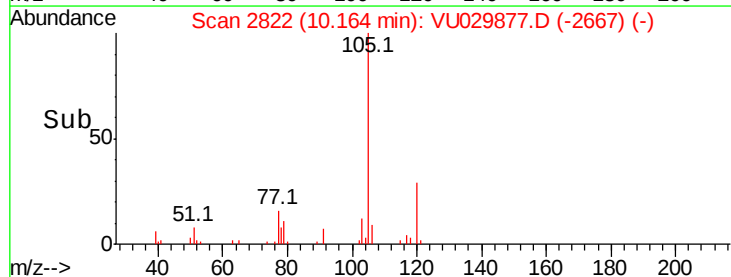
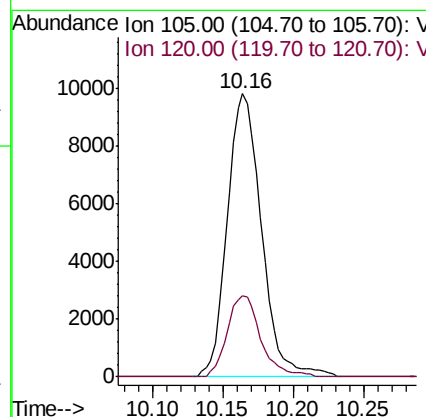
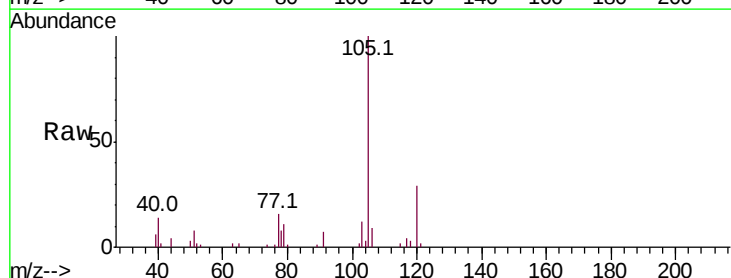
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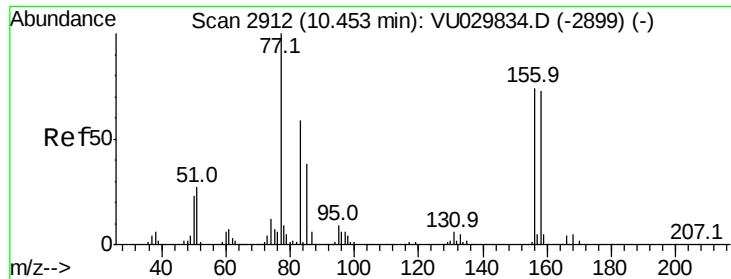
MMDadoda
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#69
 Isopropylbenzene
 Concen: 0.217 ug/l
 RT: 10.16 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.5	40.5





#70

1,1,2,2-Tetrachloroethane

Concen: 0.245 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion: 83 Resp: 3834

Ion Ratio Lower Upper

83 100

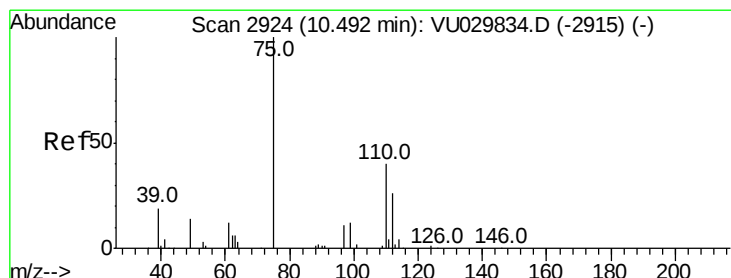
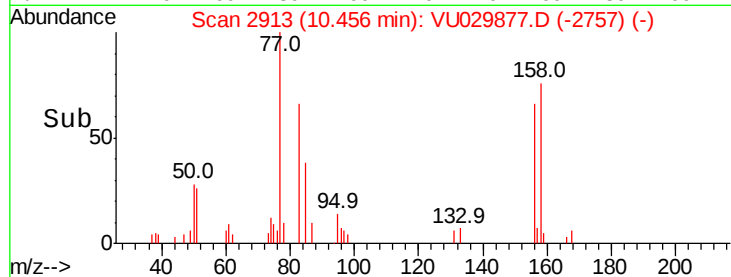
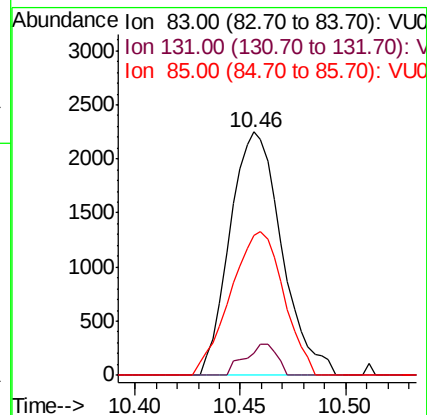
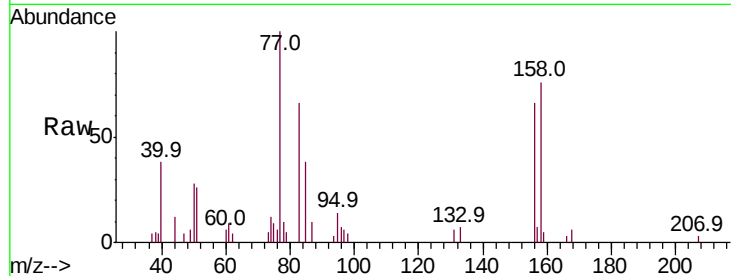
131 7.9 8.3 12.5#

85 60.6 52.5 78.7

Manual Integrations
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3/11/2019 6:55:33 PM



#71

1,2,3-Trichloropropane

Concen: 0.261 ug/l m

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion: 75 Resp: 3038

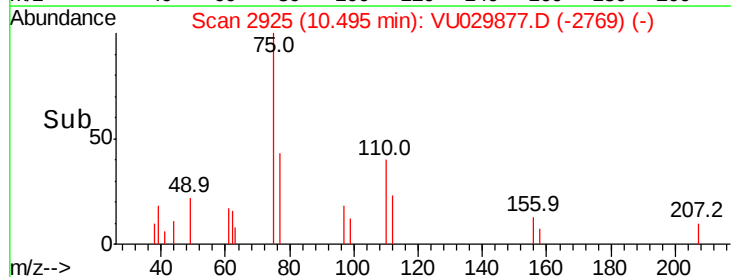
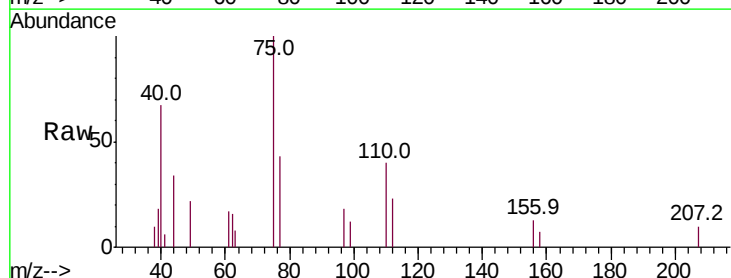
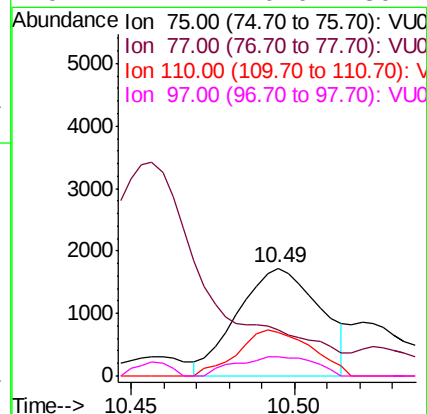
Ion Ratio Lower Upper

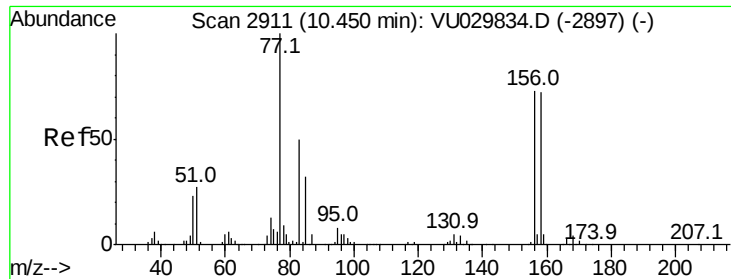
75 100

77 24.3 0.0 16.4#

110 37.7 0.0 74.8

97 17.1 0.0 39.4





#72

Bromobenzene

Concen: 0.222 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

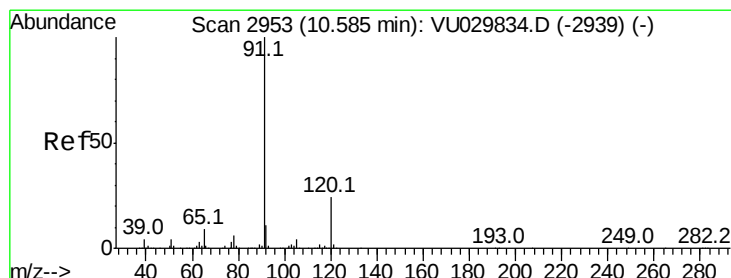
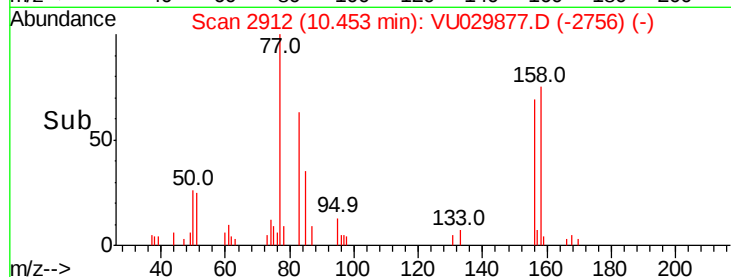
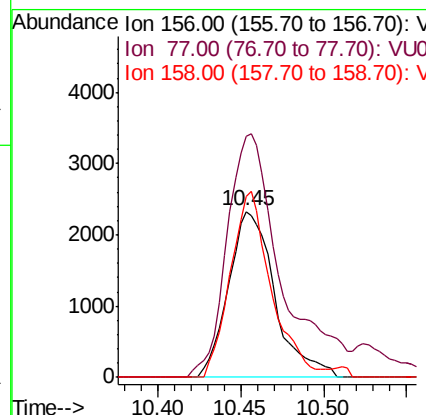
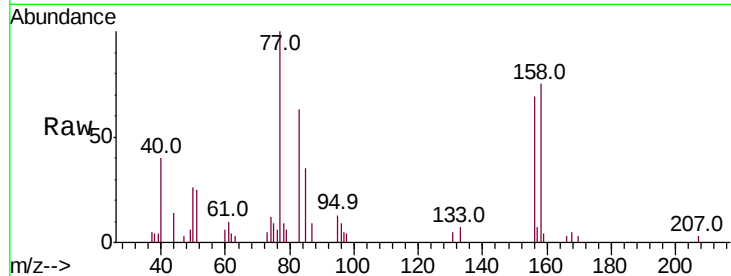
ClientSampleId :

MDL06

Tot Ion	Ratio	Lower	Upper
156	100		
77	173.9	0.0	282.2
158	99.5	0.0	196.2

Manual Integrations
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#73

n-propylbenzene

Concen: 0.202 ug/l

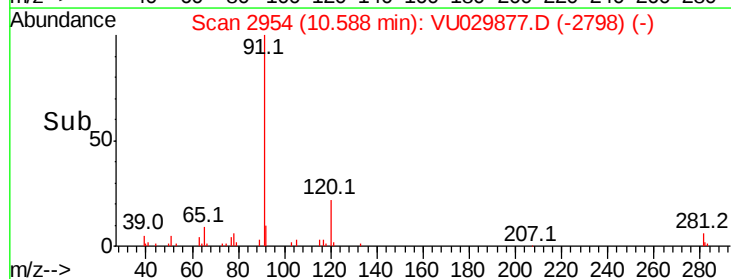
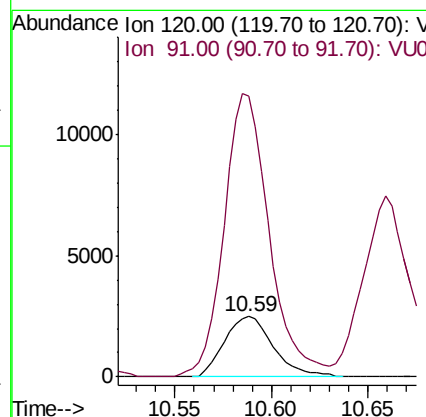
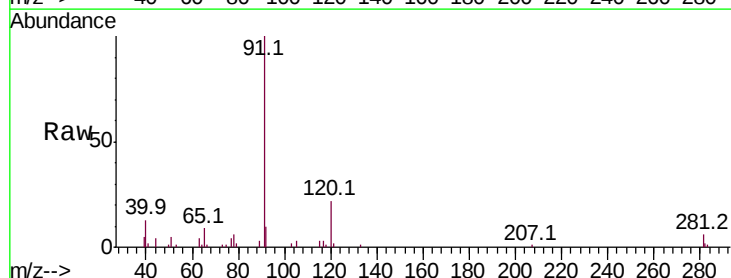
RT: 10.59 min Scan# 2954

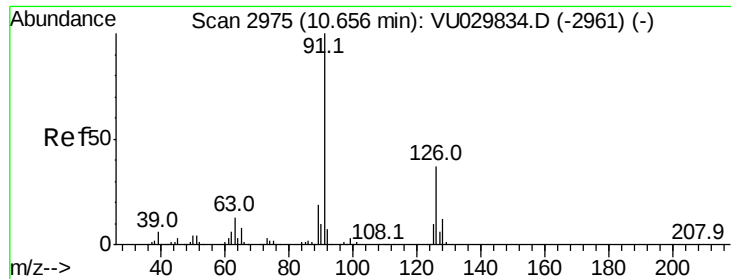
Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
120	100		
91	433.8	333.4	500.2





#74

2-Chlorotoluene

Concen: 0.217 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampled :

MDL06

Tot Ion:126 Resp: 4171

Ion Ratio Lower Upper

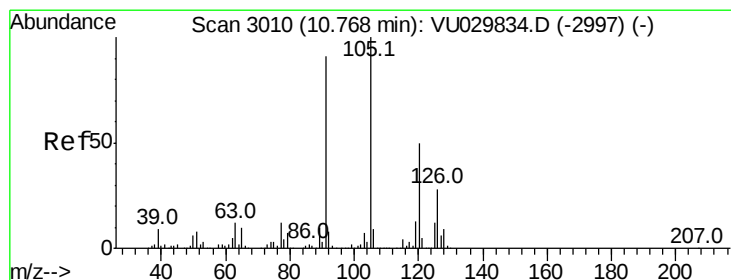
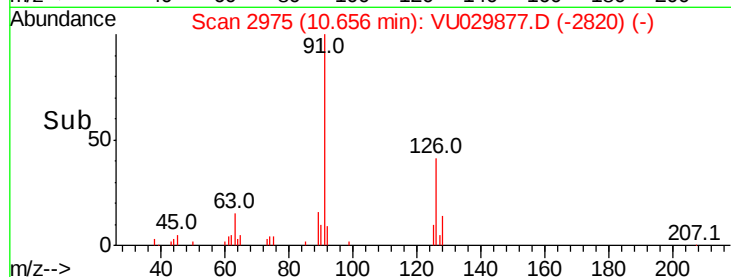
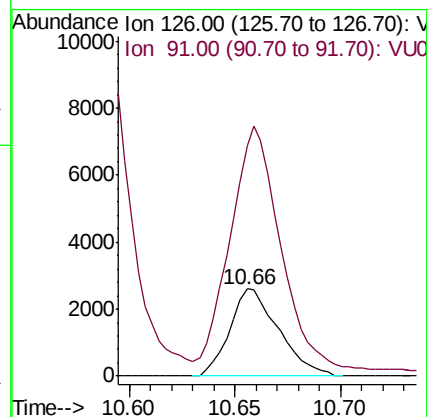
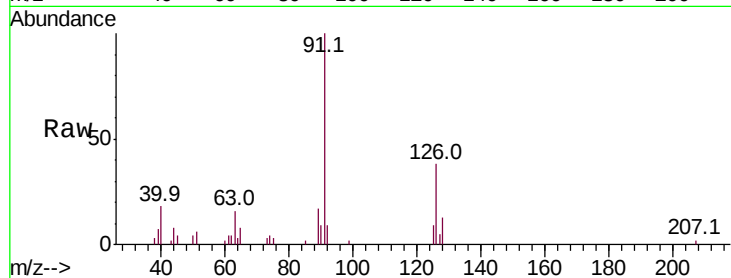
126 100

91 298.4 0.0 569.0

Manual Integrations
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3/11/2019 6:55:33 PM



#75

1,3,5-Trimethylbenzene

Concen: 0.201 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029877.D

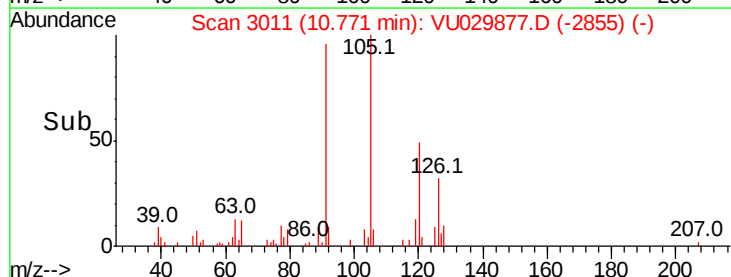
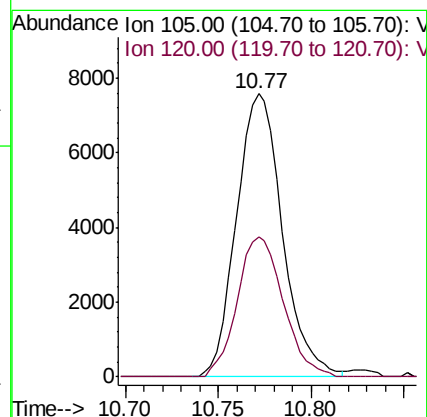
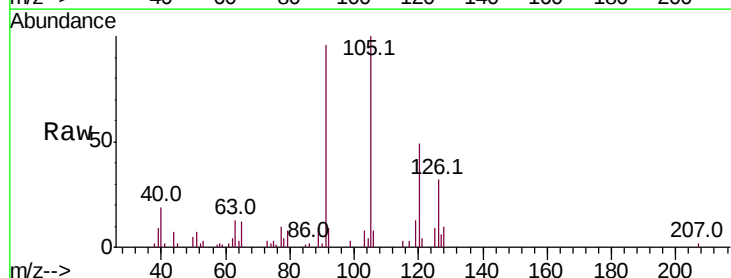
Acq: 08 Mar 2019 10:10

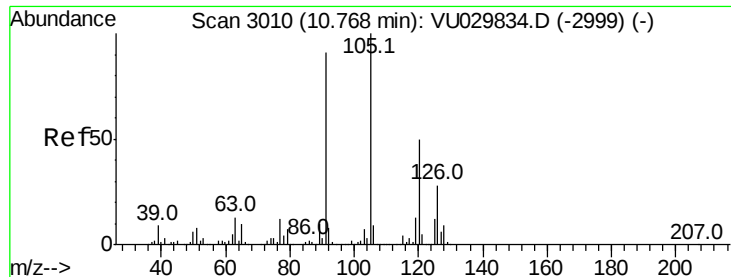
Tgt Ion:105 Resp: 13020

Ion Ratio Lower Upper

105 100

120 49.6 40.0 60.0





#76

4-Chlorotoluene

Concen: 0.214 ug/l

RT: 10.77 min Scan# 3012

Delta R.T. 0.01 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tot Ion:126 Resp: 4181

Ion Ratio Lower Upper

126 100

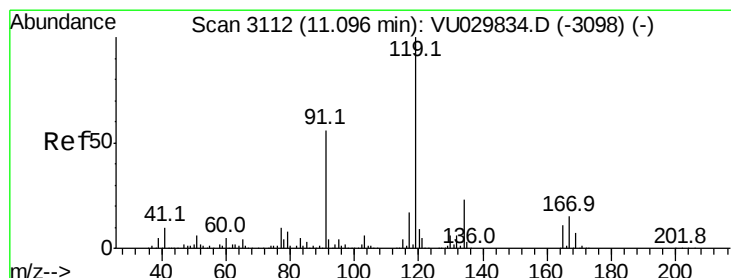
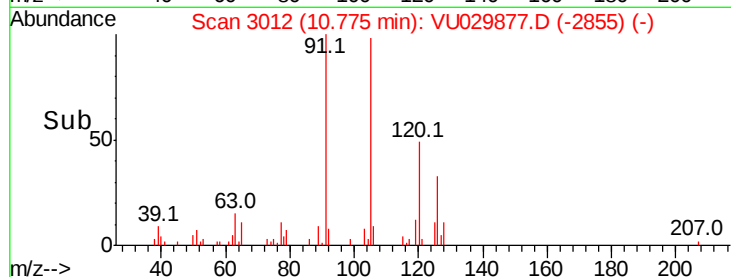
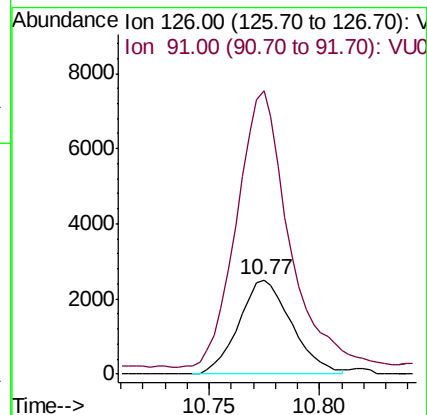
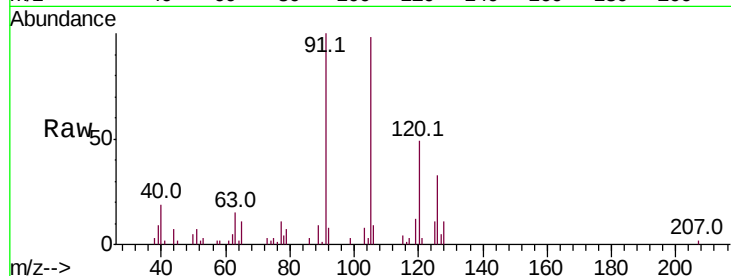
91 293.9 0.0 634.8

Manual Integrations

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3/11/2019 6:55:33 PM



#77

tert-Butylbenzene

Concen: 0.209 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029877.D

Acq: 08 Mar 2019 10:10

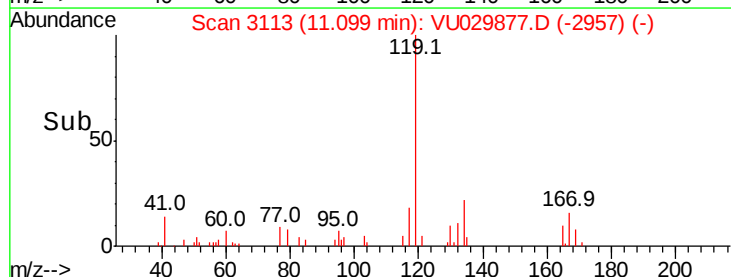
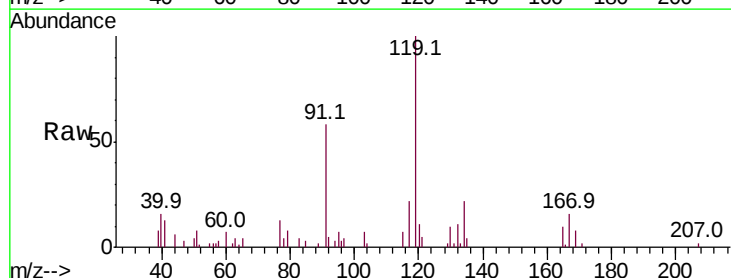
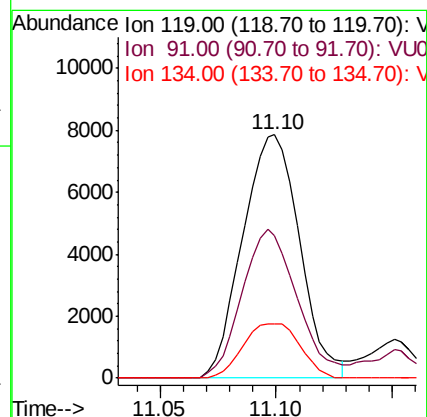
Tgt Ion:119 Resp: 13380

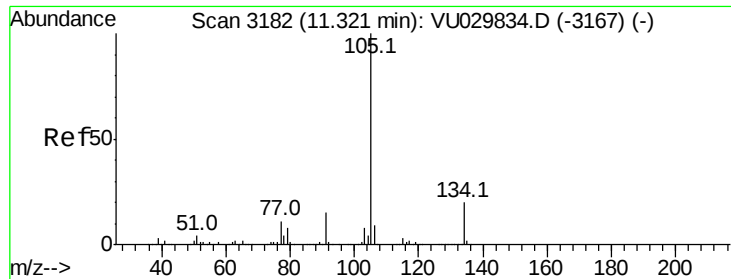
Ion Ratio Lower Upper

119 100

91 59.3 27.7 83.1

134 22.4 18.7 28.1





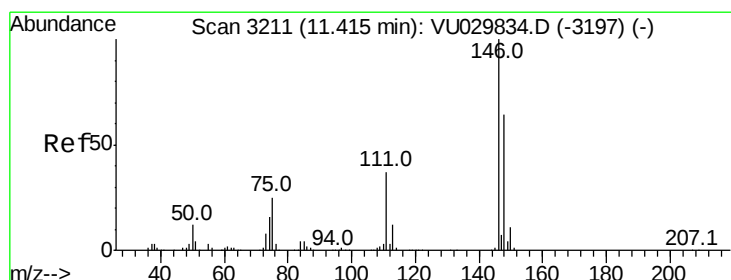
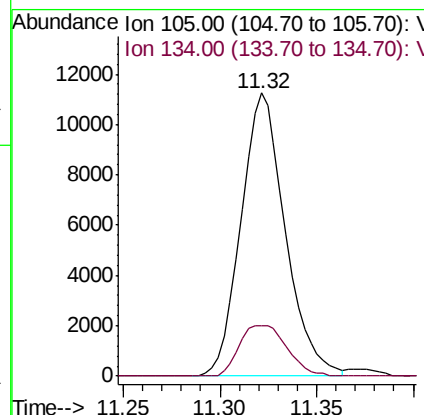
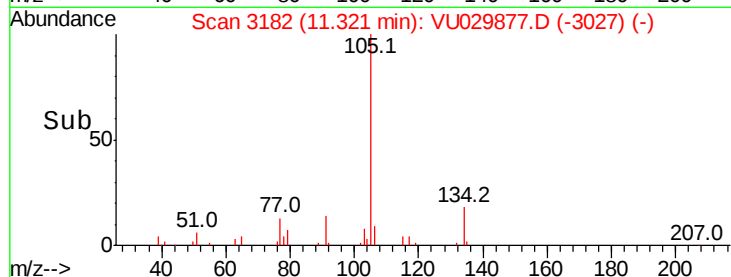
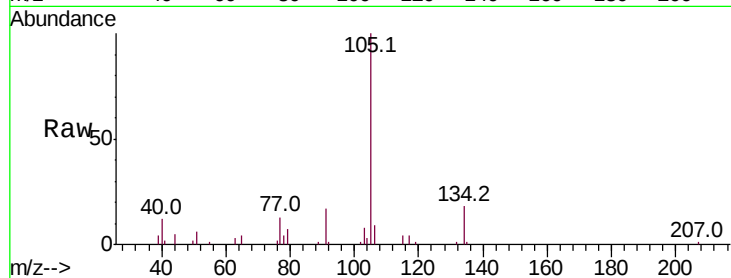
#79
 sec-Butylbenzene
 Concen: 0.211 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion:105 Resp: 17903
 Ion Ratio Lower Upper
 105 100
 134 19.1 16.3 24.5

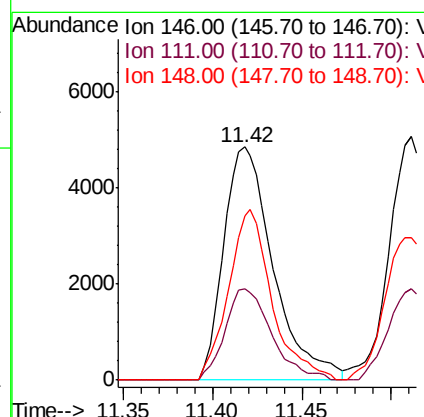
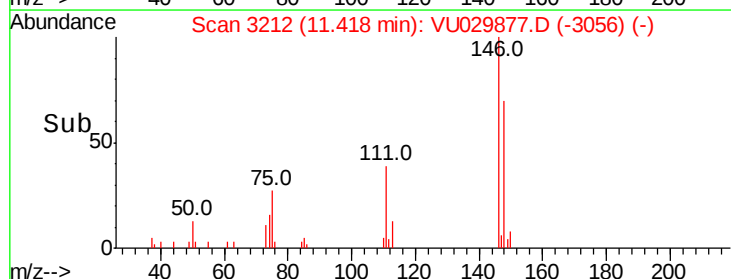
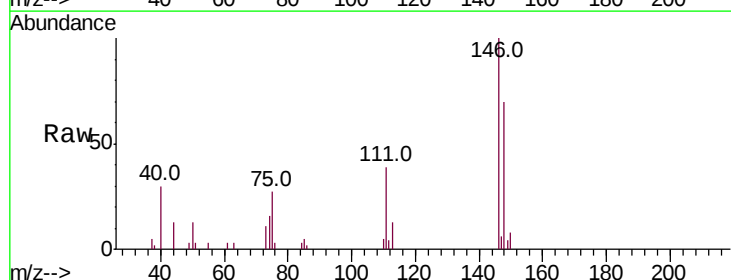
Manual Integrations
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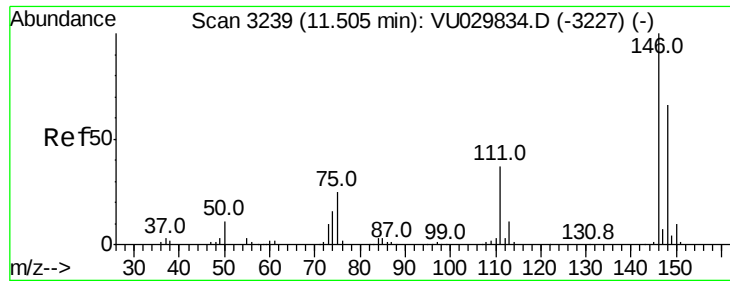
MMDadoda
 3/11/2019 6:55:33 PM



#82
 1,3-Dichlorobenzene
 Concen: 0.232 ug/l
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion:146 Resp: 9347
 Ion Ratio Lower Upper
 146 100
 111 36.6 30.2 45.4
 148 63.9 51.2 76.8





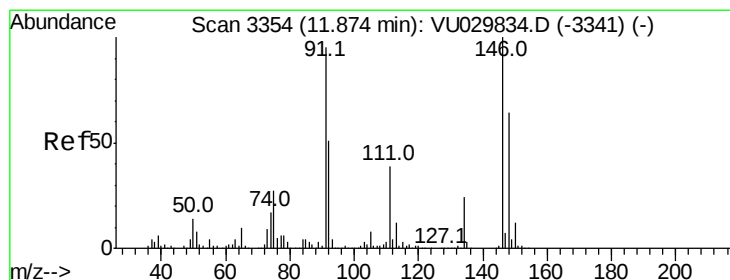
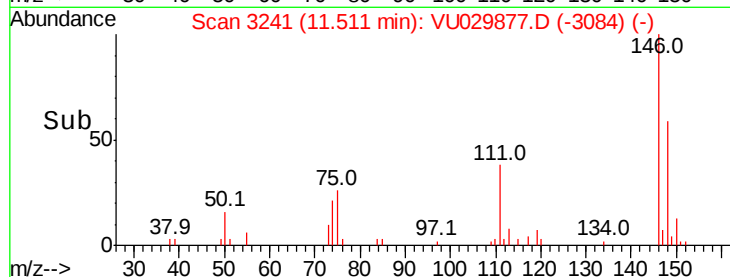
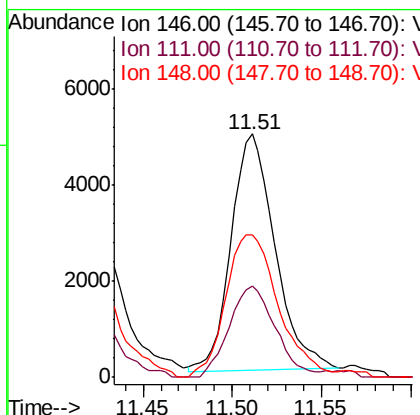
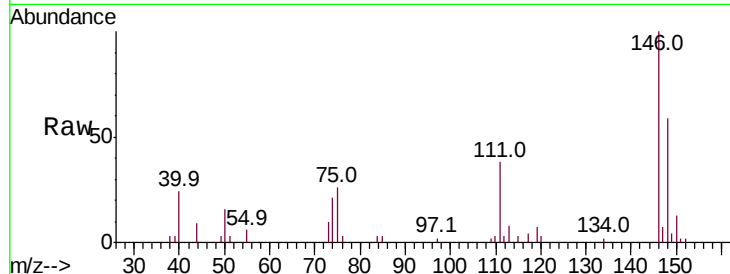
#83
 1,4-Dichlorobenzene
 Concen: 0.215 ug/l
 RT: 11.51 min Scan# 3241
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	29.4	44.2
148	72.1	51.7	77.5

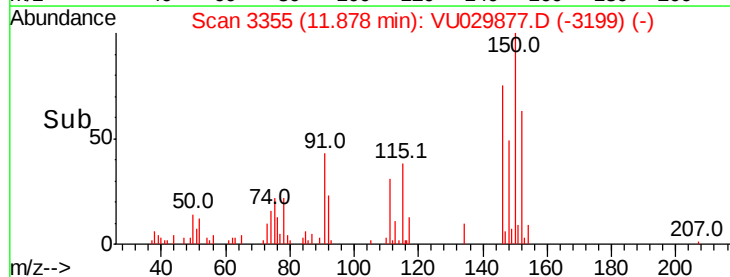
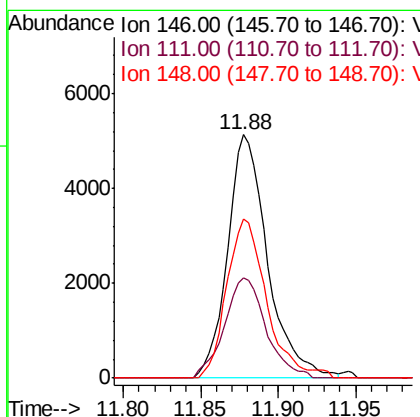
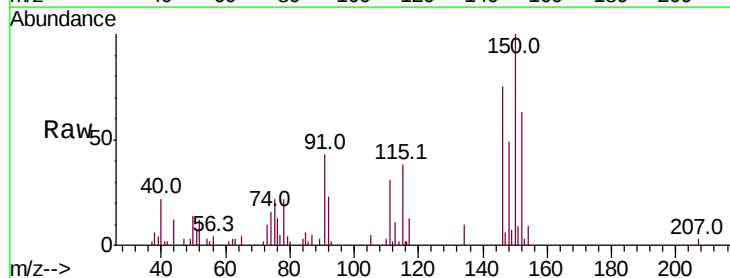
Manual Integrations
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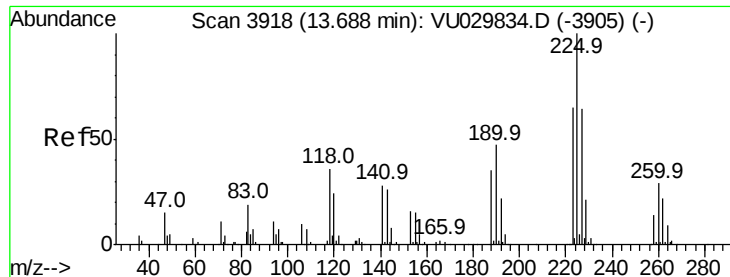
MMDadoda
 3/11/2019 6:55:33 PM



#85
 1,2-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.9	59.6
148	65.5	32.1	96.3





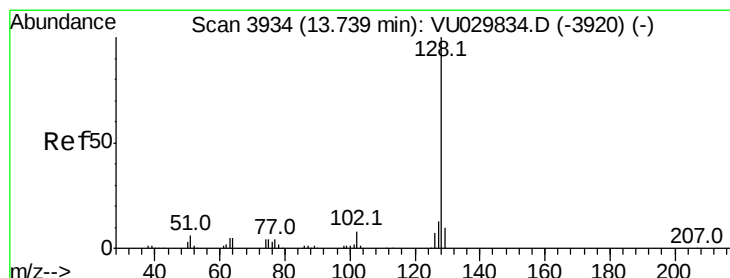
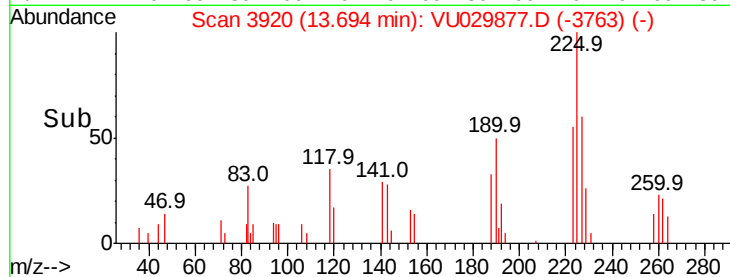
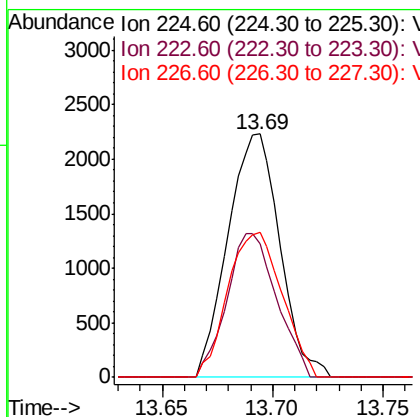
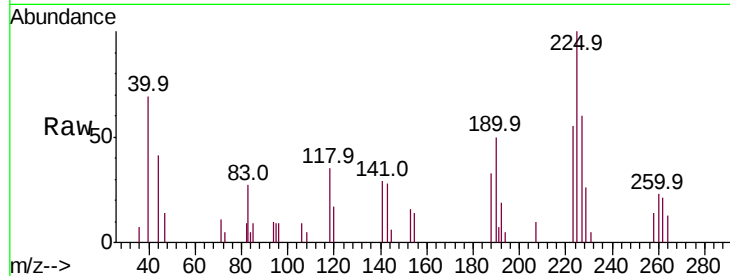
#88
Hexachlorobutadiene
Concen: 0.238 ug/l
RT: 13.69 min Scan# 3920
Delta R.T. 0.01 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
225	100		
223	56.5	51.2	76.8
227	62.2	50.9	76.3

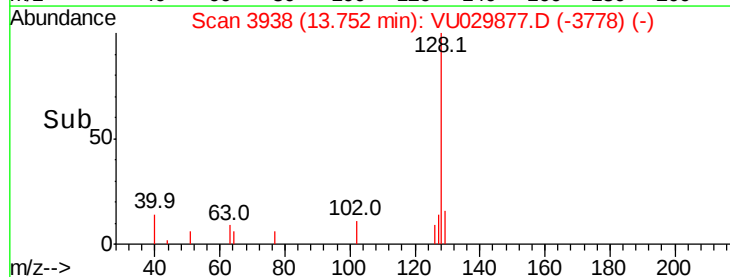
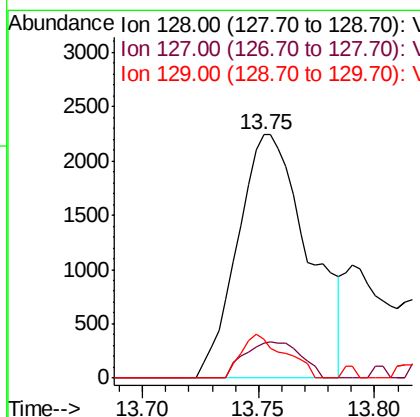
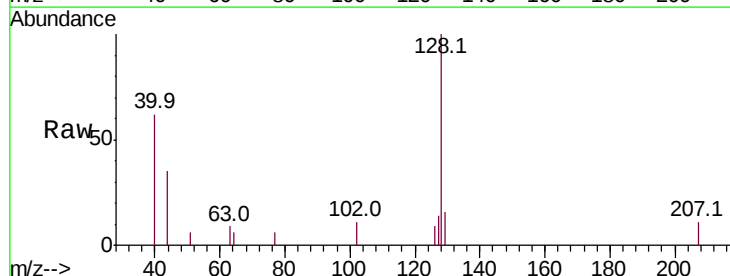
Manual Integrations
APPROVED

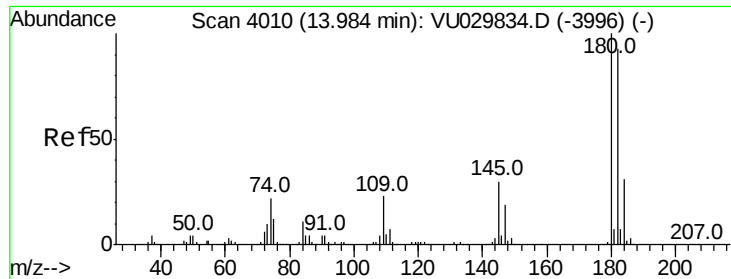
MMDadoda
3/11/2019 6:55:33 PM



#89
Naphthalene
Concen: 0.554 ug/l
RT: 13.75 min Scan# 3938
Delta R.T. 0.01 min
Lab File: VU029877.D
Acq: 08 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	11.1	8.2	12.4





#90
 1,2,3-Trichlorobenzene
 Concen: 0.219 ug/l m
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU029877.D
 Acq: 08 Mar 2019 10:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	74.8	112.2
145	22.1	24.6	36.8

Manual Integrations
 APPROVED

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