

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003962.D
 Acq On : 09 Aug 2018 20:23
 Operator : JC/MD
 Sample : J4379-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:39 AM

Quant Time: Aug 10 03:08:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	209713	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	5.51	113	178106	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	8.72	98	671289	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	254576	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153344	46.61	ug/l	99
3) Chloromethane	1.32	50	184046	41.12	ug/l	99
4) Vinyl Chloride	1.40	62	206605	46.28	ug/l	98
5) Bromomethane	1.64	94	79654	32.56	ug/l	98
6) Chloroethane	1.71	64	155036	54.28	ug/l	97
7) Trichlorofluoromethane	1.92	101	281556	47.77	ug/l	100
8) Diethyl Ether	2.19	74	130578	49.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	171930	46.67	ug/l	100
10) Methyl Iodide	2.51	142	146182	31.90	ug/l	100
11) Tert butyl alcohol	3.08	59	288458	278.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	168077	48.23	ug/l	96
13) Acrolein	2.29	56	107480	200.86	ug/l	99
14) Allyl chloride	2.72	41	318062	47.35	ug/l	96
15) Acrylonitrile	3.15	53	628710	254.78	ug/l	100
16) Acetone	2.45	43	655663	256.08	ug/l	100
17) Carbon Disulfide	2.56	76	478380	48.45	ug/l	99
18) Methyl Acetate	2.78	43	282581	50.69	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	618540	50.09	ug/l	98
20) Methylene Chloride	2.85	84	199912	49.53	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	185146	46.80	ug/l	98
22) Diisopropyl ether	3.87	45	602811	48.82	ug/l	100
23) Vinyl Acetate	3.82	43	2454615	238.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	357921	48.80	ug/l	99
25) 2-Butanone	4.71	43	1054604	273.95	ug/l	99
26) 2,2-Dichloropropane	4.59	77	193645	36.61	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	218229	50.84	ug/l	94
28) Bromochloromethane	5.02	49	158401	50.47	ug/l	99
29) Tetrahydrofuran	5.17	42	526169	265.93	ug/l	100
30) Chloroform	5.21	83	344390	49.87	ug/l	98
31) Cyclohexane	5.57	56	297601	47.98	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	293349	50.66	ug/l	100
36) 1,1-Dichloropropene	5.80	75	260568	47.96	ug/l	100
37) Ethyl Acetate	4.87	43	294193	49.23	ug/l	100
38) Carbon Tetrachloride	5.78	117	257748	49.85	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293205	45.78	ug/l	99
40) Benzene	6.14	78	850590	52.14	ug/l	100
41) Methacrylonitrile	5.07	41	169442	51.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274901	49.84	ug/l	100
43) Isopropyl Acetate	6.47	43	455851	50.69	ug/l	100
44) Trichloroethene	7.21	130	212312	47.59	ug/l	91
45) 1,2-Dichloropropane	7.52	63	205620	48.81	ug/l	100
46) Dibromomethane	7.67	93	134103	49.03	ug/l	99
47) Bromodichloromethane	7.90	83	259865	50.44	ug/l	100
48) Methyl methacrylate	7.78	41	241152	52.75	ug/l	98
49) 1,4-Dioxane	7.76	88	119248	1107.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2097834	281.43	ug/l	100
52) Toluene	8.79	92	511490	49.62	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285241	48.98	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	301971	48.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	209445	49.73	ug/l	99
56) Ethyl methacrylate	9.18	69	328708	53.79	ug/l	100
57) 1,3-Dichloropropane	9.37	76	354232	50.25	ug/l	100
59) 2-Hexanone	9.50	43	1646858	295.56	ug/l	99
60) Dibromochloromethane	9.59	129	212539	54.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	221632	52.56	ug/l	99
64) Tetrachloroethene	9.34	164	189870	42.02	ug/l	95
65) Chlorobenzene	10.14	112	570387	47.73	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	203465	49.52	ug/l	98
67) Ethyl Benzene	10.26	91	968606	49.51	ug/l	99
68) m/p-Xylenes	10.36	106	767621	100.42	ug/l	97
69) o-Xylene	10.70	106	371632	51.50	ug/l	97
70) Styrene	10.71	104	613631	51.94	ug/l	98
71) Bromoform	10.86	173	172281	49.49	ug/l	99
73) Isopropylbenzene	11.02	105	985025	50.64	ug/l	96
74) N-amyl acetate	6.47	43	455851	45.07	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	341654	51.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	299130m	51.51	ug/l	
77) Bromobenzene	11.26	156	260415	50.19	ug/l	98
78) n-propylbenzene	11.36	91	1118215	51.20	ug/l	100
79) 2-Chlorotoluene	11.42	91	663928	49.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	818510	51.61	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	88182	41.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	775872	49.73	ug/l	100
83) tert-Butylbenzene	11.77	119	832568	53.36	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	851494	53.39	ug/l	99
85) sec-Butylbenzene	11.95	105	970041	52.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	842385	50.98	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	465778	48.56	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	467351	50.82	ug/l	99
89) n-Butylbenzene	12.39	91	670300	46.55	ug/l	99
90) Hexachloroethane	12.60	117	128623	47.94	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	440735	46.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	69976	51.24	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	337734	49.39	ug/l	99

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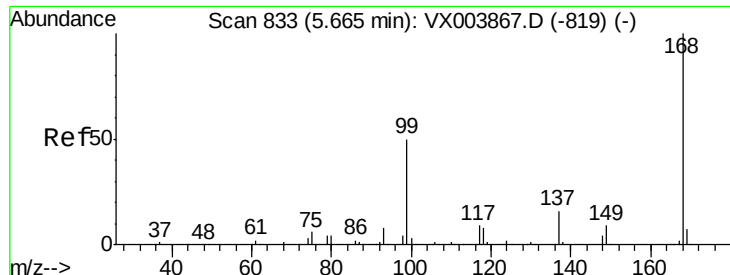
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	158350	52.47	ug/l	99
95) Naphthalene	13.83	128	1452464	74.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367771	53.90	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

MW-103SMSD

Tot Ion:168 Resp: 324665

Ion Ratio Lower Upper

168 100

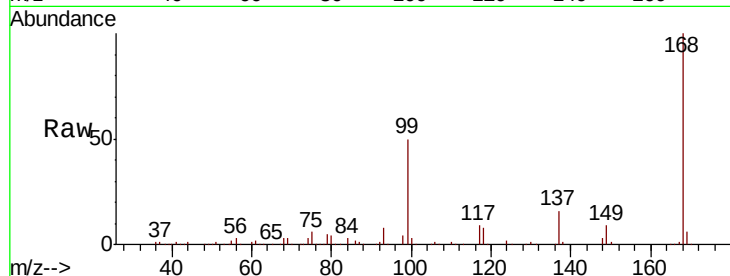
99 49.6 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

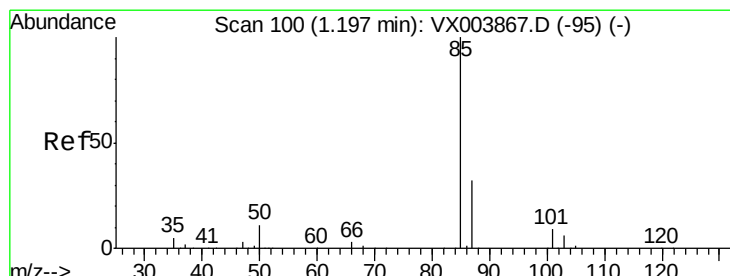
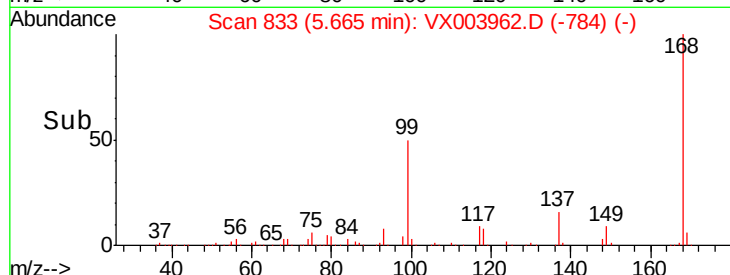
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.61 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003962.D

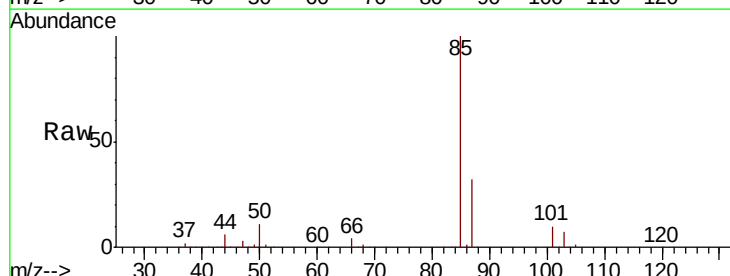
Acq: 09 Aug 2018 20:23

Tgt Ion: 85 Resp: 153344

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

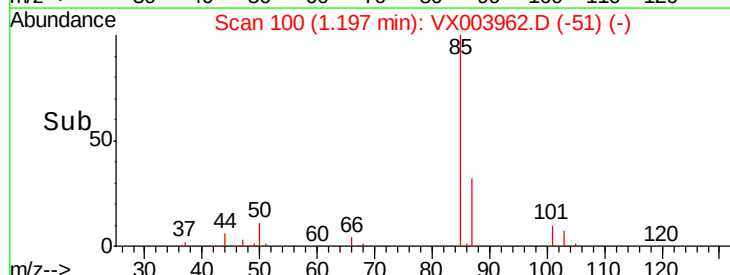
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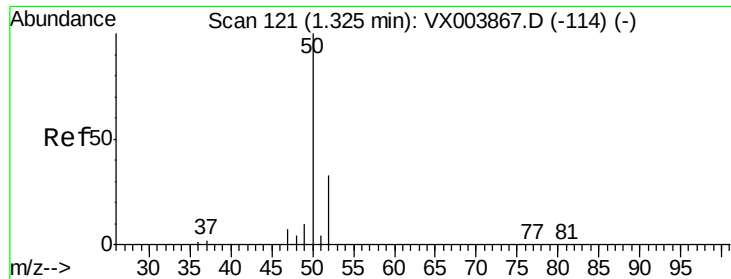
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 50 Resp: 184046

Ion Ratio Lower Upper

50 100

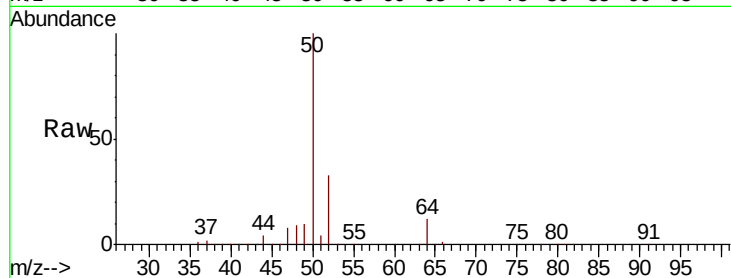
52 32.7 26.6 39.8

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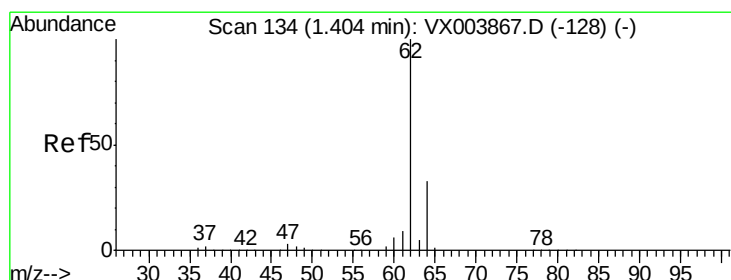
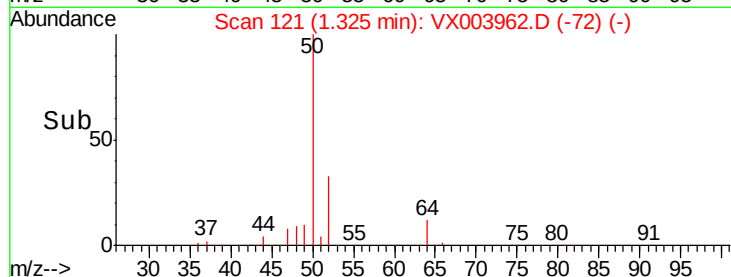
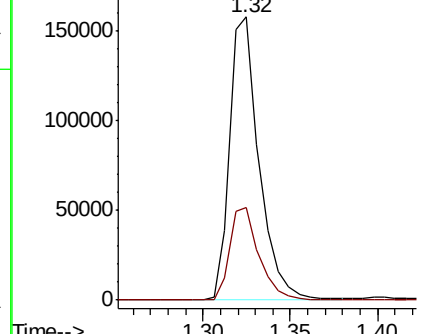
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003962.D

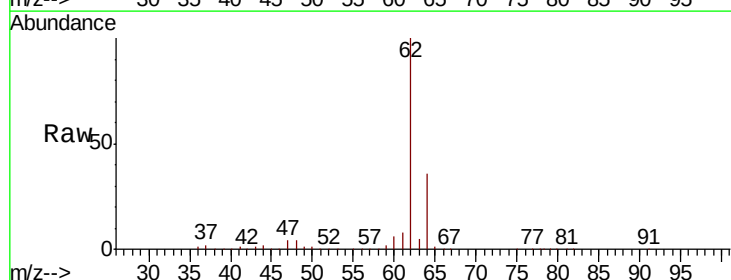
Acq: 09 Aug 2018 20:23

Tgt Ion: 62 Resp: 206605

Ion Ratio Lower Upper

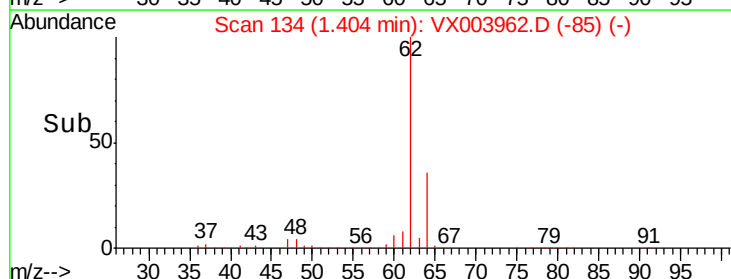
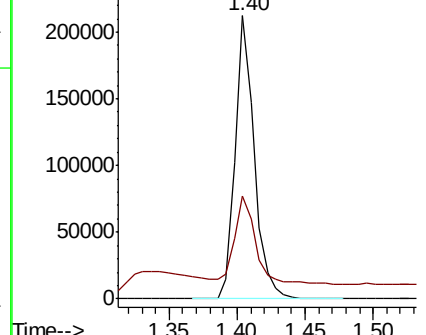
62 100

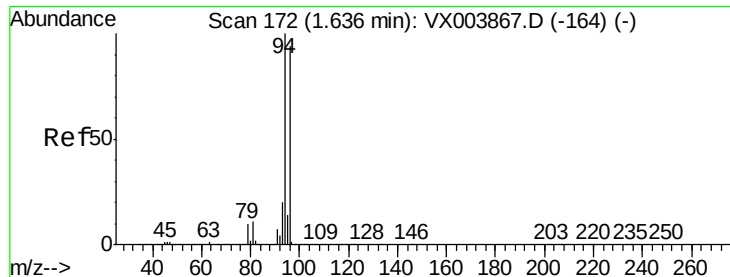
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 94 Resp: 79654

Ion Ratio Lower Upper

94 100

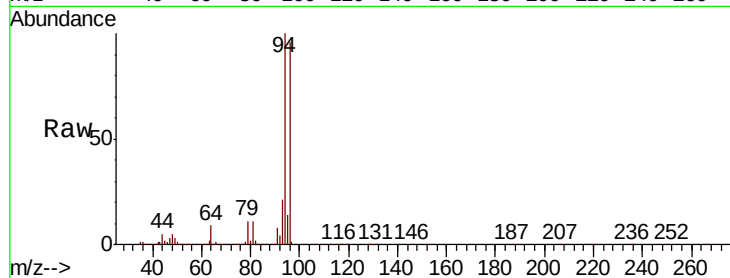
96 95.6 75.2 112.8

Manual Integrations

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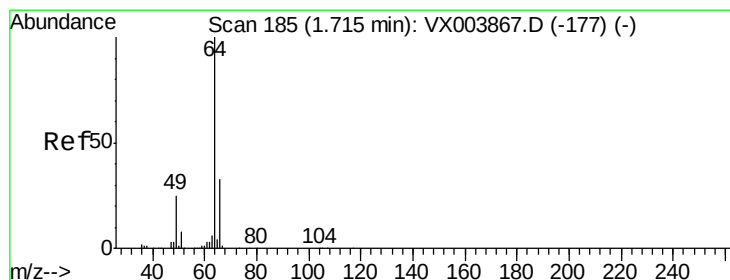
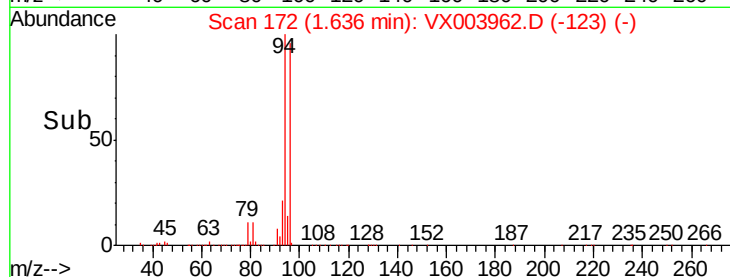
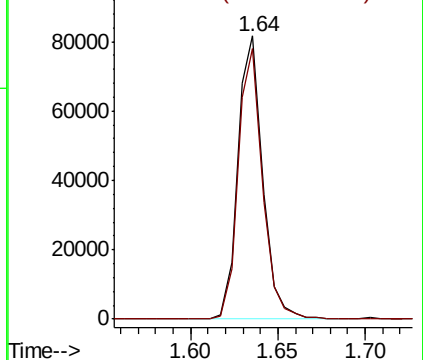
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.28 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX003962.D

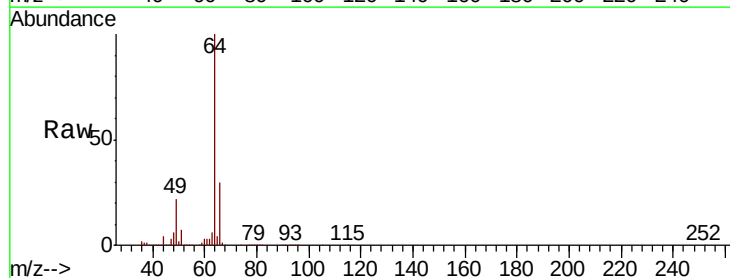
Acq: 09 Aug 2018 20:23

Tgt Ion: 64 Resp: 155036

Ion Ratio Lower Upper

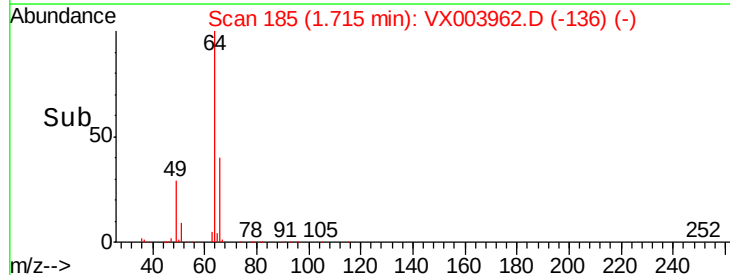
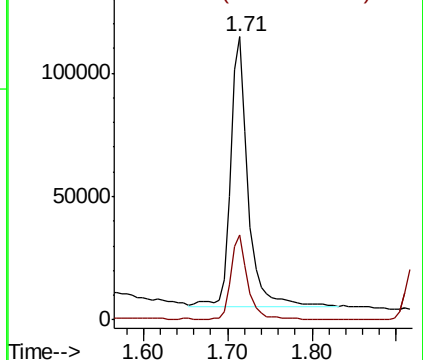
64 100

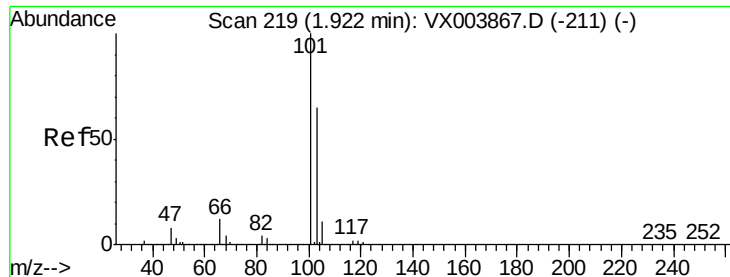
66 31.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

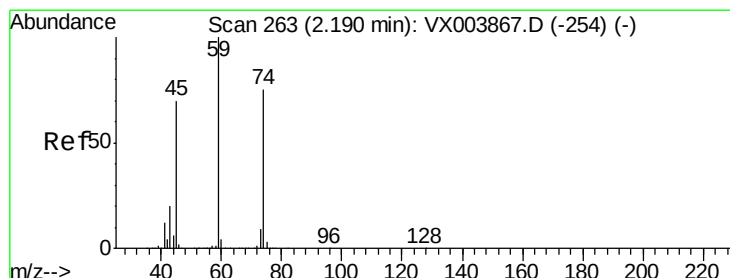
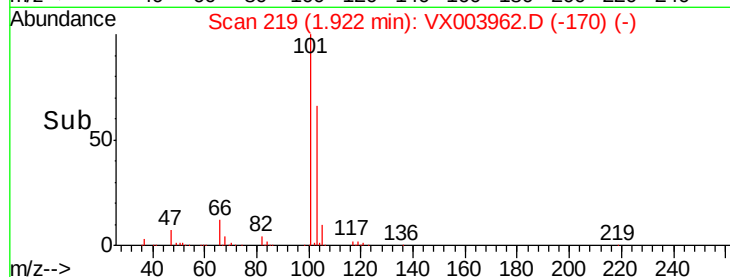
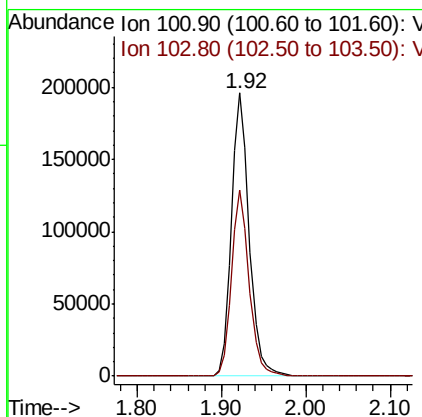
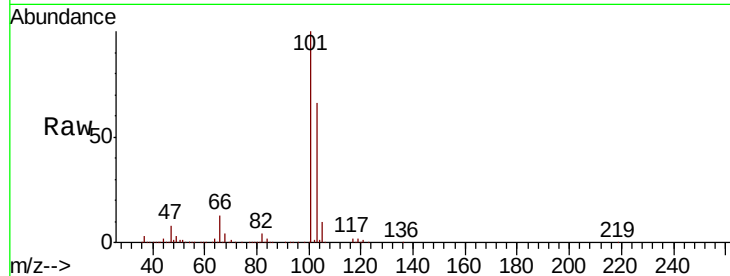
Trichlorofluoromethane
Concen: 47.77 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
281556	101	100			
	103	65.8	52.3	78.5	

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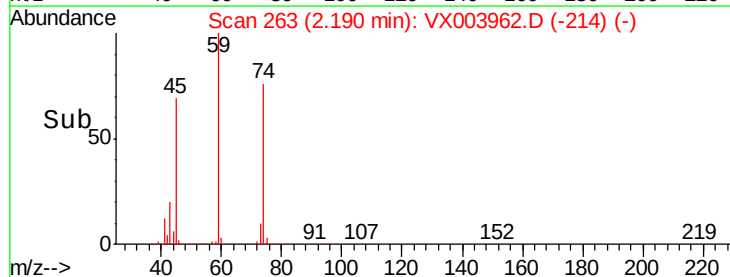
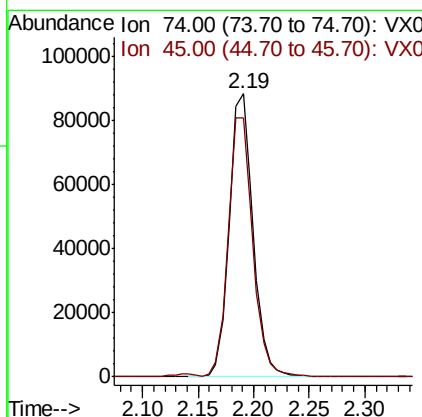
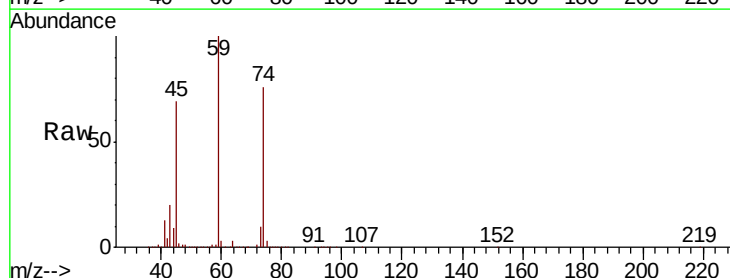
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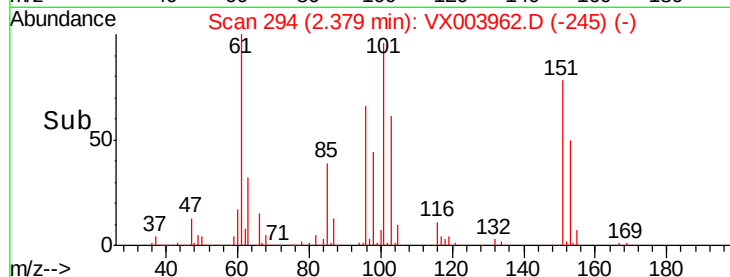
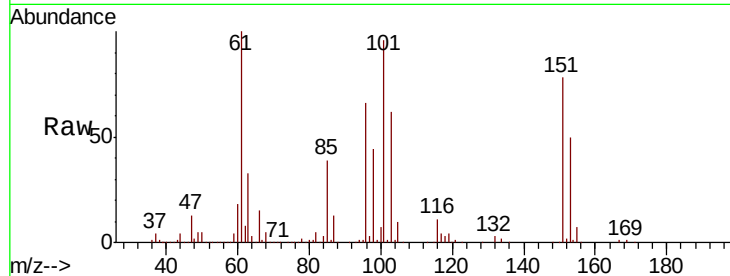
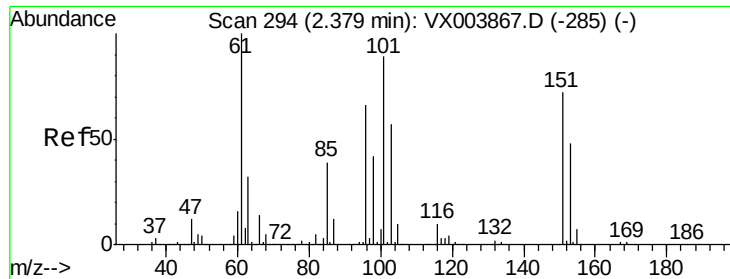


#8

Diethyl Ether
Concen: 49.29 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
130578	74	100			
	45	94.0	48.3	144.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.67 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

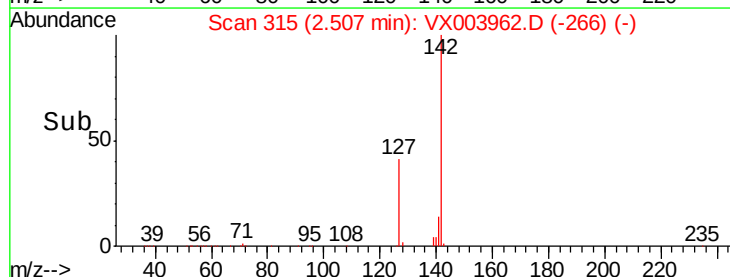
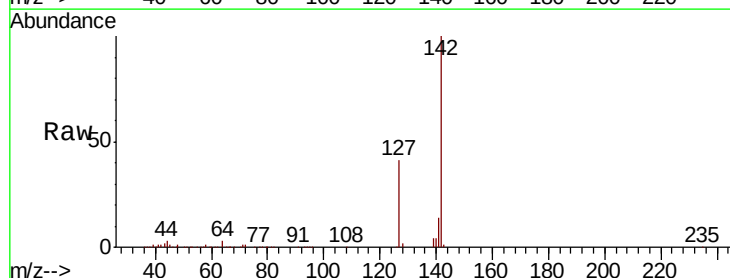
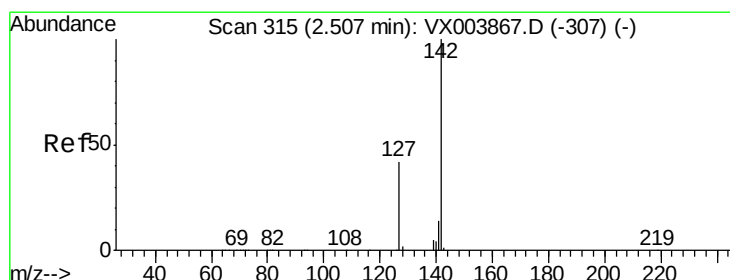
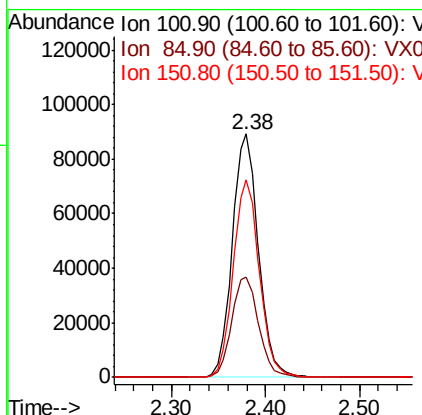
ClientSampleId :

MW-103SMSD

Tot Ion:	101	Resp:	171930
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	81.4	65.0	97.4

Manual Integrations
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MMDadoda
8/10/2018 10:56:39 AM



#10

Methyl Iodide

Concen: 31.90 ug/l

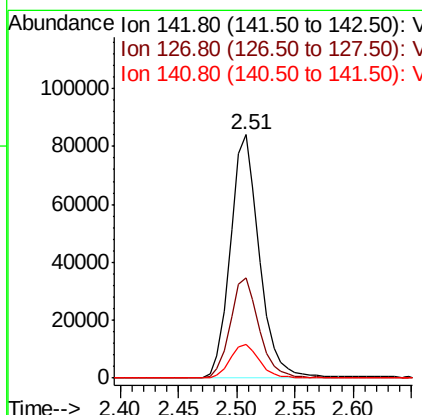
RT: 2.51 min Scan# 315

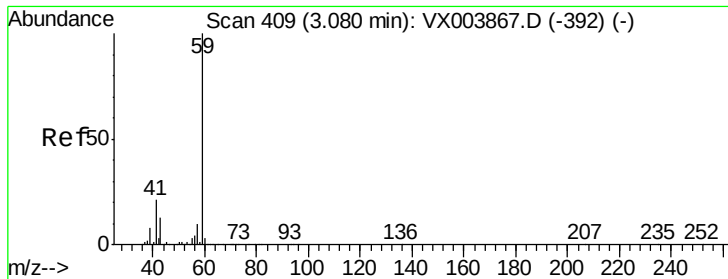
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	142	Resp:	146182
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.1	49.7
141	14.2	11.1	16.7





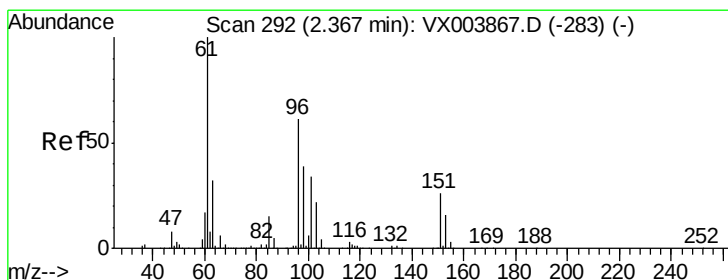
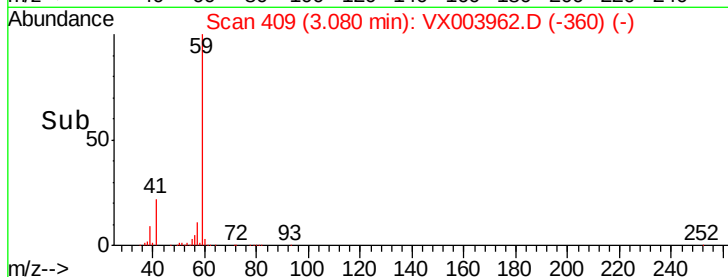
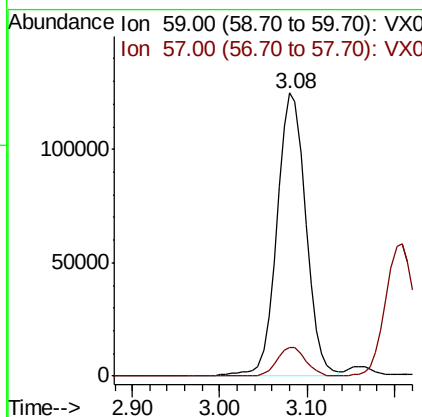
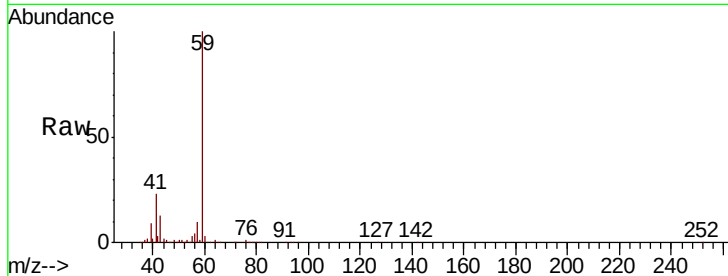
#11
Tert butyl alcohol
Concen: 278.93 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

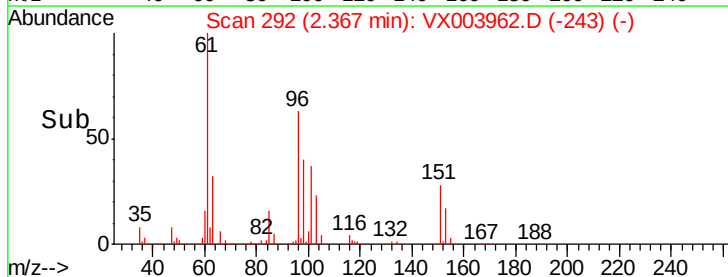
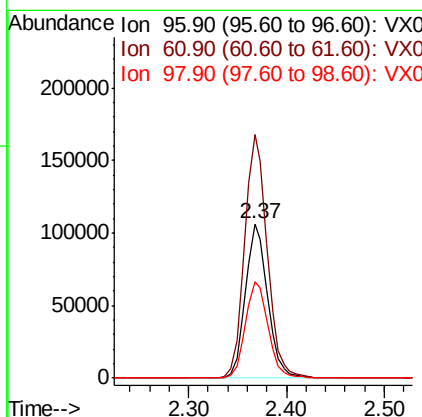
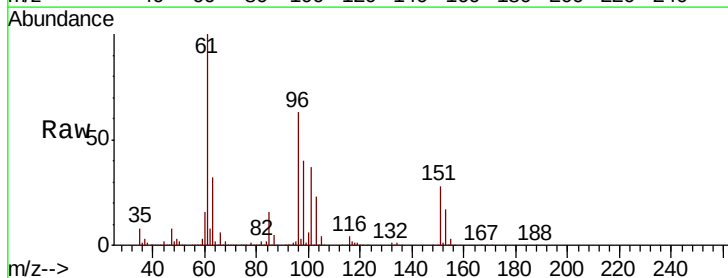
Manual Integrations
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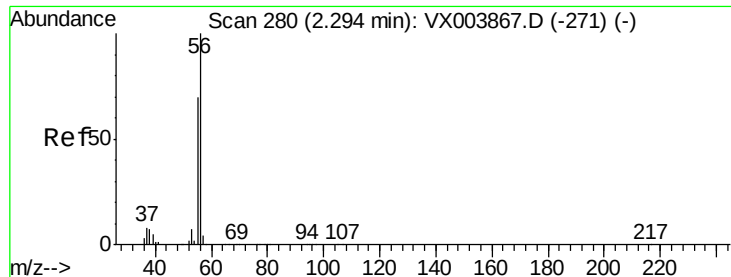
MMDadoda
8/10/2018 10:56:39 AM



#12
1,1-Dichloroethene
Concen: 48.23 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	131.3	196.9
98	62.6	51.8	77.6





#13

Acrolein

Concen: 200.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 56 Resp: 107480

Ion Ratio Lower Upper

56 100

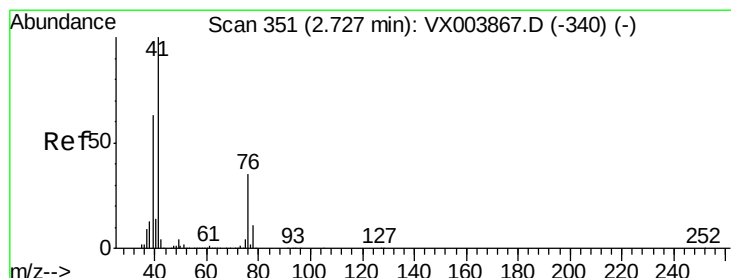
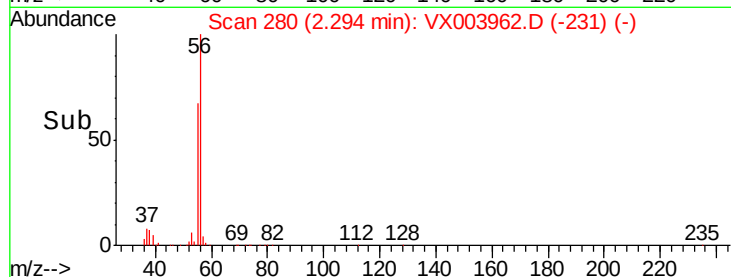
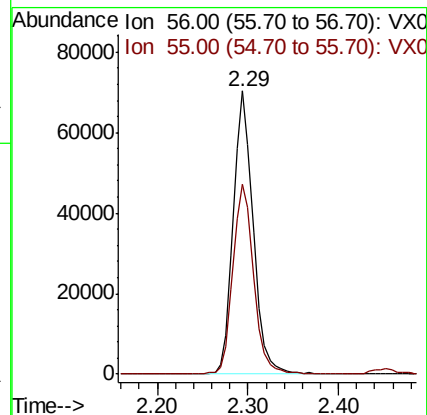
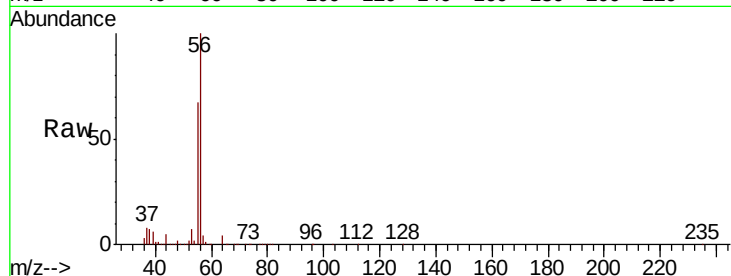
55 69.3 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 47.35 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

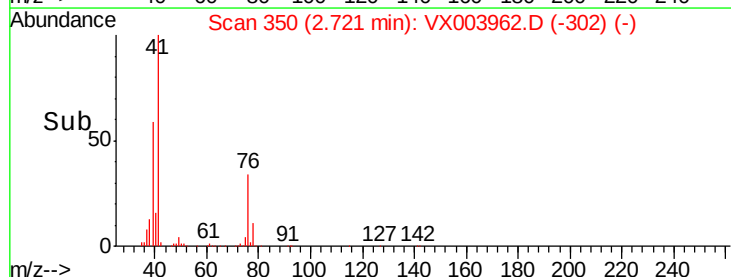
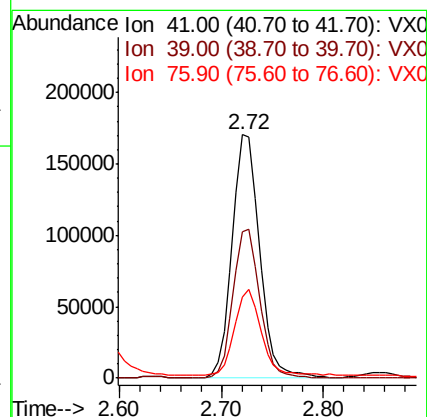
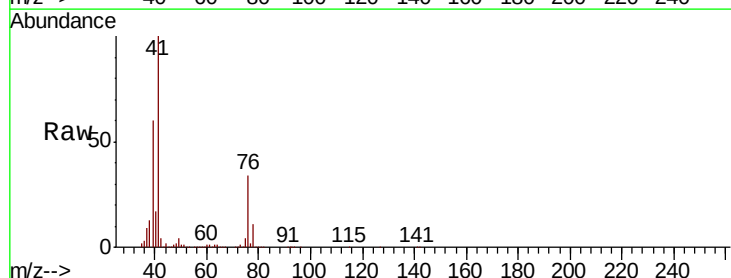
Tgt Ion: 41 Resp: 318062

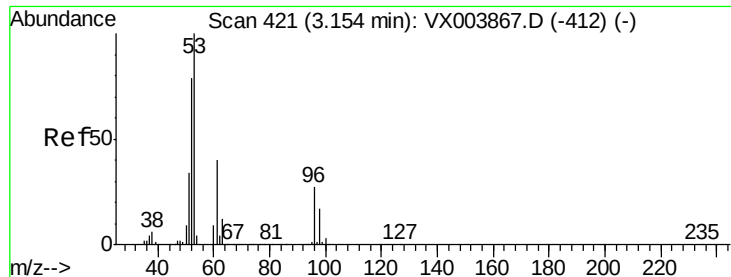
Ion Ratio Lower Upper

41 100

39 59.4 47.4 71.0

76 38.2 26.0 39.0





#15

Acrylonitrile

Concen: 254.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

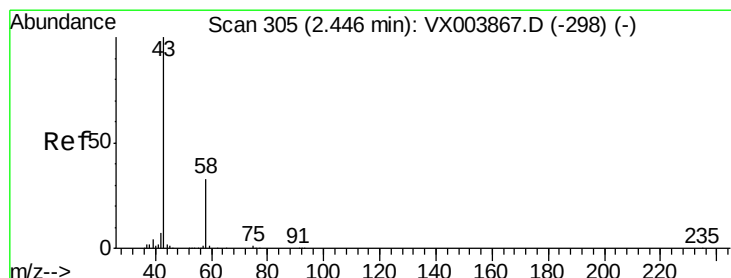
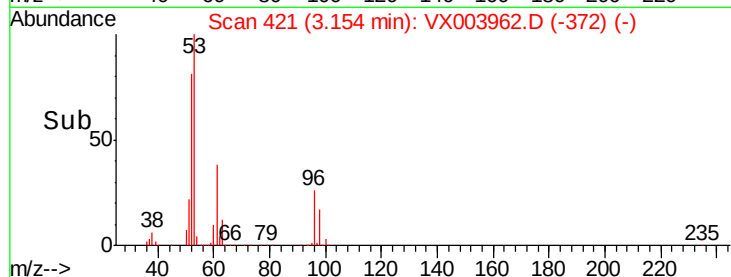
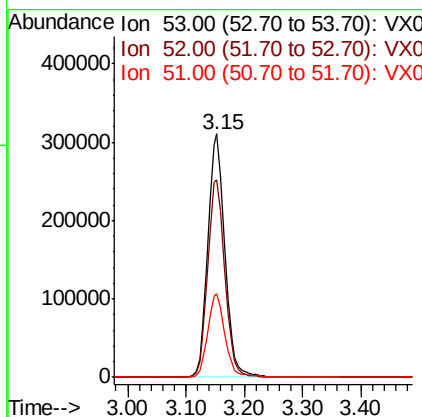
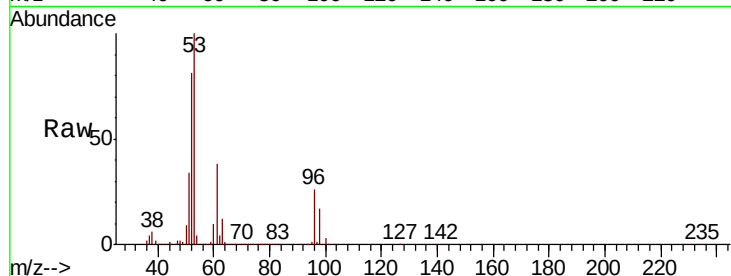
ClientSampleId :

MW-103MSMD

Tot Ion:	53	Resp:	628710
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.3	97.9
51	34.8	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 256.08 ug/l

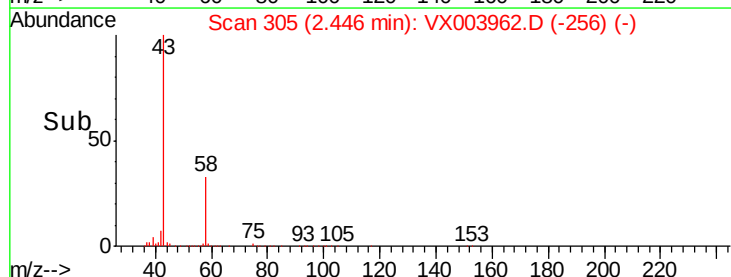
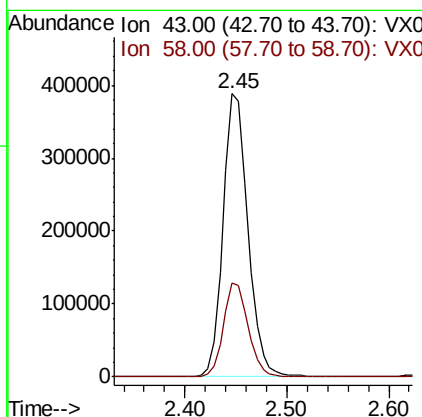
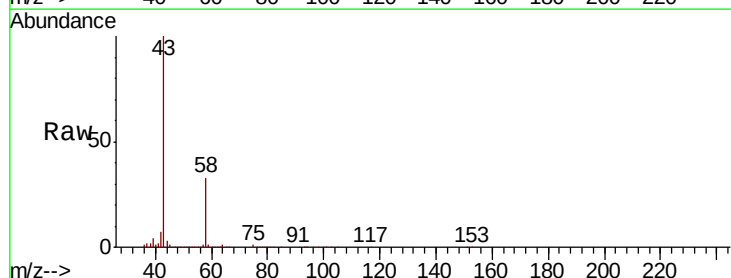
RT: 2.45 min Scan# 305

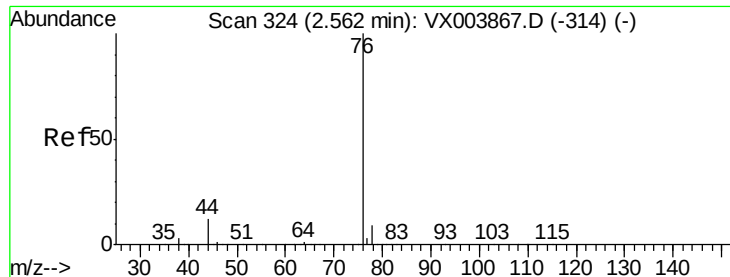
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	43	Resp:	655663
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.4	39.6





#17

Carbon Disulfide

Concen: 48.45 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103MSMD

Tot Ion: 76 Resp: 478380

Ion Ratio Lower Upper

76 100

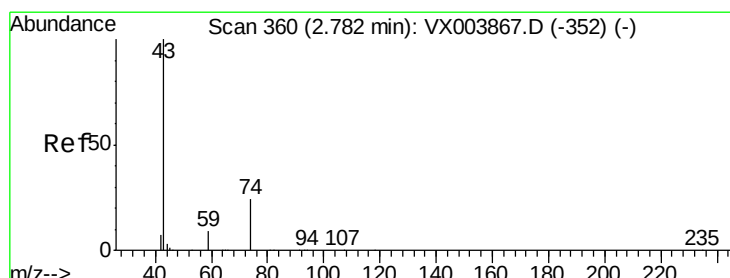
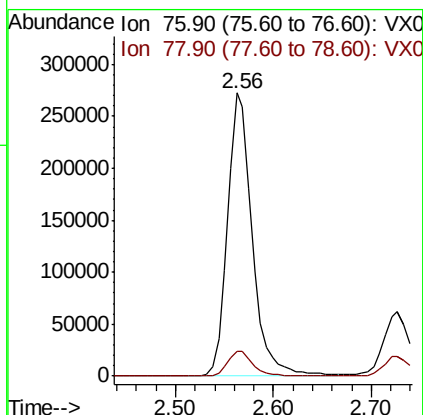
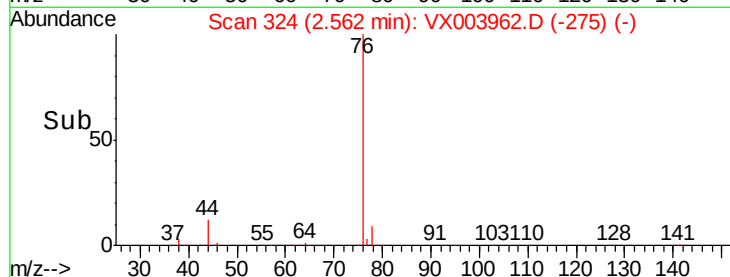
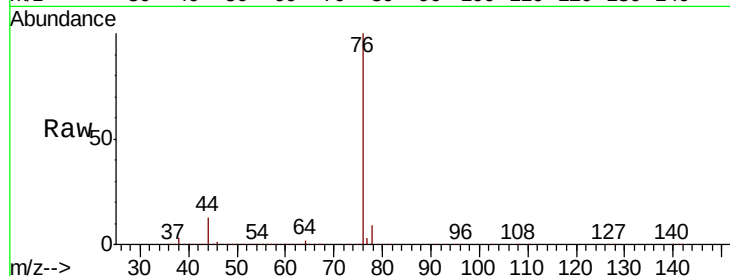
78 8.9 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 50.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003962.D

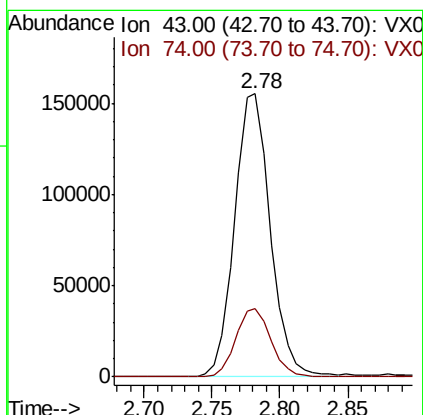
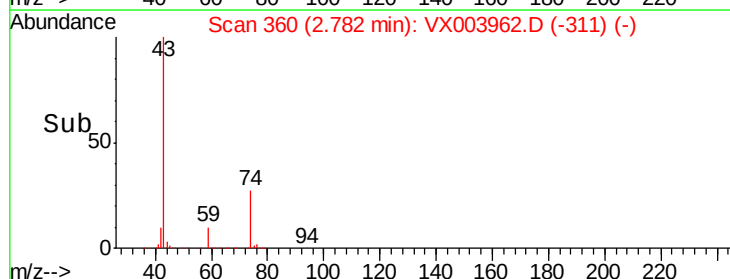
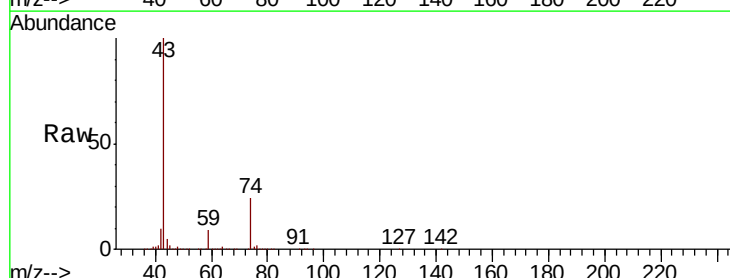
Acq: 09 Aug 2018 20:23

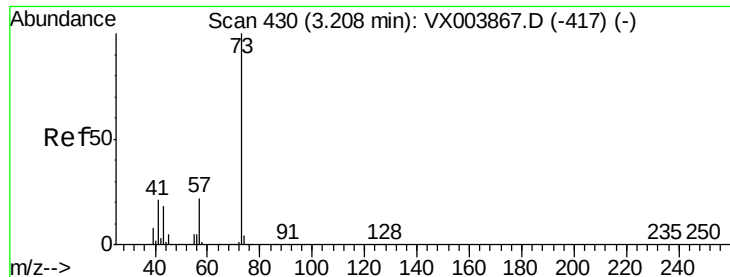
Tgt Ion: 43 Resp: 282581

Ion Ratio Lower Upper

43 100

74 24.2 18.9 28.3





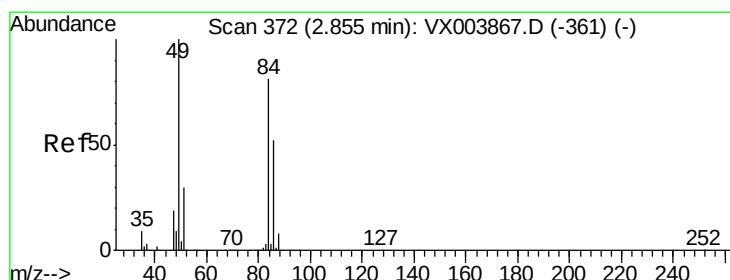
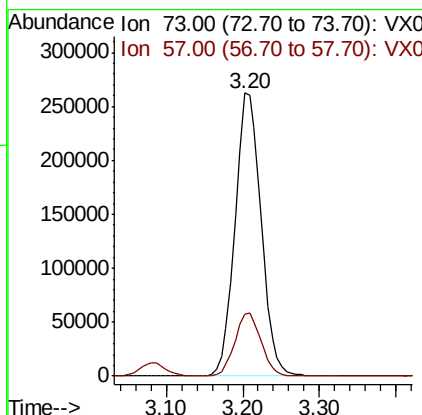
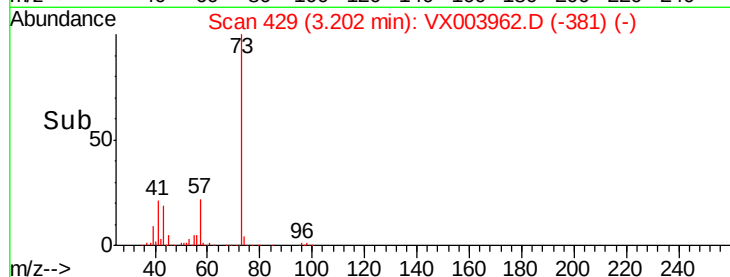
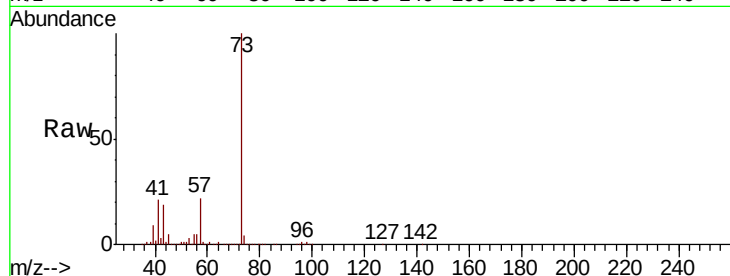
#19
Methyl tert-butyl Ether
Concen: 50.09 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.0	27.0

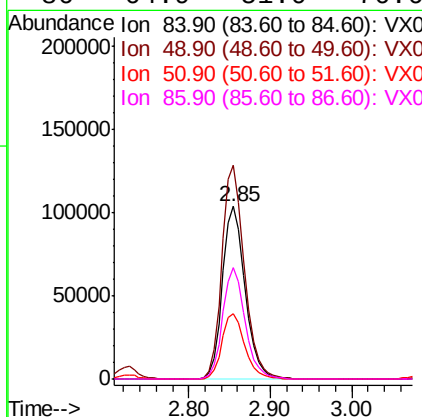
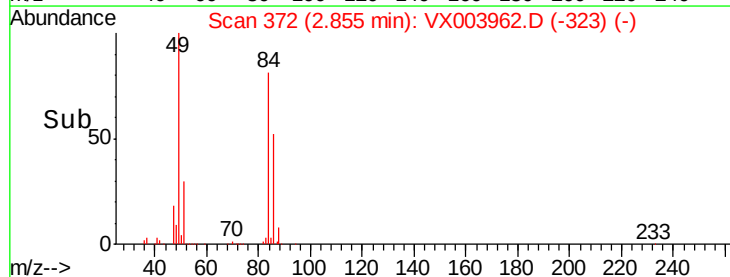
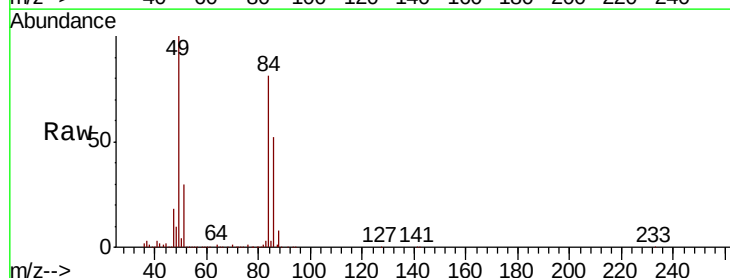
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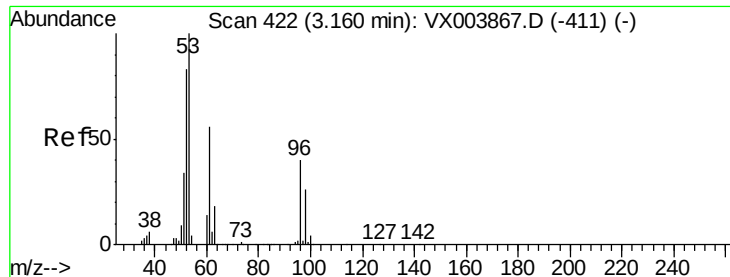
MMDadoda
8/10/2018 10:56:39 AM



#20
Methylene Chloride
Concen: 49.53 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	98.9	148.3
51	37.5	29.9	44.9
86	64.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 46.80 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

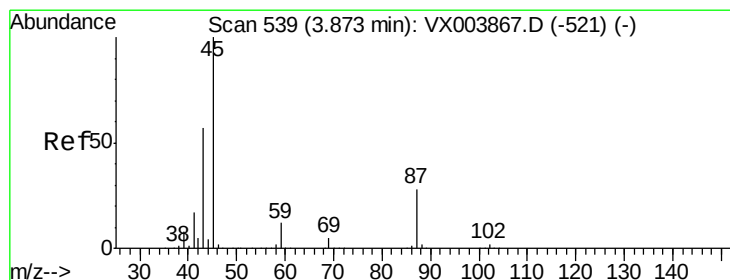
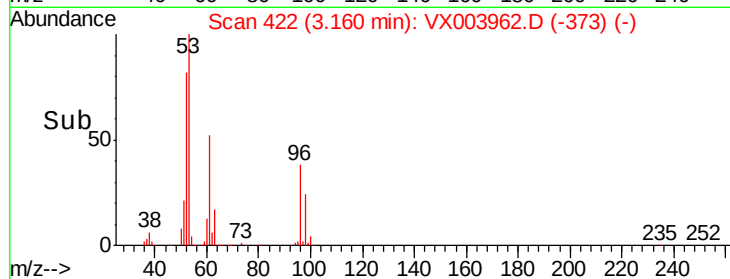
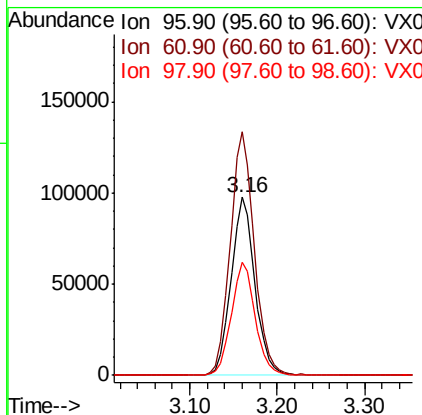
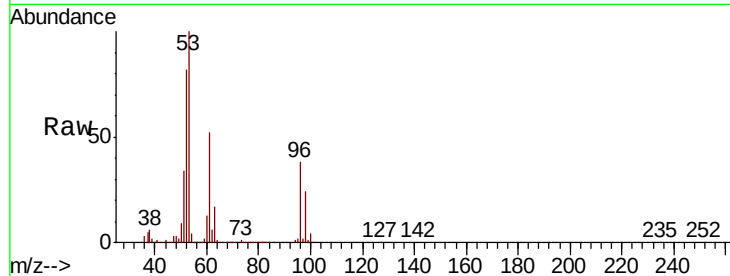
MW-103SMSD

Tot Ion: 96 Resp: 185146

Ion	Ratio	Lower	Upper
96	100		
61	136.4	111.8	167.6
98	63.6	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.82 ug/l

RT: 3.87 min Scan# 539

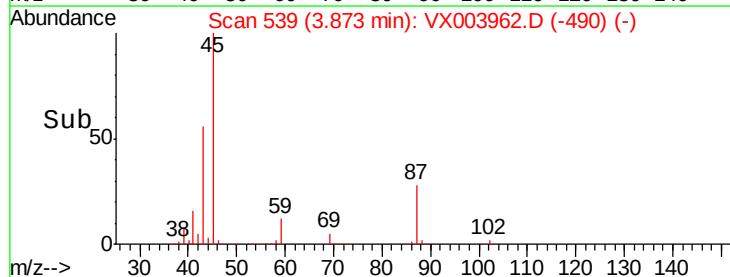
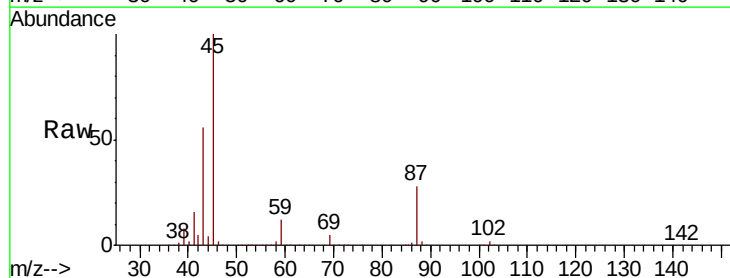
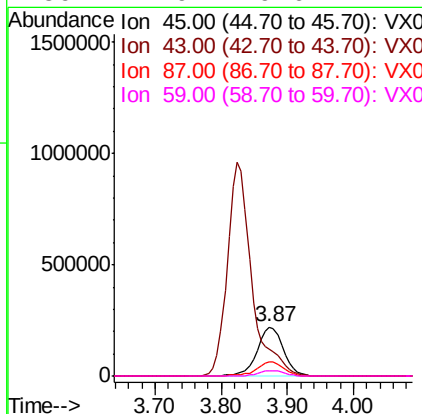
Delta R.T. -0.00 min

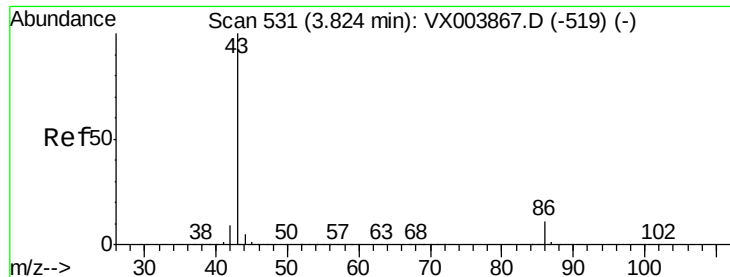
Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion: 45 Resp: 602811

Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.3	67.9
87	28.4	22.7	34.1
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 238.92 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 43 Resp: 2454615

Ion Ratio Lower Upper

43 100

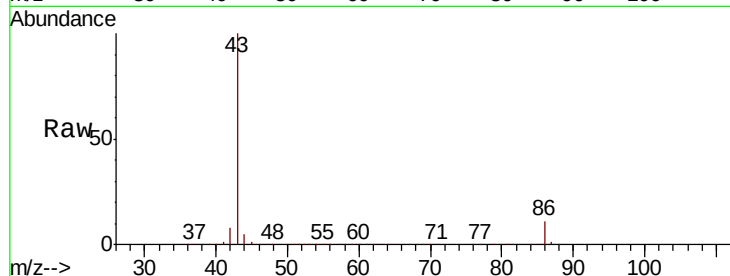
86 11.5 8.9 13.3

Manual Integrations

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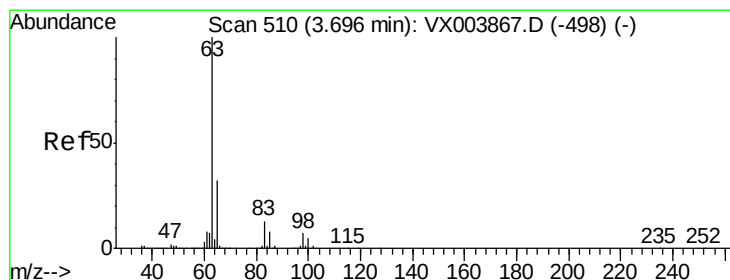
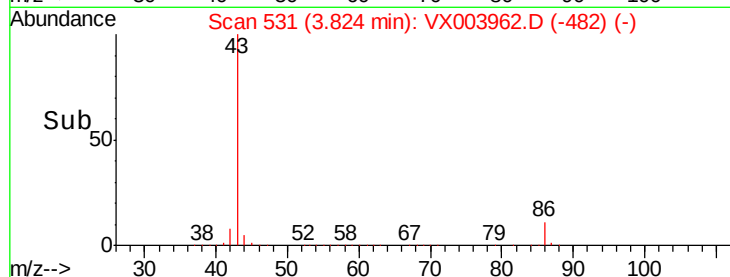
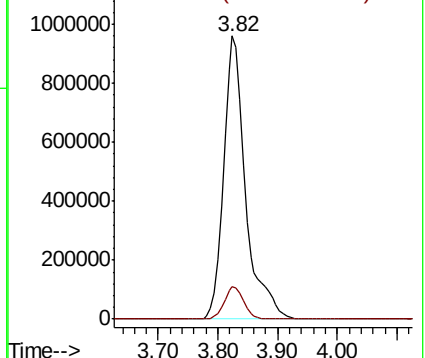
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

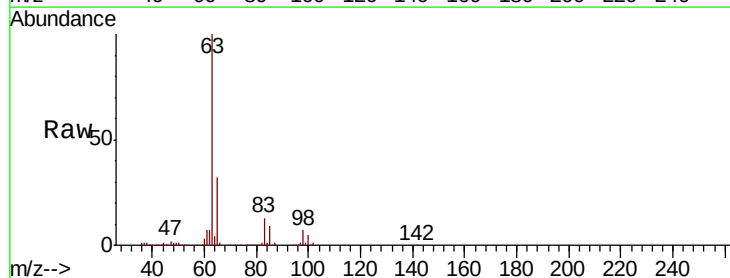
Tgt Ion: 63 Resp: 357921

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

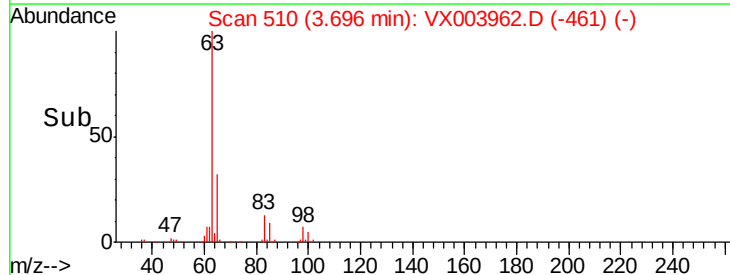
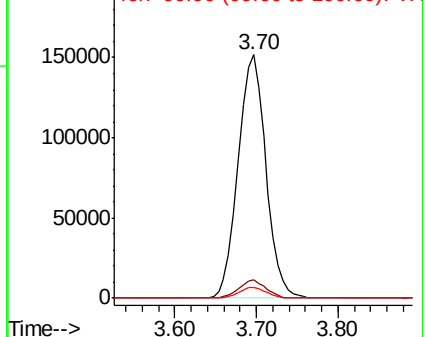
100 4.5 2.3 6.8

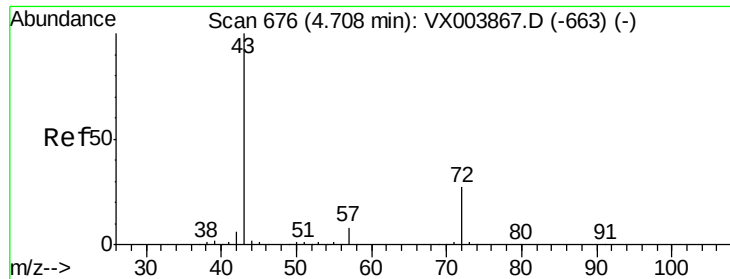


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 273.95 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 43 Resp: 1054604

Ion Ratio Lower Upper

43 100

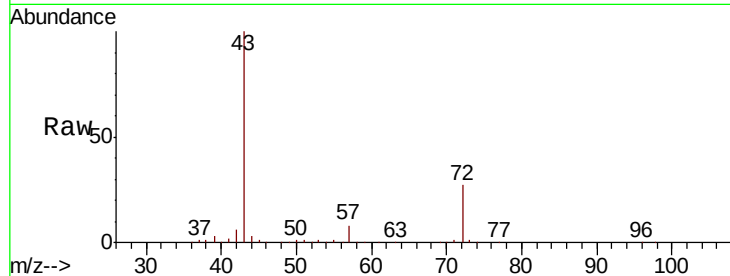
72 27.3 21.4 32.0

Manual Integrations

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8/10/2018 10:56:39 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

400000

300000

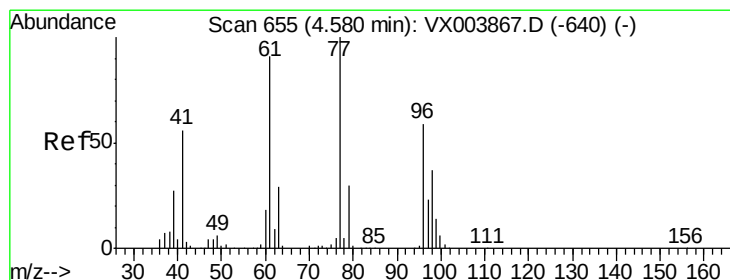
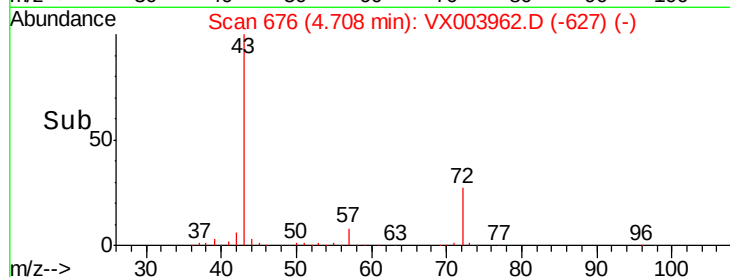
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.61 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003962.D

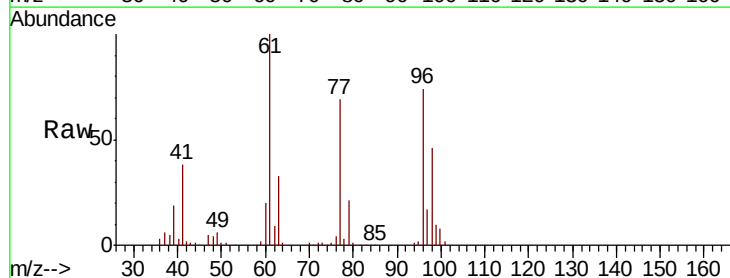
Acq: 09 Aug 2018 20:23

Tgt Ion: 77 Resp: 193645

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

60000

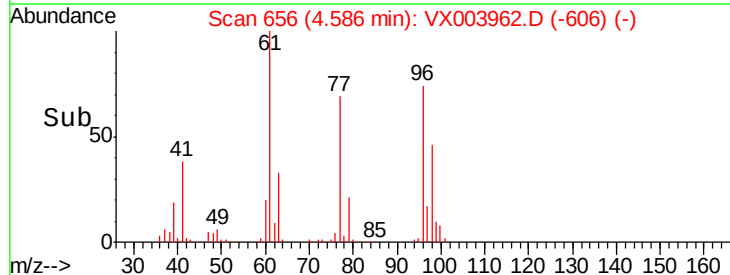
40000

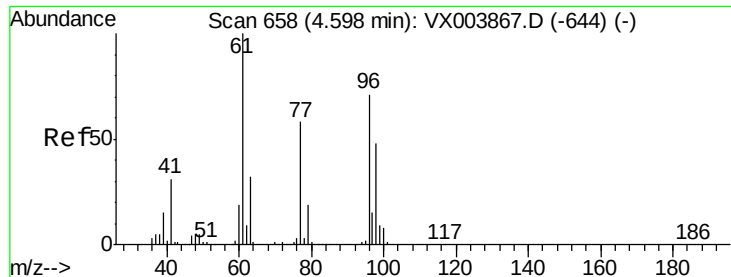
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.84 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

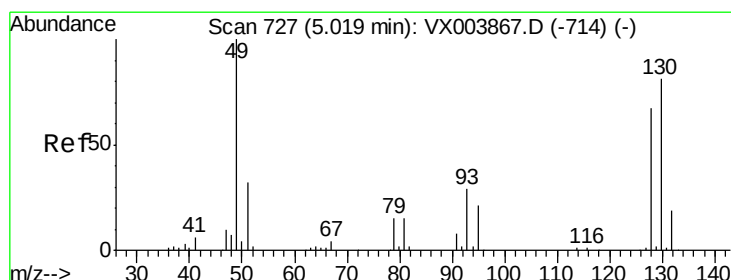
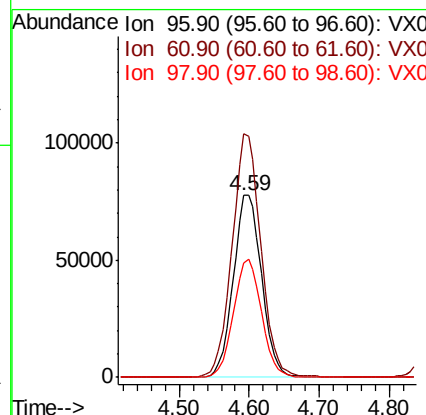
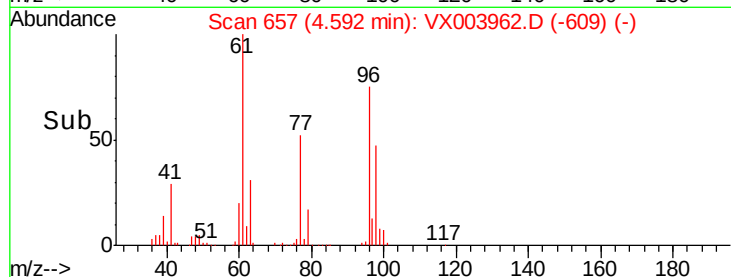
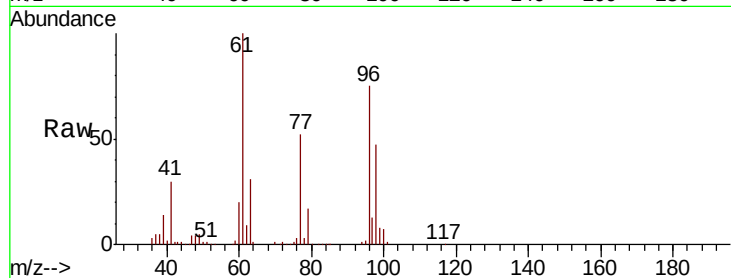
ClientSampleId :

MW-103SMSD

Tot Ion:	96	Resp:	218229
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	293.0
98	64.0	0.0	131.8

Manual Integrations
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MMDadoda
8/10/2018 10:56:39 AM



#28

Bromochloromethane

Concen: 50.47 ug/l

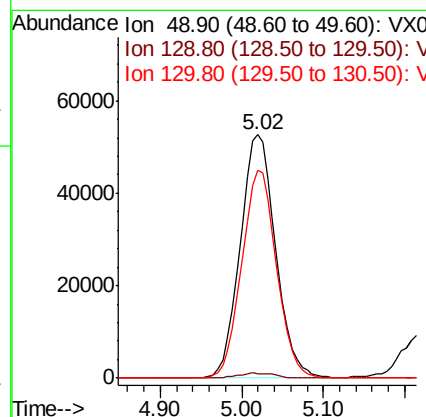
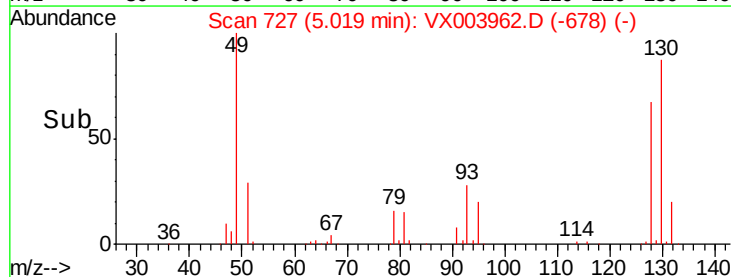
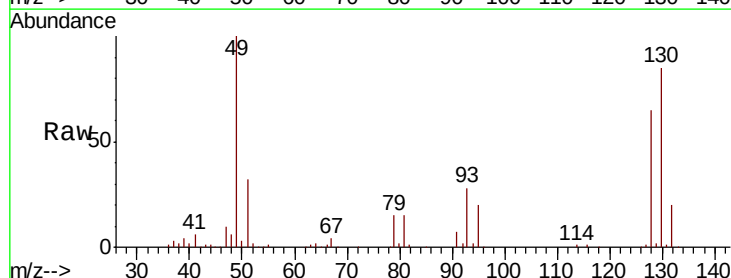
RT: 5.02 min Scan# 727

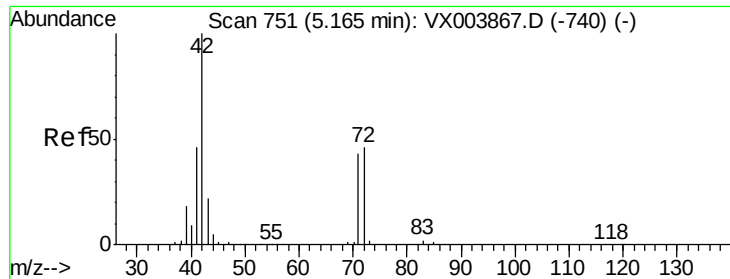
Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	49	Resp:	158401
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	84.1	66.5	99.7





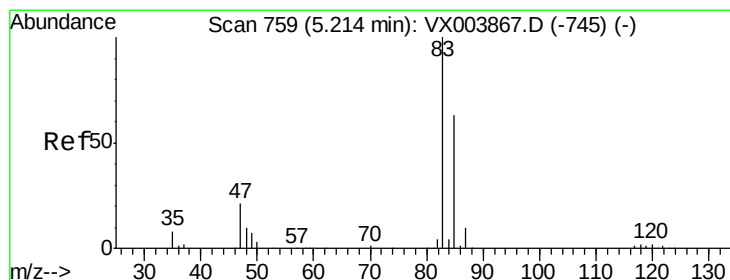
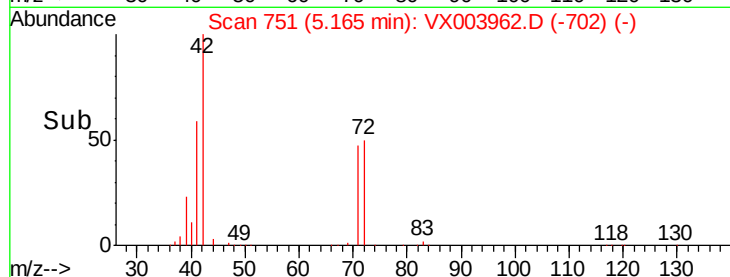
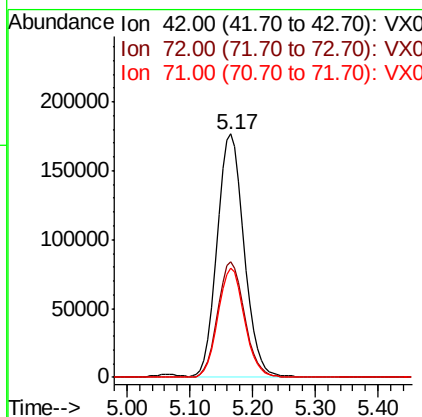
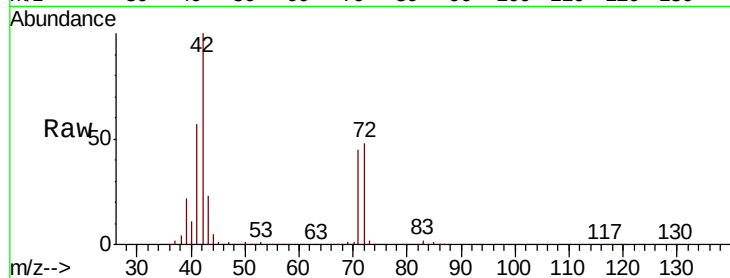
#29
Tetrahydrofuran
Concen: 265.93 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.7	56.5
71	44.0	35.0	52.6

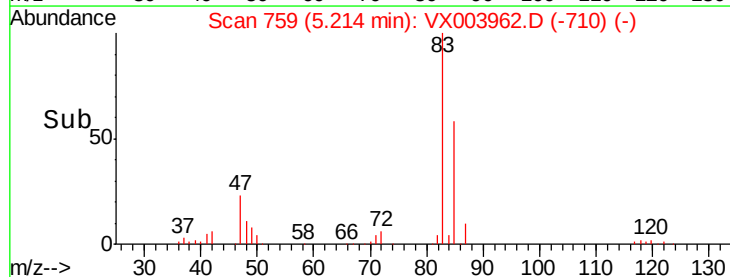
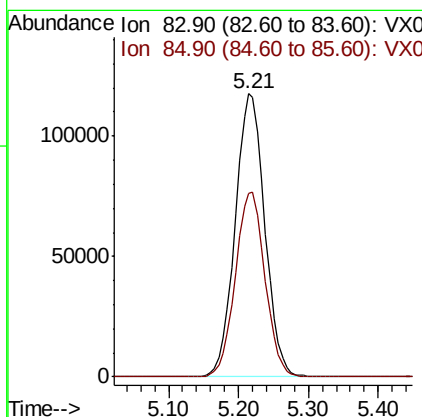
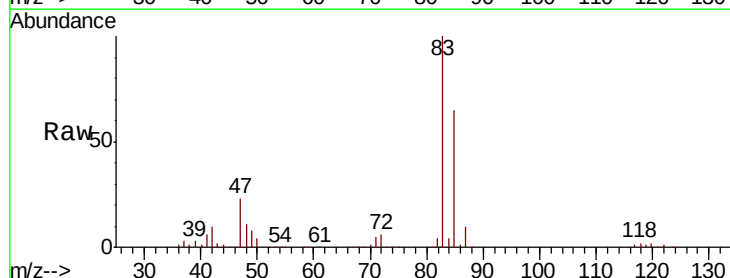
Manual Integrations
APPROVED

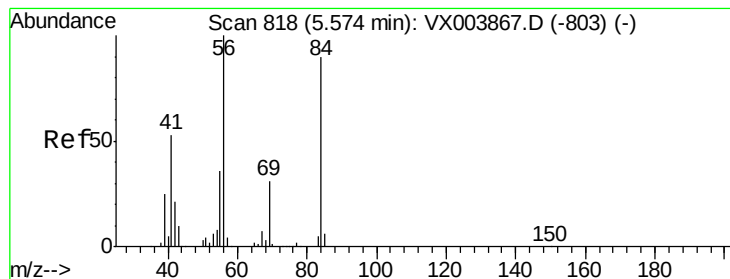
MMDadoda
8/10/2018 10:56:39 AM



#30
Chloroform
Concen: 49.87 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.7	76.1





#31

Cyclohexane

Concen: 47.98 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

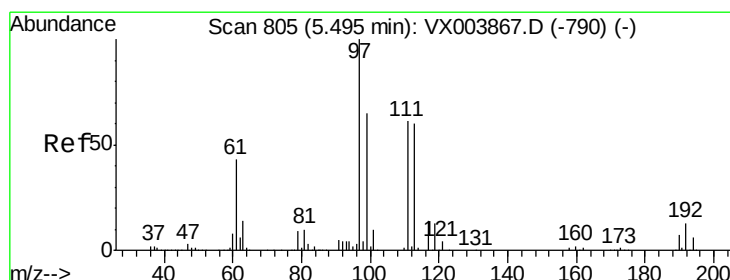
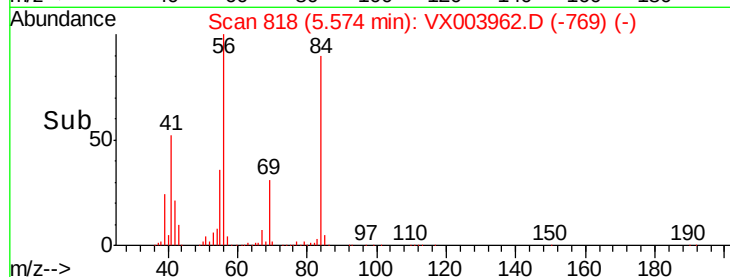
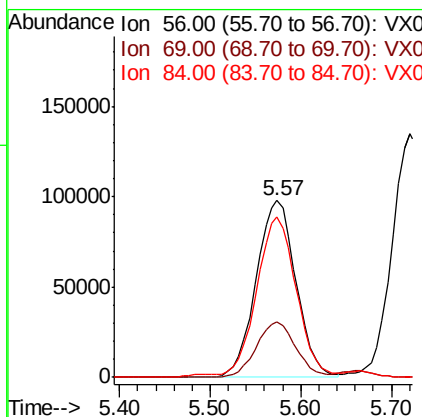
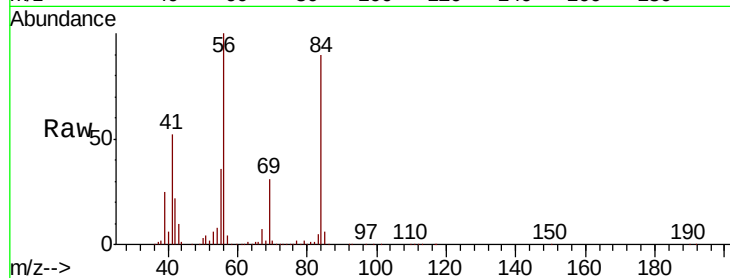
ClientSampleId :

MW-103MSMD

Tot Ion:	56	Resp:	297601
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.9	37.3
84	89.3	71.7	107.5

Manual Integrations
APPROVED

MMDadoda
8/10/2018 10:56:39 AM



#32

1,1,1-Trichloroethane

Concen: 50.66 ug/l

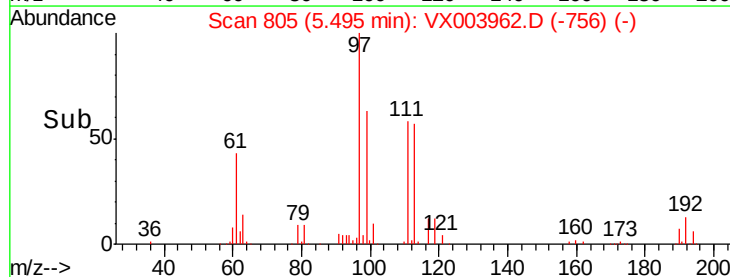
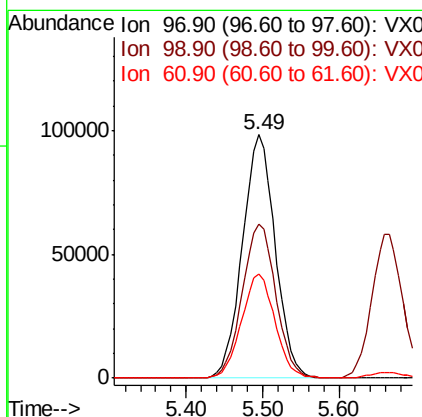
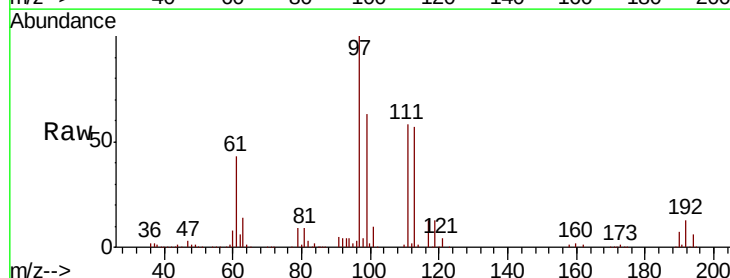
RT: 5.49 min Scan# 805

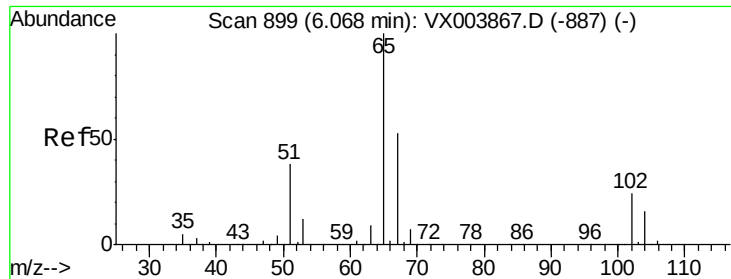
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	97	Resp:	293349
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	43.7	34.4	51.6





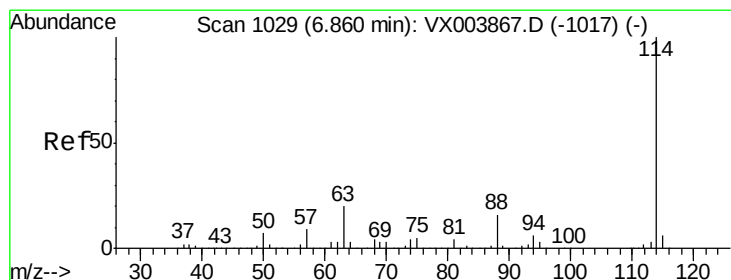
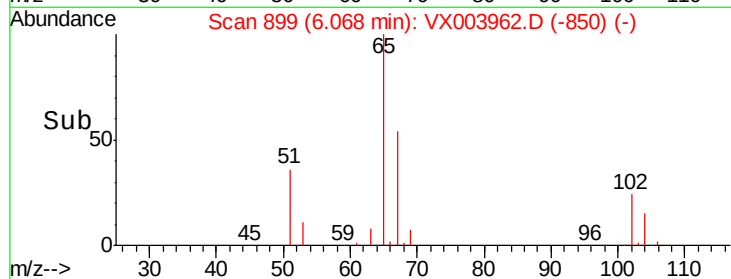
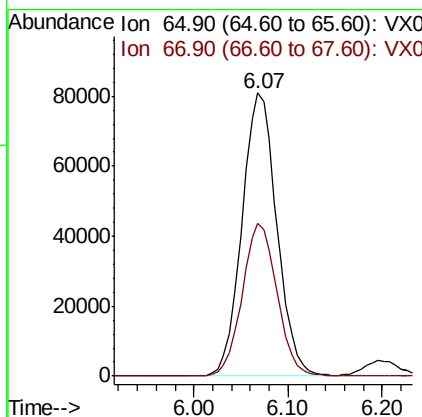
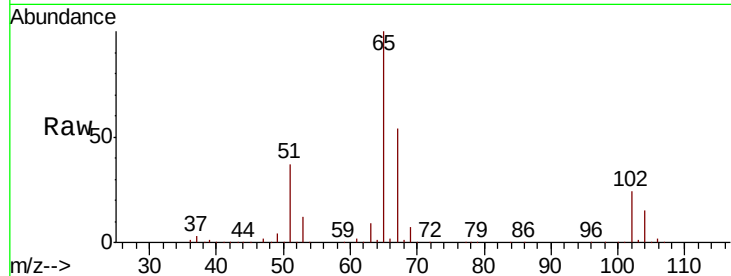
#33
 1,2-Dichloroethane-d4
 Concen: 48.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209713		
67	53.9	0.0	105.8	

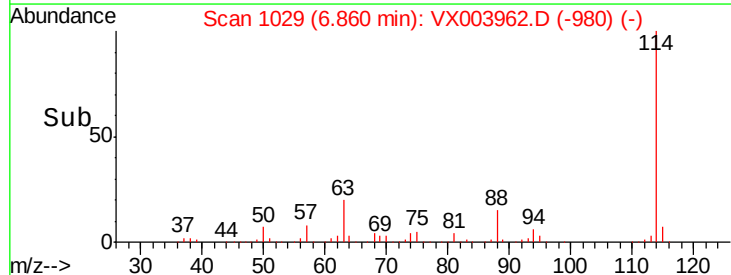
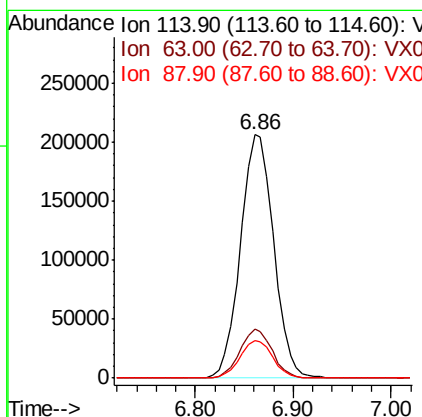
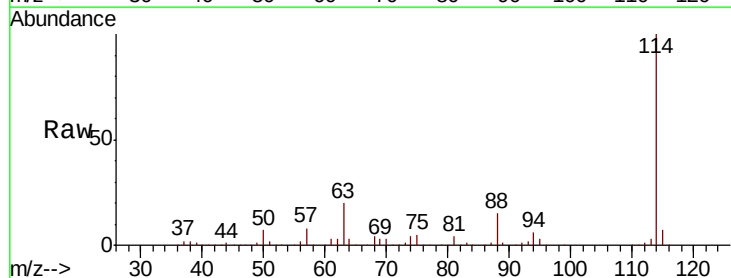
Manual Integrations
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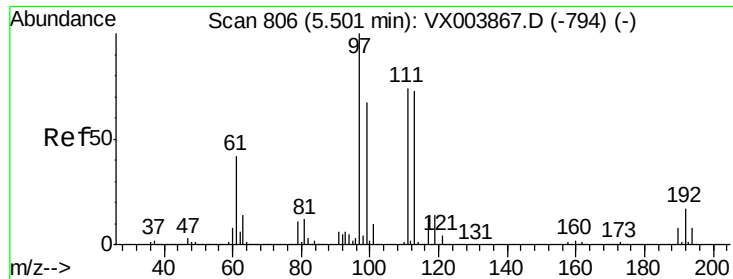
MMDadoda
 8/10/2018 10:56:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	485056		
63	20.0	0.0	39.0	
88	15.4	0.0	32.0	





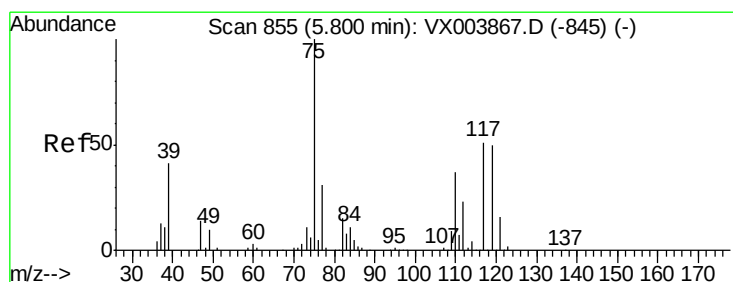
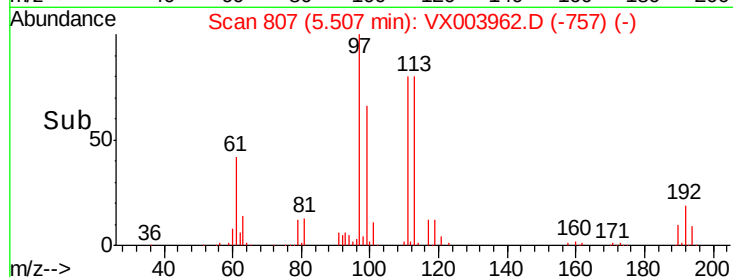
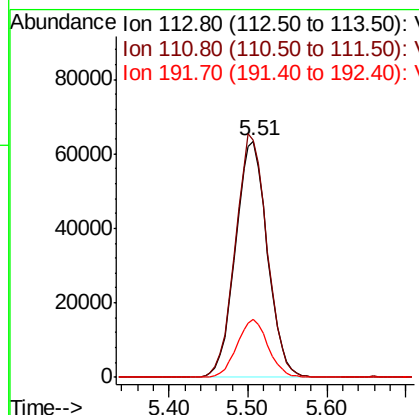
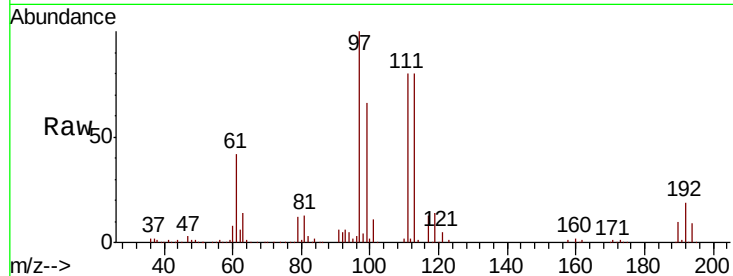
#35
 Dibromofluoromethane
 Concen: 48.47 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178106		
111	102.4	82.0	123.0	
192	23.9	19.0	28.4	

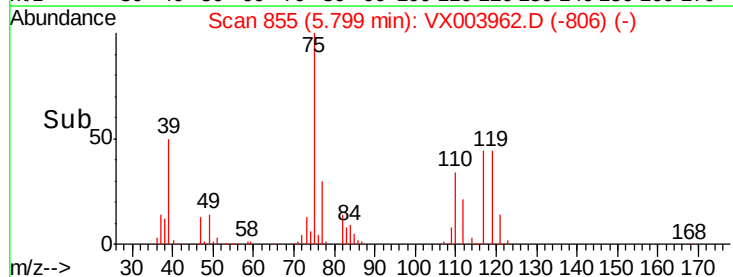
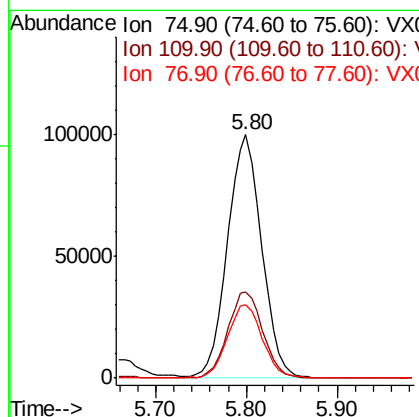
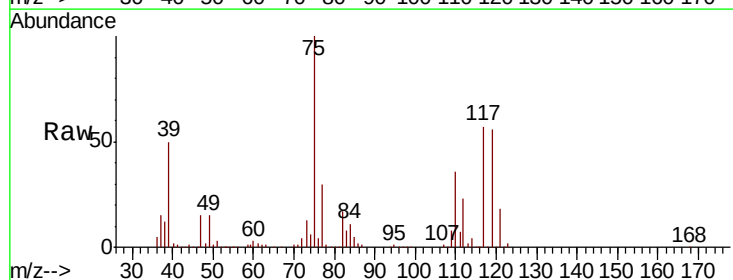
Manual Integrations
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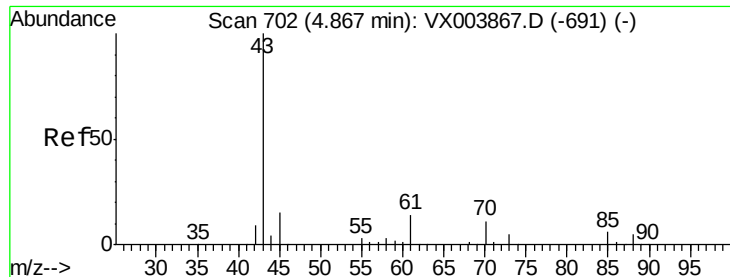
MMDadoda
 8/10/2018 10:56:39 AM



#36
 1,1-Dichloropropene
 Concen: 47.96 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	260568		
110	36.6	18.2	54.6	
77	31.5	25.0	37.4	





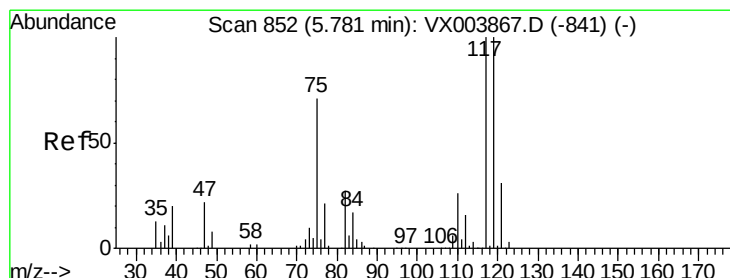
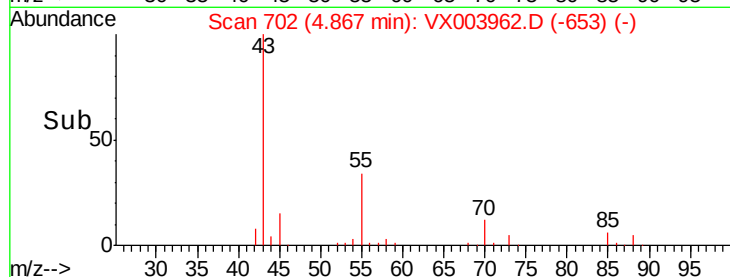
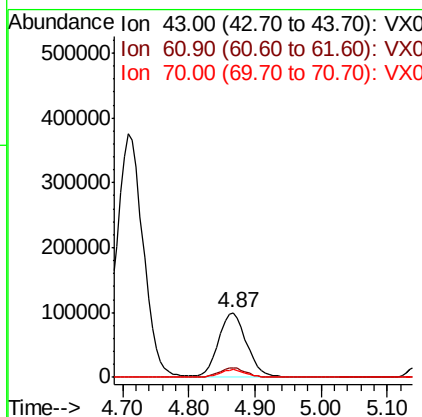
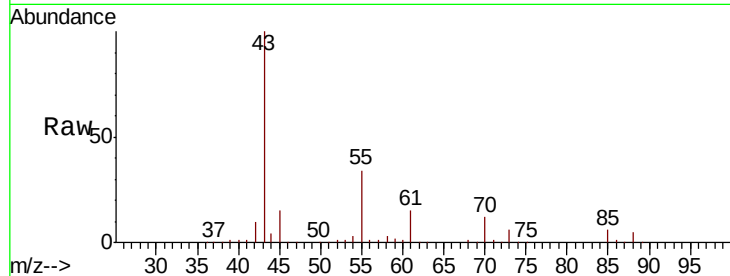
#37
Ethyl Acetate
Concen: 49.23 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion:	43	Resp:	294193
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	11.3	9.0	13.4

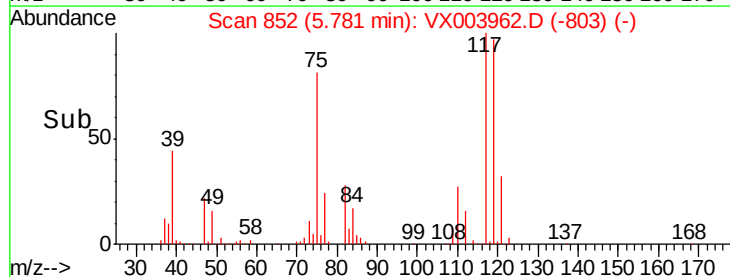
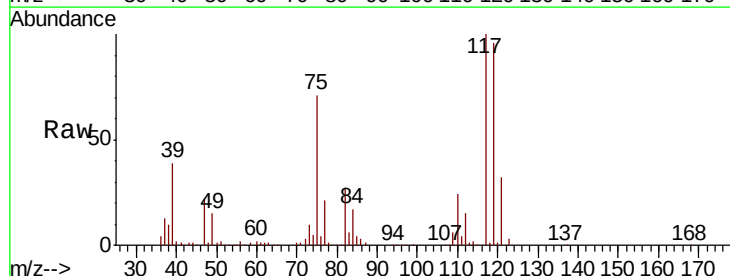
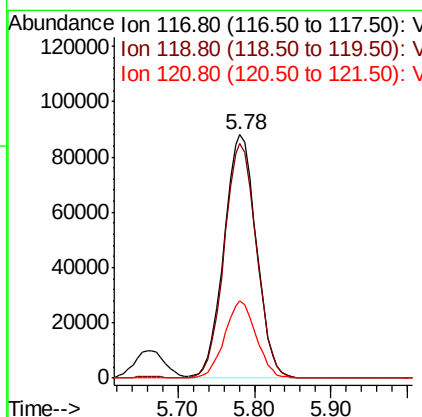
Manual Integrations
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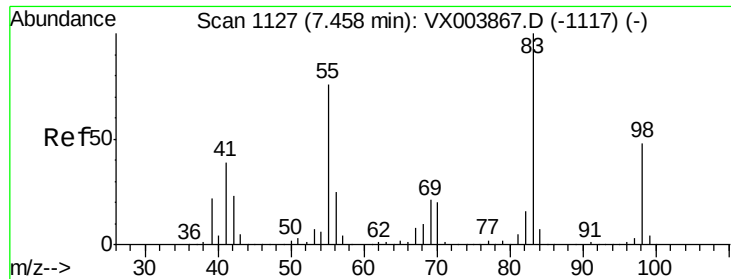
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.85 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion:	117	Resp:	257748
Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.5	119.3
121	32.0	25.0	37.4





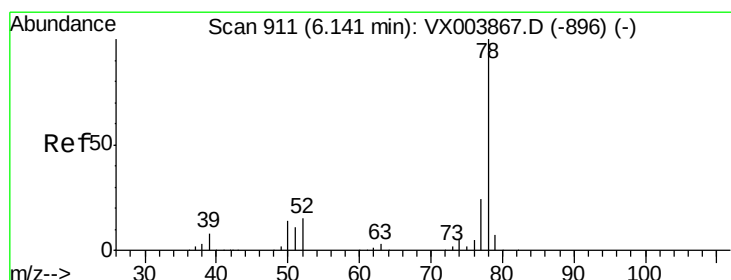
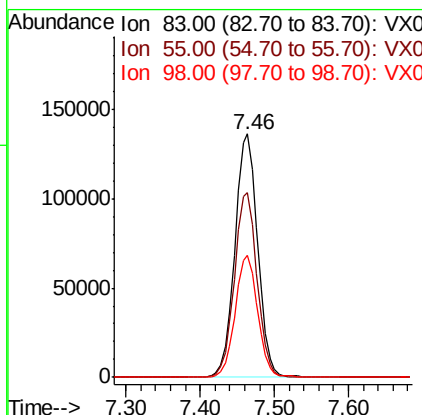
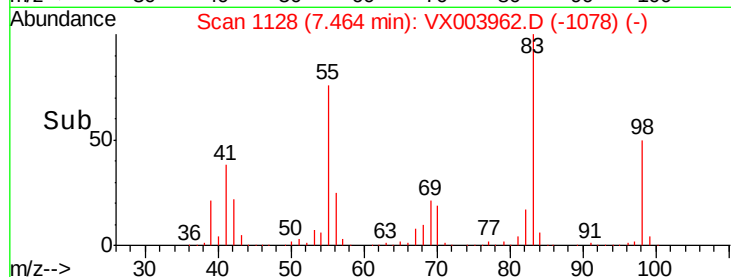
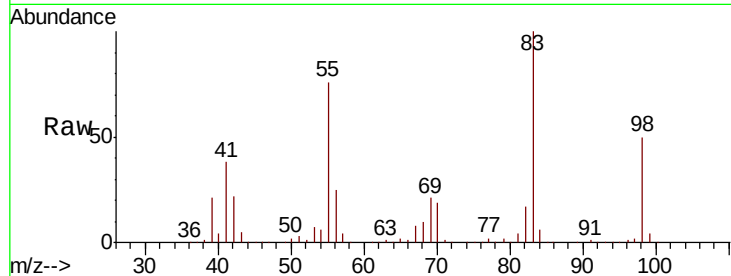
#39
Methylvlcyclohexane
Concen: 45.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103MSMD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.9	61.0	91.6	
98	49.9	38.6	57.8	

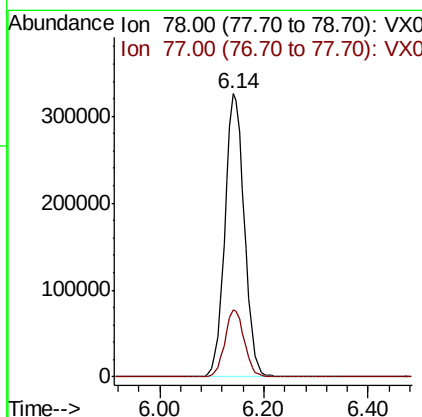
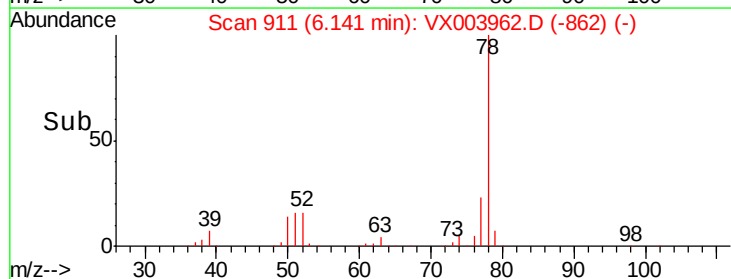
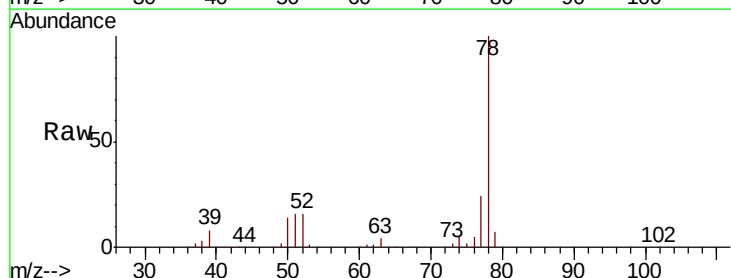
Manual Integrations
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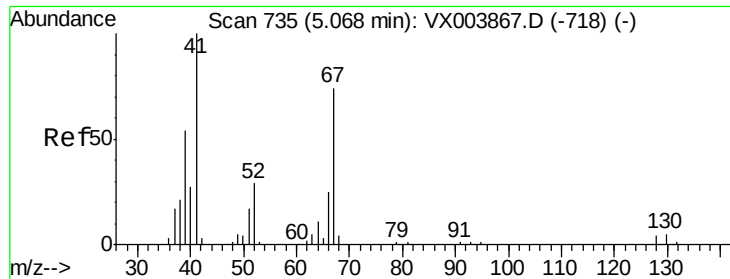
MMDadoda
8/10/2018 10:56:39 AM



#40
Benzene
Concen: 52.14 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.0	28.4	





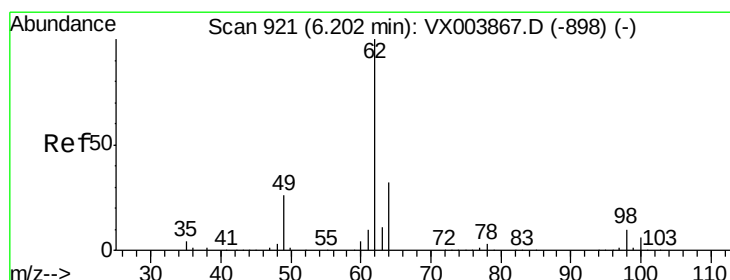
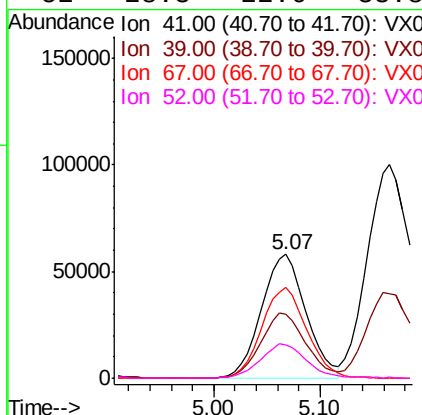
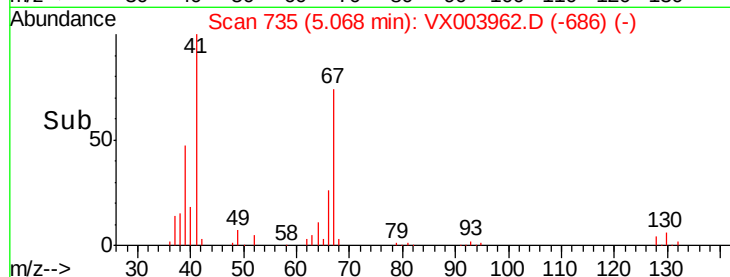
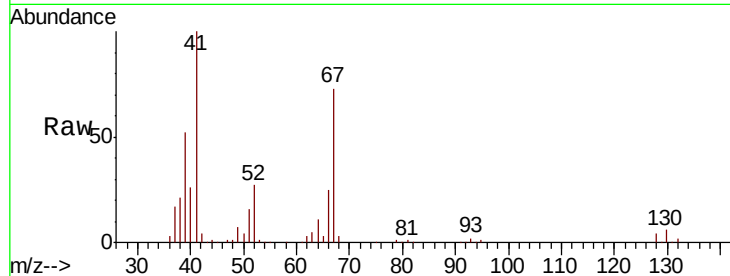
#41
Methacrylonitrile
Concen: 51.48 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	42.7	64.1	
67	74.2	58.9	88.3	
52	28.3	22.6	33.8	

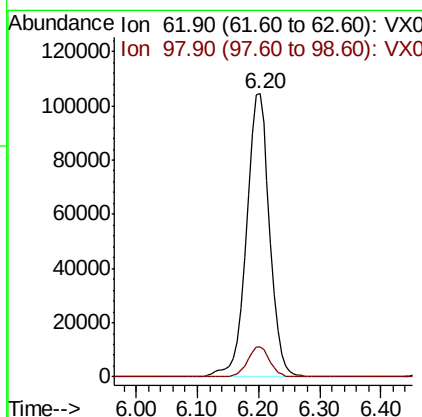
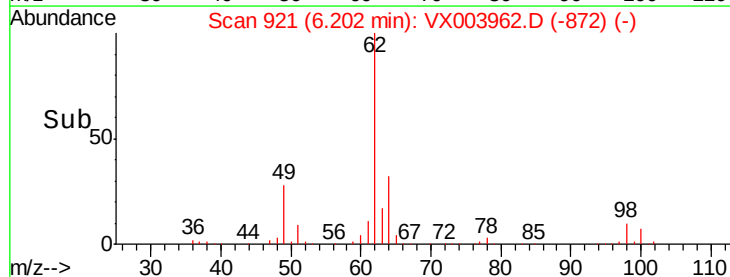
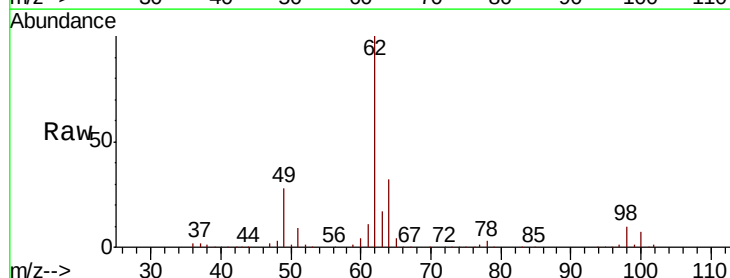
Manual Integrations
APPROVED

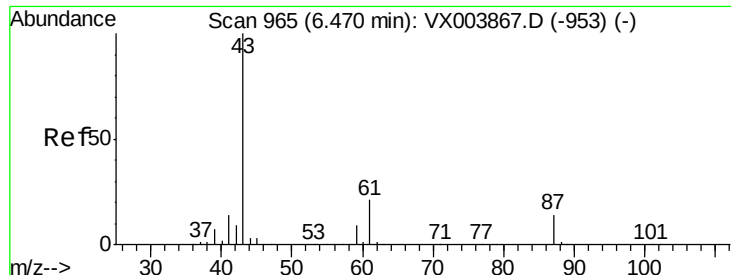
MMDadoda
8/10/2018 10:56:39 AM



#42
1,2-Dichloroethane
Concen: 49.84 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.4	





#43

Isopropyl Acetate

Concen: 50.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

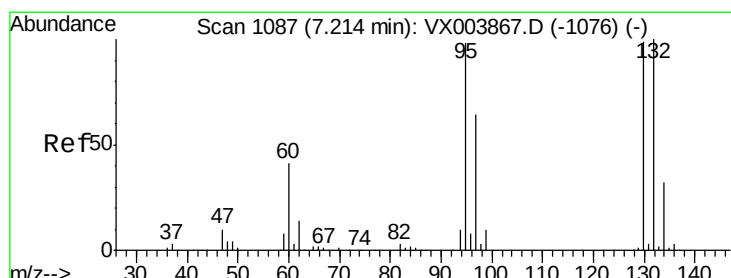
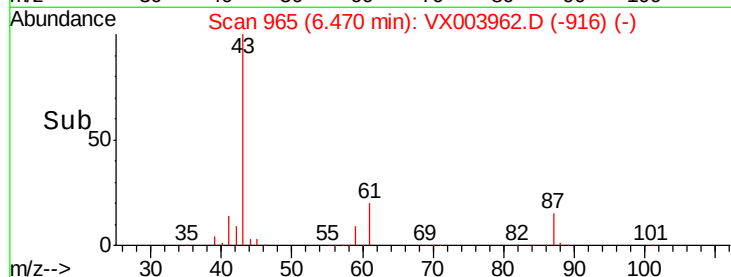
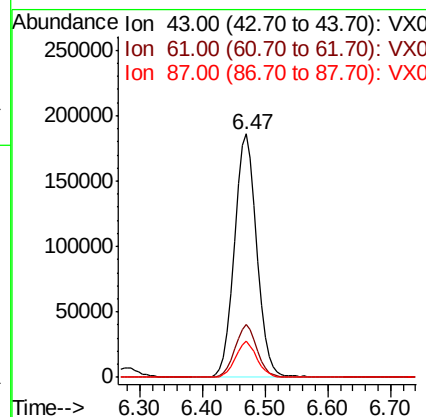
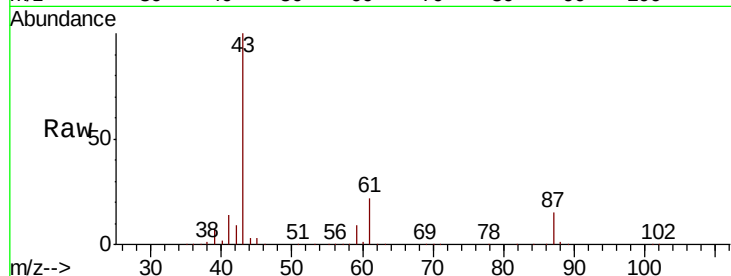
ClientSampleId :

MW-103SMSD

Tot Ion:	43	Resp:	455851
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.9	25.3
87	14.2	11.3	16.9

Manual Integrations
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#44

Trichloroethene

Concen: 47.59 ug/l

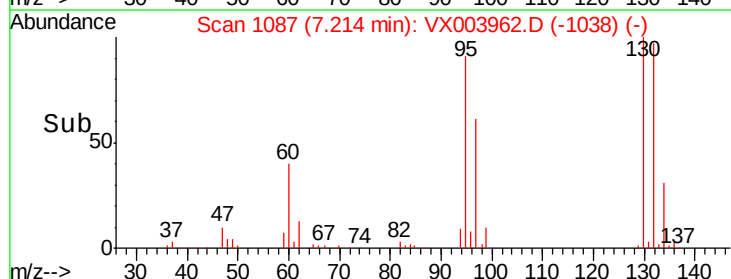
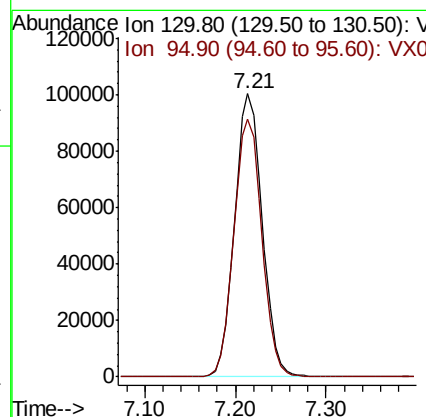
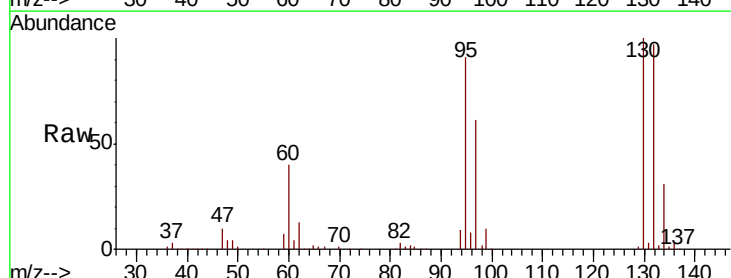
RT: 7.21 min Scan# 1087

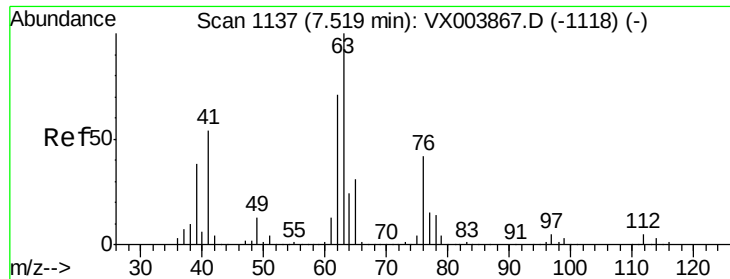
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	130	Resp:	212312
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	199.4





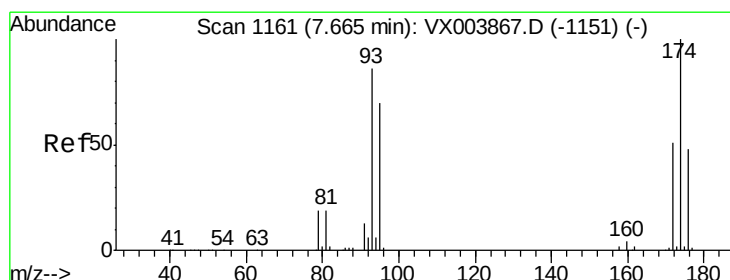
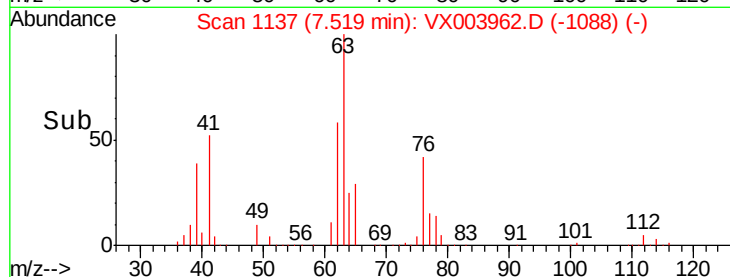
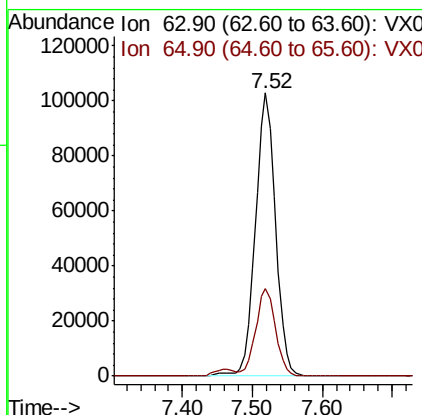
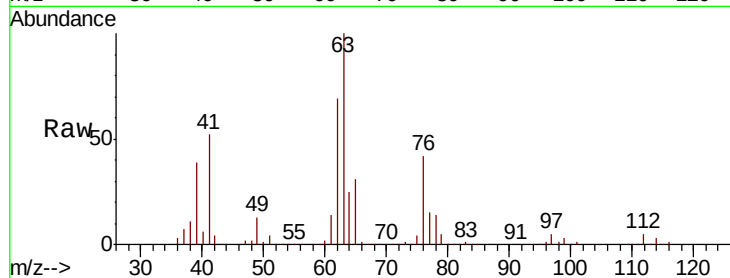
#45
 1,2-Dichloropropane
 Concen: 48.81 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	36.8

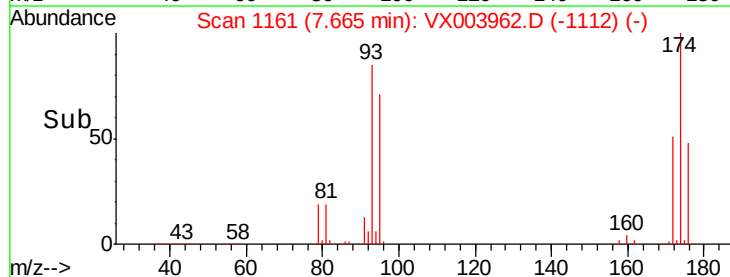
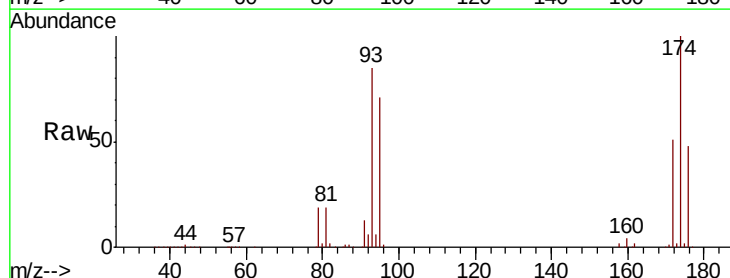
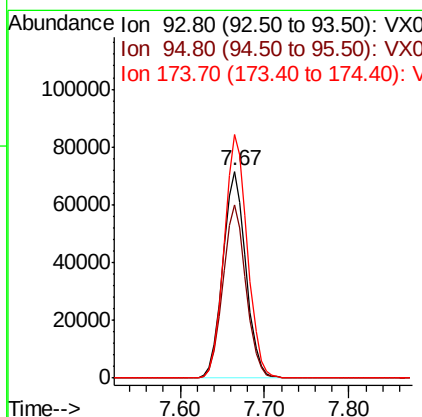
Manual Integrations
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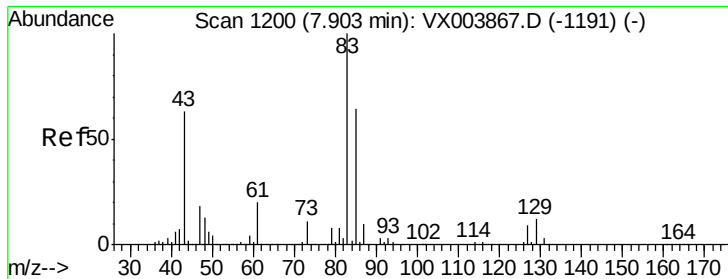
MMDadoda
 8/10/2018 10:56:39 AM



#46
 Dibromomethane
 Concen: 49.03 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	118.6	94.3	141.5





#47

Bromodichloromethane

Concen: 50.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

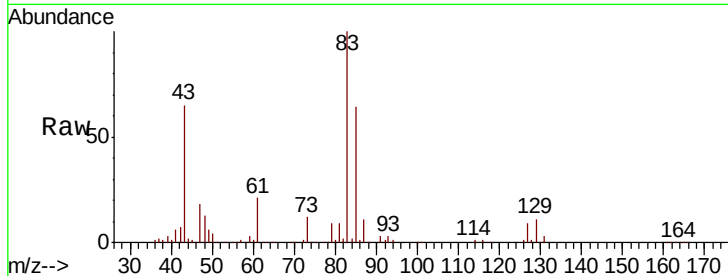
ClientSampleId :

MW-103MSMD

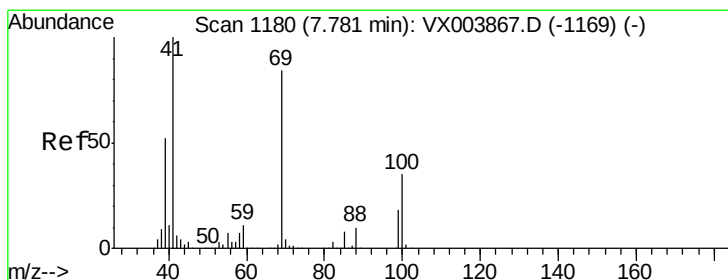
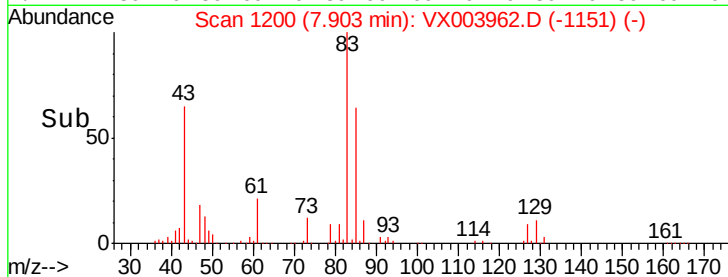
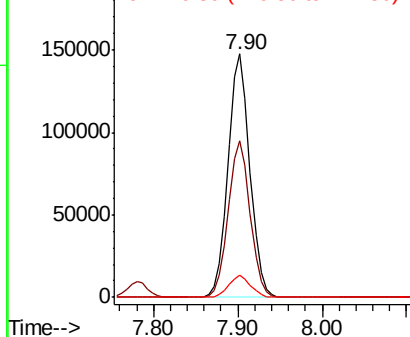
Tot Ion:	83	Resp:	259865
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.2	76.8
127	9.0	7.2	10.8

Manual Integrations
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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

Methyl methacrylate

Concen: 52.75 ug/l

RT: 7.78 min Scan# 1180

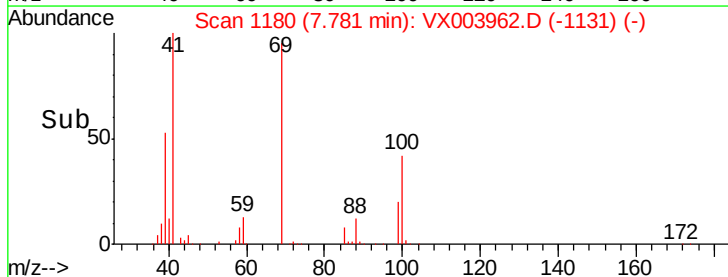
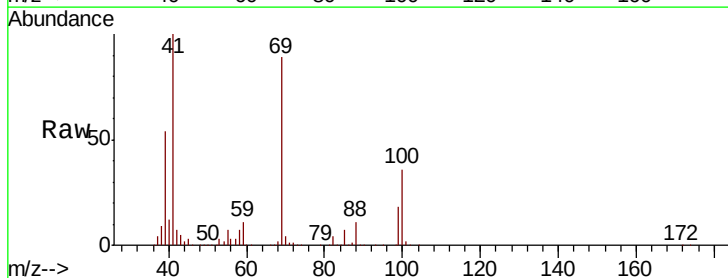
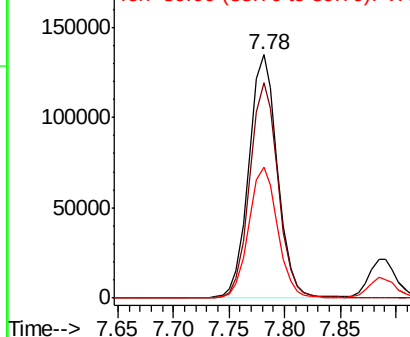
Delta R.T. -0.00 min

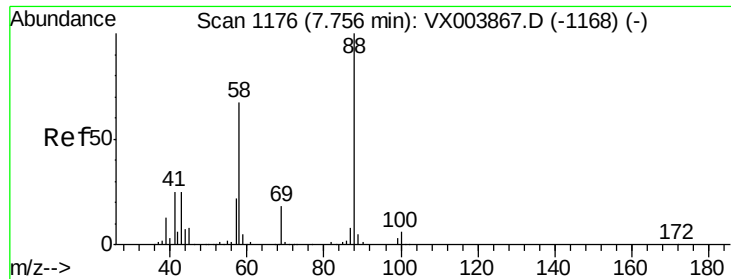
Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	41	Resp:	241152
Ion Ratio	Lower	Upper	
41	100		
69	88.5	68.8	103.2
39	54.0	42.3	63.5

Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





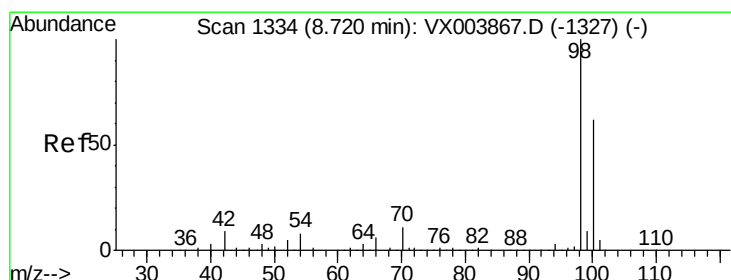
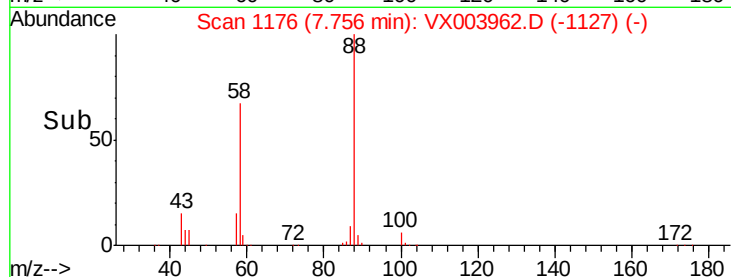
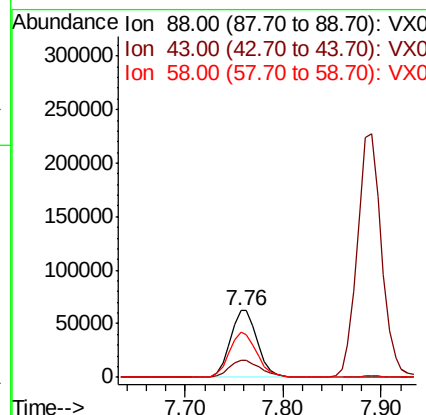
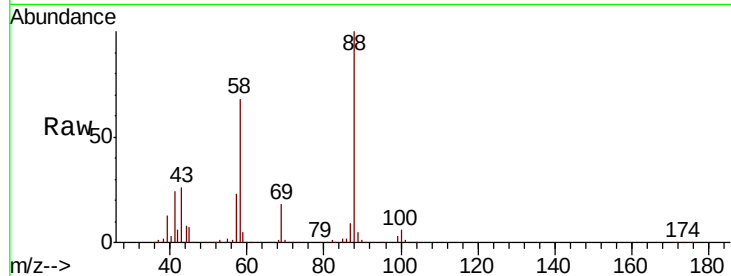
#49
1,4-Dioxane
Concen: 1107.34 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.8	35.8
58	68.2	55.4	83.0

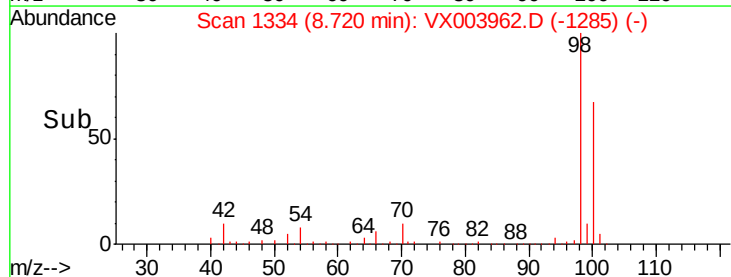
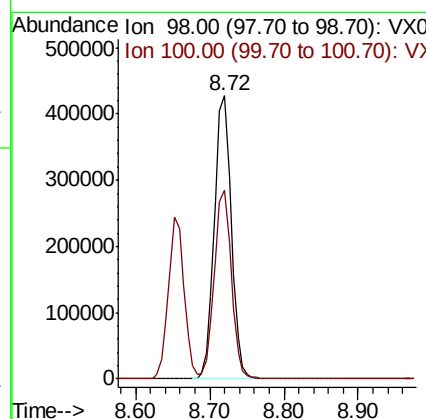
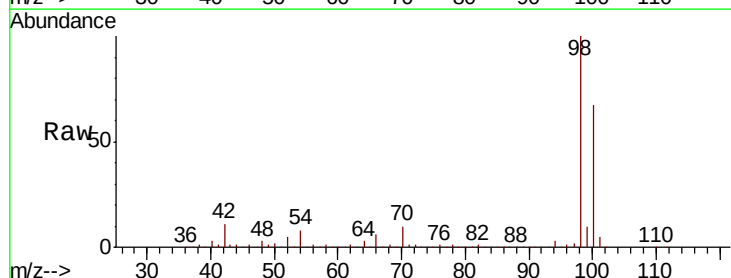
Manual Integrations
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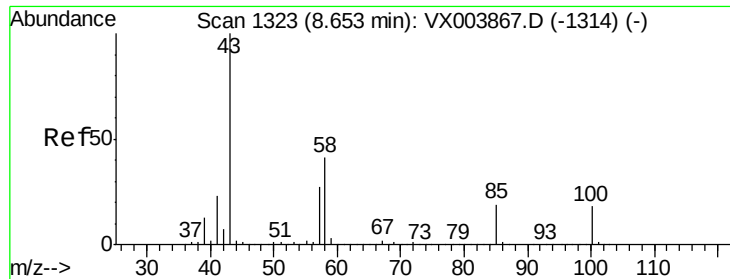
MMDadoda
8/10/2018 10:56:39 AM



#50
Toluene-d8
Concen: 46.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 281.43 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103MSD

Tot Ion: 43 Resp: 2097834

Ion Ratio Lower Upper

43 100

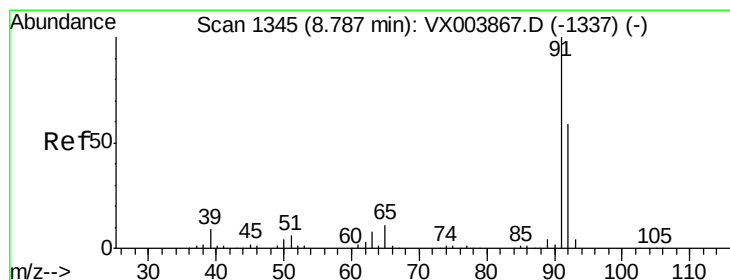
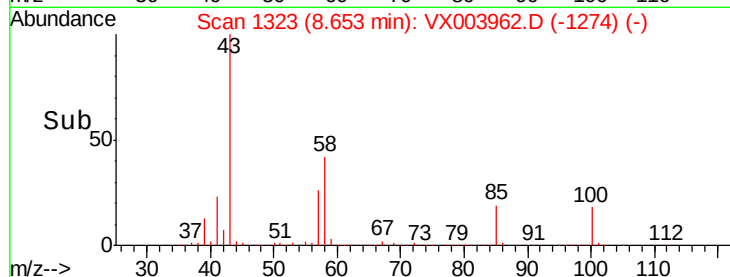
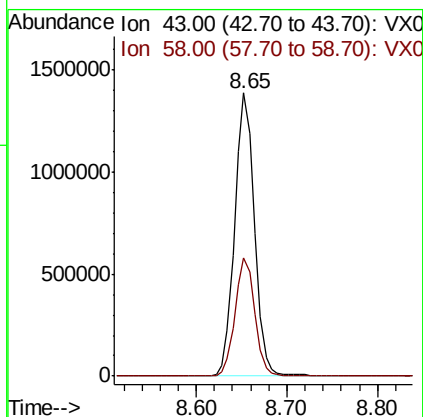
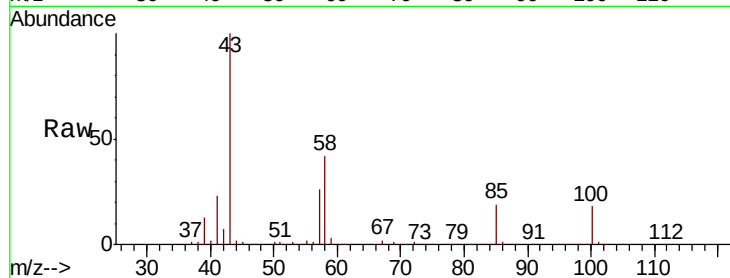
58 41.4 33.0 49.6

Manual Integrations

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MMDadoda

8/10/2018 10:56:39 AM



#52

Toluene

Concen: 49.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003962.D

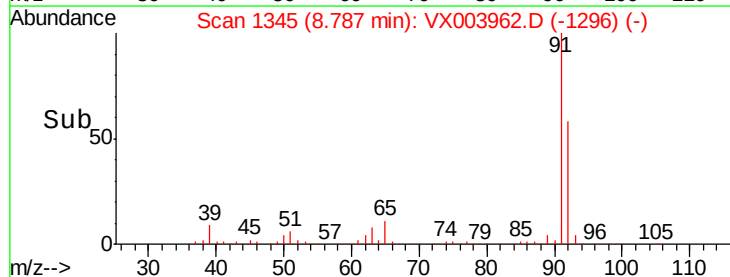
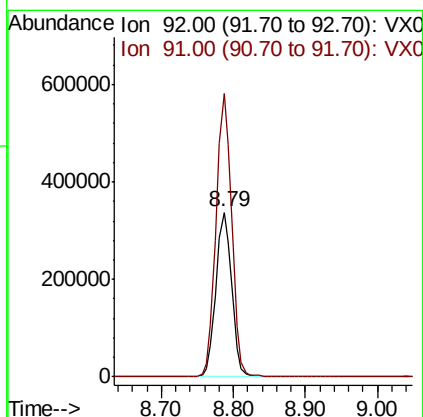
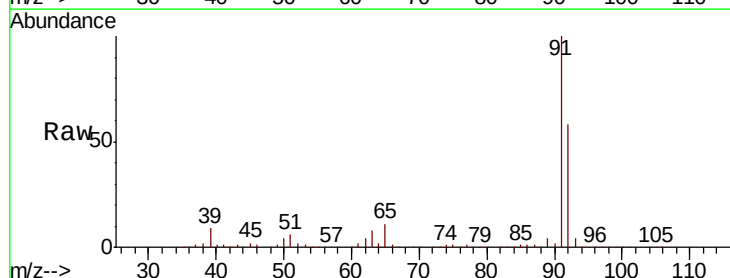
Acq: 09 Aug 2018 20:23

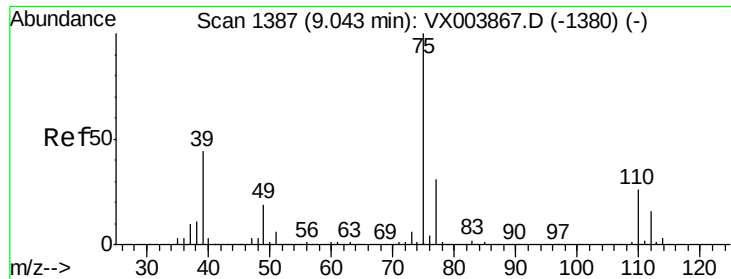
Tgt Ion: 92 Resp: 511490

Ion Ratio Lower Upper

92 100

91 170.8 136.1 204.1





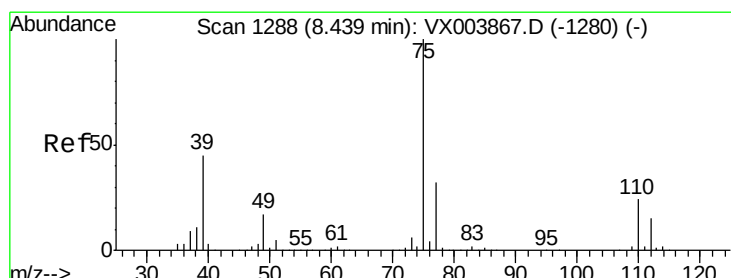
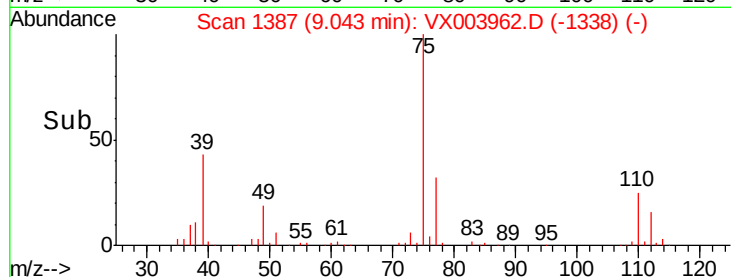
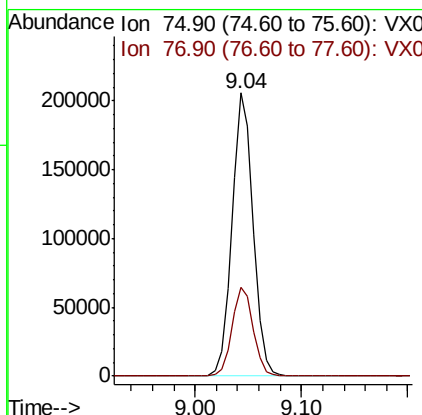
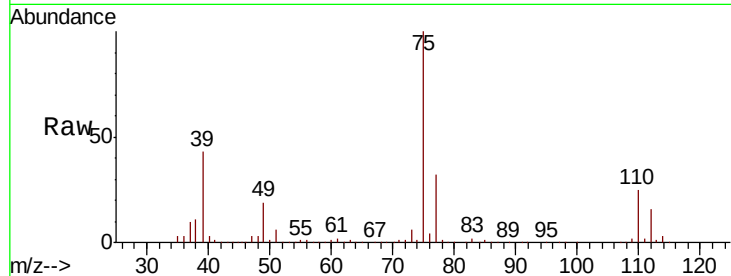
#53
 t-1,3-Dichloropropene
 Concen: 48.98 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSMD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

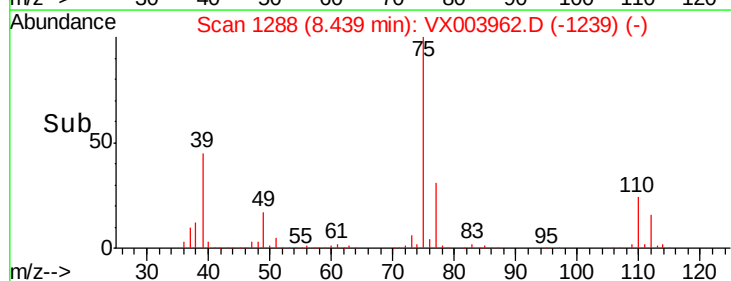
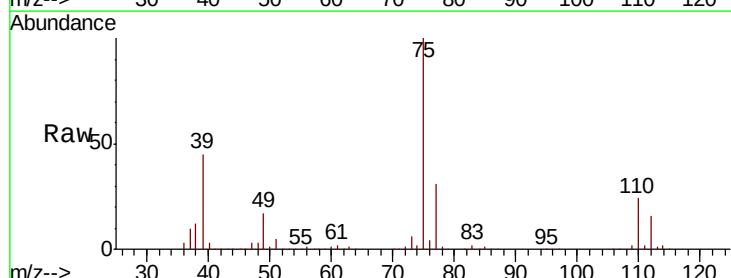
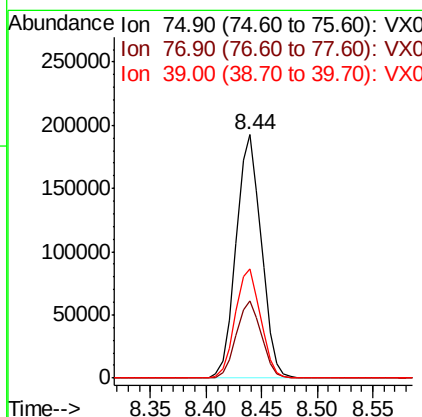
Manual Integrations
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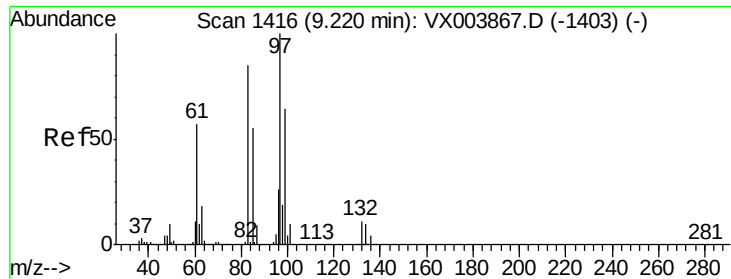
MMDadoda
 8/10/2018 10:56:39 AM



#54
 cis-1,3-Dichloropropene
 Concen: 48.09 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	44.7	36.2	54.2





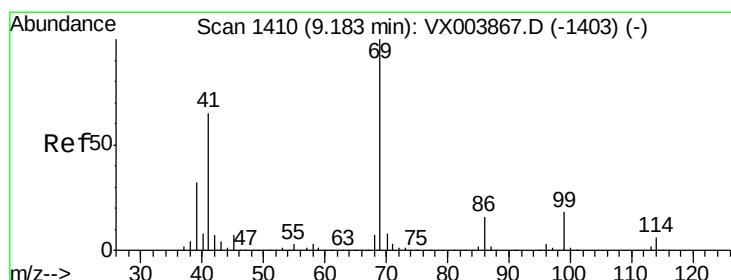
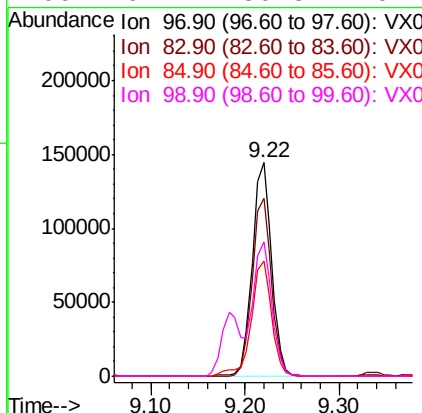
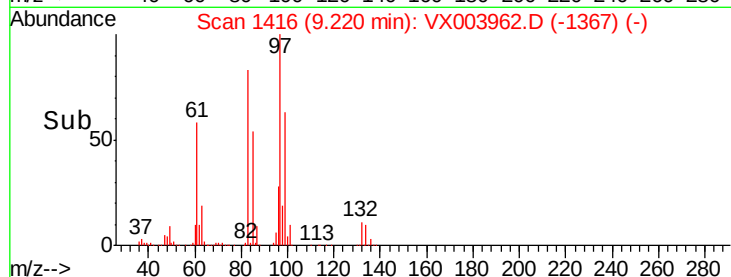
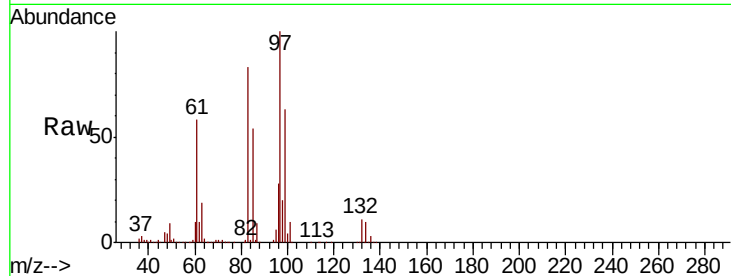
#55
 1,1,2-Trichloroethane
 Concen: 49.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		209445		
83	83.2	67.8	101.6		
85	54.0	44.2	66.2		
99	62.7	50.8	76.2		

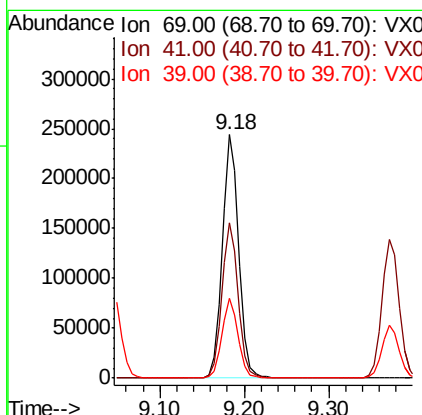
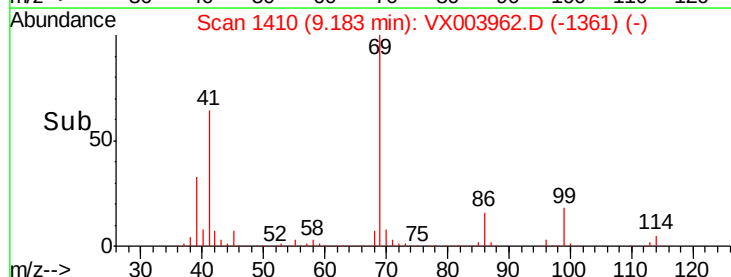
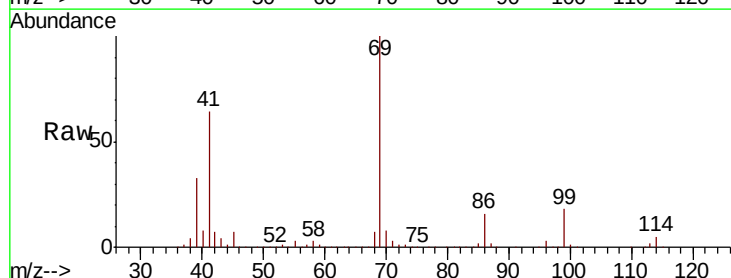
Manual Integrations
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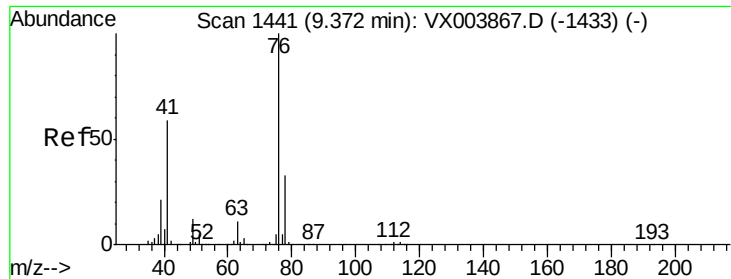
MMDadoda
 8/10/2018 10:56:39 AM



#56
 Ethyl methacrylate
 Concen: 53.79 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		328708		
41	63.0	50.6	76.0		
39	32.2	25.8	38.6		





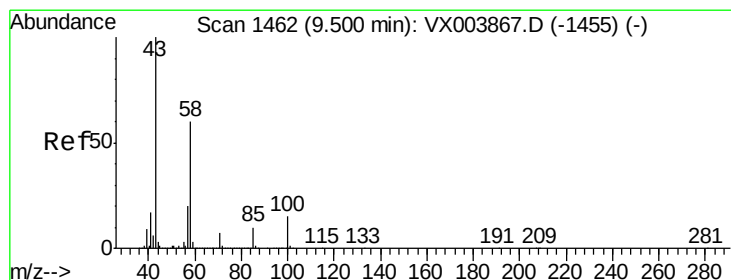
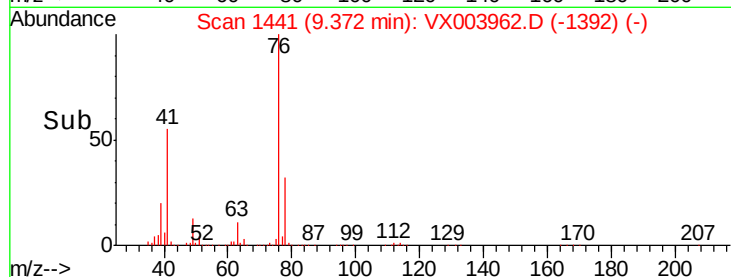
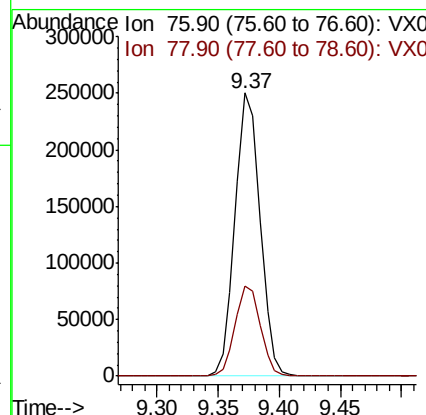
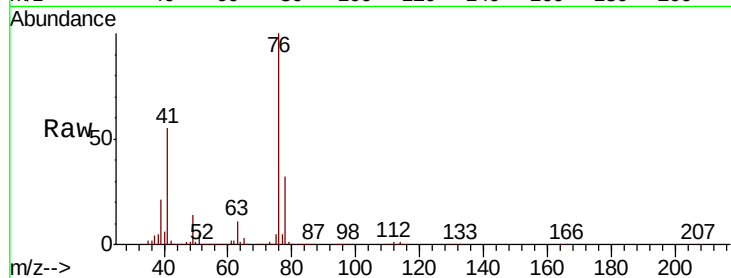
#57
 1,3-Dichloropropane
 Concen: 50.25 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103SMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

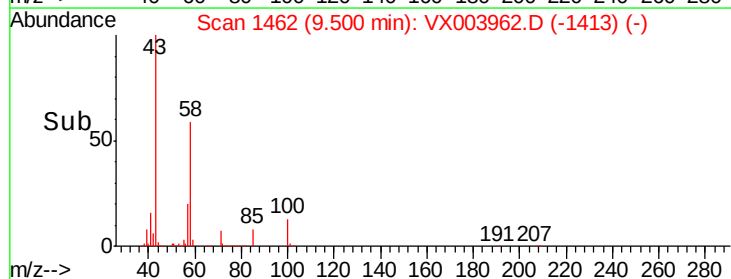
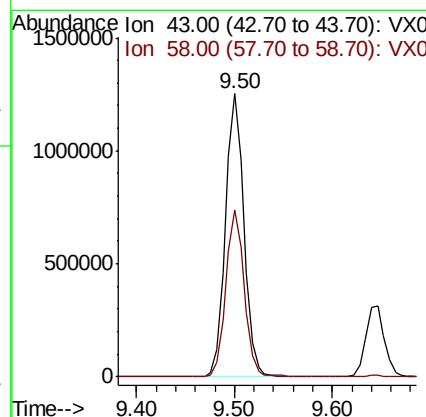
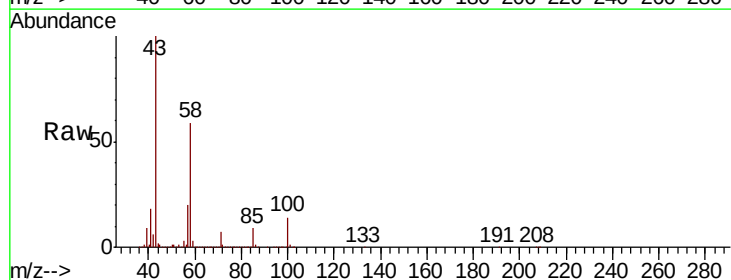
Manual Integrations
 APPROVED

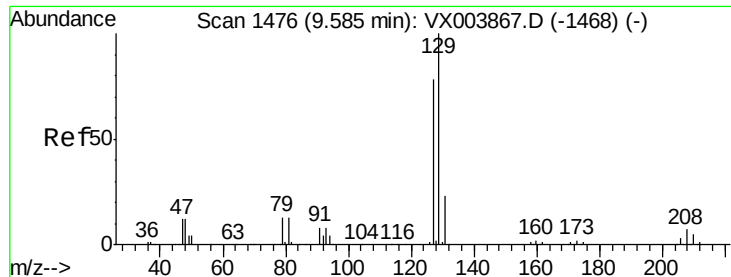
MMDadoda
 8/10/2018 10:56:39 AM



#59
 2-Hexanone
 Concen: 295.56 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.6	29.0	87.0





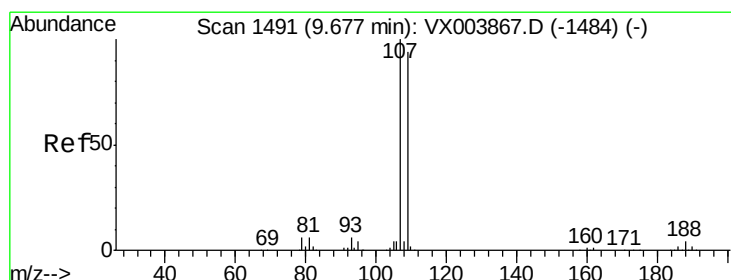
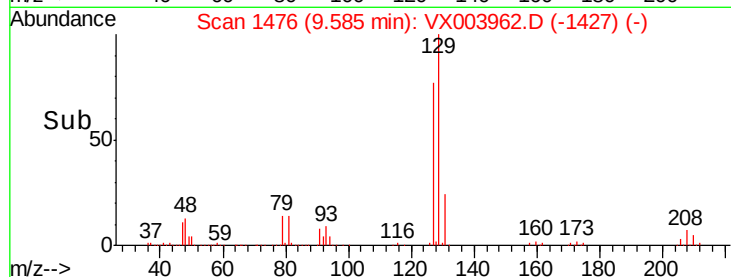
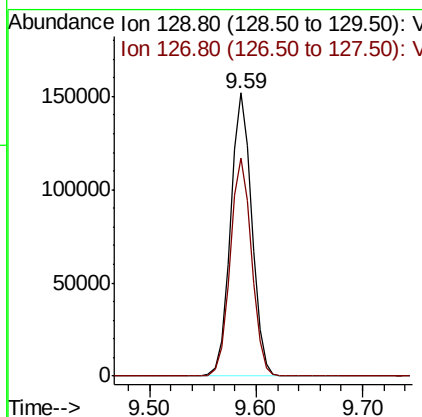
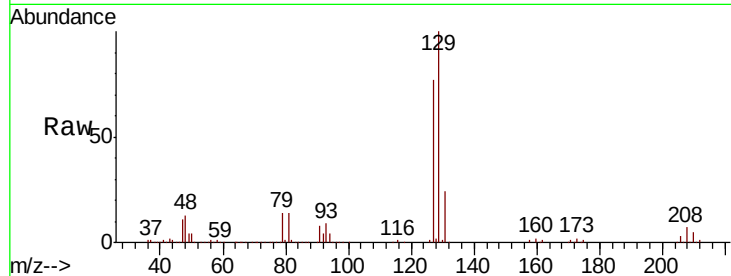
#60
 Dibromochloromethane
 Concen: 54.12 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.8	116.3

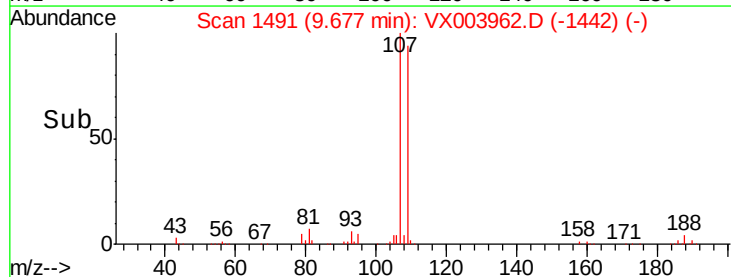
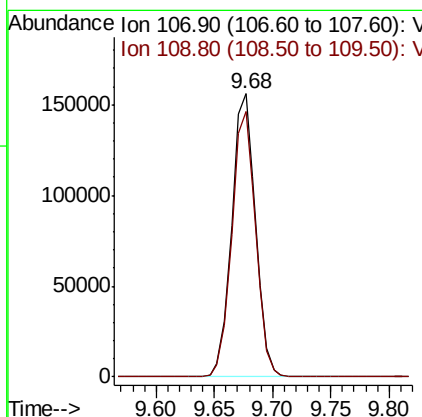
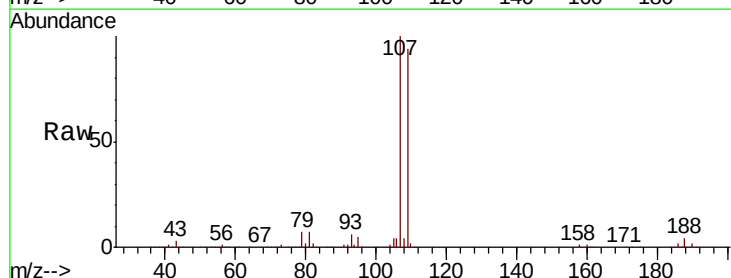
Manual Integrations
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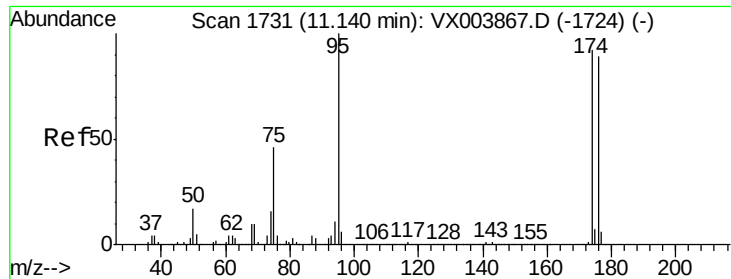
MMDadoda
 8/10/2018 10:56:39 AM



#61
 1,2-Dibromoethane
 Concen: 52.56 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.8	113.8





#62

4-Bromofluorobenzene

Concen: 55.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

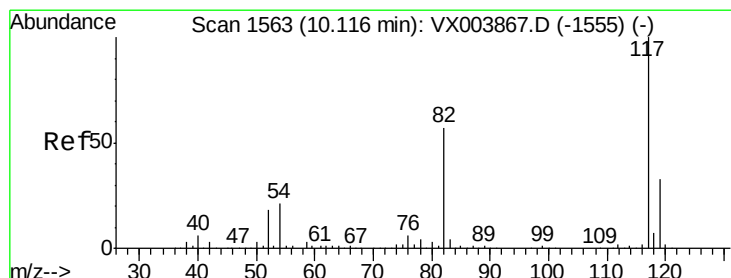
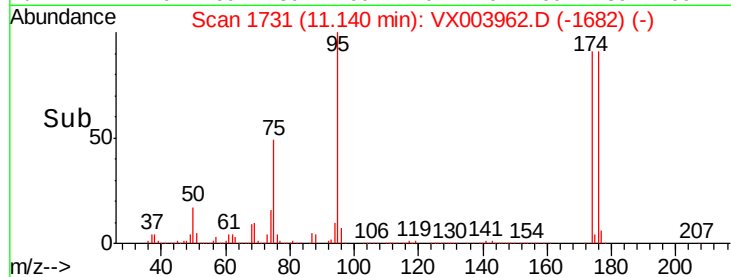
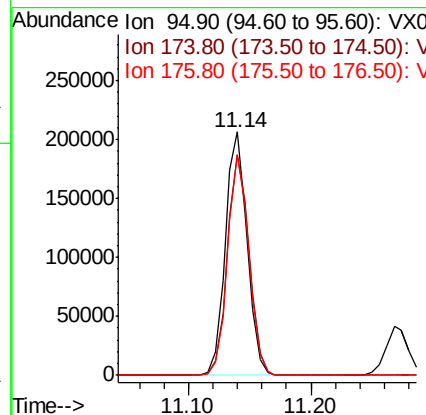
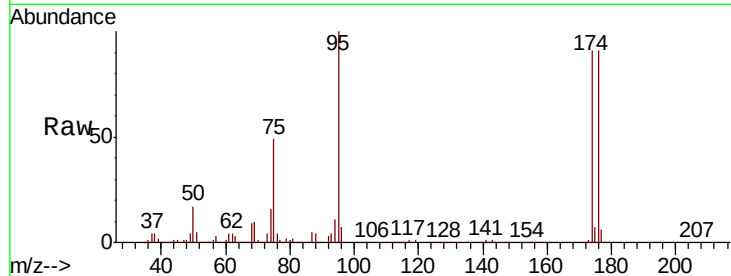
ClientSampleId :

MW-103SMSD

Tot Ion:	95	Resp:	254576
Ion Ratio	Lower	Upper	
95	100		
174	90.4	0.0	182.8
176	88.2	0.0	179.0

Manual Integrations
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8/10/2018 10:56:39 AM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

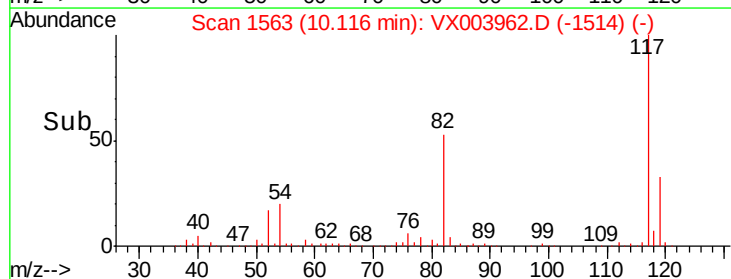
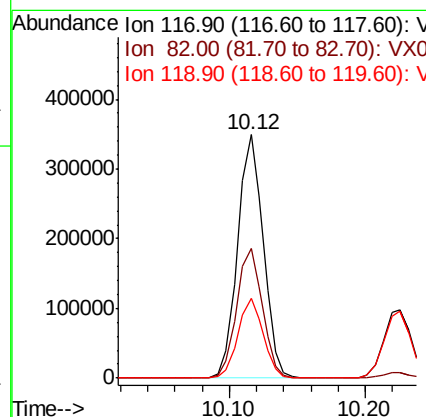
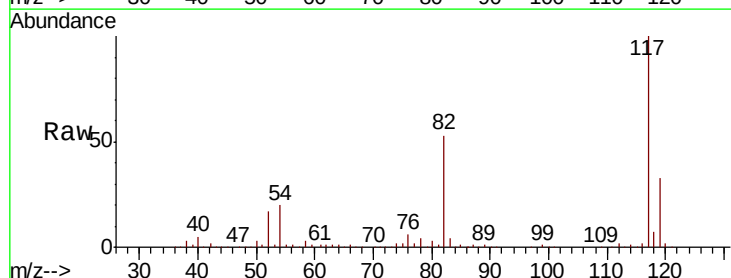
RT: 10.12 min Scan# 1563

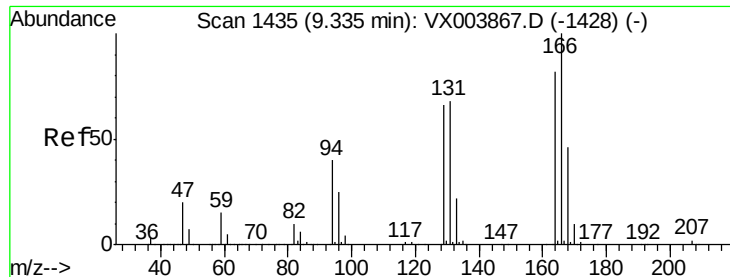
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	117	Resp:	459294
Ion Ratio	Lower	Upper	
117	100		
82	53.4	45.4	68.0
119	32.5	26.6	40.0





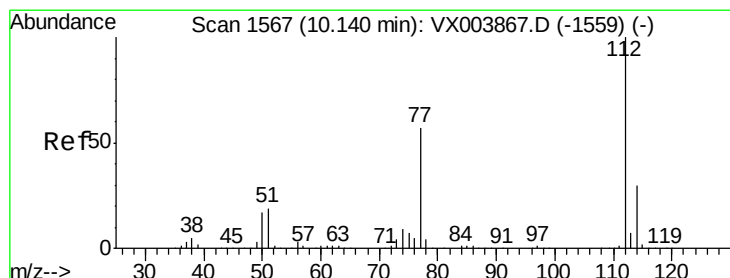
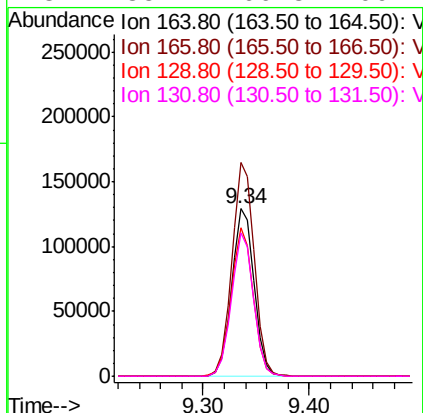
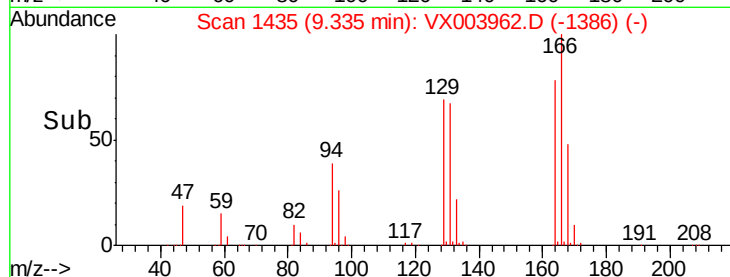
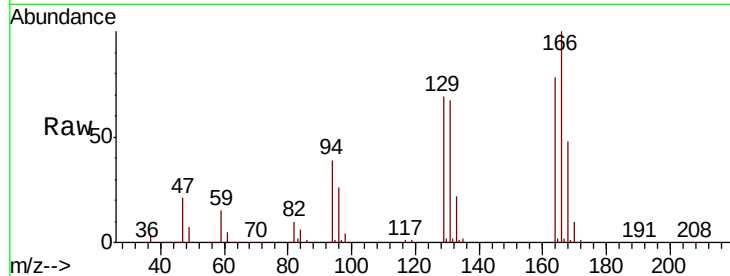
#64
Tetrachloroethene
Concen: 42.02 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.6	98.0	147.0	
129	88.6	64.3	96.5	
131	85.7	66.8	100.2	

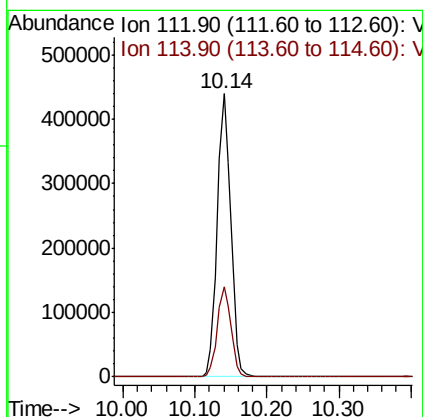
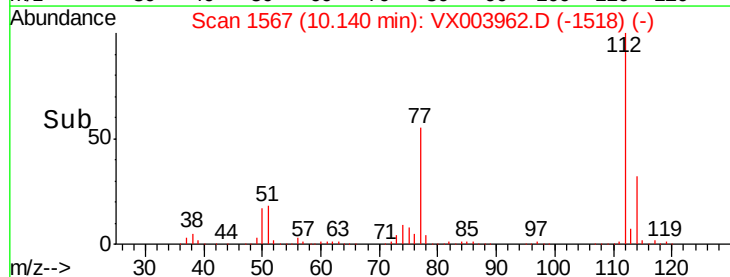
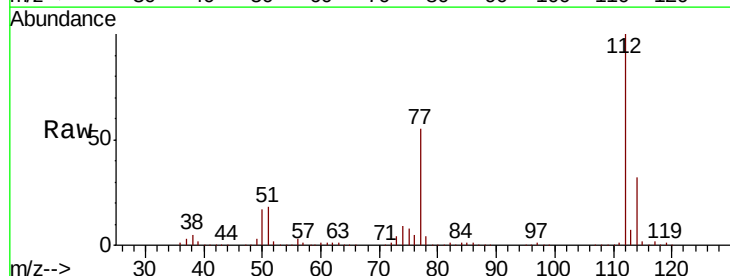
Manual Integrations
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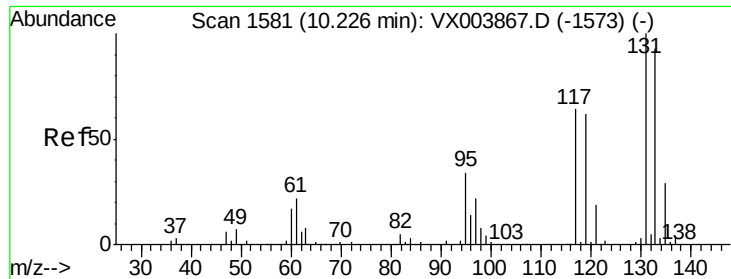
MMDadoda
8/10/2018 10:56:39 AM



#65
Chlorobenzene
Concen: 47.73 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.0	23.6	35.4	





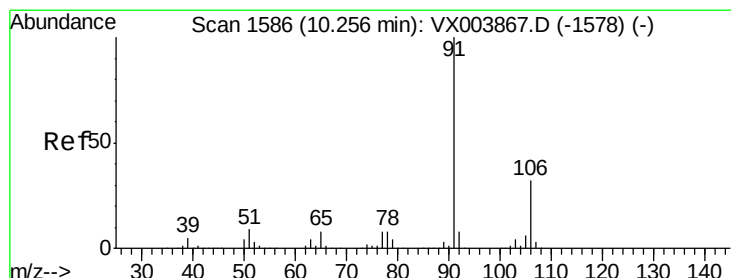
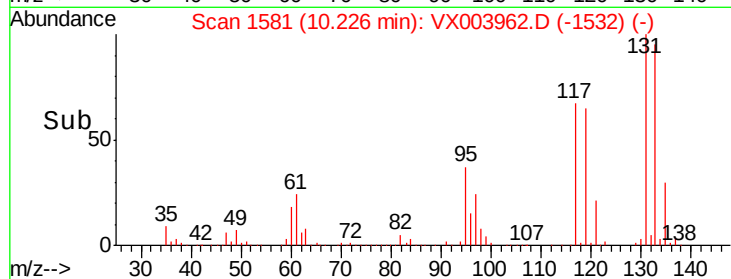
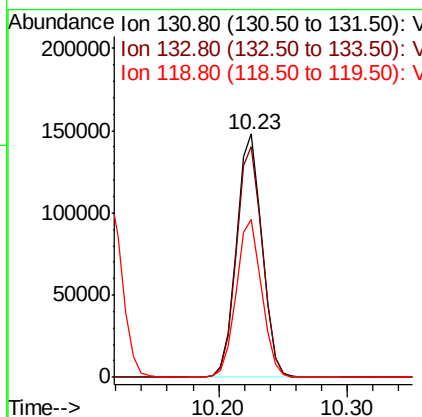
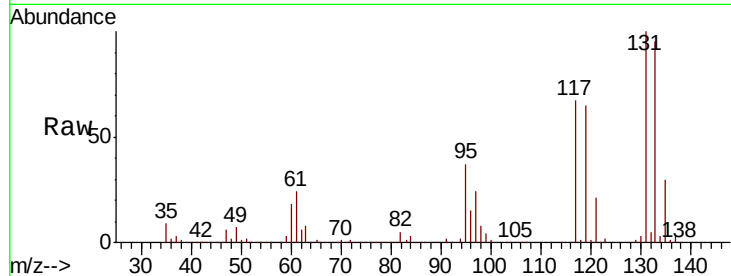
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.52 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSMD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.3	141.8
119	65.1	31.6	94.8

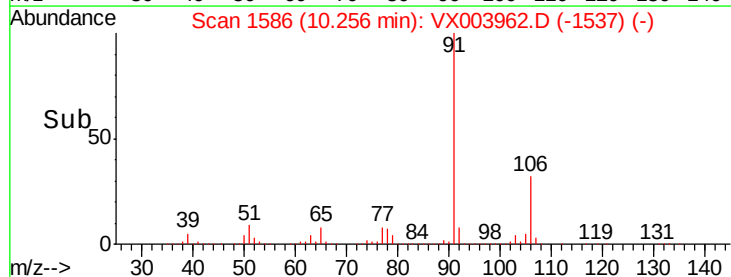
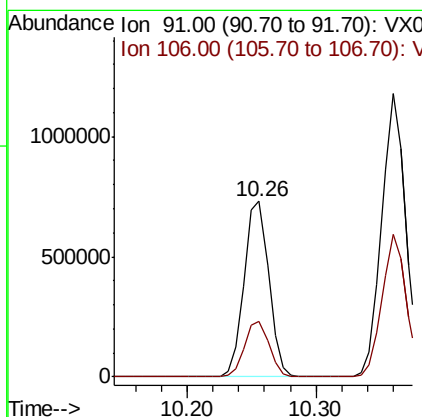
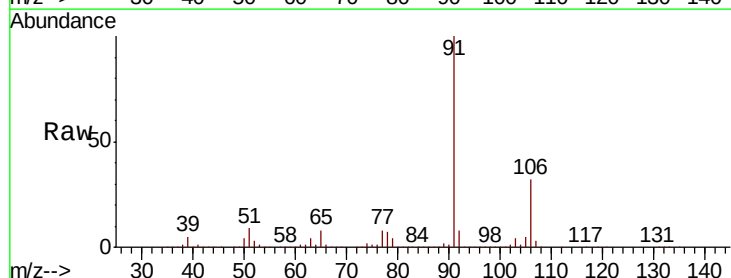
Manual Integrations
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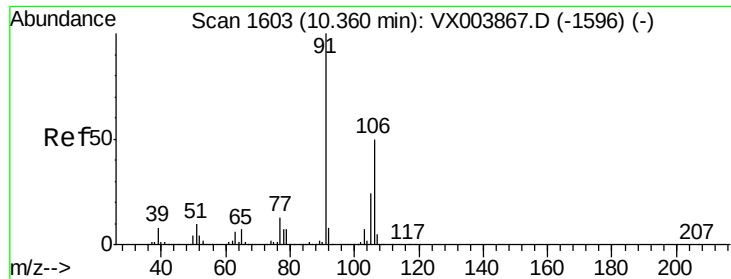
MMDadoda
 8/10/2018 10:56:39 AM



#67
 Ethyl Benzene
 Concen: 49.51 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.9	38.9





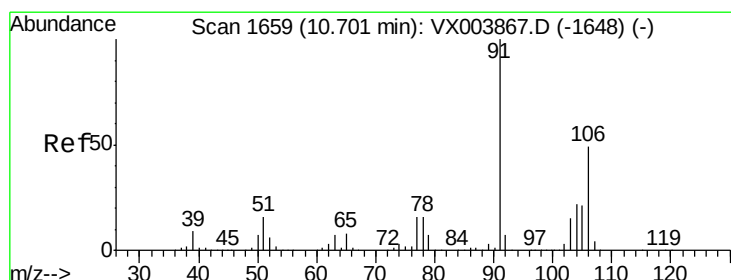
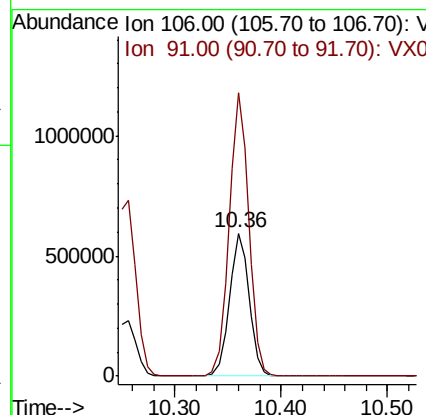
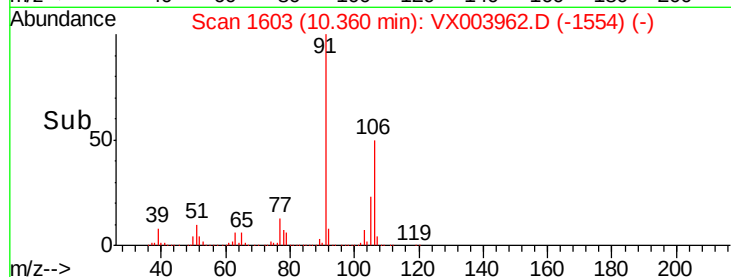
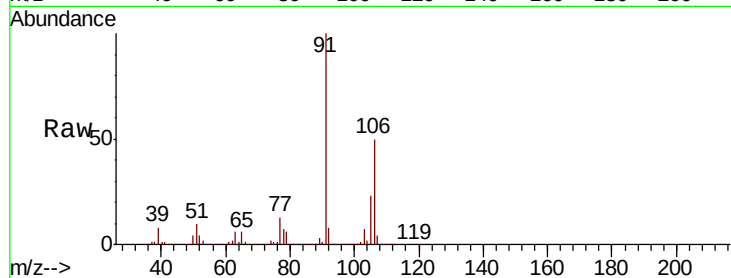
#68
m/p-Xylenes
Concen: 100.42 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		767621		
91	197.9	162.3	243.5		

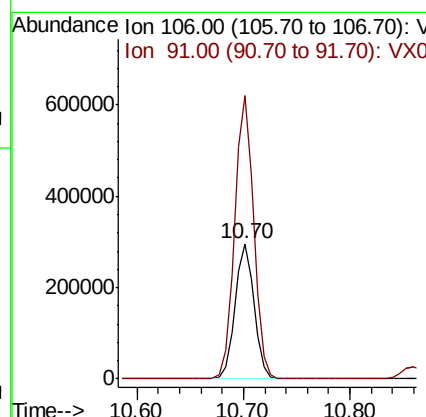
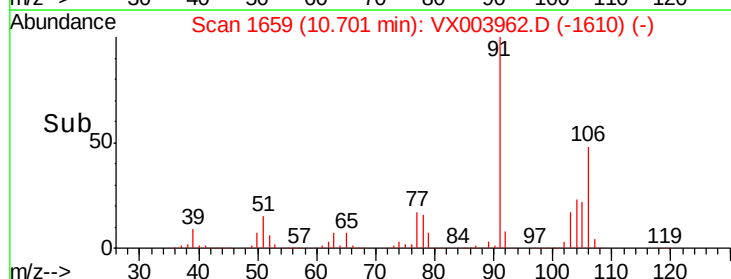
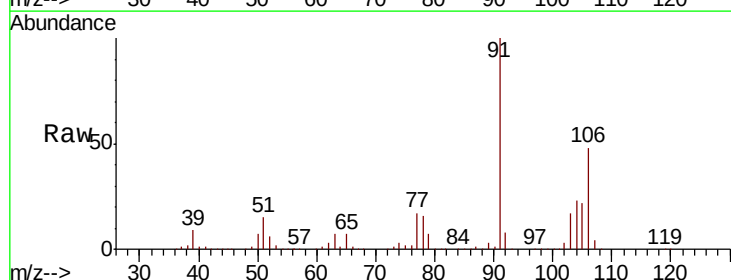
Manual Integrations
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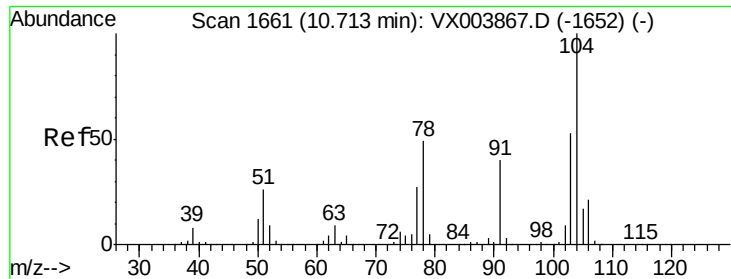
MMDadoda
8/10/2018 10:56:39 AM



#69
o-Xylene
Concen: 51.50 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		371632		
91	209.1	101.9	305.7		





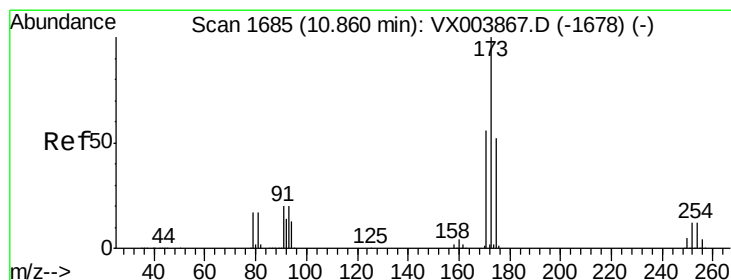
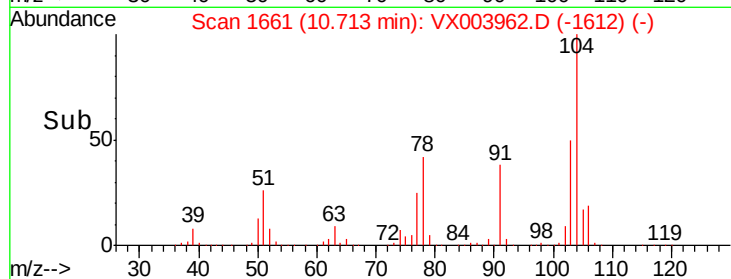
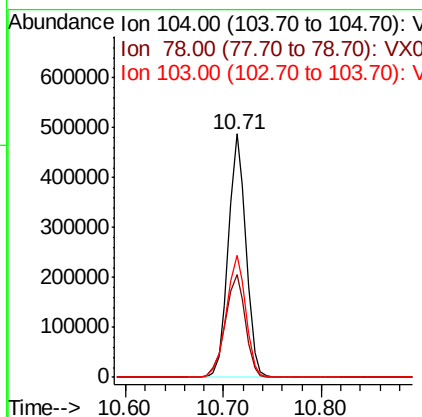
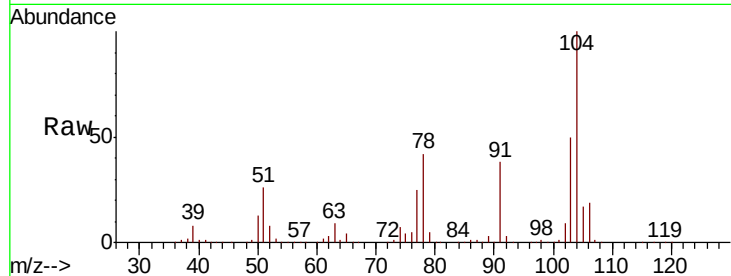
#70
Stvrene
Concen: 51.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.8	59.6
103	54.9	44.3	66.5

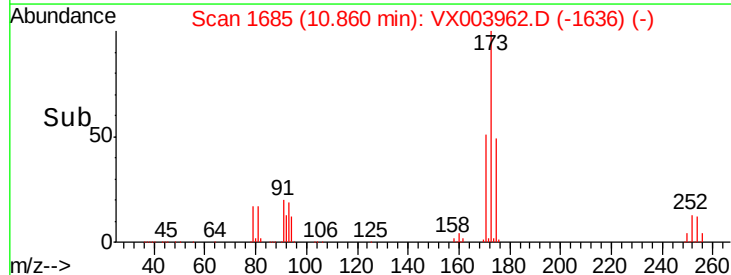
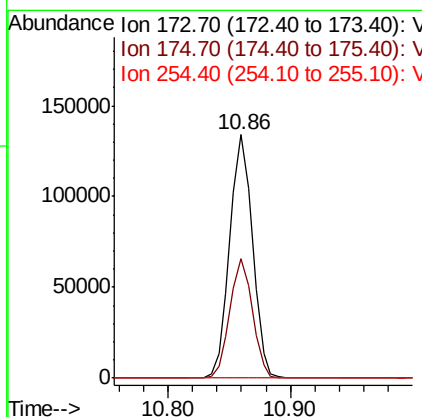
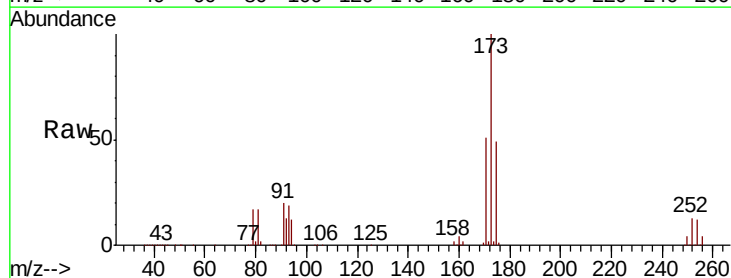
Manual Integrations
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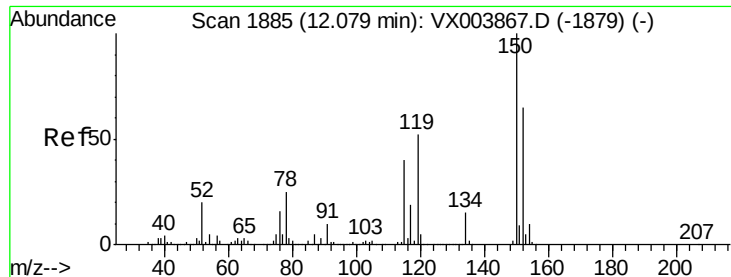
MMDadoda
8/10/2018 10:56:39 AM



#71
Bromoform
Concen: 49.49 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.9	74.7
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

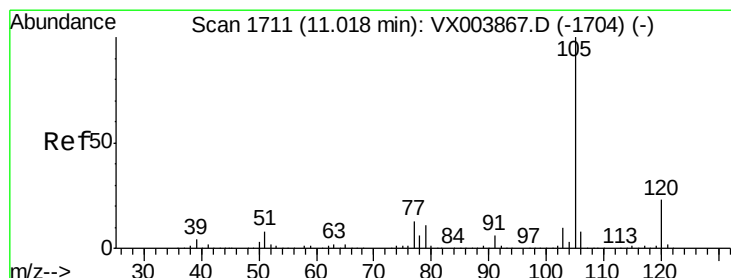
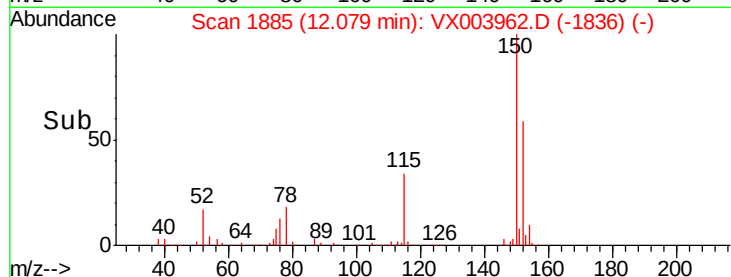
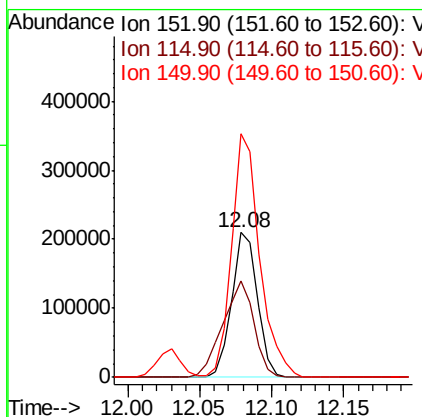
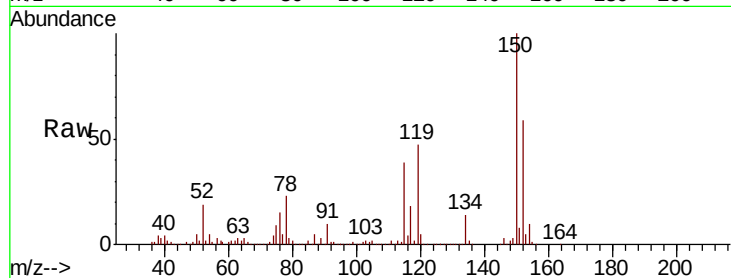
ClientSampleId :

MW-103SMSD

Tot Ion:	152	Resp:	262927
Ion Ratio	Lower	Upper	
152	100		
115	80.3	39.1	117.3
150	183.3	0.0	349.2

Manual Integrations
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8/10/2018 10:56:39 AM



#73

Isopropylbenzene

Concen: 50.64 ug/l

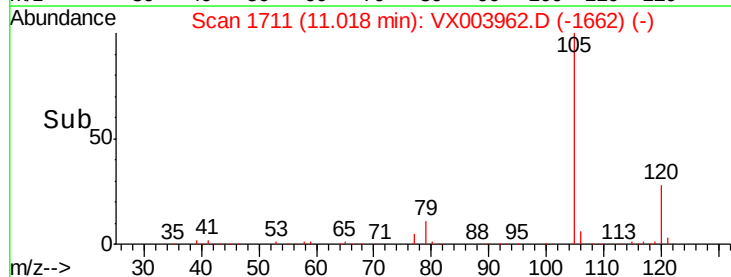
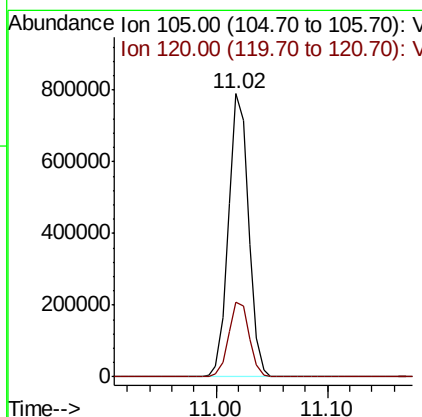
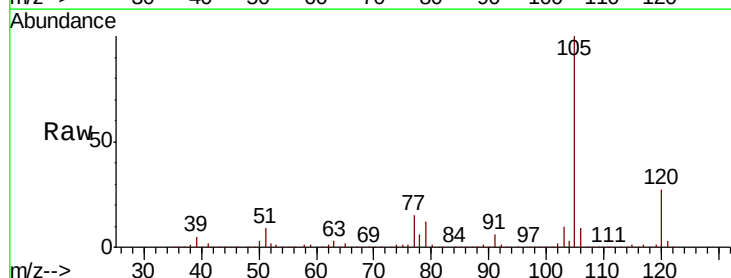
RT: 11.02 min Scan# 1711

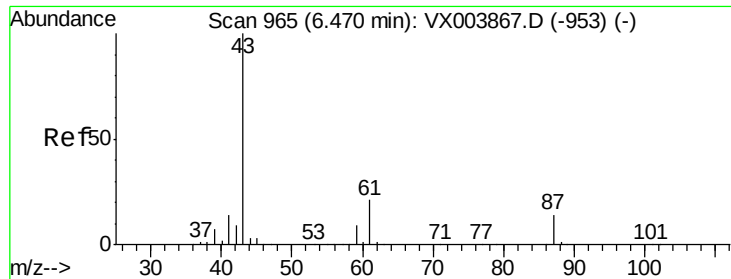
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion:	105	Resp:	985025
Ion Ratio	Lower	Upper	
105	100		
120	27.1	12.6	37.8





#74

N-amvl acetate

Concen: 45.07 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

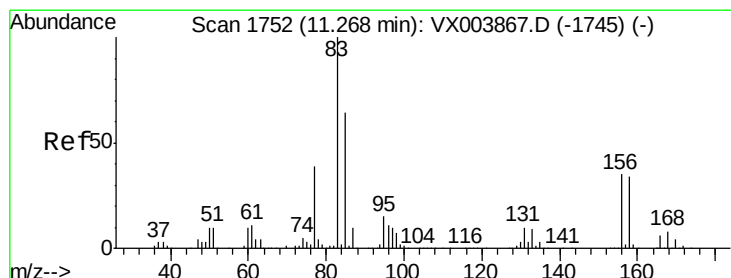
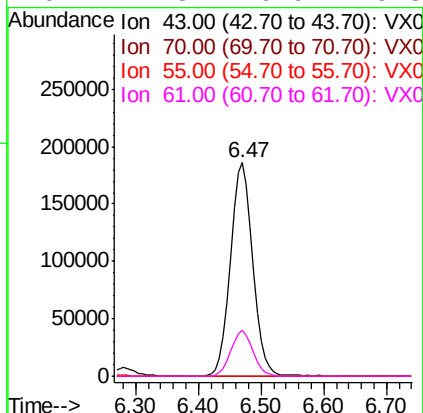
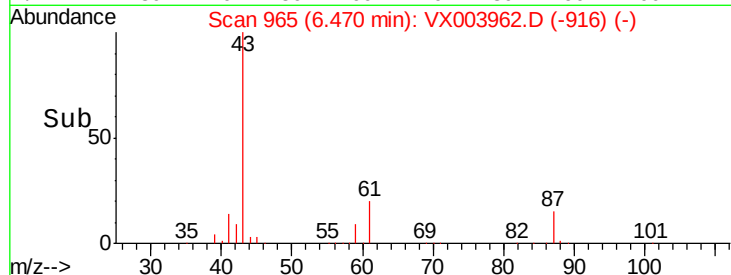
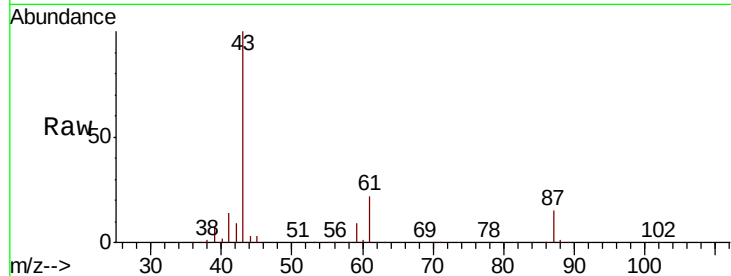
ClientSampleId :

MW-103SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		455851		
70	0.0	0.0	0.0#		
55	0.0	0.1	0.1#		
61	21.3	16.9	25.3		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.25 ug/l

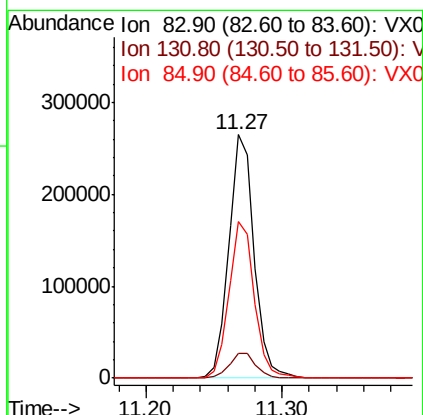
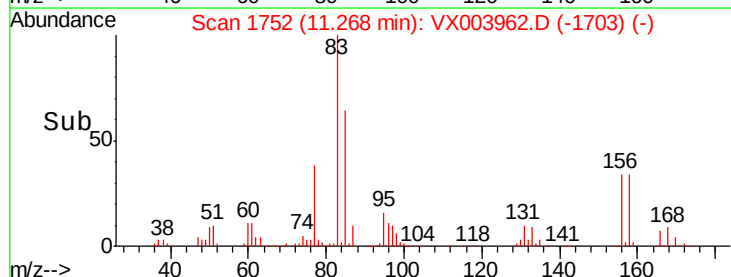
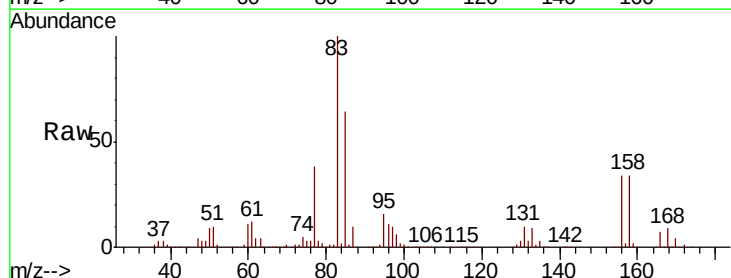
RT: 11.27 min Scan# 1752

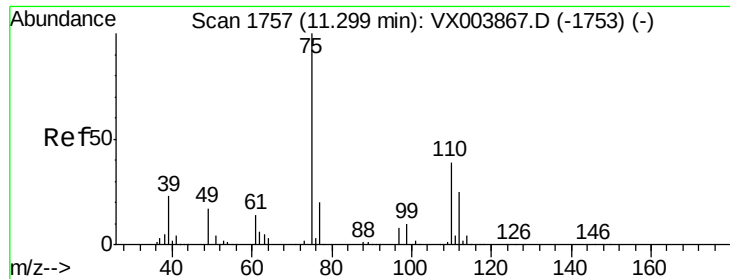
Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		341654		
131	10.7	5.2	15.6		
85	64.9	32.2	96.6		





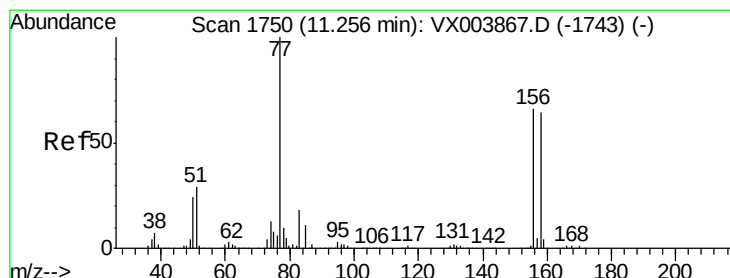
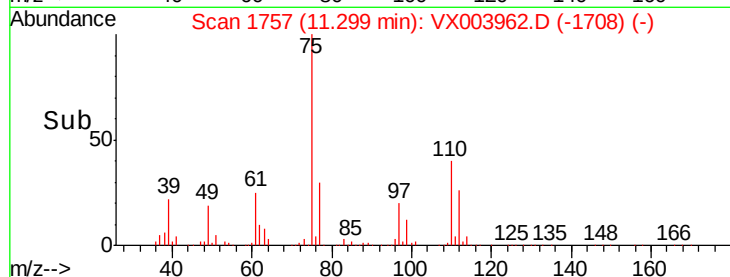
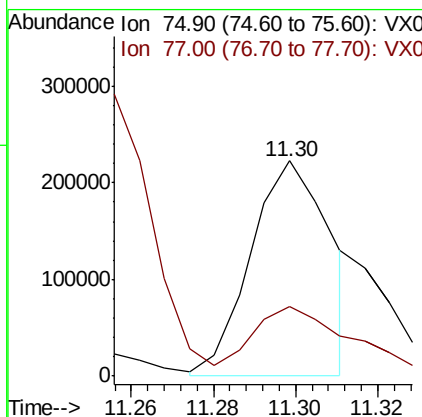
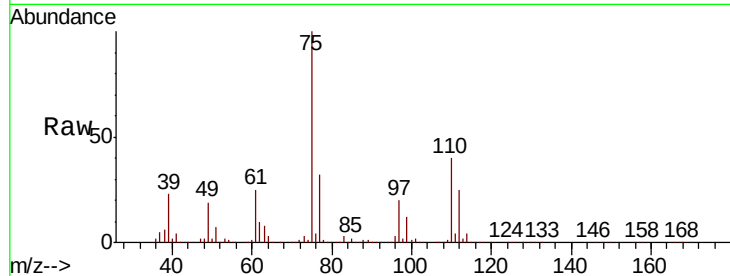
#76
1,2,3-Trichloropropane
Concen: 51.51 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103MSMD

Tot Ion	Ratio	Lower	Upper
75	100		
77	40.8	20.8	62.5

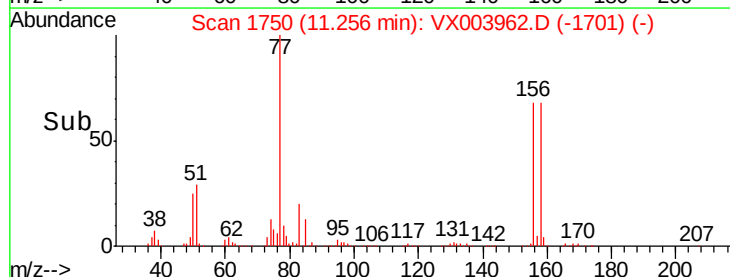
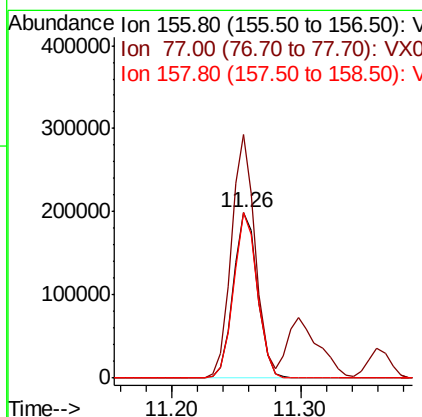
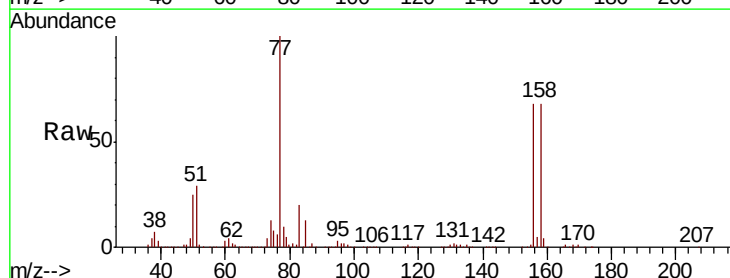
Manual Integrations
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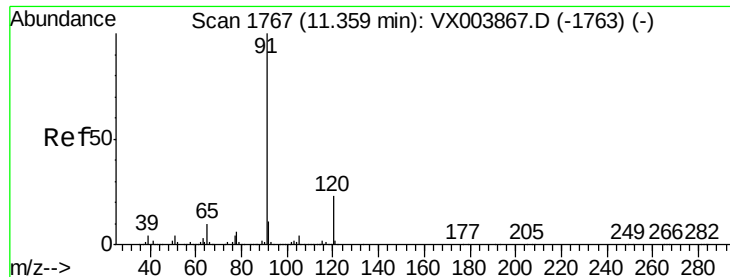
MMDadoda
8/10/2018 10:56:39 AM



#77
Bromobenzene
Concen: 50.19 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
156	100		
77	145.4	74.1	222.2
158	98.5	48.6	145.9





#78

n-propylbenzene

Concen: 51.20 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103MSD

Tot Ion: 91 Resp: 1118215

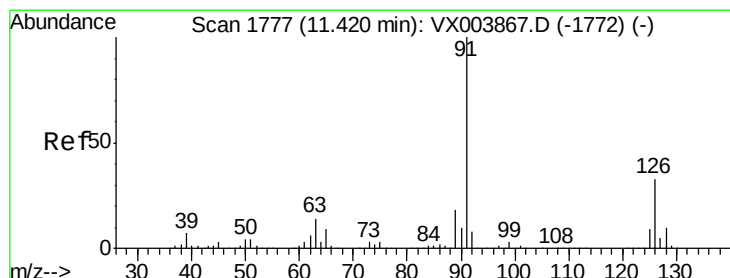
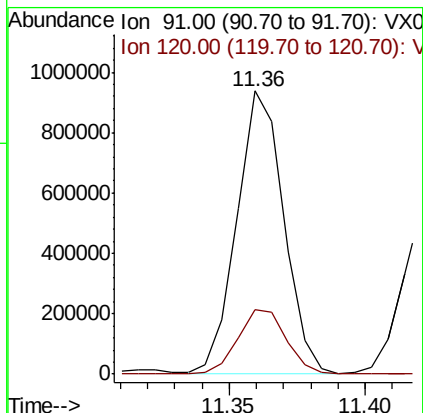
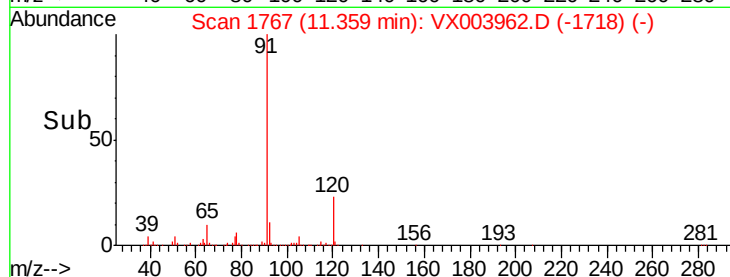
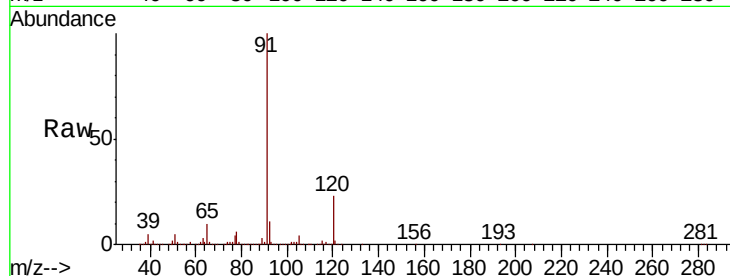
Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

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#79

2-Chlorotoluene

Concen: 49.86 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003962.D

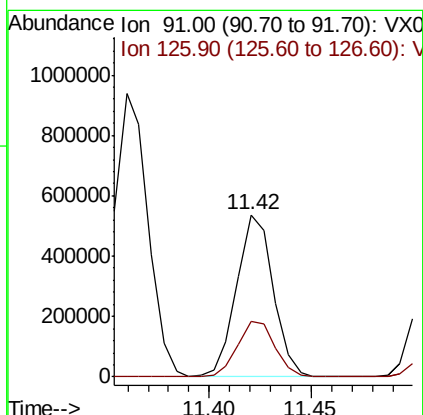
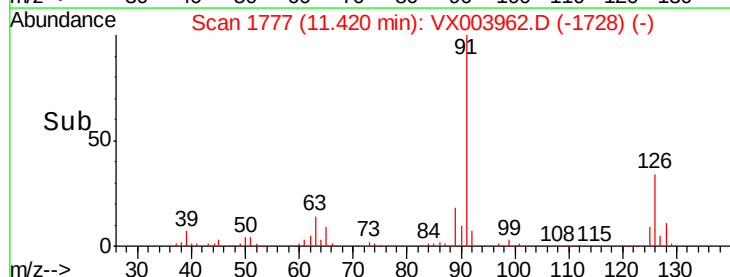
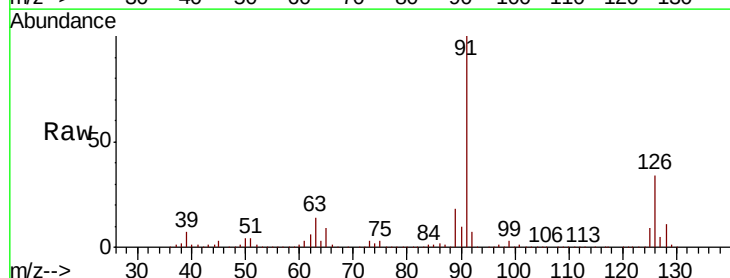
Acq: 09 Aug 2018 20:23

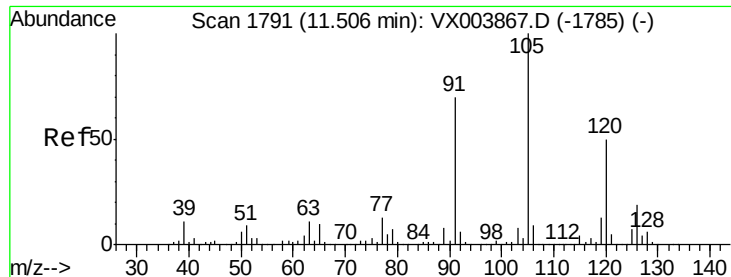
Tgt Ion: 91 Resp: 663928

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 51.61 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

MW-103SMSD

Tot Ion:105 Resp: 818510

Ion Ratio Lower Upper

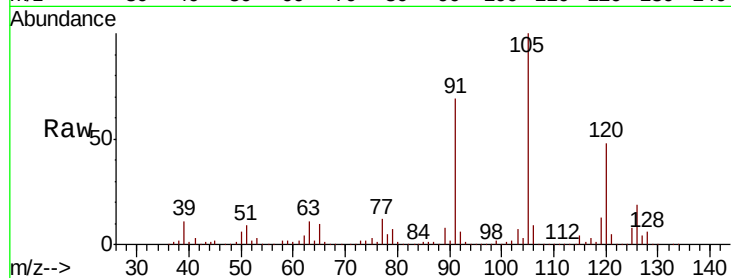
105 100

120 49.6 25.4 76.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

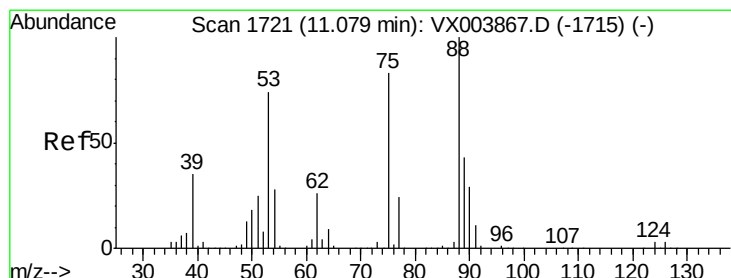
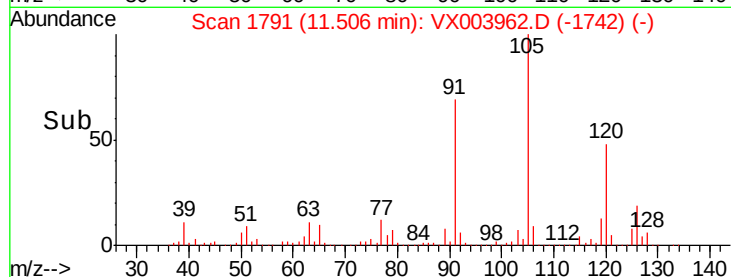
600000

400000

200000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 41.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

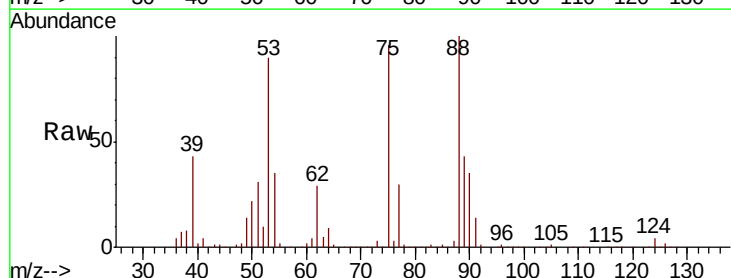
Tgt Ion: 75 Resp: 88182

Ion Ratio Lower Upper

75 100

53 98.7 80.3 120.5

89 44.8 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

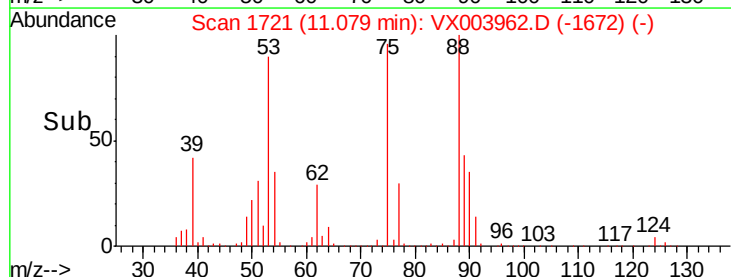
11.08

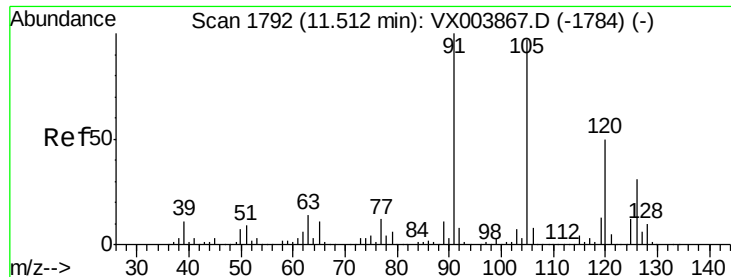
100000

50000

0

Time-->





#82

4-Chlorotoluene

Concen: 49.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 91 Resp: 775872

Ion Ratio Lower Upper

91 100

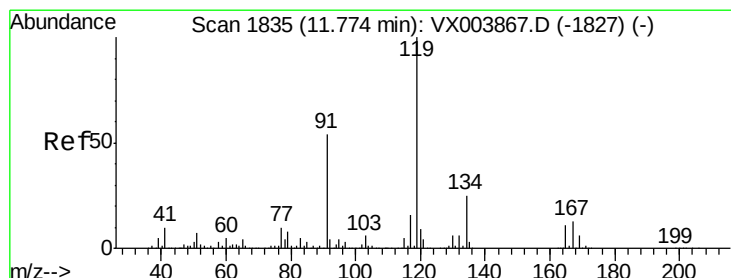
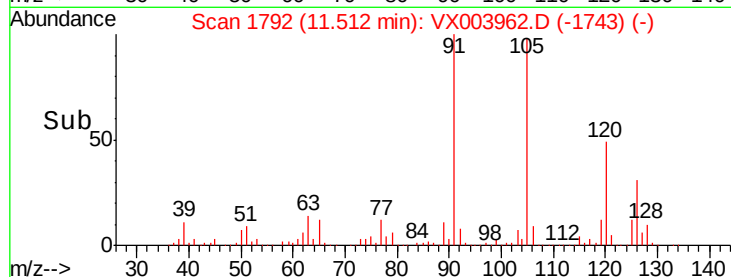
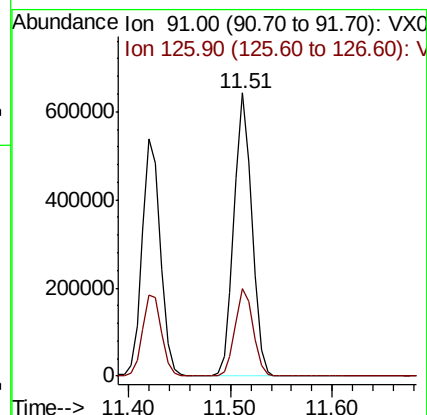
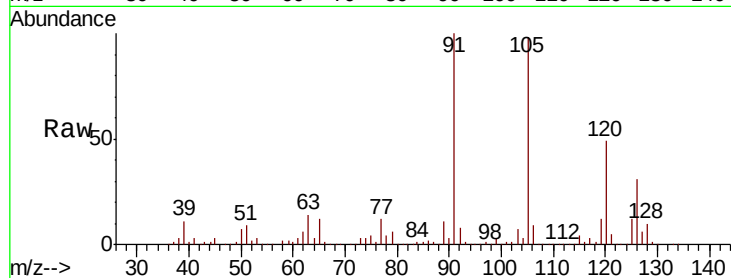
126 31.0 15.6 46.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 53.36 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

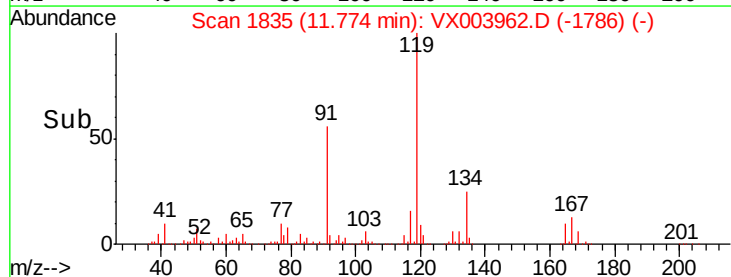
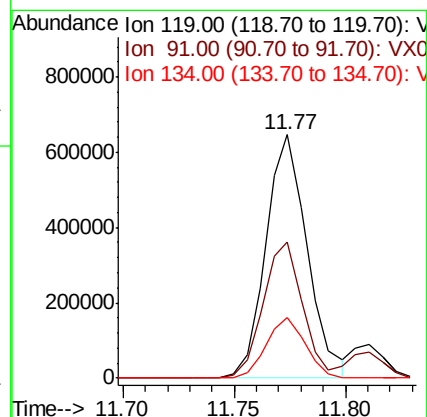
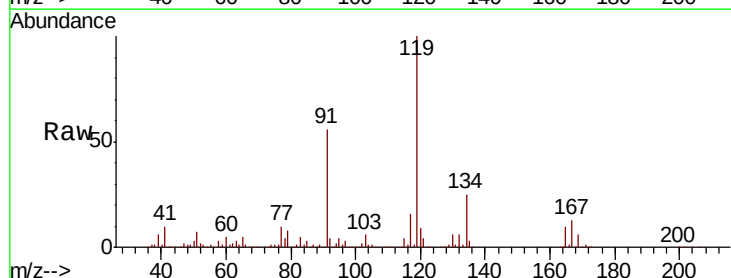
Tgt Ion: 119 Resp: 832568

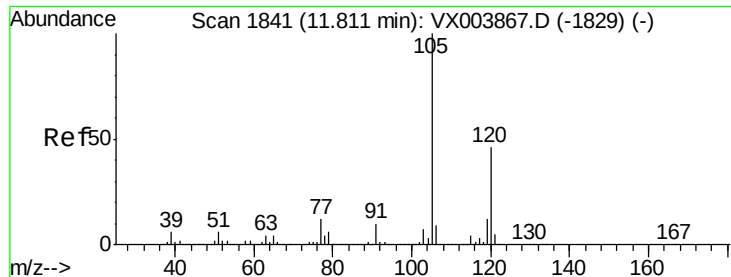
Ion Ratio Lower Upper

119 100

91 53.2 26.9 80.7

134 23.8 12.0 36.0





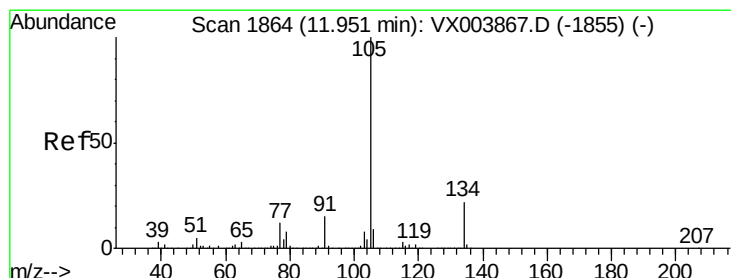
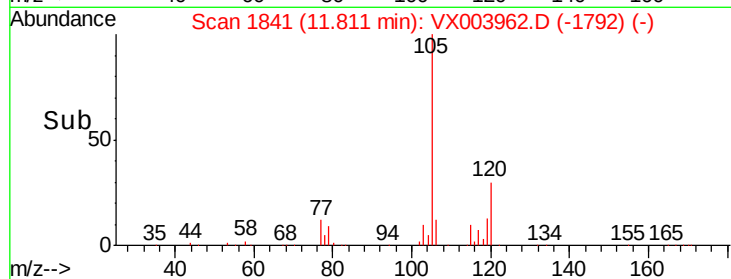
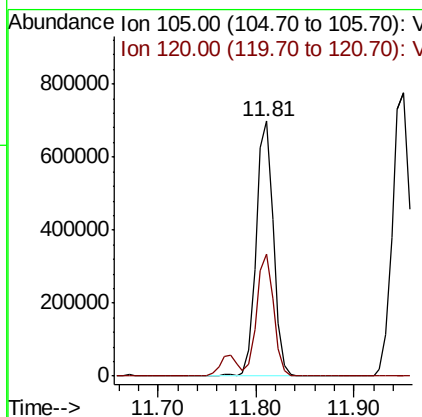
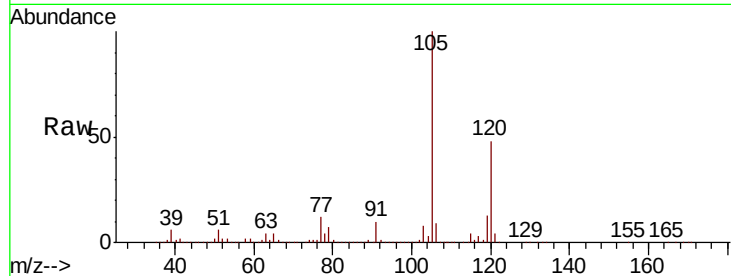
#84
 1,2,4-Trimethylbenzene
 Concen: 53.39 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSMD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2

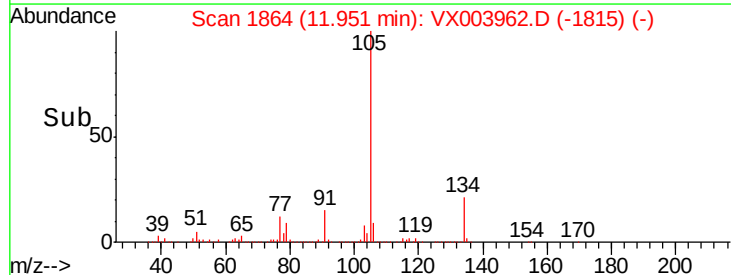
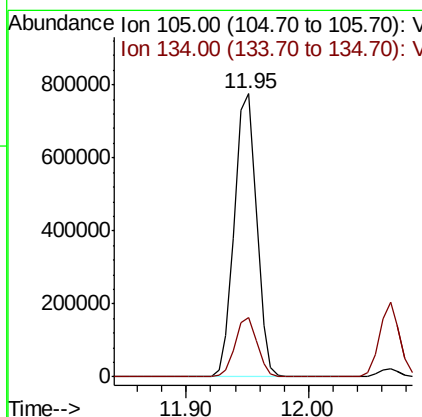
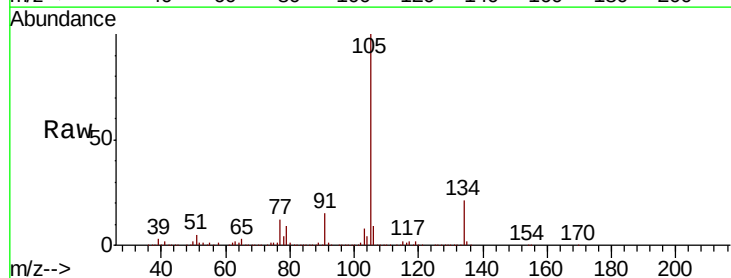
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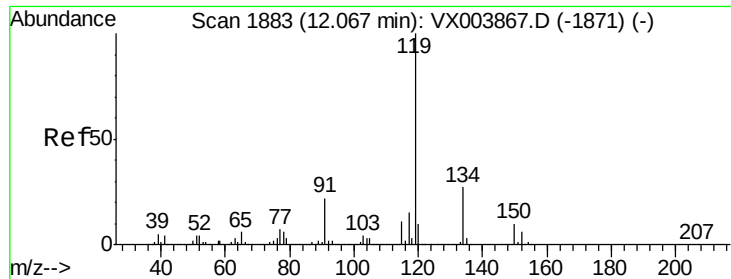
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 52.68 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9





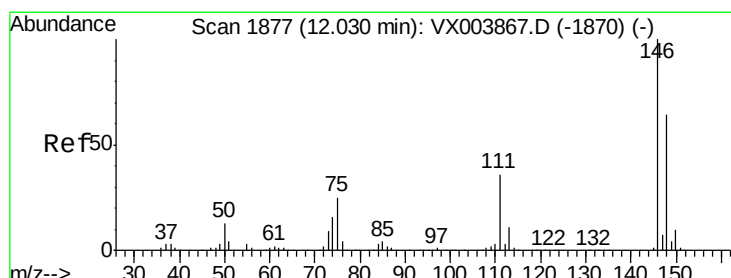
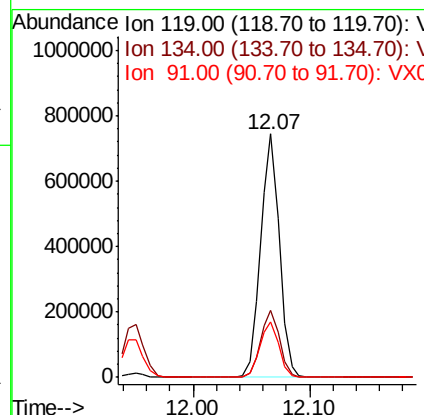
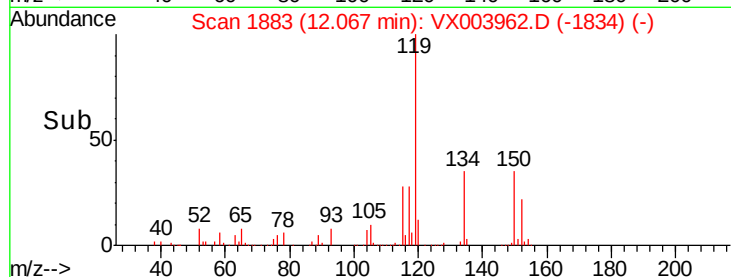
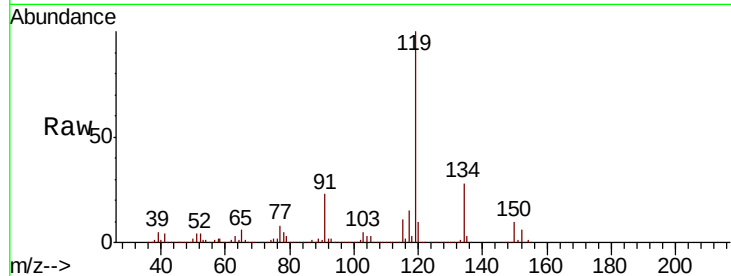
#86
 p-Isopropyltoluene
 Concen: 50.98 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	842385		
134	27.9	13.3	39.8	
91	23.0	10.9	32.7	

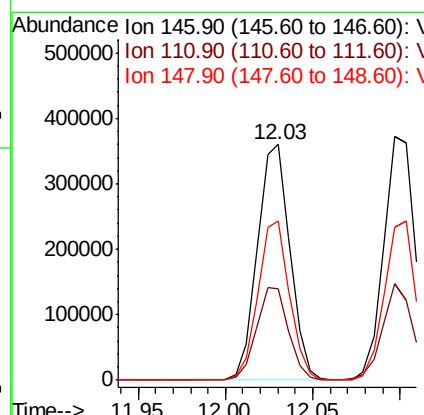
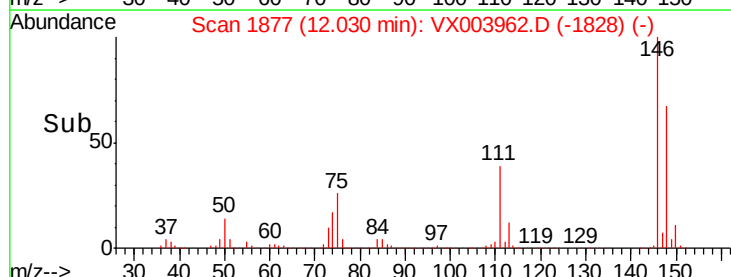
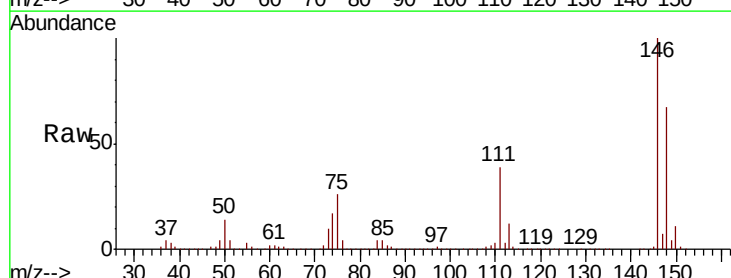
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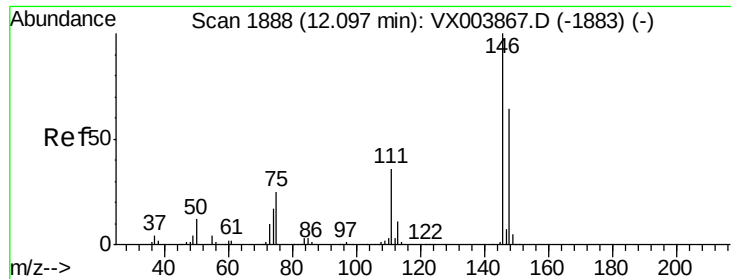
MMDadoda
 8/10/2018 10:56:39 AM



#87
 1,3-Dichlorobenzene
 Concen: 48.56 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	465778		
111	38.8	18.8	56.4	
148	65.4	31.9	95.5	





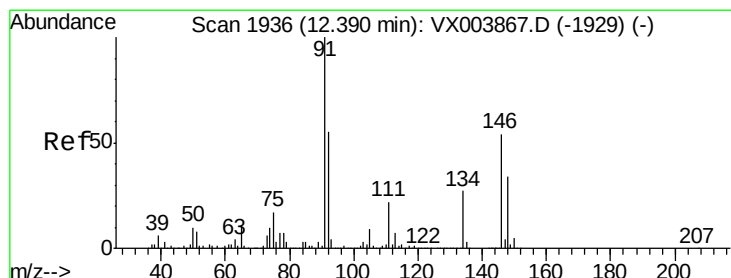
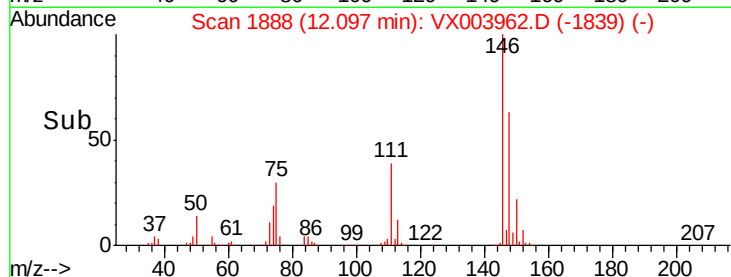
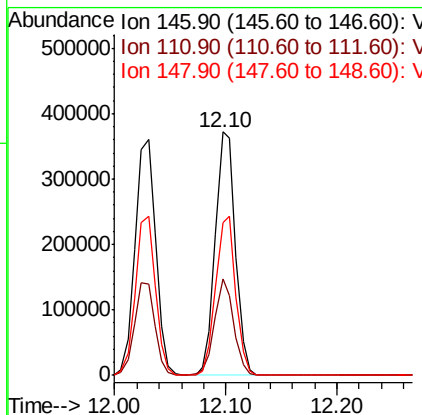
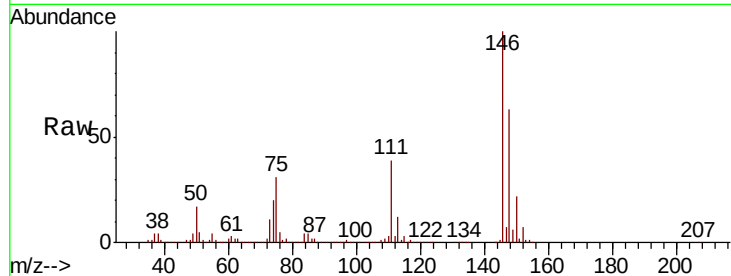
#88
 1,4-Dichlorobenzene
 Concen: 50.82 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSMD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	64.9	32.3	96.8

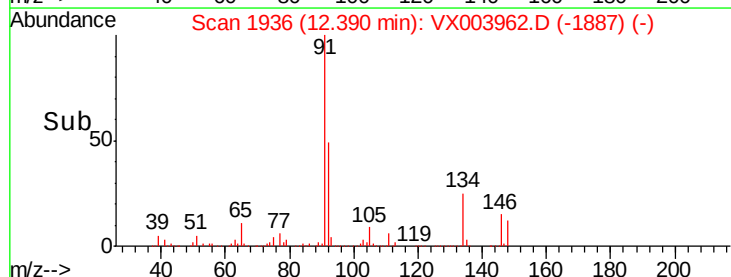
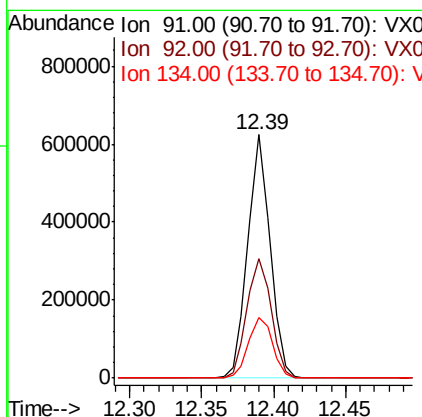
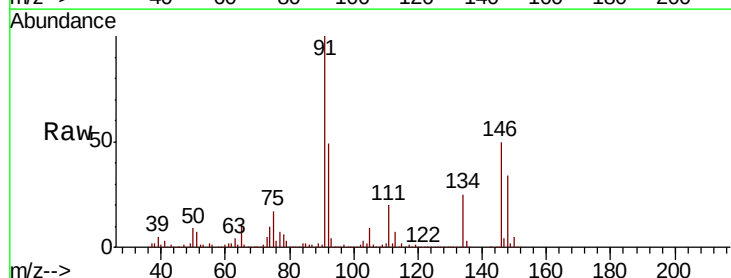
Manual Integrations
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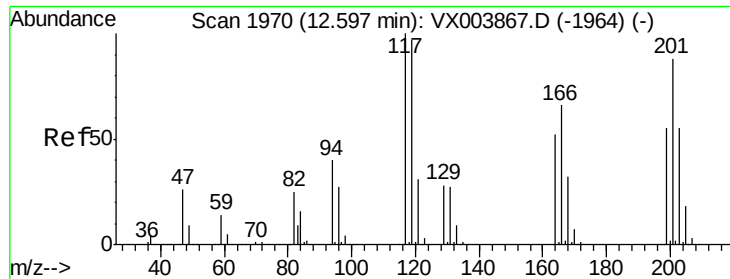
MMDadoda
 8/10/2018 10:56:39 AM



#89
 n-Butylbenzene
 Concen: 46.55 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.1	81.3
134	27.1	13.6	40.7





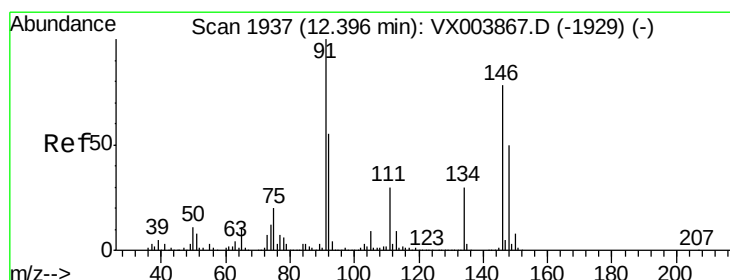
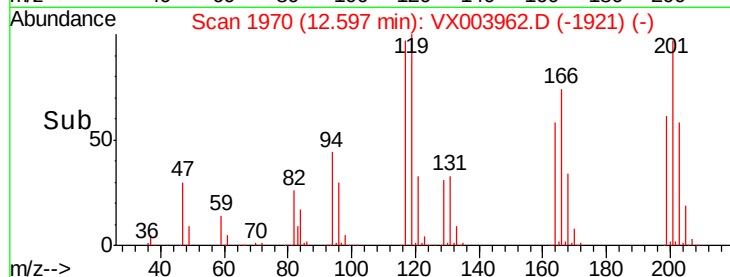
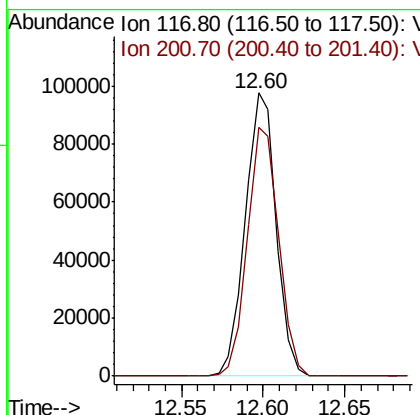
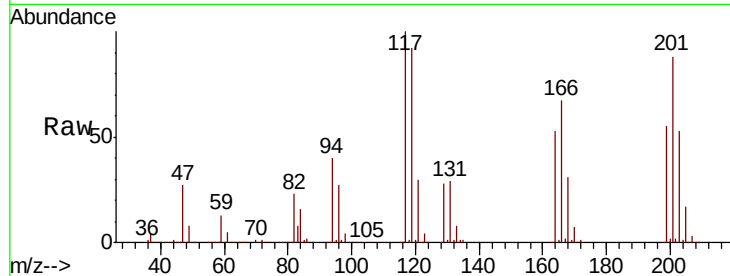
#90
Hexachloroethane
Concen: 47.94 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	128623		
201	89.1	46.1	138.2	

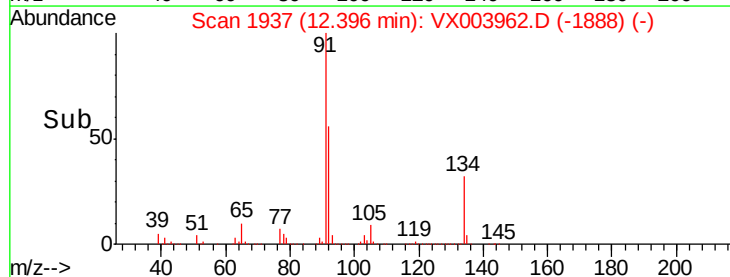
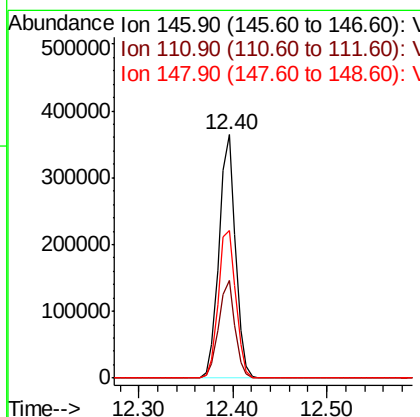
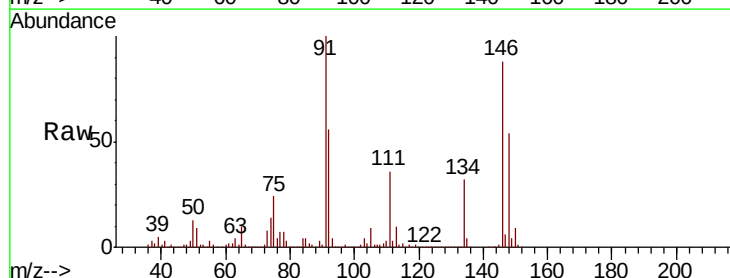
Manual Integrations
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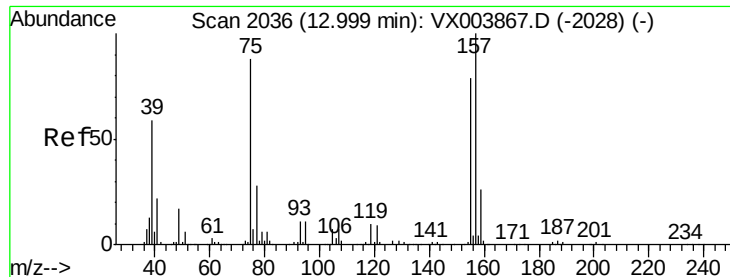
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 46.36 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	440735		
111	39.8	19.7	59.0	
148	64.6	31.9	95.5	





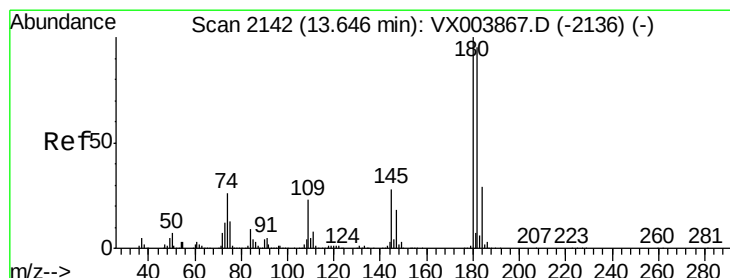
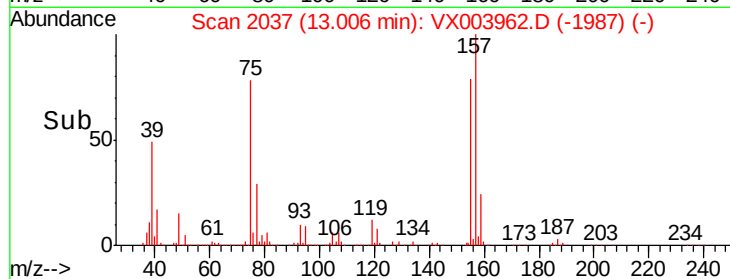
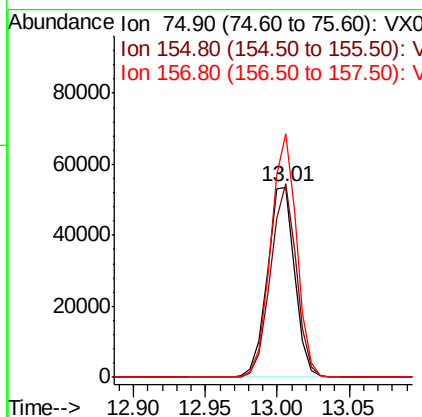
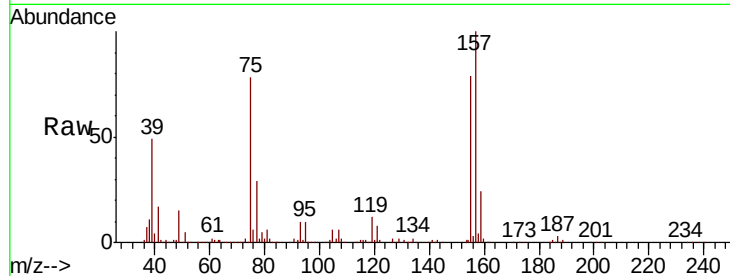
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSMD

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.2	48.7	146.1
157	122.2	62.6	187.8

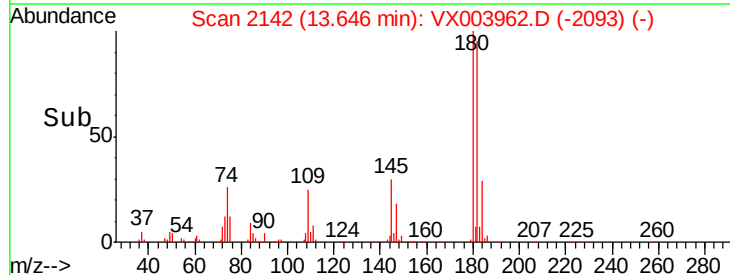
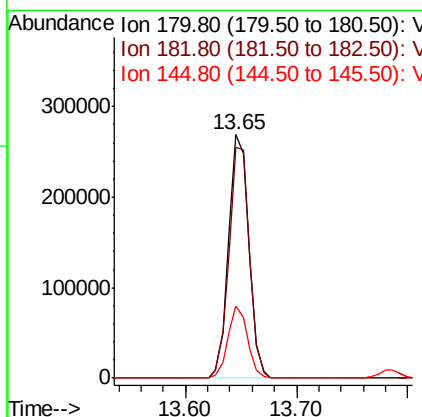
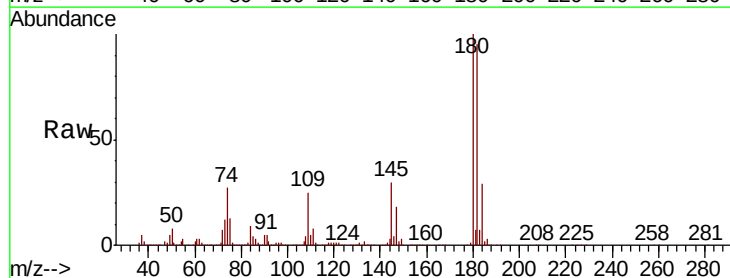
Manual Integrations
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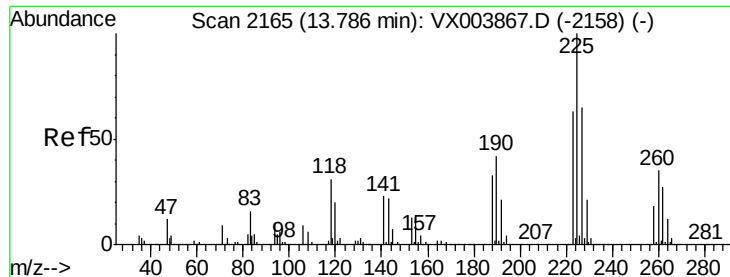
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 8/10/2018 10:56:39 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.39 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.7	143.1
145	28.6	13.9	41.6





#94

Hexachlorobutadiene

Concen: 52.47 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

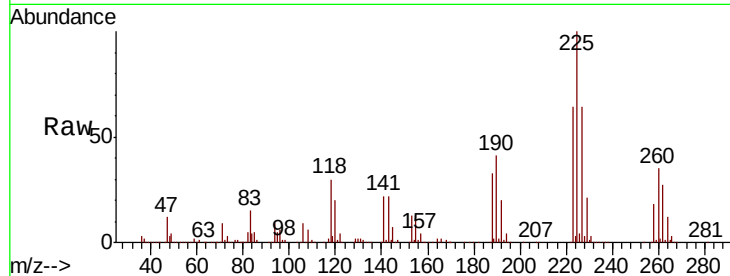
ClientSampleId :

MW-103SMSD

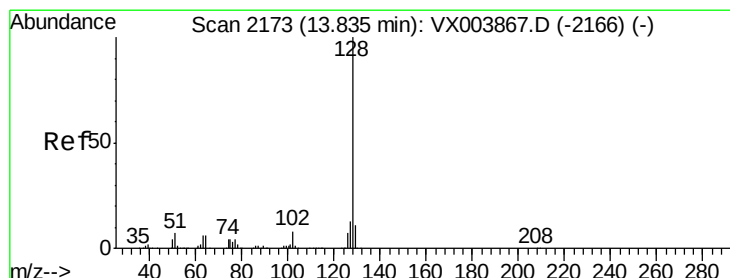
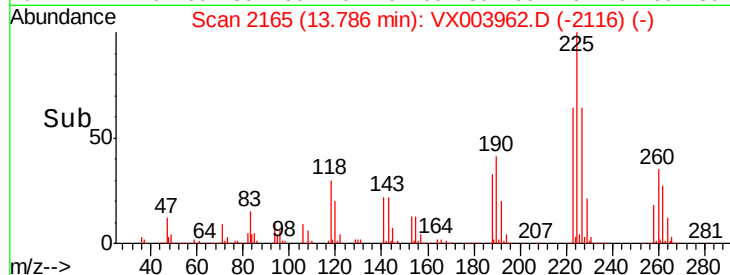
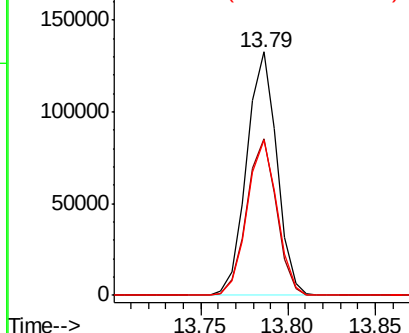
Tot Ion:	225	Resp:	158350
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.4	94.0
227	63.5	32.1	96.5

Manual Integrations
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 74.17 ug/l

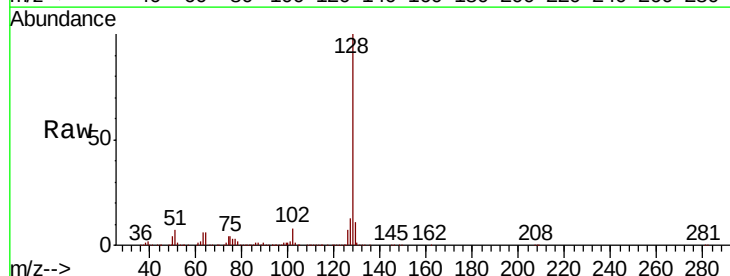
RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

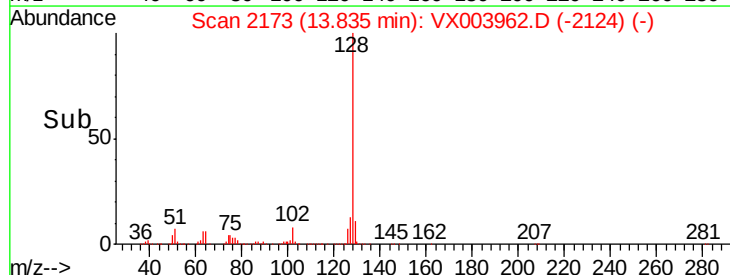
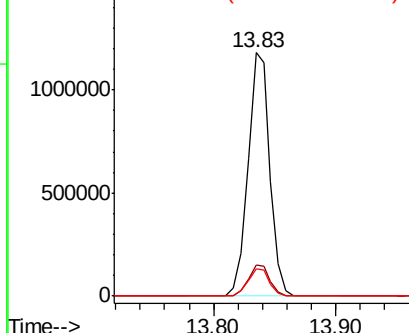
Lab File: VX003962.D

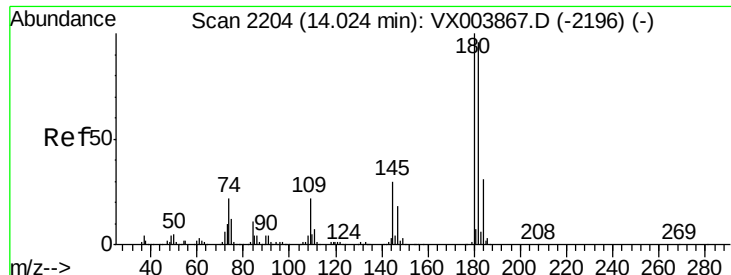
Acq: 09 Aug 2018 20:23

Tgt Ion:	128	Resp:	1452464
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





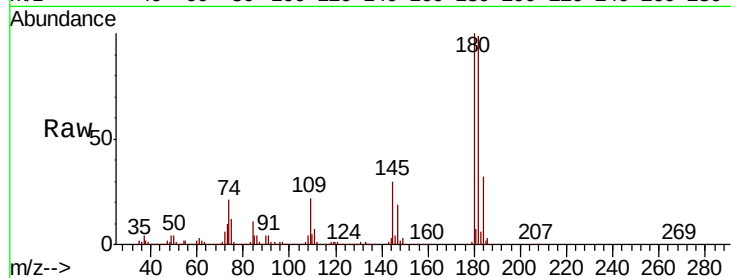
#96
 1,2,3-Trichlorobenzene
 Concen: 53.90 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion:	180	Resp:	367771
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.1	144.4
145	30.5	14.9	44.7

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:39 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

