

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010106.D
 Acq On : 07 Jun 2019 13:27
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:45 AM

Quant Time: Jun 07 13:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	468071	162.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	324.46%	
35) Dibromofluoromethane	5.50	113	445826	156.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	313.58%	
50) Toluene-d8	8.72	98	1645843	152.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	304.42%	
62) 4-Bromofluorobenzene	11.13	95	618410	152.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	305.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	475576	156.832	ug/l	99
3) Chloromethane	1.32	50	409022	147.360	ug/l	99
4) Vinyl Chloride	1.41	62	434401	166.523	ug/l	99
5) Bromomethane	1.64	94	135515	139.225	ug/l	100
7) Trichlorofluoromethane	1.92	101	592515	155.275	ug/l	100
8) Diethyl Ether	2.19	74	197225	155.706	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	405389	157.628	ug/l	92
10) Methyl Iodide	2.50	142	664667	156.669	ug/l	97
11) Tert butyl alcohol	3.07	59	543746	753.526	ug/l	99
12) 1,1-Dichloroethene	2.36	96	413486	155.924	ug/l #	81
13) Acrolein	2.30	56	107054	737.909	ug/l	99
14) Allyl chloride	2.72	41	625904	157.362	ug/l #	87
15) Acrylonitrile	3.15	53	1116131	762.731	ug/l	99
16) Acetone	2.45	43	1007385	747.279	ug/l #	89
17) Carbon Disulfide	2.56	76	1170558	156.789	ug/l	99
18) Methyl Acetate	2.78	43	464927	160.385	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	1335343	157.382	ug/l	94
20) Methylene Chloride	2.85	84	453591	155.414	ug/l #	79
21) trans-1,2-Dichloroethene	3.16	96	435953	152.101	ug/l #	80
22) Diisopropyl ether	3.86	45	1209073	154.938	ug/l #	81
23) Vinyl Acetate	3.82	43	5378386	764.756	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	725103	157.951	ug/l	96
25) 2-Butanone	4.68	43	1575883	763.868	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	650873	154.024	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	514508	157.351	ug/l	80
28) Bromochloromethane	5.02	49	324166	156.289	ug/l #	50
29) Tetrahydrofuran	5.13	42	987852	774.962	ug/l #	75
30) Chloroform	5.21	83	763643	157.099	ug/l	99
31) Cyclohexane	5.57	56	670479	156.485	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	701133	158.250	ug/l	94
36) 1,1-Dichloropropene	5.80	75	576811	157.081	ug/l	93
37) Ethyl Acetate	4.84	43	597601	154.594	ug/l #	92
38) Carbon Tetrachloride	5.78	117	637064	153.146	ug/l	100
39) Methylcyclohexane	7.46	83	770251	154.962	ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	1766239	152.864	ug/l	99
41) Methacrylonitrile	5.05	41	320280	151.685	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	568715	154.863	ug/l	95
43) Isopropyl Acetate	6.45	43	987344	153.305	ug/l #	89
44) Trichloroethene	7.21	130	527130	154.620	ug/l	89
45) 1,2-Dichloropropane	7.51	63	444953	154.053	ug/l	99
46) Dibromomethane	7.66	93	325027	156.275	ug/l	93
47) Bromodichloromethane	7.90	83	631995	155.815	ug/l	99
48) Methyl methacrylate	7.77	41	470497	150.740	ug/l #	79
49) 1,4-Dioxane	7.74	88	249493	2906.649	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	2798810	695.730	ug/l	89
52) Toluene	8.79	92	1131929	151.129	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	727459	154.422	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	774086	154.933	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	472175	150.612	ug/l	97
56) Ethyl methacrylate	9.18	69	741010	147.542	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	737559	151.540	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	1682542	701.914	ug/l #	86
59) 2-Hexanone	9.49	43	2218931	697.060	ug/l	88
60) Dibromochloromethane	9.58	129	563755	152.058	ug/l	100
61) 1,2-Dibromoethane	9.67	107	521836	151.742	ug/l	100
64) Tetrachloroethene	9.33	164	445163	154.096	ug/l	99
65) Chlorobenzene	10.14	112	1256142	151.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	496294	155.679	ug/l	100
67) Ethyl Benzene	10.25	91	2137011	151.537	ug/l	94
68) m/p-Xylenes	10.36	106	1596673	292.540	ug/l	91
69) o-Xylene	10.70	106	791018	147.377	ug/l	90
70) Stvrene	10.71	104	1364195	146.247	ug/l	96
71) Bromoform	10.86	173	459290	155.285	ug/l #	98
73) Isopropylbenzene	11.02	105	2104637	150.309	ug/l	95
74) N-amyl acetate	10.90	43	871751	156.037	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	721758	152.265	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	577098m	145.787	ug/l	
77) Bromobenzene	11.26	156	569965	148.818	ug/l	86
78) n-propylbenzene	11.36	91	2397680	152.453	ug/l	94
79) 2-Chlorotoluene	11.42	91	1416607	151.448	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	1725809	147.316	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	289136	156.670	ug/l	84
82) 4-Chlorotoluene	11.51	91	1597335	147.684	ug/l	94
83) tert-Butylbenzene	11.77	119	1800117	151.918	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1803304	151.874	ug/l	97
85) sec-Butylbenzene	11.94	105	2101533	151.631	ug/l	96
86) p-Isopropyltoluene	12.06	119	1925472	150.984	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	1038354	153.430	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1032126	154.843	ug/l	98
89) n-Butylbenzene	12.38	91	1679097	151.957	ug/l	97
90) Hexachloroethane	12.60	117	394213	156.553	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	972938	148.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	179792	165.236	ug/l	73
93) 1,2,4-Trichlorobenzene	13.65	180	749508	160.296	ug/l	99

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VSTDICC150

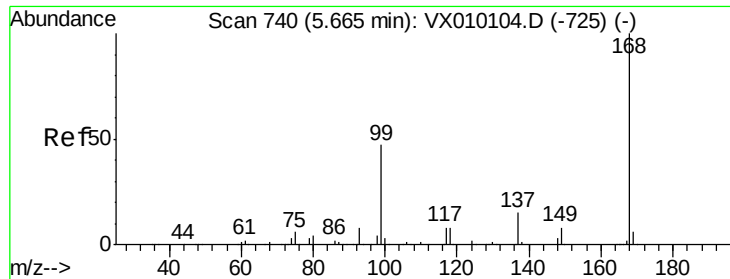
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	316682	152.273	ug/l	98
95) Naphthalene	13.83	128	2385358	158.161	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	743847	160.512	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 305400

Ion Ratio Lower Upper

168 100

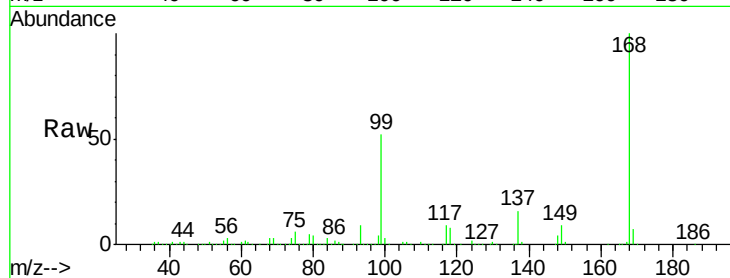
99 51.6 43.0 64.6

Manual Integrations

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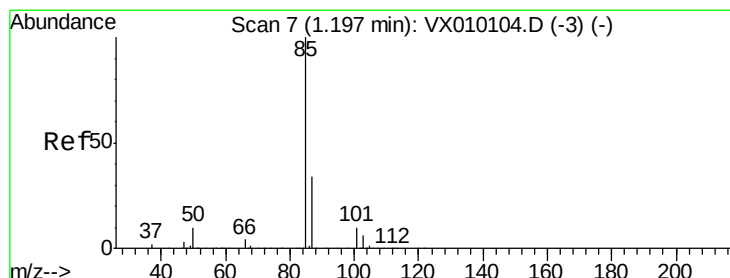
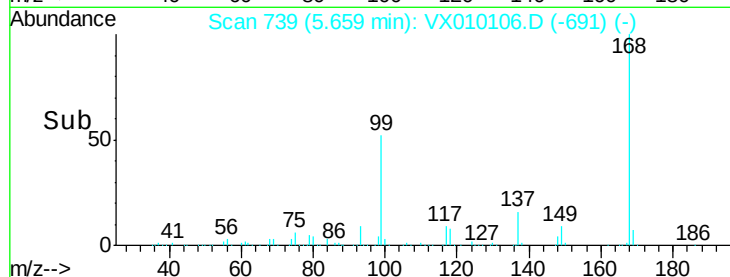
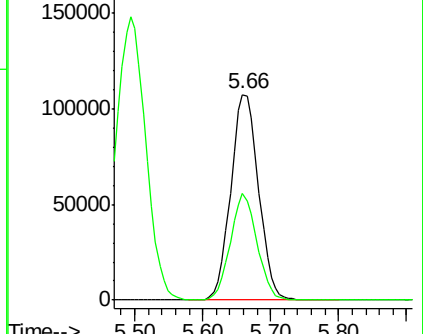
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 156.832 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010106.D

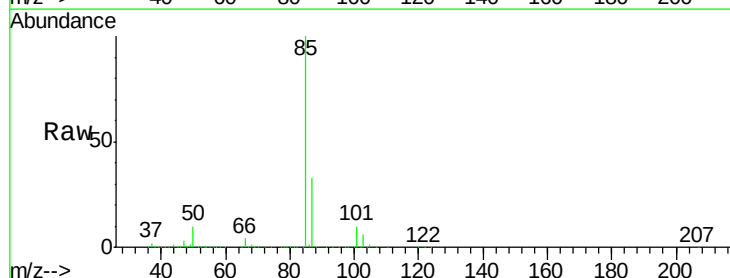
Acq: 07 Jun 2019 13:27

Tgt Ion: 85 Resp: 475576

Ion Ratio Lower Upper

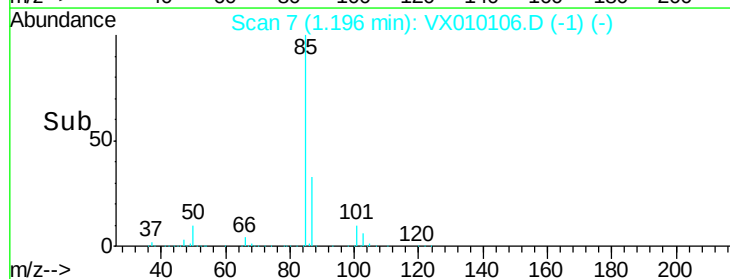
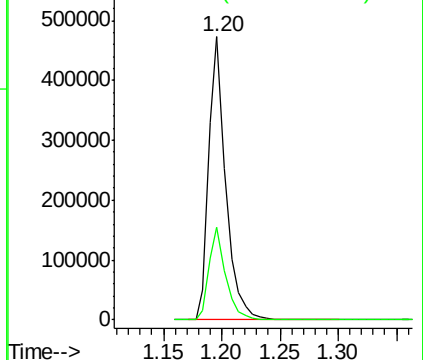
85 100

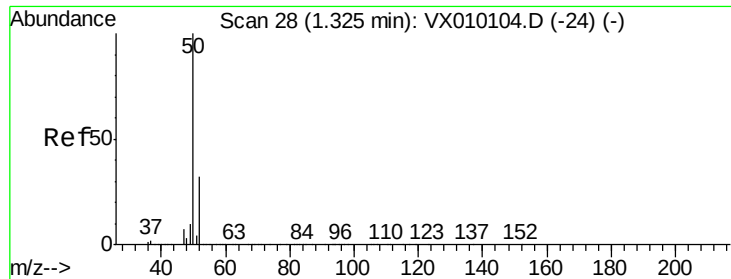
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 147.360 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 409022

Ion Ratio Lower Upper

50 100

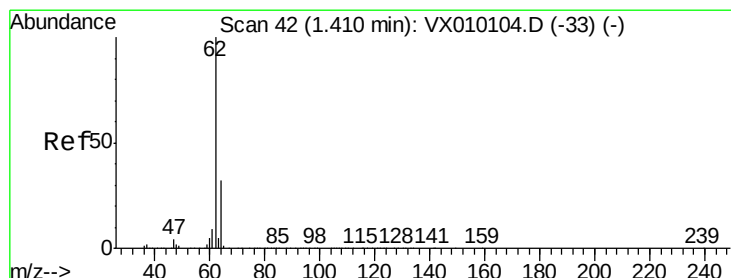
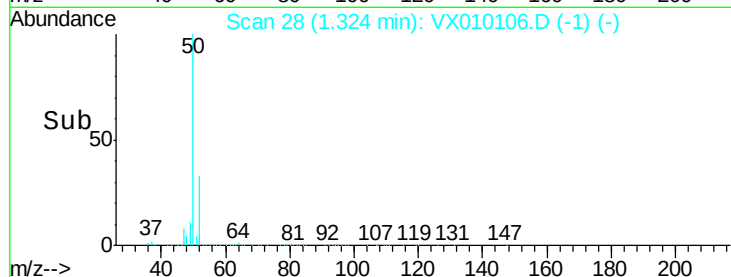
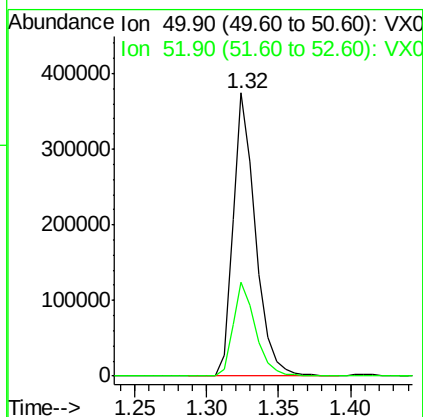
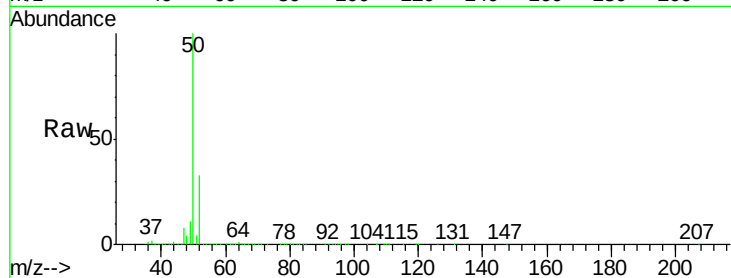
52 33.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 166.523 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010106.D

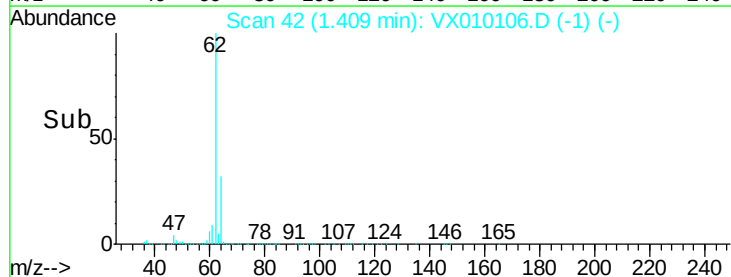
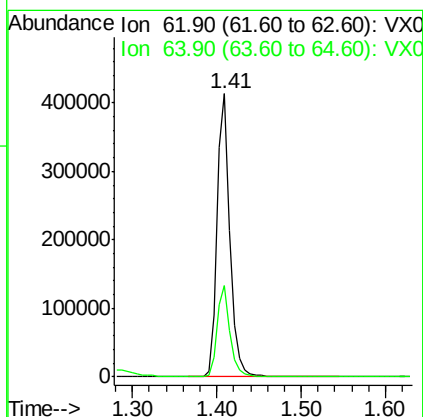
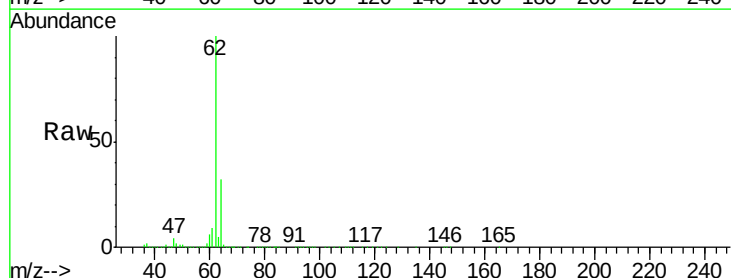
Acq: 07 Jun 2019 13:27

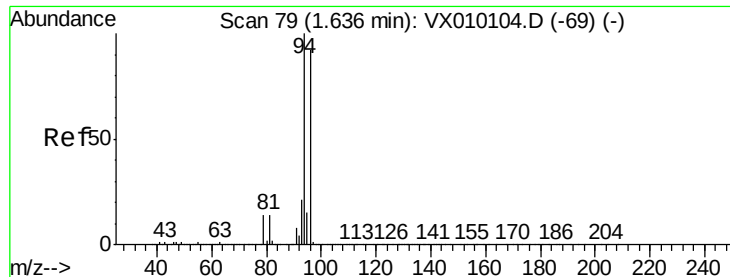
Tgt Ion: 62 Resp: 434401

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 139.225 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 135515

Ion Ratio Lower Upper

94 100

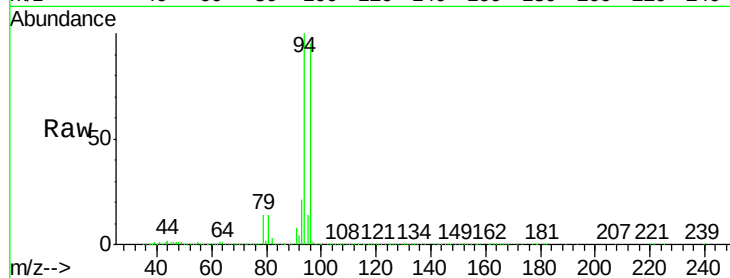
96 95.1 76.2 114.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

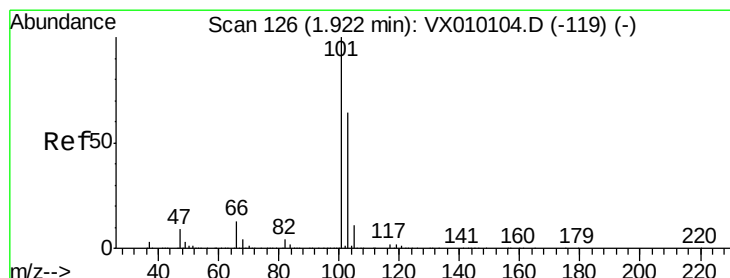
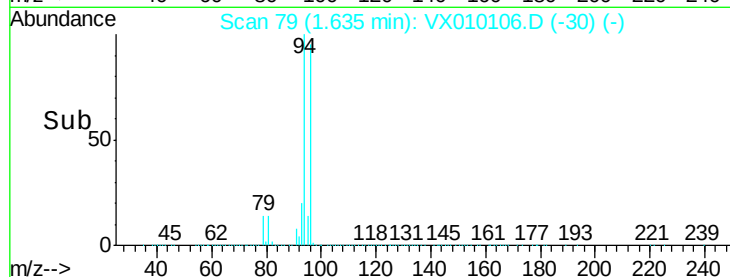
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#7

Trichlorofluoromethane

Concen: 155.275 ug/l

RT: 1.92 min Scan# 125

Delta R.T. -0.01 min

Lab File: VX010106.D

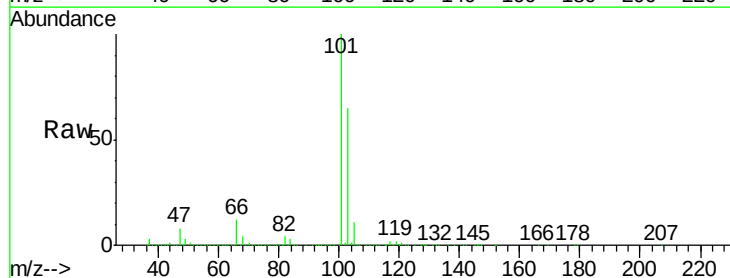
Acq: 07 Jun 2019 13:27

Tgt Ion:101 Resp: 592515

Ion Ratio Lower Upper

101 100

103 65.4 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

400000

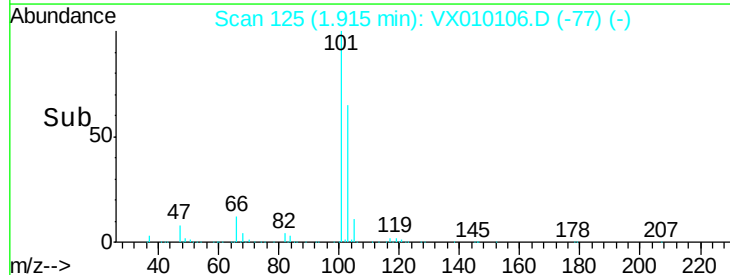
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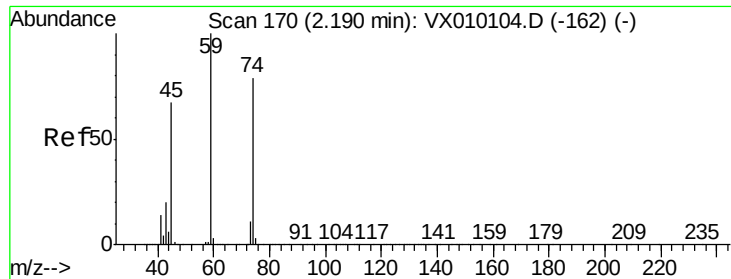
200000

100000

0

Time--> 1.80 1.90 2.00 2.10





#8

Diethyl Ether

Concen: 155.706 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 197225

Ion Ratio Lower Upper

74 100

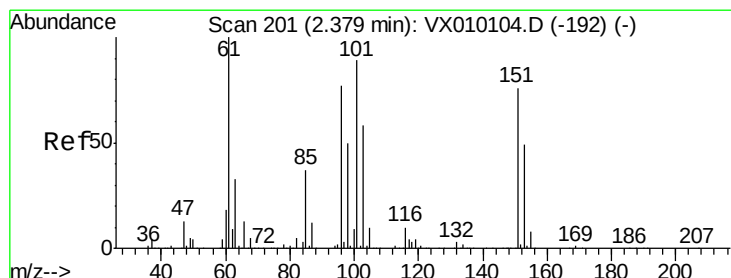
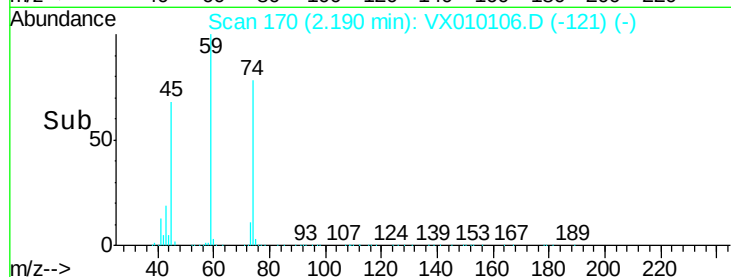
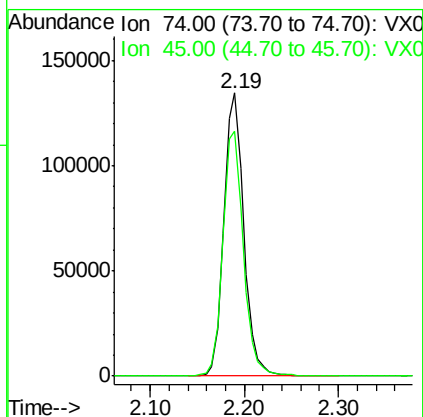
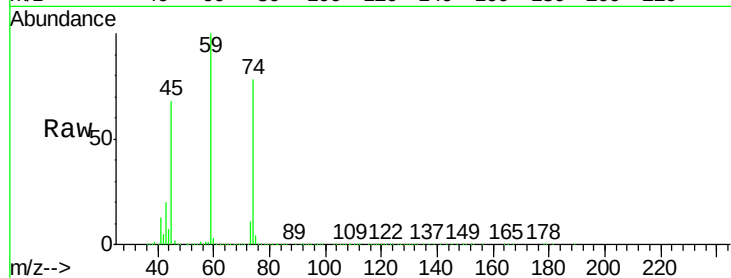
45 88.7 56.1 168.3

Manual Integrations

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6/10/2019 10:53:45 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 157.628 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

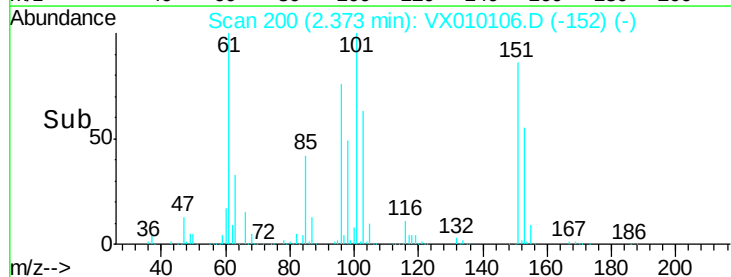
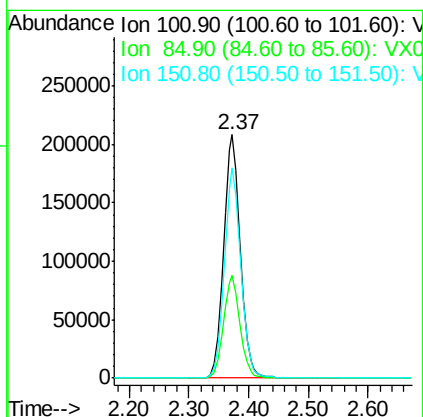
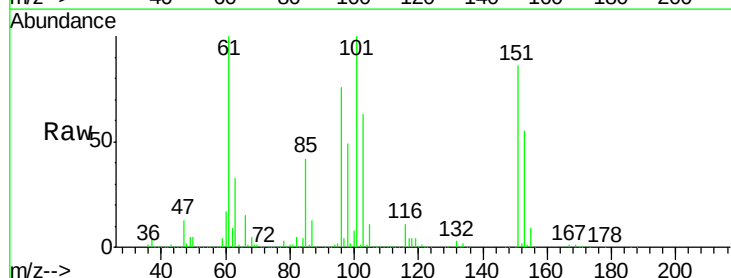
Tgt Ion: 101 Resp: 405389

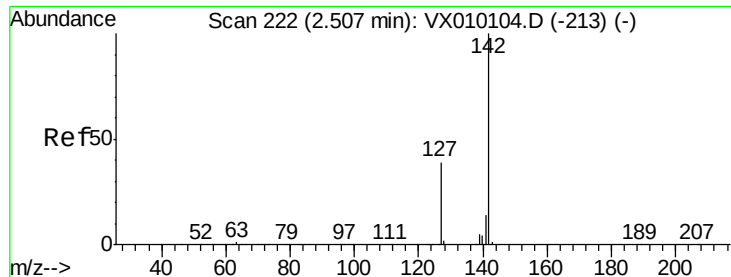
Ion Ratio Lower Upper

101 100

85 41.6 35.2 52.8

151 86.1 61.9 92.9





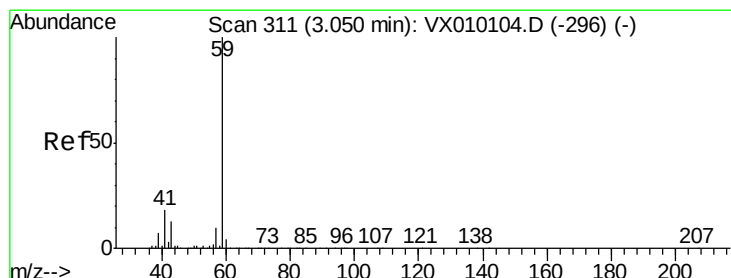
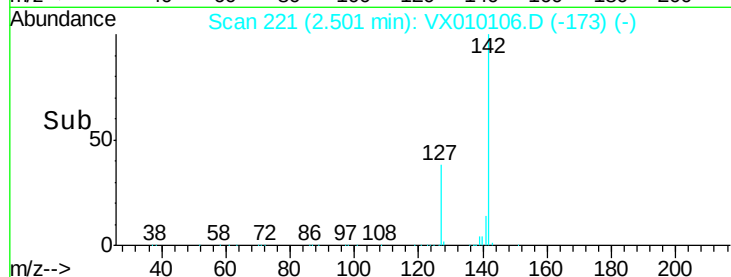
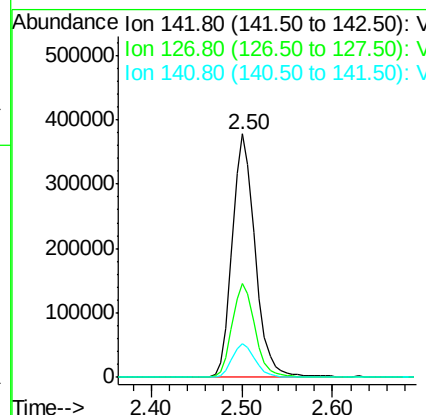
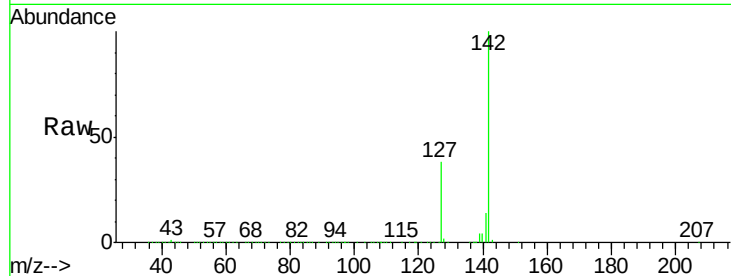
#10
Methvl Iodide
Concen: 156.669 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX010106.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
142	100		
127	38.7	33.0	49.4
141	14.1	11.4	17.0

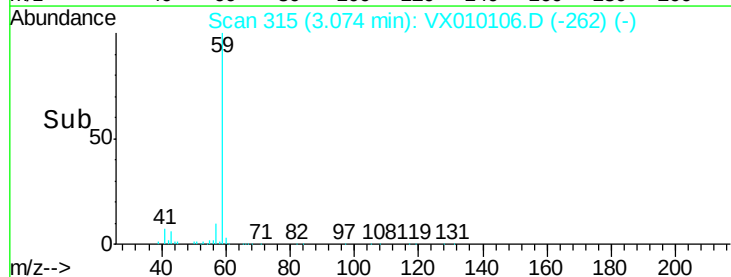
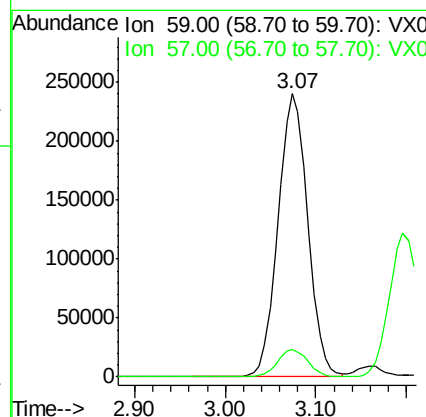
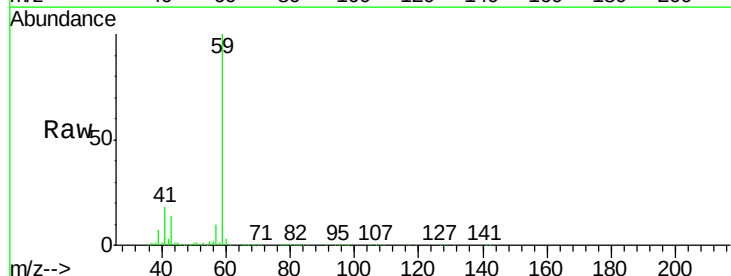
Manual Integrations
APPROVED

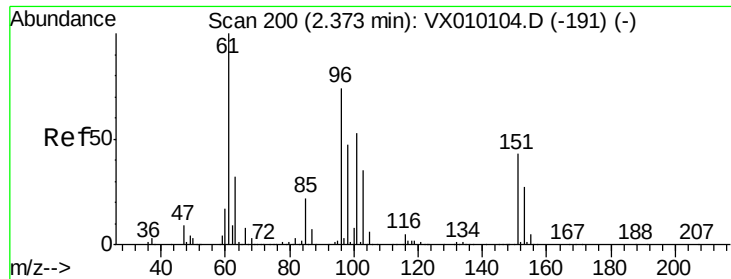
MMDadoda
6/10/2019 10:53:45 AM



#11
Tert butyl alcohol
Concen: 753.526 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2





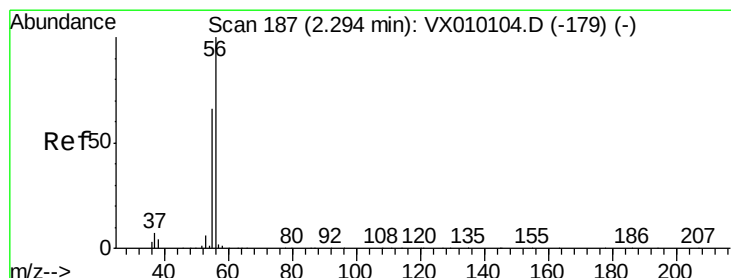
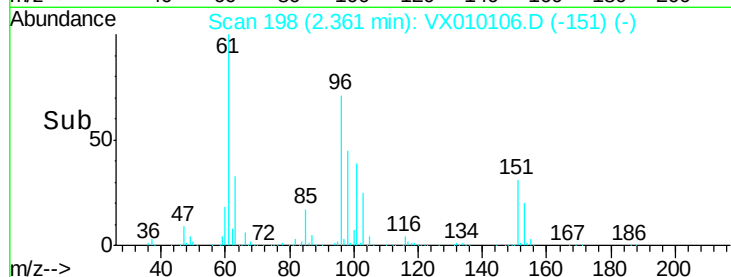
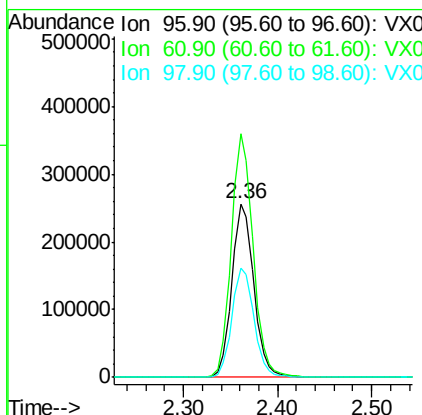
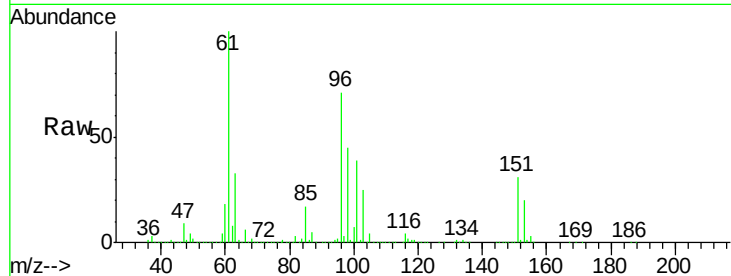
#12
1,1-Dichloroethene
Concen: 155.924 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	140.5	140.7	211.1#	
98	63.2	50.1	75.1	

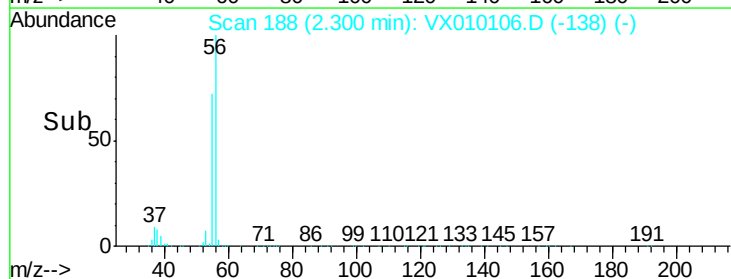
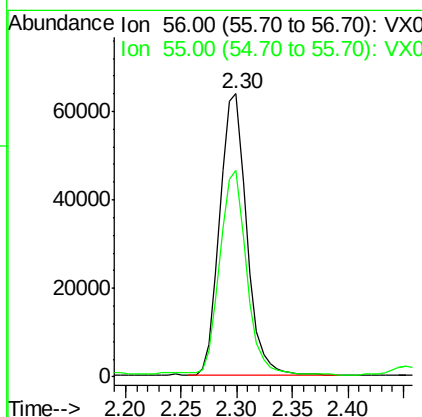
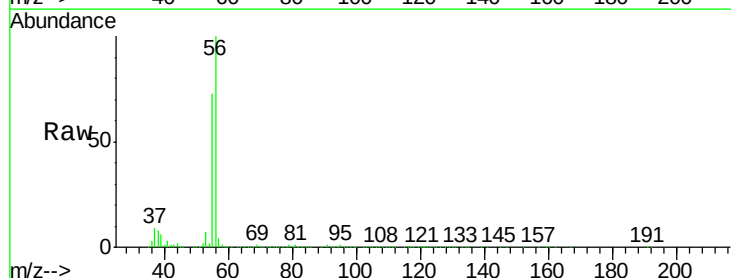
Manual Integrations
APPROVED

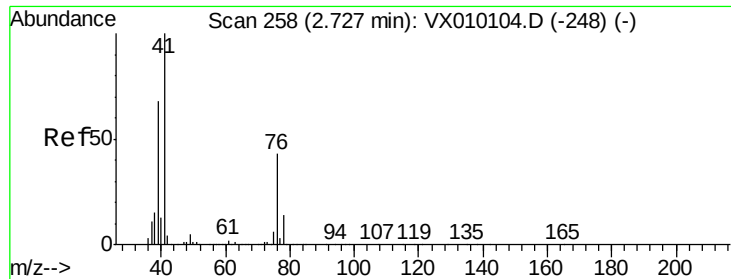
MMDadoda
6/10/2019 10:53:45 AM



#13
Acrolein
Concen: 737.909 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.7	57.0	85.4	





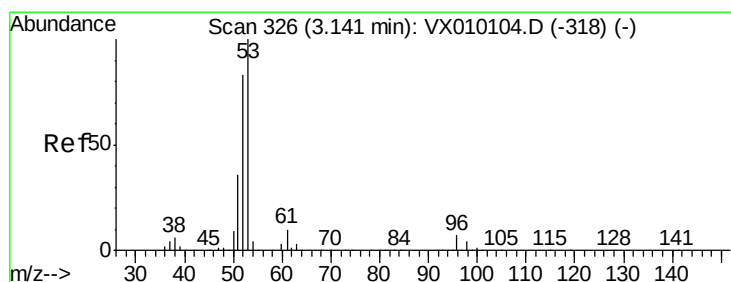
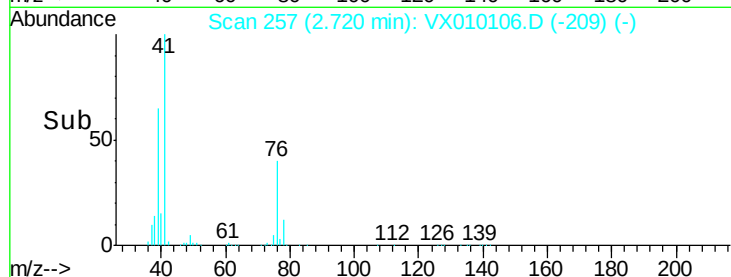
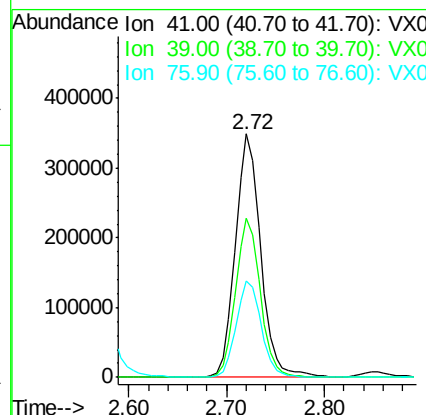
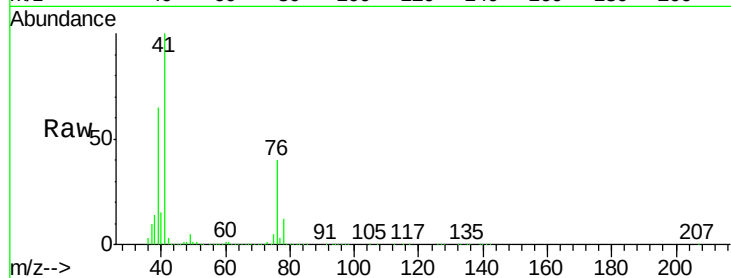
#14
Allvl chloride
Concen: 157.362 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.9	46.7	70.1
76	39.6	21.0	31.4#

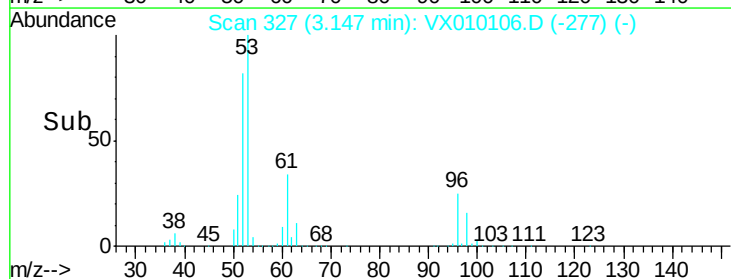
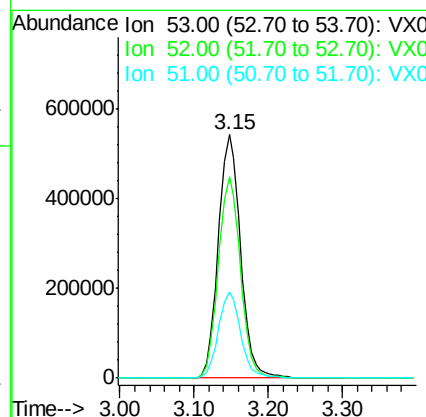
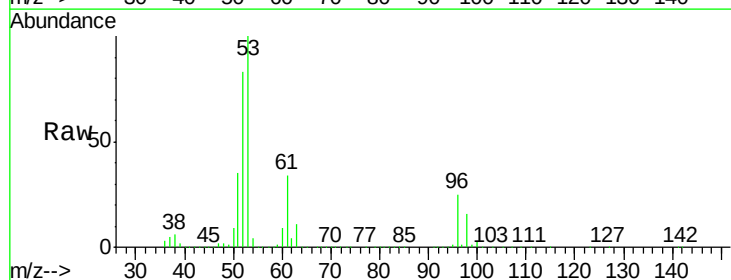
Manual Integrations
APPROVED

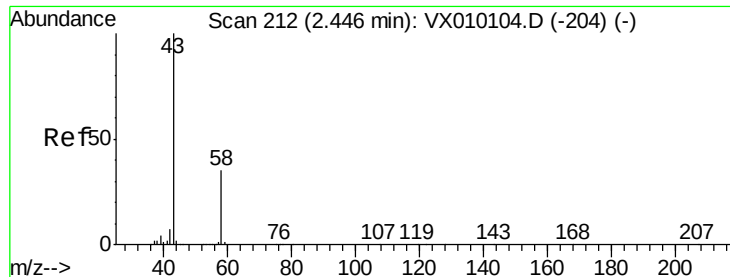
MMDadoda
6/10/2019 10:53:45 AM



#15
Acrylonitrile
Concen: 762.731 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	35.2	28.8	43.2





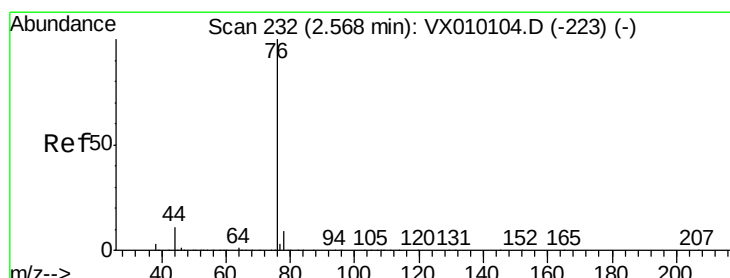
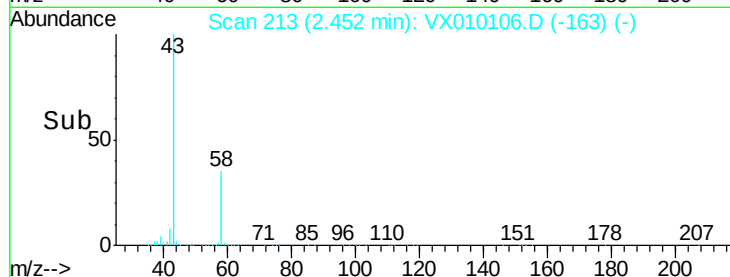
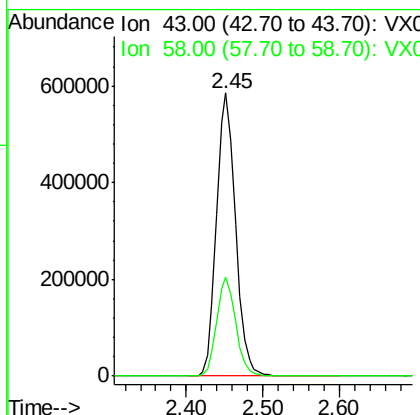
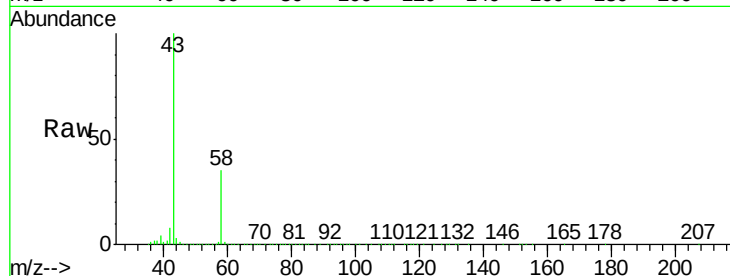
#16
Acetone
Concen: 747.279 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1007385
Ion Ratio Lower Upper
43 100
58 35.0 23.2 34.8#

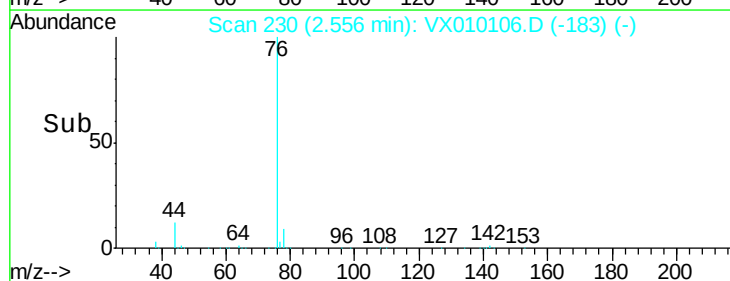
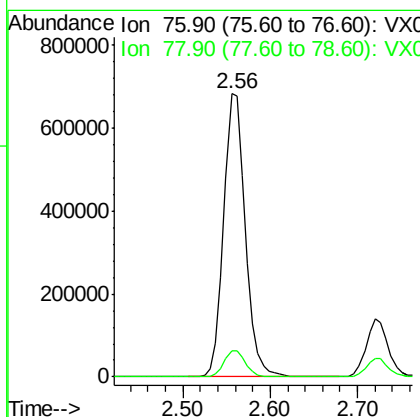
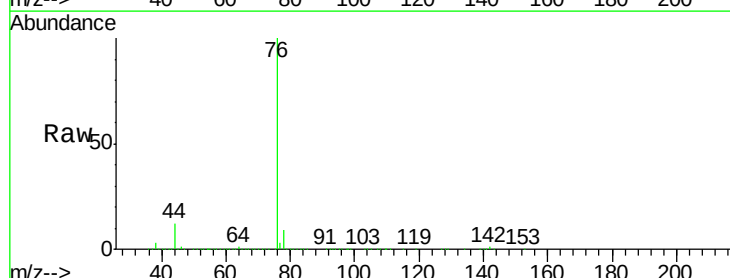
Manual Integrations
APPROVED

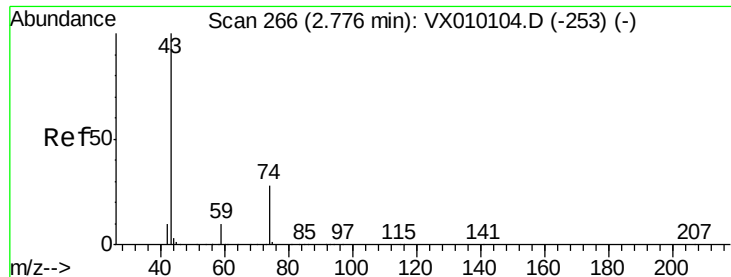
MMDadoda
6/10/2019 10:53:45 AM



#17
Carbon Disulfide
Concen: 156.789 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 76 Resp: 1170558
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





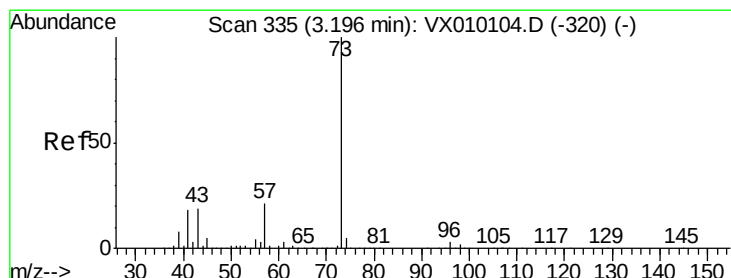
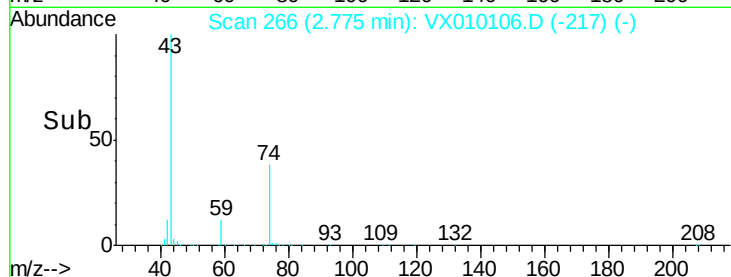
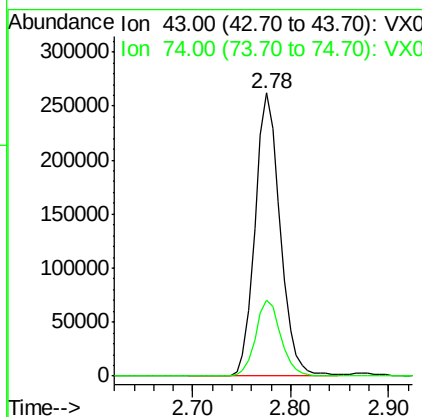
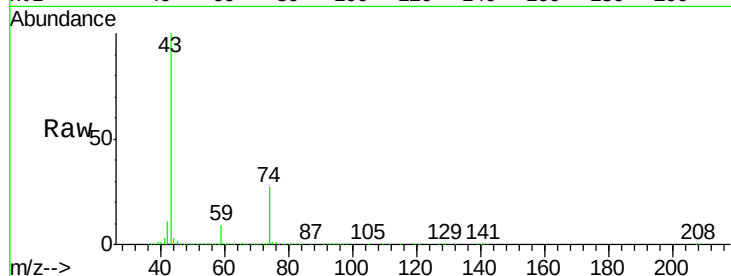
#18
Methyl Acetate
Concen: 160.385 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 464927
Ion Ratio Lower Upper
43 100
74 27.1 15.8 23.6#

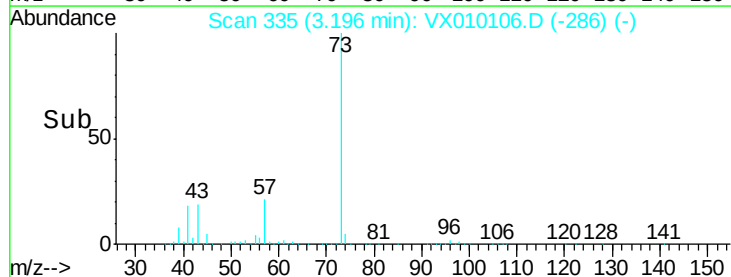
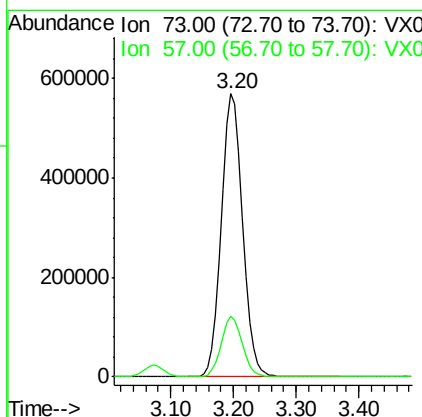
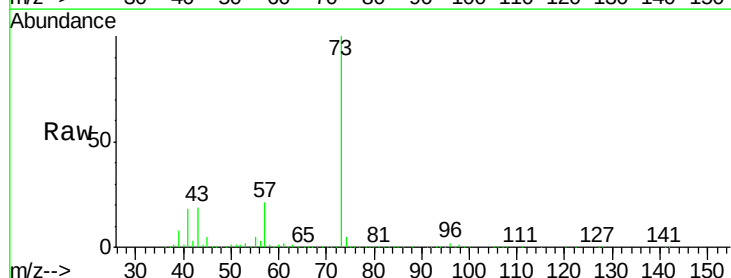
Manual Integrations
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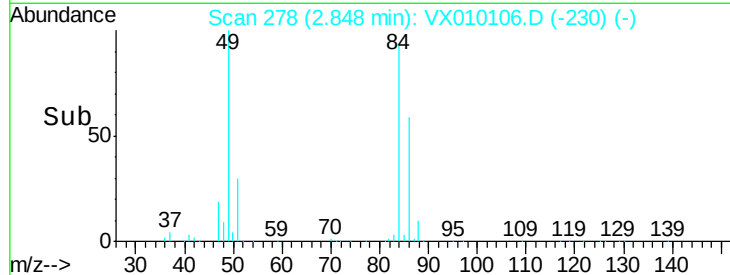
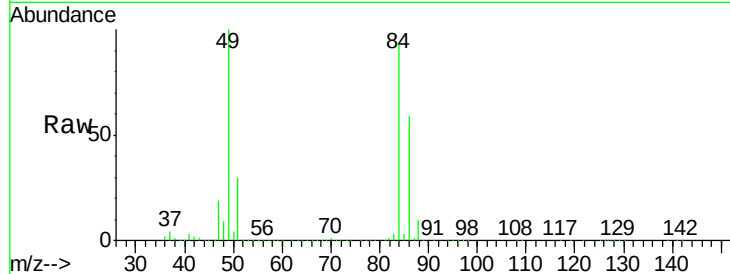
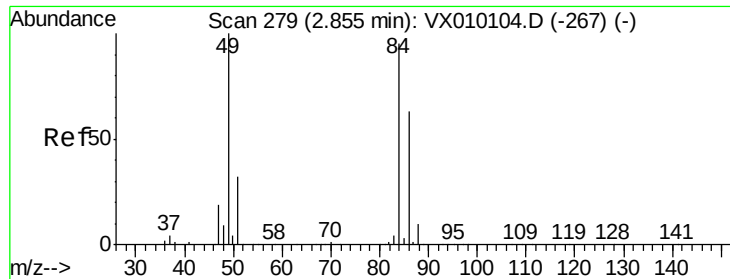
MMDadoda
6/10/2019 10:53:45 AM



#19
Methyl tert-butyl Ether
Concen: 157.382 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 73 Resp: 1335343
Ion Ratio Lower Upper
73 100
57 21.4 19.4 29.2





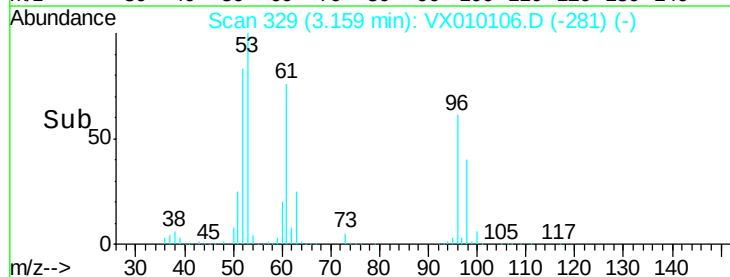
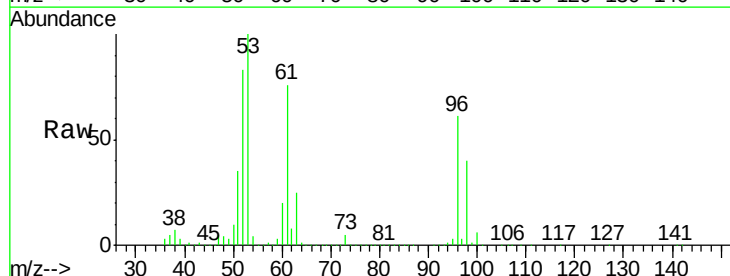
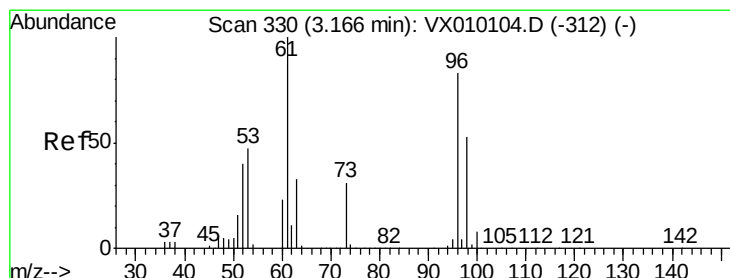
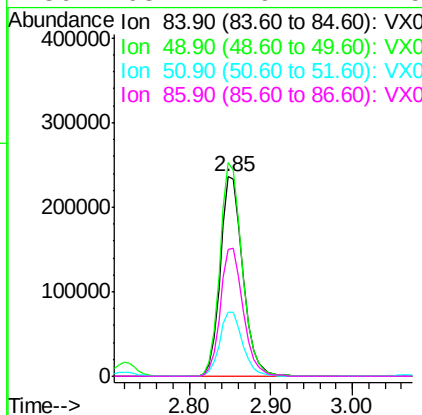
#20
Methvlene Chloride
Concen: 155.414 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tot Ion:	84	Resp:	453591
Ion Ratio	Lower	Upper	
84	100		
49	107.1	115.8	173.6#
51	32.2	34.4	51.6#
86	63.7	49.7	74.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

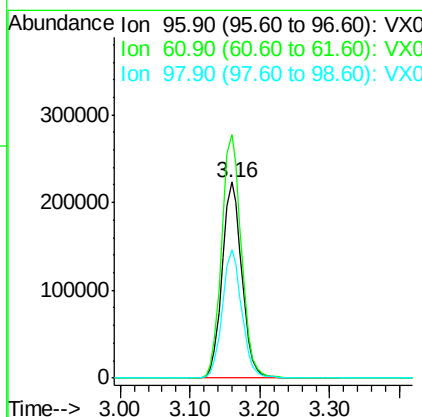
Manual Integrations
APPROVED

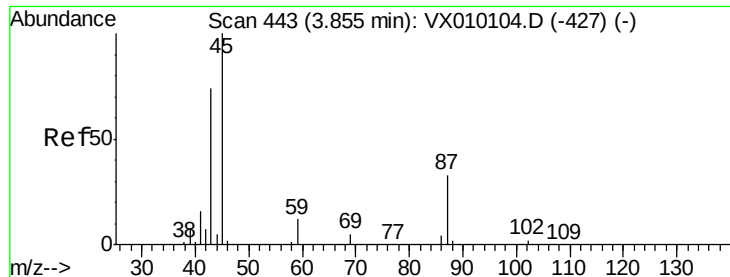
MMDadoda
6/10/2019 10:53:45 AM



#21
trans-1,2-Dichloroethene
Concen: 152.101 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion:	96	Resp:	435953
Ion Ratio	Lower	Upper	
96	100		
61	124.3	125.7	188.5#
98	65.3	49.0	73.6





#22

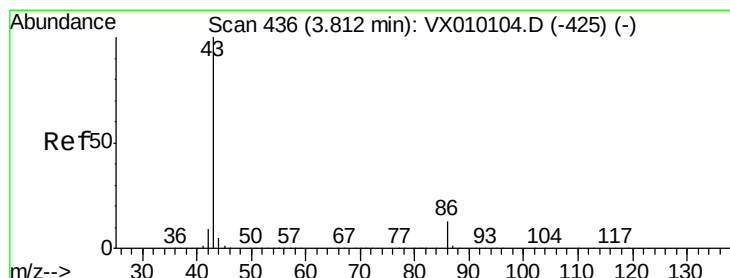
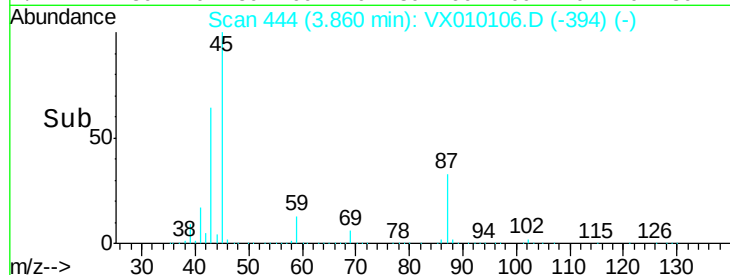
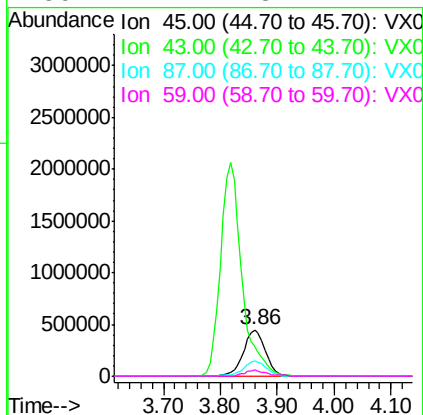
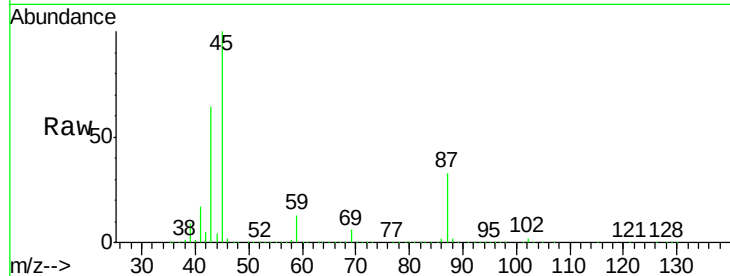
Diisopropyl ether
 Concen: 154.938 ug/l
 RT: 3.86 min Scan# 444
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
45	100		
43	64.3	65.0	97.4#
87	33.3	17.3	25.9#
59	12.7	8.1	12.1#

Manual Integrations
 APPROVED

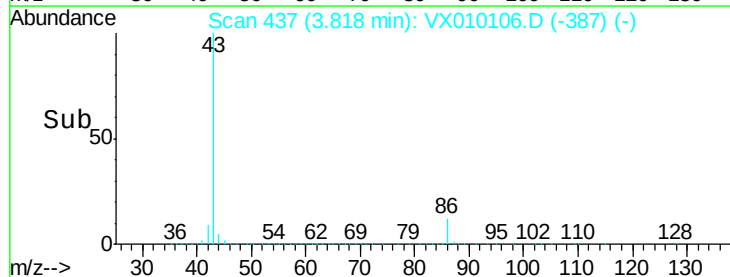
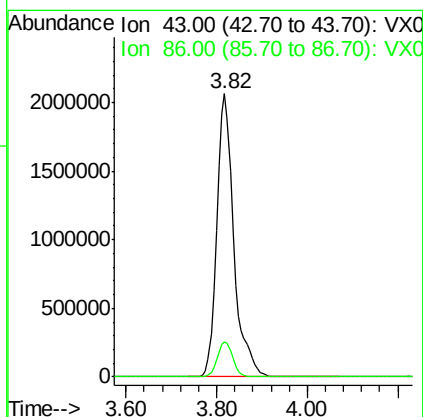
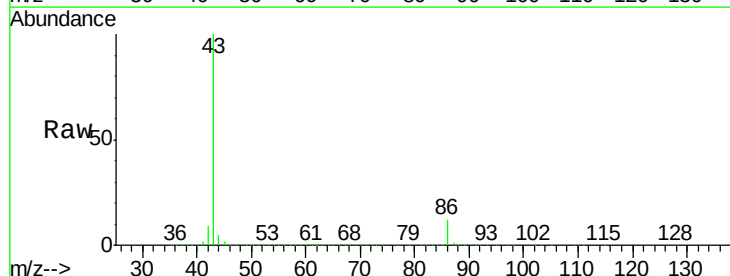
MMDadoda
 6/10/2019 10:53:45 AM

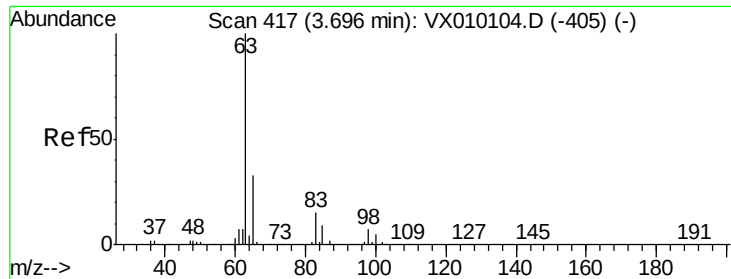


#23

Vinyl Acetate
 Concen: 764.756 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.4	6.5	9.7#





#24

1,1-Dichloroethane

Concen: 157.951 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

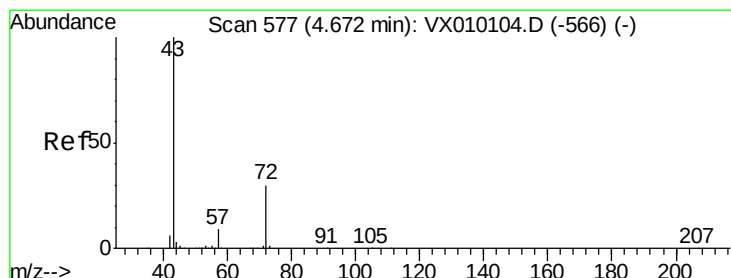
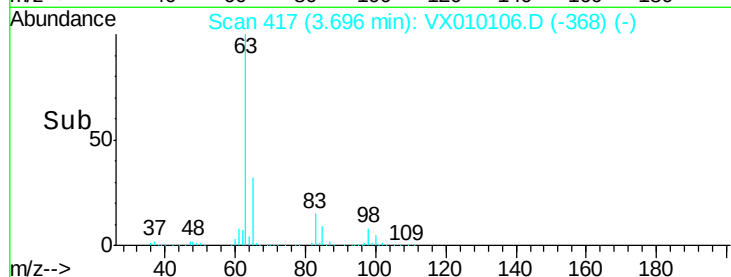
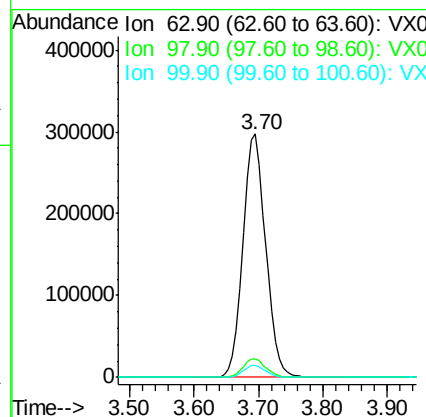
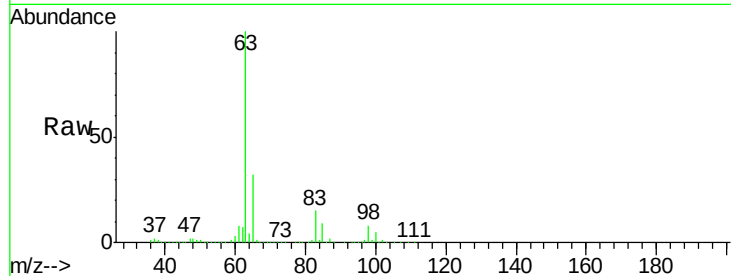
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
63	100	725103		
98	7.6	2.9	8.8	
100	4.7	1.8	5.4	

Manual Integrations
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MMDadoda
6/10/2019 10:53:45 AM



#25

2-Butanone

Concen: 763.868 ug/l

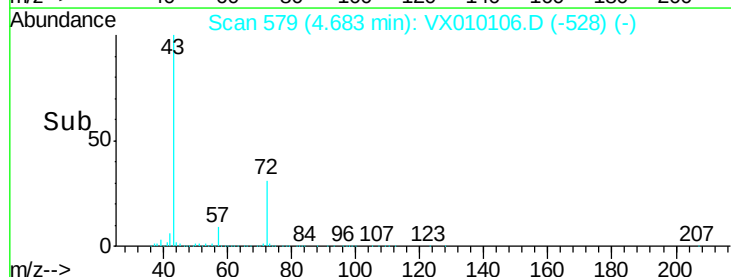
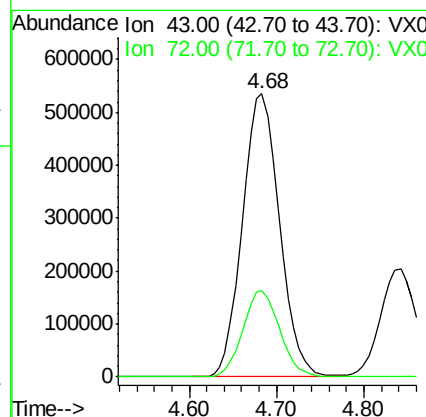
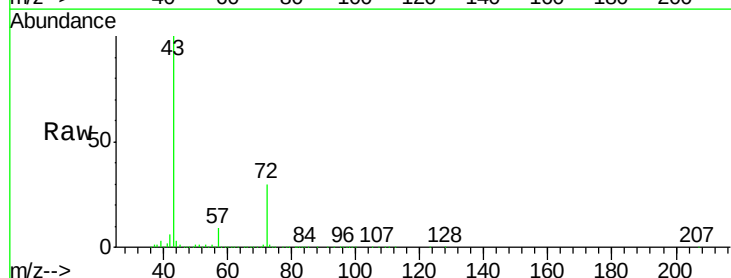
RT: 4.68 min Scan# 579

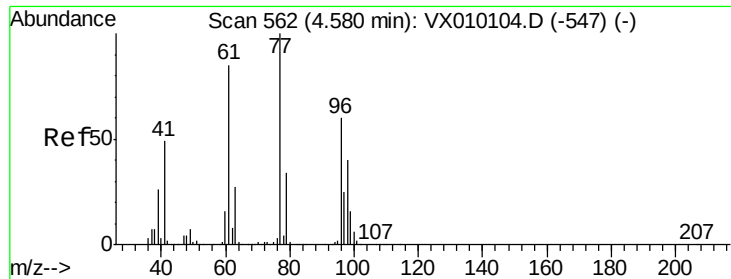
Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1575883		
72	30.4	17.5	26.3	#





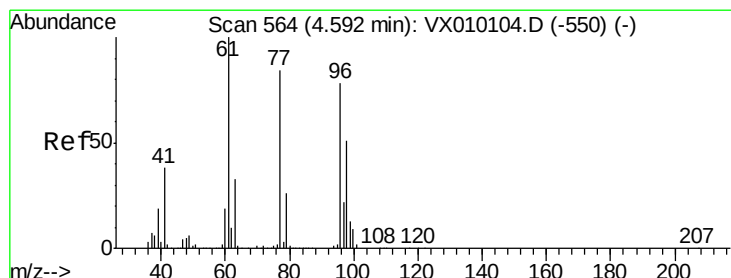
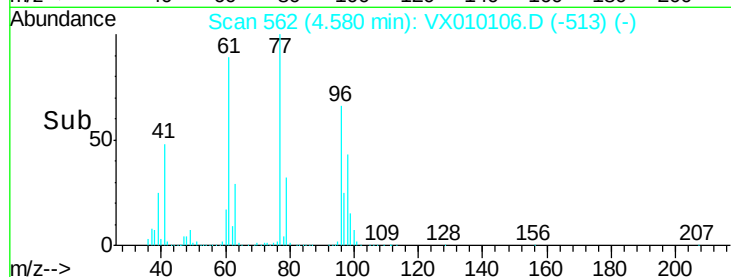
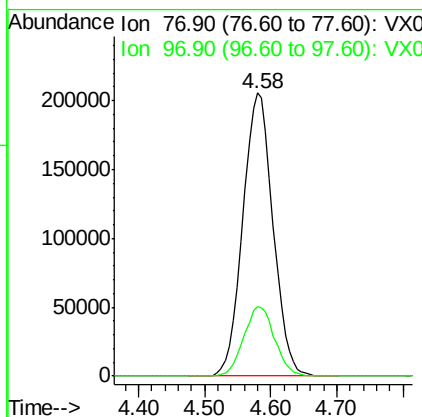
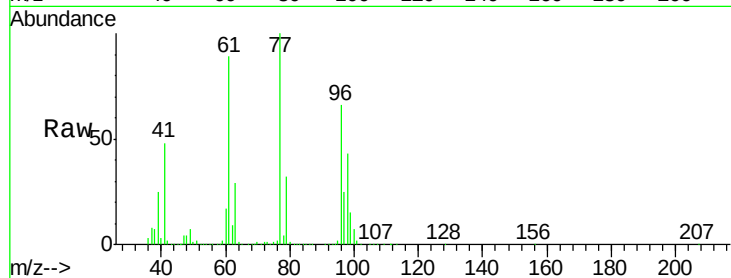
#26
 2,2-Dichloropropane
 Concen: 154.024 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 77 Resp: 650873
 Ion Ratio Lower Upper
 77 100
 97 25.3 11.4 34.2

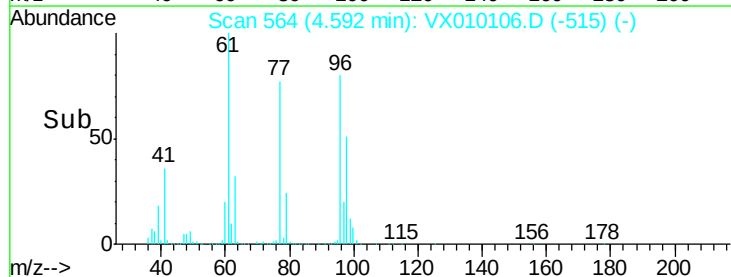
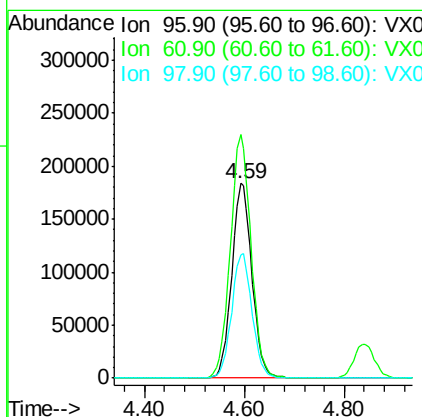
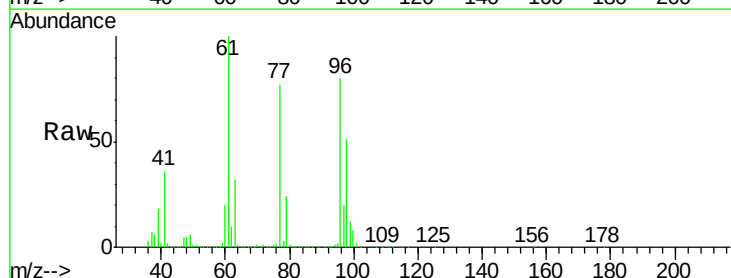
Manual Integrations
 APPROVED

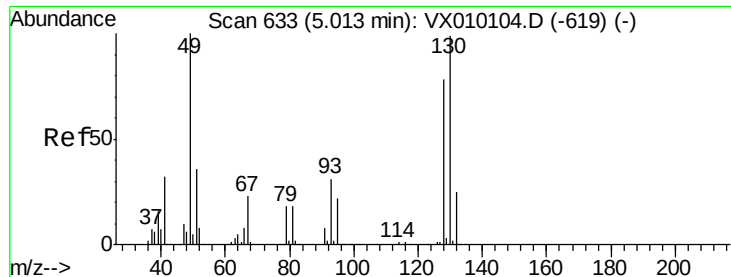
MMDadoda
 6/10/2019 10:53:45 AM



#27
 cis-1,2-Dichloroethene
 Concen: 157.351 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 96 Resp: 514508
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 334.0
 98 64.8 0.0 131.6





#28

Bromochloromethane

Concen: 156.289 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 324166

Ion Ratio Lower Upper

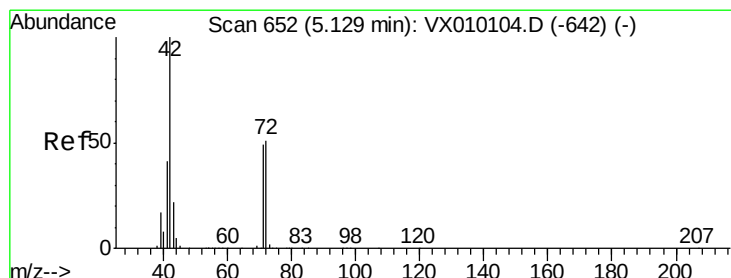
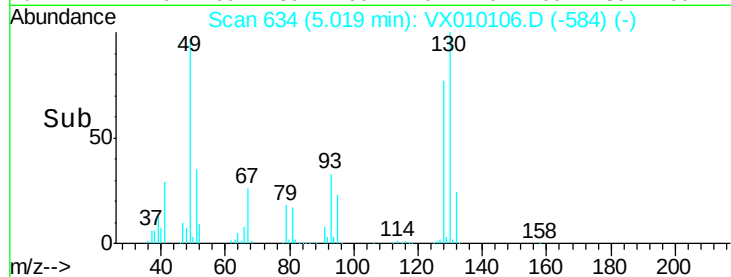
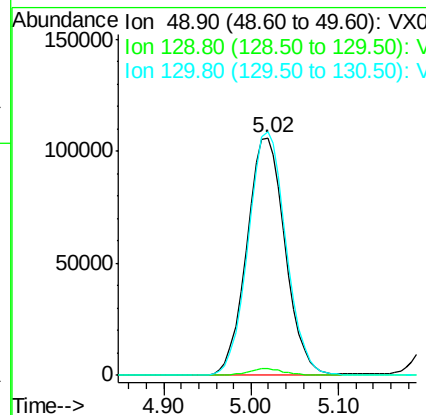
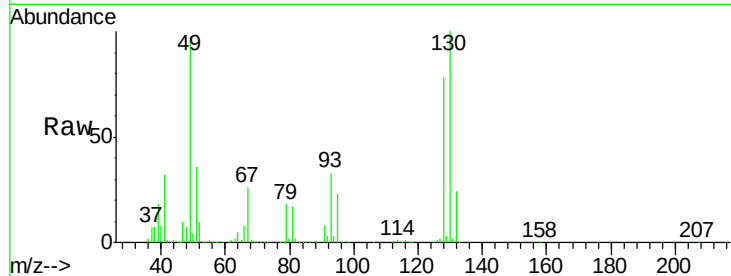
49 100

129 2.6 0.0 3.4

130 101.1 49.4 74.2#

Manual Integrations
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MMDadoda
6/10/2019 10:53:45 AM



#29

Tetrahydrofuran

Concen: 774.962 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

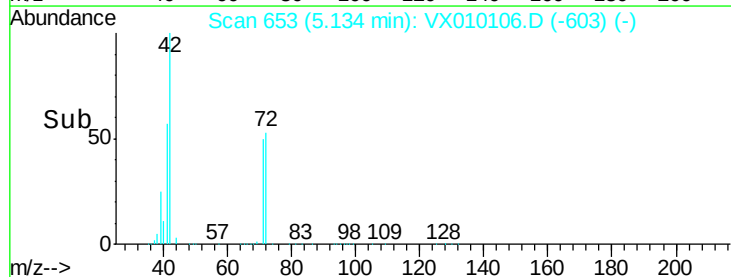
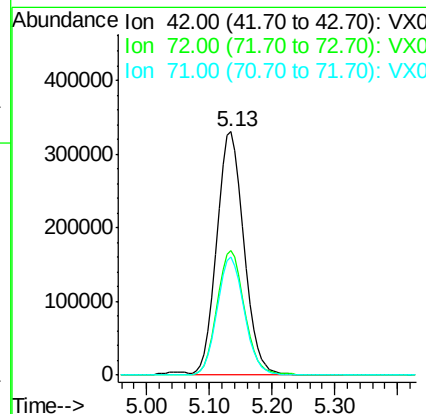
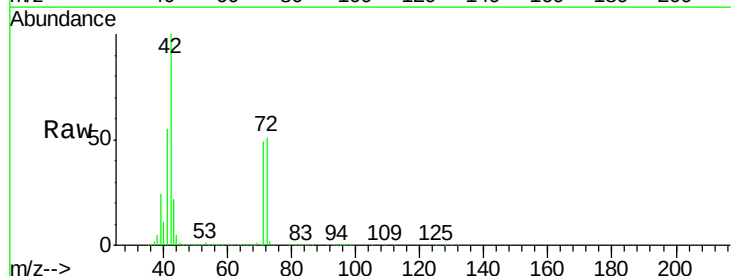
Tgt Ion: 42 Resp: 987852

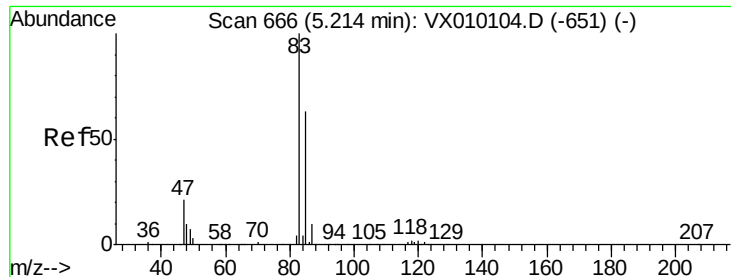
Ion Ratio Lower Upper

42 100

72 51.9 29.2 43.8#

71 48.4 27.6 41.4#





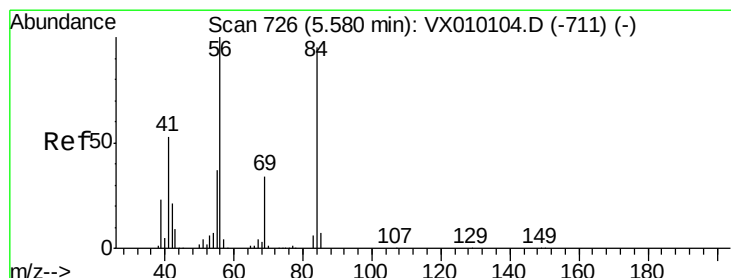
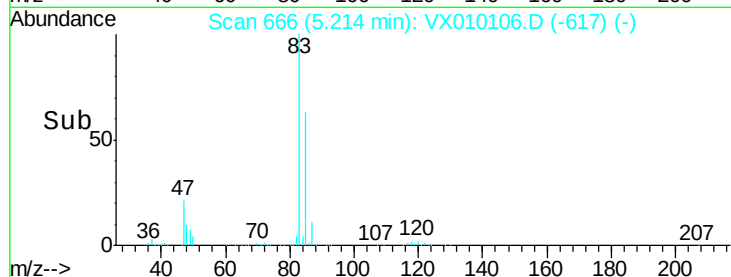
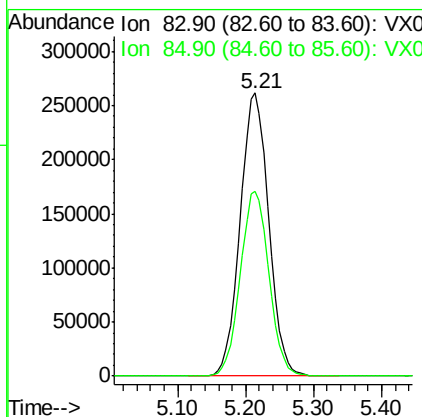
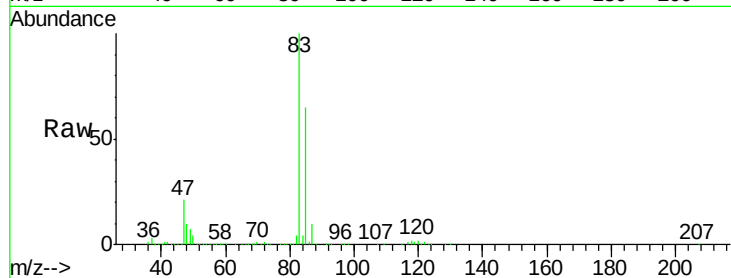
#30
Chloroform
Concen: 157.099 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8

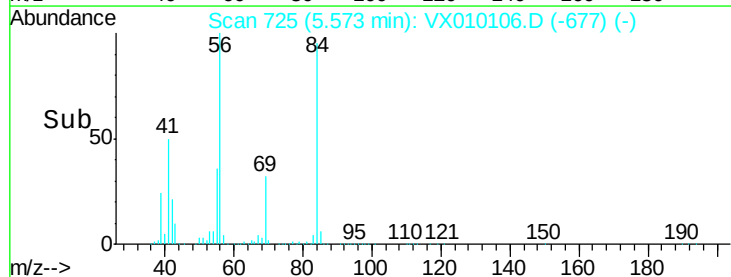
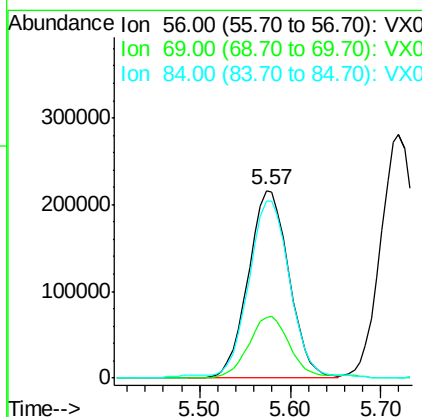
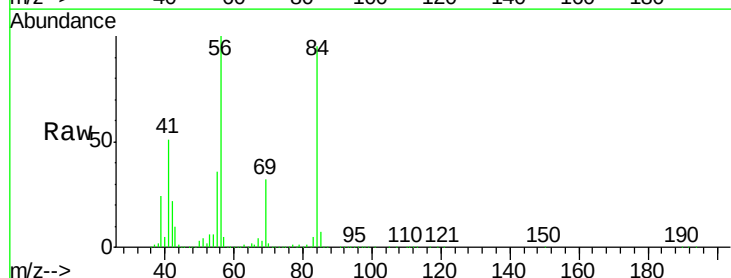
Manual Integrations
APPROVED

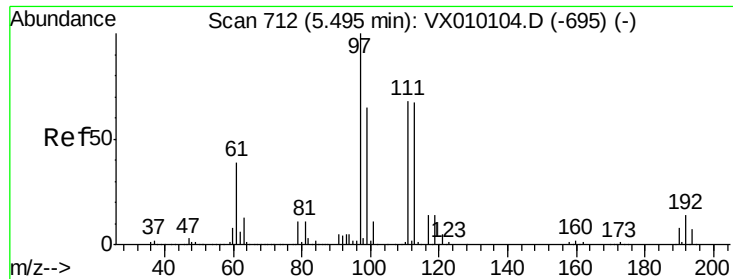
MMDadoda
6/10/2019 10:53:45 AM



#31
Cyclohexane
Concen: 156.485 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.3	21.6	32.4
84	93.0	56.8	85.2#





#32

1,1,1-Trichloroethane

Concen: 158.250 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

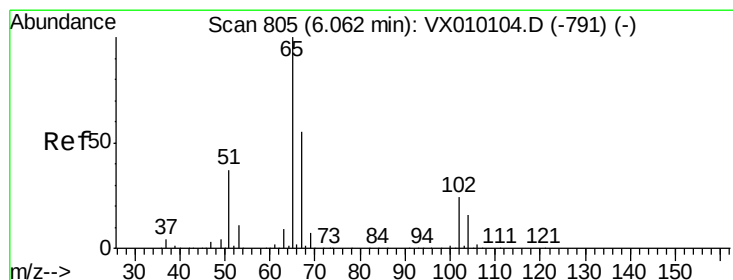
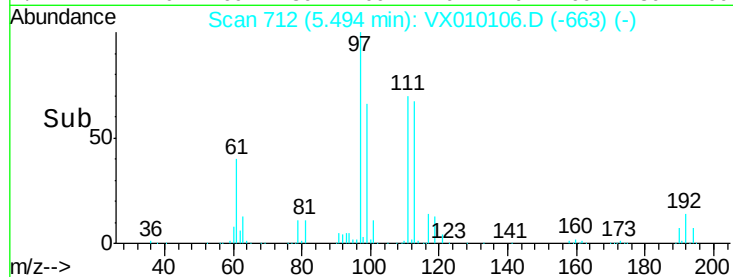
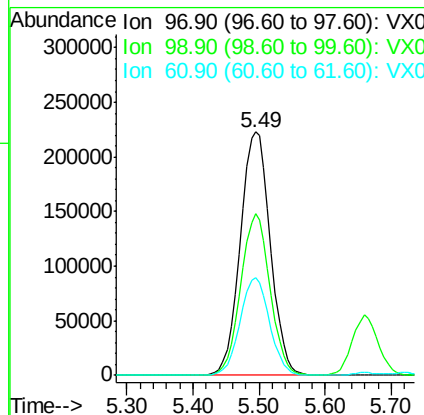
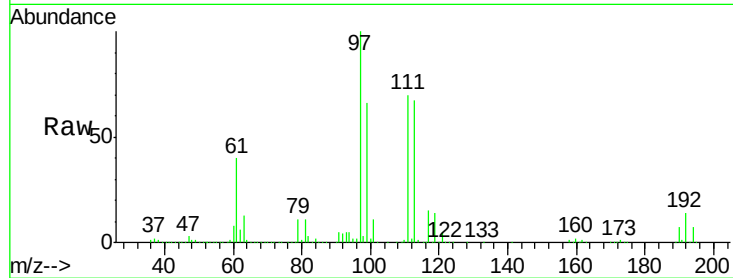
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	701133
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	39.8	38.7	58.1

Manual Integrations
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MMDadoda
6/10/2019 10:53:45 AM



#33

1,2-Dichloroethane-d4

Concen: 162.231 ug/l

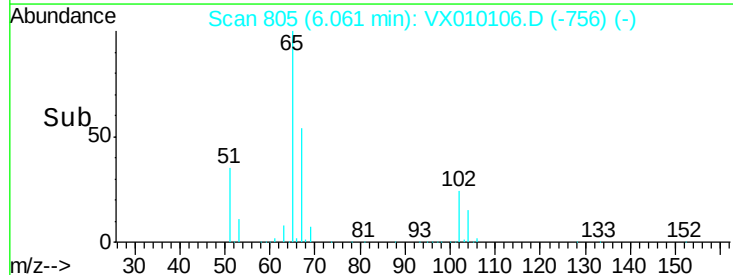
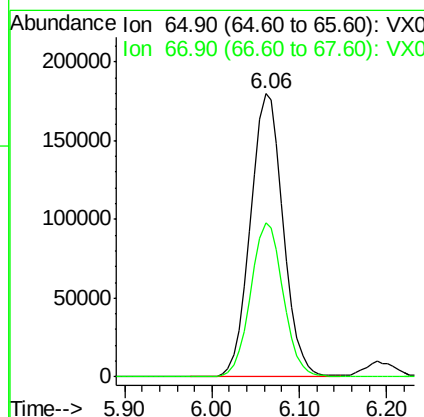
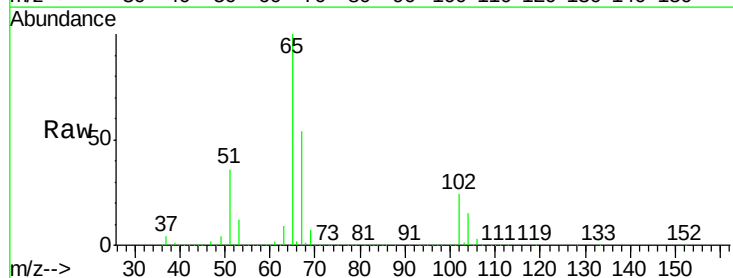
RT: 6.06 min Scan# 805

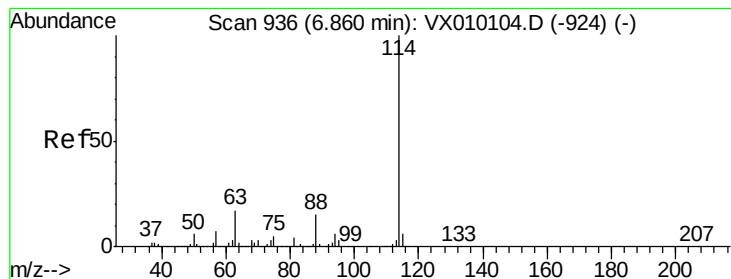
Delta R.T. 0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion:	65	Resp:	468071
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

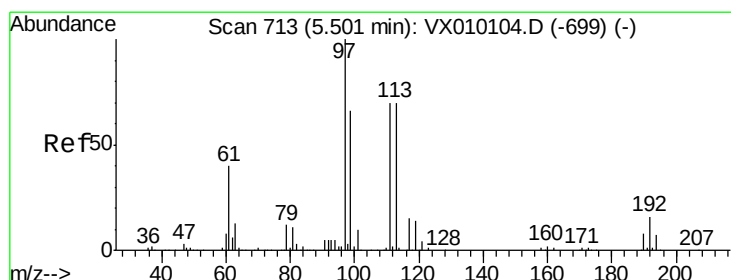
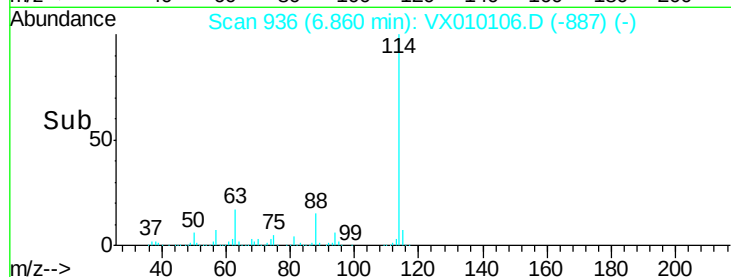
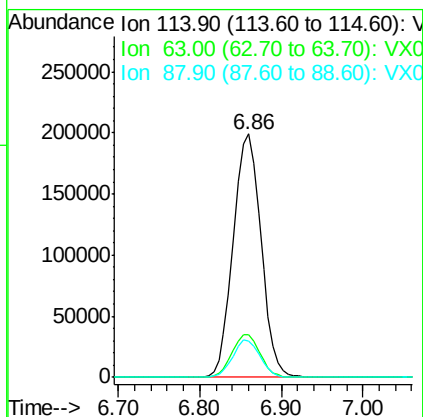
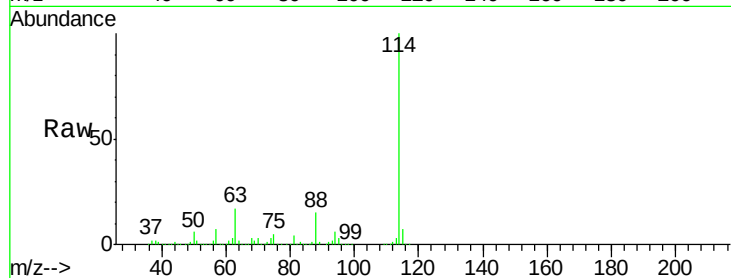
ClientSampleId :

VSTDIC150

Tot Ion:	114	Resp:	470078
Ion Ratio		Lower	Upper
114	100		
63	17.3	0.0	47.4
88	15.1	0.0	33.0

Manual Integrations
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#35

Dibromofluoromethane

Concen: 156.795 ug/l

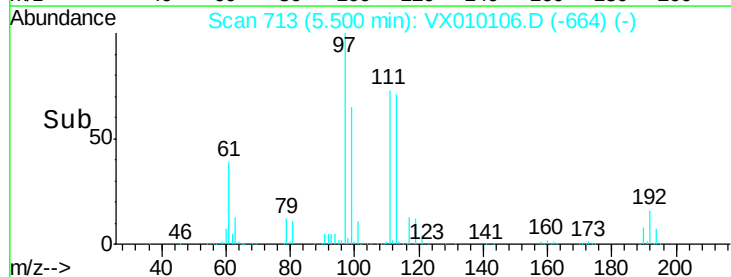
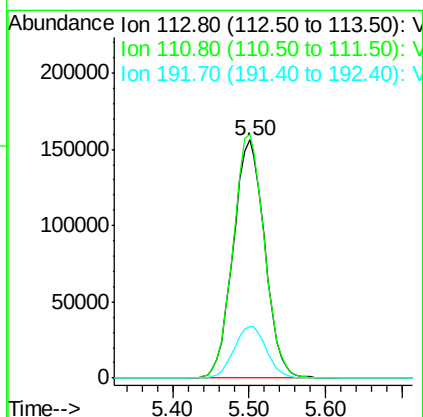
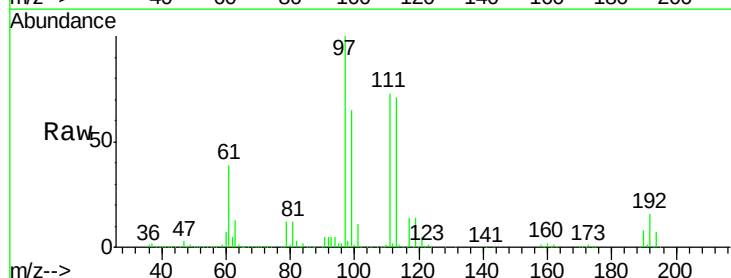
RT: 5.50 min Scan# 713

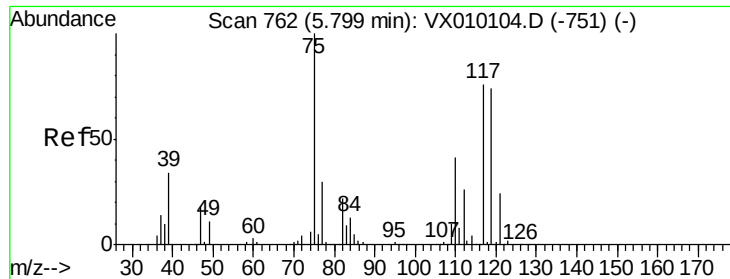
Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion:	113	Resp:	445826
Ion Ratio		Lower	Upper
113	100		
111	101.9	82.2	123.2
192	22.3	17.1	25.7





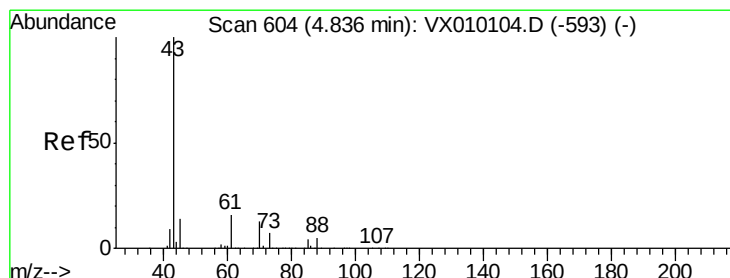
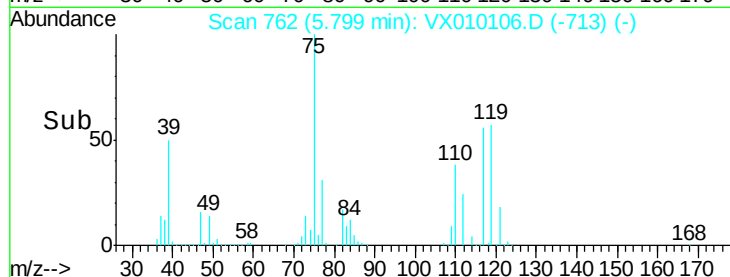
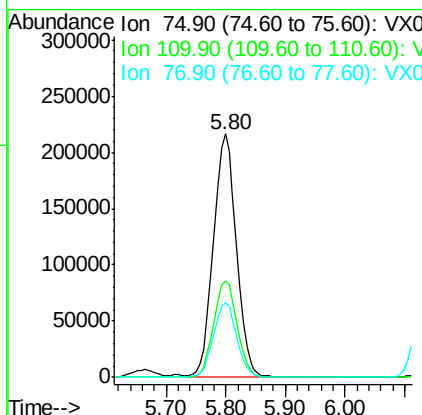
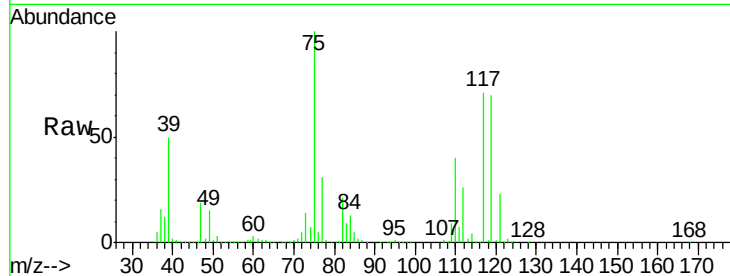
#36
 1,1-Dichloropropene
 Concen: 157.081 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	40.4	16.7	50.1
77	30.9	25.0	37.4

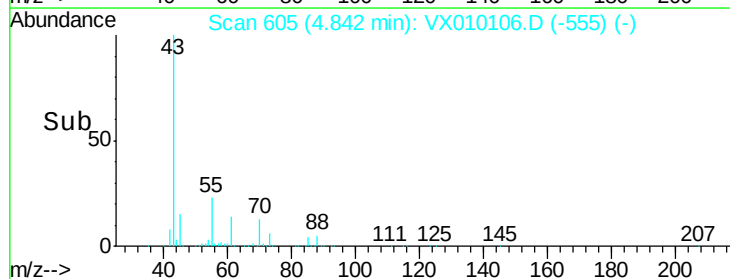
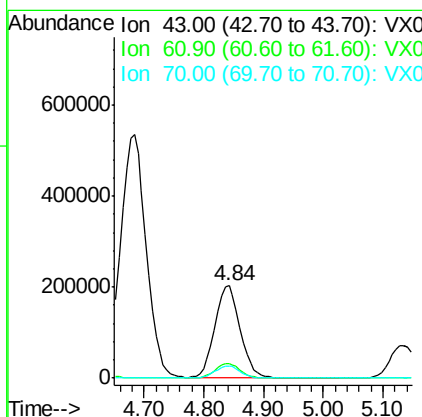
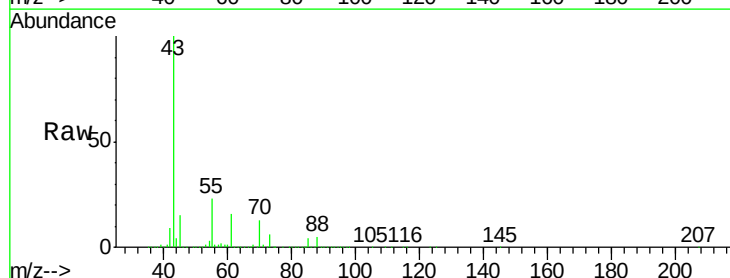
Manual Integrations
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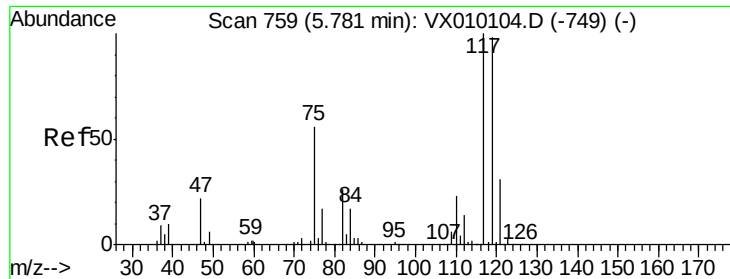
MMDadoda
 6/10/2019 10:53:45 AM



#37
 Ethyl Acetate
 Concen: 154.594 ug/l
 RT: 4.84 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.2	15.2#
70	12.9	7.4	11.2#





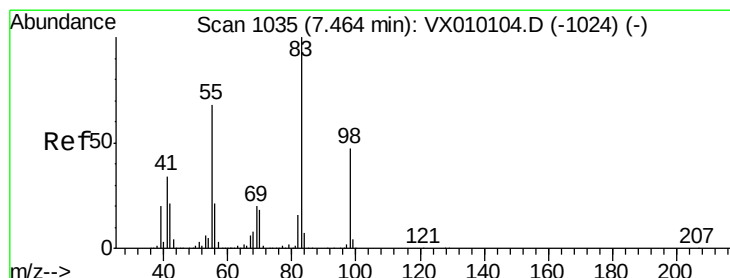
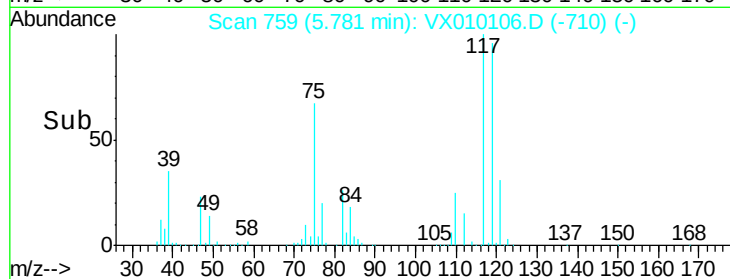
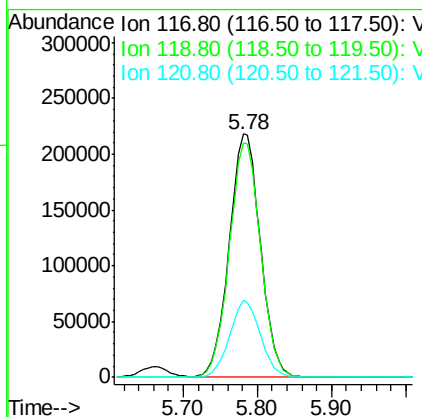
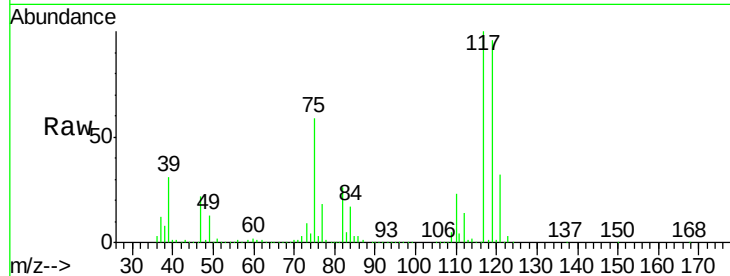
#38
Carbon Tetrachloride
Concen: 153.146 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.3	115.9
121	31.6	25.4	38.0

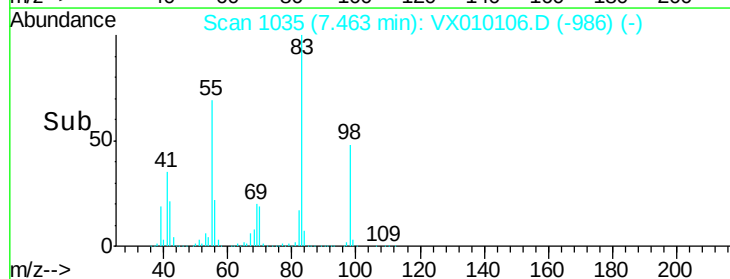
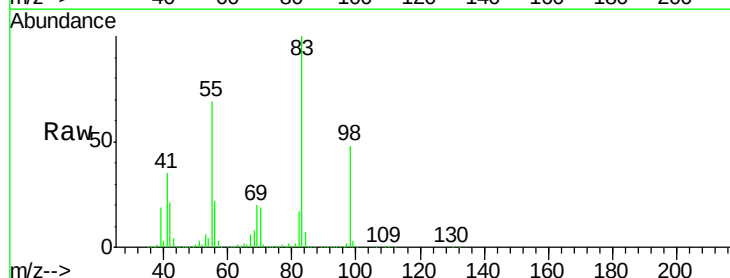
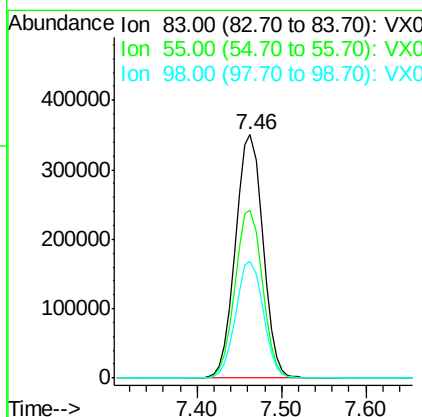
Manual Integrations
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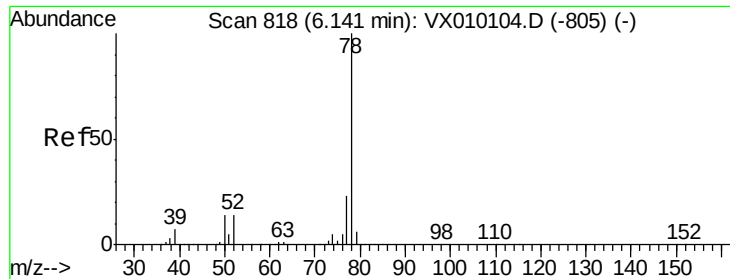
MMDadoda
6/10/2019 10:53:45 AM



#39
Methylcyclohexane
Concen: 154.962 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.0	69.9	104.9#
98	47.9	35.1	52.7





#40

Benzene

Concen: 152.864 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 1766239

Ion Ratio Lower Upper

78 100

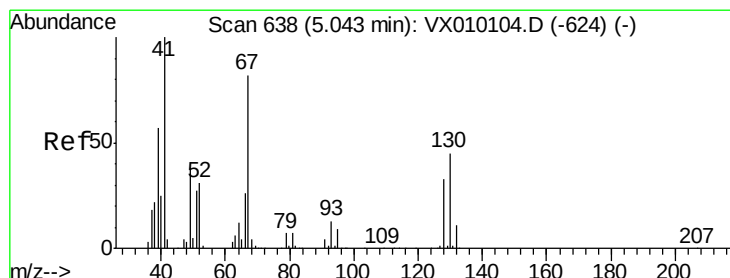
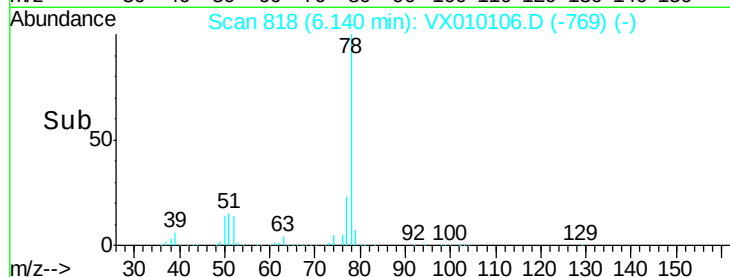
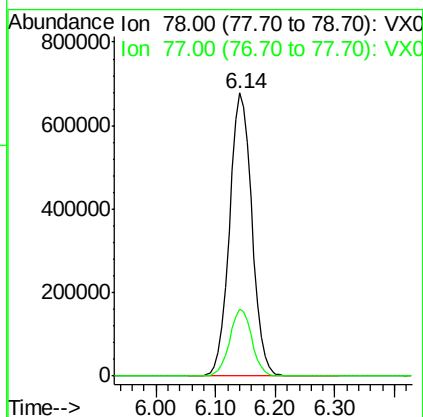
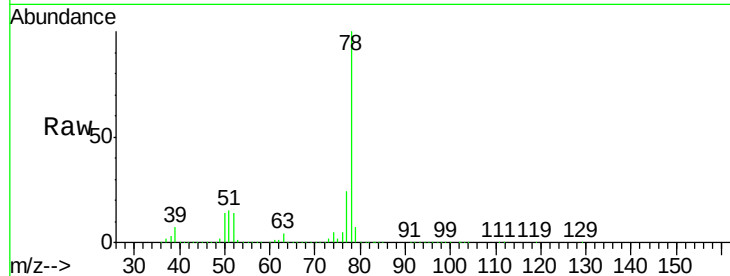
77 23.6 19.2 28.8

Manual Integrations

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6/10/2019 10:53:45 AM



#41

Methacrylonitrile

Concen: 151.685 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion: 41 Resp: 320280

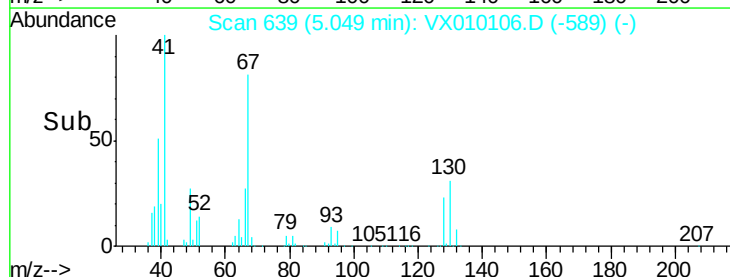
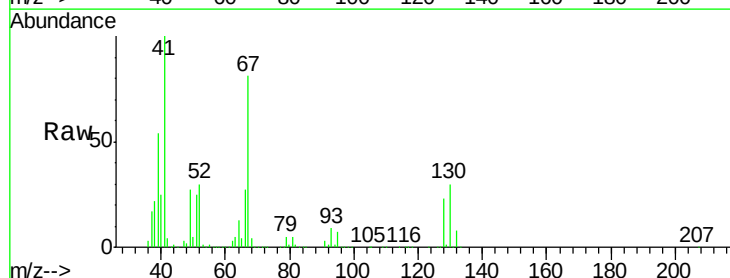
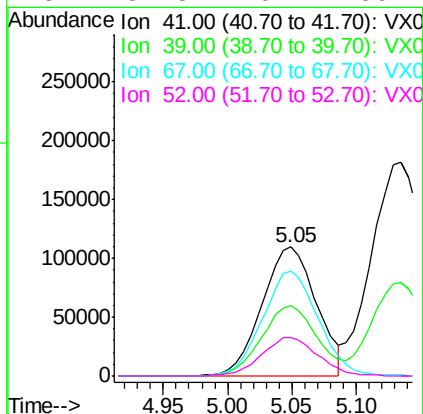
Ion Ratio Lower Upper

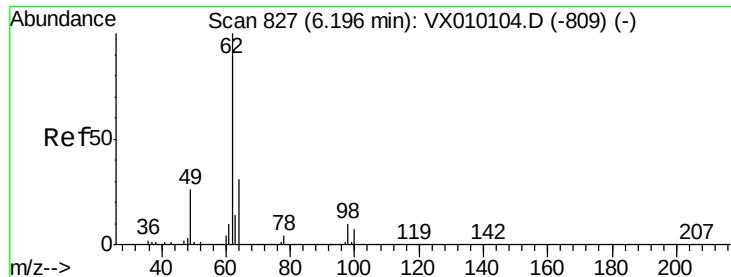
41 100

39 55.8 42.2 63.4

67 83.6 48.9 73.3#

52 31.3 20.1 30.1#





#42

1,2-Dichloroethane

Concen: 154.863 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 568715

Ion Ratio Lower Upper

62 100

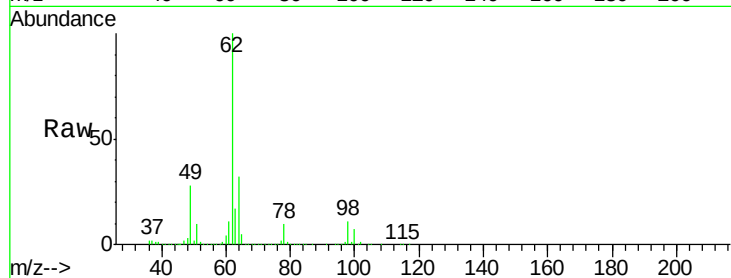
98 10.5 0.0 17.2

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

250000

200000

150000

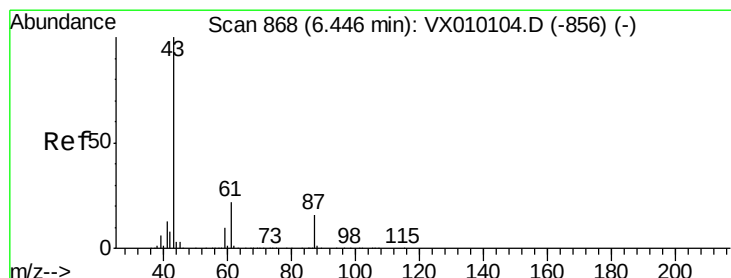
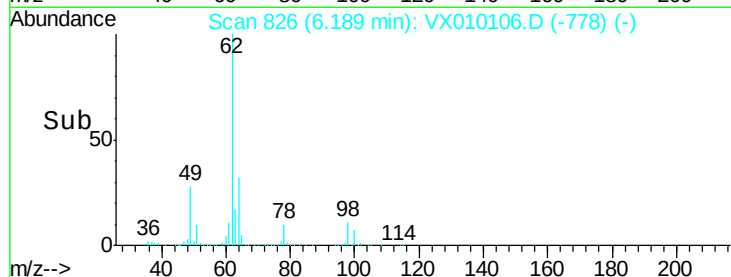
100000

50000

0

6.00 6.10 6.20 6.30 6.40

Time-->



#43

Isopropyl Acetate

Concen: 153.305 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

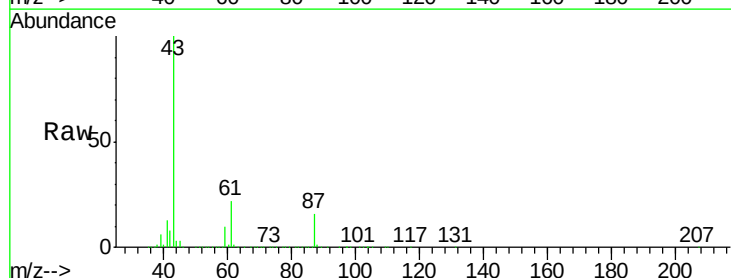
Tgt Ion: 43 Resp: 987344

Ion Ratio Lower Upper

43 100

61 22.6 14.6 21.8#

87 16.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

500000

400000

300000

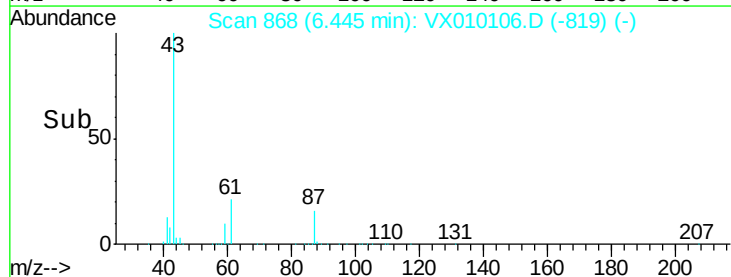
200000

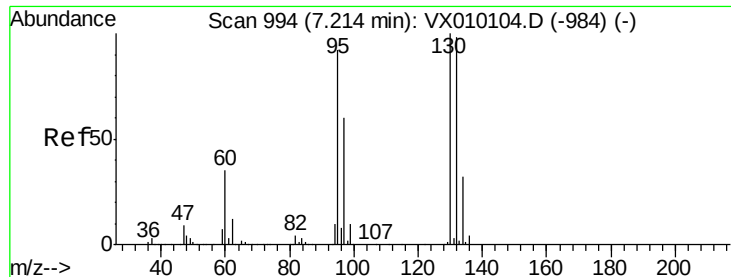
100000

0

6.30 6.40 6.50 6.60

Time-->





#44

Trichloroethene

Concen: 154.620 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 527130

Ion Ratio Lower Upper

130 100

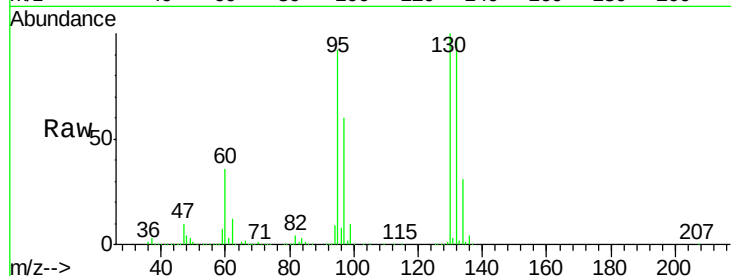
95 92.3 0.0 207.4

Manual Integrations

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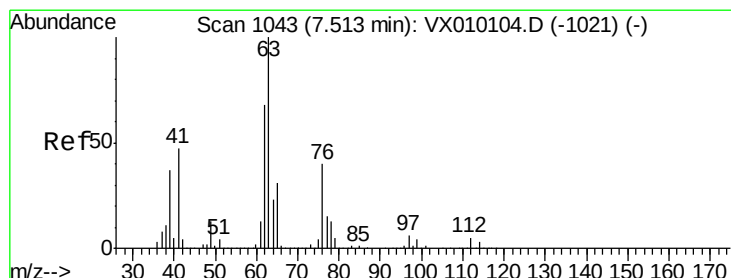
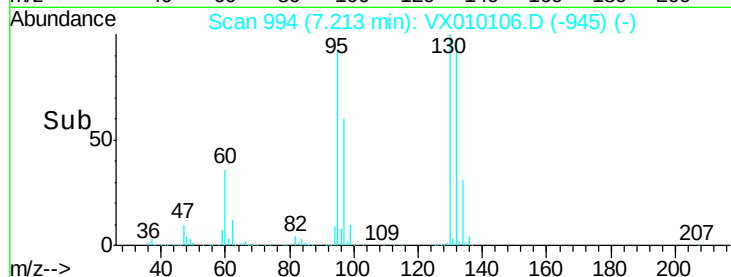
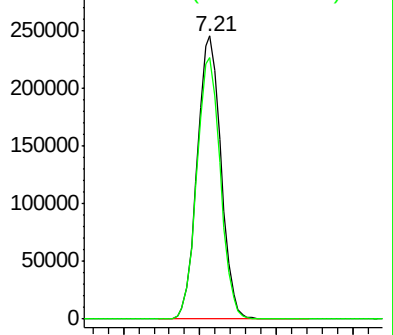
MMDadoda

6/10/2019 10:53:45 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 154.053 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010106.D

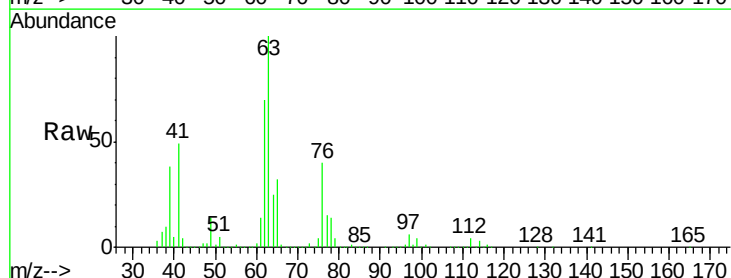
Acq: 07 Jun 2019 13:27

Tgt Ion: 63 Resp: 444953

Ion Ratio Lower Upper

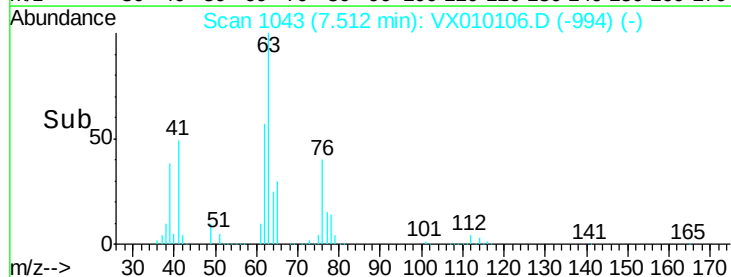
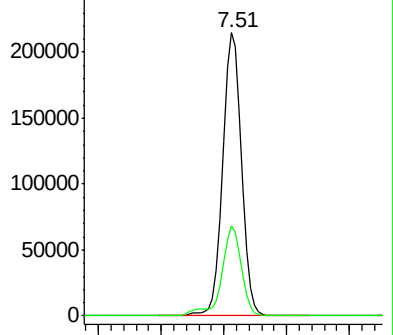
63 100

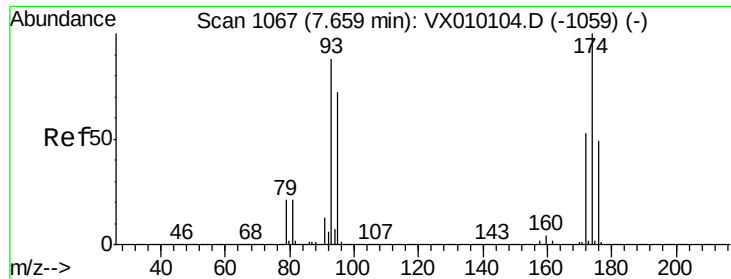
65 31.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





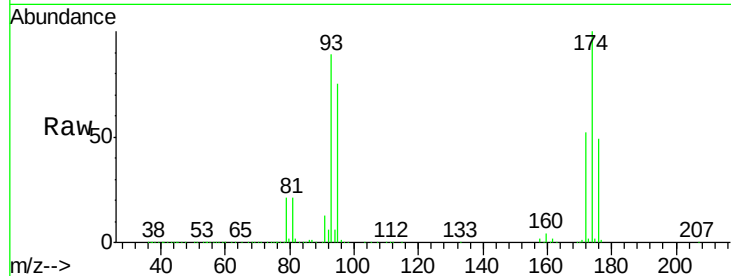
#46
Dibromomethane
Concen: 156.275 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
93	100	325027		
95	83.4	66.8	100.2	
174	114.8	81.9	122.9	

Manual Integrations
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6/10/2019 10:53:45 AM

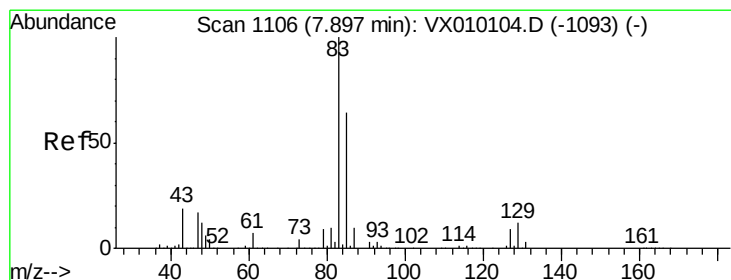
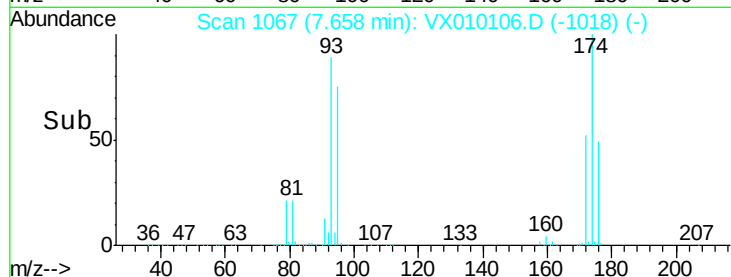
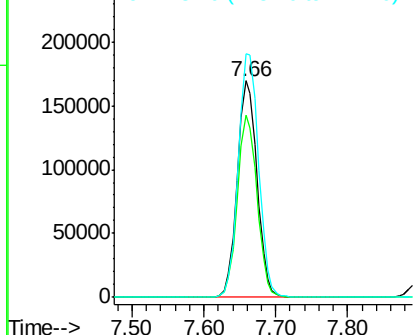


Abundance

Ion 92.80 (92.50 to 93.50): VX0

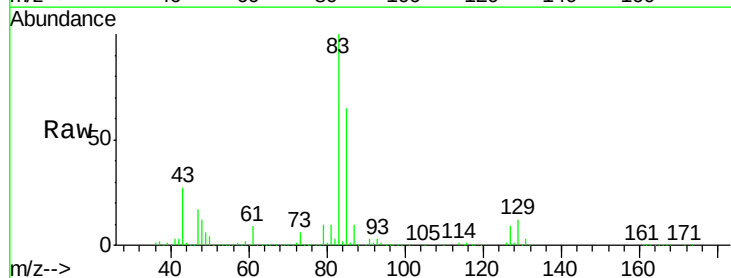
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47
Bromodichloromethane
Concen: 155.815 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	631995		
85	64.5	51.4	77.2	
127	9.2	6.4	9.6	

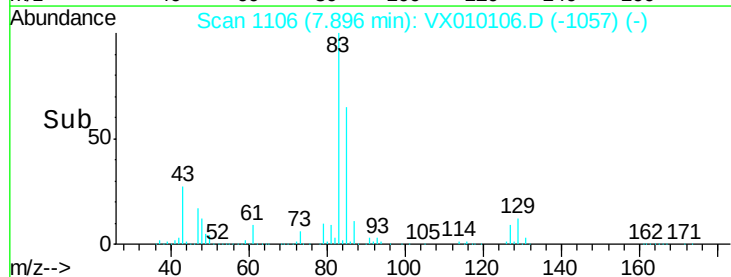
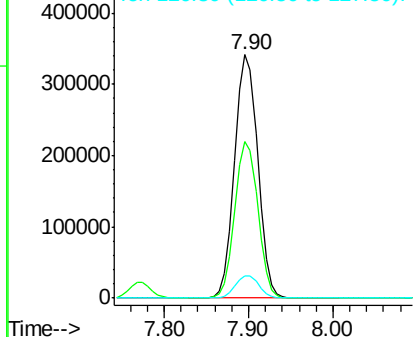


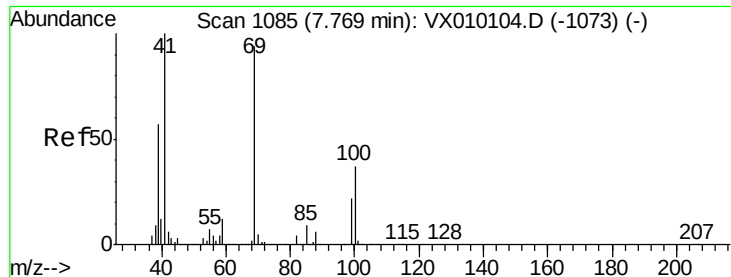
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methvl methacrylate

Concen: 150.740 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 470497

Ion Ratio Lower Upper

41 100

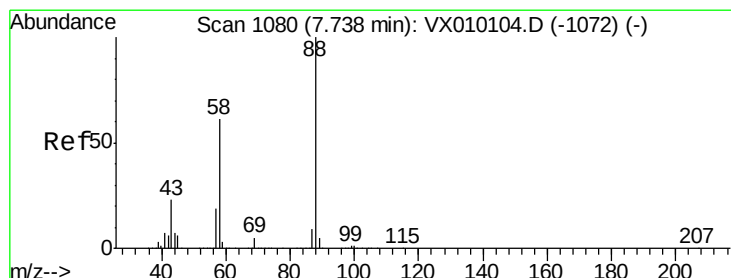
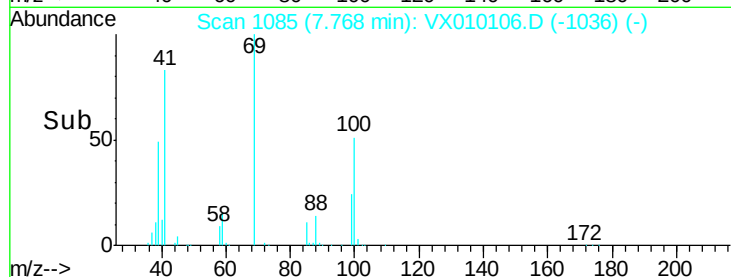
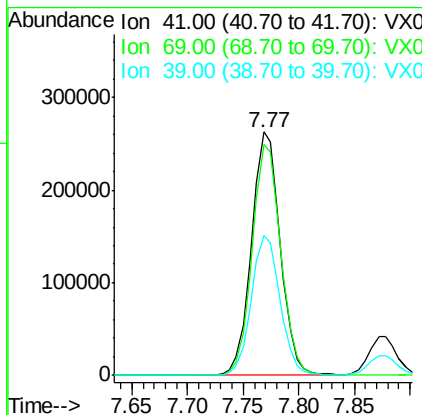
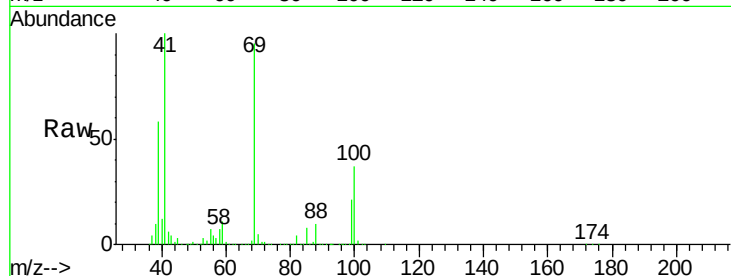
69 95.0 56.4 84.6#

39 57.5 40.6 60.8

Manual Integrations
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MMDadoda

6/10/2019 10:53:45 AM



#49

1,4-Dioxane

Concen: 2906.649 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

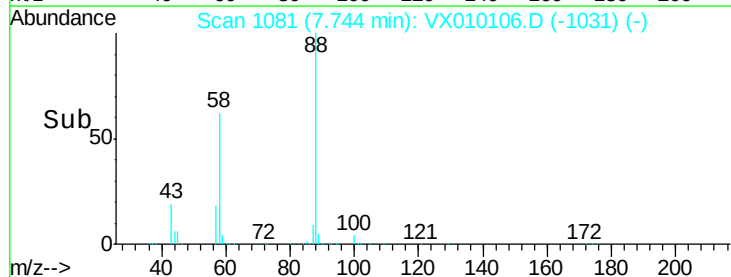
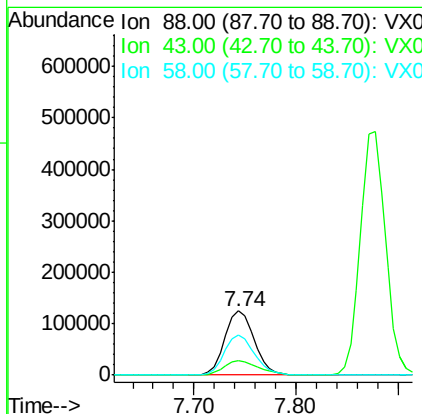
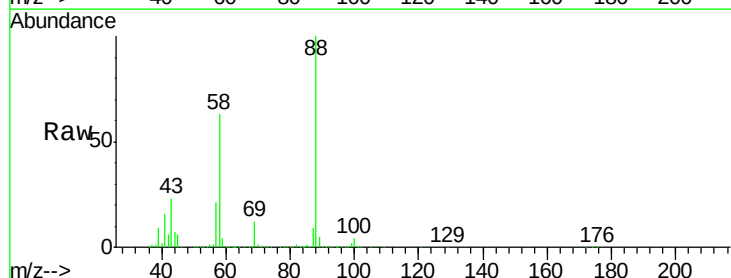
Tgt Ion: 88 Resp: 249493

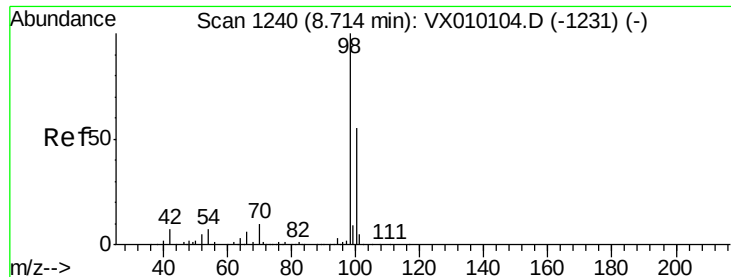
Ion Ratio Lower Upper

88 100

43 26.5 30.2 45.4#

58 63.2 64.0 96.0#





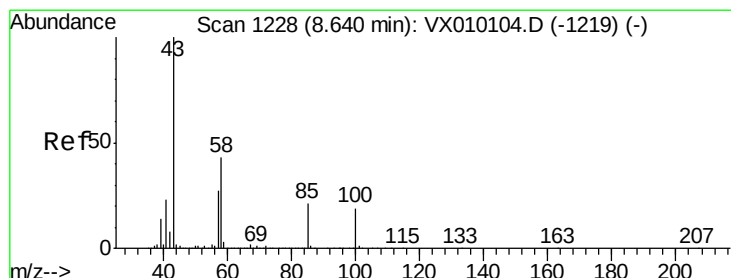
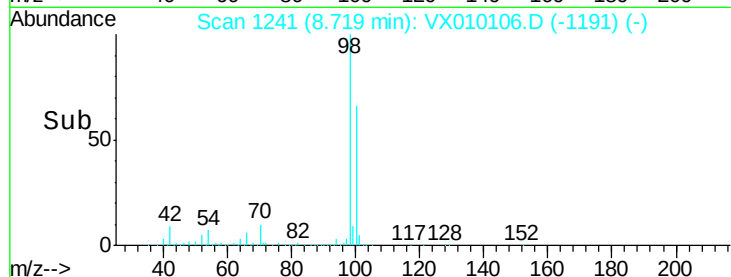
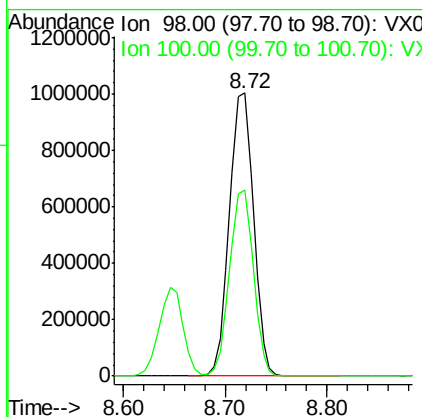
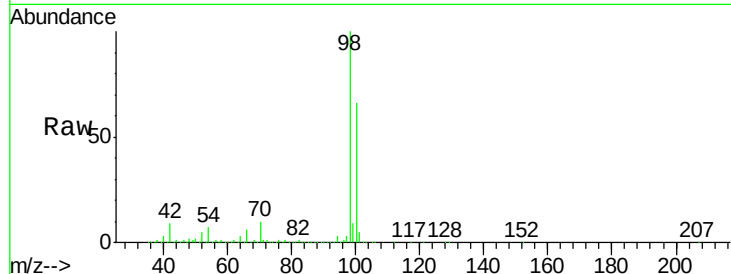
#50
Toluene-d8
Concen: 152.212 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 1645843
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

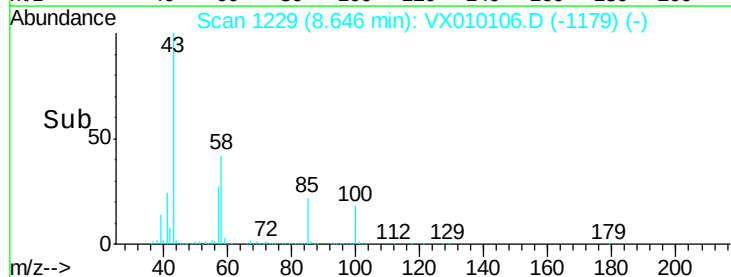
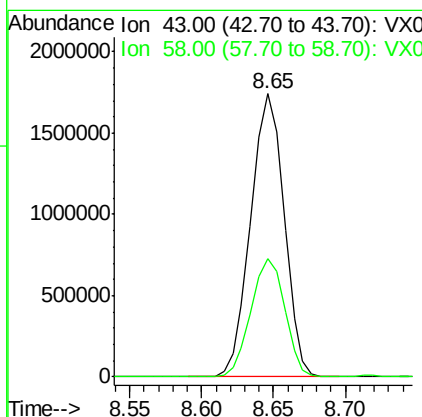
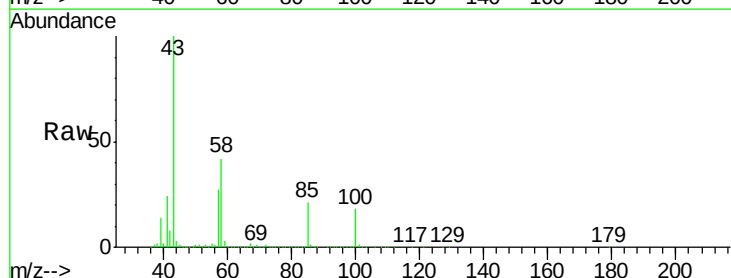
Manual Integrations
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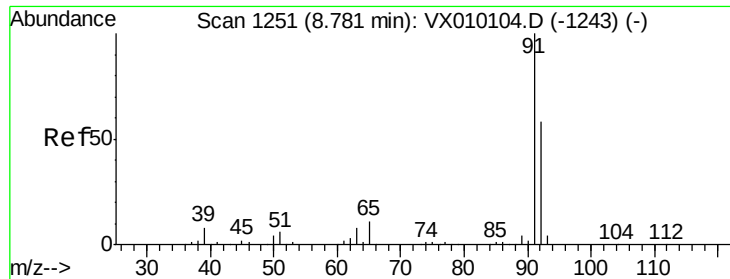
MMDadoda
6/10/2019 10:53:45 AM



#51
4-Methyl-2-Pentanone
Concen: 695.730 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 43 Resp: 2798810
Ion Ratio Lower Upper
43 100
58 42.2 28.8 43.2





#52

Toluene

Concen: 151.129 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 92 Resp: 1131929

Ion Ratio Lower Upper

92 100

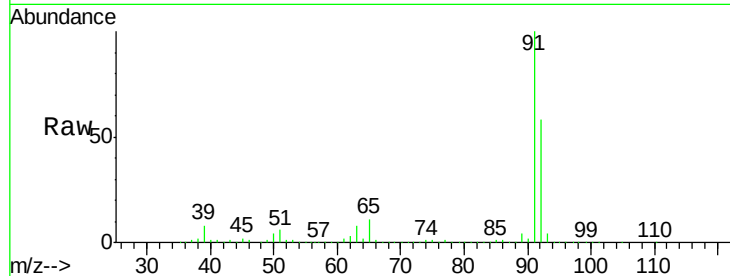
91 172.8 139.9 209.9

Manual Integrations

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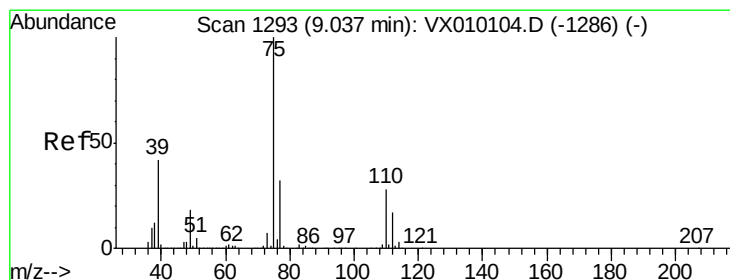
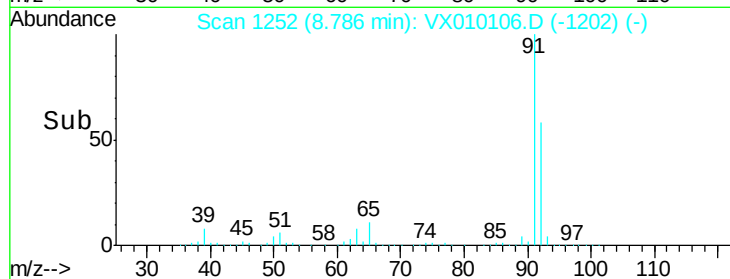
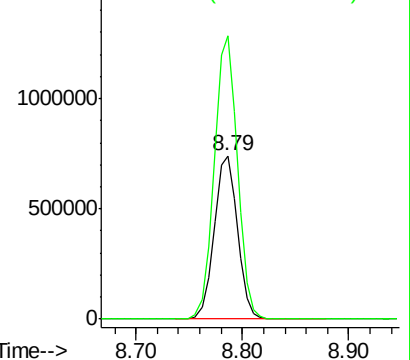
MMDadoda

6/10/2019 10:53:45 AM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 154.422 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010106.D

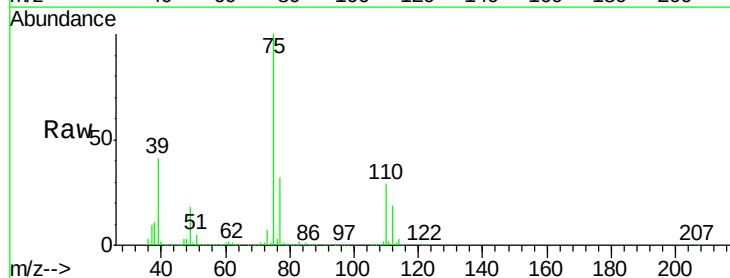
Acq: 07 Jun 2019 13:27

Tgt Ion: 75 Resp: 727459

Ion Ratio Lower Upper

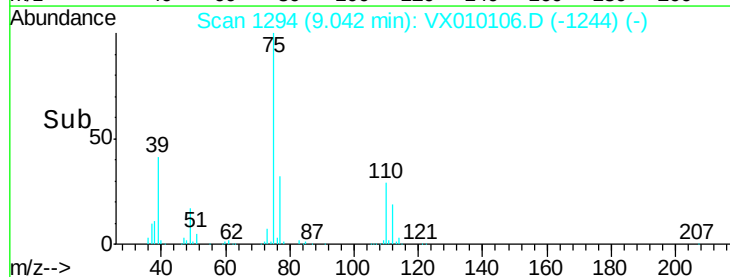
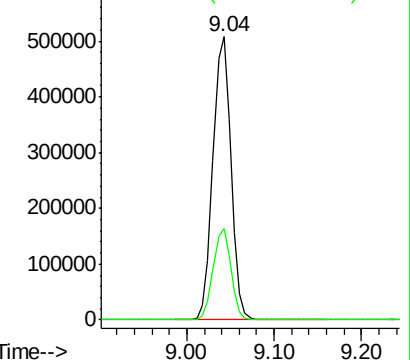
75 100

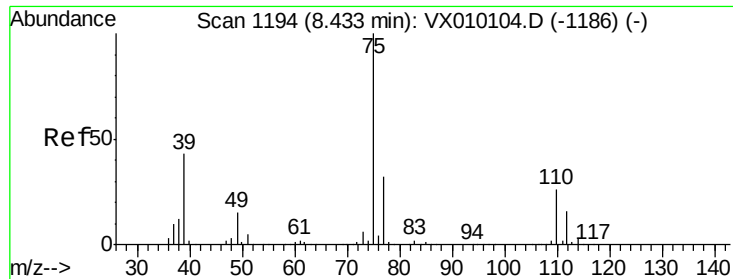
77 32.2 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

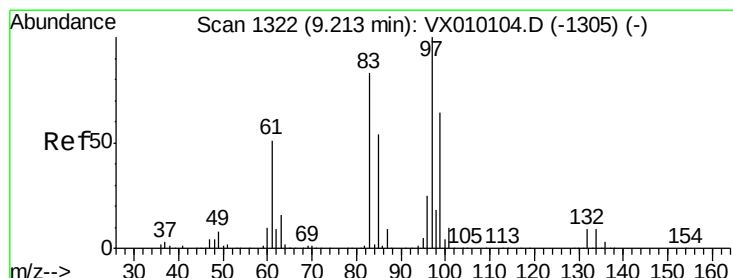
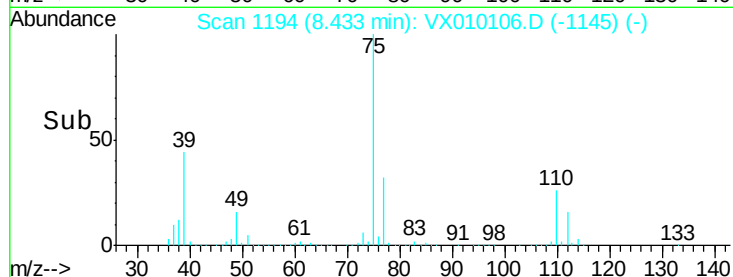
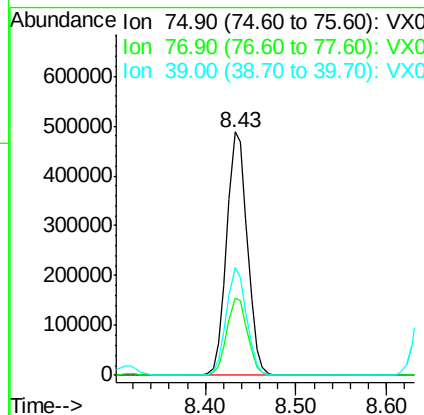
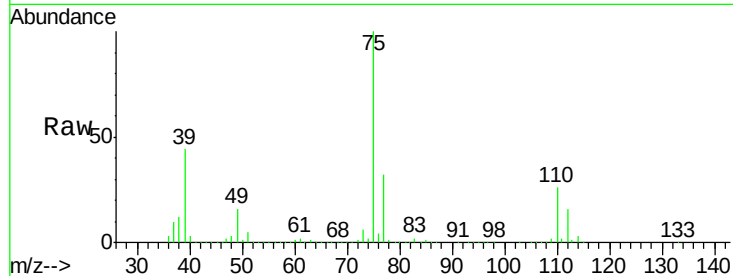
cis-1,3-Dichloropropene
Concen: 154.933 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	44.3	43.4	65.0

Manual Integrations
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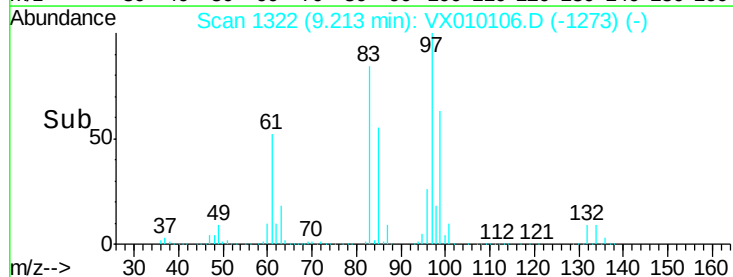
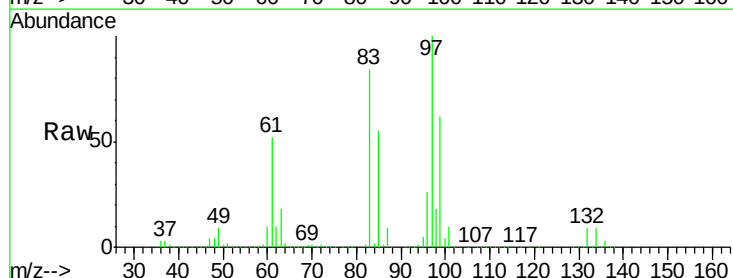
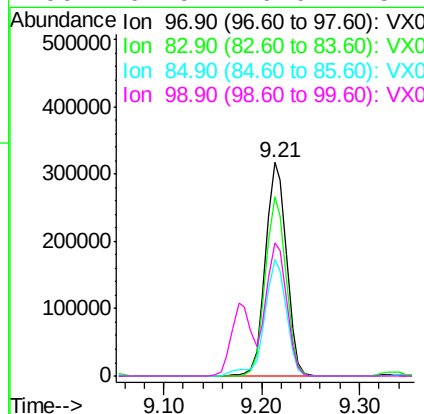
MMDadoda
6/10/2019 10:53:45 AM

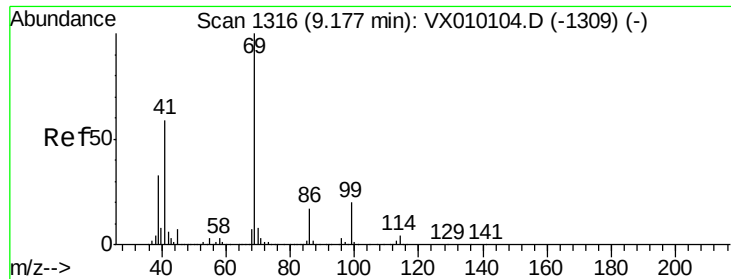


#55

1,1,2-Trichloroethane
Concen: 150.612 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.8	104.8
85	54.5	45.3	67.9
99	62.5	49.0	73.4





#56

Ethyl methacrylate

Concen: 147.542 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

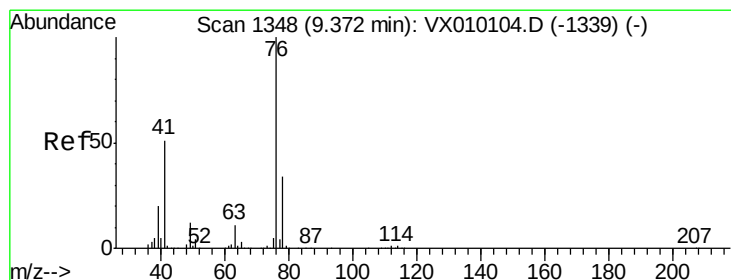
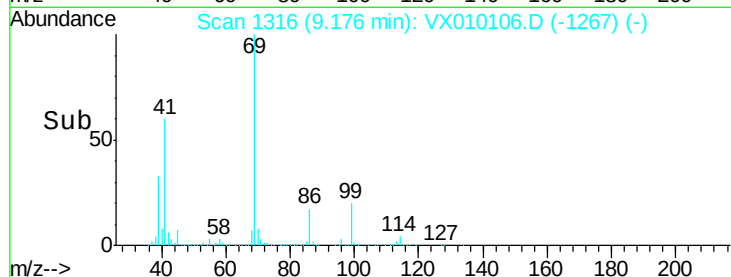
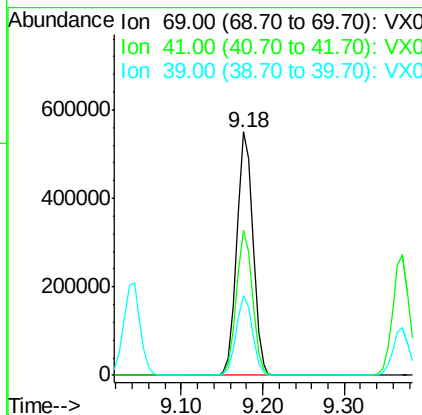
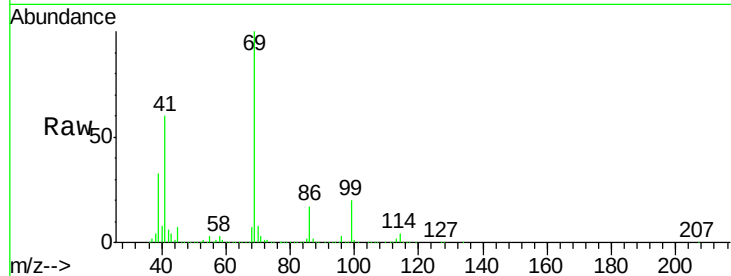
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	741010
Ion	Ratio	Lower	Upper
69	100		
41	58.9	62.7	94.1#
39	32.6	29.5	44.3

Manual Integrations
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6/10/2019 10:53:45 AM



#57

1,3-Dichloropropane

Concen: 151.540 ug/l

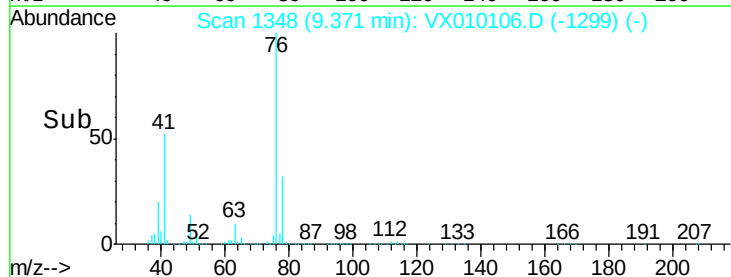
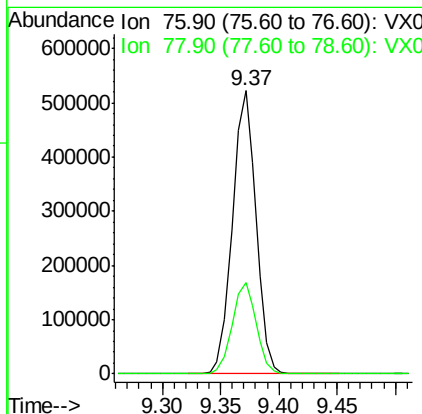
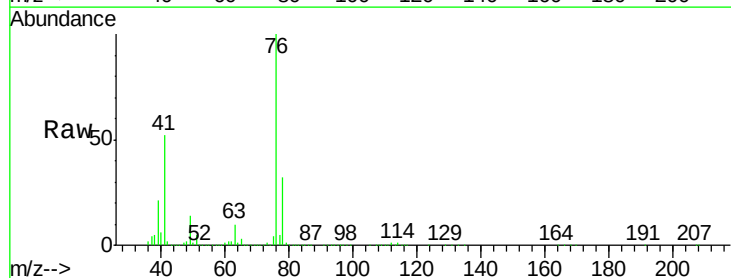
RT: 9.37 min Scan# 1348

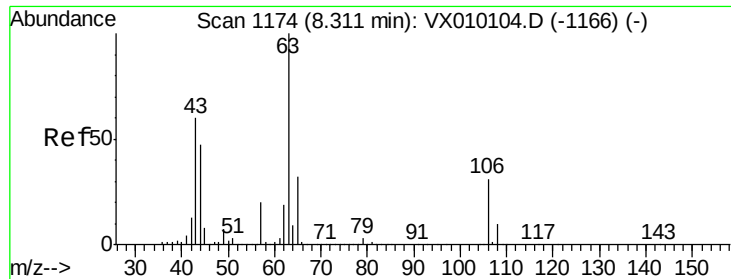
Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion:	76	Resp:	737559
Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.4	38.0





#58

2-Chloroethyl Vinyl ether

Concen: 701.914 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 63 Resp: 1682542

Ion Ratio Lower Upper

63 100

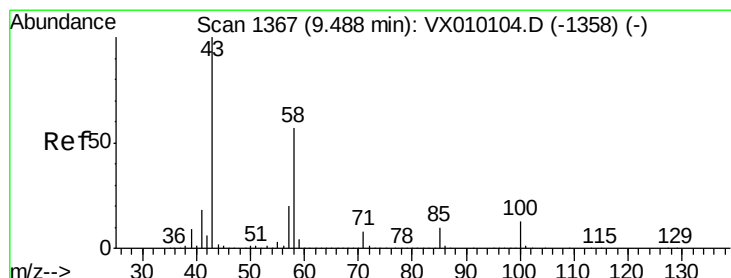
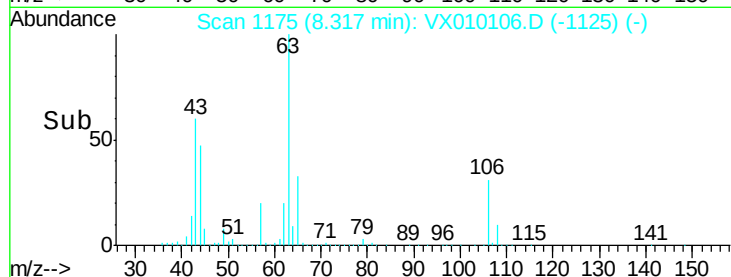
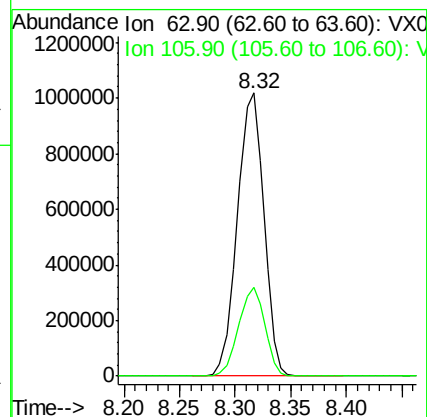
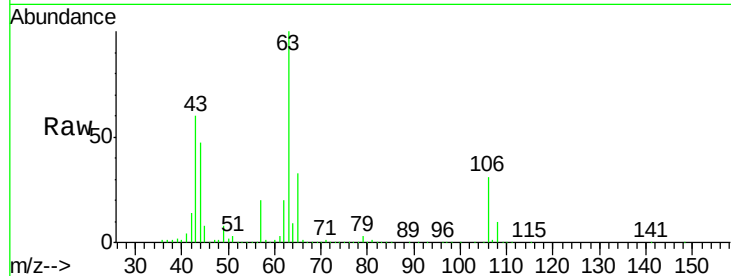
106 31.0 19.4 29.2#

Manual Integrations

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6/10/2019 10:53:45 AM



#59

2-Hexanone

Concen: 697.060 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX010106.D

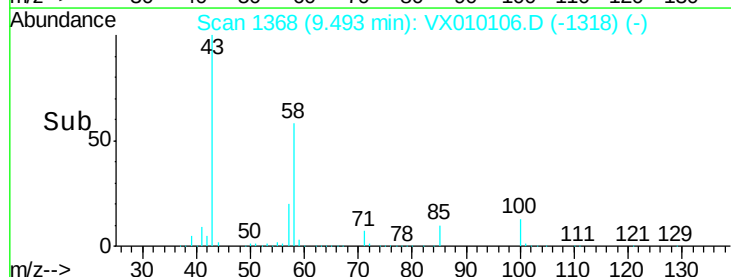
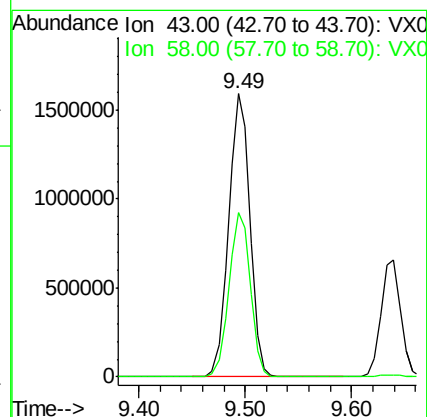
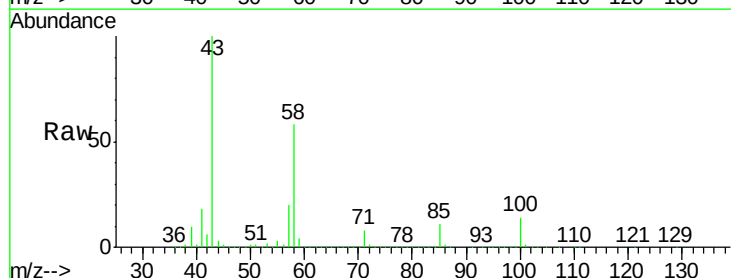
Acq: 07 Jun 2019 13:27

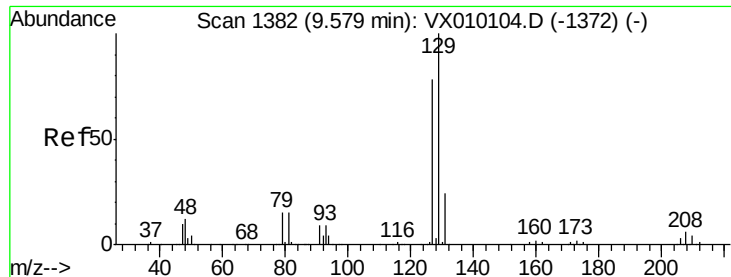
Tgt Ion: 43 Resp: 2218931

Ion Ratio Lower Upper

43 100

58 58.6 25.1 75.3





#60

Dibromochloromethane

Concen: 152.058 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 563755

Ion Ratio Lower Upper

129 100

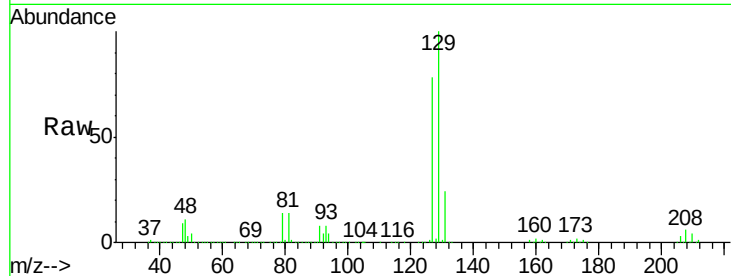
127 77.2 38.5 115.5

Manual Integrations

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6/10/2019 10:53:45 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

400000

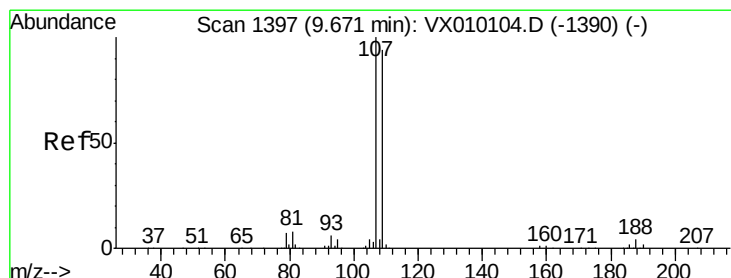
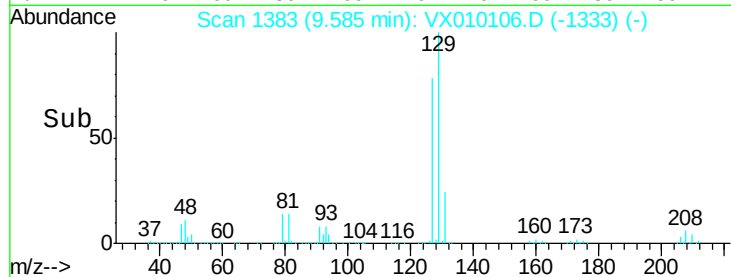
300000

200000

100000

0

Time-->



#61

1,2-Dibromoethane

Concen: 151.742 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010106.D

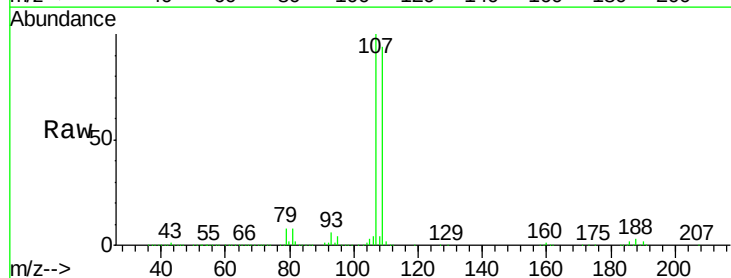
Acq: 07 Jun 2019 13:27

Tgt Ion:107 Resp: 521836

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

400000

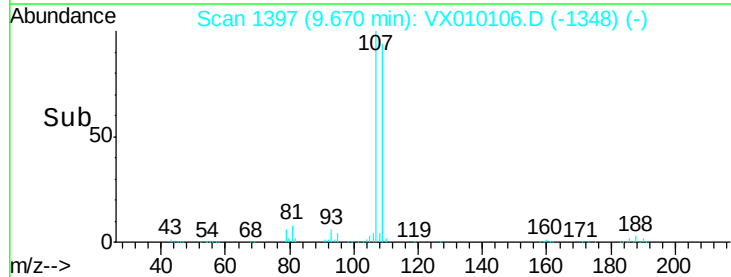
300000

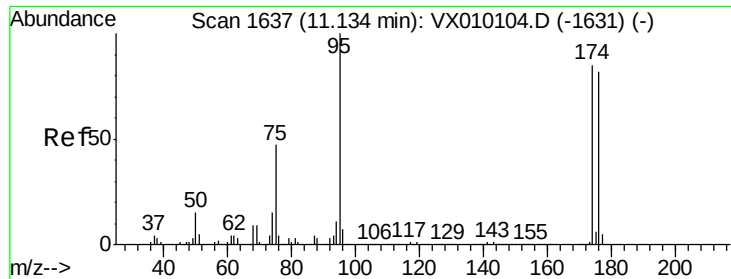
200000

100000

0

Time-->





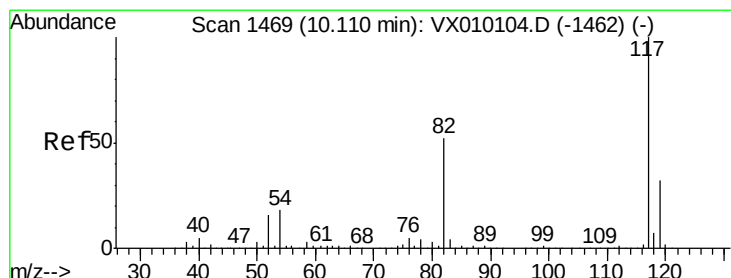
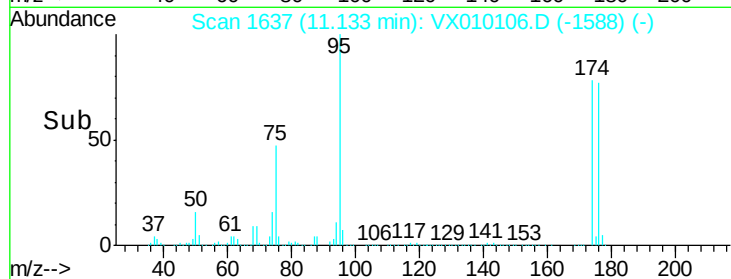
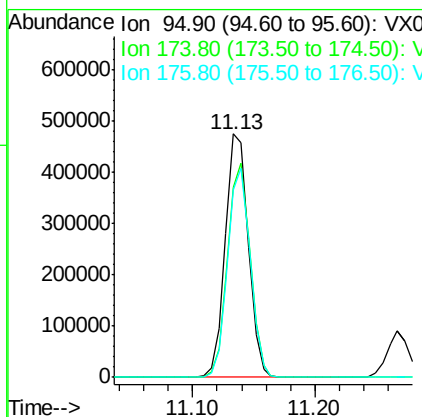
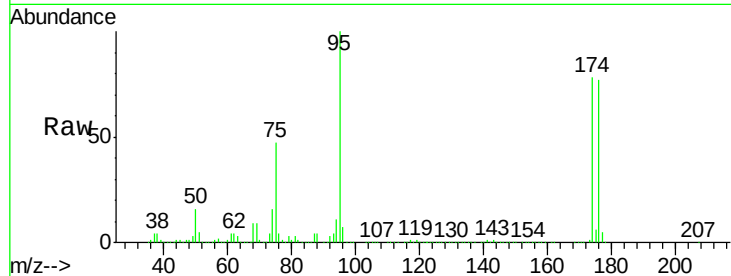
#62
4-Bromofluorobenzene
Concen: 152.809 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
95	100	618410		
174	86.0	0.0	160.4	
176	84.2	0.0	154.6	

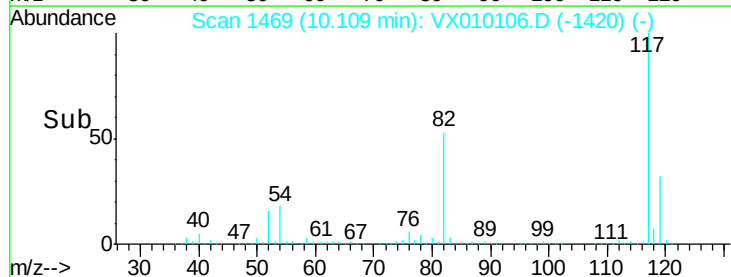
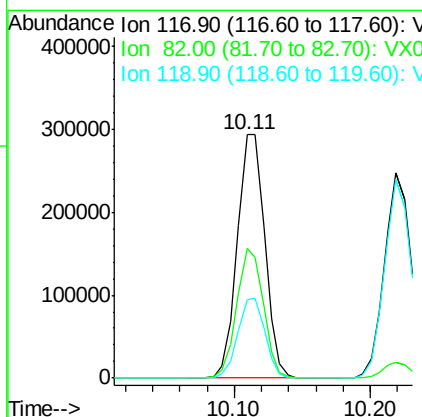
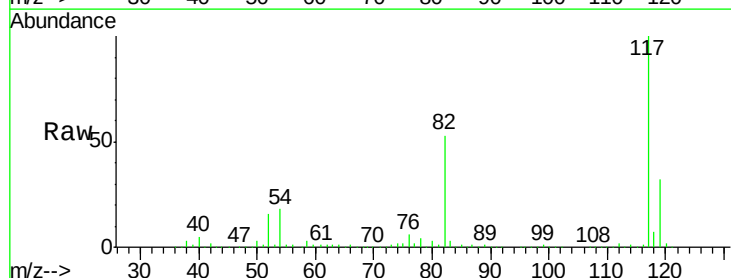
Manual Integrations
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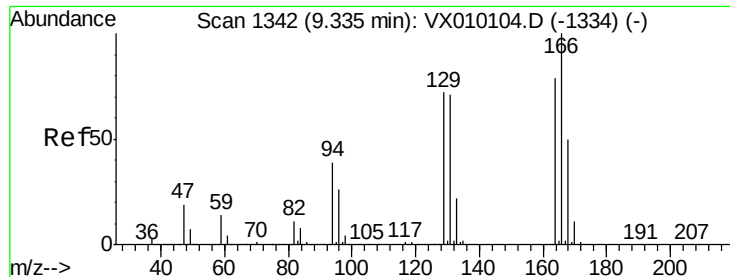
MMDadoda
6/10/2019 10:53:45 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	415205		
82	53.1	49.2	73.8	
119	32.3	25.2	37.8	





#64

Tetrachloroethene

Concen: 154.096 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 445163

Ion Ratio Lower Upper

164 100

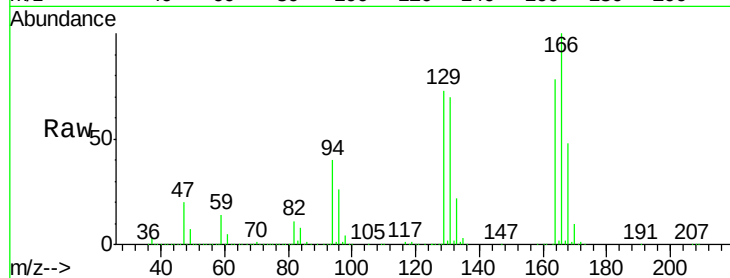
166 128.4 105.0 157.4

129 94.0 75.1 112.7

131 89.7 72.2 108.4

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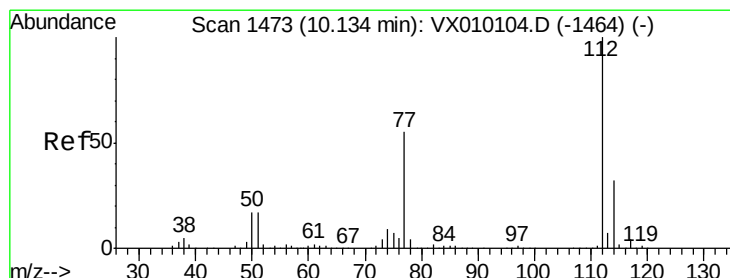
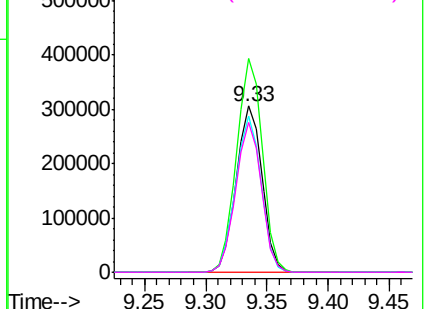
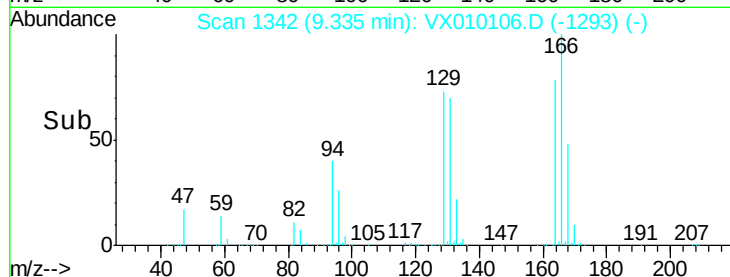


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 151.837 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010106.D

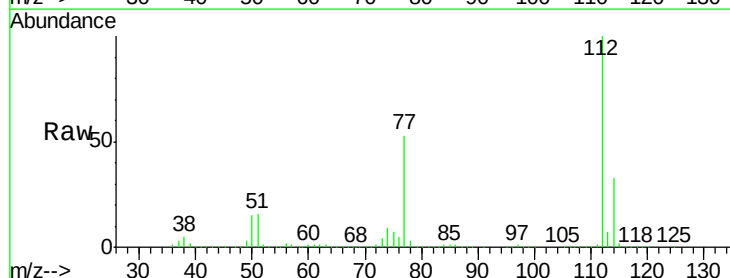
Acq: 07 Jun 2019 13:27

Tgt Ion:112 Resp: 1256142

Ion Ratio Lower Upper

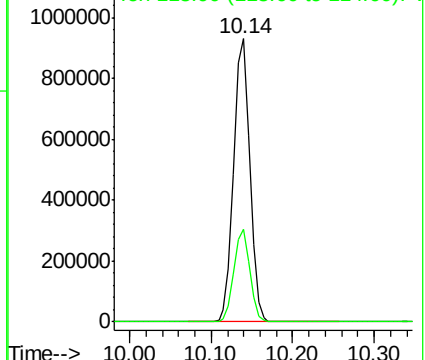
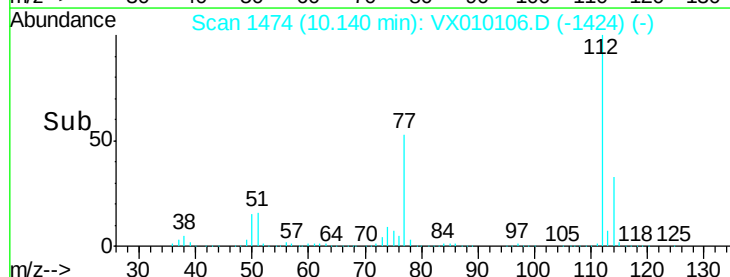
112 100

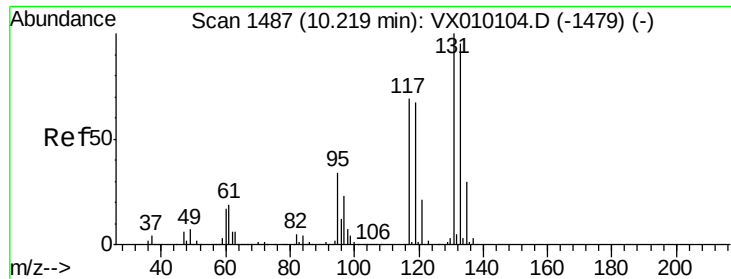
114 32.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





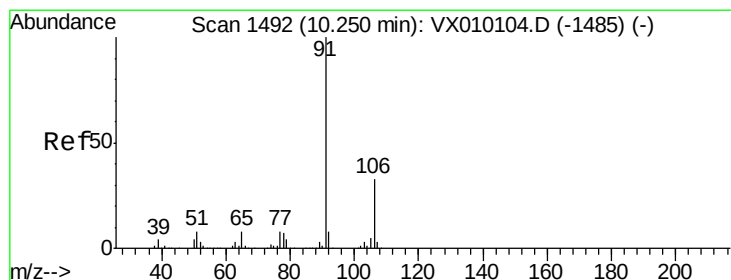
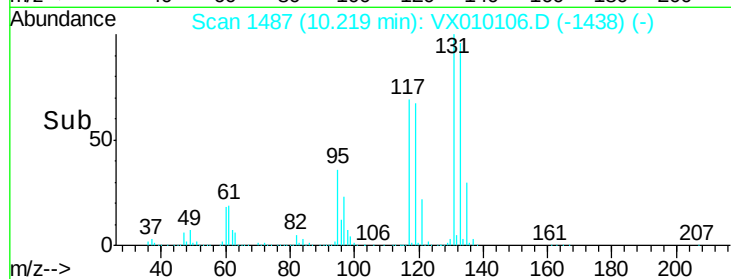
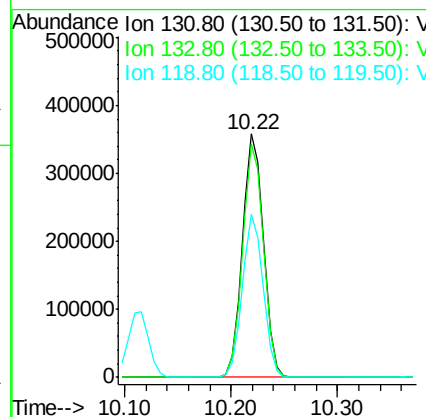
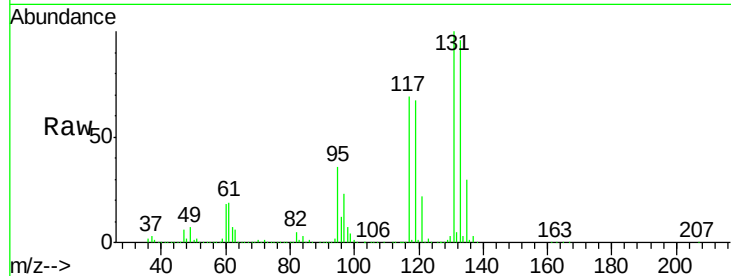
#66
 1,1,1,2-Tetrachloroethane
 Concen: 155.679 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	496294		
133	95.4	47.5	142.6	
119	66.2	33.4	100.1	

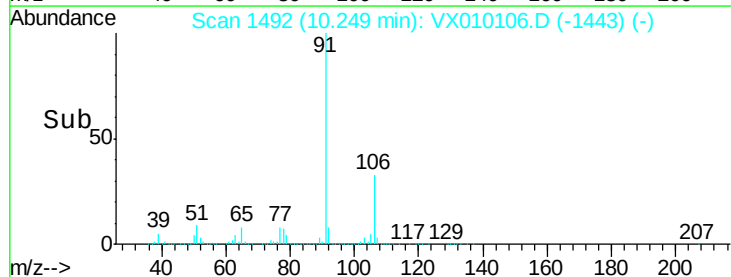
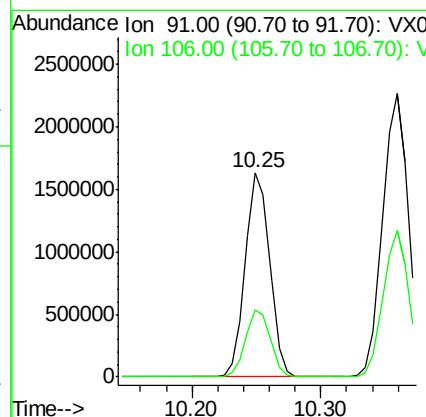
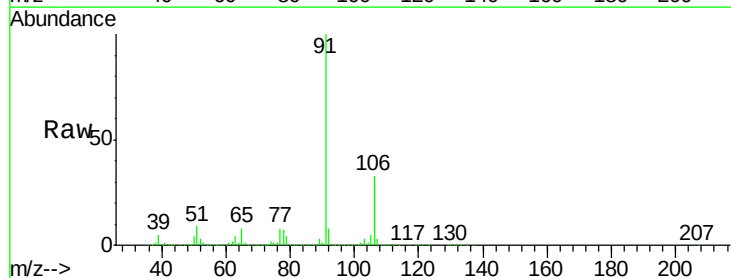
Manual Integrations
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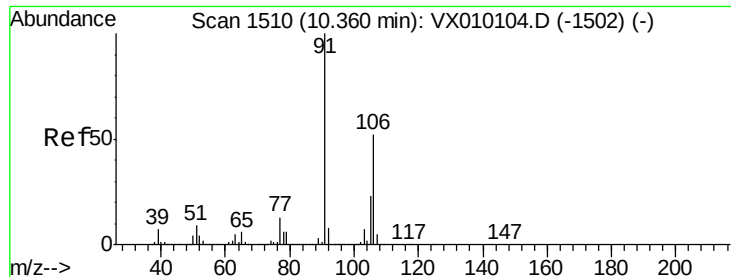
MMDadoda
 6/10/2019 10:53:45 AM



#67
 Ethyl Benzene
 Concen: 151.537 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2137011		
106	33.0	23.9	35.9	





#68

m/p-Xylenes

Concen: 292.540 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:106 Resp: 1596673

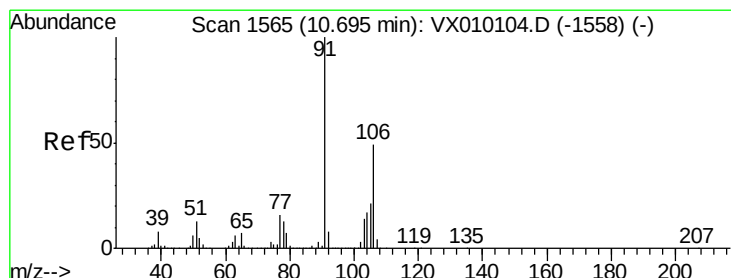
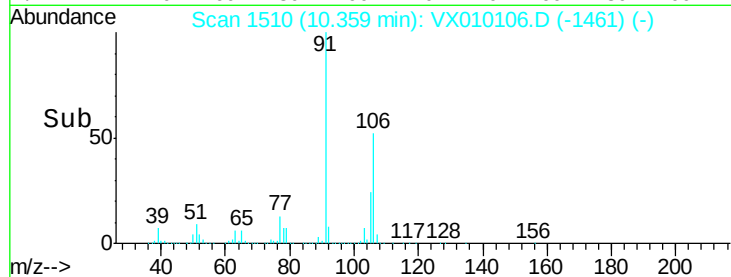
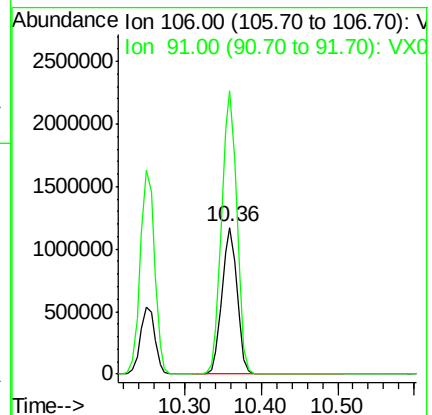
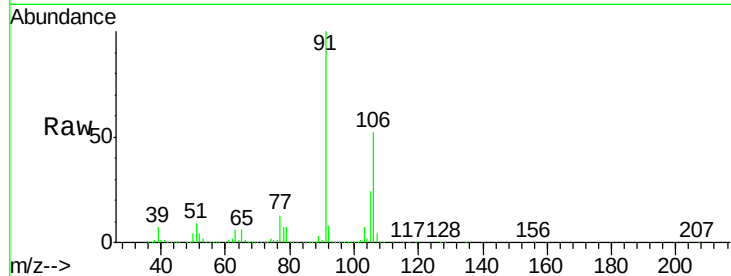
Ion Ratio Lower Upper

106 100

91 195.5 167.3 250.9

Manual Integrations
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#69

o-Xylene

Concen: 147.377 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX010106.D

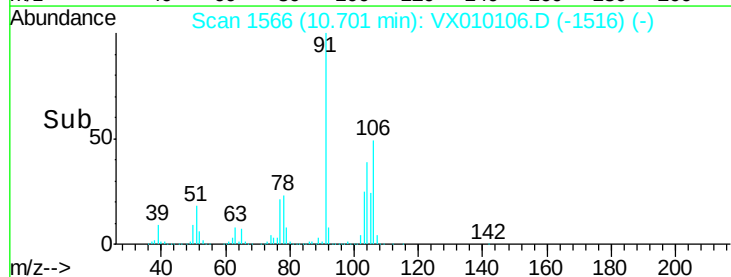
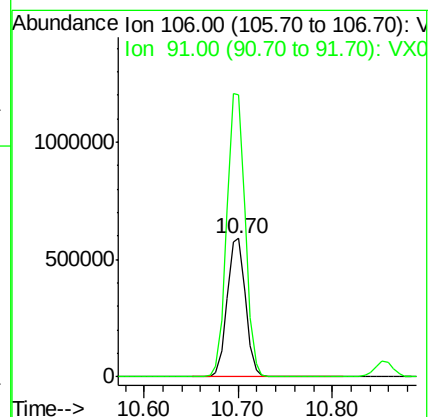
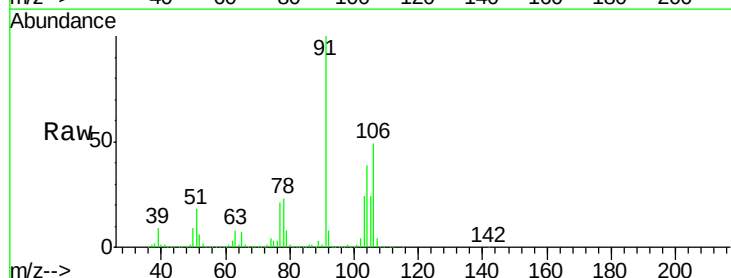
Acq: 07 Jun 2019 13:27

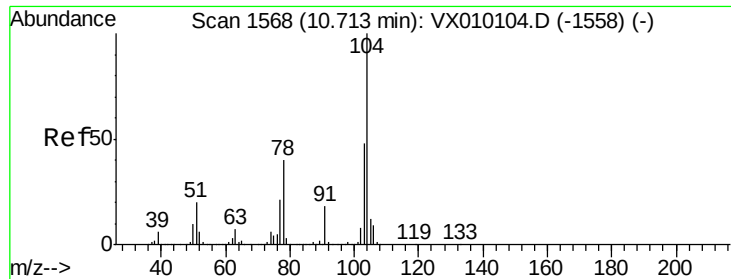
Tgt Ion:106 Resp: 791018

Ion Ratio Lower Upper

106 100

91 205.4 110.4 331.2





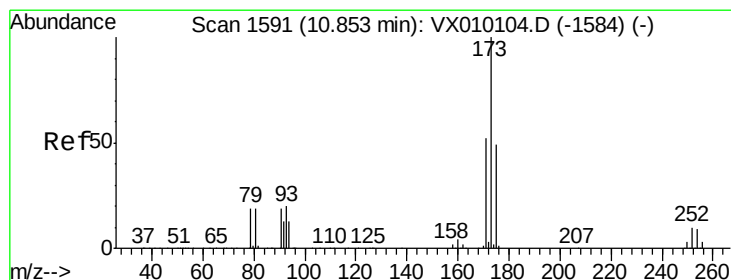
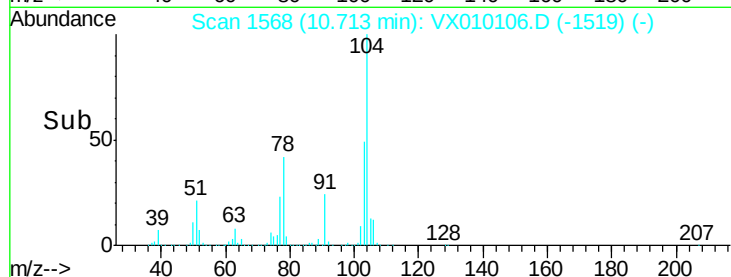
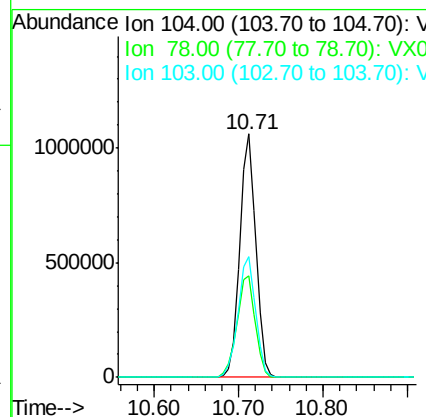
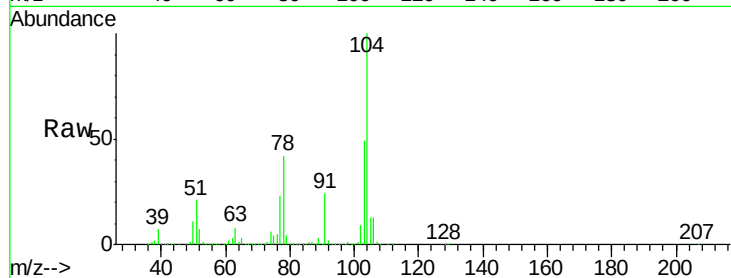
#70
Stvrene
Concen: 146.247 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	42.1	63.1
103	54.7	44.1	66.1

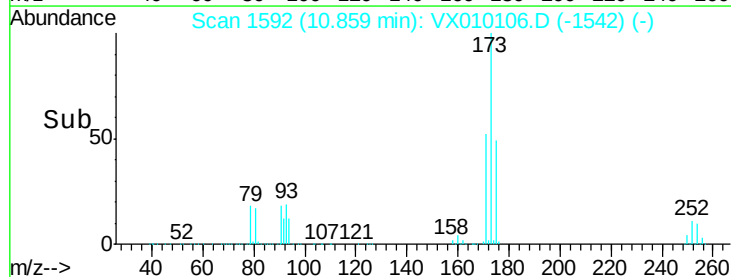
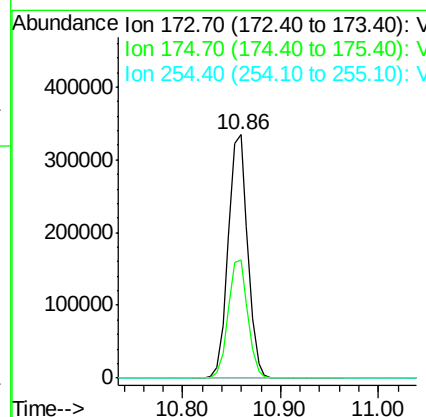
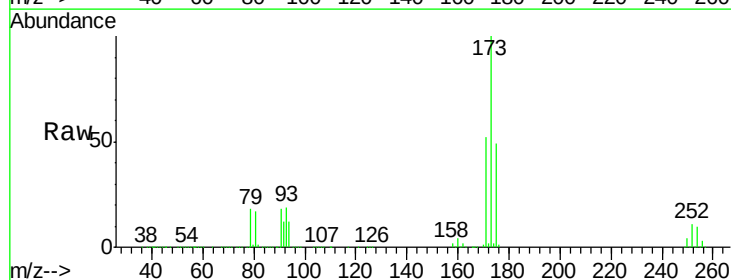
Manual Integrations
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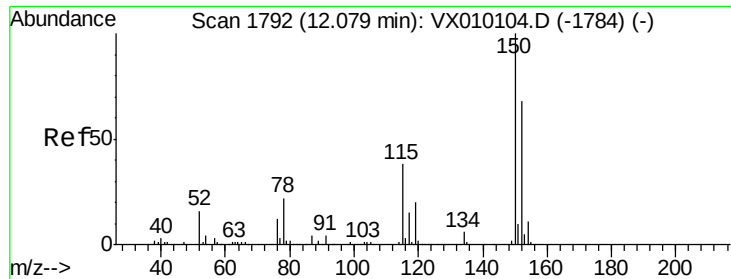
MMDadoda
6/10/2019 10:53:45 AM



#71
Bromoform
Concen: 155.285 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.0	75.0
254	0.1	0.2	0.2#





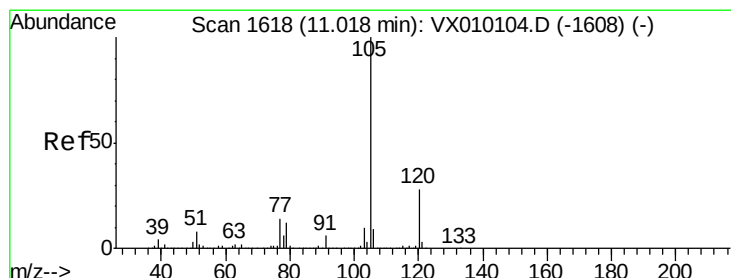
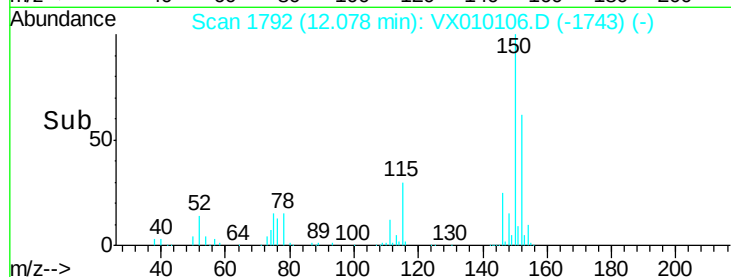
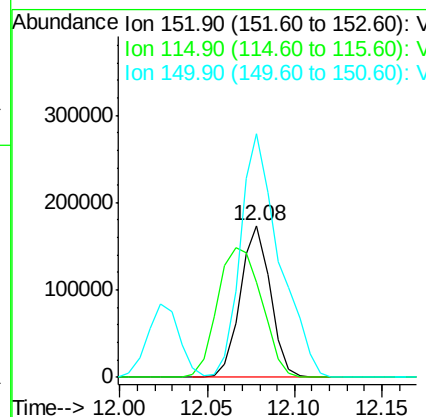
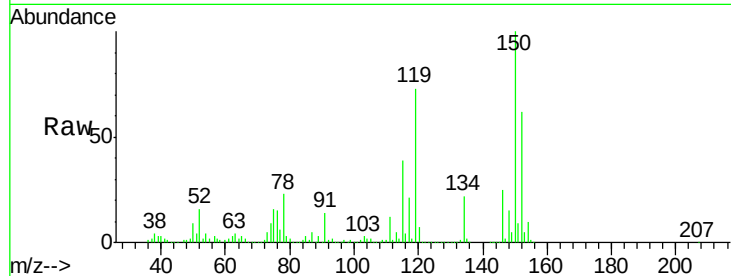
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
152	100		
115	126.2	41.4	124.2#
150	209.0	0.0	345.2

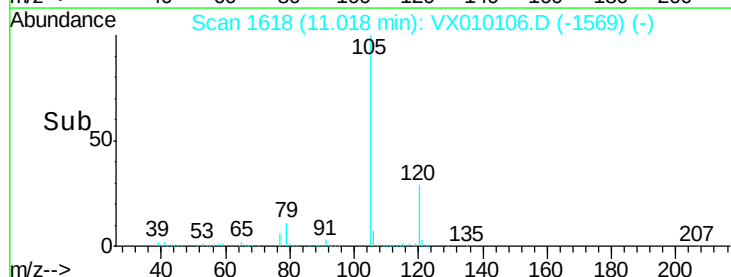
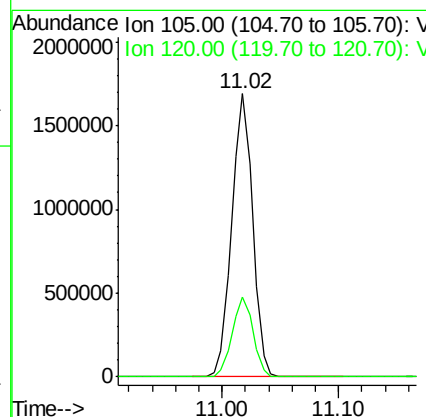
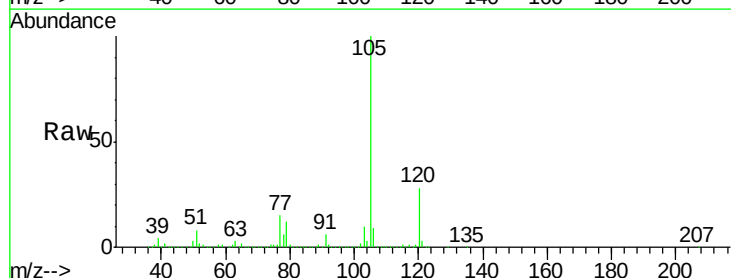
Manual Integrations
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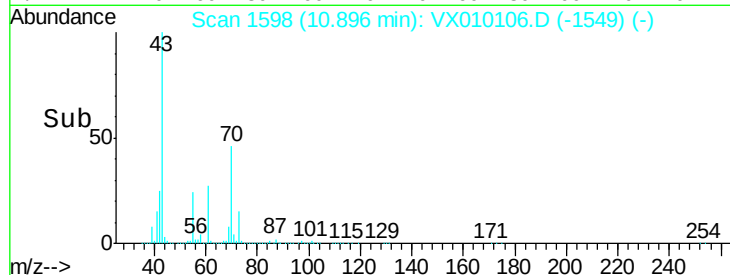
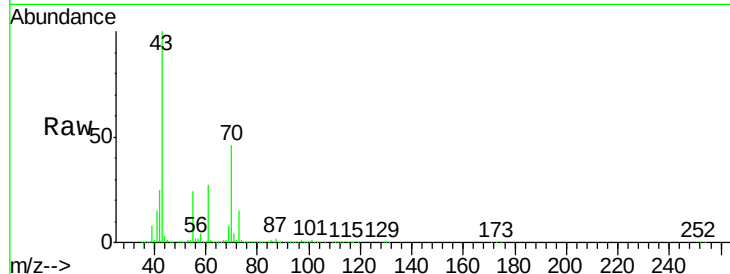
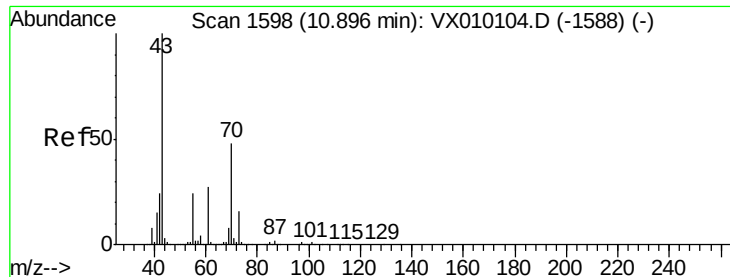
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 6/10/2019 10:53:45 AM



#73
 Isopropylbenzene
 Concen: 150.309 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	12.8	38.4





#74

N-amvl acetate

Concen: 156.037 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tot Ion	43	70	55	61
Ratio	100	46.2	24.0	26.7
Lower		28.6	17.8	17.7
Upper		43.0#	26.8	26.5#

Instrument :

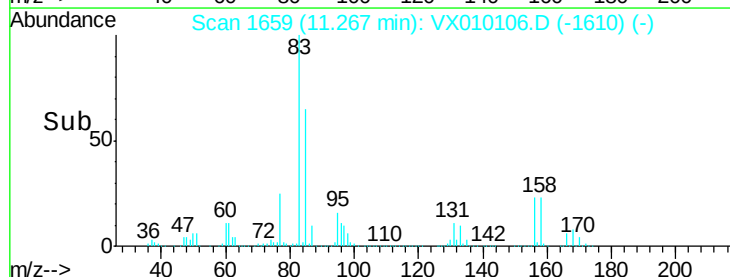
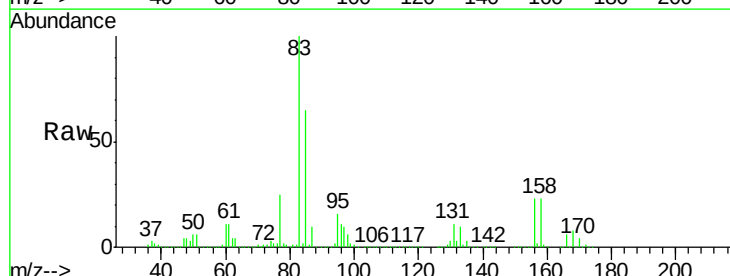
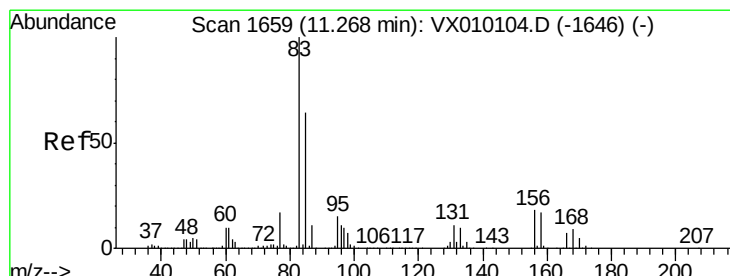
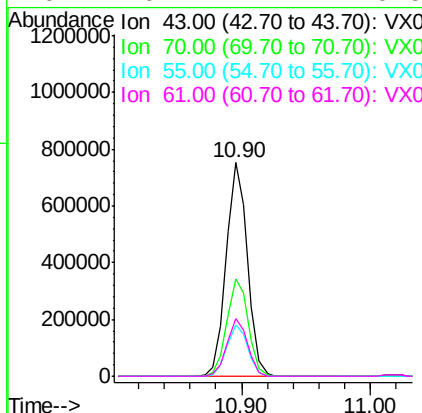
MSVOA_X

ClientSampleId :

VSTDIC150

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6/10/2019 10:53:45 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 152.265 ug/l

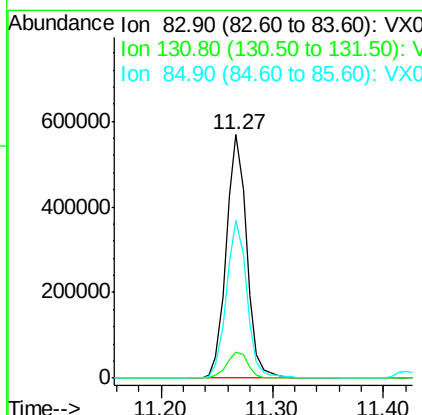
RT: 11.27 min Scan# 1659

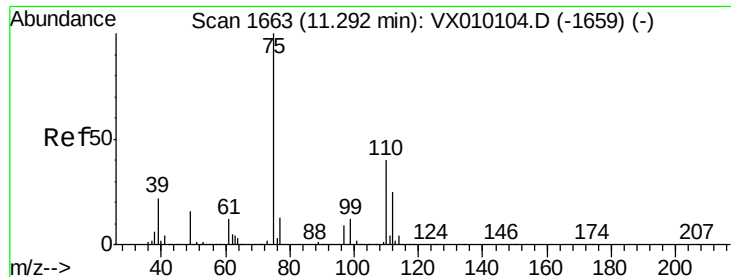
Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion	83	131	85
Ratio	100	11.1	64.9
Lower		4.7	31.9
Upper		14.1	95.9





#76

1,2,3-Trichloropropane

Concen: 145.787 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 577098

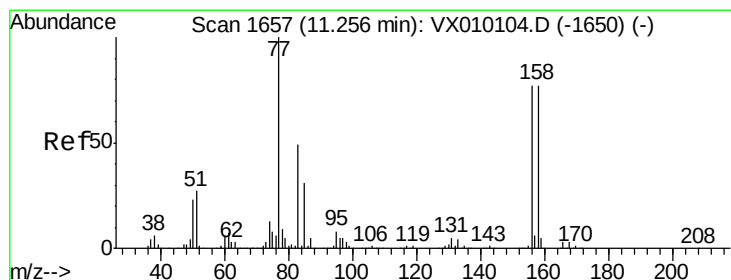
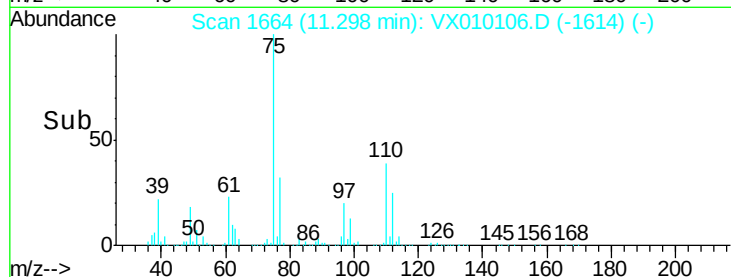
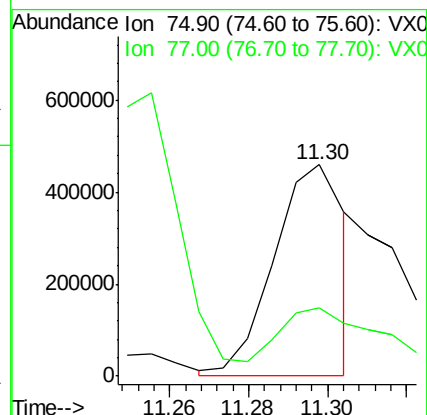
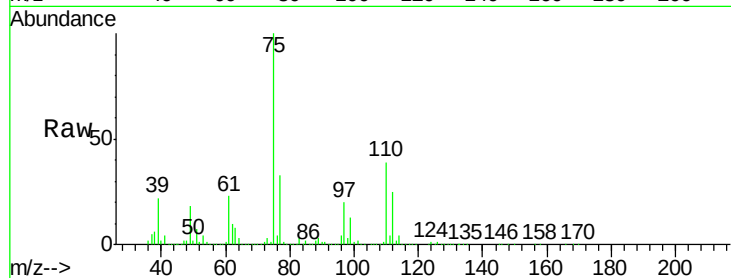
Ion Ratio Lower Upper

75 100

77 47.1 22.1 66.1

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#77

Bromobenzene

Concen: 148.818 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

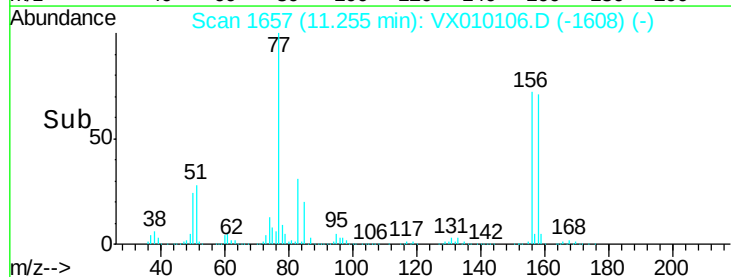
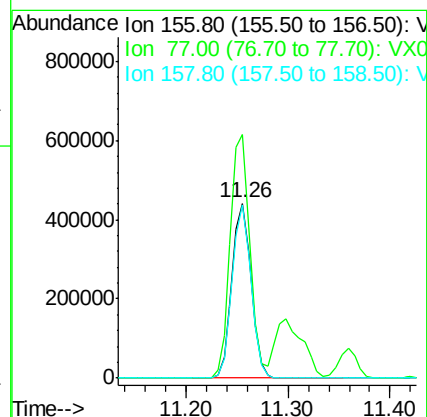
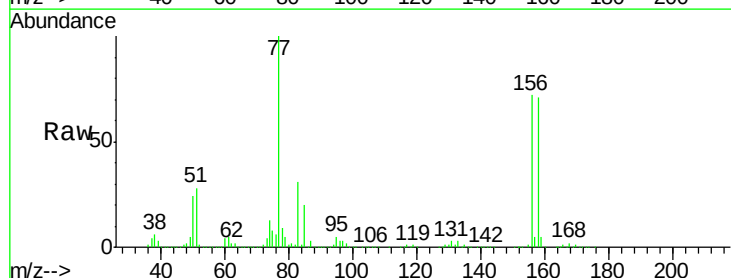
Tgt Ion: 156 Resp: 569965

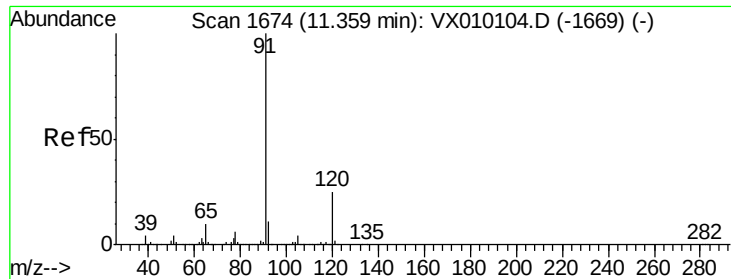
Ion Ratio Lower Upper

156 100

77 144.6 86.8 260.3

158 97.7 49.6 148.8





#78

n-propylbenzene

Concen: 152.453 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2397680

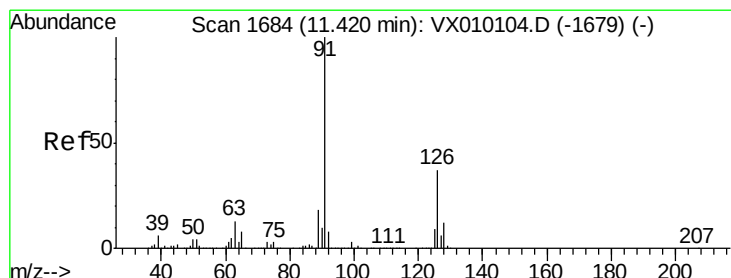
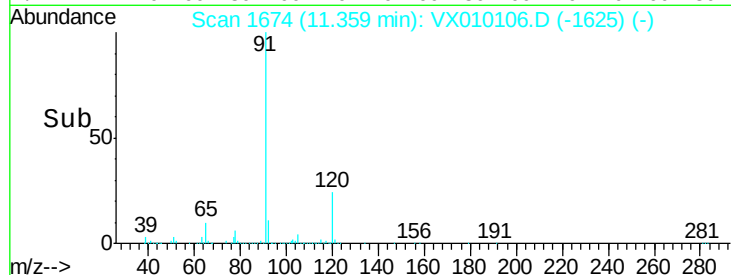
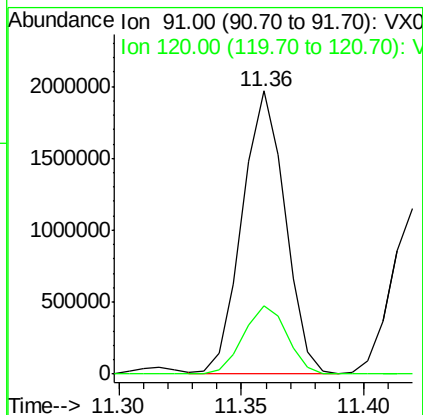
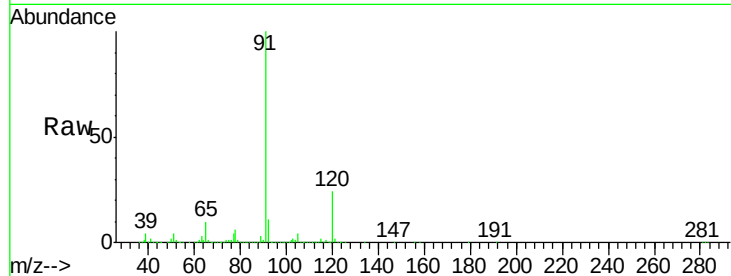
Ion Ratio Lower Upper

91 100

120 24.9 11.1 33.3

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6/10/2019 10:53:45 AM



#79

2-Chlorotoluene

Concen: 151.448 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010106.D

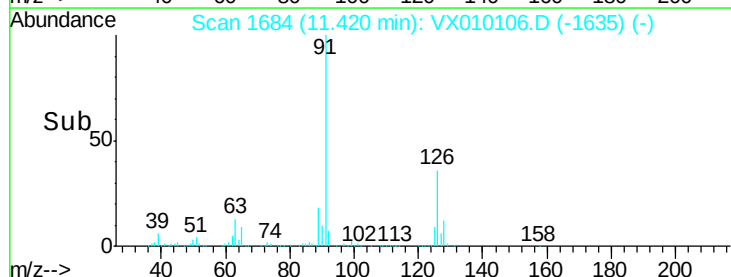
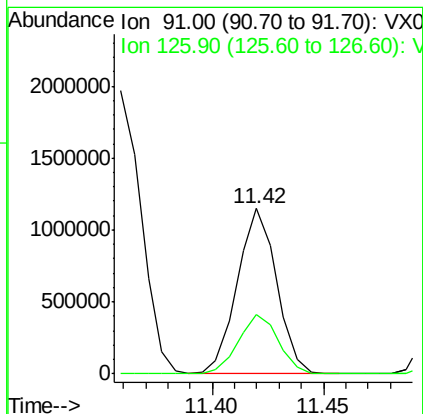
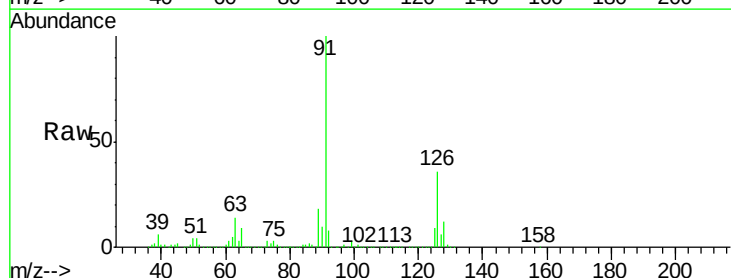
Acq: 07 Jun 2019 13:27

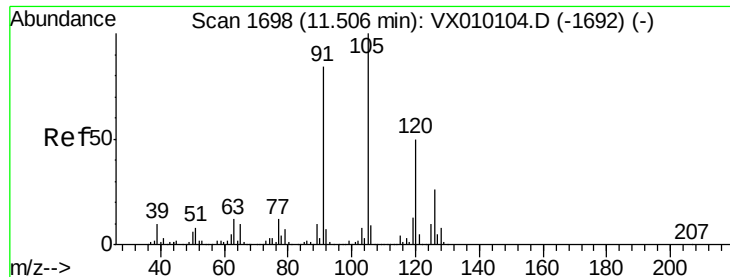
Tgt Ion: 91 Resp: 1416607

Ion Ratio Lower Upper

91 100

126 36.5 16.1 48.3





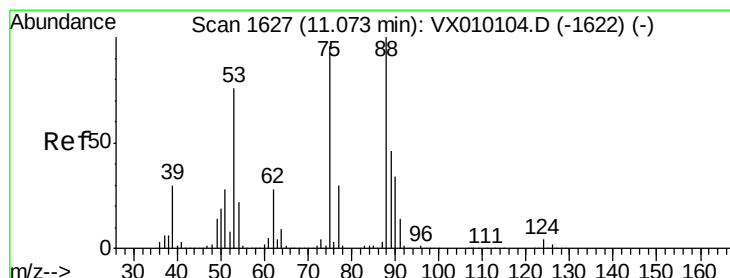
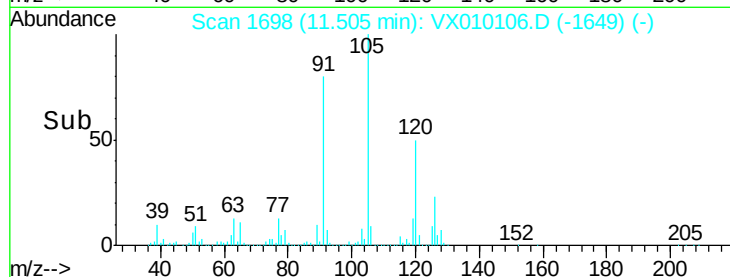
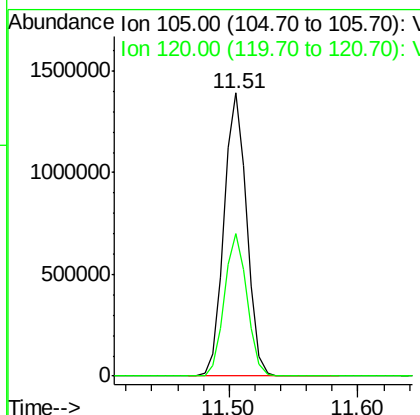
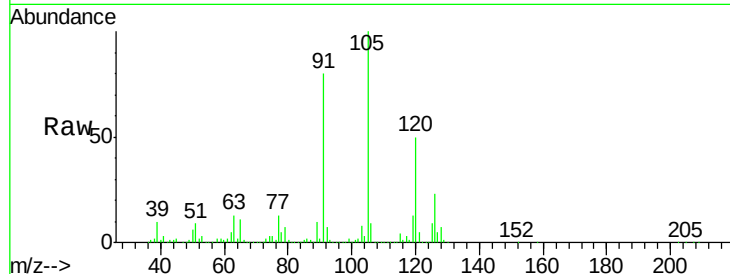
#80
 1,3,5-Trimethylbenzene
 Concen: 147.316 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1725809
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.1 72.3

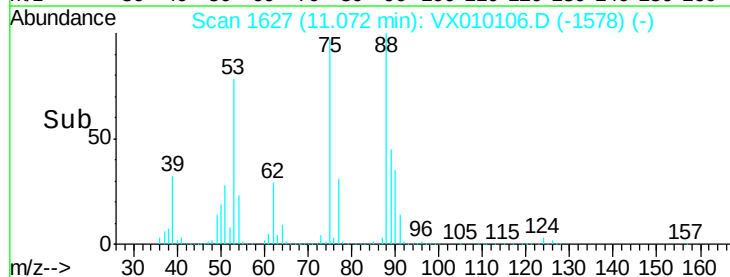
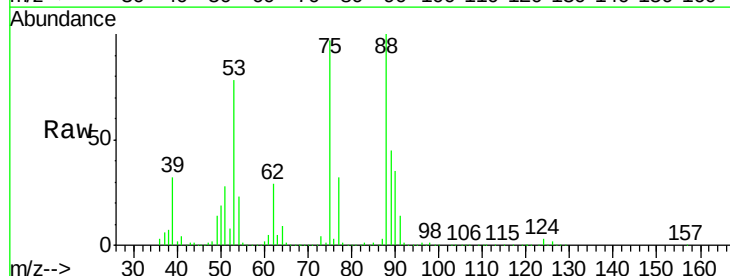
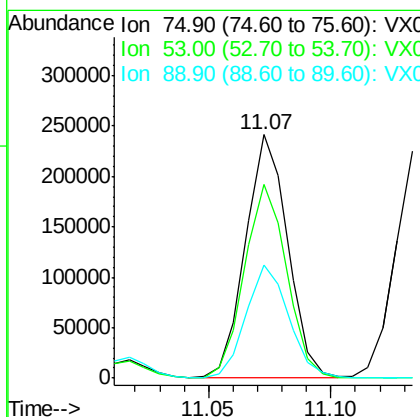
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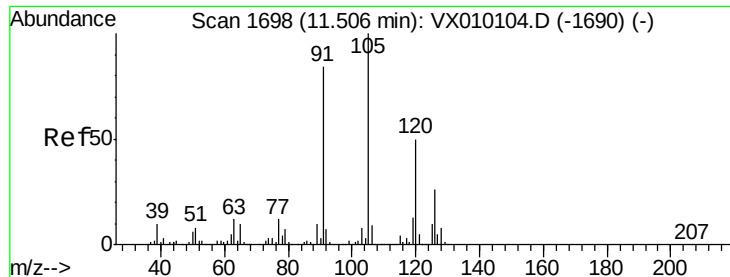
MMDadoda
 6/10/2019 10:53:45 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.670 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 75 Resp: 289136
 Ion Ratio Lower Upper
 75 100
 53 80.0 79.8 119.6
 89 47.5 34.2 51.4





#82

4-Chlorotoluene

Concen: 147.684 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1597335

Ion Ratio Lower Upper

91 100

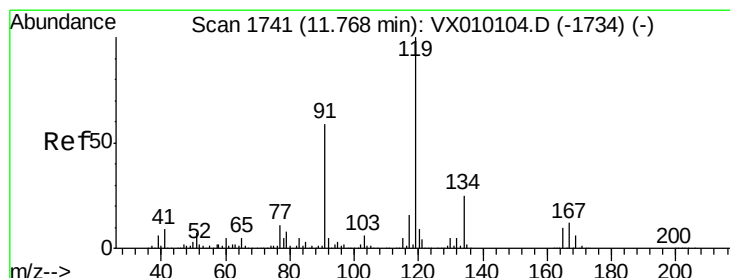
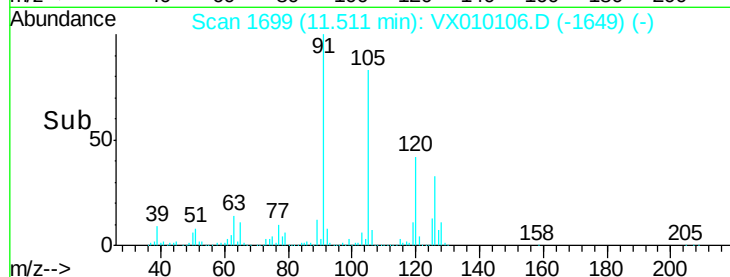
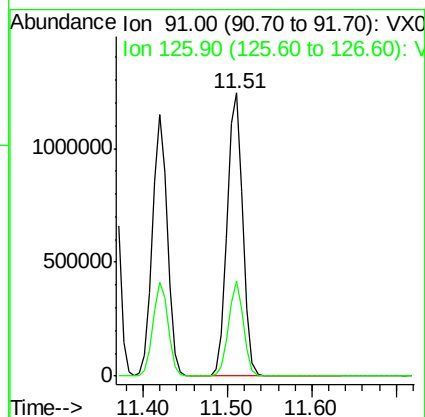
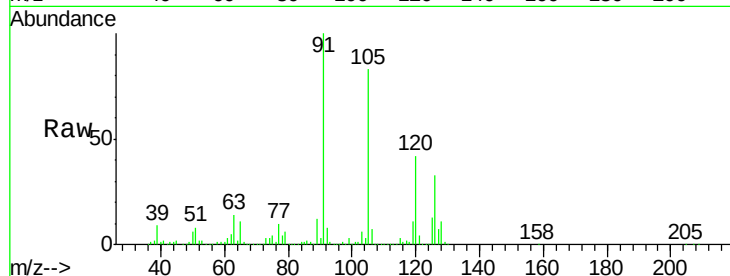
126 31.8 14.2 42.6

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#83

tert-Butylbenzene

Concen: 151.918 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

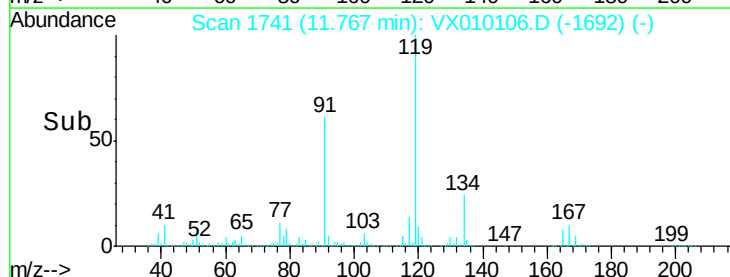
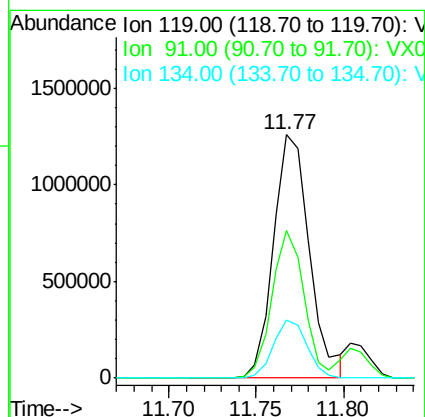
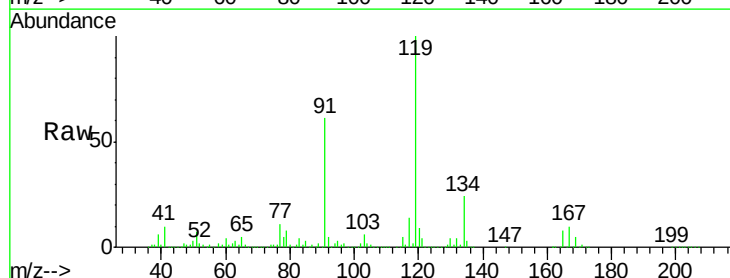
Tgt Ion: 119 Resp: 1800117

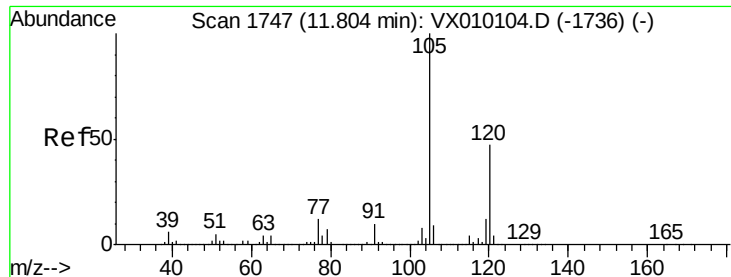
Ion Ratio Lower Upper

119 100

91 54.4 30.0 90.0

134 22.5 11.2 33.5





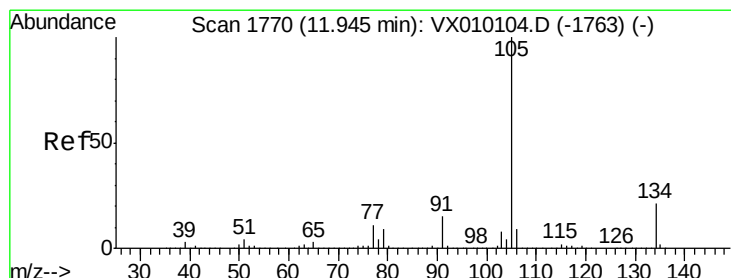
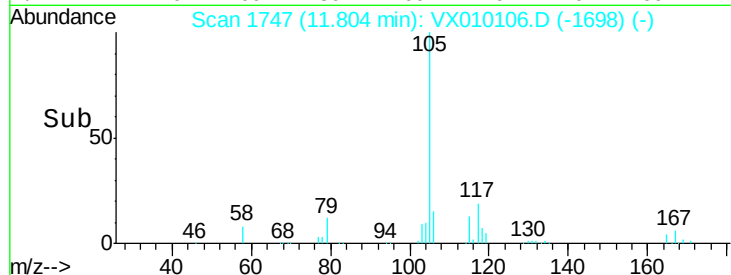
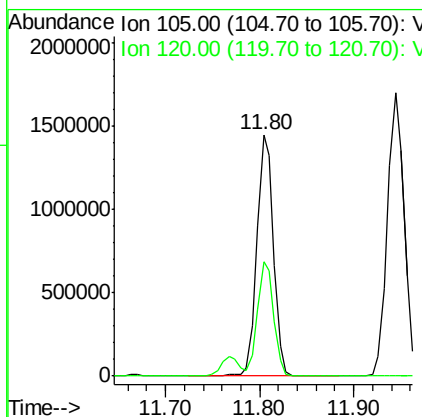
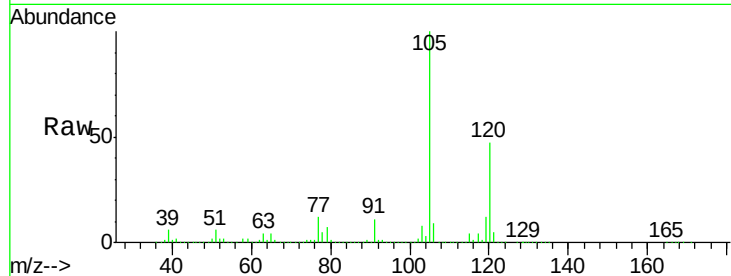
#84
 1,2,4-Trimethylbenzene
 Concen: 151.874 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1803304
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.1 66.1

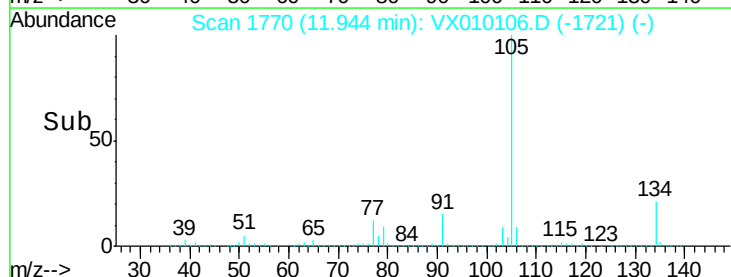
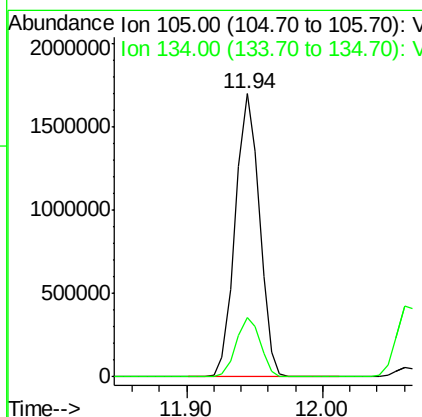
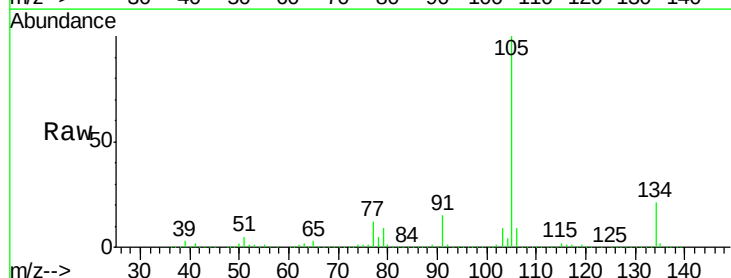
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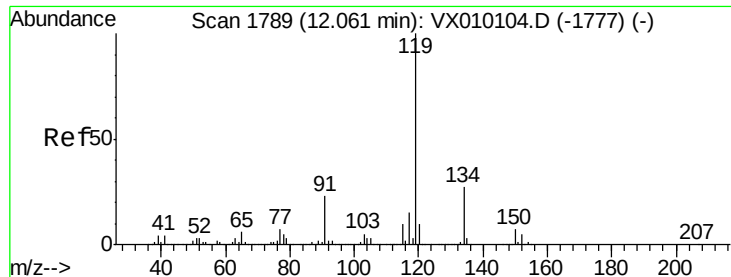
MMDadoda
 6/10/2019 10:53:45 AM



#85
 sec-Butylbenzene
 Concen: 151.631 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion:105 Resp: 2101533
 Ion Ratio Lower Upper
 105 100
 134 21.1 9.7 28.9





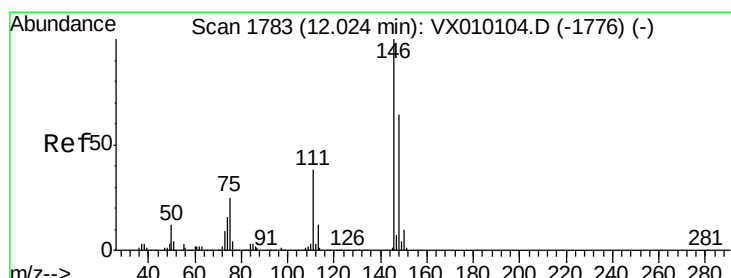
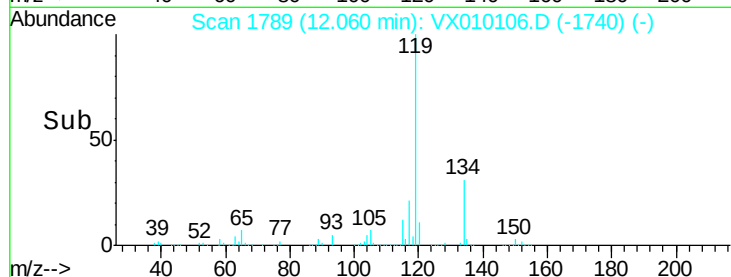
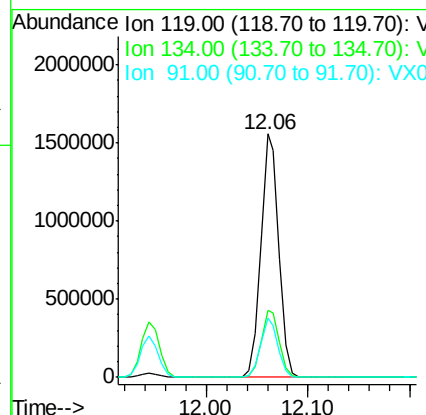
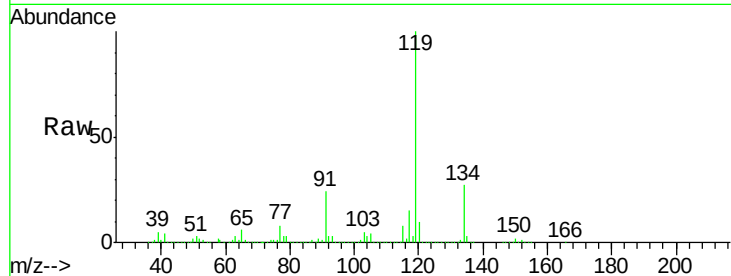
#86
 p-Isopropyltoluene
 Concen: 150.984 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.9	38.6
91	23.4	11.9	35.9

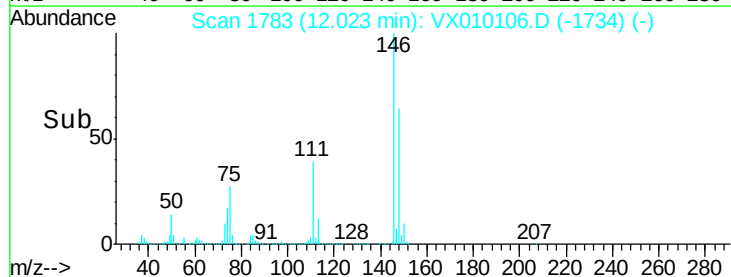
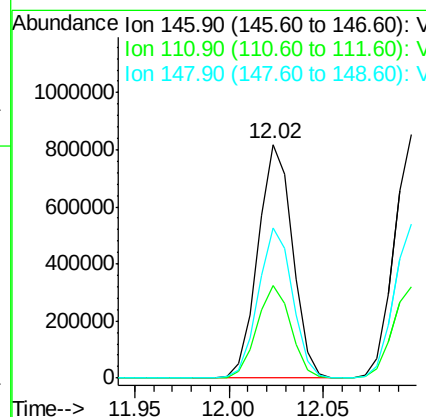
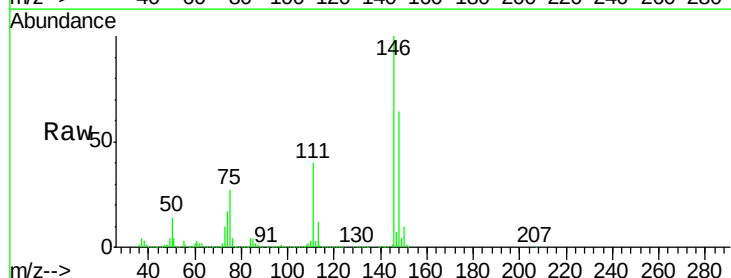
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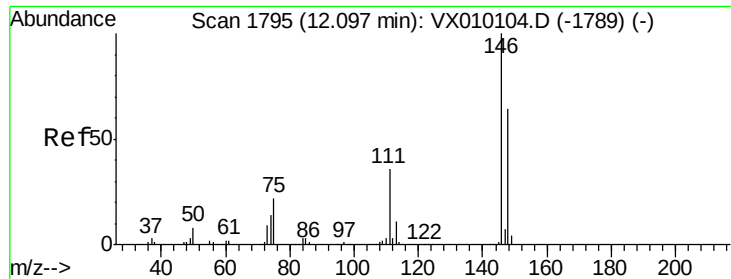
MMDadoda
 6/10/2019 10:53:45 AM



#87
 1,3-Dichlorobenzene
 Concen: 153.430 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	63.9	31.9	95.5





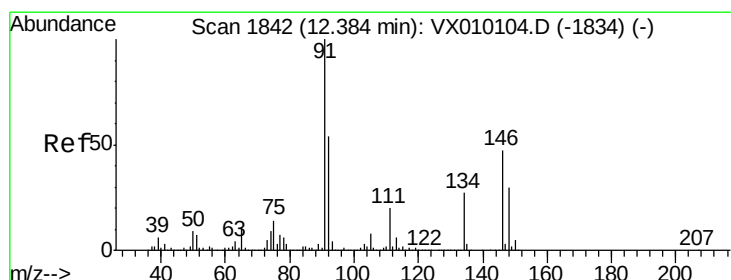
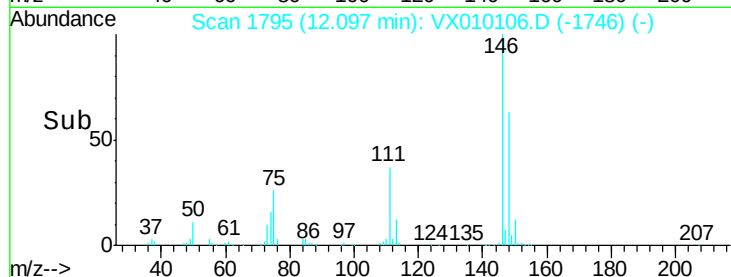
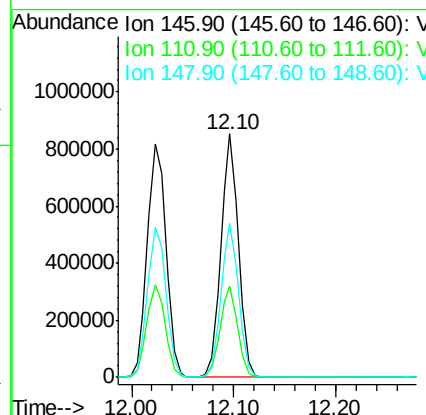
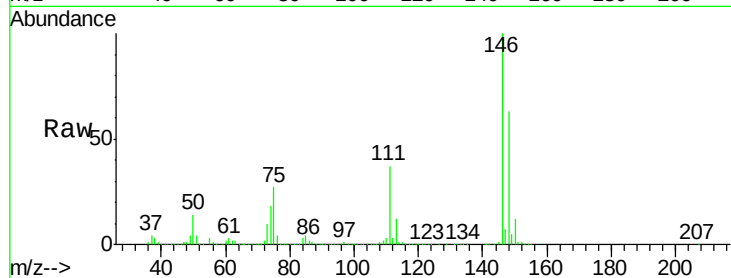
#88
 1,4-Dichlorobenzene
 Concen: 154.843 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:146 Resp: 1032126
 Ion Ratio Lower Upper
 146 100
 111 37.4 20.0 59.9
 148 63.7 32.3 96.9

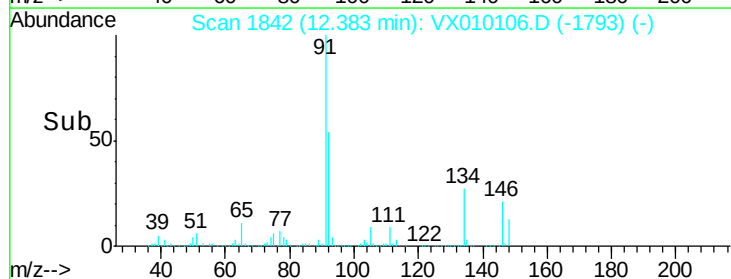
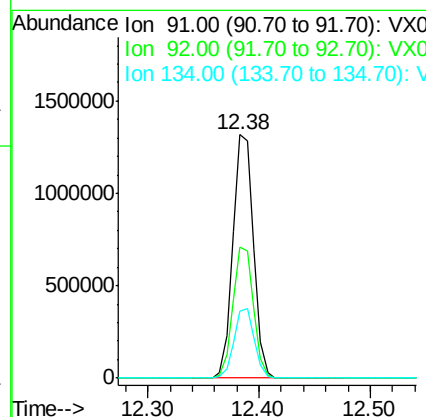
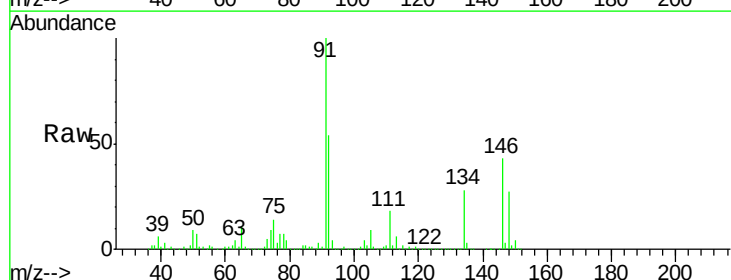
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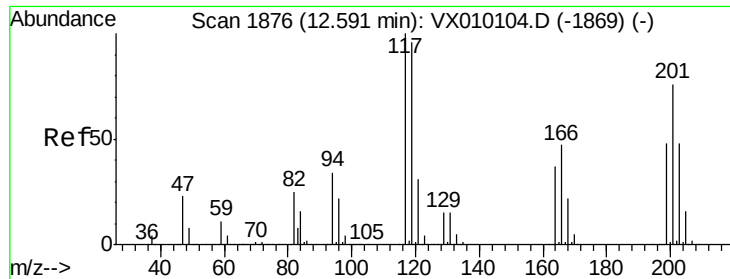
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 6/10/2019 10:53:45 AM



#89
 n-Butylbenzene
 Concen: 151.957 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 91 Resp: 1679097
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.3 78.8
 134 28.1 12.3 36.8





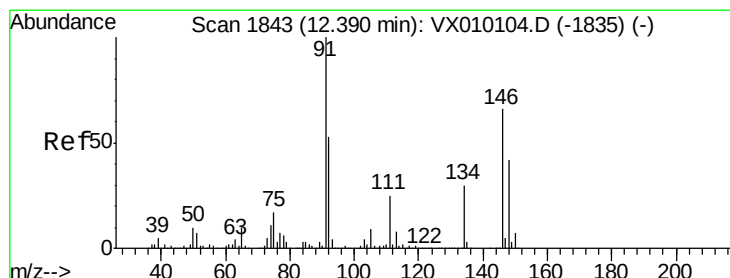
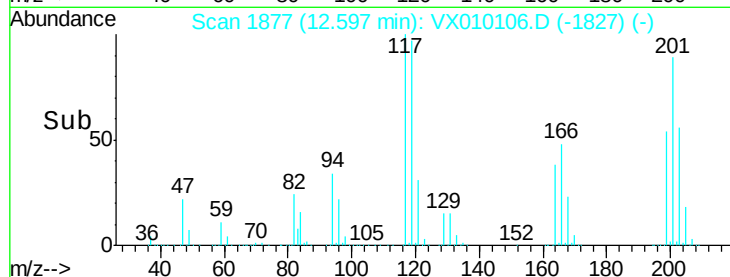
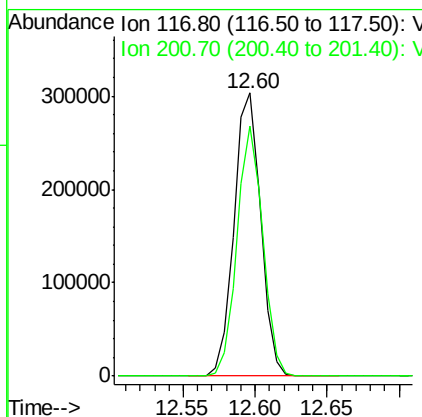
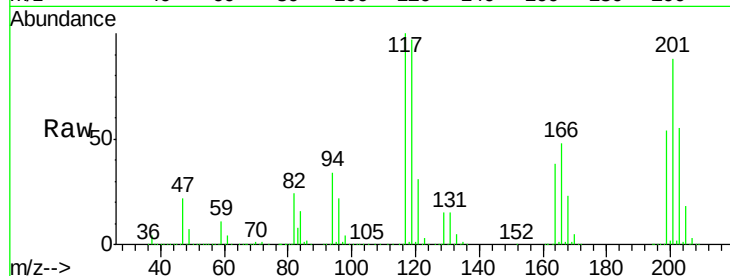
#90
 Hexachloroethane
 Concen: 156.553 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	394213		
201	84.9	43.6	130.9	

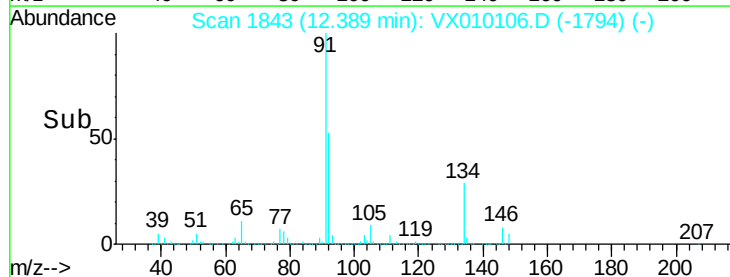
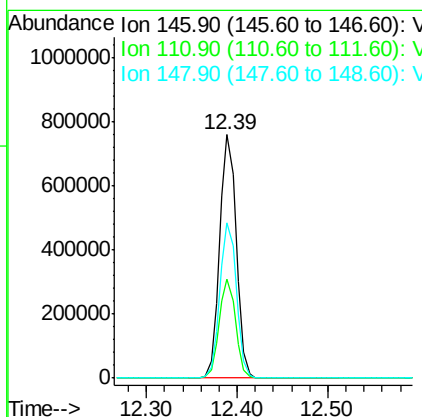
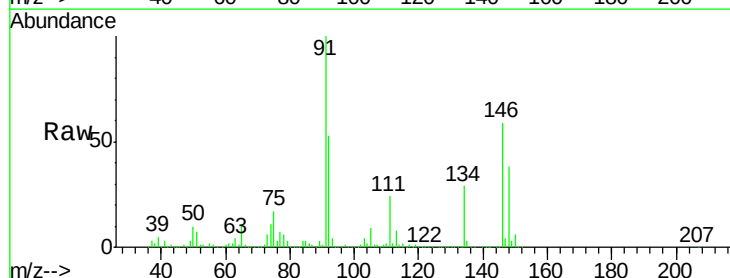
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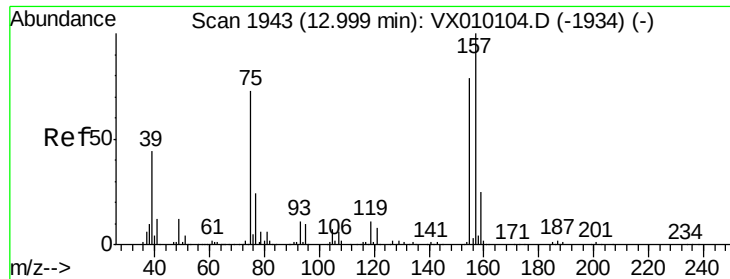
MMDadoda
 6/10/2019 10:53:45 AM



#91
 1,2-Dichlorobenzene
 Concen: 148.489 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	972938		
111	40.2	21.1	63.1	
148	63.8	32.3	96.8	





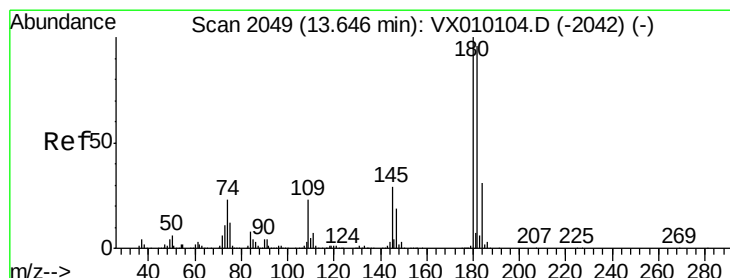
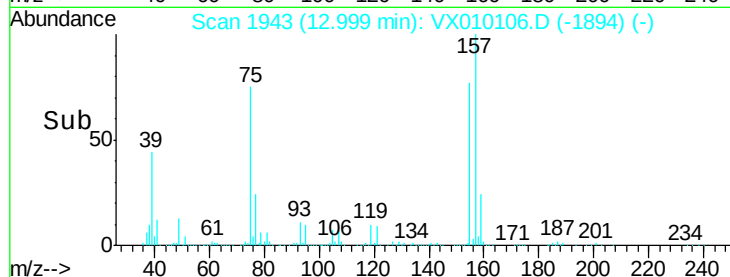
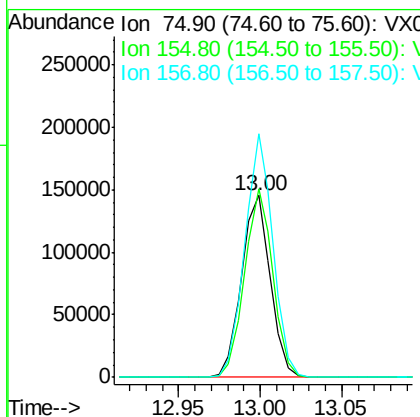
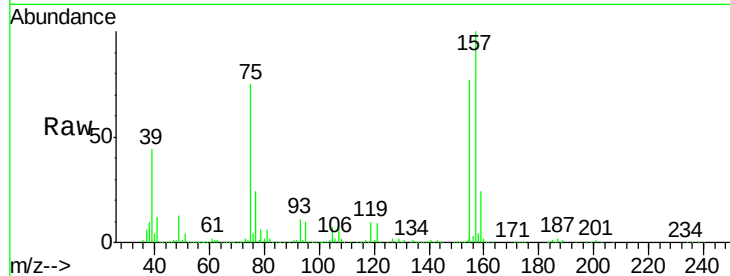
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 165.236 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	101.3	39.3	117.8
157	129.9	50.6	151.8

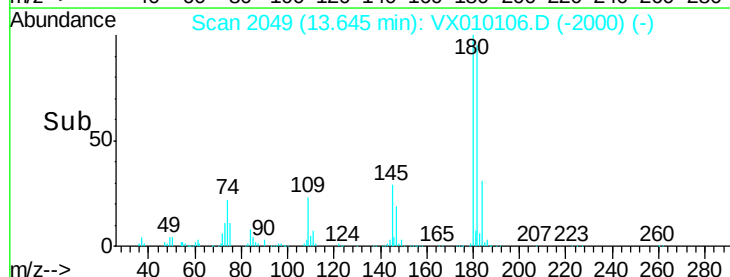
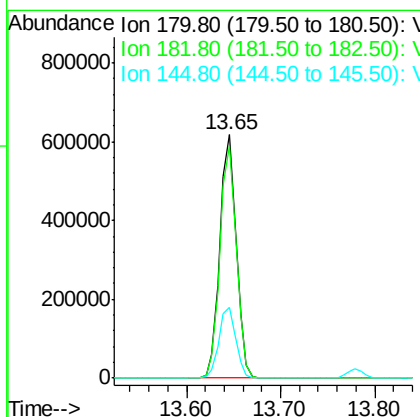
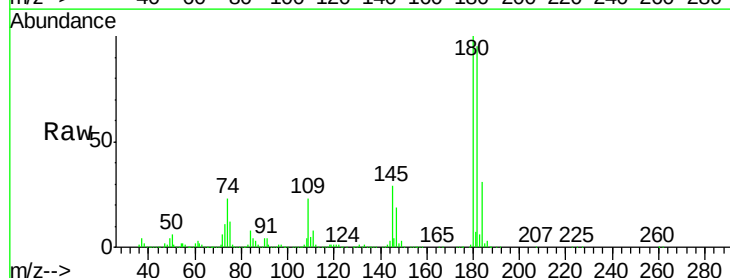
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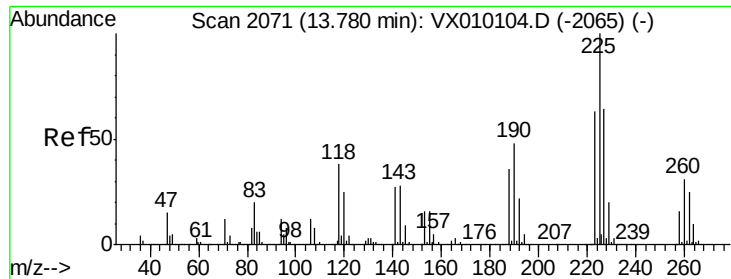
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#93
 1,2,4-Trichlorobenzene
 Concen: 160.296 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	29.9	14.5	43.5





#94

Hexachlorobutadiene

Concen: 152.273 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

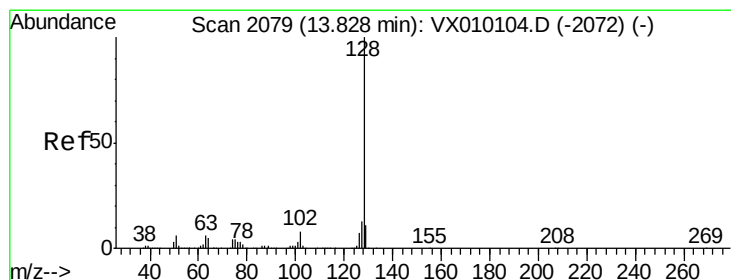
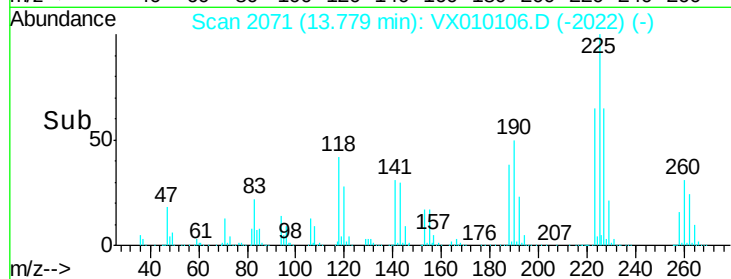
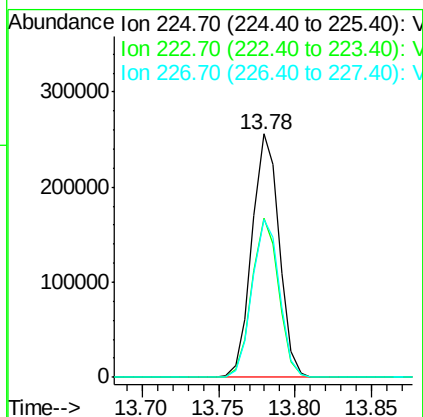
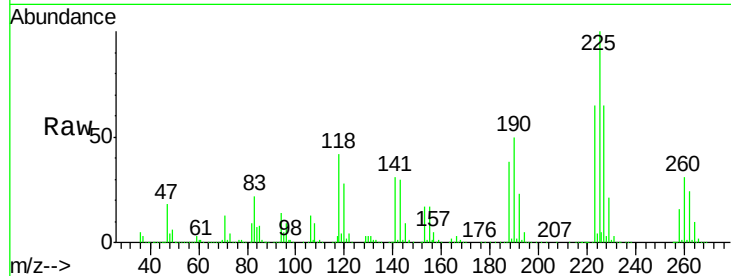
ClientSampleId :

VSTDIC150

Tot Ion:	225	Resp:	316682
Ion Ratio		Lower	Upper
225	100		
223	64.4	31.3	93.8
227	65.1	32.3	96.8

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#95

Naphthalene

Concen: 158.161 ug/l

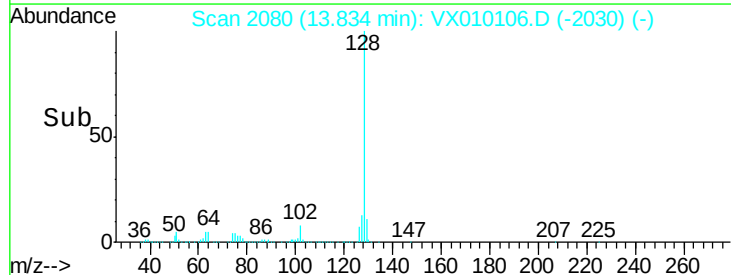
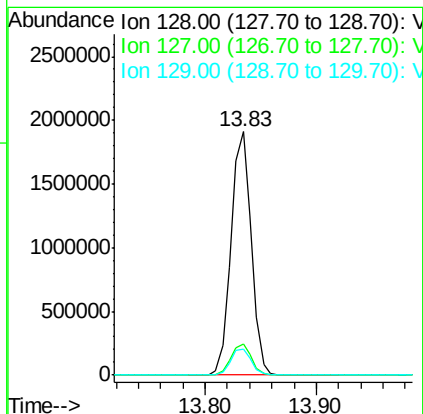
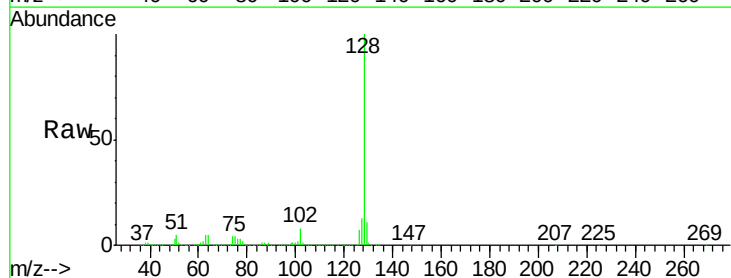
RT: 13.83 min Scan# 2080

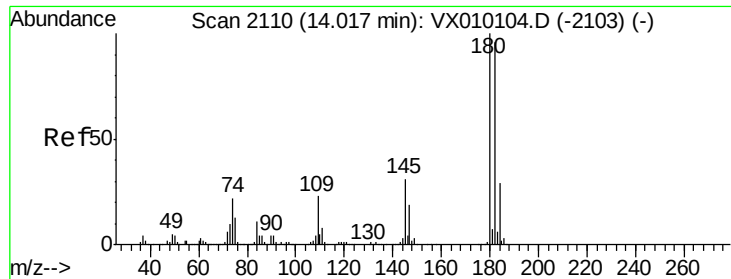
Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion:	128	Resp:	2385358
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 160.512 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	743847		
182	96.0		47.3	142.0
145	31.9		15.6	46.7

Manual Integrations
 APPROVED

MMDadoda
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