

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002555.D
 Acq On : 14 Jun 2018 16:46
 Operator : JC/MD
 Sample : J3406-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:53 PM

Quant Time: Jun 15 02:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169456	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	134335	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.72	98	488849	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
62) 4-Bromofluorobenzene	11.14	95	190506	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107165	41.830	ug/l	99
3) Chloromethane	1.32	50	129206	43.651	ug/l	98
4) Vinyl Chloride	1.40	62	165576	51.280	ug/l	99
5) Bromomethane	1.64	94	83465	45.369	ug/l	99
6) Chloroethane	1.71	64	96899	46.394	ug/l	98
7) Trichlorofluoromethane	1.92	101	243551	49.507	ug/l	97
8) Diethyl Ether	2.19	74	95033	54.579	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132473	49.899	ug/l	99
10) Methyl Iodide	2.51	142	165465	44.312	ug/l	98
11) Tert butyl alcohol	3.09	59	199992	279.200	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125944	48.004	ug/l	98
13) Acrolein	2.29	56	57110	159.680	ug/l	98
14) Allyl chloride	2.73	41	246930	43.369	ug/l	100
15) Acrylonitrile	3.15	53	413924	277.010	ug/l	100
16) Acetone	2.45	43	394821	261.358	ug/l	100
17) Carbon Disulfide	2.57	76	287755	41.613	ug/l	99
18) Methyl Acetate	2.78	43	192173	54.682	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	509819	56.093	ug/l	99
20) Methylene Chloride	2.86	84	148369	53.433	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	137135	47.398	ug/l	97
22) Diisopropyl ether	3.88	45	489045	51.457	ug/l	100
23) Vinyl Acetate	3.83	43	2021897	219.054	ug/l	100
24) 1,1-Dichloroethane	3.70	63	263756	46.870	ug/l	99
25) 2-Butanone	4.71	43	568944	235.447	ug/l	96
26) 2,2-Dichloropropane	4.59	77	123017	27.966	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	186689	59.332	ug/l	90
28) Bromochloromethane	5.03	49	127281	53.425	ug/l	96
29) Tetrahydrofuran	5.17	42	371615	238.524	ug/l	99
30) Chloroform	5.22	83	262516	48.344	ug/l	99
31) Cyclohexane	5.58	56	203058	45.632	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	225271	48.916	ug/l	99
36) 1,1-Dichloropropene	5.80	75	179703	46.632	ug/l	99
37) Ethyl Acetate	4.87	43	217201	46.867	ug/l	99
38) Carbon Tetrachloride	5.78	117	195281	48.439	ug/l	99

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Quant Time: Jun 15 02:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196251	41.267	ug/l	97
40) Benzene	6.15	78	552284	46.741	ug/l	99
41) Methacrylonitrile	5.07	41	126167	47.557	ug/l	99
42) 1,2-Dichloroethane	6.20	62	221221	47.123	ug/l	100
43) Isopropyl Acetate	6.47	43	371541	47.200	ug/l	100
44) Trichloroethene	7.21	130	155796	47.508	ug/l	97
45) 1,2-Dichloropropane	7.52	63	150605	47.213	ug/l	100
46) Dibromomethane	7.67	93	102962	47.614	ug/l	99
47) Bromodichloromethane	7.90	83	189497	48.453	ug/l	97
48) Methyl methacrylate	7.78	41	190690	48.227	ug/l	99
49) 1,4-Dioxane	7.76	88	74805	1011.835	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1210109	246.860	ug/l	99
52) Toluene	8.79	92	363479	48.367	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	208541	44.465	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	199769	45.147	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149115	48.243	ug/l	99
56) Ethyl methacrylate	9.18	69	241539	48.947	ug/l	98
57) 1,3-Dichloropropane	9.38	76	249208	48.060	ug/l	99
59) 2-Hexanone	9.50	43	935409	247.049	ug/l	99
60) Dibromochloromethane	9.59	129	158766	51.067	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158659	49.230	ug/l	100
64) Tetrachloroethene	9.34	164	146318	40.373	ug/l	99
65) Chlorobenzene	10.14	112	418838	47.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	156613	49.466	ug/l	100
67) Ethyl Benzene	10.26	91	711820	48.645	ug/l	99
68) m/p-Xylenes	10.37	106	544791	95.775	ug/l	99
69) o-Xylene	10.70	106	273508	48.317	ug/l	98
70) Styrene	10.71	104	454978	49.166	ug/l	99
71) Bromoform	10.86	173	126136	44.866	ug/l #	98
73) Isopropylbenzene	11.02	105	733984	47.636	ug/l	100
74) N-amyl acetate	6.47	43	371541	44.751	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	238539	49.223	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199097m	40.965	ug/l	
77) Bromobenzene	11.26	156	205833	47.584	ug/l	99
78) n-propylbenzene	11.37	91	835828	48.805	ug/l	99
79) 2-Chlorotoluene	11.43	91	499196	46.163	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	621356	47.016	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51823	37.377	ug/l	98
82) 4-Chlorotoluene	11.51	91	589542	47.232	ug/l	99
83) tert-Butylbenzene	11.77	119	642367	49.914	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	636978m	46.822	ug/l	
85) sec-Butylbenzene	11.95	105	744416	49.341	ug/l	99
86) p-Isopropyltoluene	12.07	119	674756	49.100	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	372049	48.103	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	381165	47.812	ug/l	99
89) n-Butylbenzene	12.39	91	580672	50.381	ug/l	100
90) Hexachloroethane	12.60	117	107265	48.897	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	381745	47.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55784	52.639	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	283998	50.613	ug/l	100

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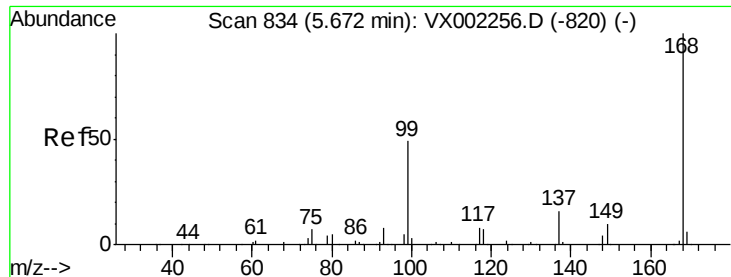
Manual Integrations
APPROVED

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6/15/2018 1:11:53 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135338	48.810	ug/l	99
95) Naphthalene	13.84	128	831895	51.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289435	50.578	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion:168 Resp: 246451

Ion Ratio Lower Upper

168 100

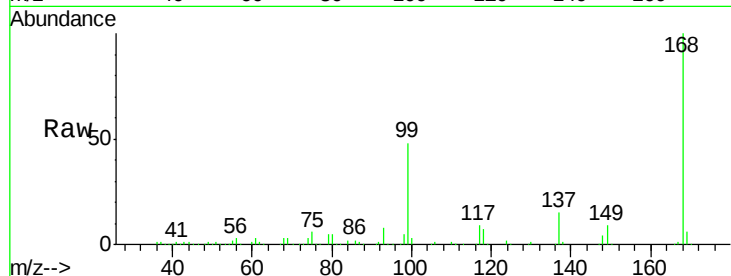
99 47.8 39.3 58.9

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

80000

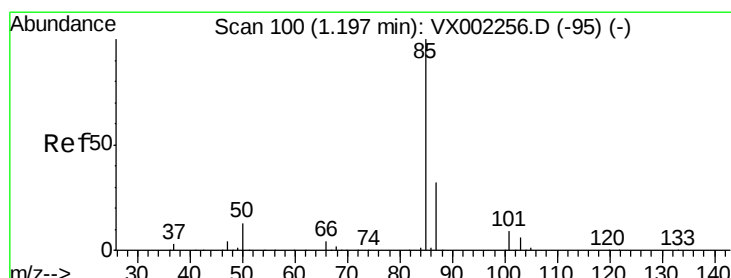
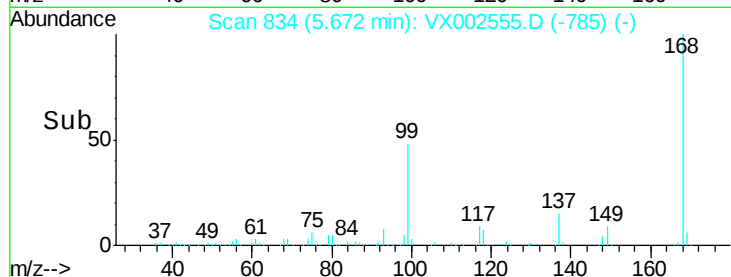
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.830 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002555.D

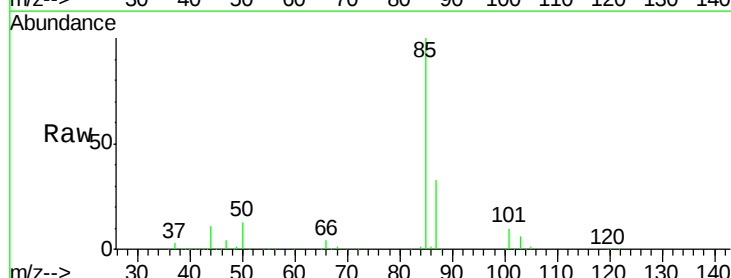
Acq: 14 Jun 2018 16:46

Tgt Ion: 85 Resp: 107165

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

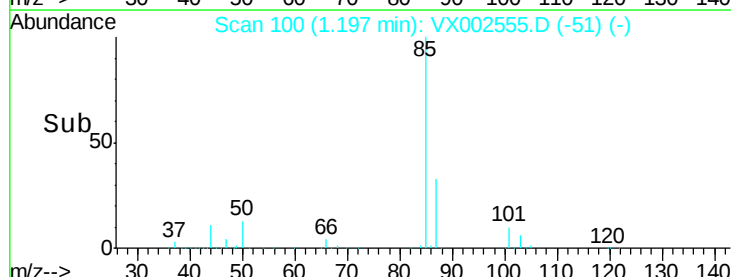
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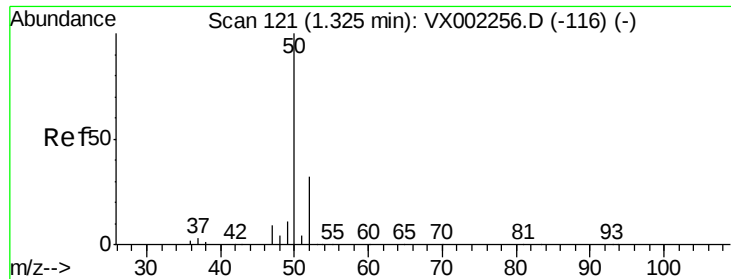
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.651 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 50 Resp: 129206

Ion Ratio Lower Upper

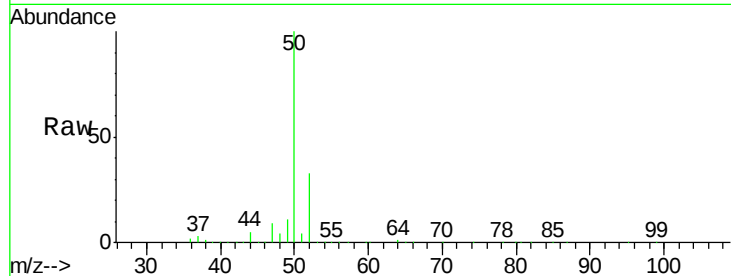
50 100

52 33.3 25.7 38.5

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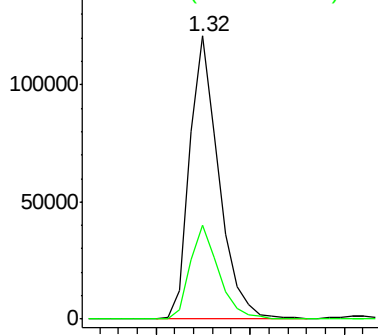
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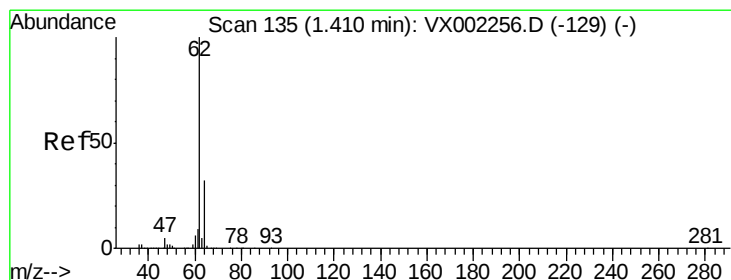
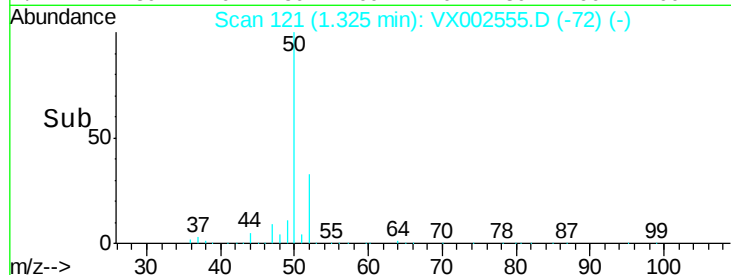


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 51.280 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002555.D

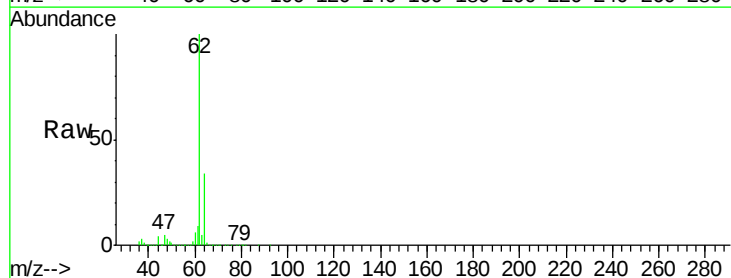
Acq: 14 Jun 2018 16:46

Tgt Ion: 62 Resp: 165576

Ion Ratio Lower Upper

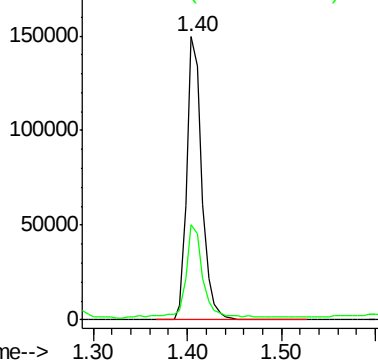
62 100

64 32.5 25.4 38.2

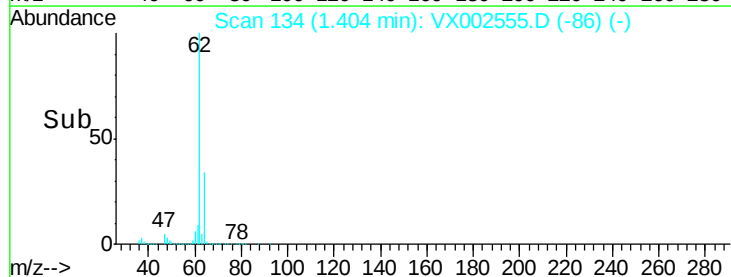


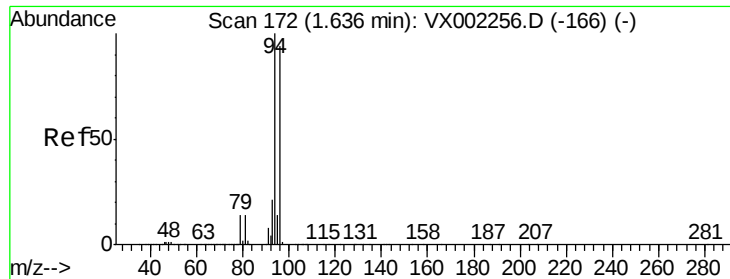
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 45.369 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

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ClientSampleId :

SS050MW109-180606MS

Tot Ion: 94 Resp: 83465

Ion Ratio Lower Upper

94 100

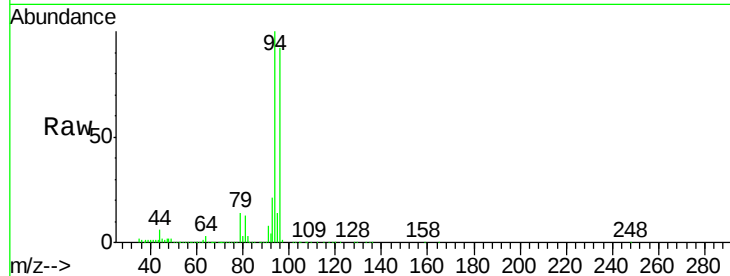
96 92.4 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

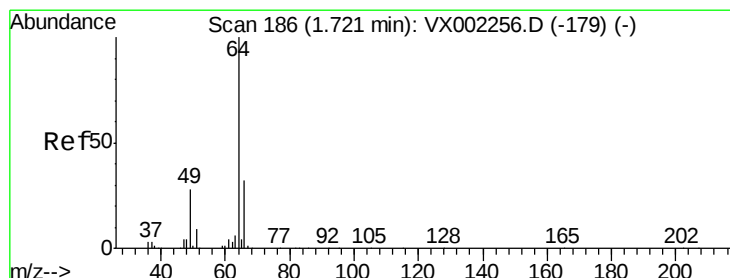
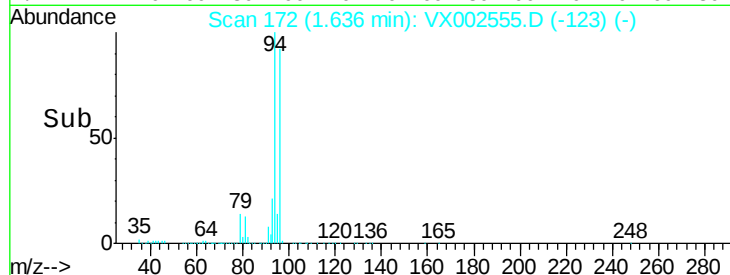
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.394 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002555.D

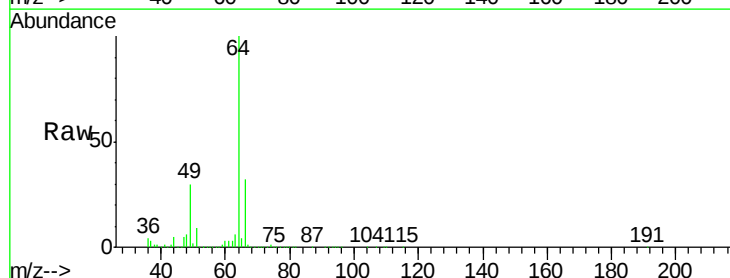
Acq: 14 Jun 2018 16:46

Tgt Ion: 64 Resp: 96899

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

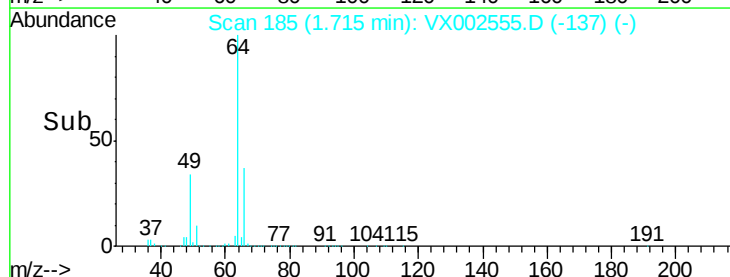
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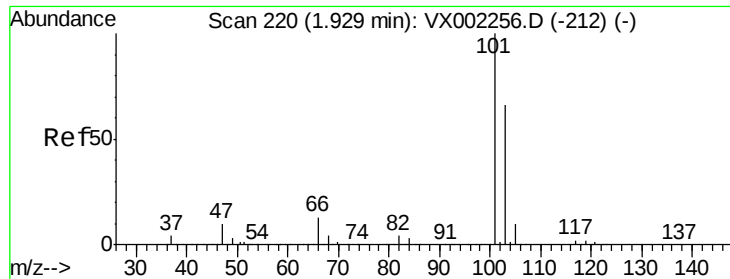
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20000

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Time-->





#7

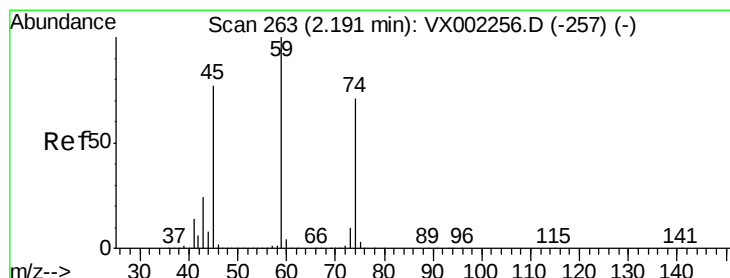
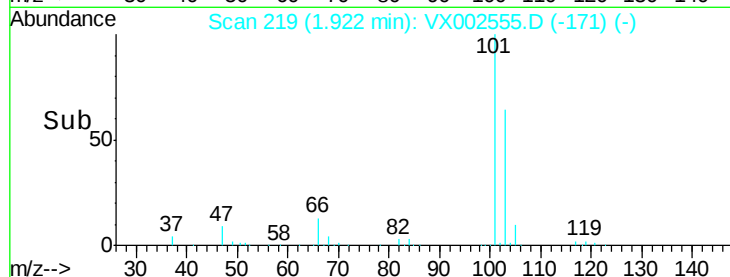
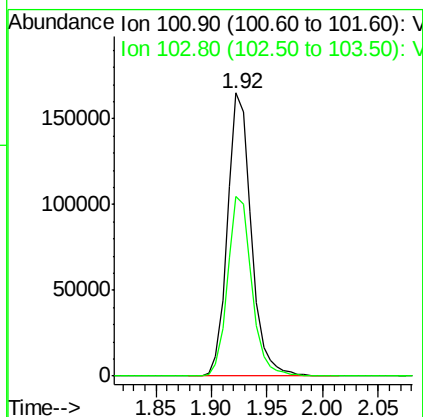
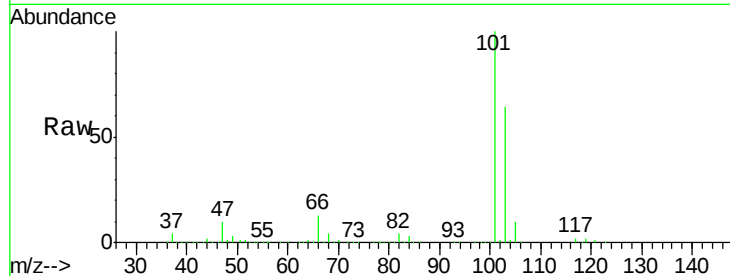
Trichlorofluoromethane
 Concen: 49.507 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		243551		
103	63.7	52.8	79.2		

Manual Integrations
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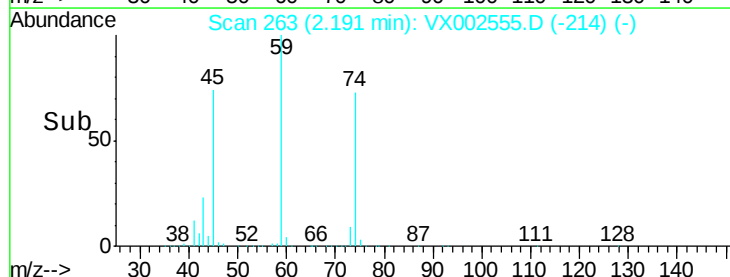
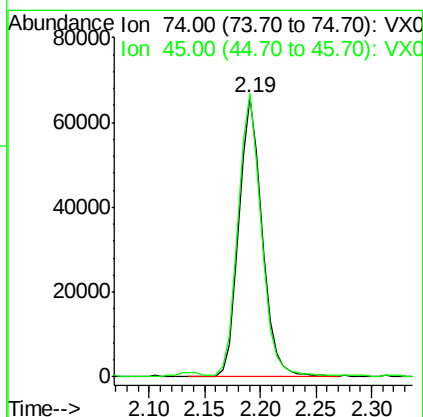
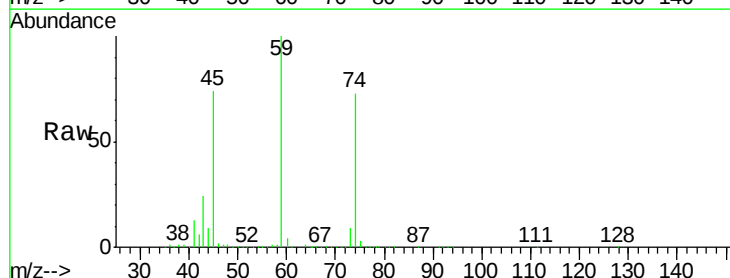
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 6/15/2018 1:11:53 PM

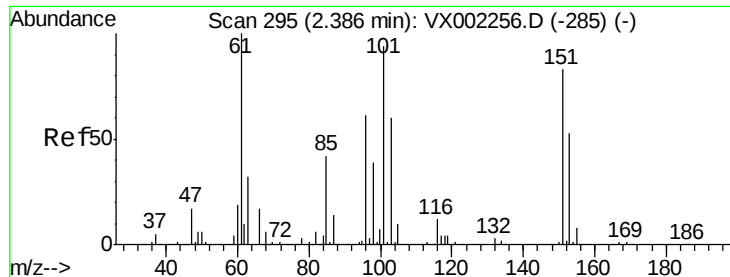


#8

Diethyl Ether
 Concen: 54.579 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		95033		
45	100.9	53.1	159.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.899 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

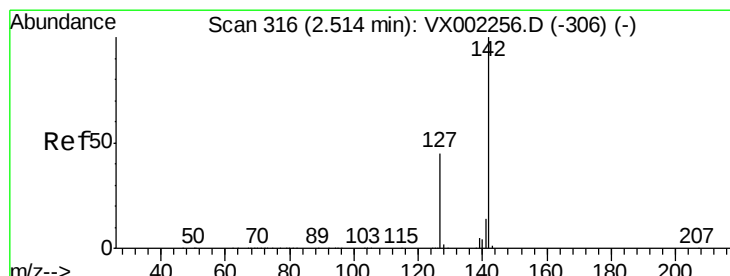
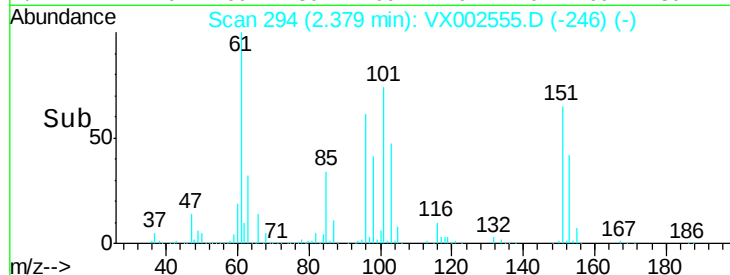
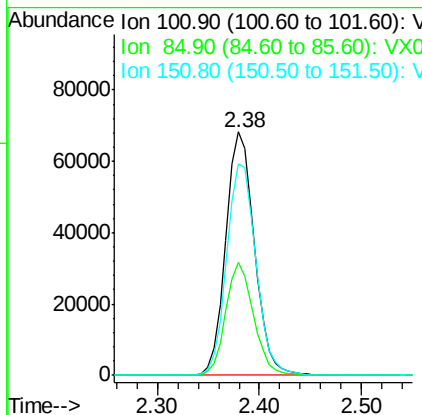
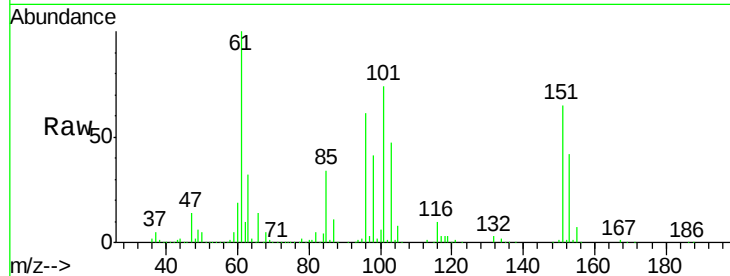
ClientSampleId :

SS050MW109-180606MS

Tot Ion:	101	Resp:	132473
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	89.2	70.9	106.3

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#10

Methyl Iodide

Concen: 44.312 ug/l

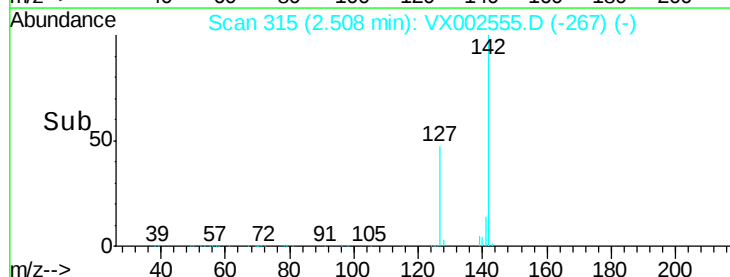
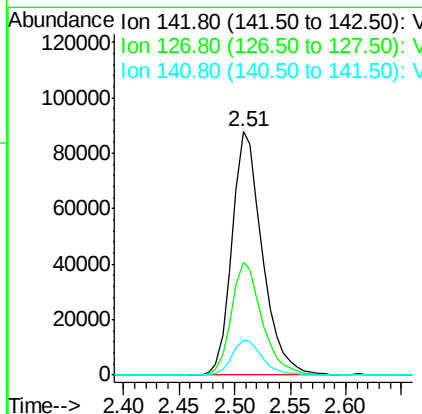
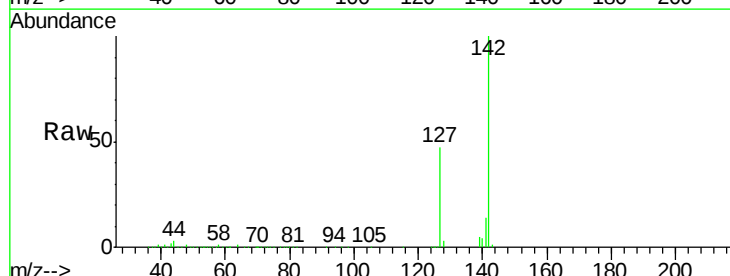
RT: 2.51 min Scan# 315

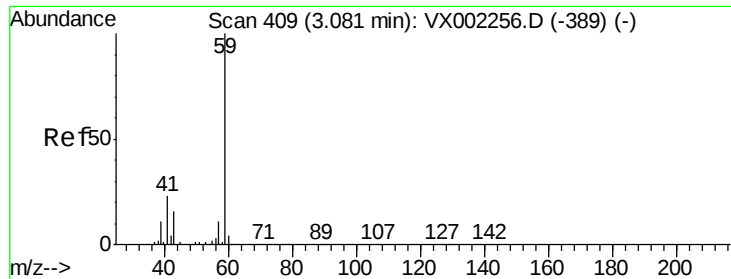
Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion:	142	Resp:	165465
Ion Ratio	Lower	Upper	
142	100		
127	47.0	36.6	55.0
141	14.6	11.3	16.9





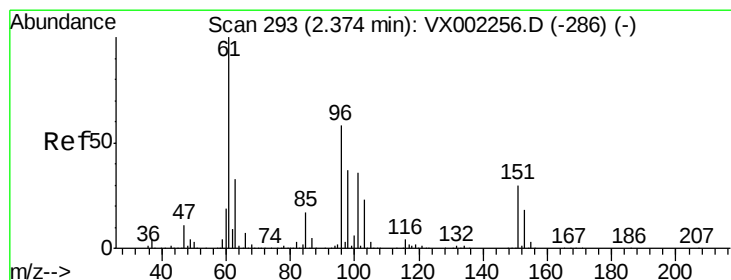
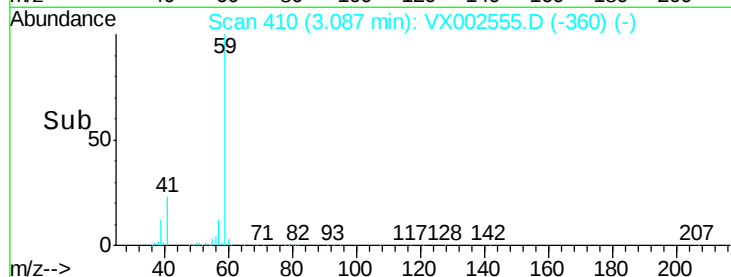
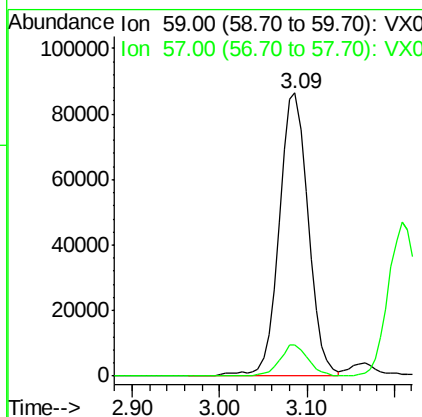
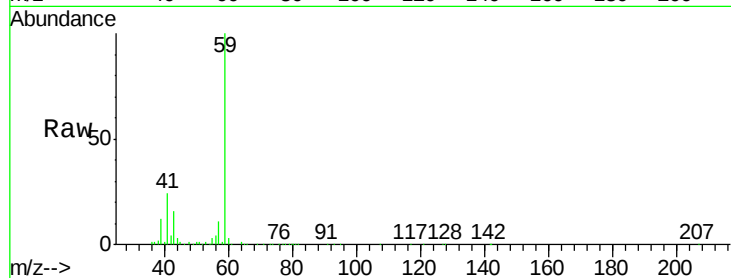
#11
Tert butyl alcohol
Concen: 279.200 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion: 59 Resp: 199992
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

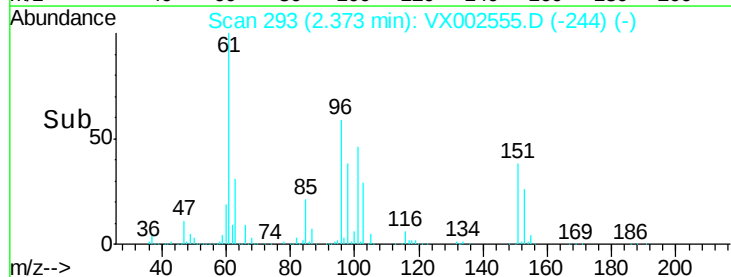
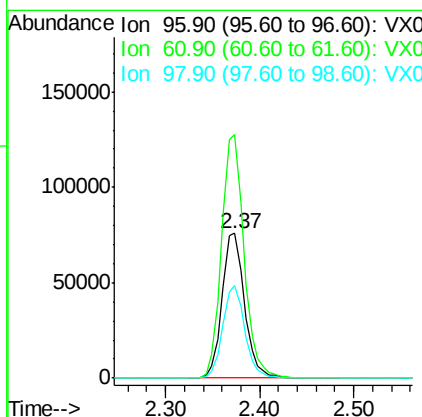
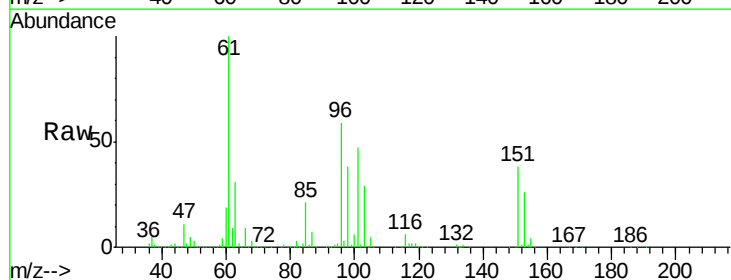
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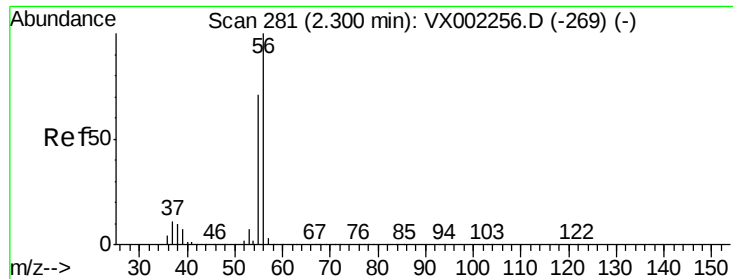
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.004 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 96 Resp: 125944
Ion Ratio Lower Upper
96 100
61 168.2 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 159.680 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 56 Resp: 57110

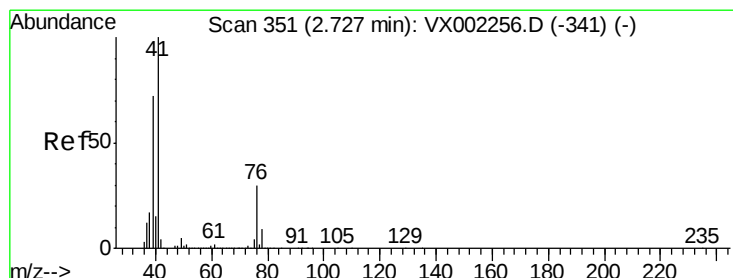
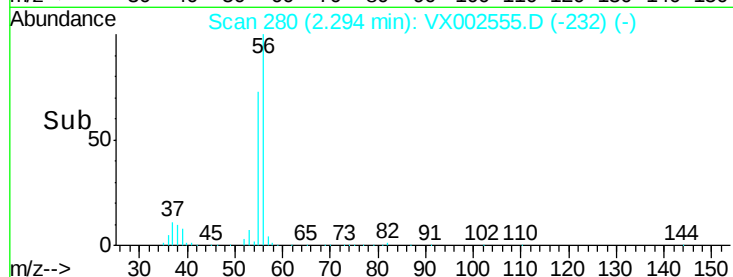
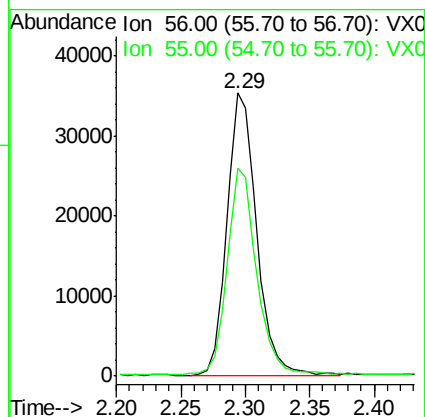
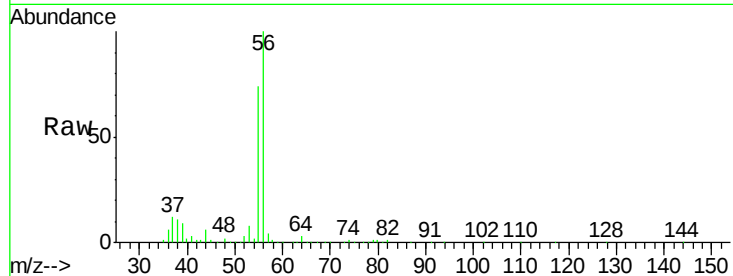
Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4

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#14

Allyl chloride

Concen: 43.369 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

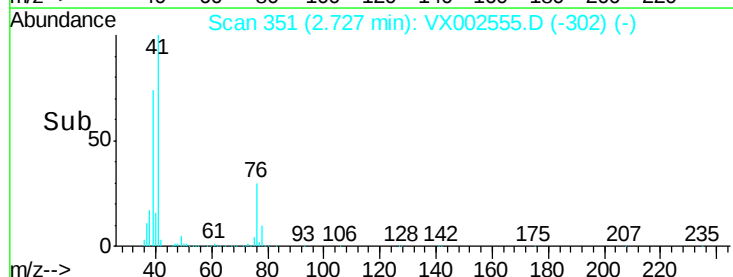
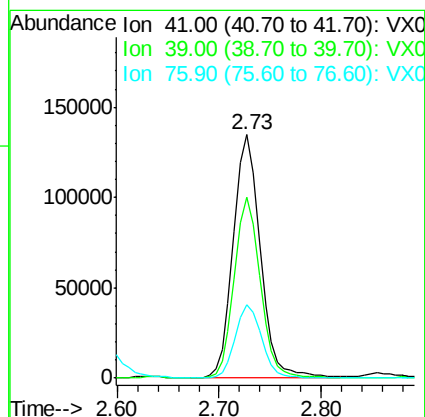
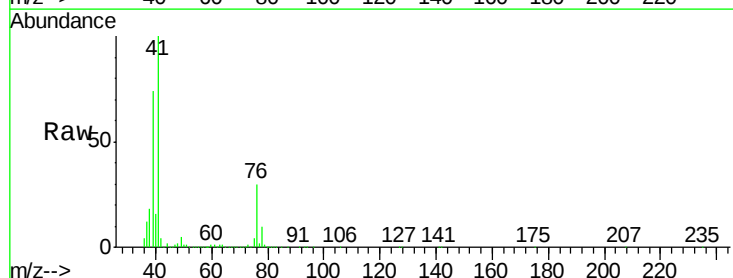
Tgt Ion: 41 Resp: 246930

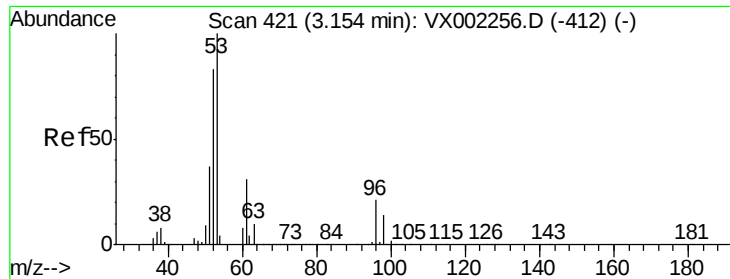
Ion Ratio Lower Upper

41 100

39 71.0 56.8 85.2

76 29.0 23.8 35.8





#15

Acrylonitrile

Concen: 277.010 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

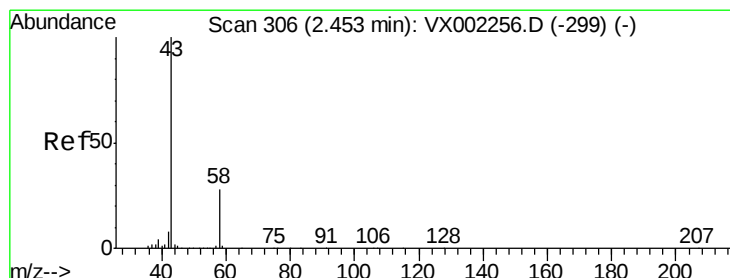
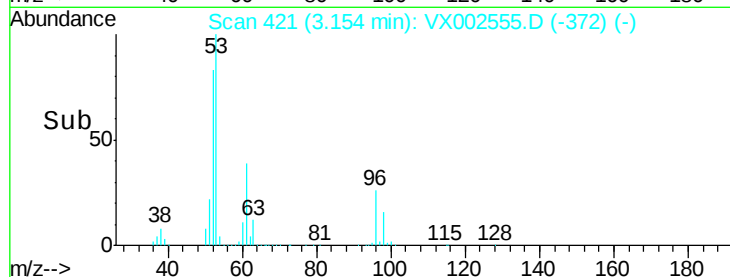
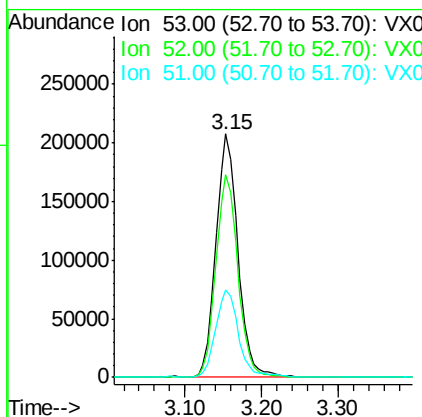
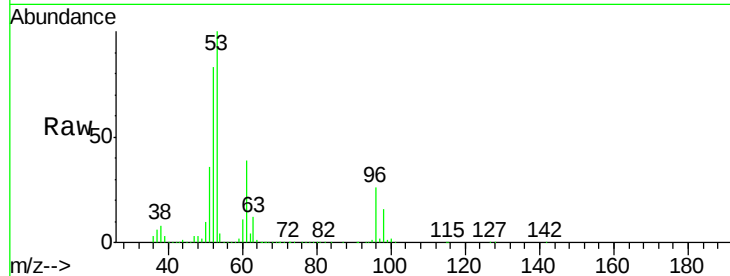
ClientSampleId :

SS050MW109-180606MS

Tot Ion:	53	Resp:	413924
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.7	100.1
51	37.4	29.9	44.9

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#16

Acetone

Concen: 261.358 ug/l

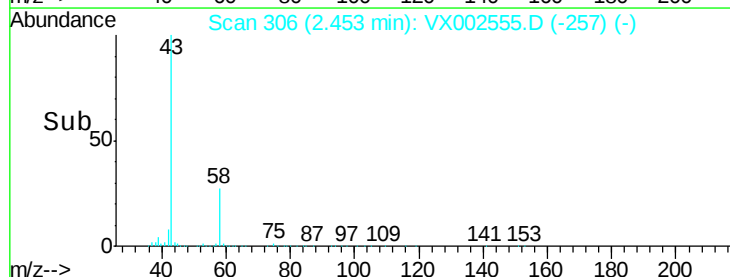
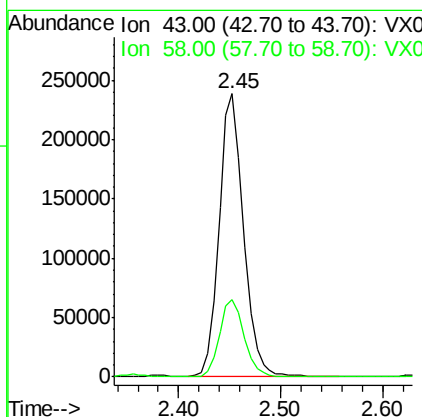
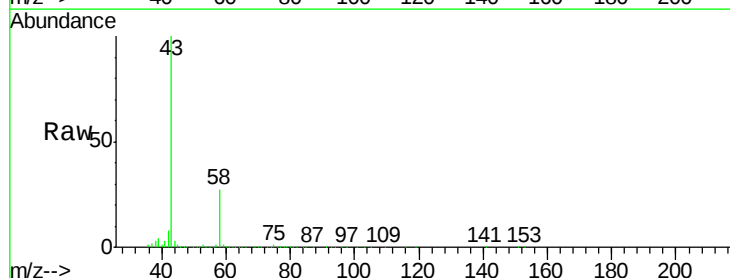
RT: 2.45 min Scan# 306

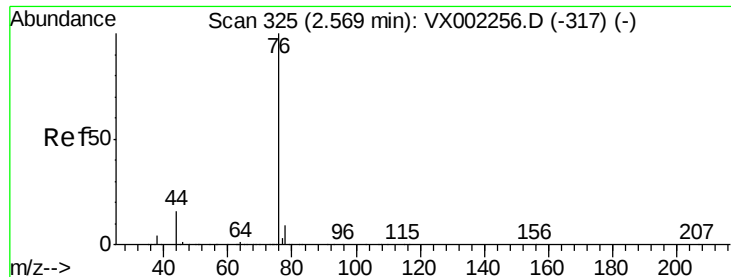
Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion:	43	Resp:	394821
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1





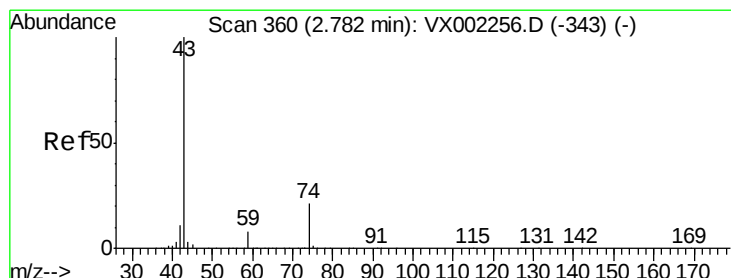
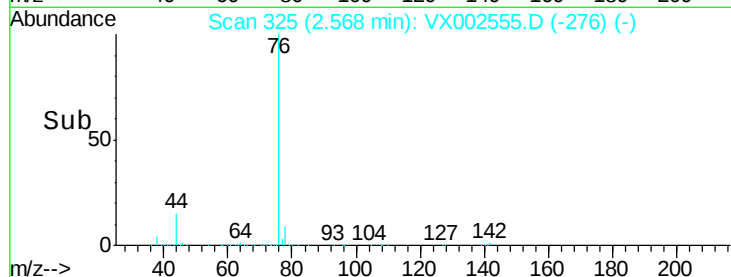
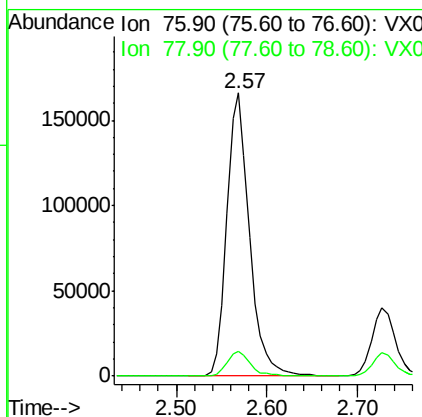
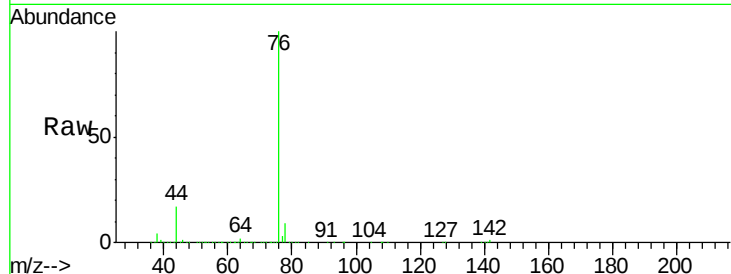
#17
Carbon Disulfide
Concen: 41.613 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Resp	Lower	Upper
76	100	287755		
78	8.9		6.9	10.3

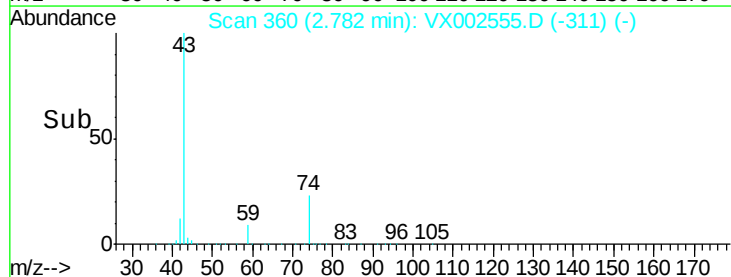
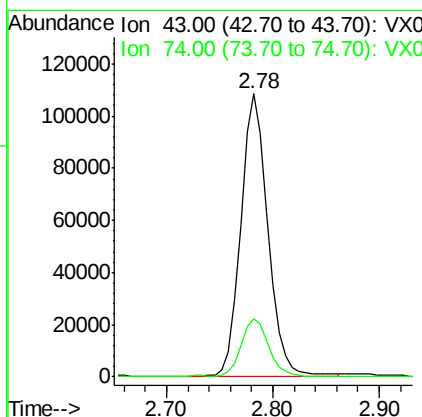
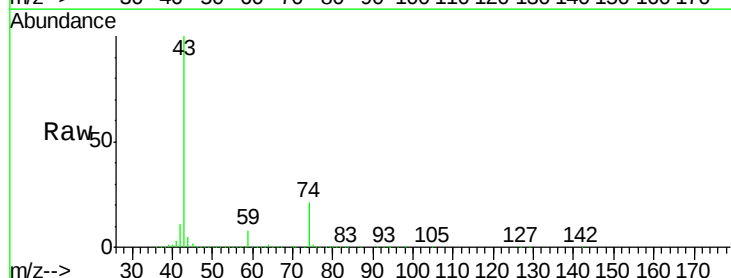
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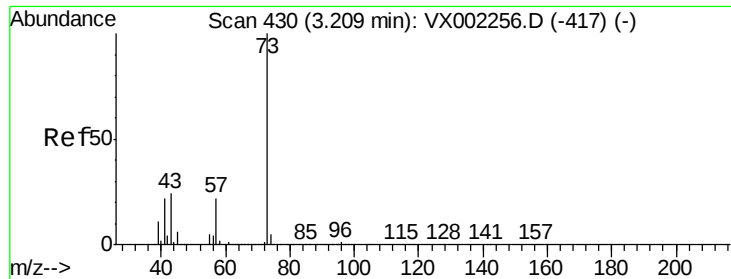
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#18
Methyl Acetate
Concen: 54.682 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	192173		
74	20.7		16.7	25.1





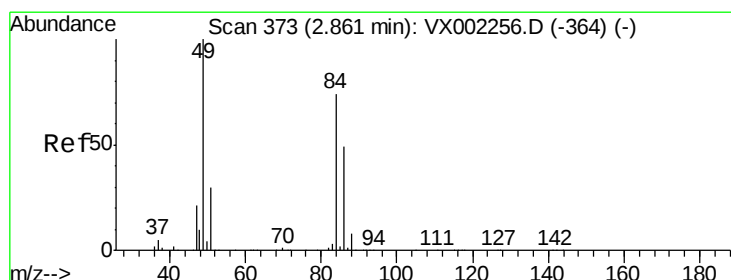
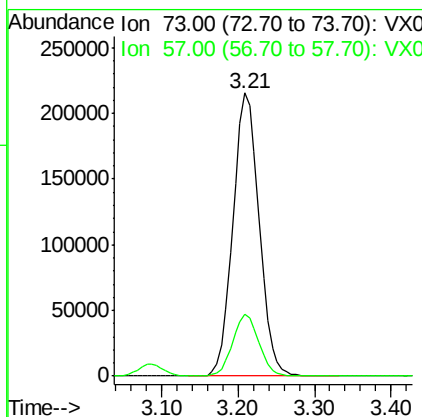
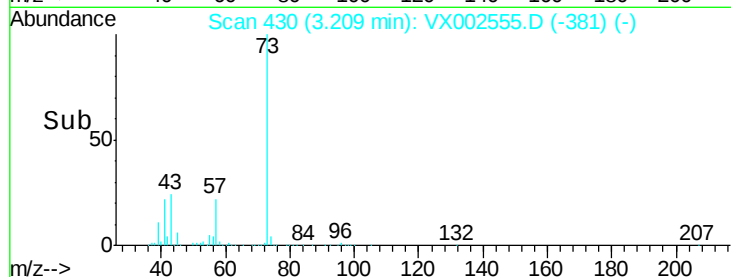
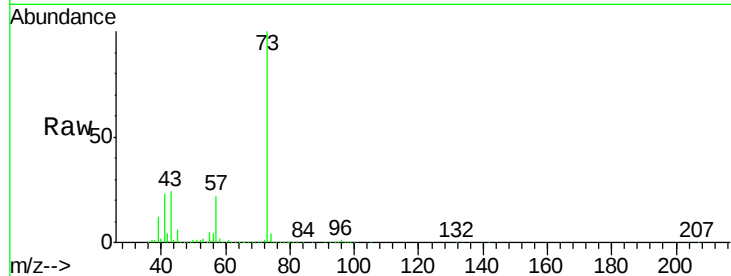
#19
Methvl tert-butvl Ether
Concen: 56.093 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion: 73 Resp: 509819
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

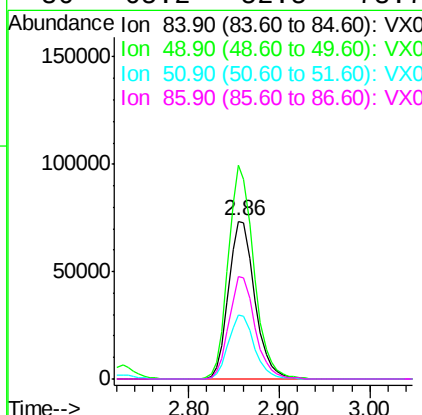
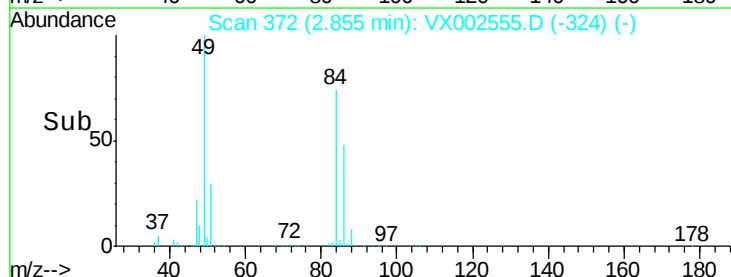
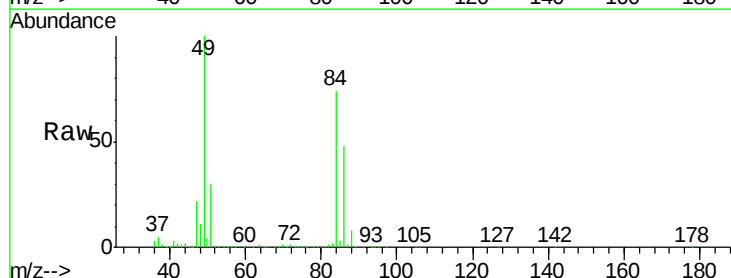
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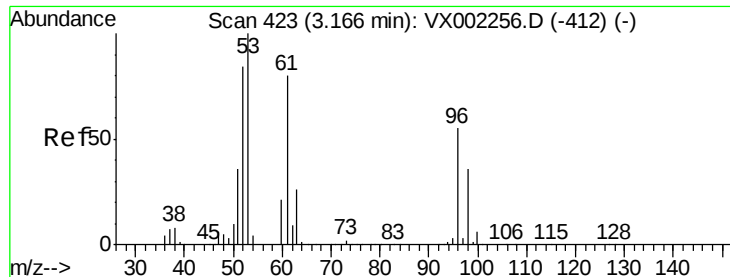
MMDadoda
6/15/2018 1:11:53 PM



#20
Methylene Chloride
Concen: 53.433 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 84 Resp: 148369
Ion Ratio Lower Upper
84 100
49 135.2 107.8 161.6
51 40.7 32.8 49.2
86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.398 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

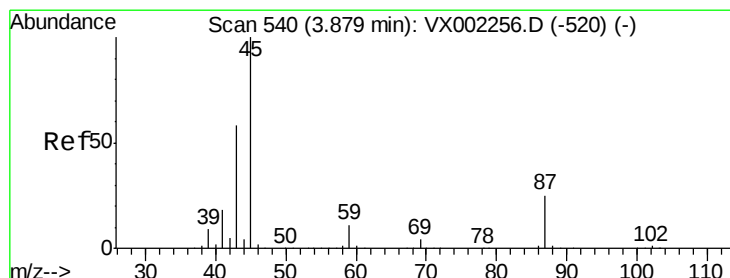
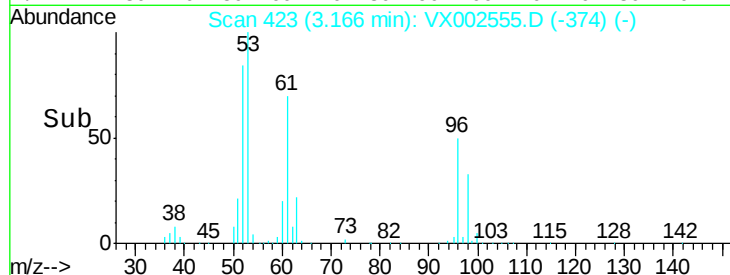
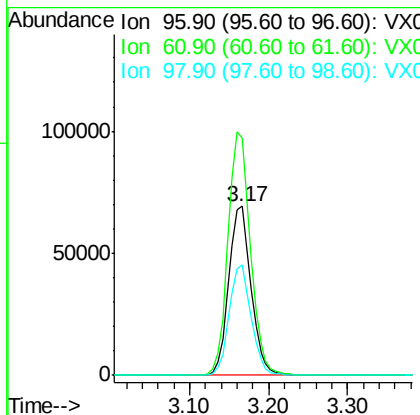
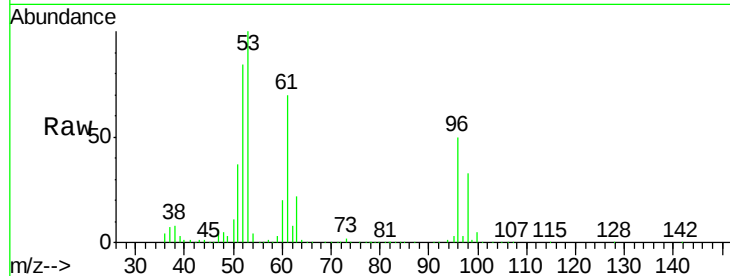
ClientSampleId :

SS050MW109-180606MS

Tot Ion:	96	Resp:	137135
Ion	Ratio	Lower	Upper
96	100		
61	140.3	117.0	175.4
98	65.1	52.4	78.6

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#22

Diisopropyl ether

Concen: 51.457 ug/l

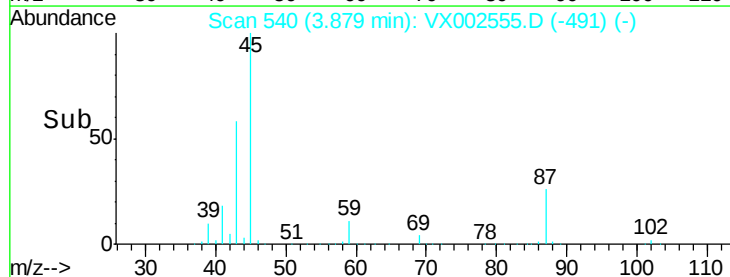
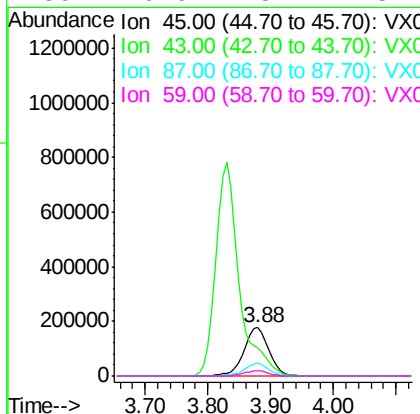
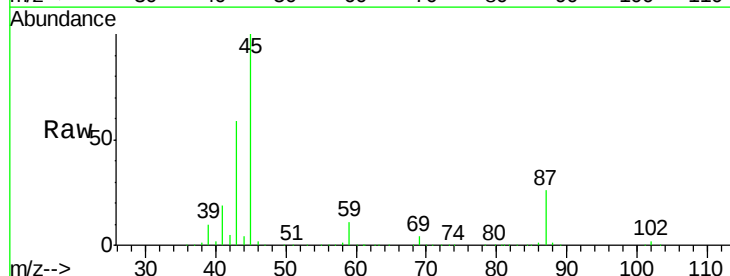
RT: 3.88 min Scan# 540

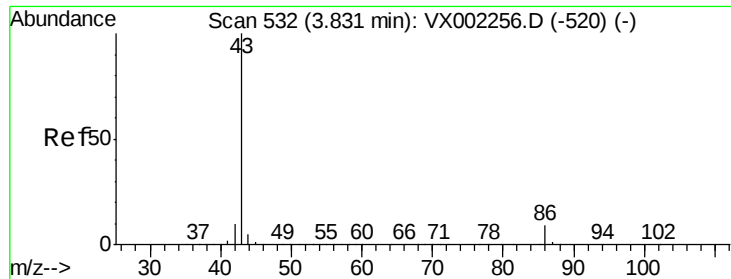
Delta R.T. 0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion:	45	Resp:	489045
Ion	Ratio	Lower	Upper
45	100		
43	58.4	46.8	70.2
87	25.9	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 219.054 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 43 Resp: 2021897

Ion Ratio Lower Upper

43 100

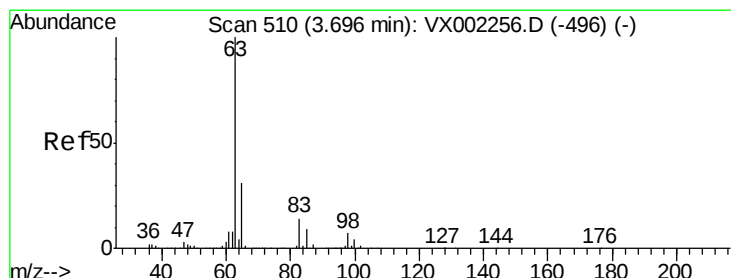
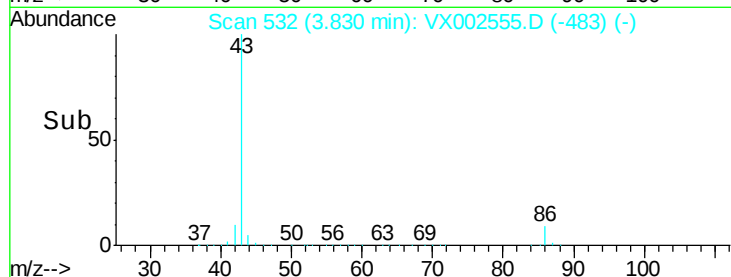
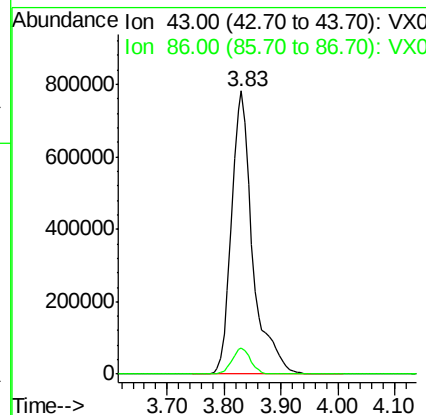
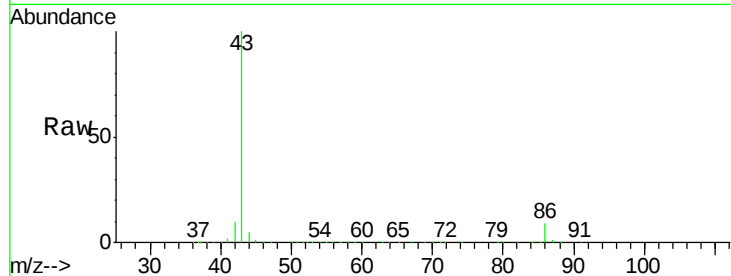
86 9.3 7.4 11.0

Manual Integrations

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6/15/2018 1:11:53 PM



#24

1,1-Dichloroethane

Concen: 46.870 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

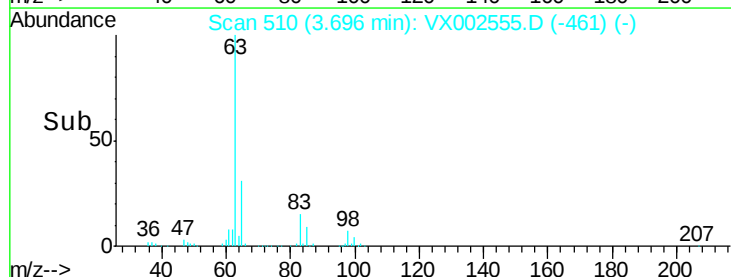
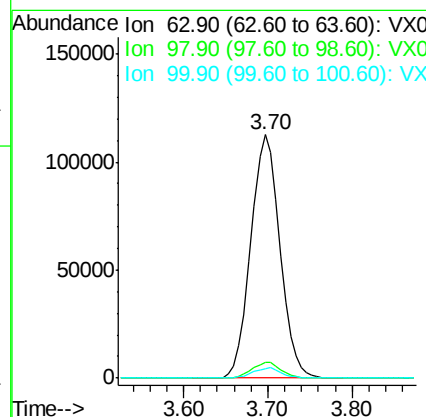
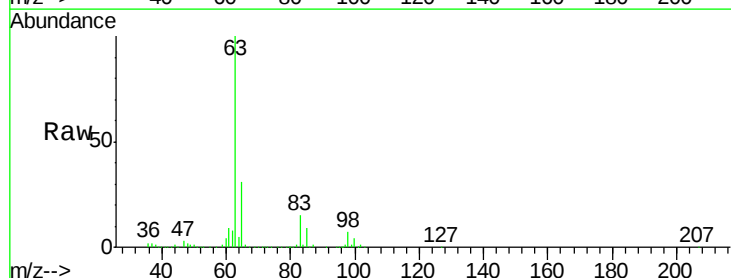
Tgt Ion: 63 Resp: 263756

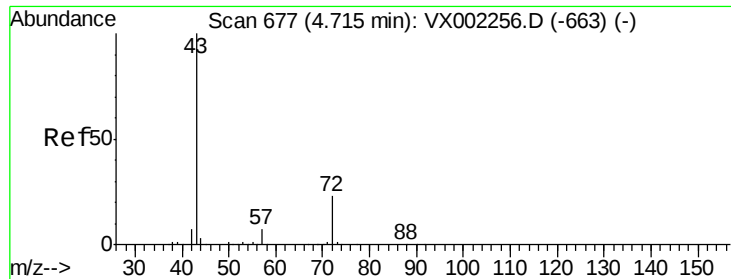
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 235.447 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 43 Resp: 568944

Ion Ratio Lower Upper

43 100

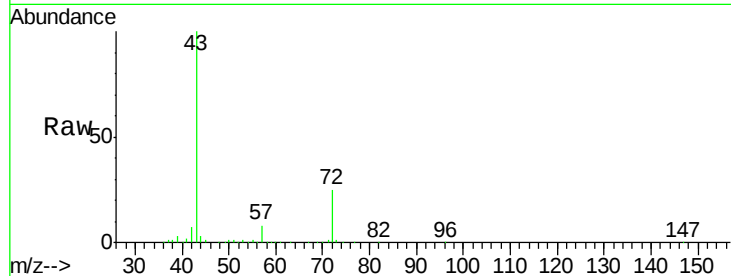
72 24.9 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

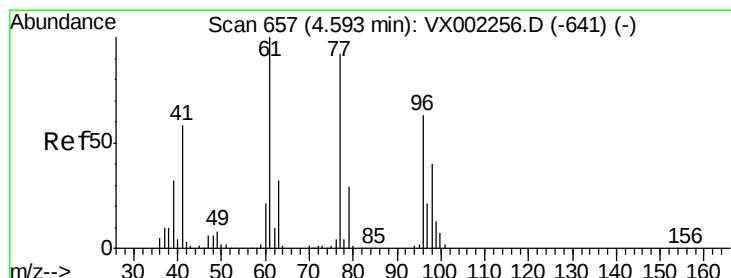
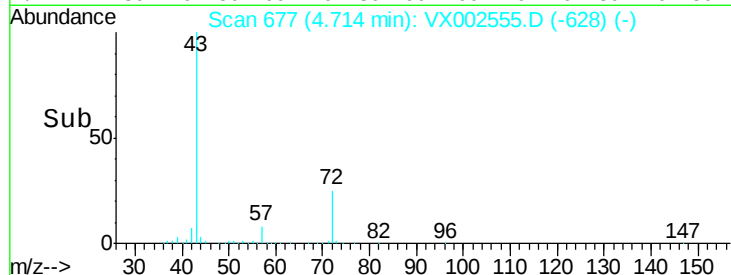
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 27.966 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002555.D

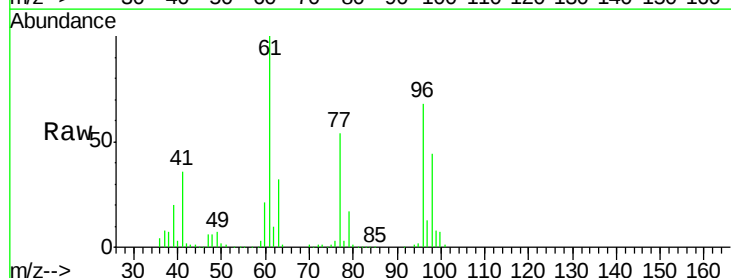
Acq: 14 Jun 2018 16:46

Tgt Ion: 77 Resp: 123017

Ion Ratio Lower Upper

77 100

97 25.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

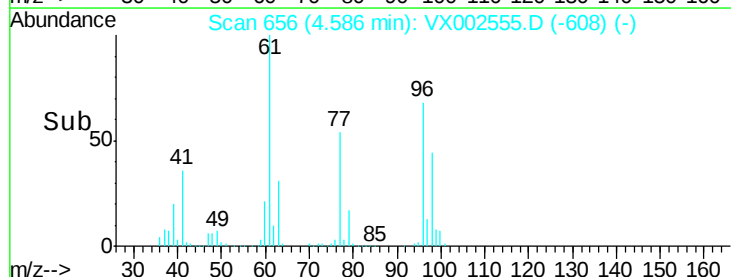
20000

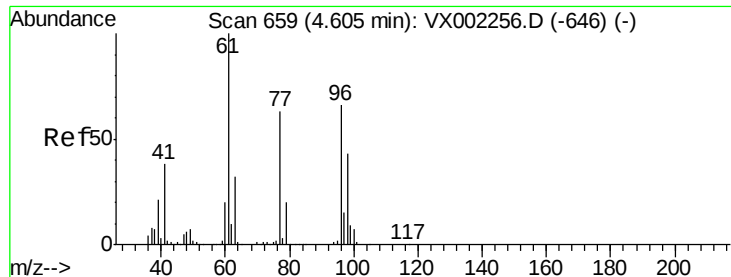
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

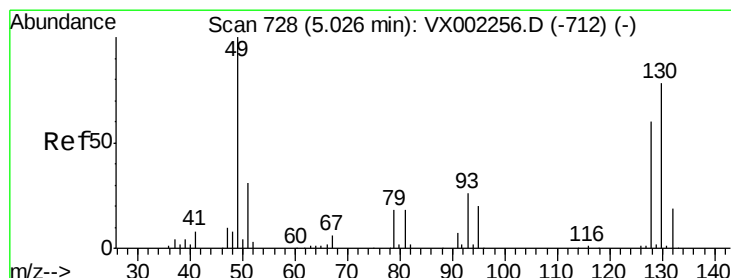
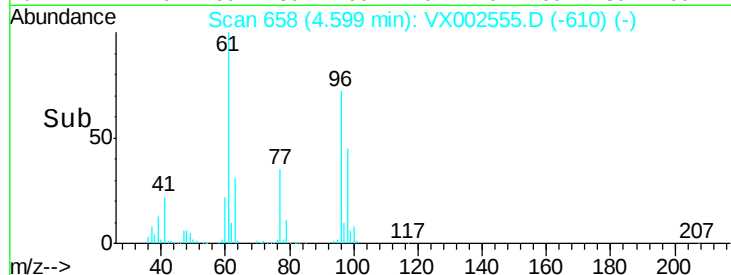
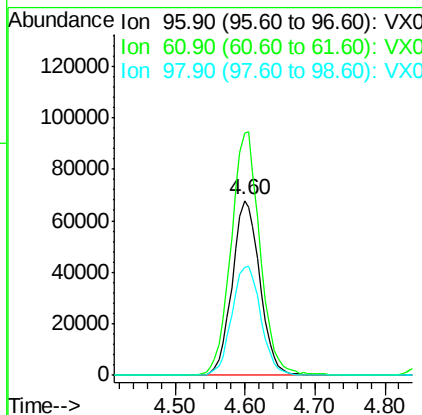
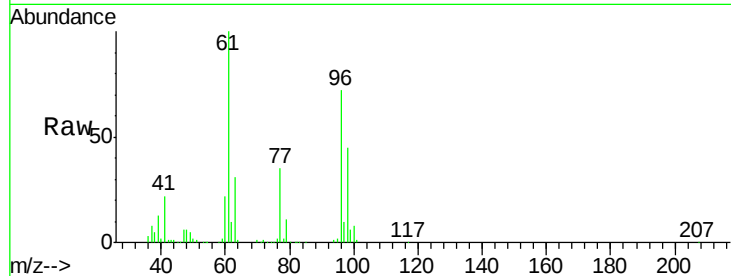
cis-1,2-Dichloroethene
Concen: 59.332 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	330.2
98	65.2	0.0	130.2

Manual Integrations
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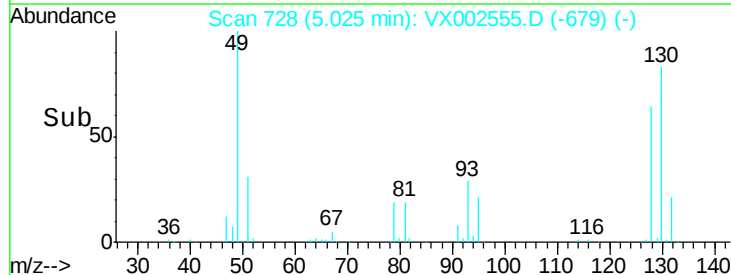
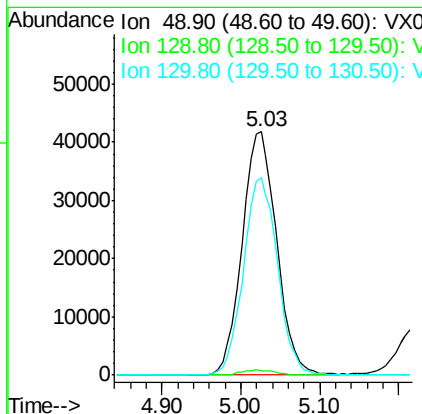
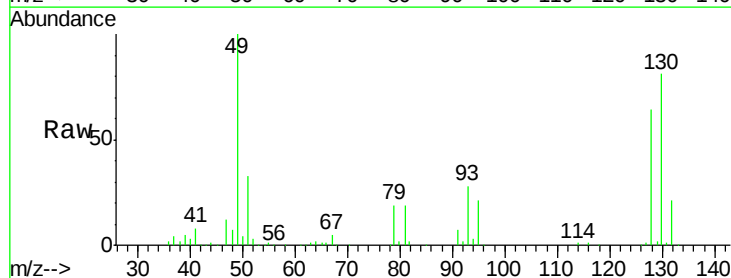
MMDadoda
6/15/2018 1:11:53 PM

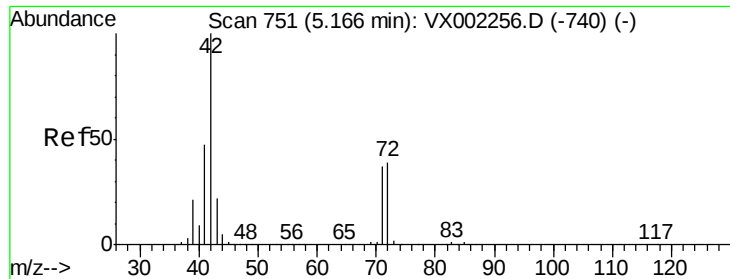


#28

Bromochloromethane
Concen: 53.425 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	79.8	61.2	91.8





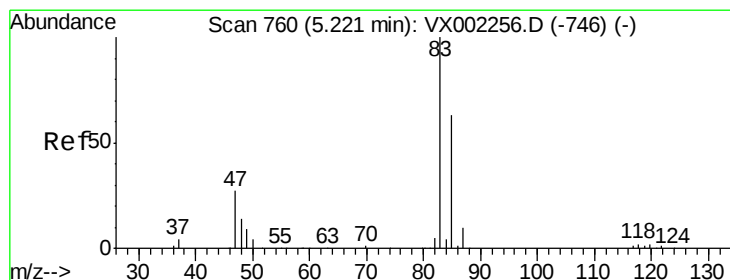
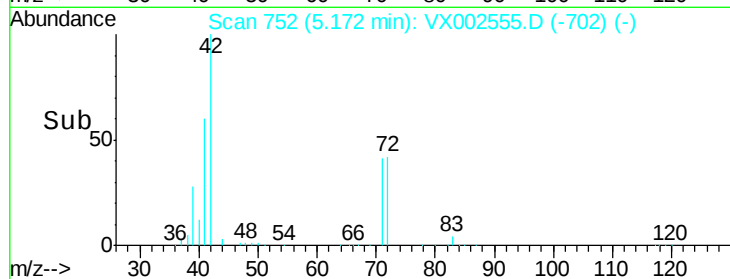
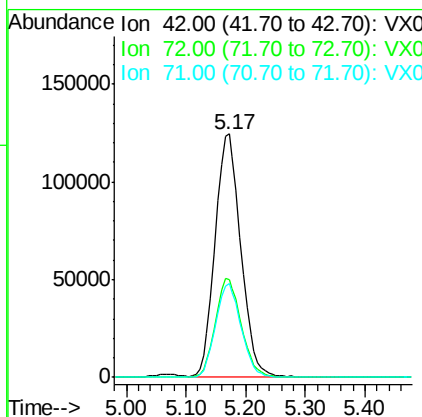
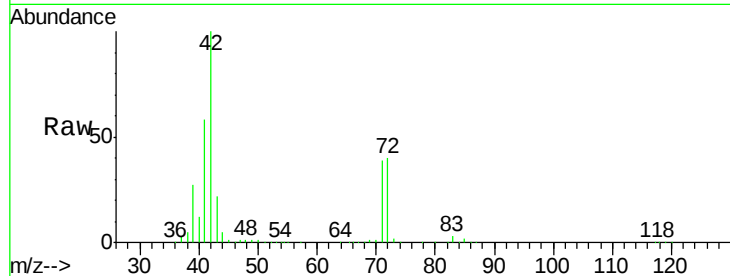
#29
Tetrahydrofuran
Concen: 238.524 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.0	48.0
71	38.4	30.1	45.1

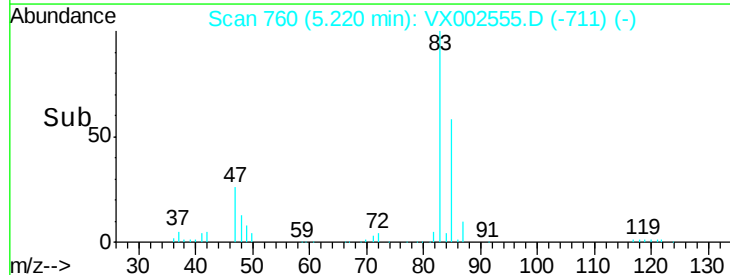
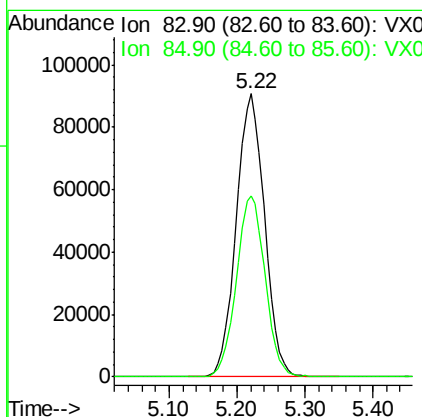
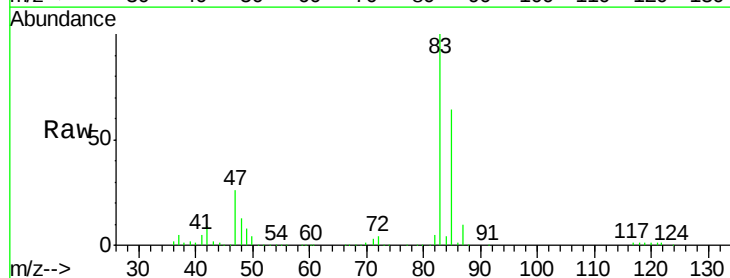
Manual Integrations
APPROVED

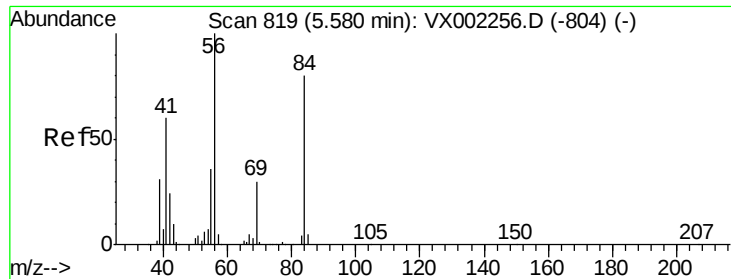
MMDadoda
6/15/2018 1:11:53 PM



#30
Chloroform
Concen: 48.344 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.4	75.6





#31

Cyclohexane

Concen: 45.632 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

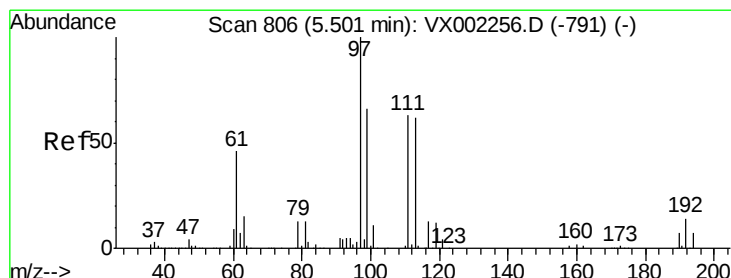
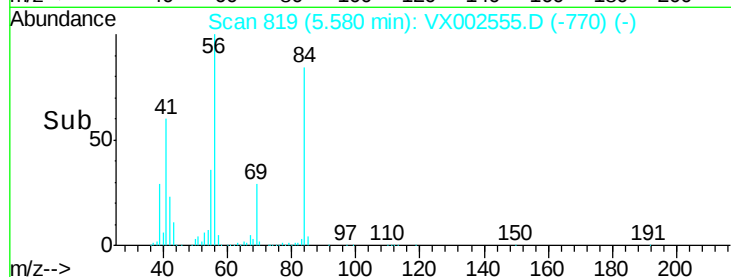
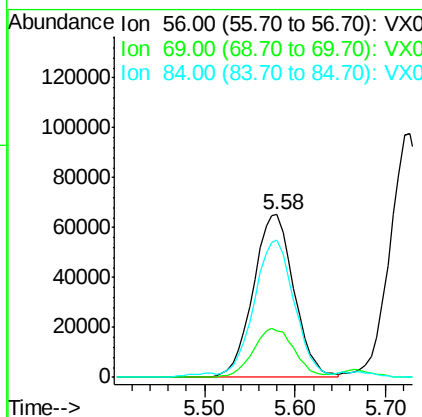
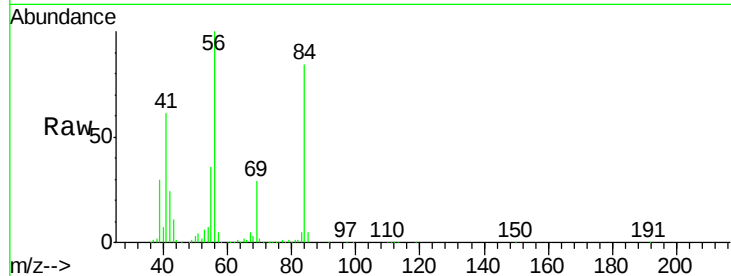
ClientSampleId :

SS050MW109-180606MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.0	23.7	35.5	
84	82.7	64.1	96.1	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.916 ug/l

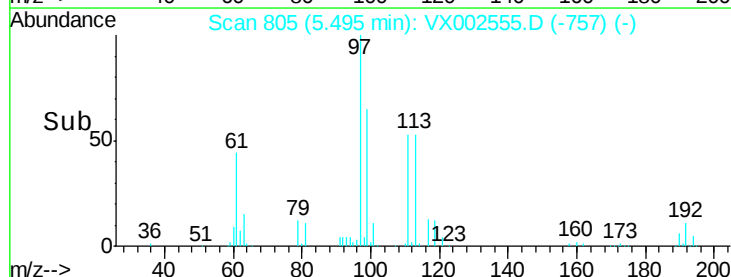
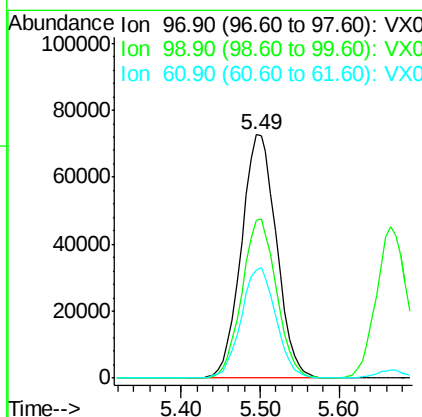
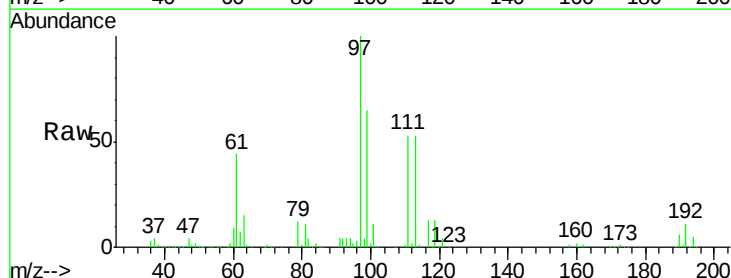
RT: 5.49 min Scan# 805

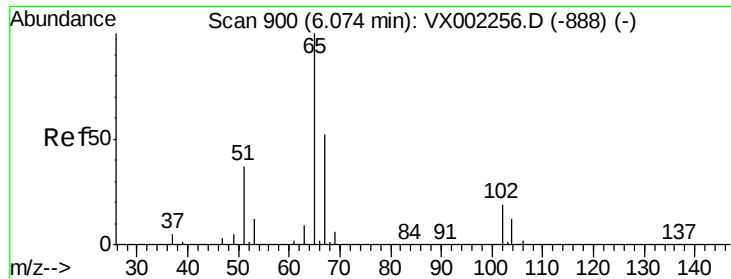
Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.6	77.4	
61	44.8	36.4	54.6	





#33

1,2-Dichloroethane-d4

Concen: 47.940 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 65 Resp: 169456

Ion Ratio Lower Upper

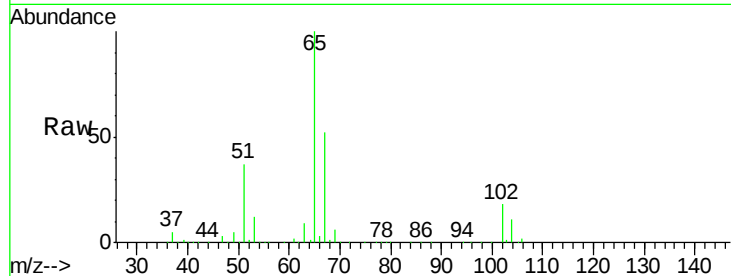
65 100

67 50.9 0.0 102.6

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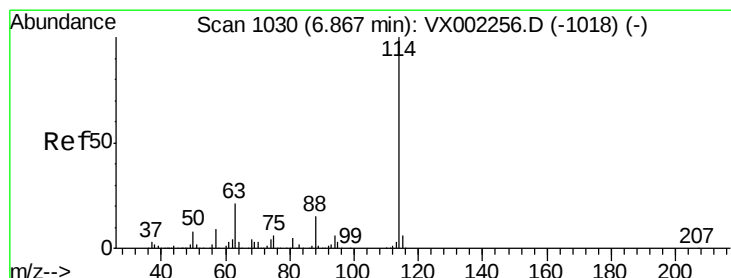
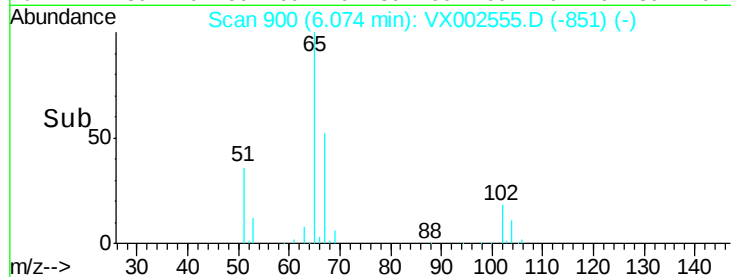
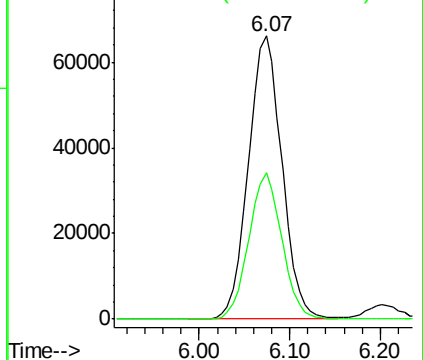
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

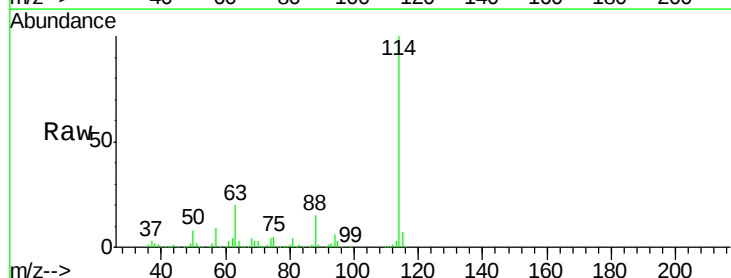
Tgt Ion: 114 Resp: 366563

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

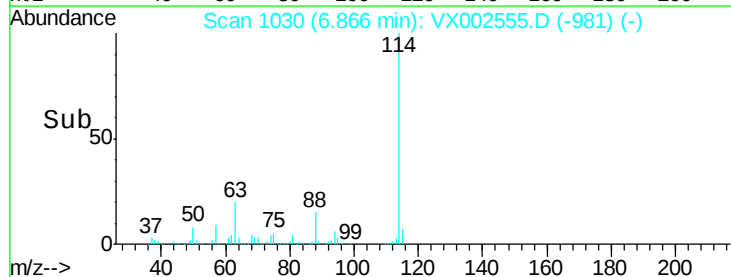
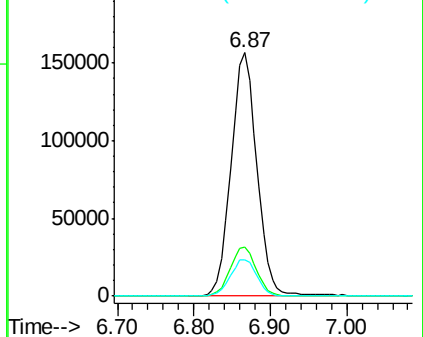
88 14.9 0.0 30.0

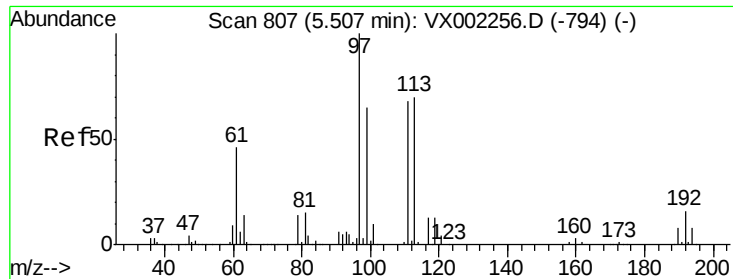


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.601 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

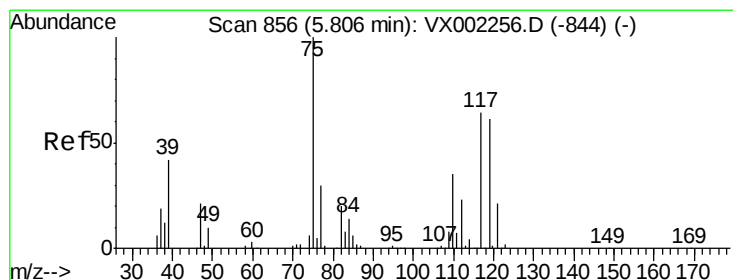
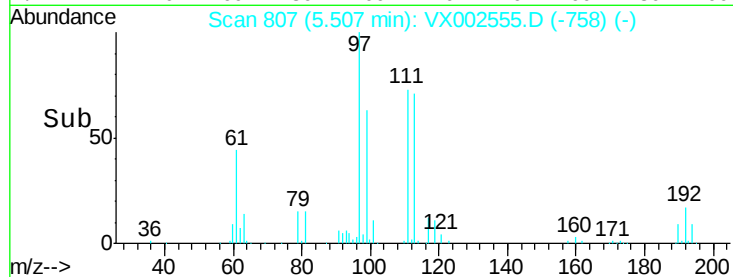
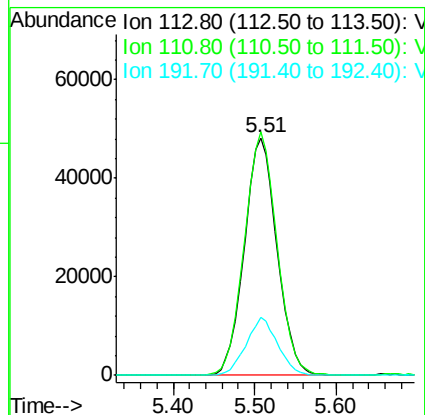
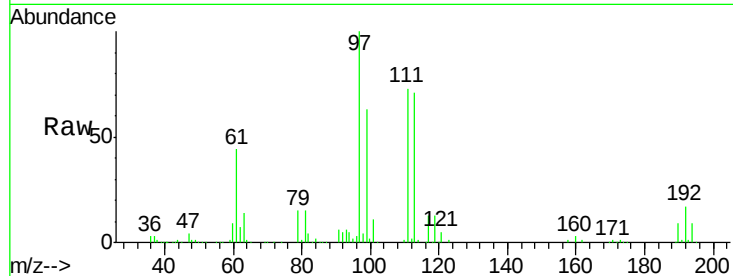
ClientSampleId :

SS050MW109-180606MS

Tot Ion:	113	Resp:	134335
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	23.7	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.632 ug/l

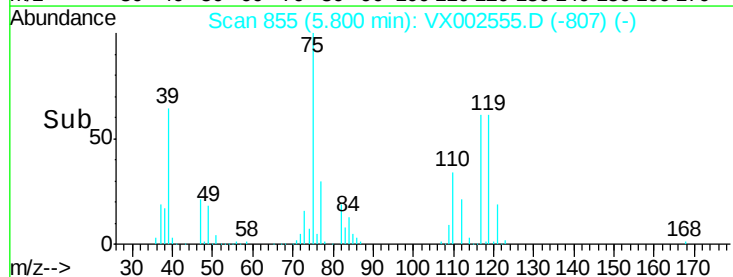
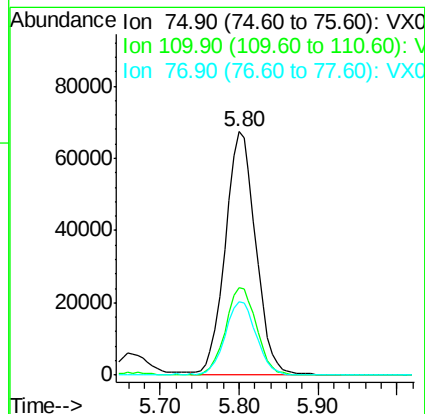
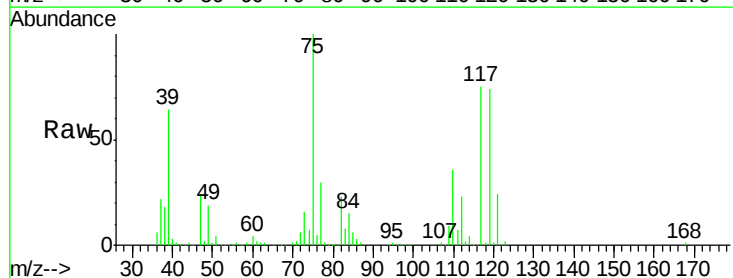
RT: 5.80 min Scan# 855

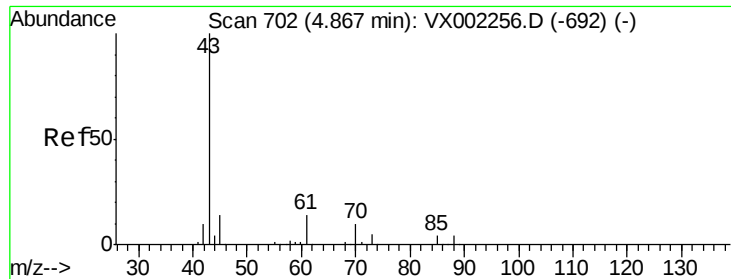
Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion:	75	Resp:	179703
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.4
77	31.0	24.3	36.5





#37

Ethyl Acetate

Concen: 46.867 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

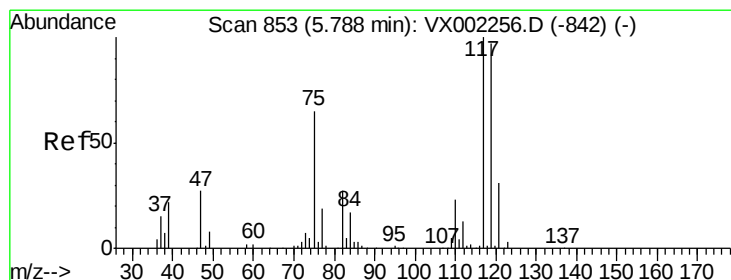
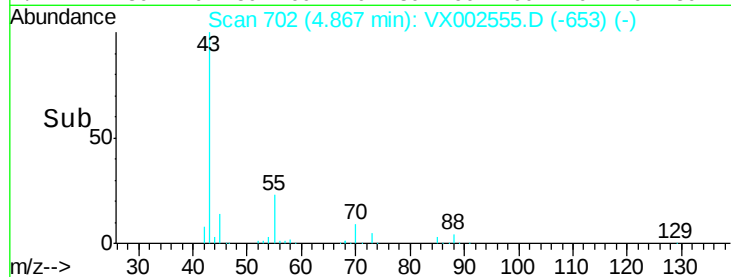
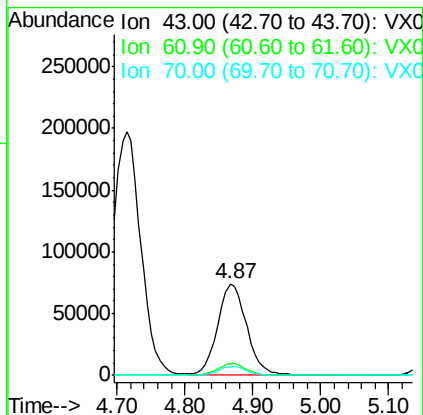
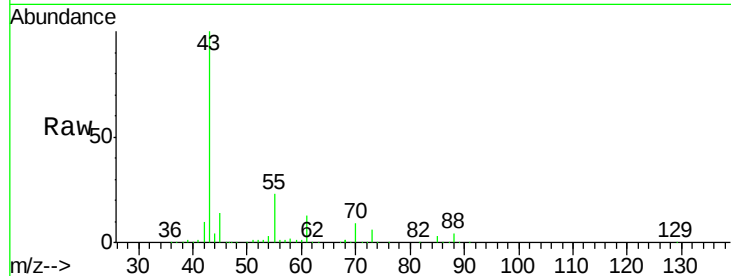
ClientSampleId :

SS050MW109-180606MS

Tot Ion:	43	Resp:	217201
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.4	15.6
70	9.6	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.439 ug/l

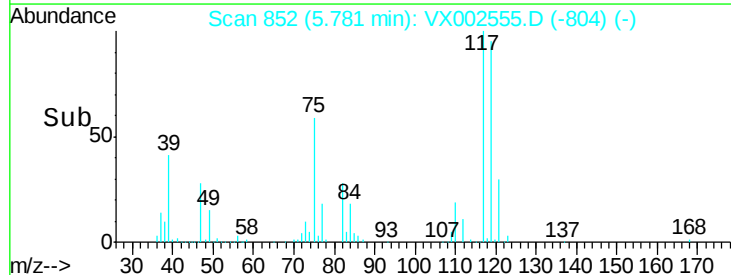
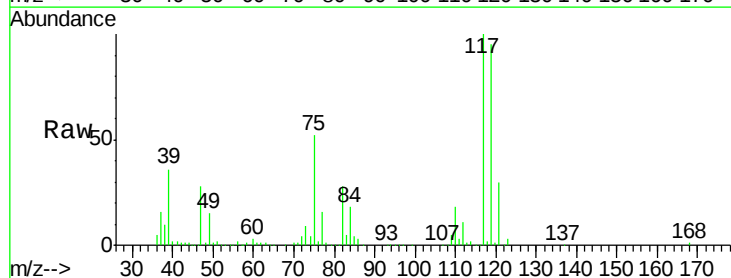
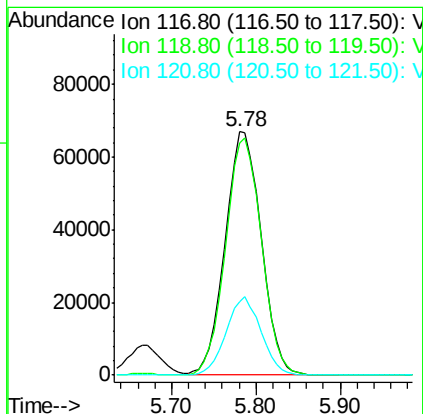
RT: 5.78 min Scan# 852

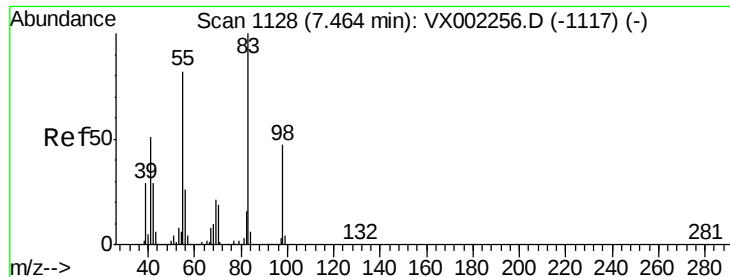
Delta R.T. -0.01 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion:	117	Resp:	195281
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0
121	30.2	24.4	36.6





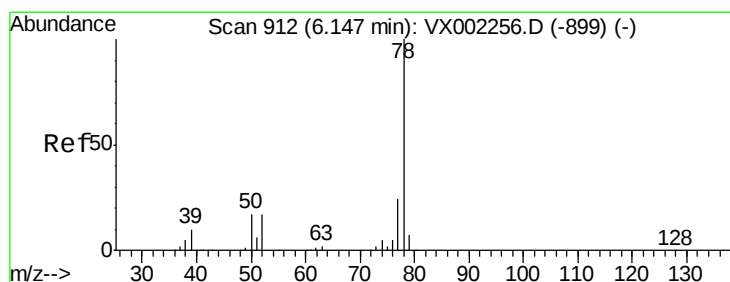
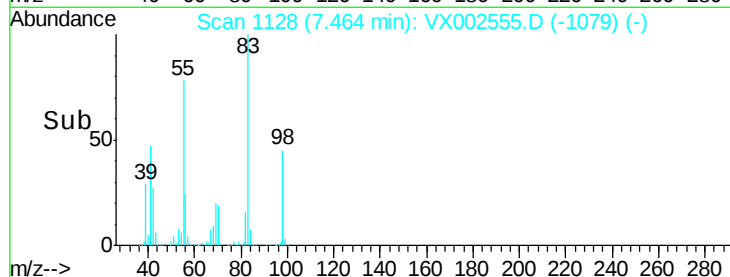
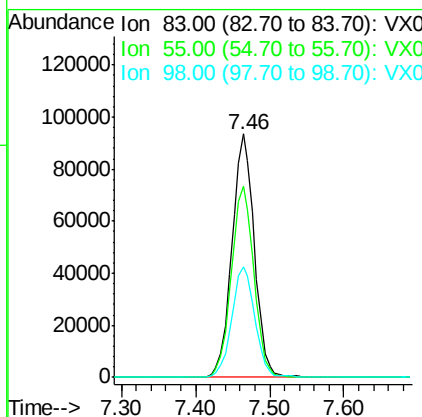
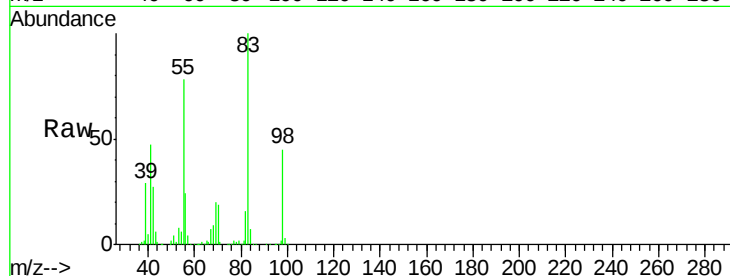
#39
Methvlcvclohexane
Concen: 41.267 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.4	98.0
98	45.4	37.4	56.0

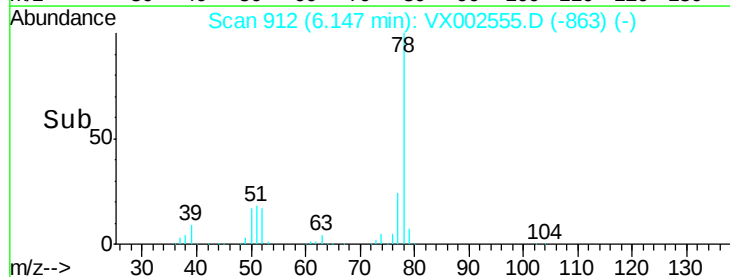
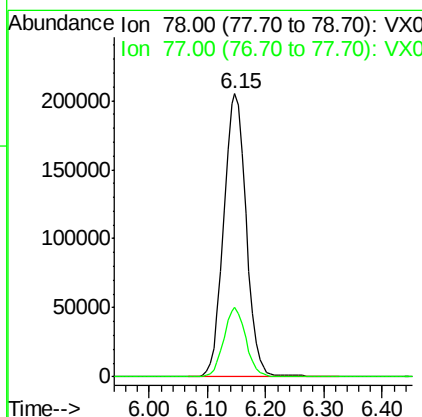
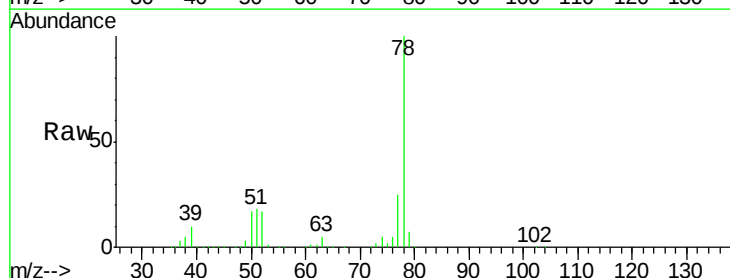
Manual Integrations
APPROVED

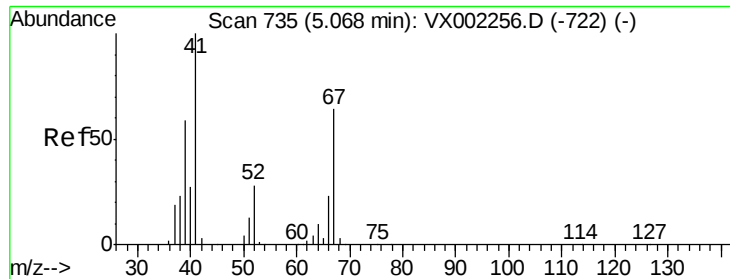
MMDadoda
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#40
Benzene
Concen: 46.741 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





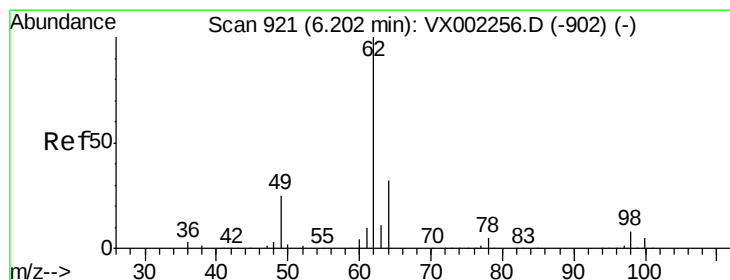
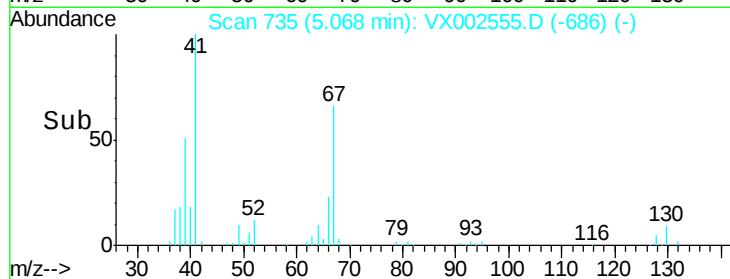
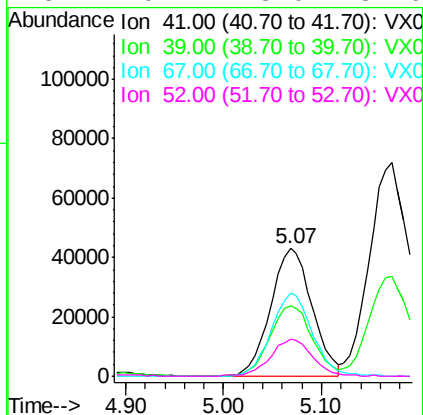
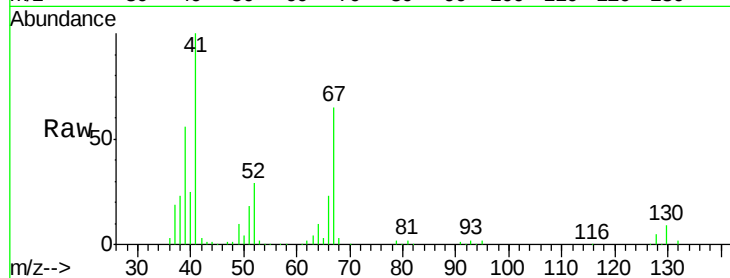
#41
Methacrylonitrile
Concen: 47.557 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	45.8	68.6	
67	65.7	51.3	76.9	
52	29.2	23.0	34.6	

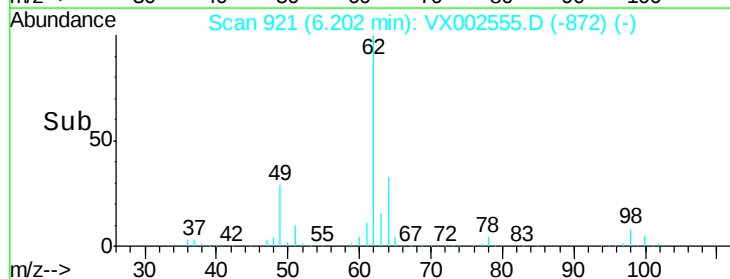
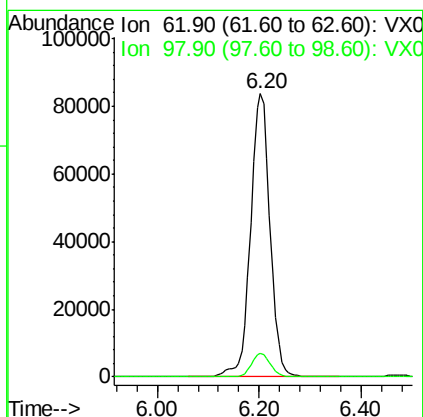
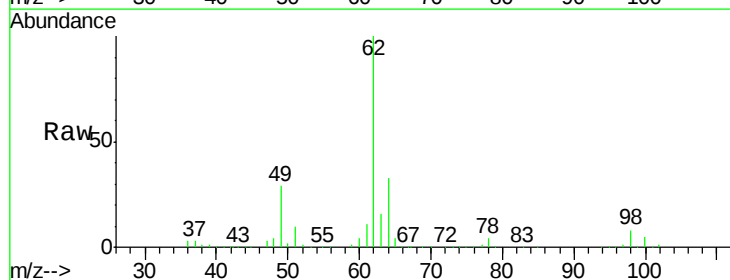
Manual Integrations
APPROVED

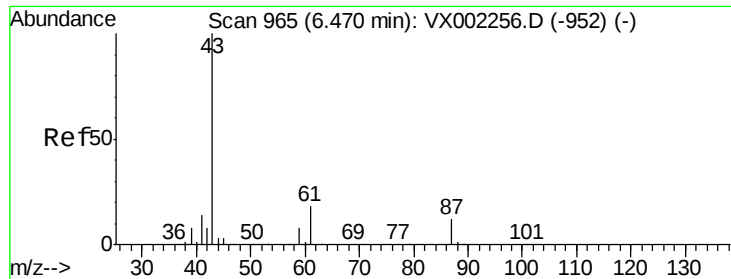
MMDadoda
6/15/2018 1:11:53 PM



#42
1,2-Dichloroethane
Concen: 47.123 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





#43

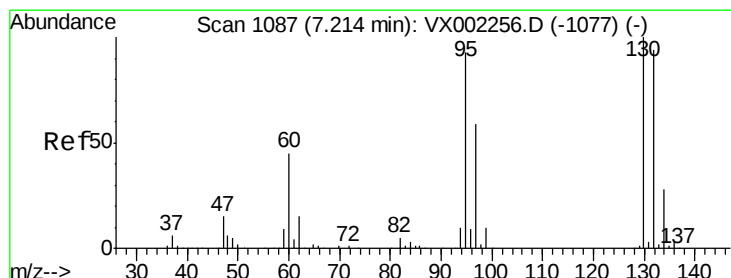
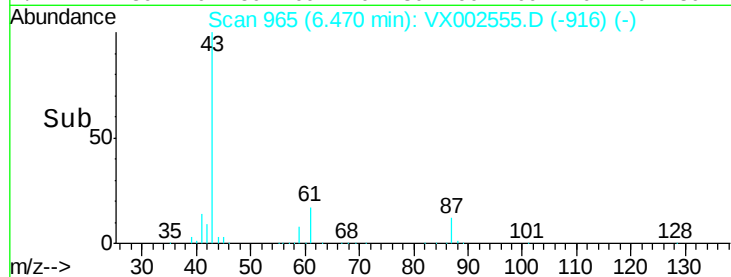
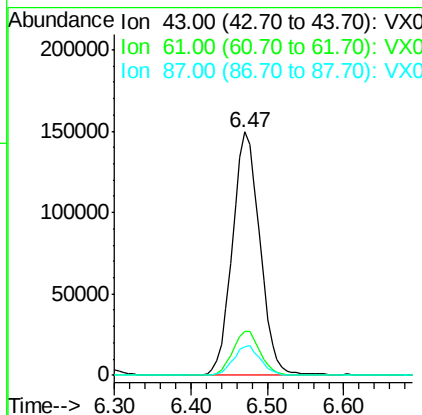
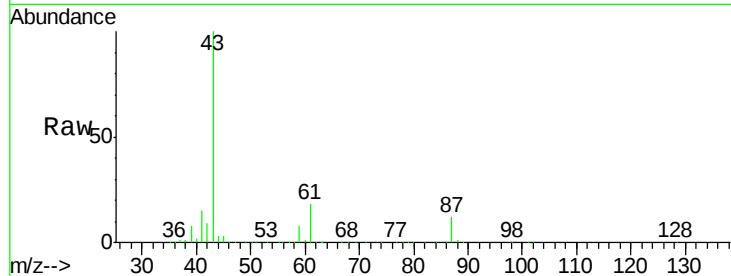
Isopropyl Acetate
 Concen: 47.200 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.0	9.5	14.3

Manual Integrations
 APPROVED

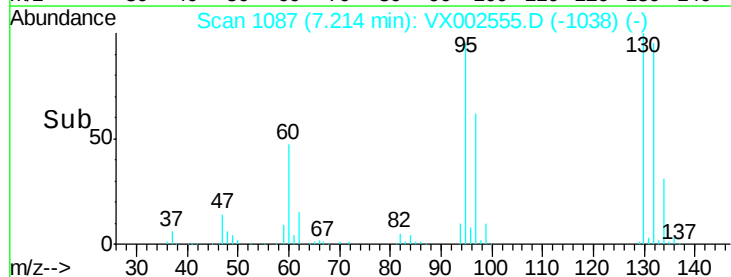
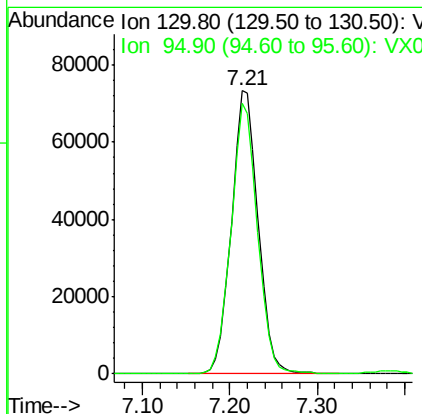
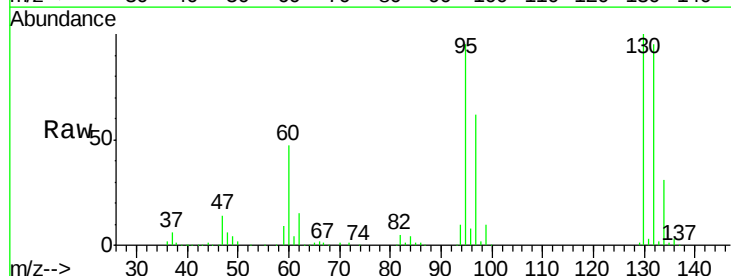
MMDadoda
 6/15/2018 1:11:53 PM

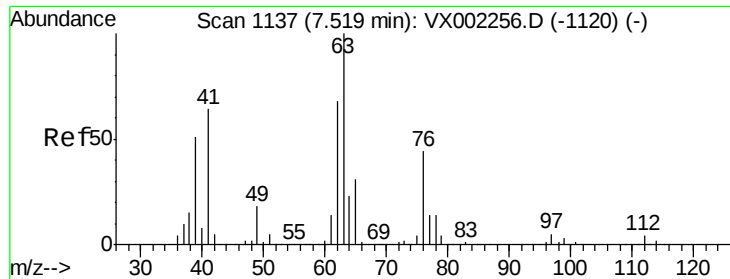


#44

Trichloroethene
 Concen: 47.508 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	185.4





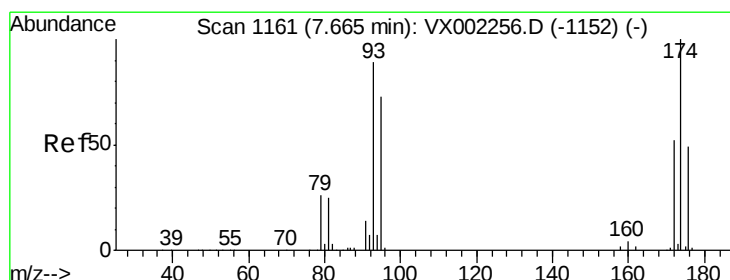
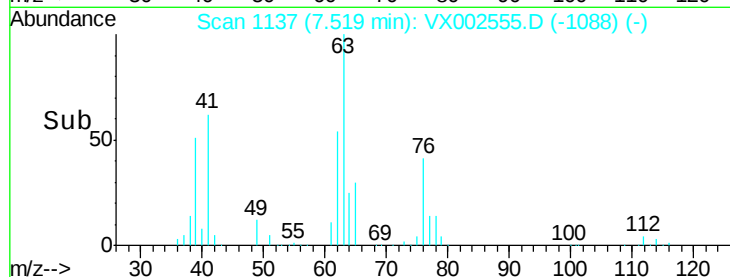
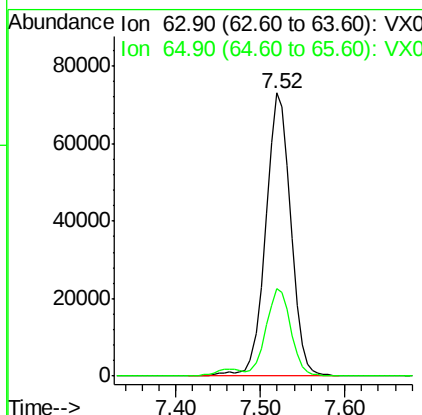
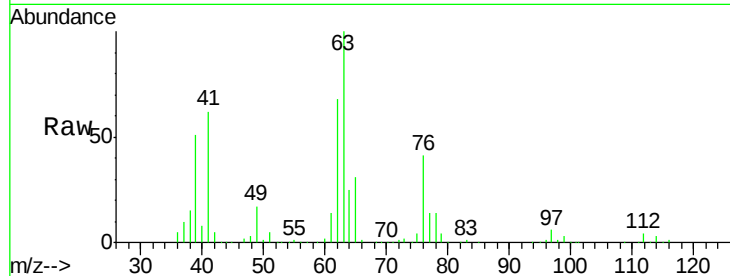
#45
 1,2-Dichloropropane
 Concen: 47.213 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion: 63 Resp: 150605
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

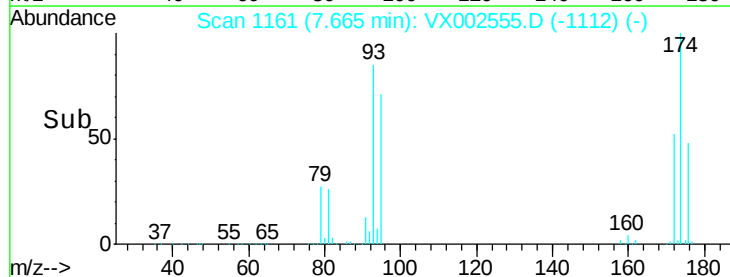
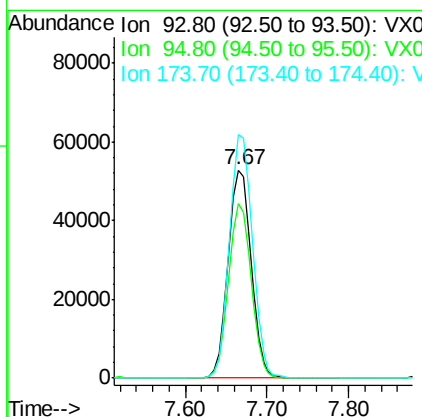
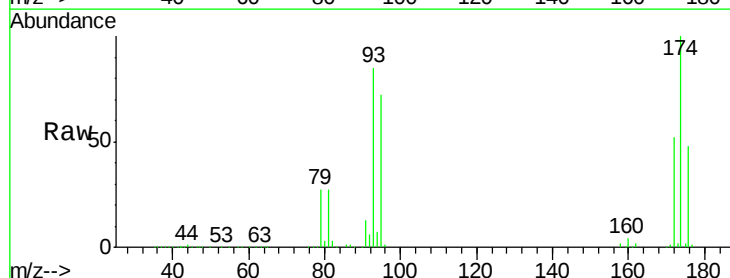
Manual Integrations
 APPROVED

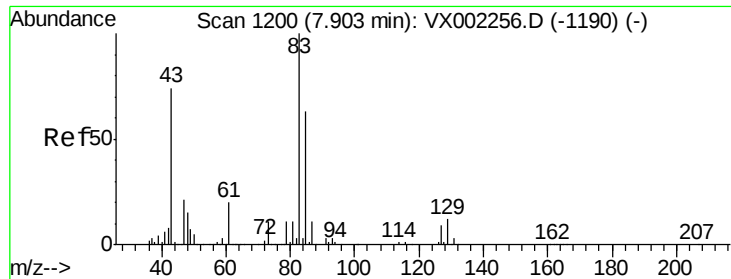
MMDadoda
 6/15/2018 1:11:53 PM



#46
 Dibromomethane
 Concen: 47.614 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion: 93 Resp: 102962
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 116.8 92.4 138.6





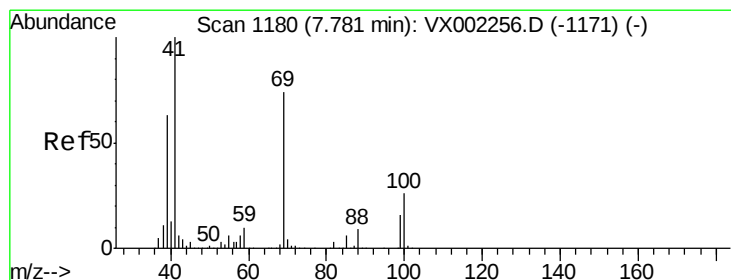
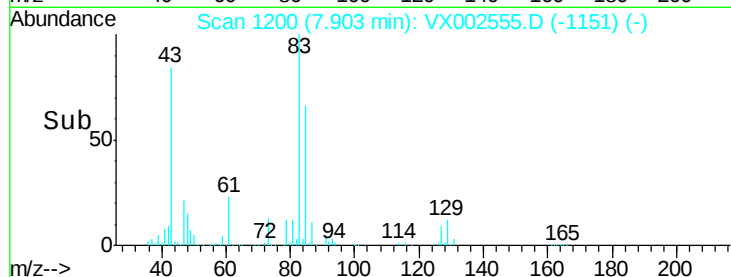
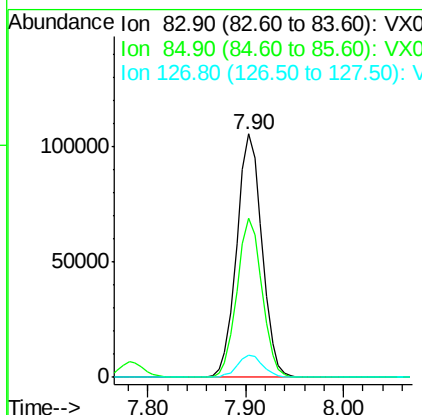
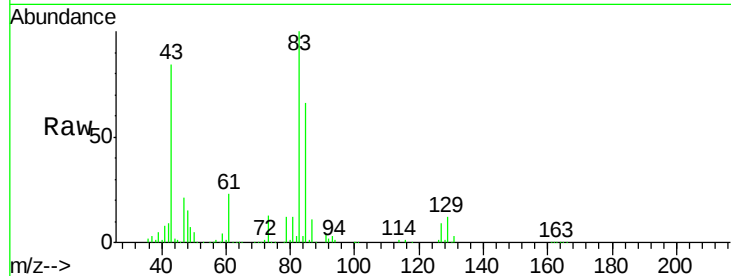
#47
Bromodichloromethane
Concen: 48.453 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	189497		
85	65.5	50.3	75.5	
127	9.0	7.0	10.4	

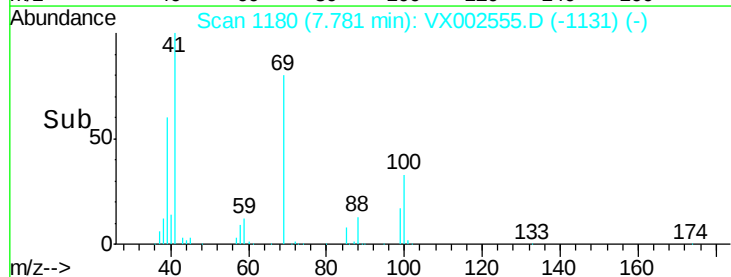
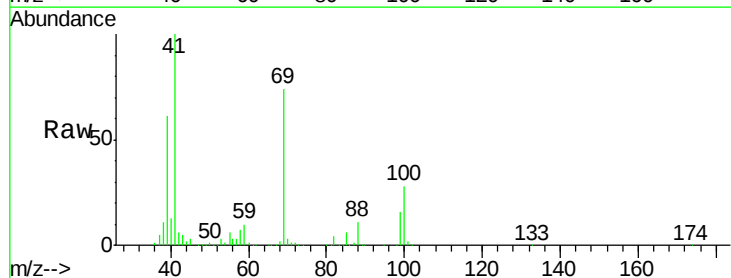
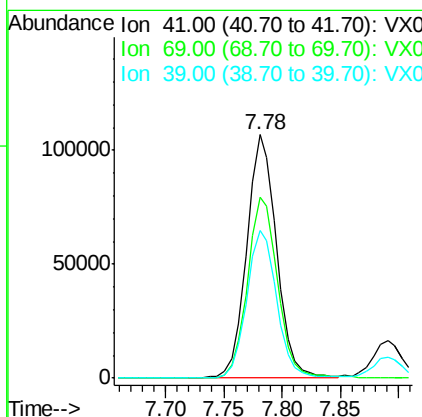
Manual Integrations
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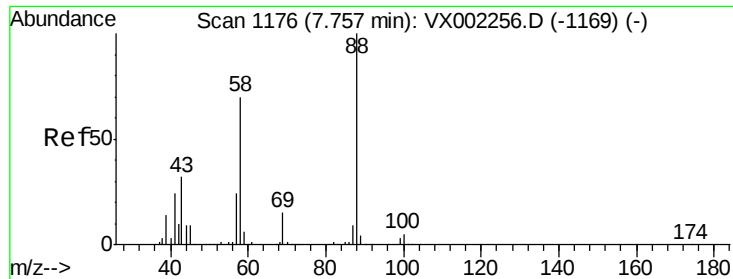
MMDadoda
6/15/2018 1:11:53 PM



#48
Methyl methacrylate
Concen: 48.227 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	190690		
69	75.9	59.1	88.7	
39	61.4	48.9	73.3	





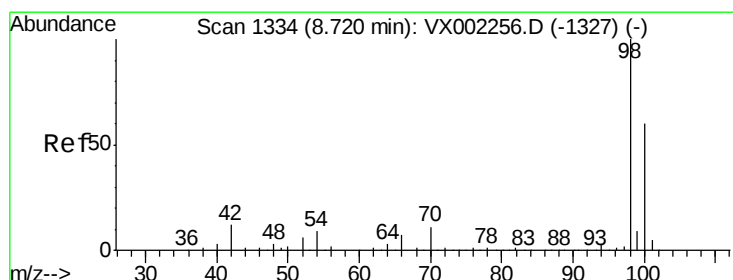
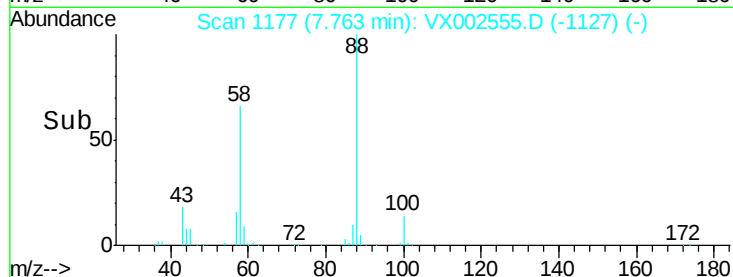
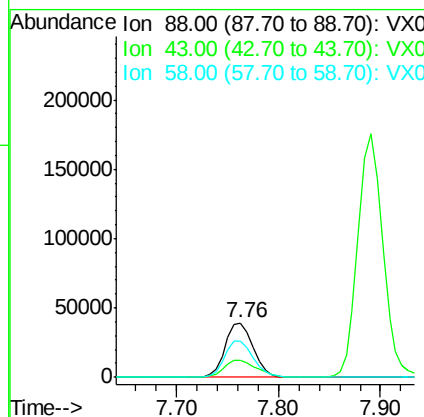
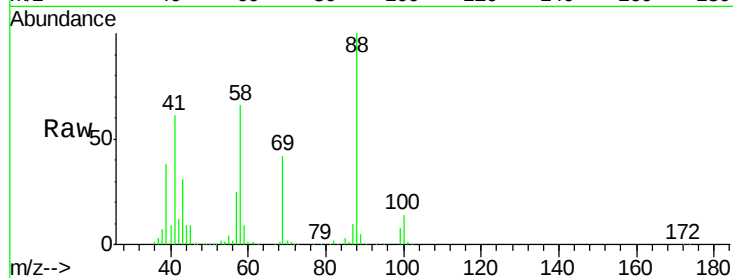
#49
1,4-Dioxane
Concen: 1011.835 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.8	44.6
58	69.2	57.1	85.7

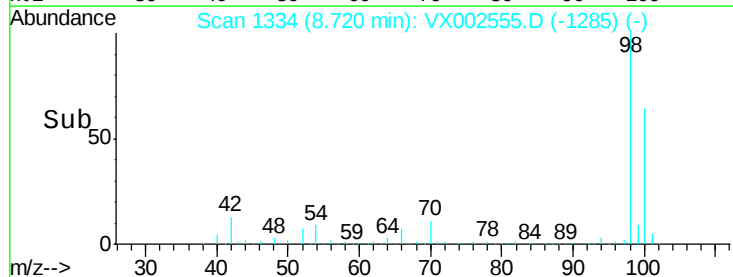
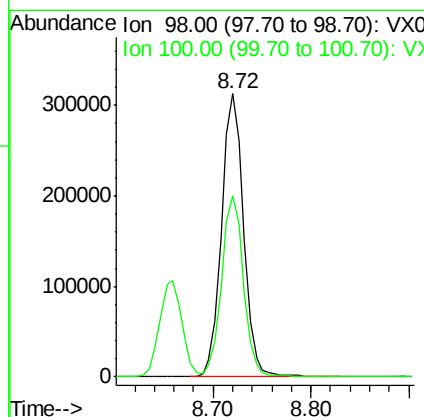
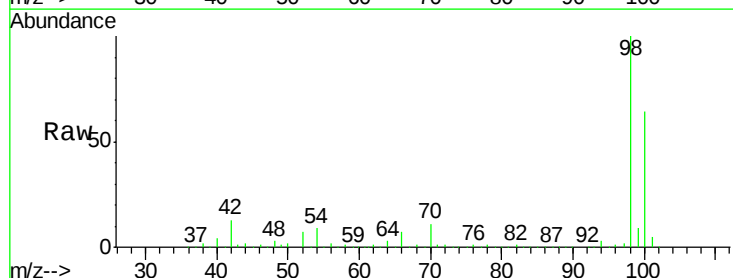
Manual Integrations
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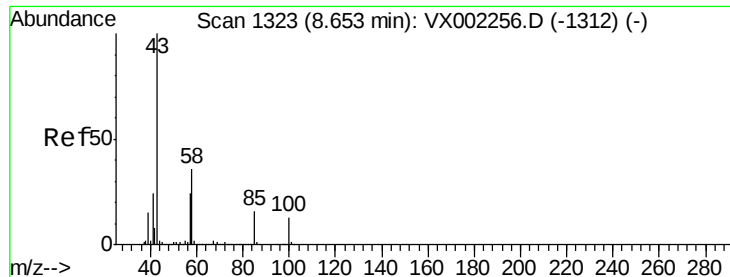
MMDadoda
6/15/2018 1:11:53 PM



#50
Toluene-d8
Concen: 44.243 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 246.860 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 43 Resp: 1210109

Ion Ratio Lower Upper

43 100

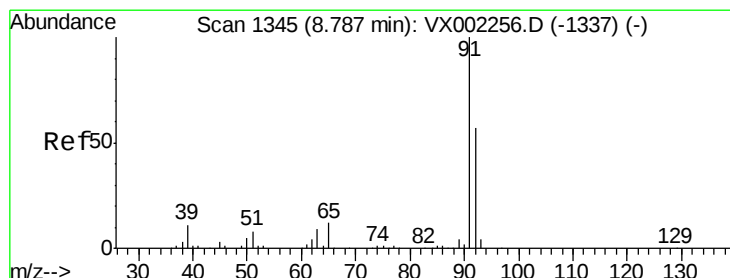
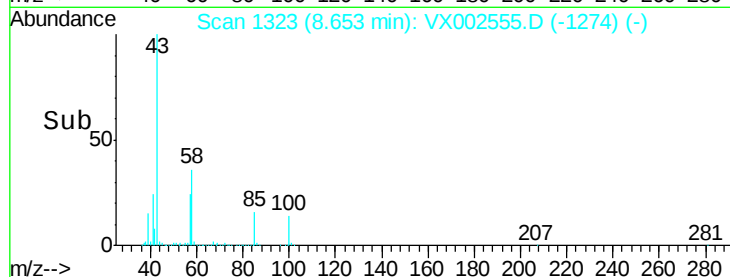
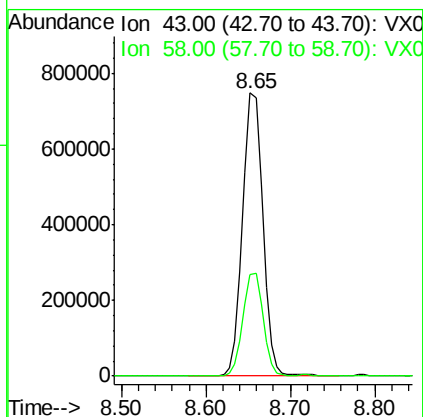
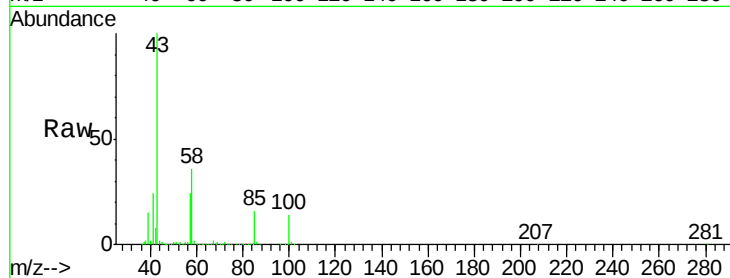
58 36.1 28.6 42.8

Manual Integrations

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MMDadoda

6/15/2018 1:11:53 PM



#52

Toluene

Concen: 48.367 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002555.D

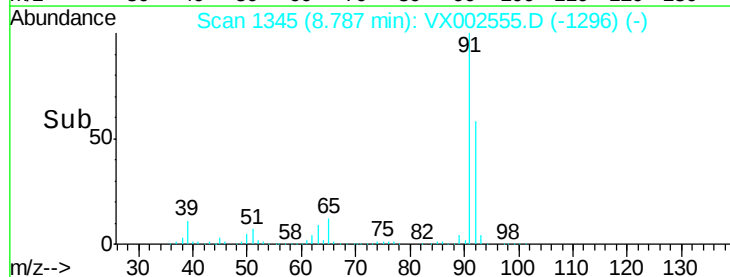
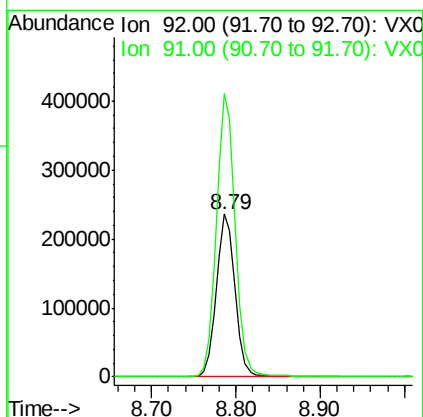
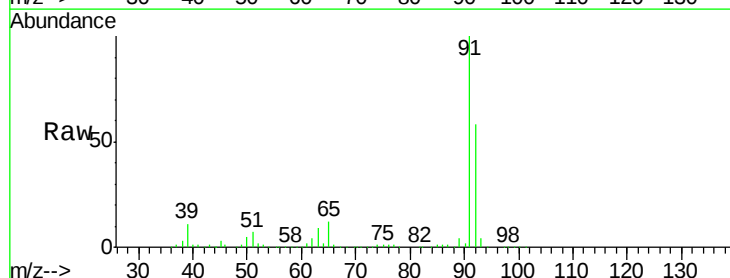
Acq: 14 Jun 2018 16:46

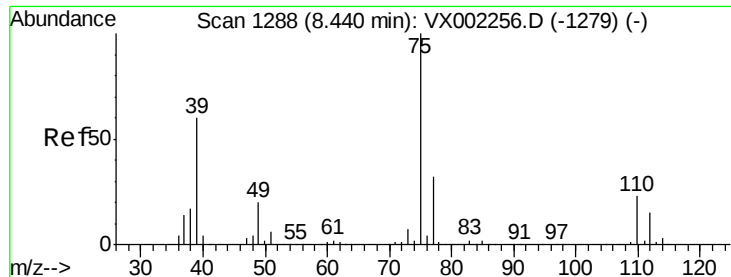
Tgt Ion: 92 Resp: 363479

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6





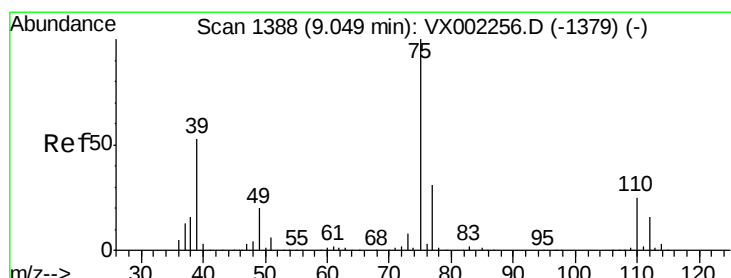
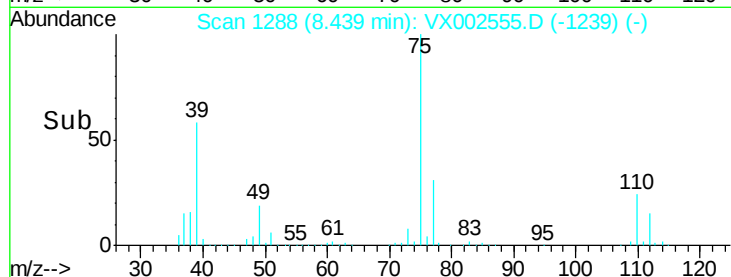
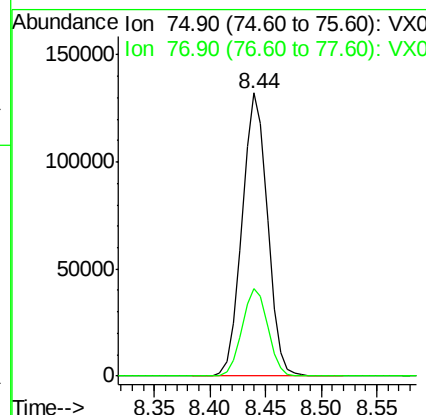
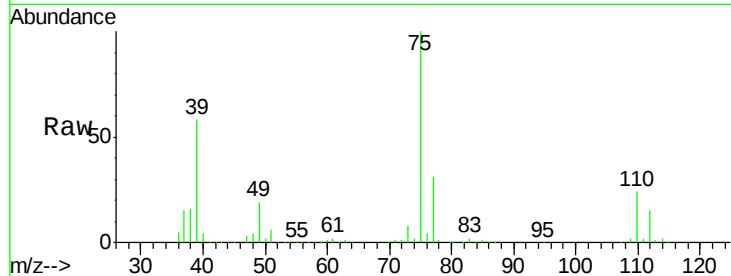
#53
t-1,3-Dichloropropene
Concen: 44.465 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion: 75 Resp: 208541
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

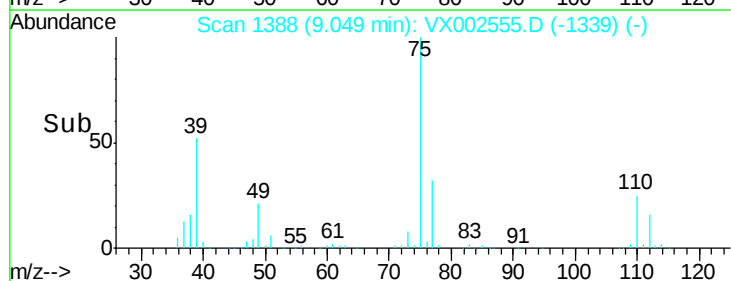
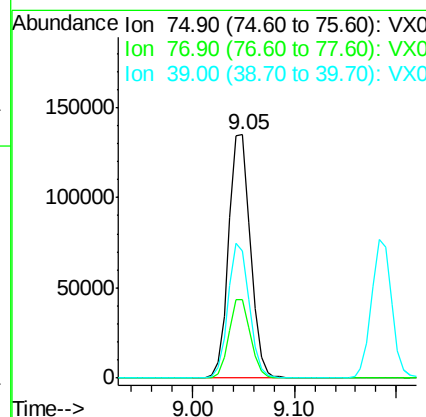
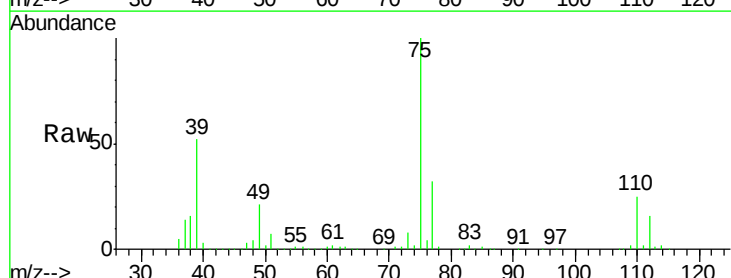
Manual Integrations
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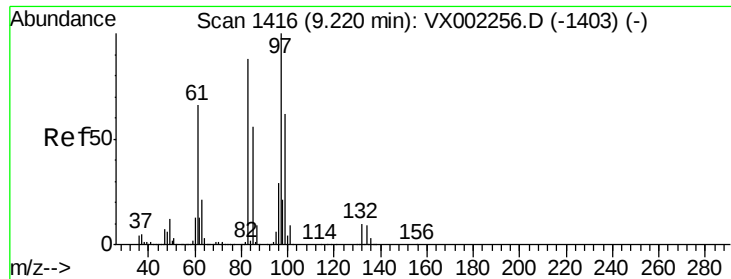
MMDadoda
6/15/2018 1:11:53 PM



#54
cis-1,3-Dichloropropene
Concen: 45.147 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 75 Resp: 199769
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 52.3 42.4 63.6





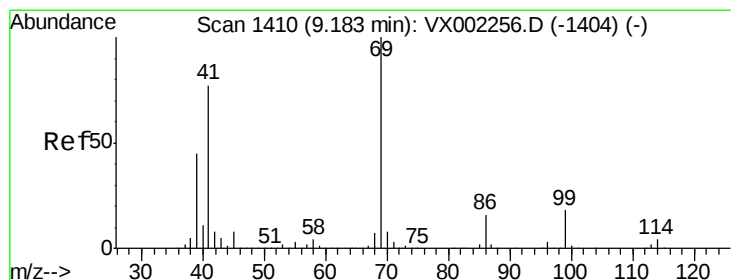
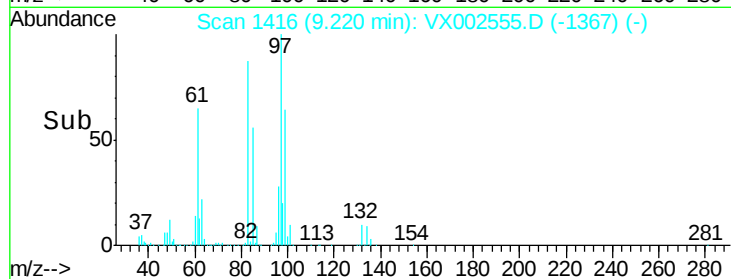
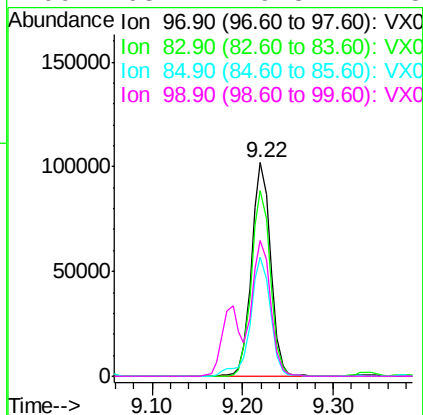
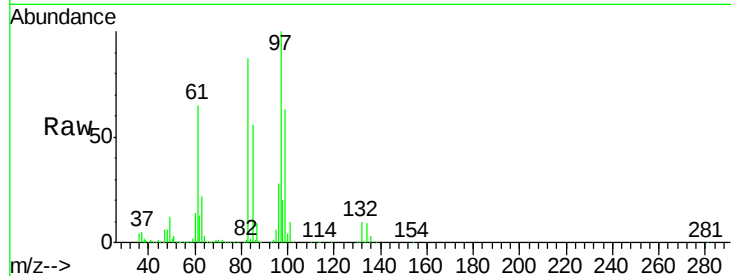
#55
 1,1,2-Trichloroethane
 Concen: 48.243 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion:	97	Resp:	149115
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	55.6	44.9	67.3
99	63.4	49.8	74.8

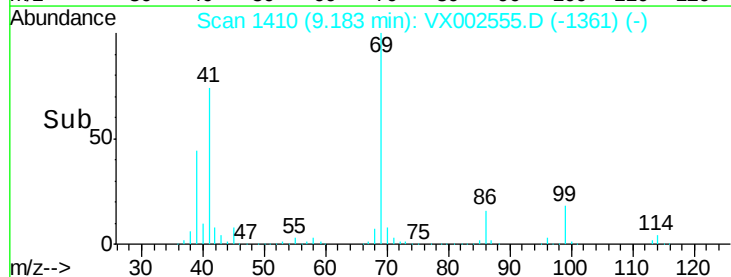
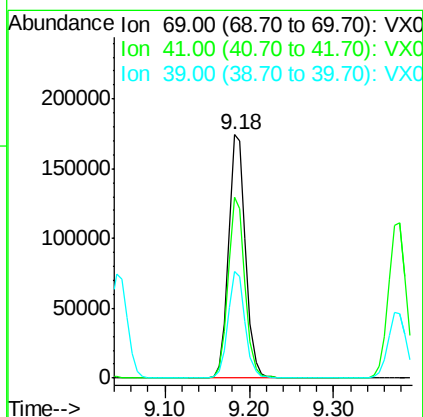
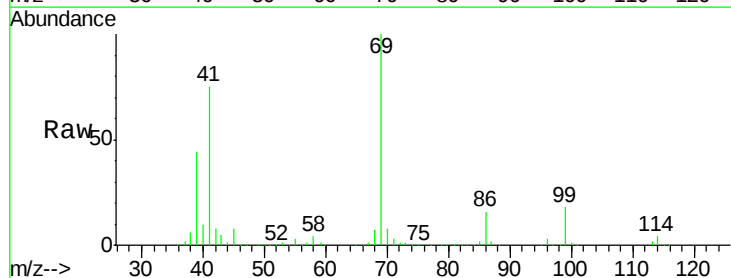
Manual Integrations
 APPROVED

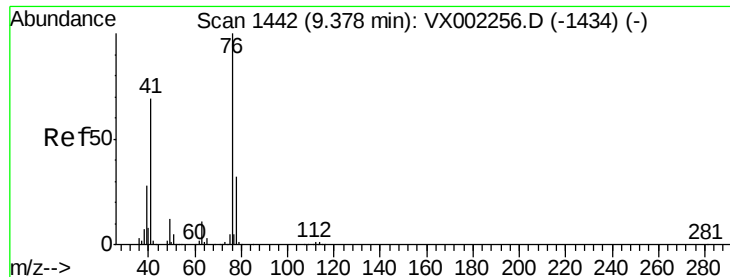
MMDadoda
 6/15/2018 1:11:53 PM



#56
 Ethyl methacrylate
 Concen: 48.947 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion:	69	Resp:	241539
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.060 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 76 Resp: 249208

Ion Ratio Lower Upper

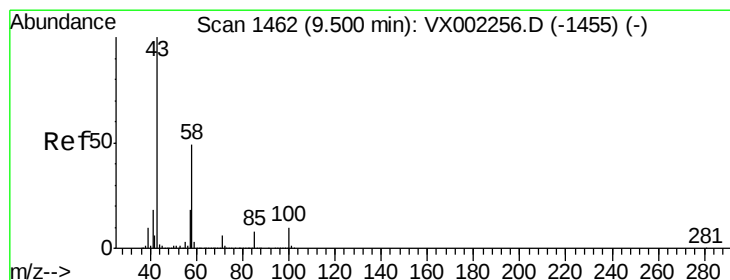
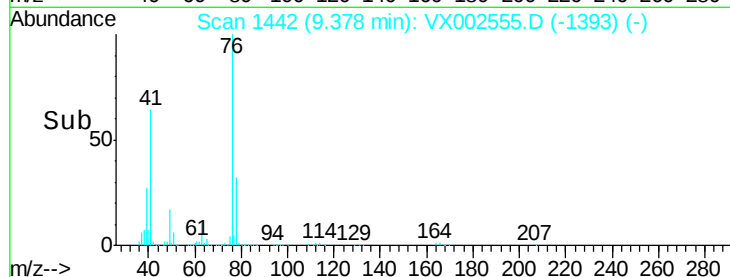
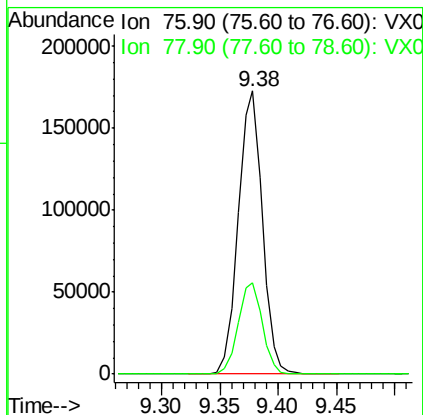
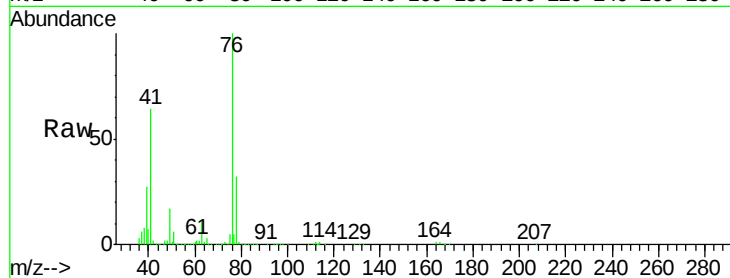
76 100

78 32.6 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

6/15/2018 1:11:53 PM



#59

2-Hexanone

Concen: 247.049 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002555.D

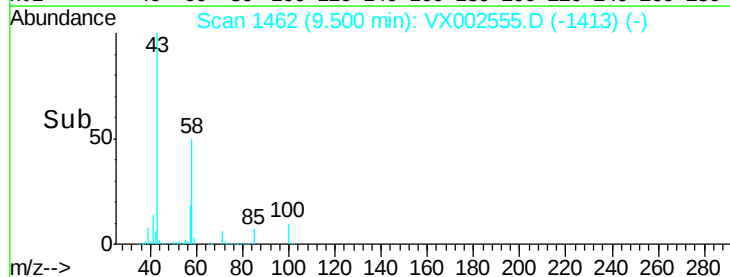
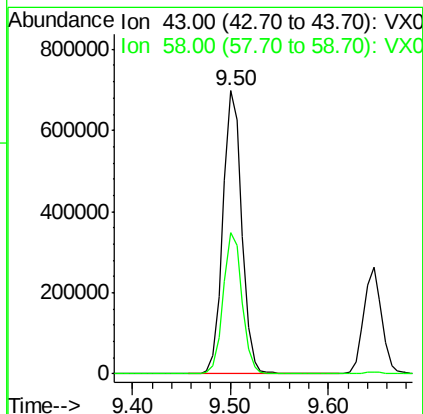
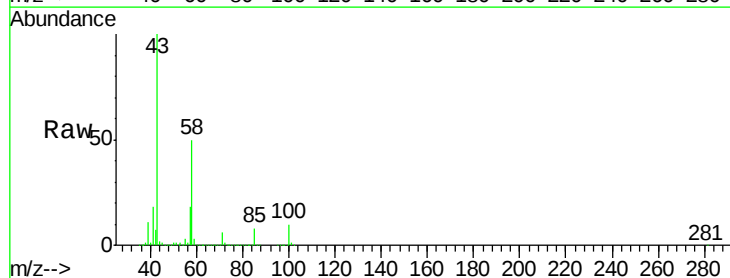
Acq: 14 Jun 2018 16:46

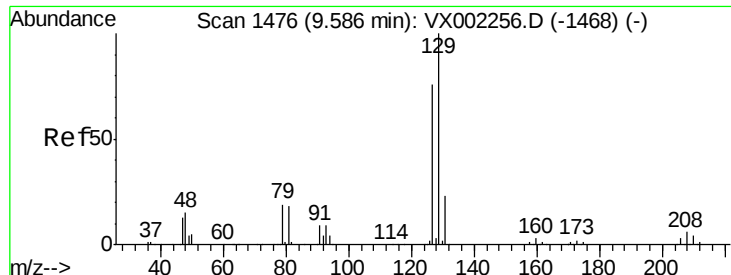
Tgt Ion: 43 Resp: 935409

Ion Ratio Lower Upper

43 100

58 49.8 24.6 73.6





#60

Dibromochloromethane

Concen: 51.067 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion:129 Resp: 158766

Ion Ratio Lower Upper

129 100

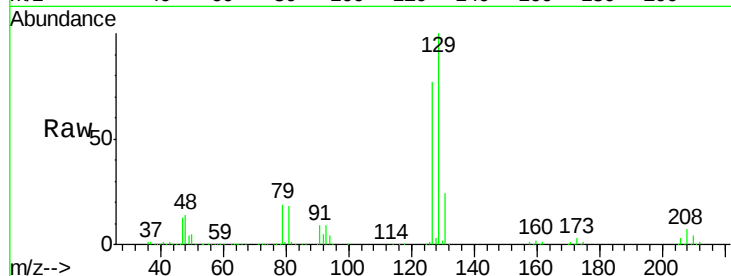
127 77.3 38.5 115.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

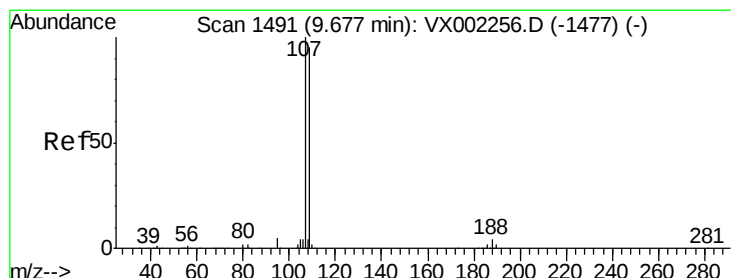
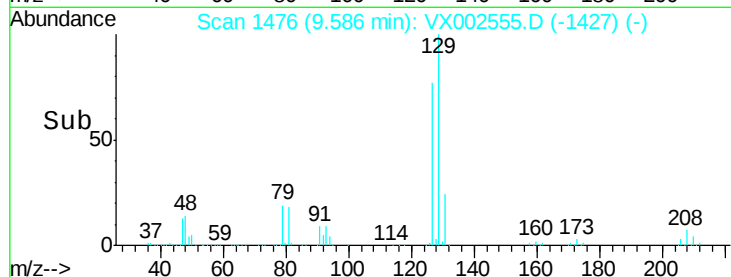
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 49.230 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002555.D

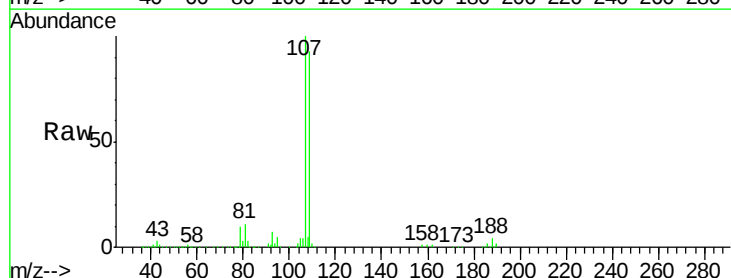
Acq: 14 Jun 2018 16:46

Tgt Ion:107 Resp: 158659

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

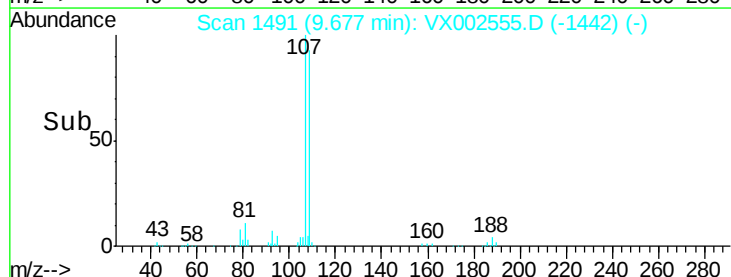
9.68

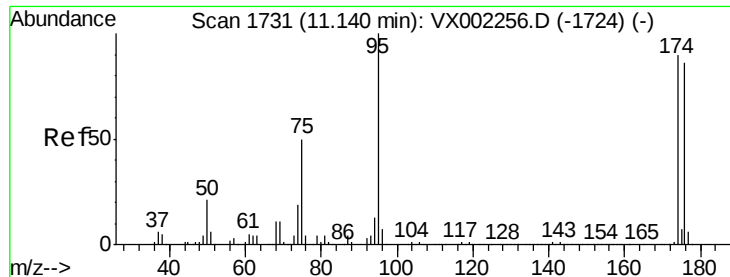
100000

50000

0

Time--> 9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 44.712 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

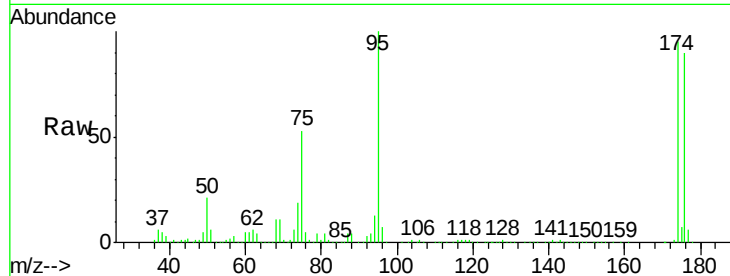
ClientSampleId :

SS050MW109-180606MS

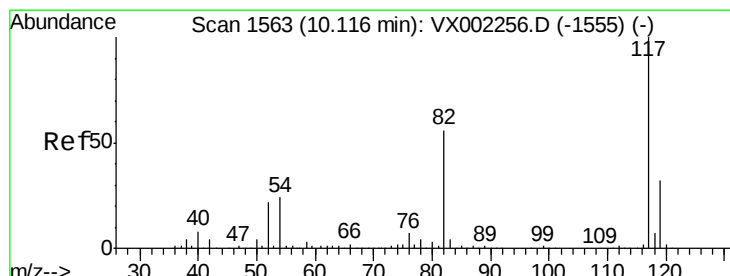
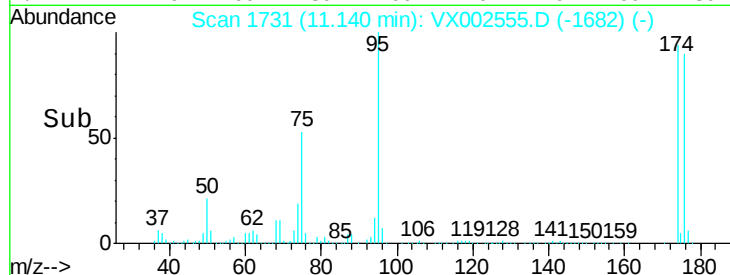
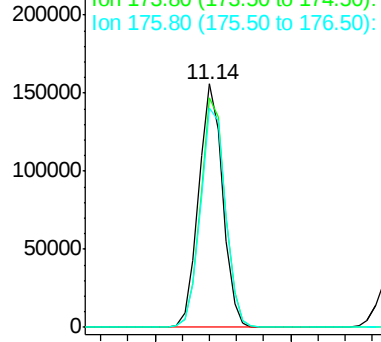
Tot Ion	95	Resp	190506
Ion Ratio	Lower	Upper	
95	100		
174	96.8	0.0	187.4
176	93.8	0.0	181.0

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Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

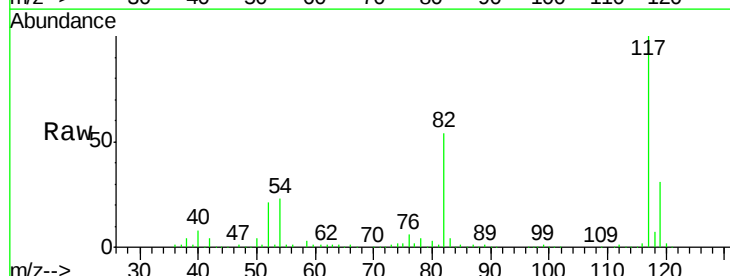
RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

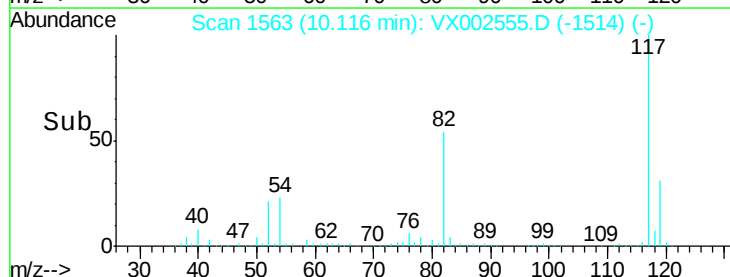
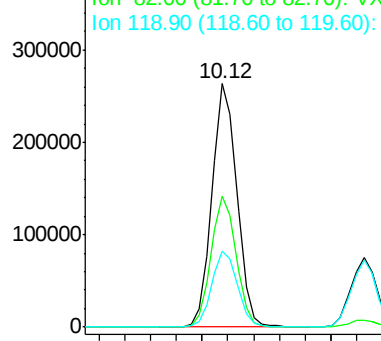
Lab File: VX002555.D

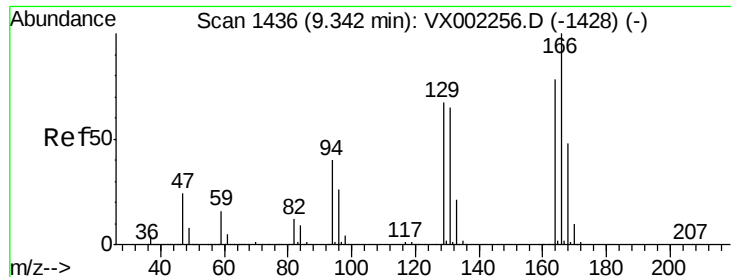
Acq: 14 Jun 2018 16:46

Tgt Ion	117	Resp	351404
Ion Ratio	Lower	Upper	
117	100		
82	53.6	45.0	67.4
119	31.4	25.8	38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)





#64

Tetrachloroethene

Concen: 40.373 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion:164 Resp: 146318

Ion Ratio Lower Upper

164 100

166 130.8 102.9 154.3

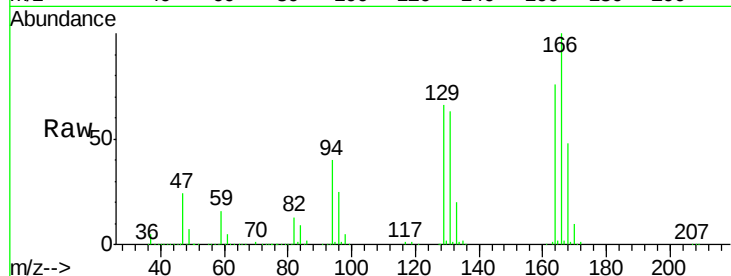
129 86.2 68.6 102.8

131 82.8 66.8 100.2

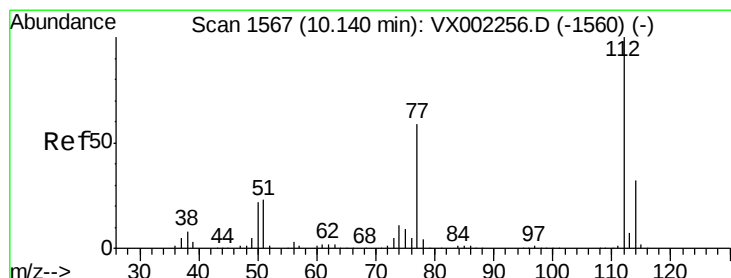
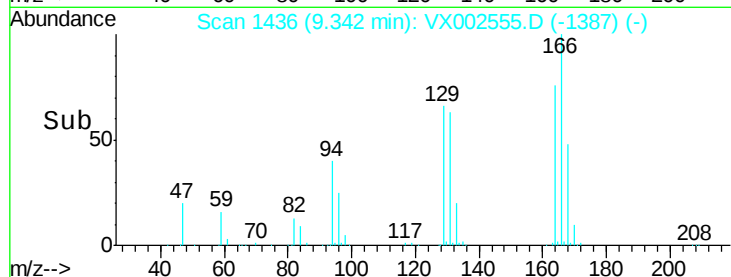
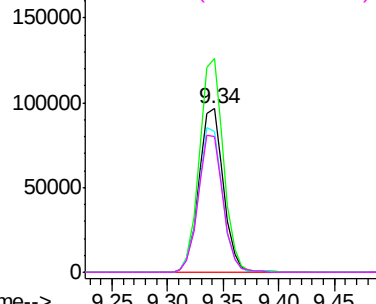
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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.901 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002555.D

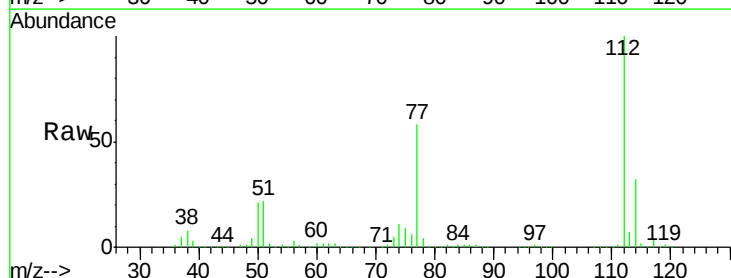
Acq: 14 Jun 2018 16:46

Tgt Ion:112 Resp: 418838

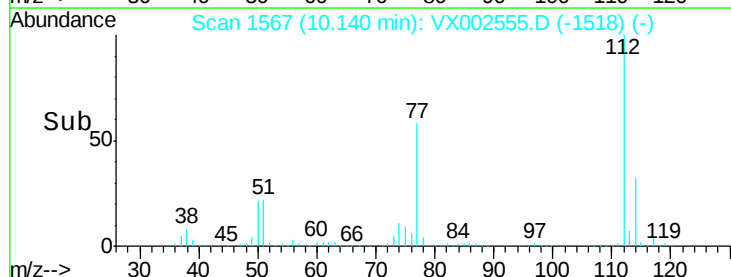
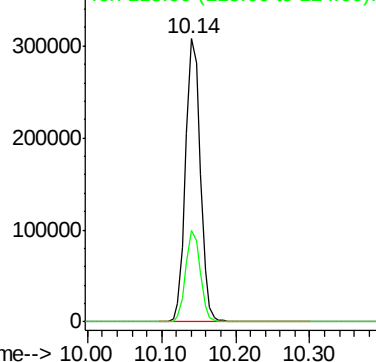
Ion Ratio Lower Upper

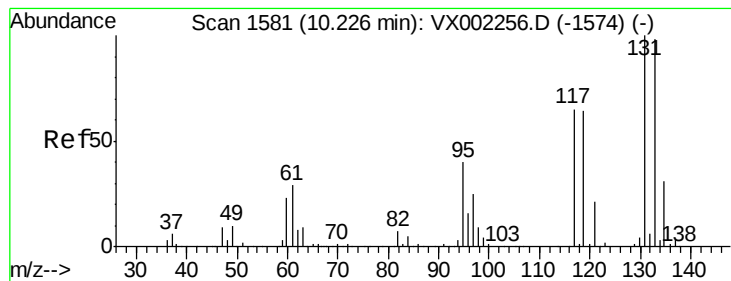
112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.466 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion:131 Resp: 156613

Ion Ratio Lower Upper

131 100

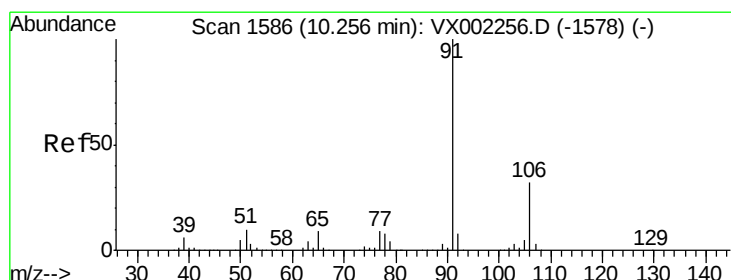
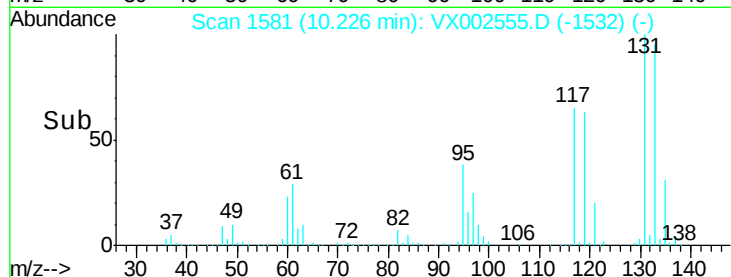
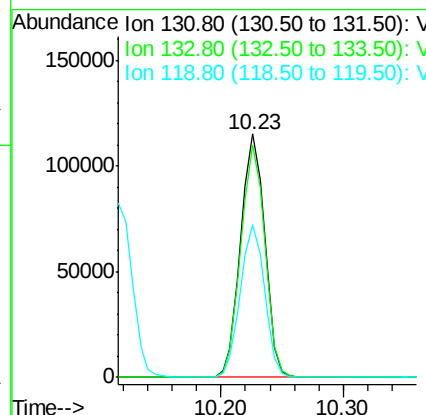
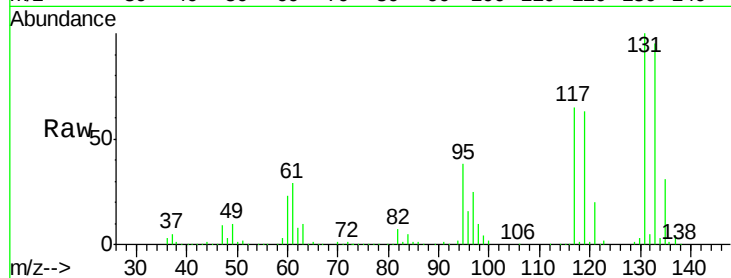
133 95.3 47.9 143.6

119 63.1 31.8 95.3

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#67

Ethyl Benzene

Concen: 48.645 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002555.D

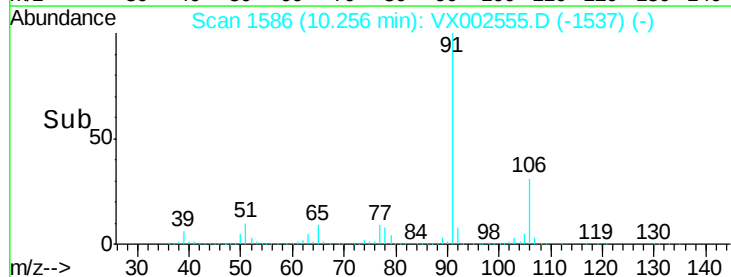
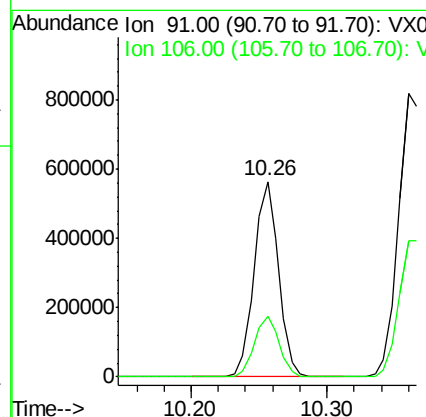
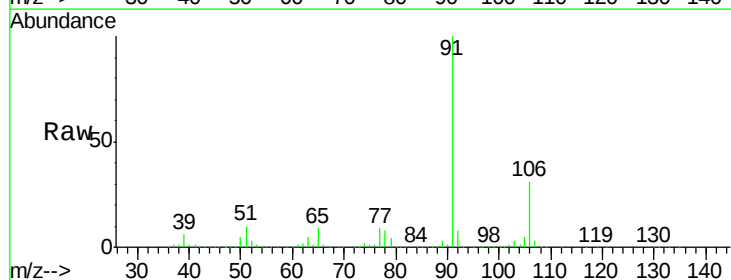
Acq: 14 Jun 2018 16:46

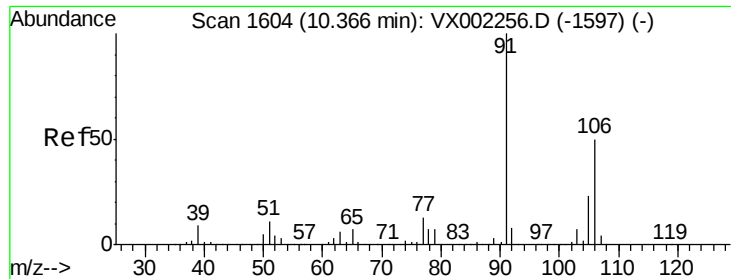
Tgt Ion: 91 Resp: 711820

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3





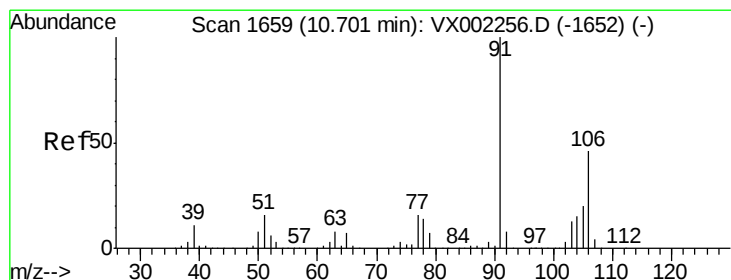
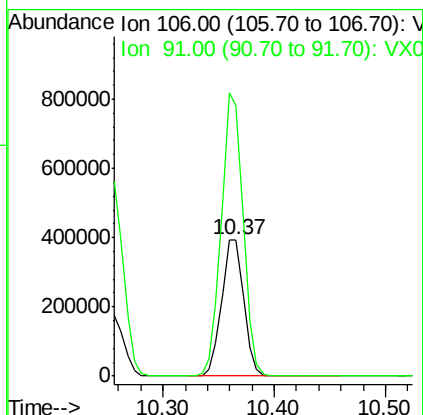
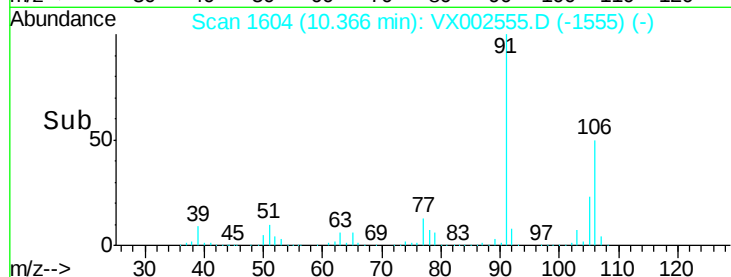
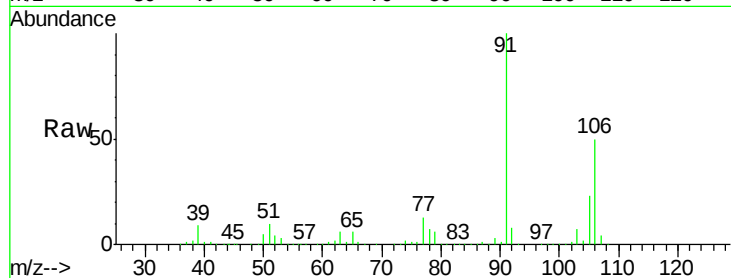
#68
m/p-Xylenes
Concen: 95.775 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion:106 Resp: 544791
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2

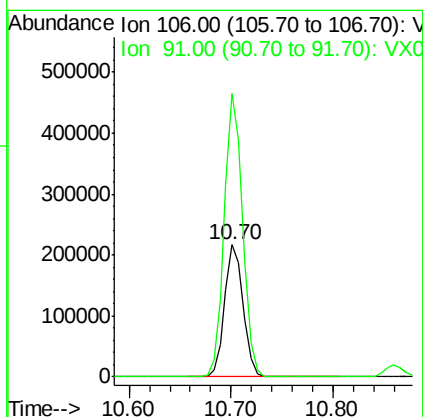
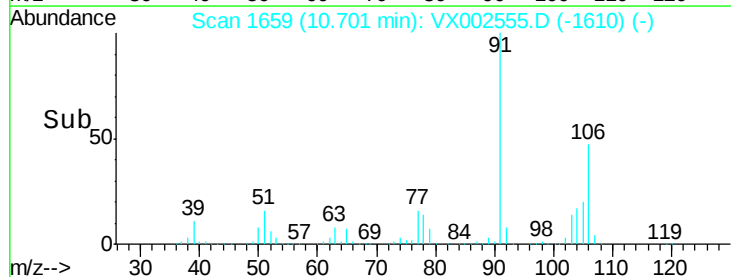
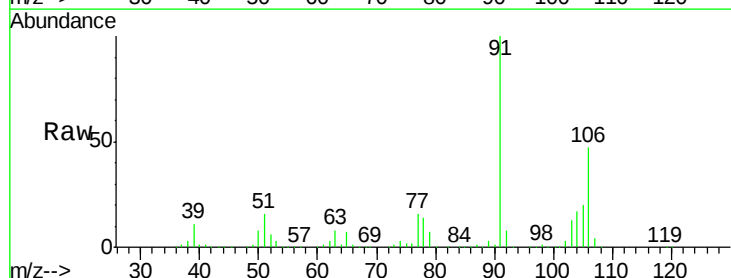
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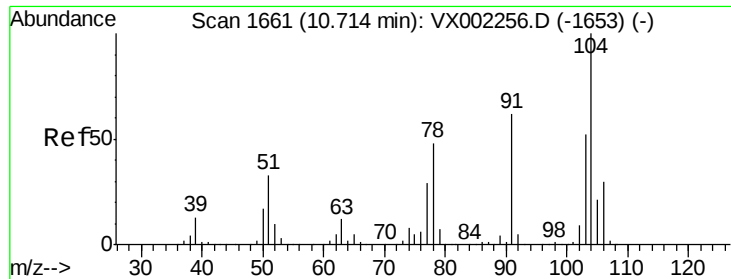
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#69
o-Xylene
Concen: 48.317 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion:106 Resp: 273508
Ion Ratio Lower Upper
106 100
91 212.5 108.2 324.6





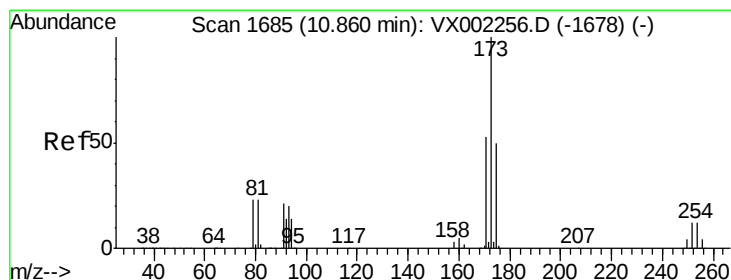
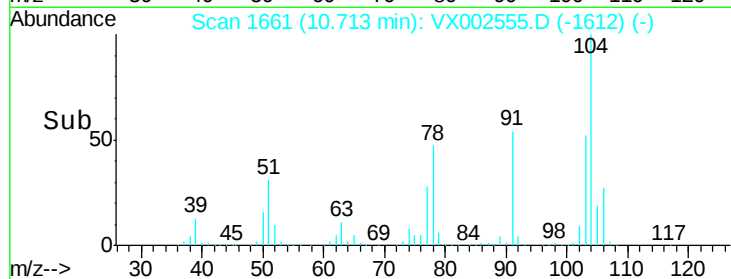
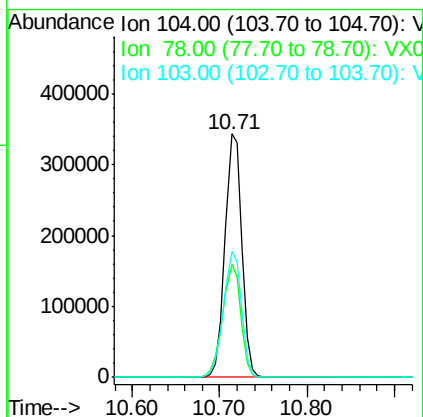
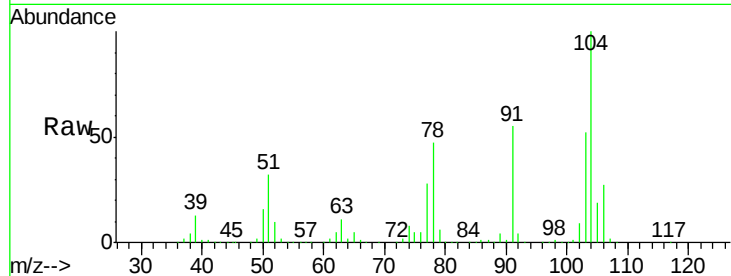
#70
Stvrene
Concen: 49.166 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.0	61.6
103	55.3	44.2	66.4

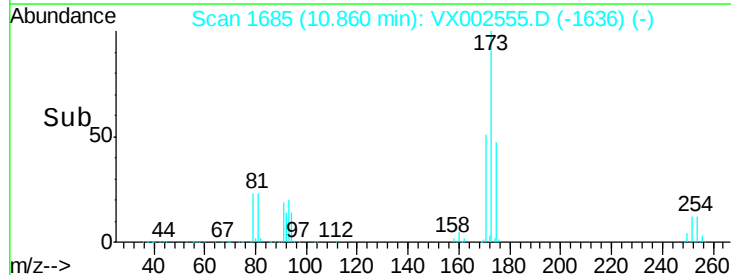
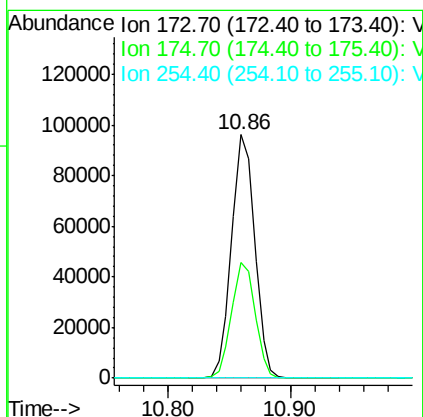
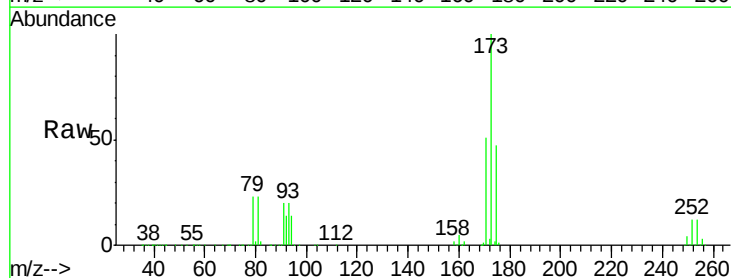
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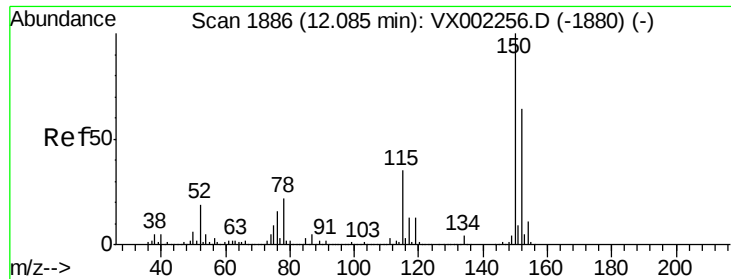
MMDadoda
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#71
Bromoform
Concen: 44.866 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.7	74.1
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion:152 Resp: 221493

Ion Ratio Lower Upper

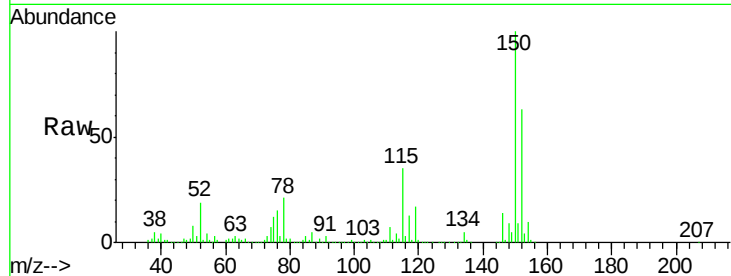
152 100

115 78.7 40.1 120.2

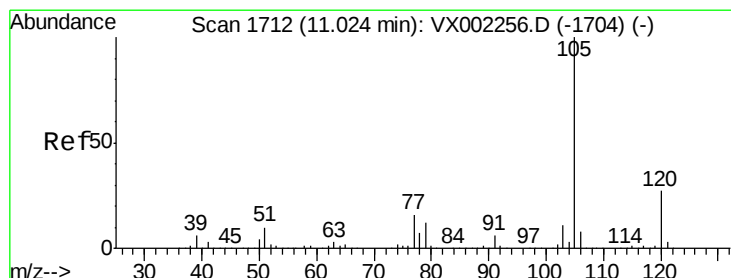
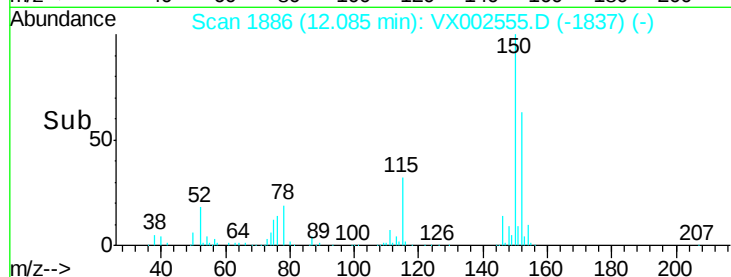
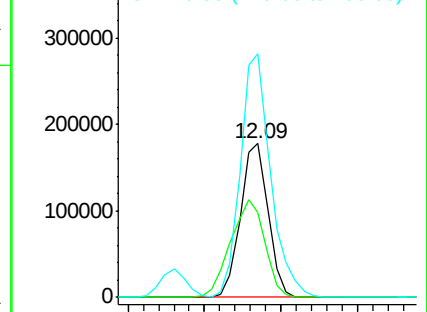
150 174.1 0.0 347.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.636 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002555.D

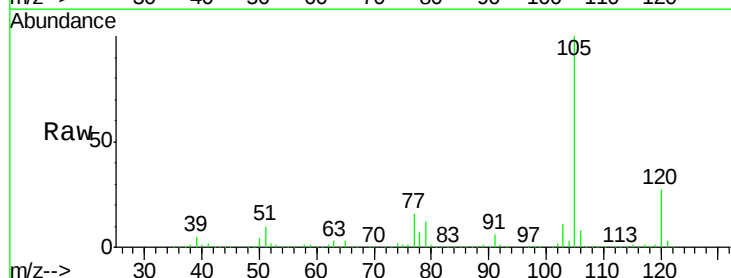
Acq: 14 Jun 2018 16:46

Tgt Ion:105 Resp: 733984

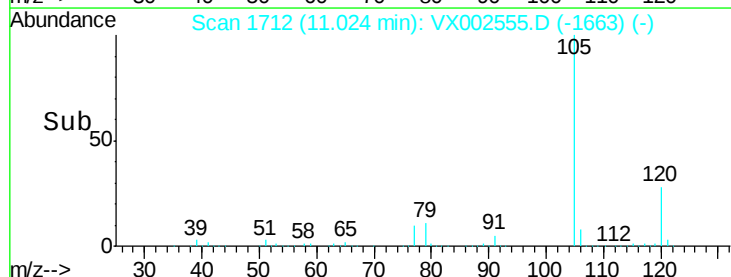
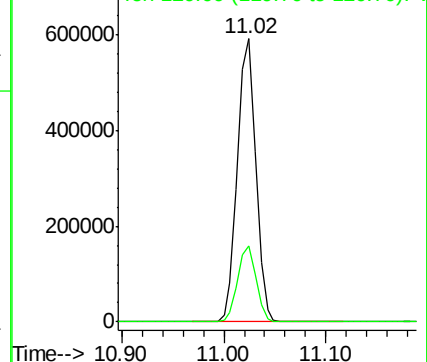
Ion Ratio Lower Upper

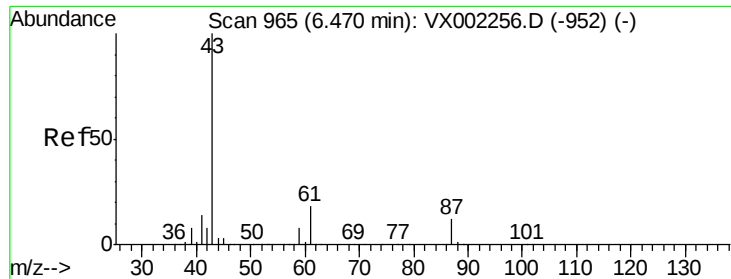
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.751 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

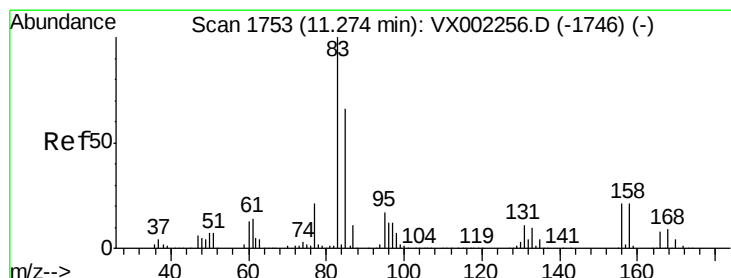
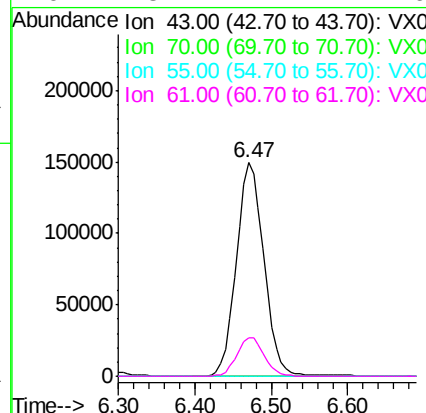
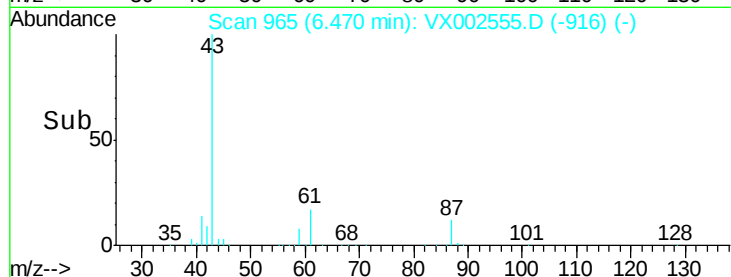
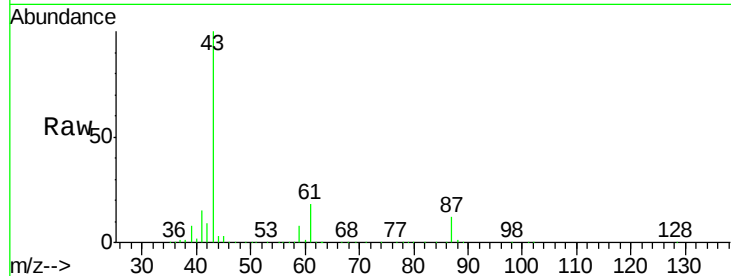
ClientSampleId :

SS050MW109-180606MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	0.0	0.0	0.0#	
55	0.0	0.0	0.0#	
61	18.2	14.4	21.6	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.223 ug/l

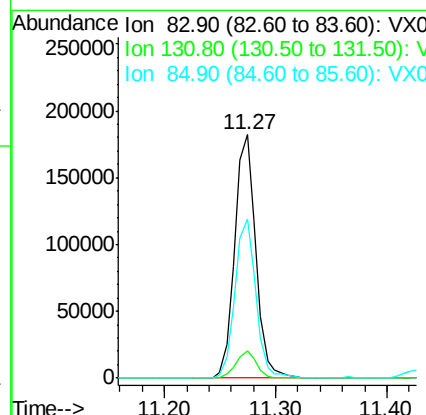
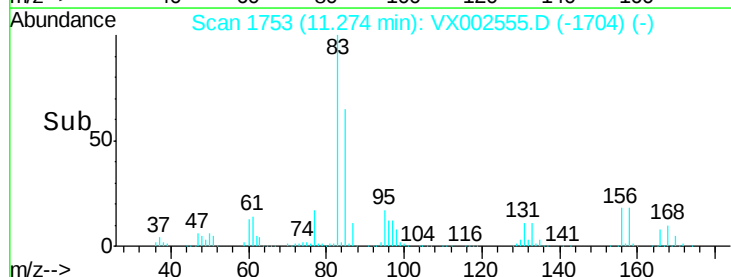
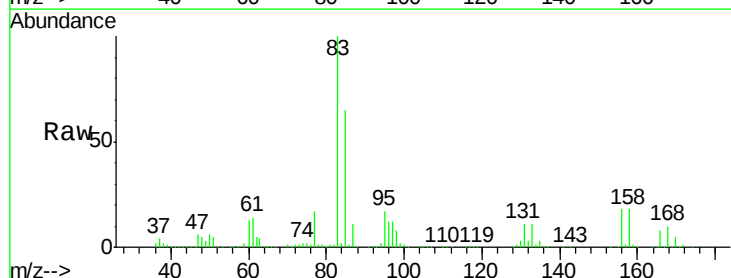
RT: 11.27 min Scan# 1753

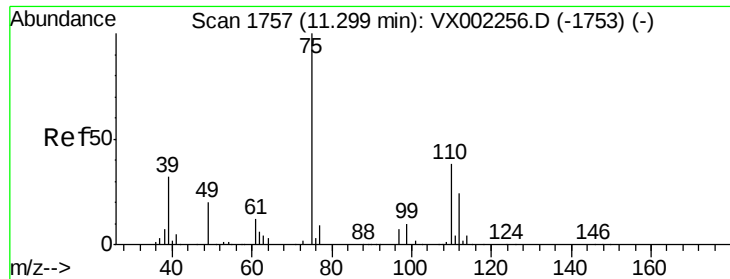
Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.9	5.6	16.8	
85	65.0	32.4	97.2	





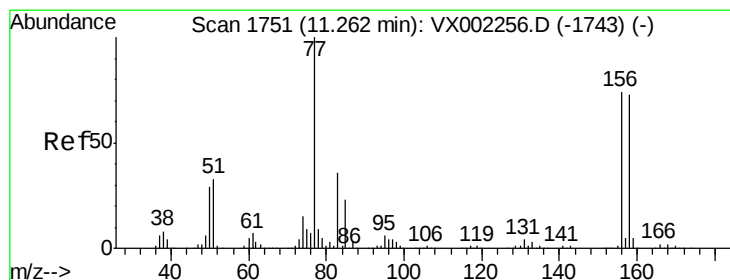
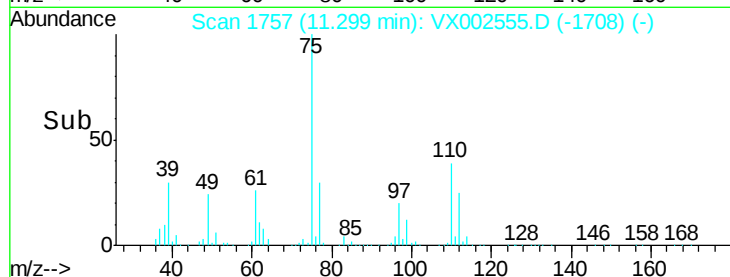
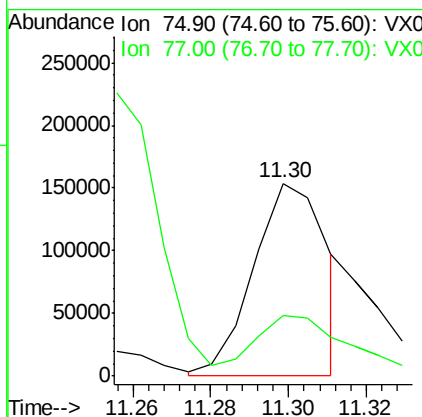
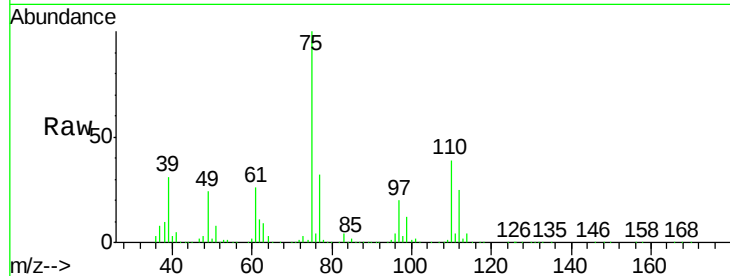
#76
1,2,3-Trichloropropane
Concen: 40.965 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion: 75 Resp: 199097
Ion Ratio Lower Upper
75 100
77 41.2 22.8 68.3

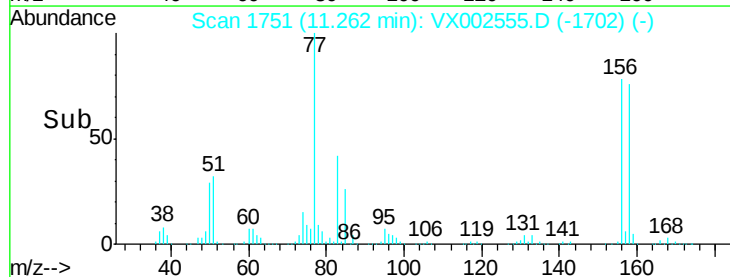
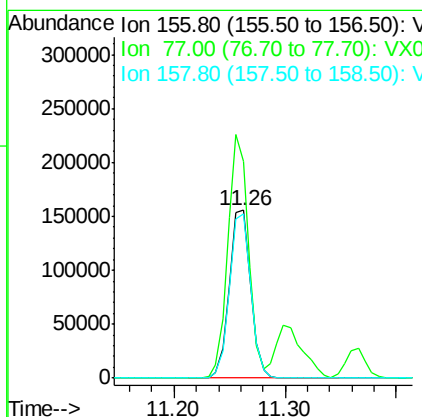
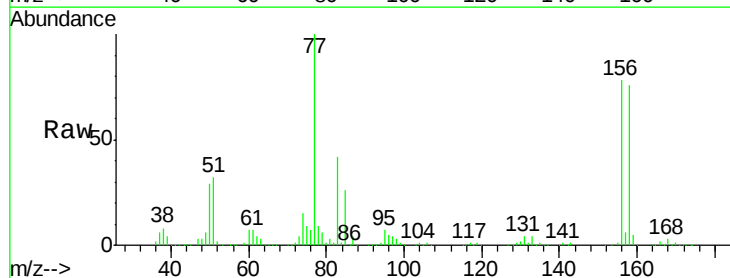
Manual Integrations
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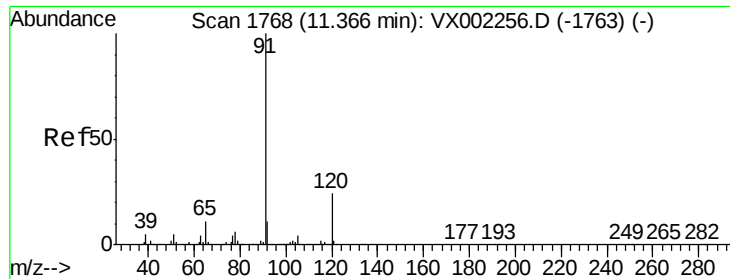
MMDadoda
6/15/2018 1:11:53 PM



#77
Bromobenzene
Concen: 47.584 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion: 156 Resp: 205833
Ion Ratio Lower Upper
156 100
77 139.8 71.4 214.2
158 97.7 48.9 146.6





#78

n-propylbenzene

Concen: 48.805 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 91 Resp: 835828

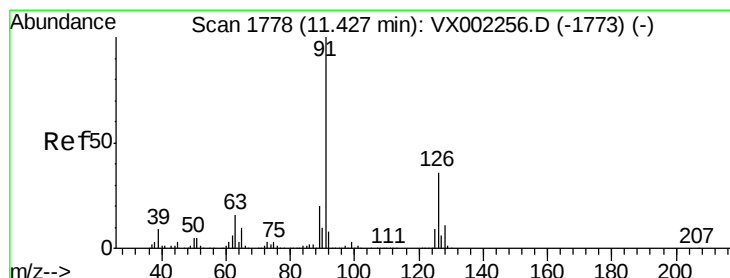
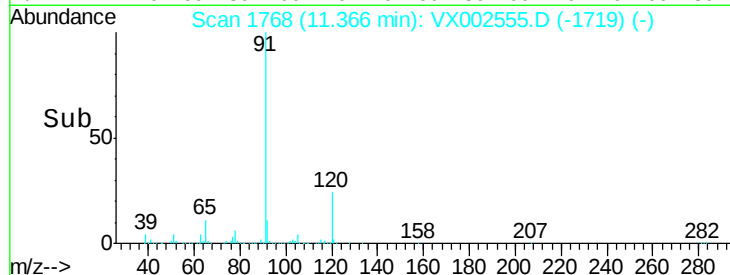
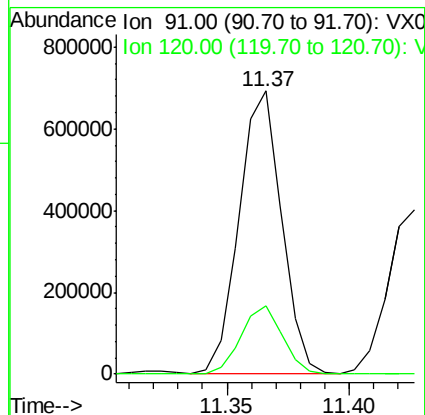
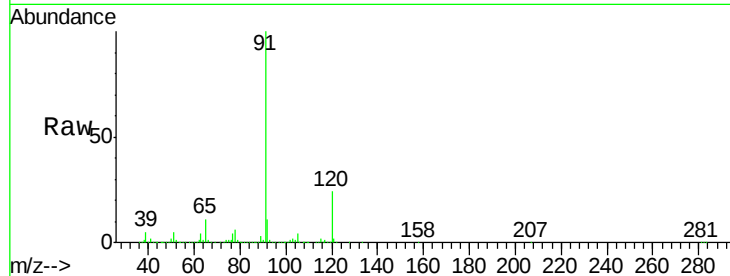
Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4

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#79

2-Chlorotoluene

Concen: 46.163 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002555.D

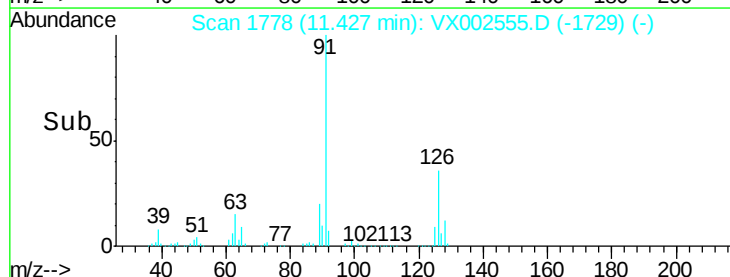
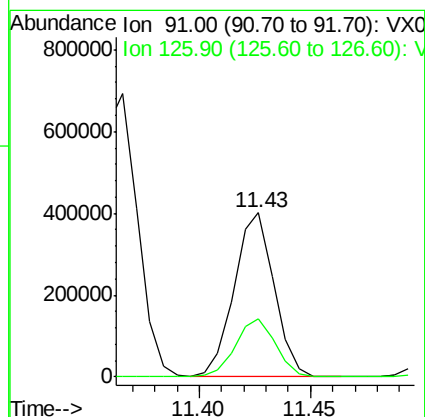
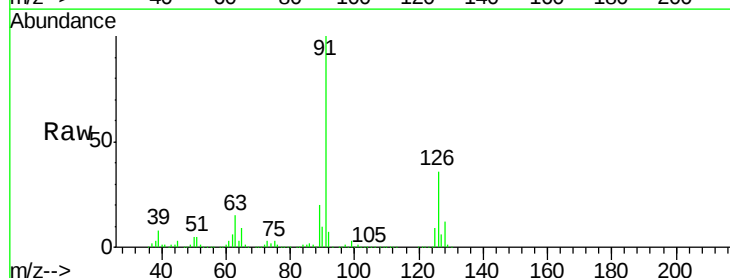
Acq: 14 Jun 2018 16:46

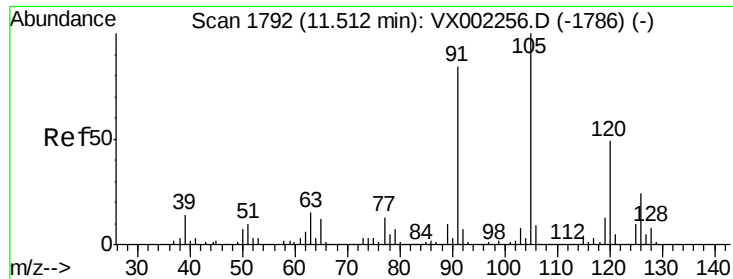
Tgt Ion: 91 Resp: 499196

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1





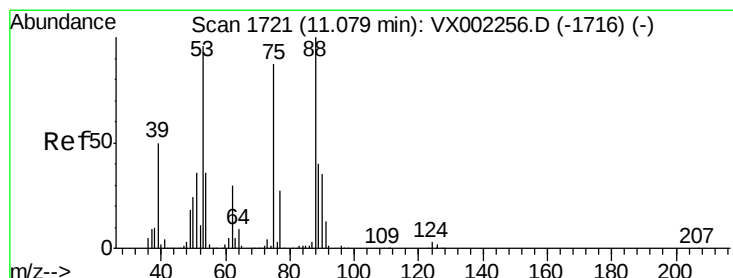
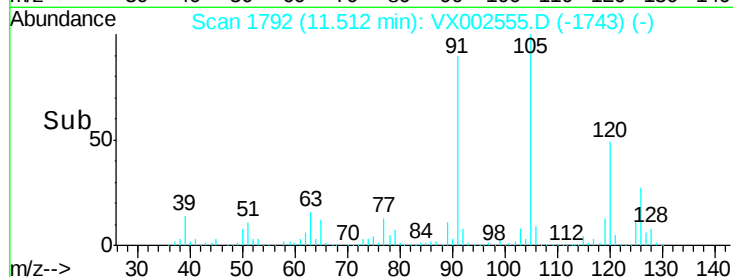
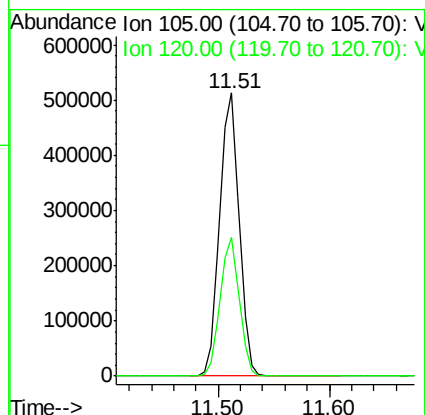
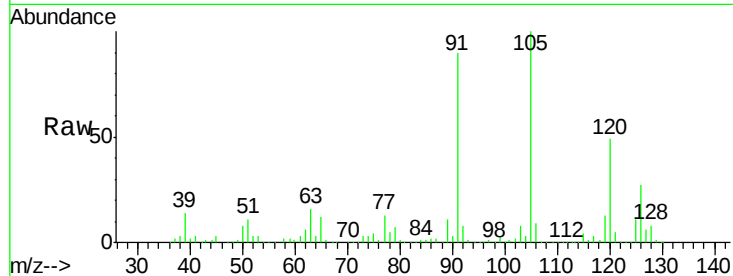
#80
 1,3,5-Trimethylbenzene
 Concen: 47.016 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion:105 Resp: 621356
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.4

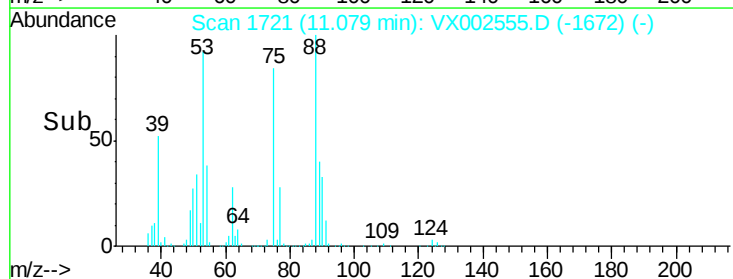
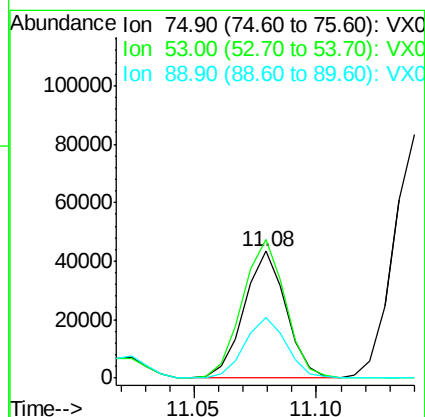
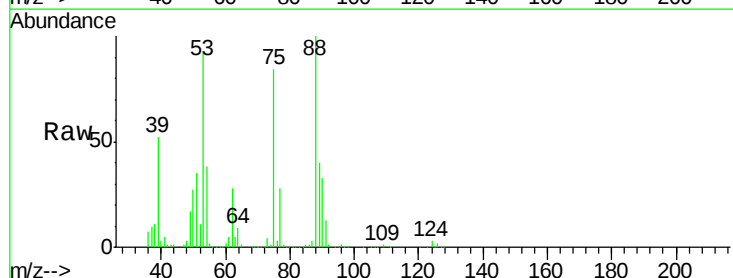
Manual Integrations
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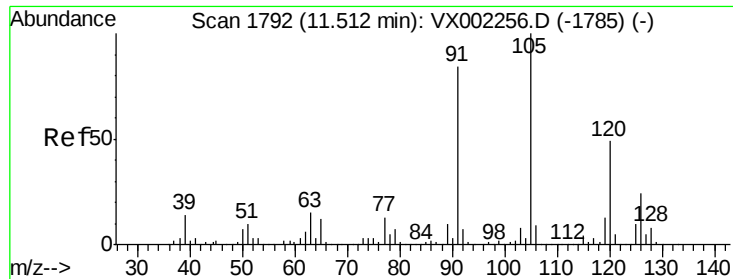
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.377 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion: 75 Resp: 51823
 Ion Ratio Lower Upper
 75 100
 53 111.1 86.8 130.2
 89 46.9 38.2 57.2





#82

4-Chlorotoluene

Concen: 47.232 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion: 91 Resp: 589542

Ion Ratio Lower Upper

91 100

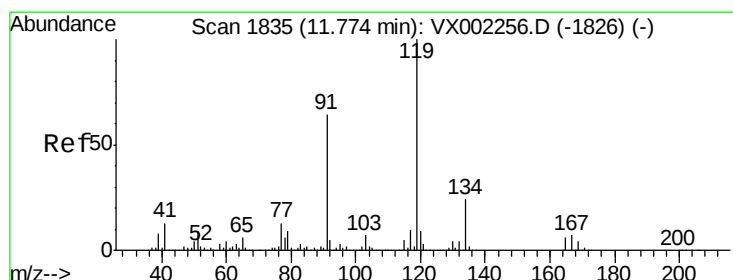
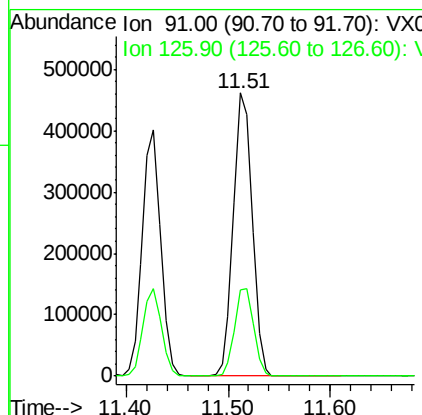
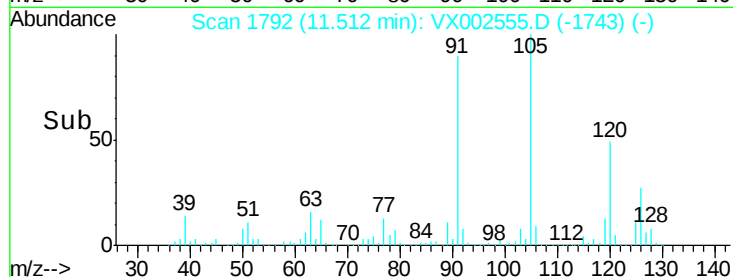
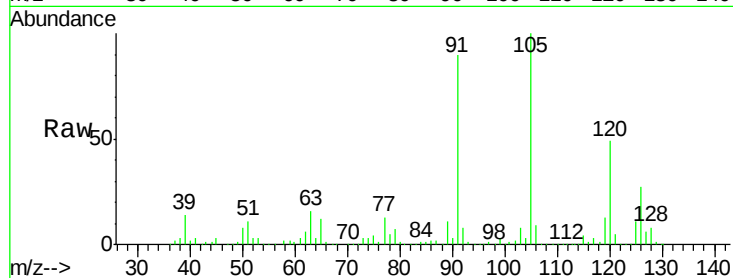
126 31.3 15.4 46.4

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#83

tert-Butylbenzene

Concen: 49.914 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

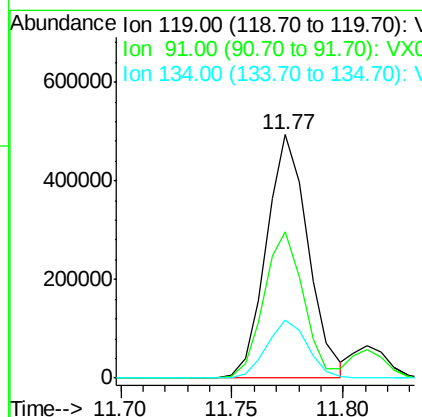
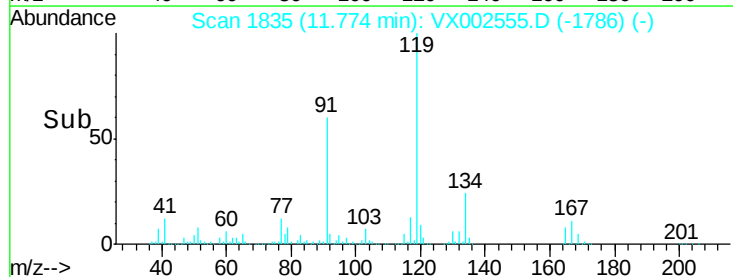
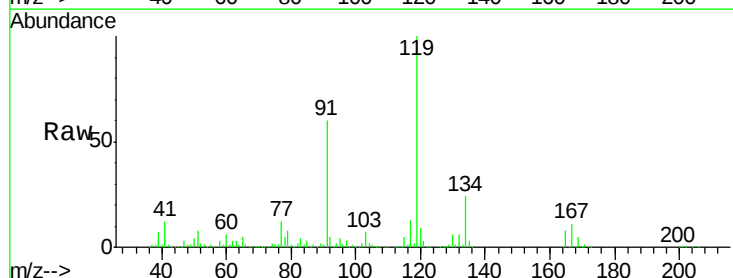
Tgt Ion: 119 Resp: 642367

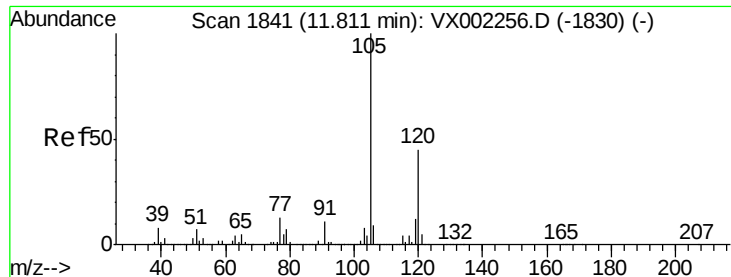
Ion Ratio Lower Upper

119 100

91 57.7 30.3 90.9

134 23.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 46.822 ug/l m

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002555.D

Acq: 14 Jun 2018 16:46

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MS

Tot Ion:105 Resp: 636978

Ion Ratio Lower Upper

105 100

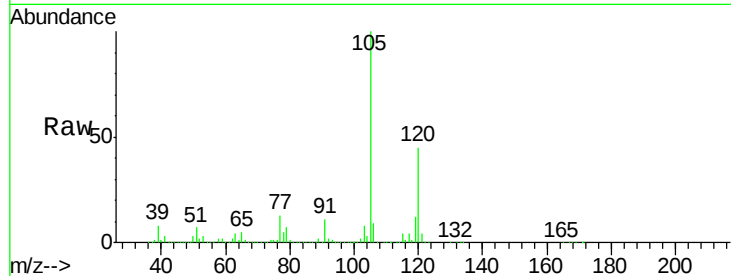
120 45.6 22.3 66.8

Manual Integrations

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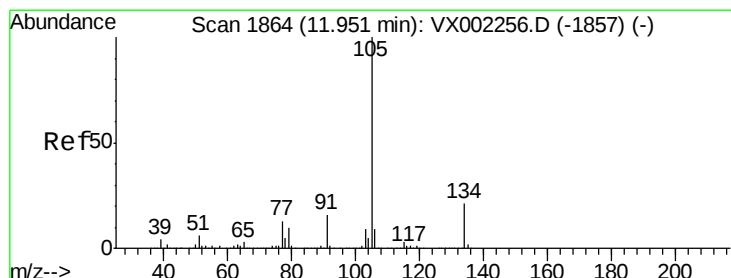
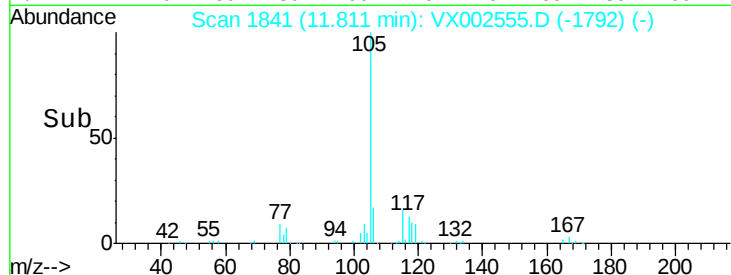
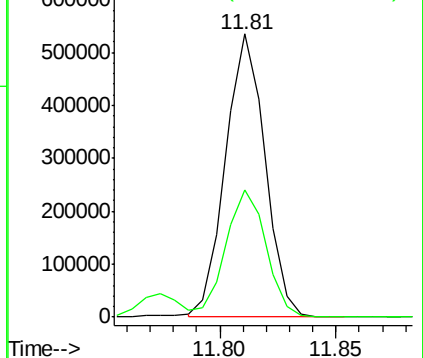
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 49.341 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002555.D

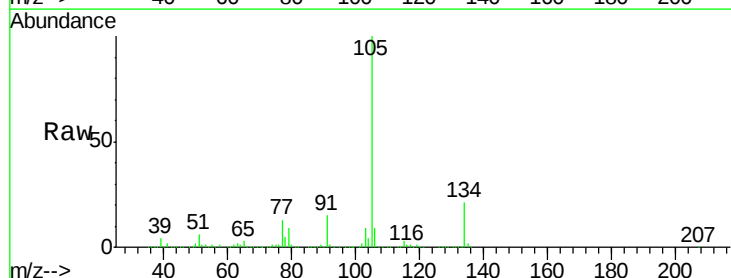
Acq: 14 Jun 2018 16:46

Tgt Ion:105 Resp: 744416

Ion Ratio Lower Upper

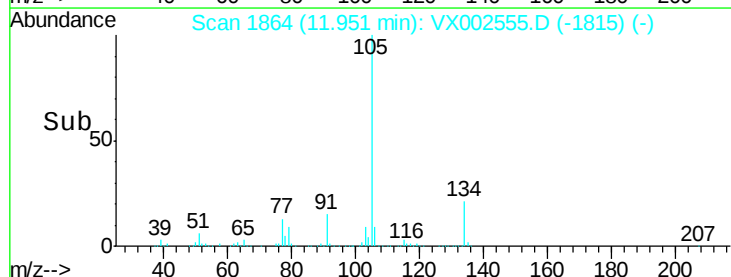
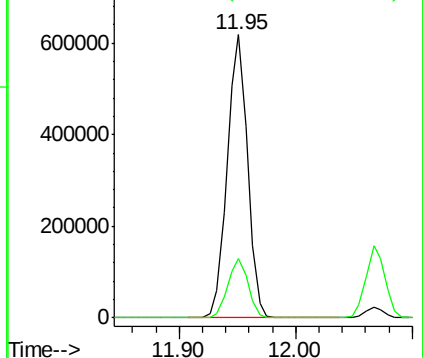
105 100

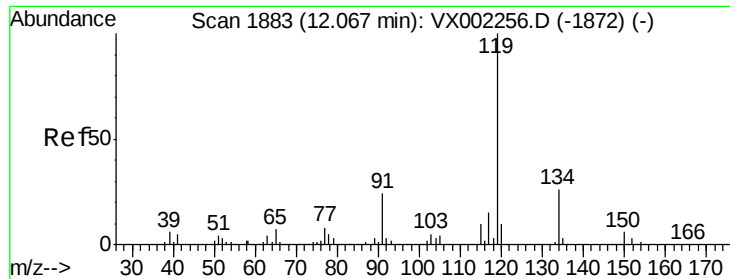
134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





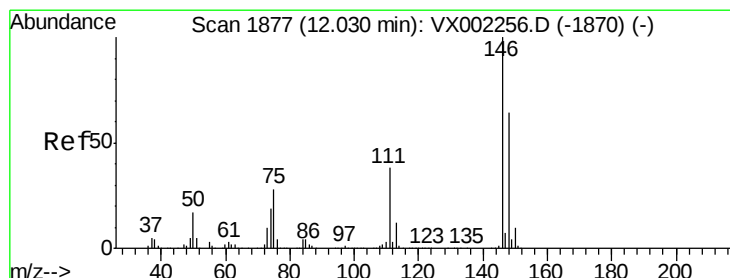
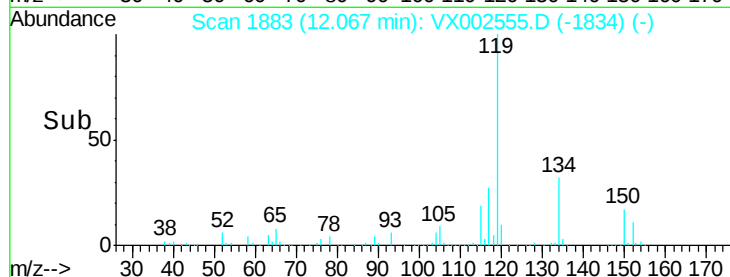
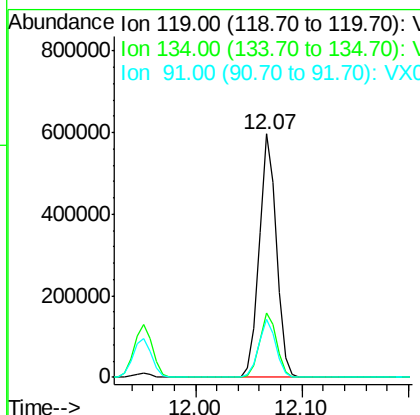
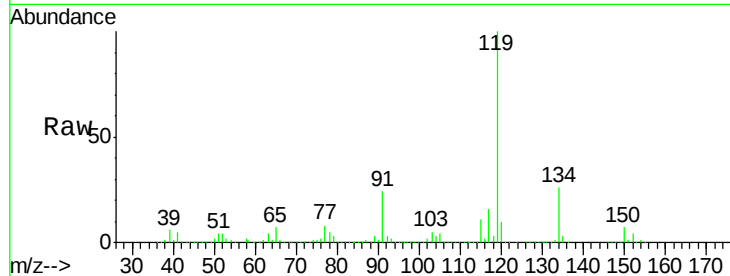
#86
p-Isopropyltoluene
Concen: 49.100 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	674756		
134	26.6		13.4	40.1
91	23.8		11.9	35.7

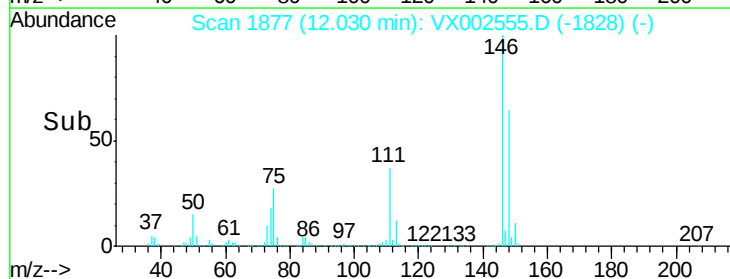
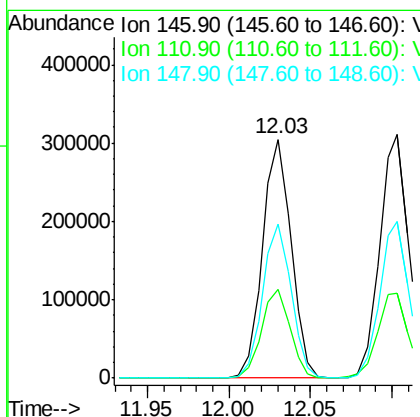
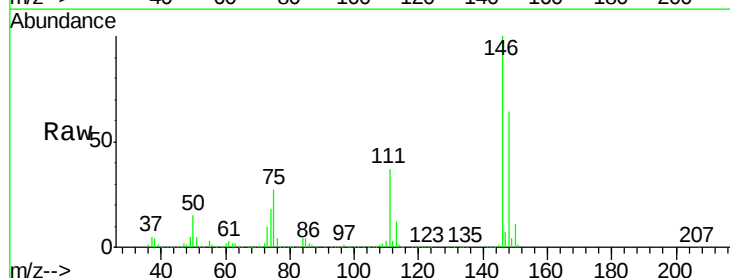
Manual Integrations
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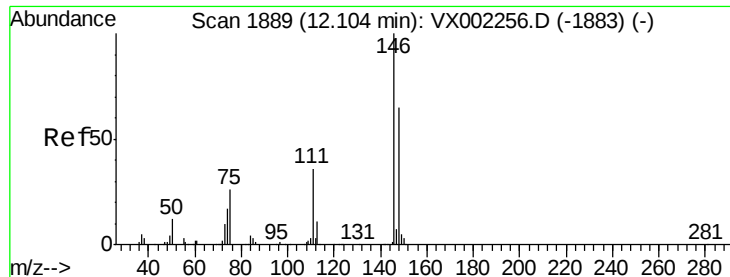
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 48.103 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	372049		
111	37.4		18.9	56.7
148	64.3		32.1	96.3





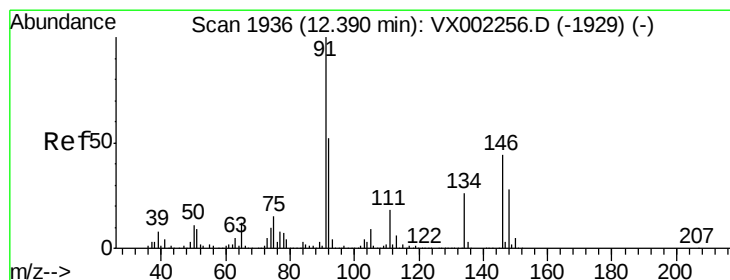
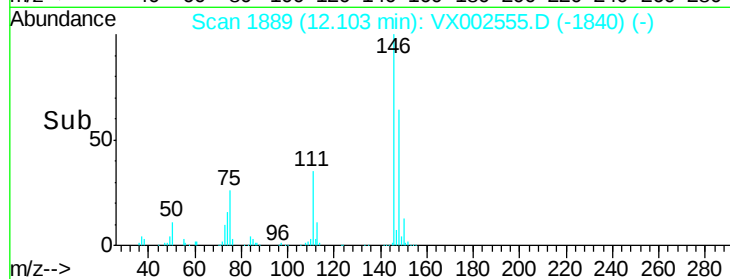
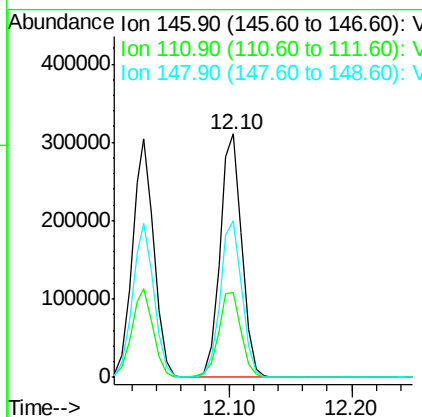
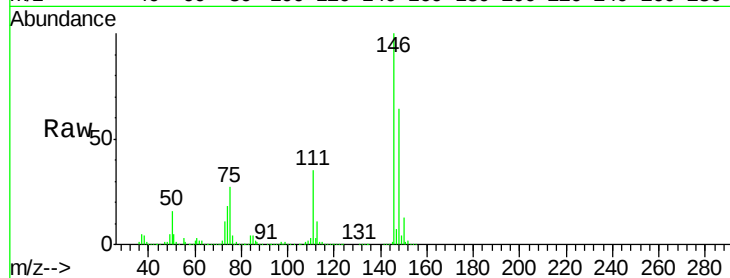
#88
 1,4-Dichlorobenzene
 Concen: 47.812 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	64.4	32.4	97.0

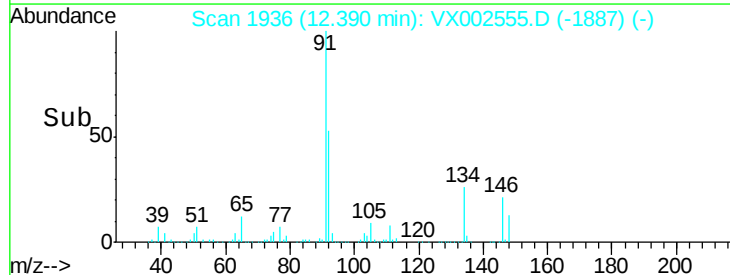
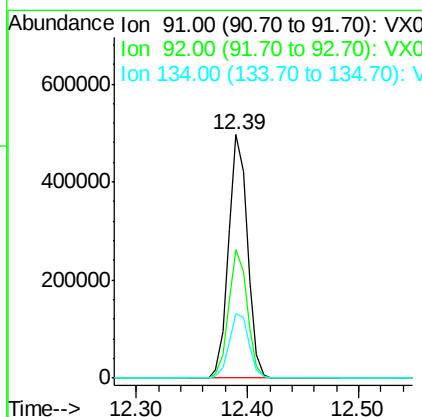
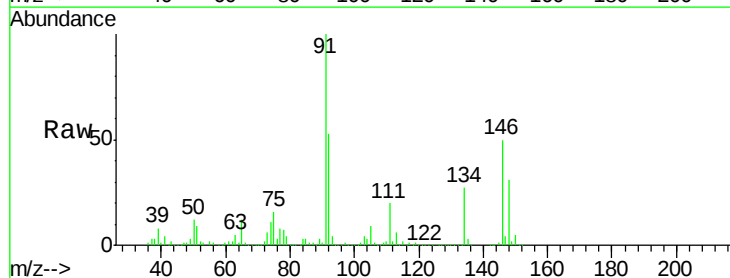
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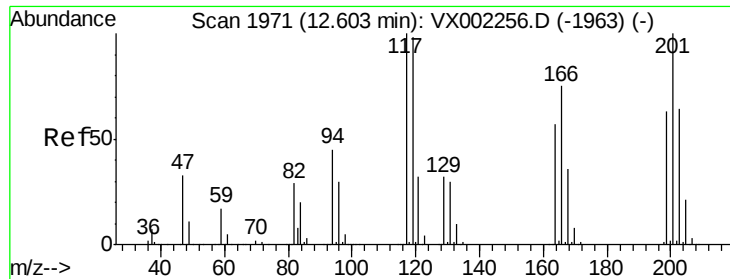
MMDadoda
 6/15/2018 1:11:53 PM



#89
 n-Butylbenzene
 Concen: 50.381 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.5	13.5	40.5





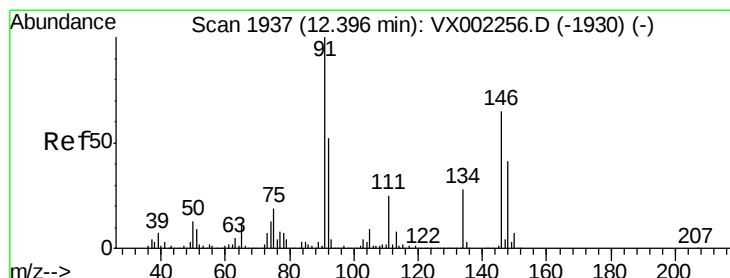
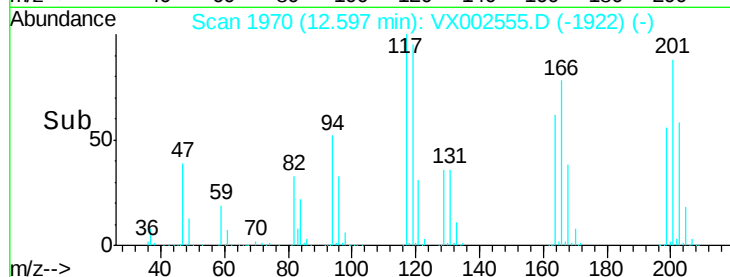
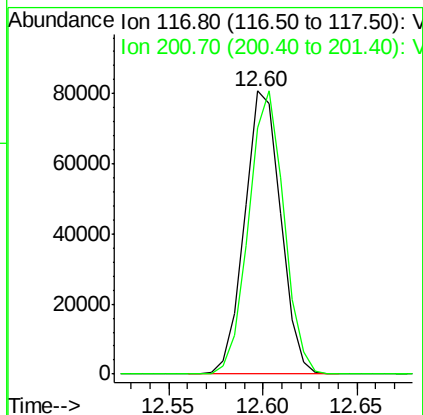
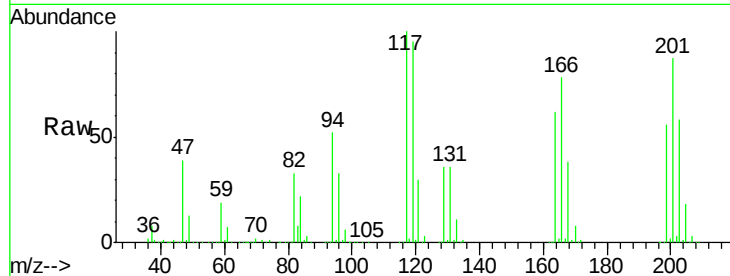
#90
Hexachloroethane
Concen: 48.897 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

Tot Ion:117 Resp: 107265
Ion Ratio Lower Upper
117 100
201 97.5 49.0 147.0

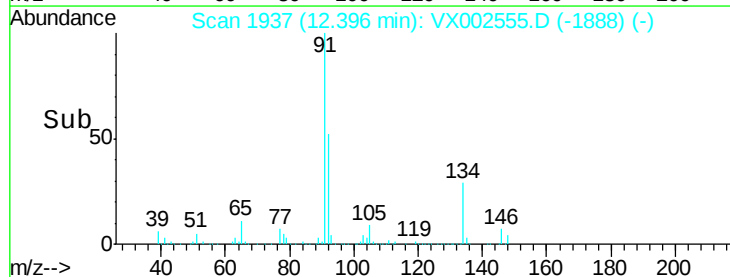
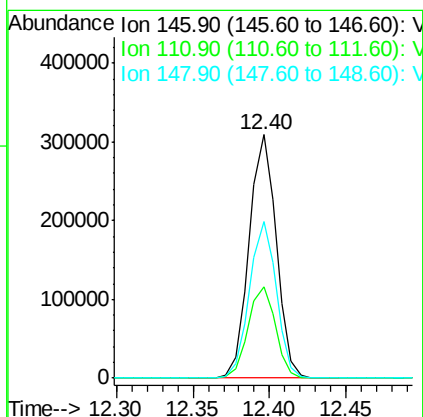
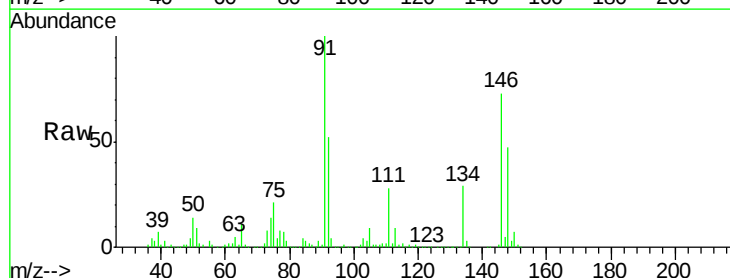
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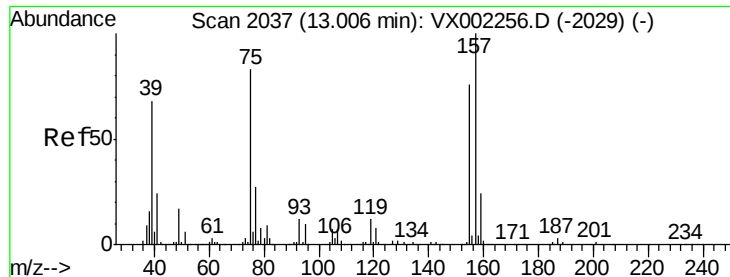
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#91
1,2-Dichlorobenzene
Concen: 47.704 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion:146 Resp: 381745
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.1
148 63.9 31.7 95.1





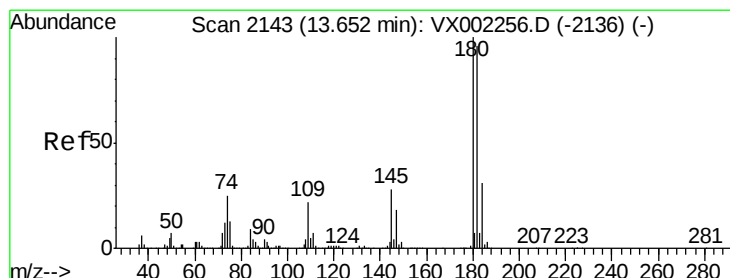
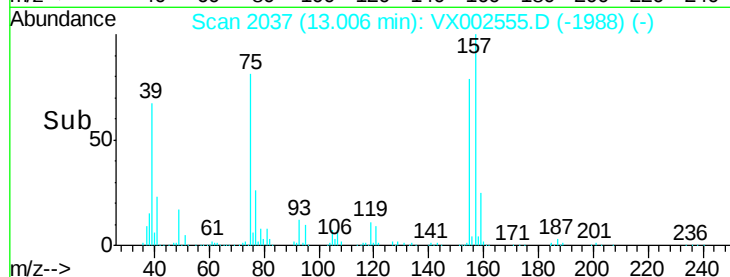
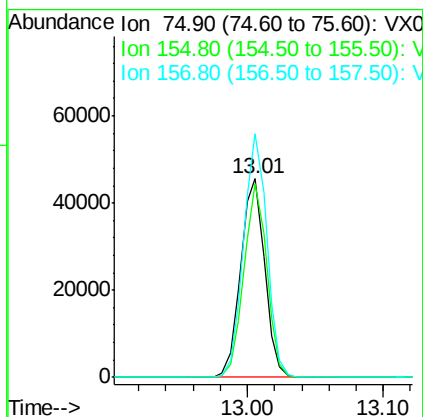
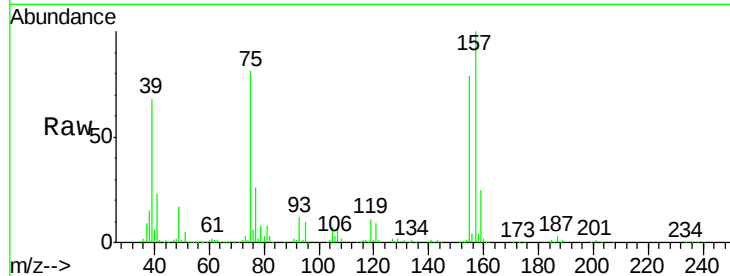
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.639 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	93.9	45.8	137.4
157	120.1	60.1	180.3

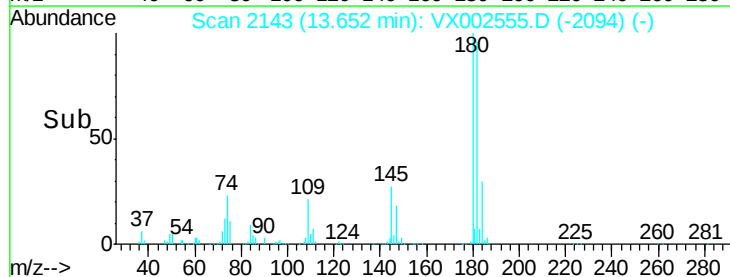
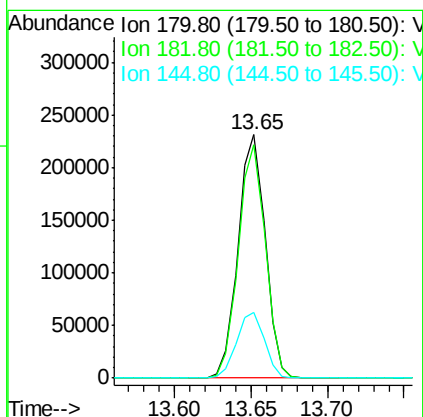
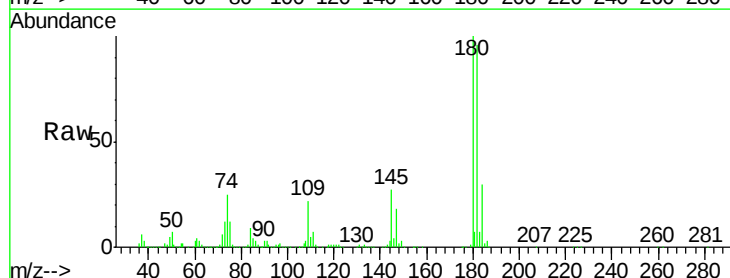
Manual Integrations
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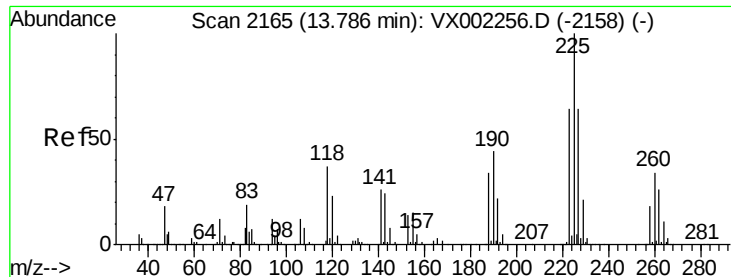
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.613 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	27.9	14.1	42.4





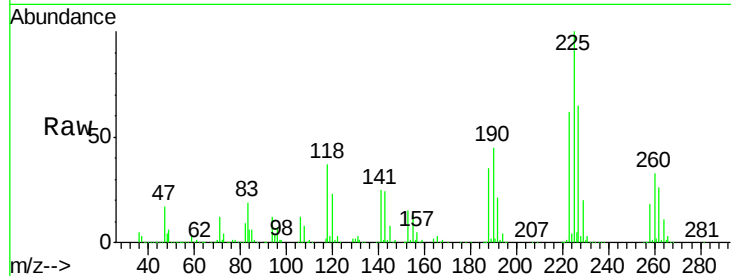
#94
Hexachlorobutadiene
Concen: 48.810 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MS

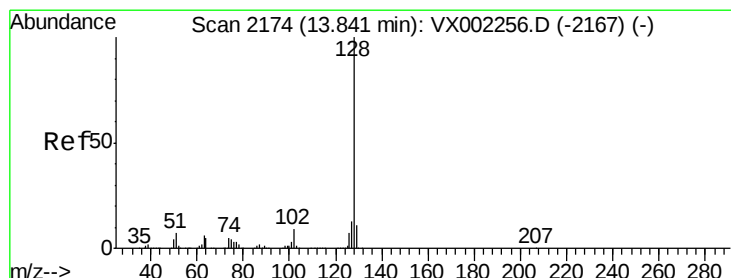
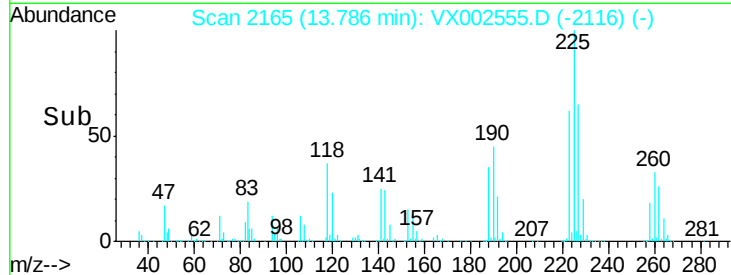
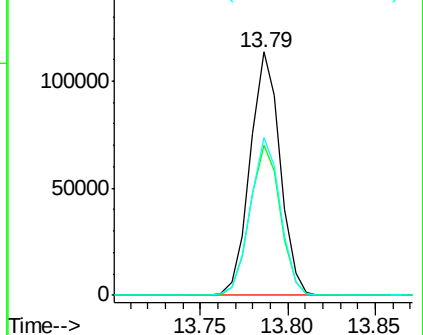
Tot Ion	Ratio	Resp	Lower	Upper
225	100	135338		
223	62.4		31.6	95.0
227	64.6		32.4	97.2

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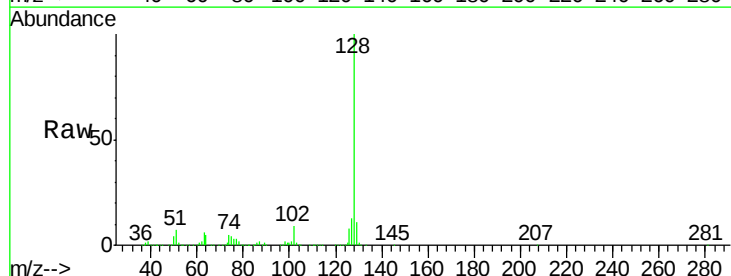


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

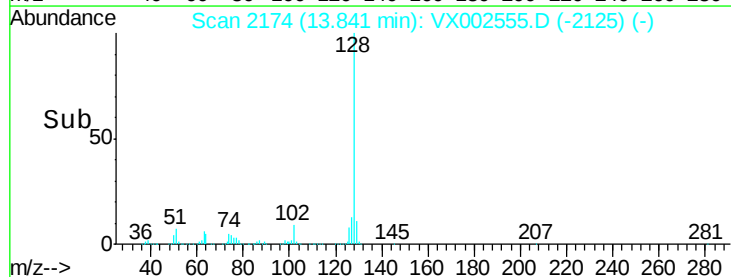
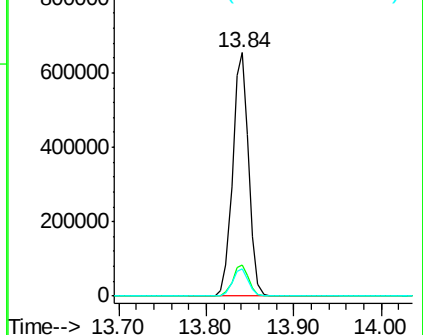


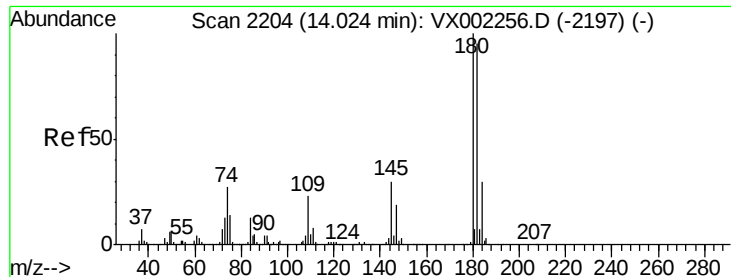
#95
Naphthalene
Concen: 51.600 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002555.D
Acq: 14 Jun 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	831895		
127	13.0		10.4	15.6
129	11.0		8.6	13.0



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: 50.578 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002555.D
 Acq: 14 Jun 2018 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	48.0	144.0
145	29.8	14.8	44.3

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