

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003613.D
 Acq On : 23 Jul 2018 19:10
 Operator : JC/SP
 Sample : J4048-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:33 PM

Quant Time: Jul 24 08:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159298	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.51	113	148858	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.72	98	555310	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	204293	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106137	50.06	ug/l	99
3) Chloromethane	1.32	50	139690	53.23	ug/l	99
4) Vinyl Chloride	1.40	62	158254	46.65	ug/l	99
5) Bromomethane	1.64	94	70996	52.74	ug/l	100
6) Chloroethane	1.72	64	105862	52.74	ug/l	99
7) Trichlorofluoromethane	1.93	101	232648	51.40	ug/l	99
8) Diethyl Ether	2.19	74	101150	52.04	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	146017	49.29	ug/l	98
10) Methyl Iodide	2.51	142	188210	52.89	ug/l	93
11) Tert butyl alcohol	3.08	59	170495	272.57	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139365	51.10	ug/l	87
13) Acrolein	2.29	56	56250	199.03	ug/l	99
14) Allyl chloride	2.73	41	251300	52.05	ug/l	87
15) Acrylonitrile	3.15	53	443787	278.67	ug/l	98
16) Acetone	2.45	43	343519	287.70	ug/l #	87
17) Carbon Disulfide	2.57	76	360759	48.91	ug/l	99
18) Methyl Acetate	2.78	43	214584	57.01	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	497574	55.87	ug/l	99
20) Methylene Chloride	2.86	84	165331	56.75	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	153240	50.50	ug/l	93
22) Diisopropyl ether	3.88	45	482232	53.08	ug/l	94
23) Vinyl Acetate	3.83	43	1888525	252.35	ug/l	95
24) 1,1-Dichloroethane	3.70	63	286991	53.84	ug/l	99
25) 2-Butanone	4.71	43	528263	263.69	ug/l	91
26) 1,2-Dichloropropane	4.59	77	143013	35.32	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	172403	51.02	ug/l	91
28) Bromochloromethane	5.03	49	113882	48.88	ug/l #	82
29) Tetrahydrofuran	5.17	42	343287	259.40	ug/l	88
30) Chloroform	5.22	83	271918	52.24	ug/l	98
31) Cyclohexane	5.57	56	226133	47.48	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	233553	52.40	ug/l	96
36) 1,1-Dichloropropene	5.80	75	196456	48.52	ug/l	96
37) Ethyl Acetate	4.87	43	190630	49.76	ug/l	94
38) Carbon Tetrachloride	5.78	117	211982	53.38	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230888	48.15	ug/l	92
40) Benzene	6.15	78	629138	51.47	ug/l	100
41) Methacrylonitrile	5.07	41	113998	50.63	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	202280	52.52	ug/l	94
43) Isopropyl Acetate	6.47	43	309968	50.86	ug/l #	91
44) Trichloroethene	7.22	130	187672	51.48	ug/l	96
45) 1,2-Dichloropropane	7.52	63	162502	52.35	ug/l	99
46) Dibromomethane	7.67	93	107650	53.87	ug/l	92
47) Bromodichloromethane	7.90	83	202867	55.45	ug/l	98
48) Methyl methacrylate	7.78	41	165930	53.99	ug/l #	82
49) 1,4-Dioxane	7.76	88	69131	992.70	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1083732	281.47	ug/l	90
52) Toluene	8.79	92	404409	52.56	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	233120	51.77	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	213972	52.84	ug/l #	85
55) 1,1,2-Trichloroethane	9.22	97	169240	55.27	ug/l	97
56) Ethyl methacrylate	9.18	69	244576	56.71	ug/l #	80
57) 1,3-Dichloropropane	9.38	76	269647	54.48	ug/l	99
59) 2-Hexanone	9.50	43	811164	284.34	ug/l	87
60) Dibromochloromethane	9.59	129	175027	57.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	173759	54.74	ug/l	100
64) Tetrachloroethene	9.34	164	214524	48.76	ug/l	98
65) Chlorobenzene	10.14	112	467421	50.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	173559	54.22	ug/l	100
67) Ethyl Benzene	10.26	91	766560	51.24	ug/l	100
68) m/p-Xylenes	10.36	106	603371	102.88	ug/l	95
69) o-Xylene	10.70	106	292788	51.63	ug/l	95
70) Stvrene	10.71	104	497201	53.30	ug/l	96
71) Bromoform	10.86	173	141926	57.06	ug/l	100
73) Isopropylbenzene	11.02	105	792140	51.46	ug/l	99
74) N-amyl acetate	6.47	43	309968	47.42	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	239832	53.16	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	207687m	51.94	ug/l	
77) Bromobenzene	11.26	156	223089	50.39	ug/l	94
78) n-propylbenzene	11.37	91	868210	50.74	ug/l	97
79) 2-Chlorotoluene	11.43	91	518772	49.94	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	644994	50.98	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	60758	43.48	ug/l	87
82) 4-Chlorotoluene	11.51	91	602366	49.49	ug/l	96
83) tert-Butylbenzene	11.77	119	647663	52.27	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	668922	51.96	ug/l	97
85) sec-Butylbenzene	11.95	105	771064	51.24	ug/l	98
86) p-Isopropyltoluene	12.07	119	693076	51.32	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	399647	49.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400219	47.74	ug/l	99
89) n-Butylbenzene	12.39	91	558433	48.69	ug/l	97
90) Hexachloroethane	12.60	117	99751	51.96	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	407096	50.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48820	55.61	ug/l	82
93) 1,2,4-Trichlorobenzene	13.65	180	290649	49.44	ug/l	100

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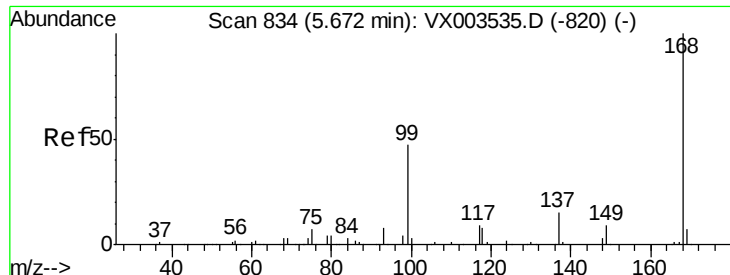
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	136380	48.24	ug/l	100
95) Naphthalene	13.84	128	844671	54.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298523	51.30	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampled :

YT-MW-7MS

Tot Ion:168 Resp: 267043

Ion Ratio Lower Upper

168 100

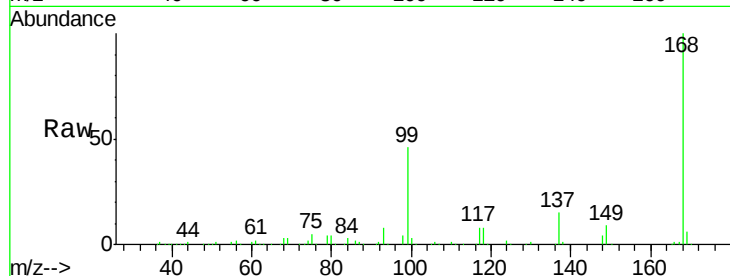
99 46.4 39.3 58.9

Manual Integrations

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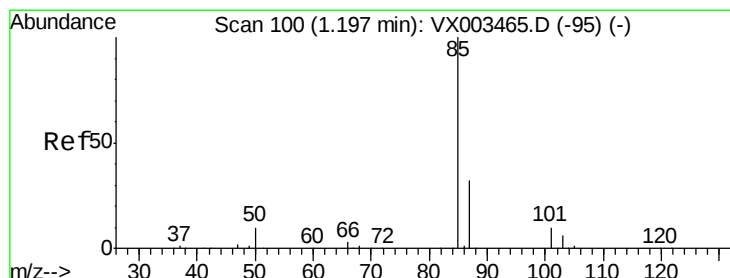
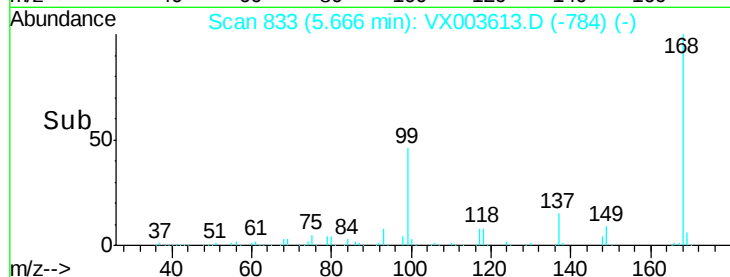
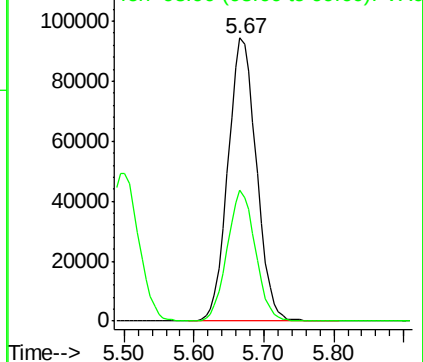
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003613.D

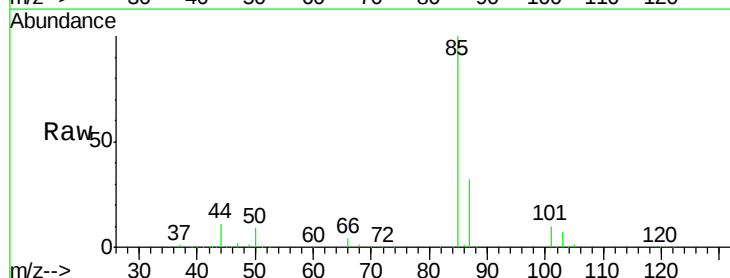
Acq: 23 Jul 2018 19:10

Tgt Ion: 85 Resp: 106137

Ion Ratio Lower Upper

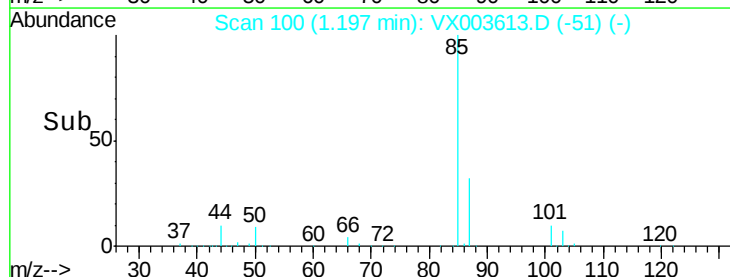
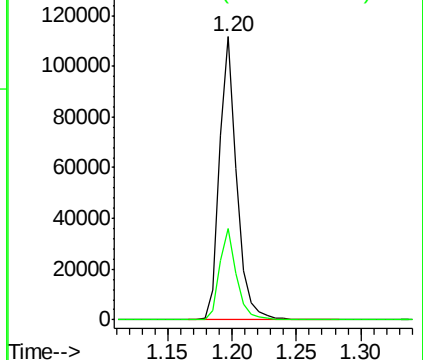
85 100

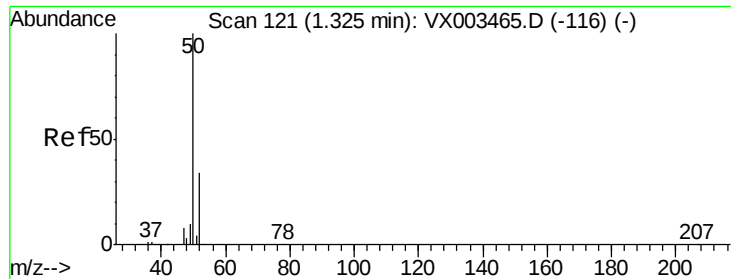
87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 50 Resp: 139690

Ion Ratio Lower Upper

50 100

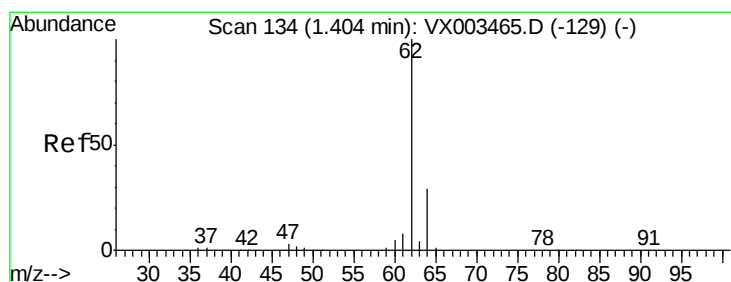
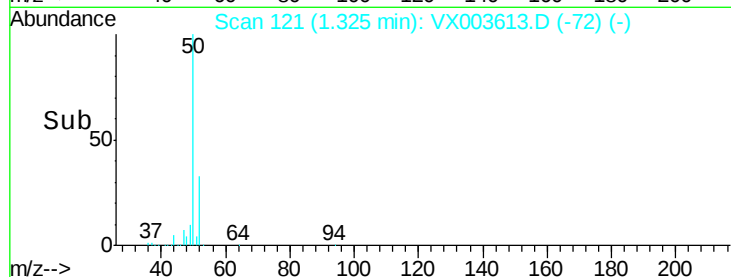
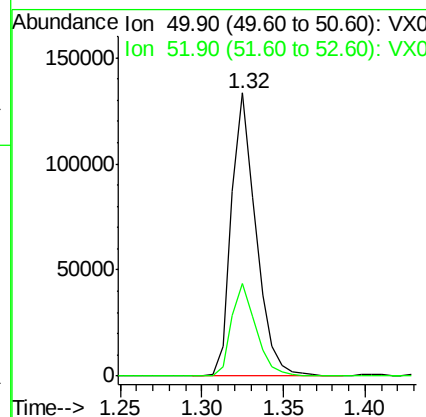
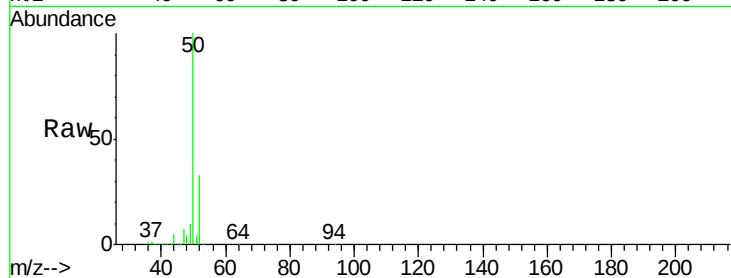
52 32.6 25.7 38.5

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#4

Vinyl Chloride

Concen: 46.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003613.D

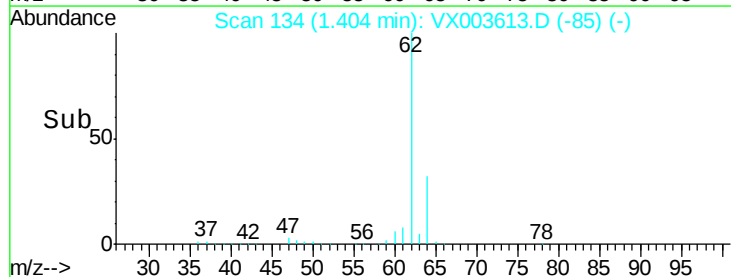
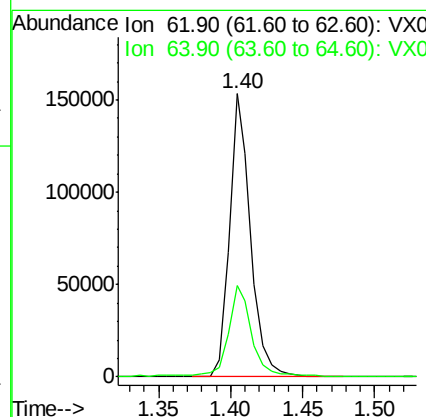
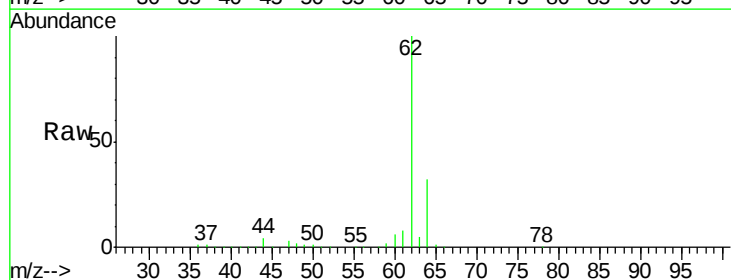
Acq: 23 Jul 2018 19:10

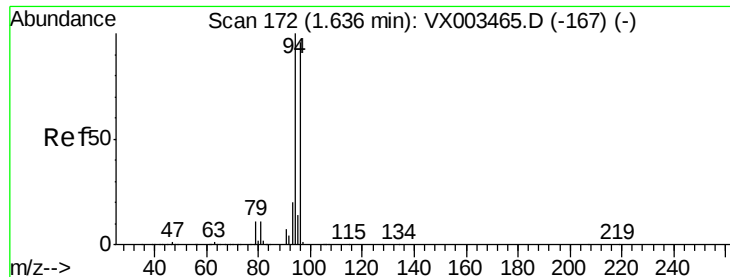
Tgt Ion: 62 Resp: 158254

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 52.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 94 Resp: 70996

Ion Ratio Lower Upper

94 100

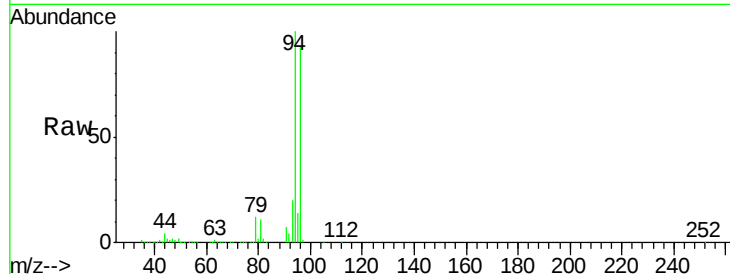
96 93.1 74.9 112.3

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

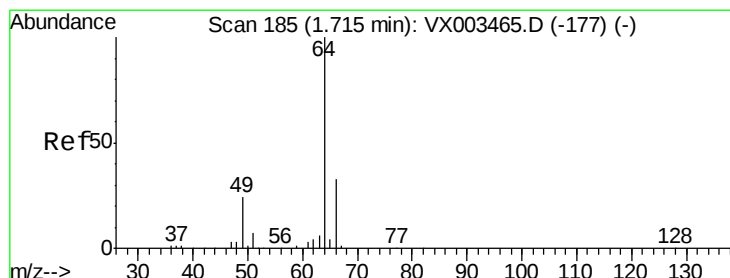
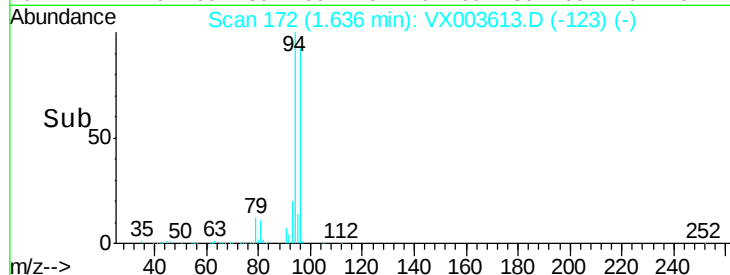
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 52.74 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003613.D

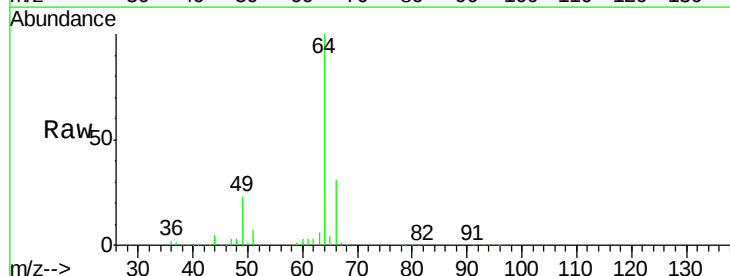
Acq: 23 Jul 2018 19:10

Tgt Ion: 64 Resp: 105862

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

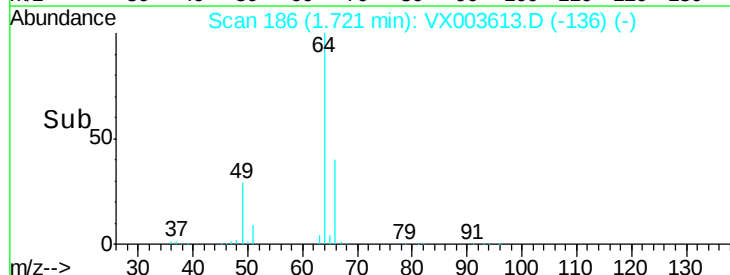
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40000

20000

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Time-->





#7

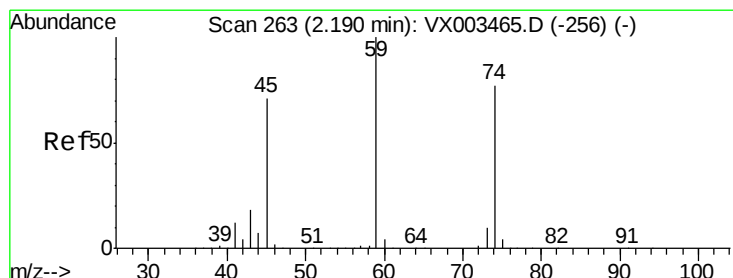
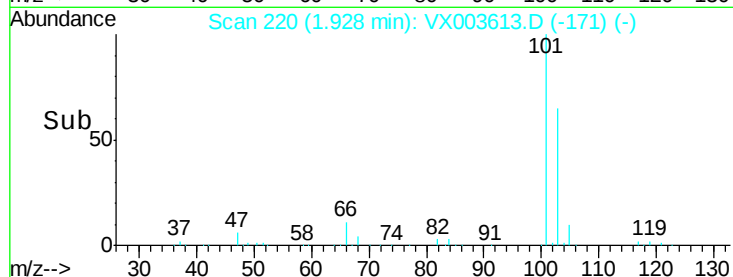
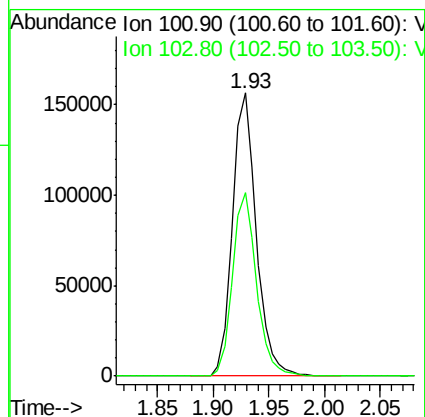
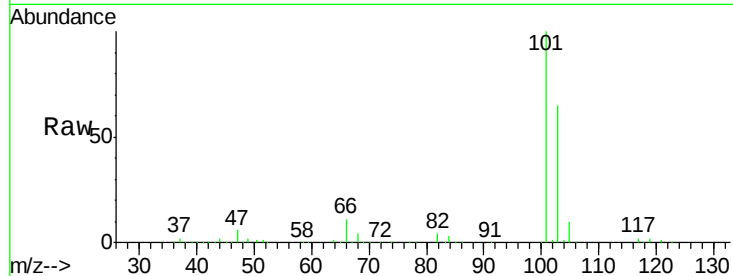
Trichlorofluoromethane
Concen: 51.40 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion:101 Resp: 232648
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

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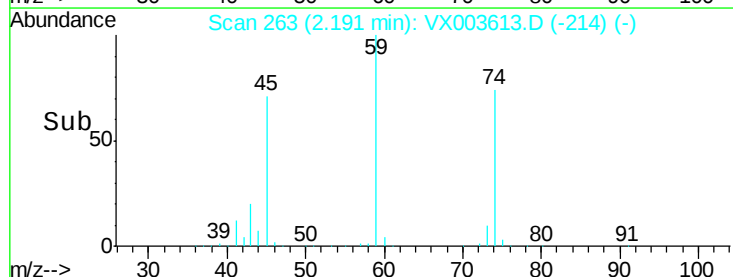
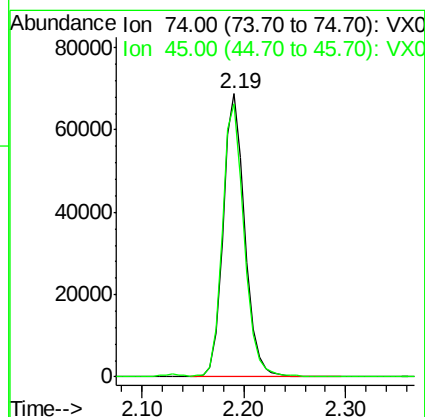
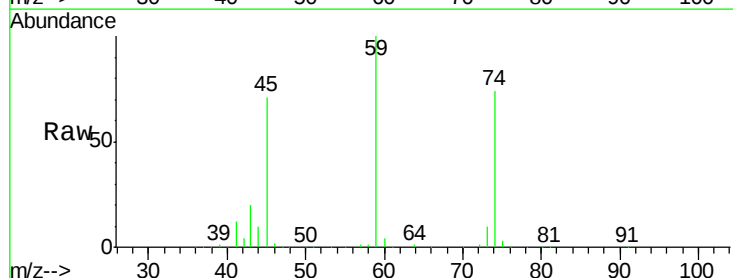
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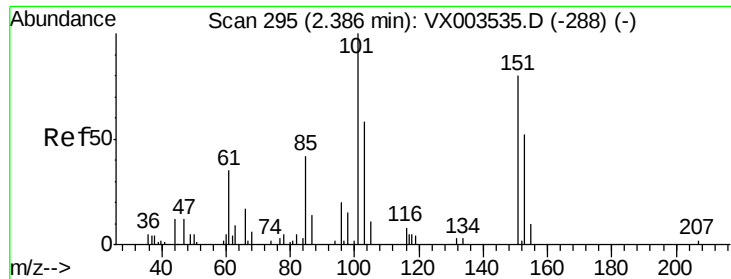


#8

Diethyl Ether
Concen: 52.04 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion: 74 Resp: 101150
Ion Ratio Lower Upper
74 100
45 97.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.29 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

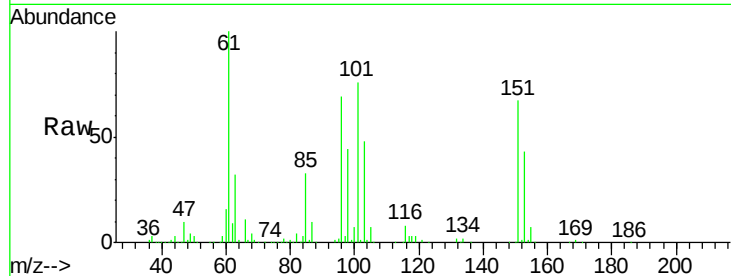
ClientSampleId :

YT-MW-7MS

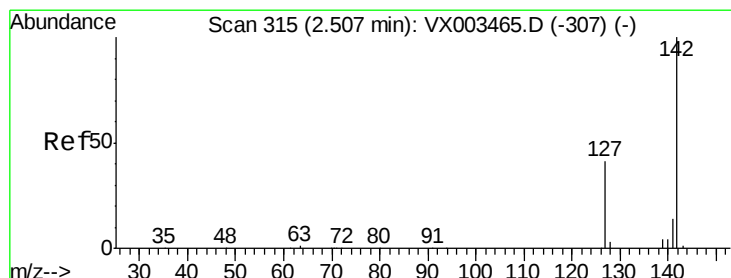
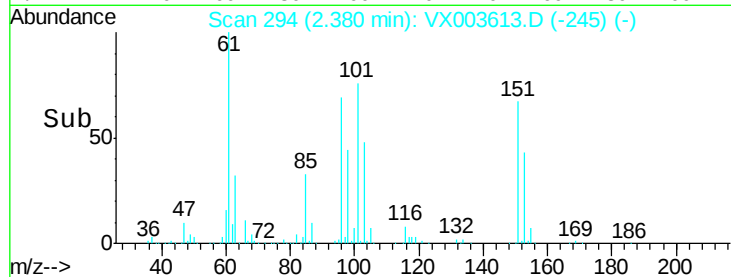
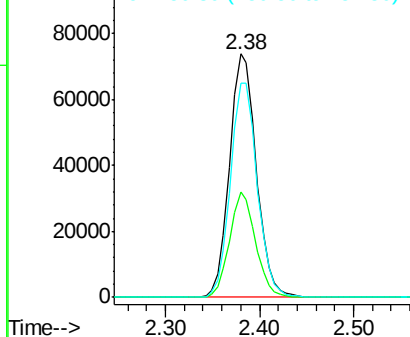
Tot Ion:	101	Resp:	146017
Ion Ratio	Lower	Upper	
101	100		
85	41.9	36.0	54.0
151	88.7	70.9	106.3

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.89 ug/l

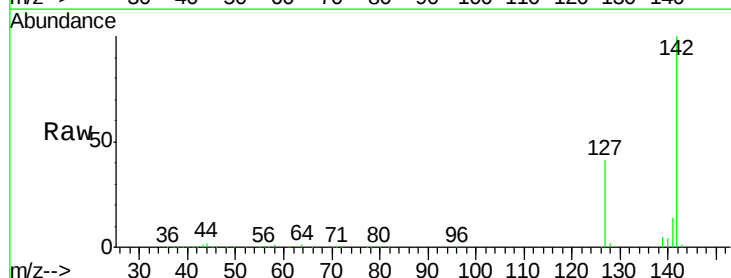
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

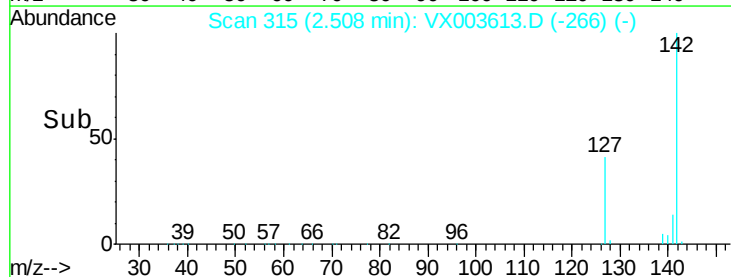
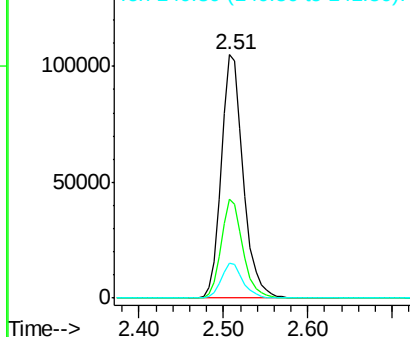
Lab File: VX003613.D

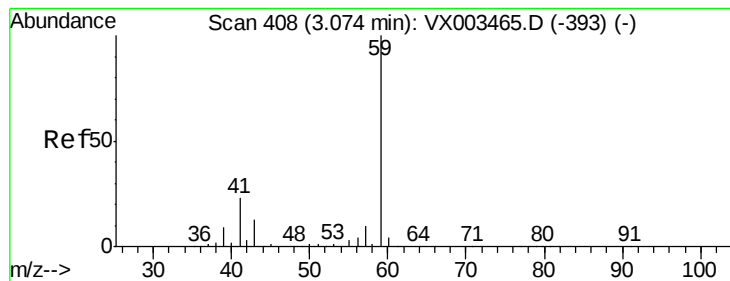
Acq: 23 Jul 2018 19:10

Tgt Ion:	142	Resp:	188210
Ion Ratio	Lower	Upper	
142	100		
127	40.1	36.6	55.0
141	14.0	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

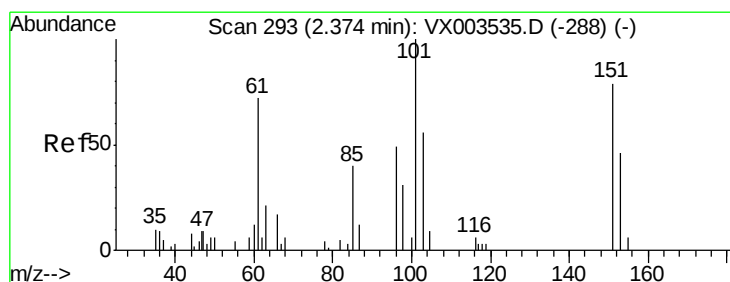
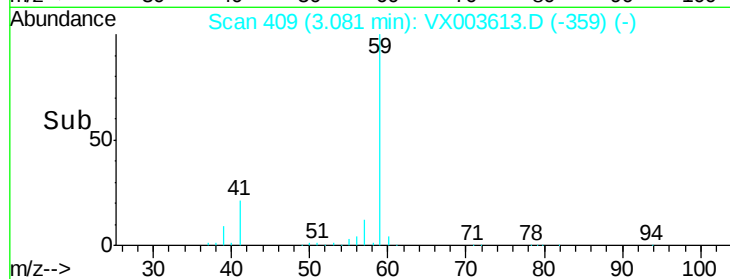
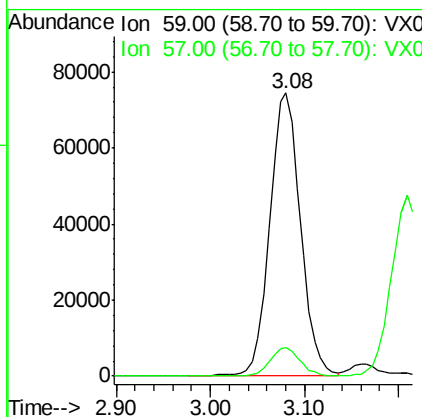
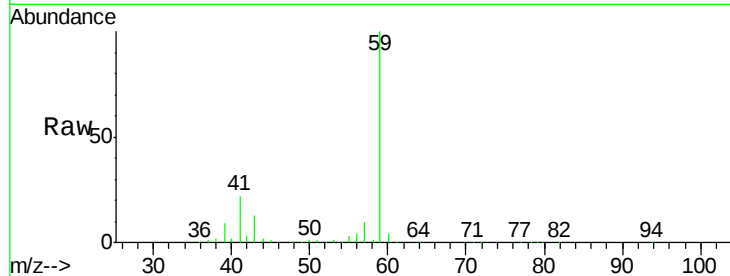
Tert butyl alcohol
Concen: 272.57 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

Manual Integrations
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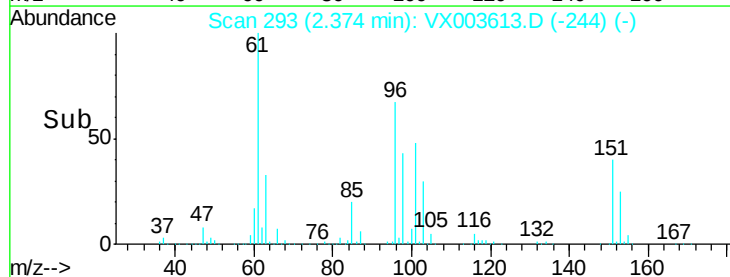
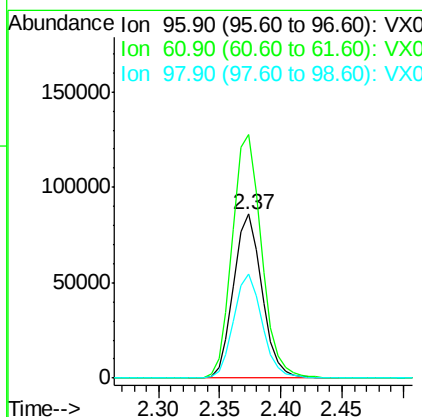
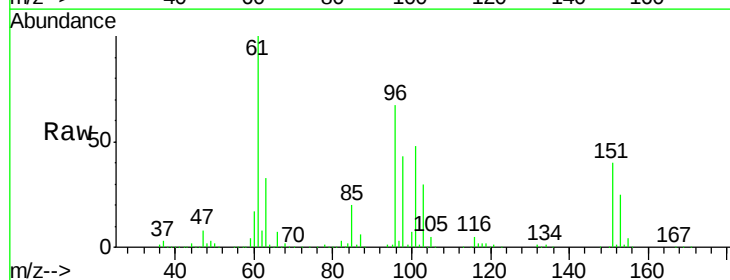
MMDadoda
7/24/2018 12:37:33 PM

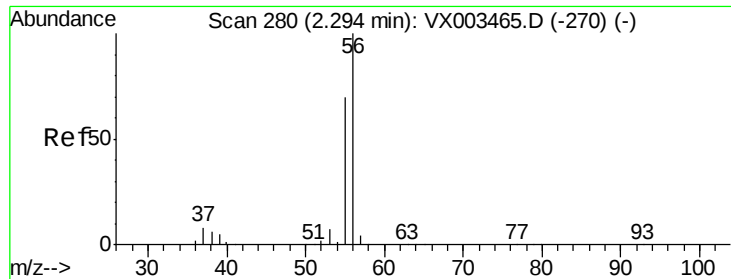


#12

1,1-Dichloroethene
Concen: 51.10 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.5	137.9	206.9
98	63.2	51.6	77.4





#13

Acrolein

Concen: 199.03 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 56 Resp: 56250

Ion Ratio Lower Upper

56 100

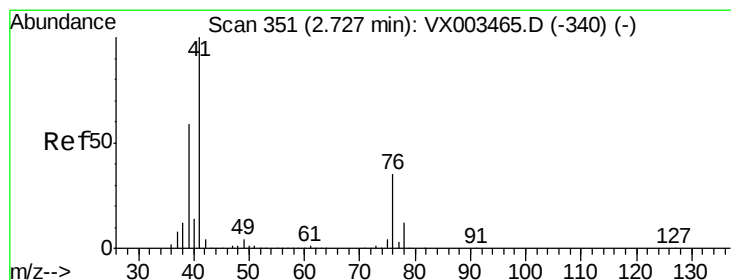
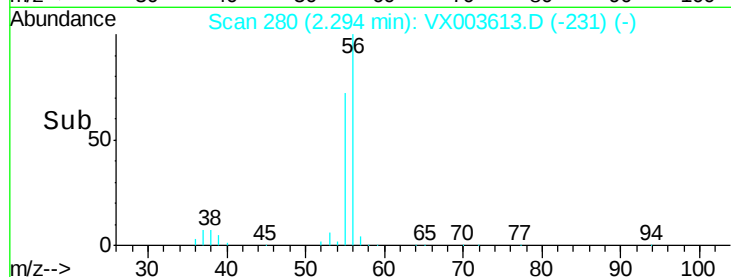
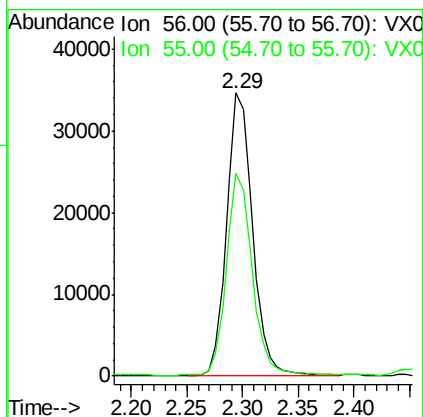
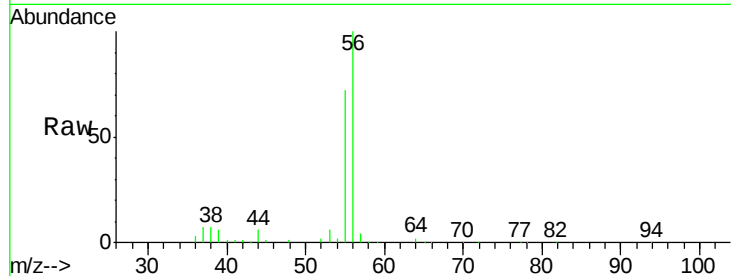
55 70.5 57.0 85.4

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 52.05 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

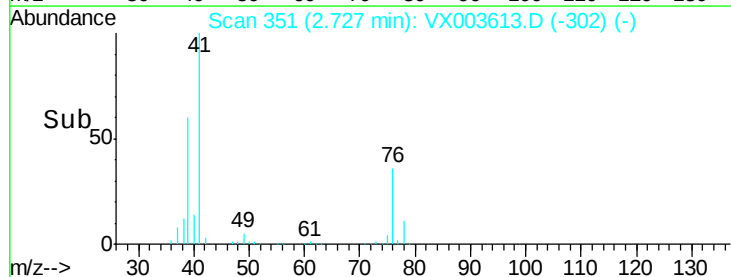
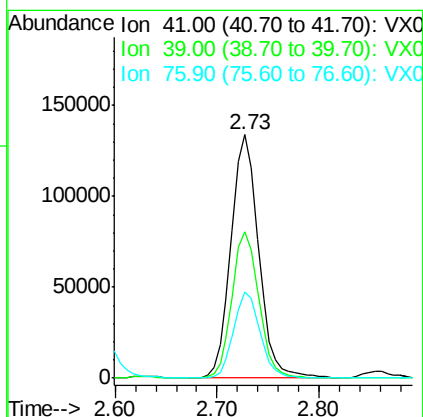
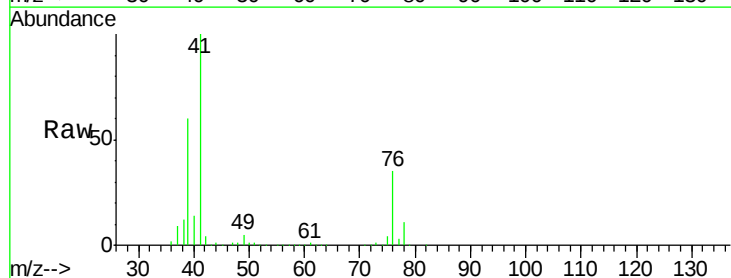
Tgt Ion: 41 Resp: 251300

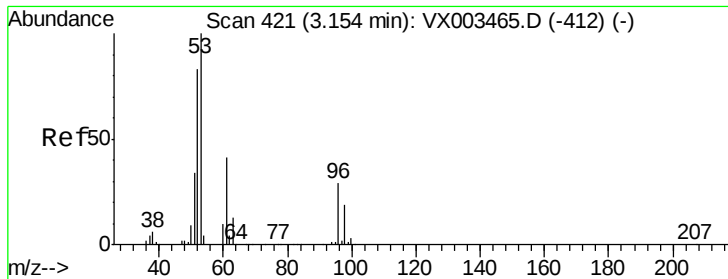
Ion Ratio Lower Upper

41 100

39 58.3 56.8 85.2

76 33.7 23.8 35.8





#15

Acrylonitrile

Concen: 278.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

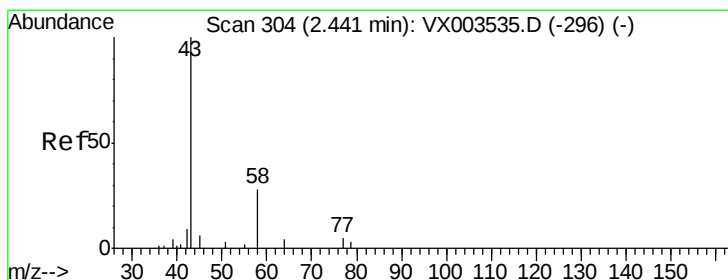
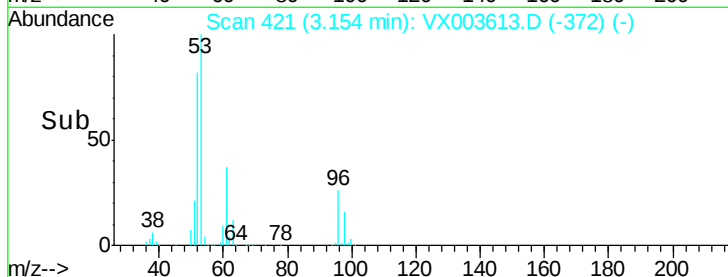
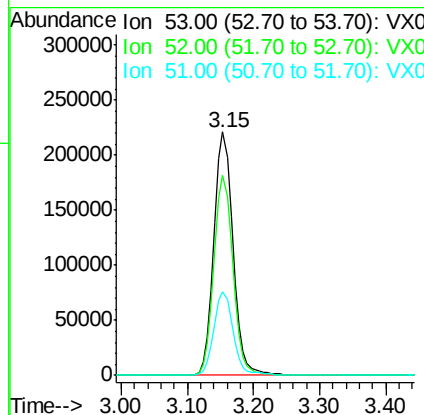
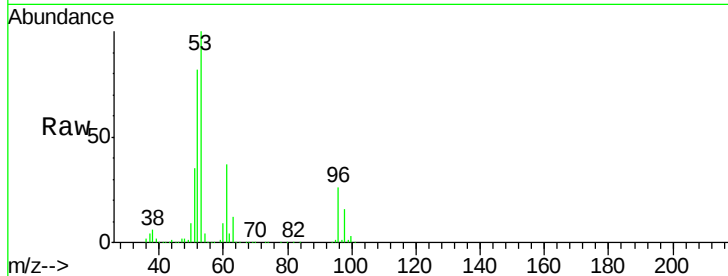
ClientSampleId :

YT-MW-7MS

Tot Ion:	53	Resp:	443787
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.7	100.1
51	35.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 287.70 ug/l

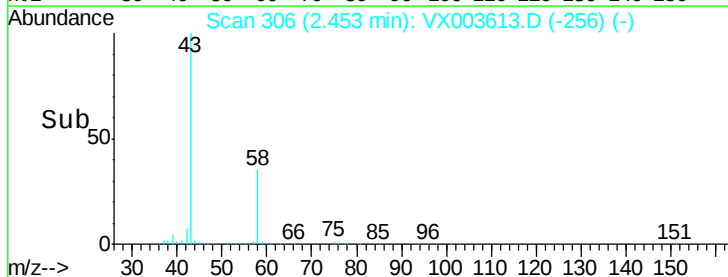
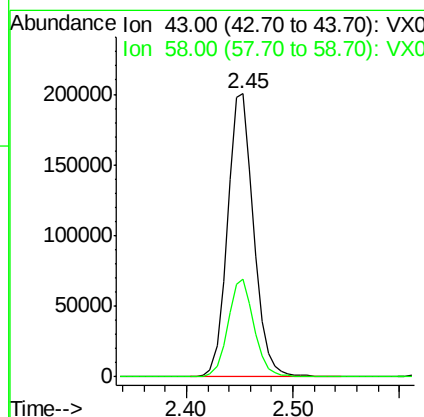
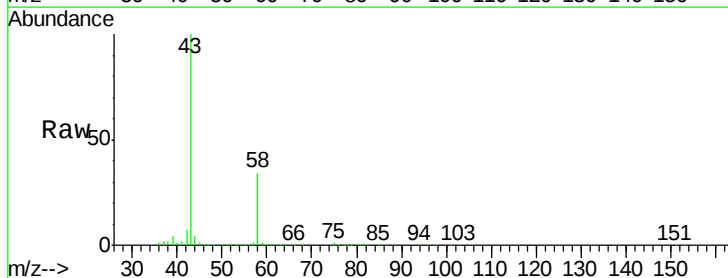
RT: 2.45 min Scan# 306

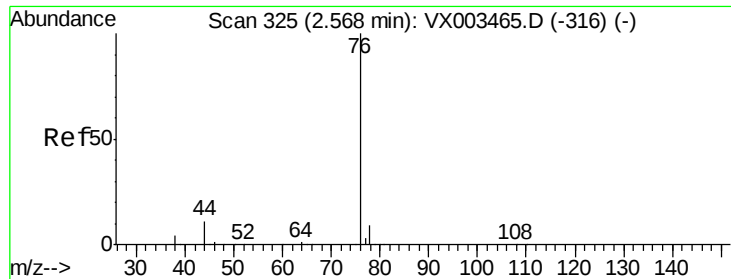
Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion:	43	Resp:	343519
Ion Ratio	Lower	Upper	
43	100		
58	34.5	22.1	33.1#





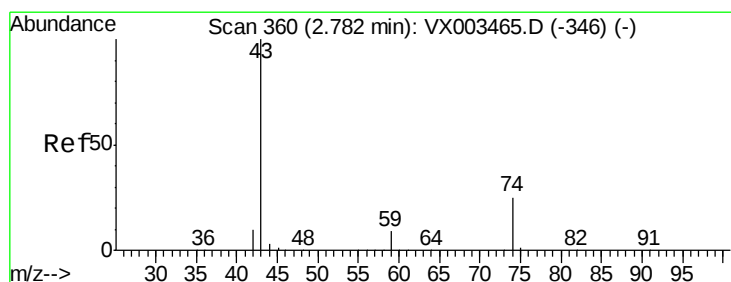
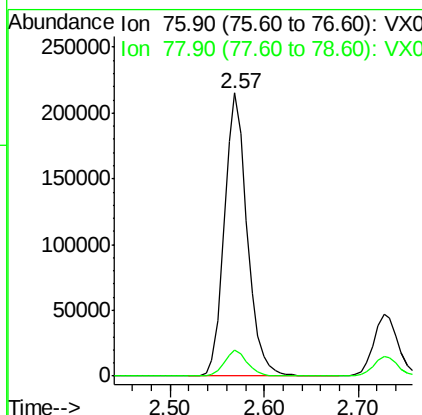
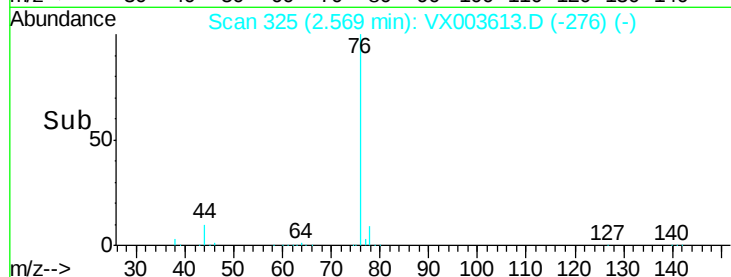
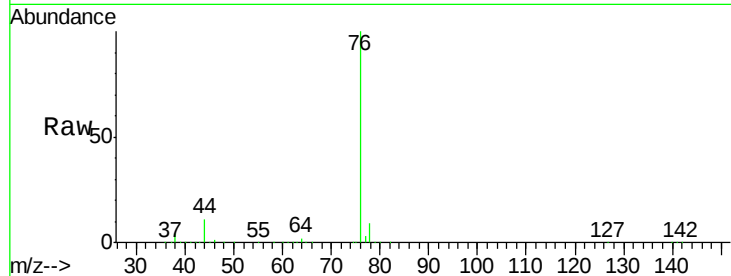
#17
Carbon Disulfide
Concen: 48.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
76	100	360759		
78	9.1		6.9	10.3

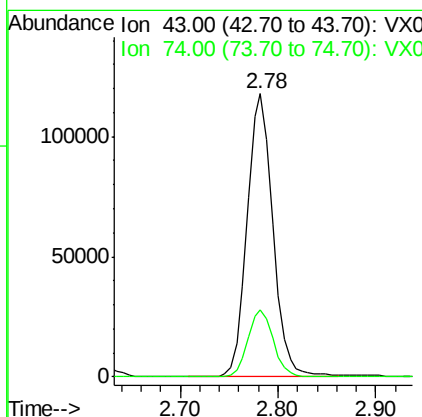
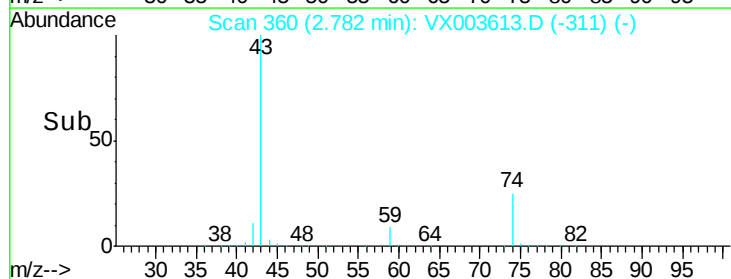
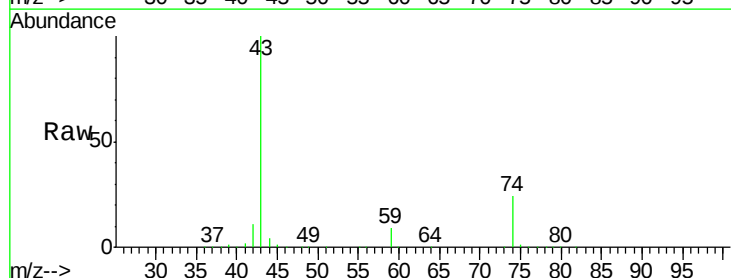
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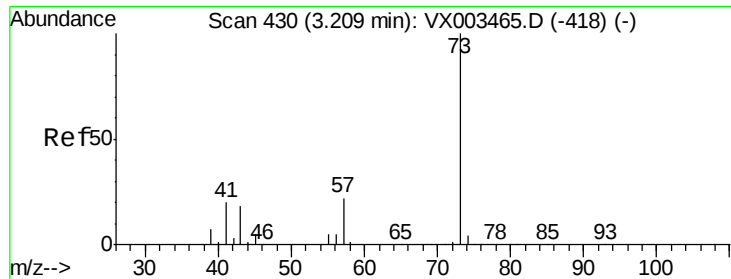
MMDadoda
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#18
Methyl Acetate
Concen: 57.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	214584		
74	23.2		16.7	25.1





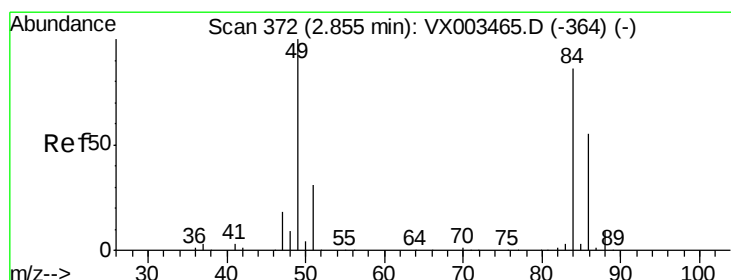
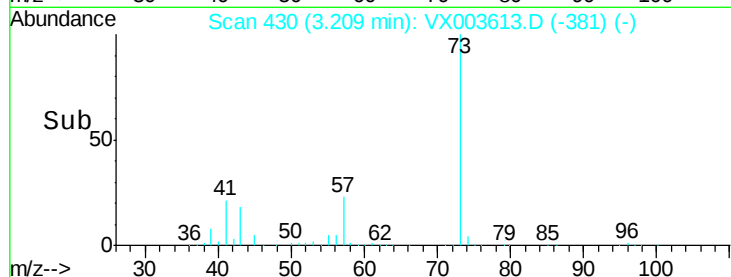
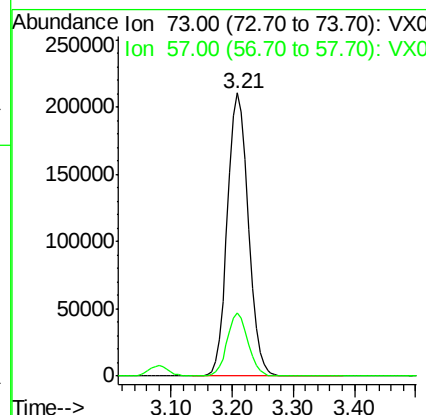
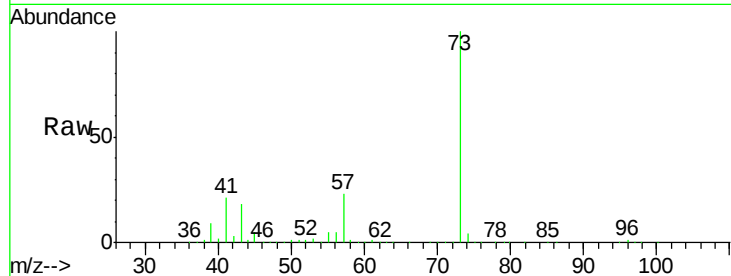
#19
Methvl tert-butvl Ether
Concen: 55.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion: 73 Resp: 497574
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

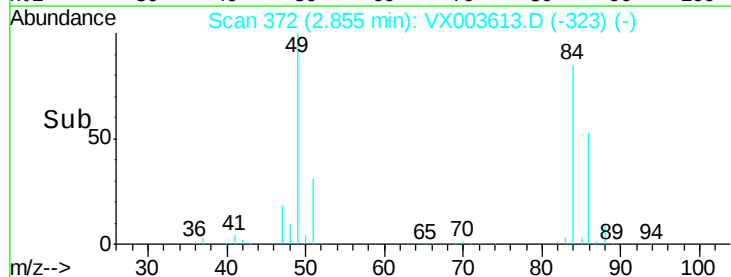
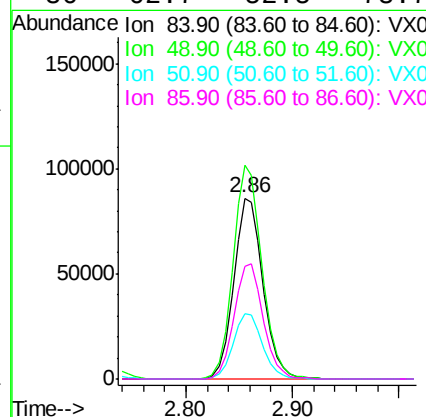
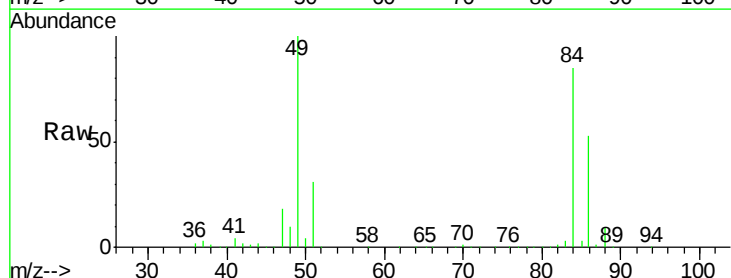
Manual Integrations
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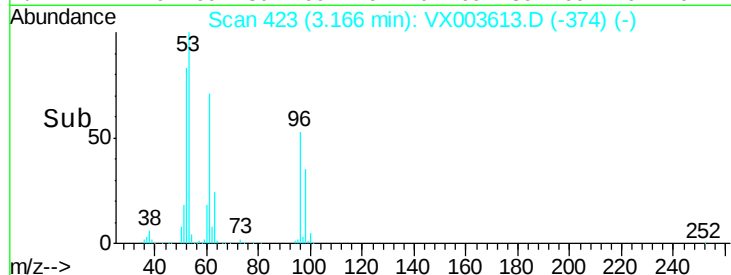
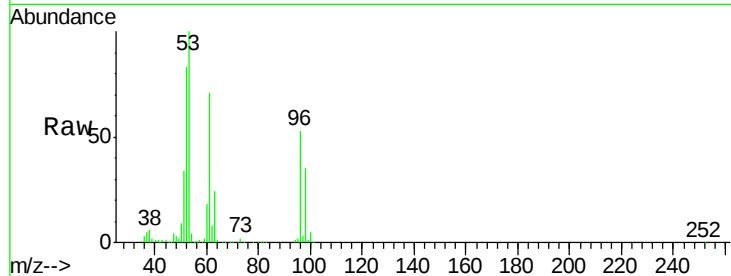
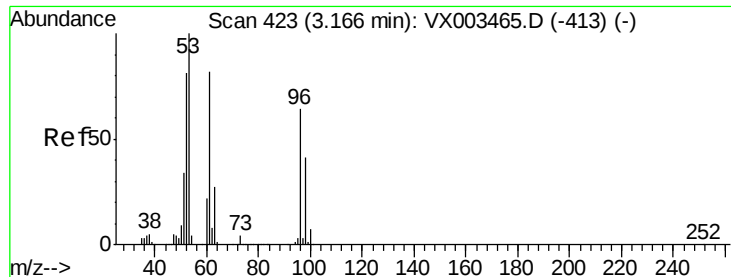
MMDadoda
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#20
Methylene Chloride
Concen: 56.75 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion: 84 Resp: 165331
Ion Ratio Lower Upper
84 100
49 118.2 107.8 161.6
51 36.1 32.8 49.2
86 62.7 52.5 78.7





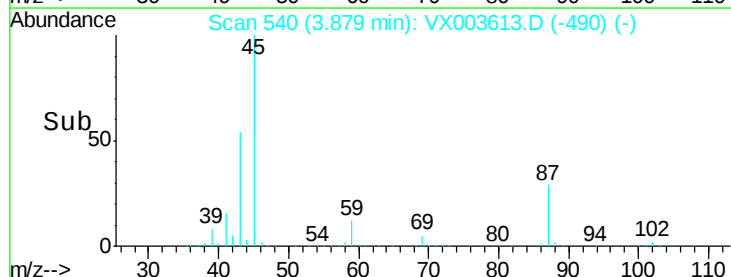
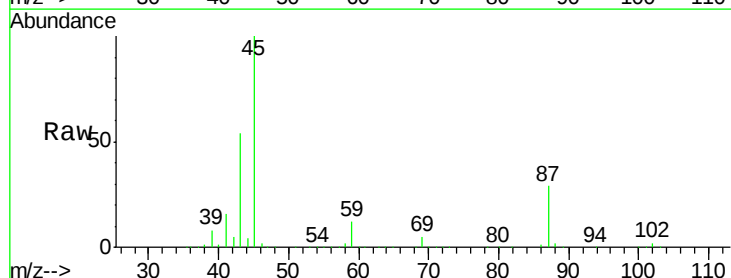
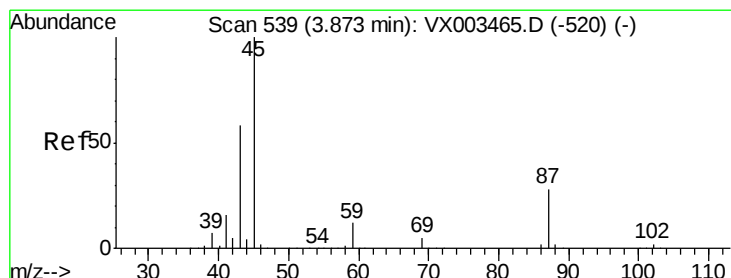
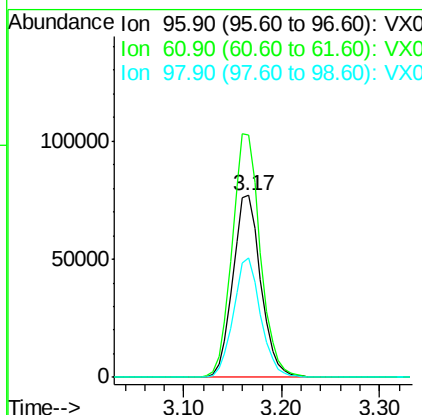
#21
trans-1,2-Dichloroethene
Concen: 50.50 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	117.0	175.4
98	65.8	52.4	78.6

Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MS

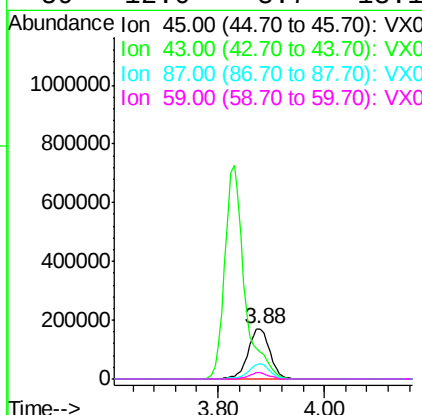
Manual Integrations
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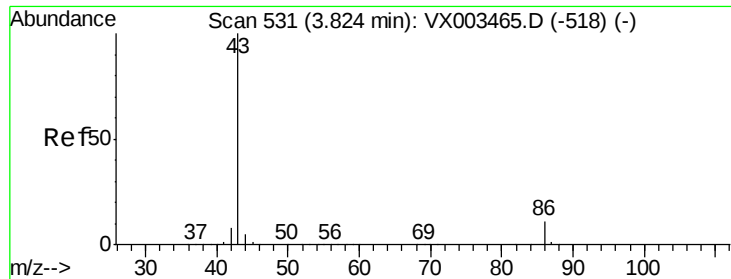
MMDadoda
7/24/2018 12:37:33 PM



#22
Diisopropyl ether
Concen: 53.08 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.0	46.8	70.2
87	29.4	20.2	30.4
59	12.0	8.7	13.1





#23

Vinyl Acetate

Concen: 252.35 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 43 Resp: 1888525

Ion Ratio Lower Upper

43 100

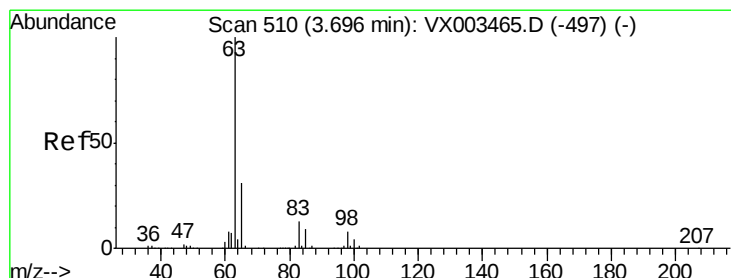
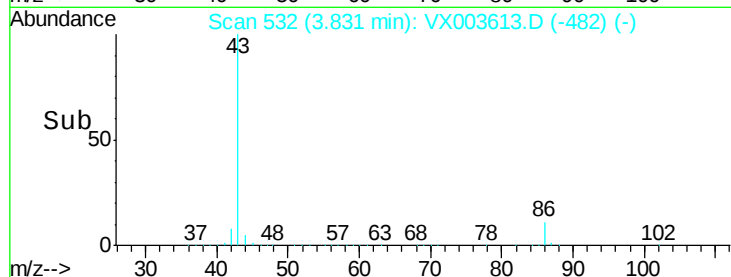
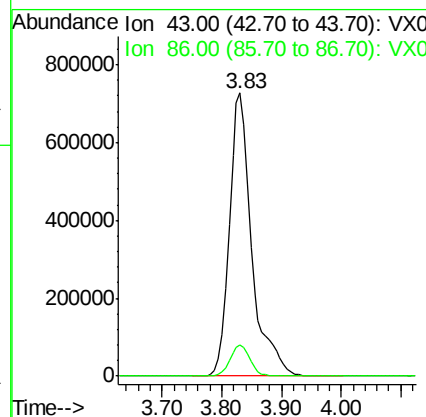
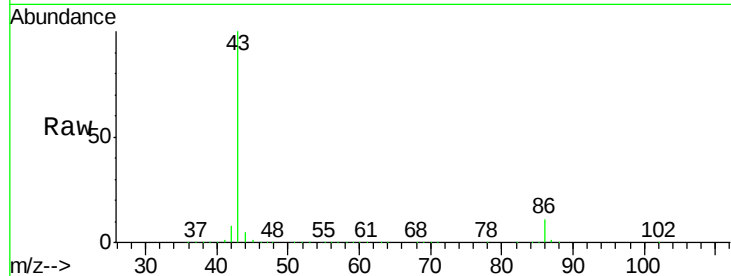
86 11.0 7.4 11.0

Manual Integrations

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MMDadoda

7/24/2018 12:37:33 PM



#24

1,1-Dichloroethane

Concen: 53.84 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

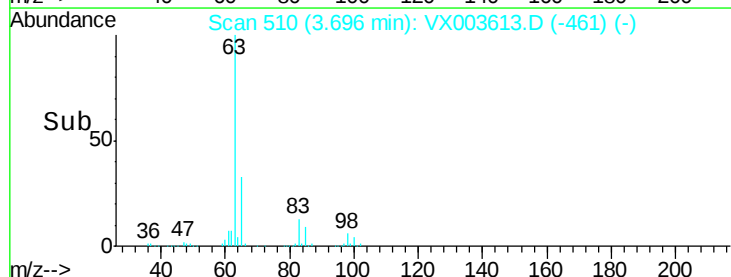
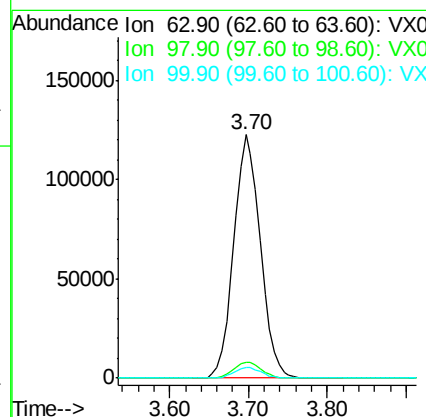
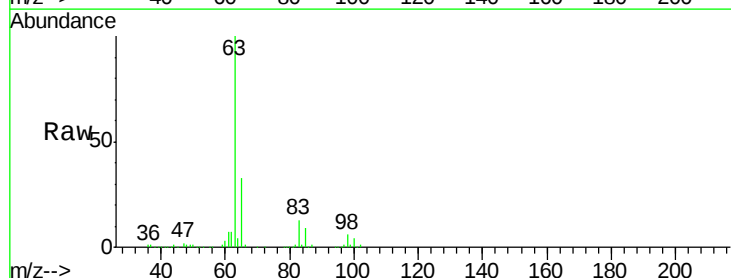
Tgt Ion: 63 Resp: 286991

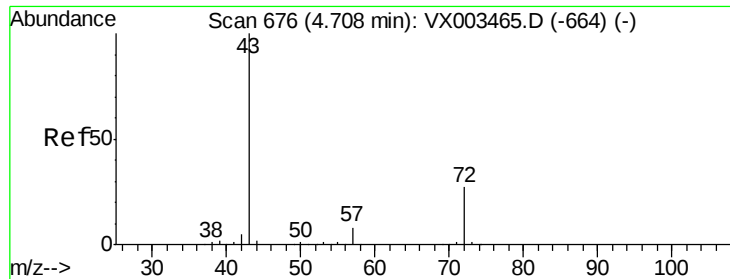
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 263.69 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 43 Resp: 528263

Ion Ratio Lower Upper

43 100

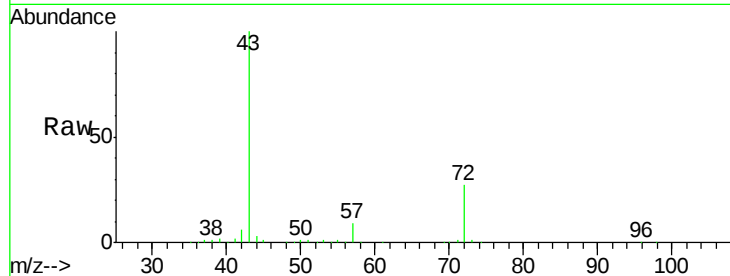
72 27.3 18.5 27.7

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

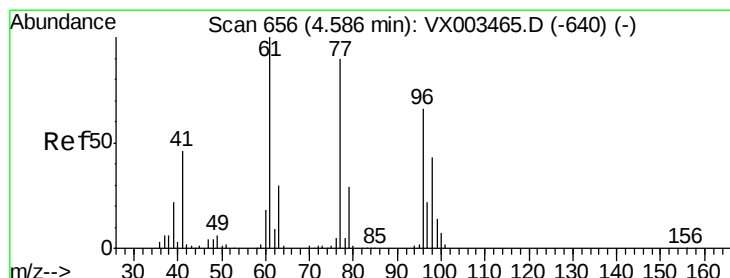
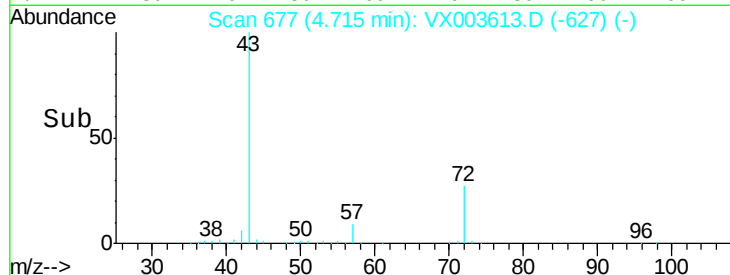
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 35.32 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003613.D

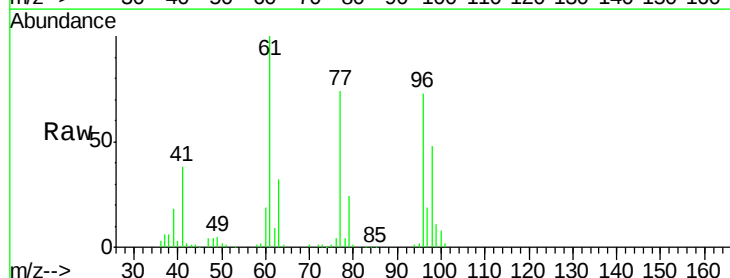
Acq: 23 Jul 2018 19:10

Tgt Ion: 77 Resp: 143013

Ion Ratio Lower Upper

77 100

97 26.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

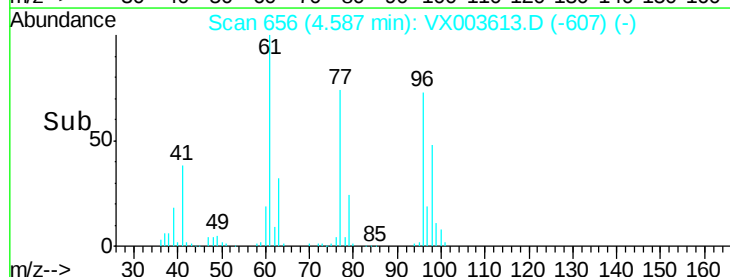
20000

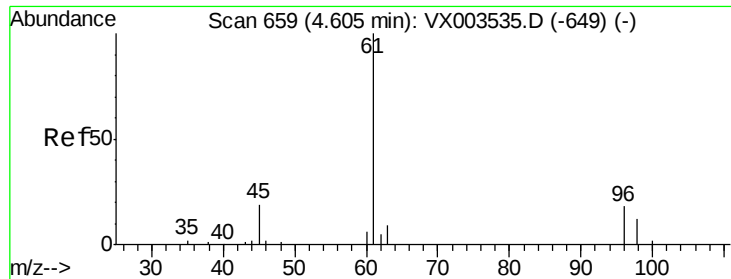
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

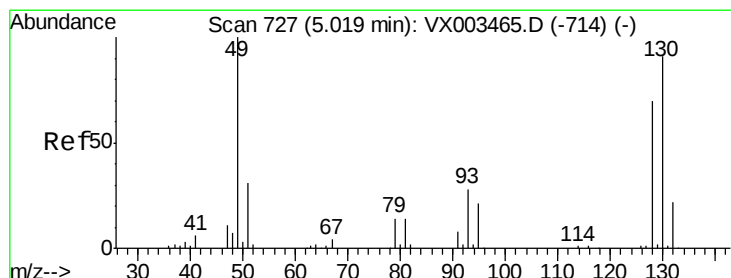
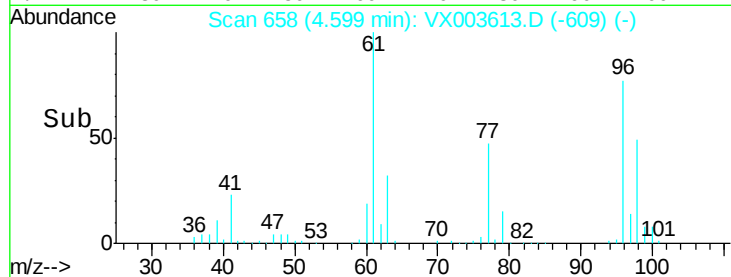
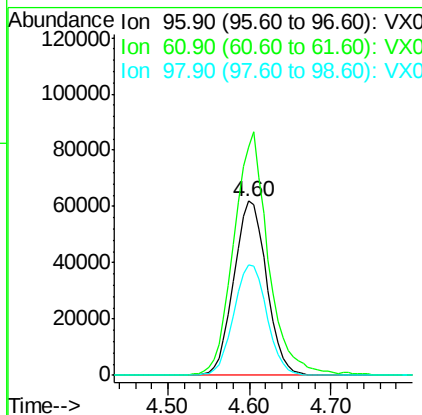
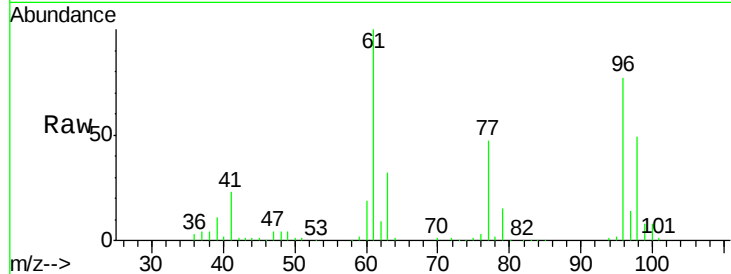
cis-1,2-Dichloroethene
 Concen: 51.02 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	172403		
61	147.8	0.0	330.2	
98	64.5	0.0	130.2	

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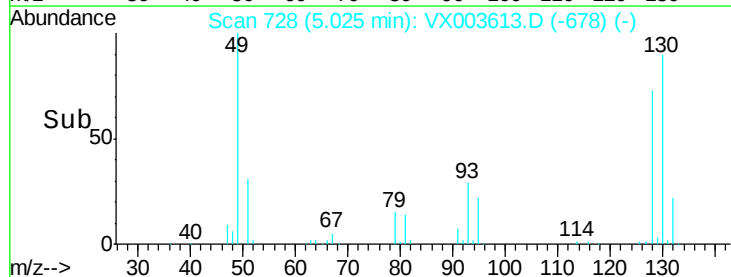
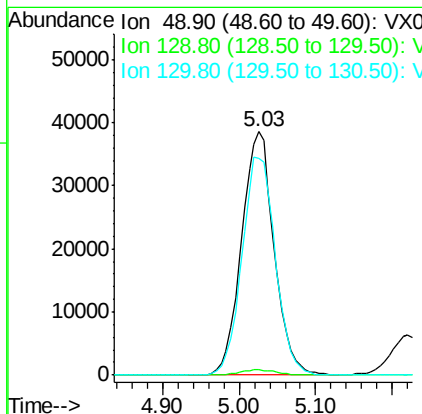
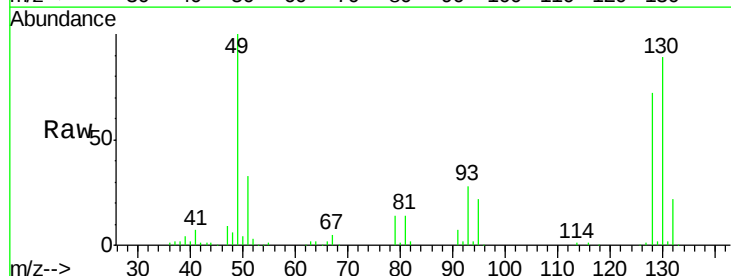
MMDadoda
 7/24/2018 12:37:33 PM



#28

Bromochloromethane
 Concen: 48.88 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113882		
129	2.2	0.0	4.2	
130	92.0	61.2	91.8#	





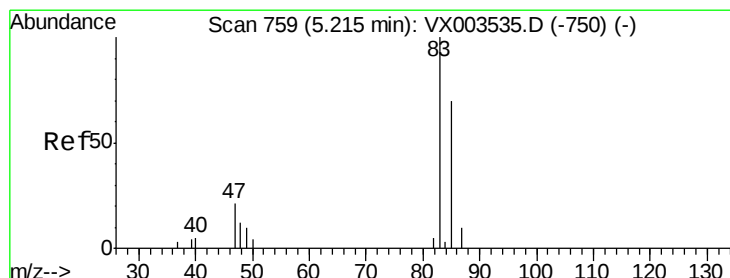
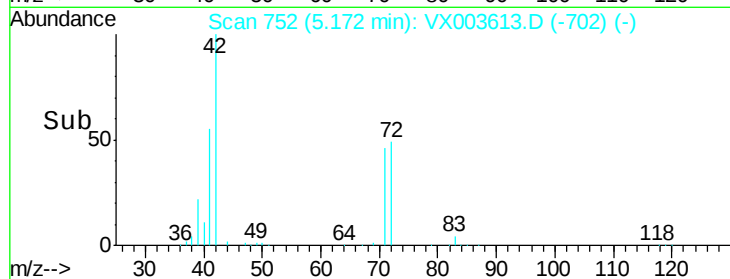
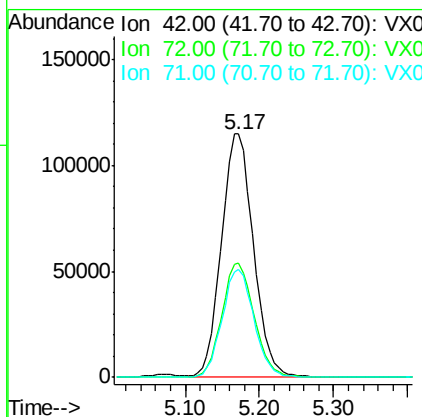
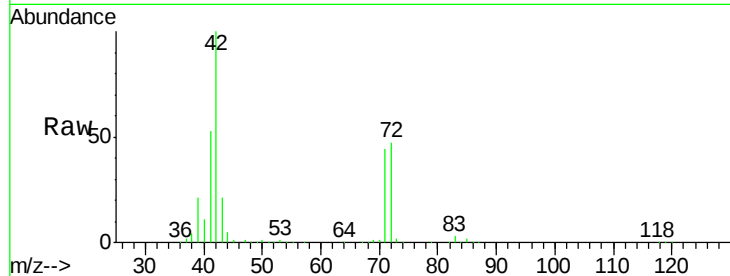
#29
Tetrahydrofuran
Concen: 259.40 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	32.0	48.0
71	44.1	30.1	45.1

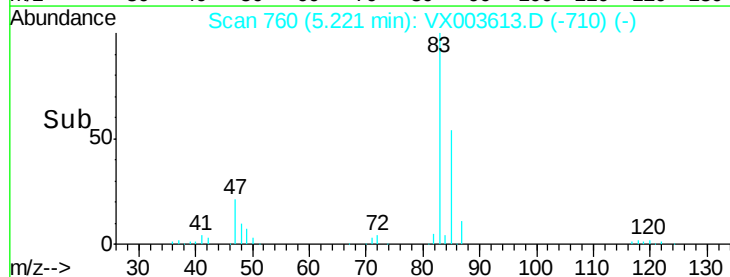
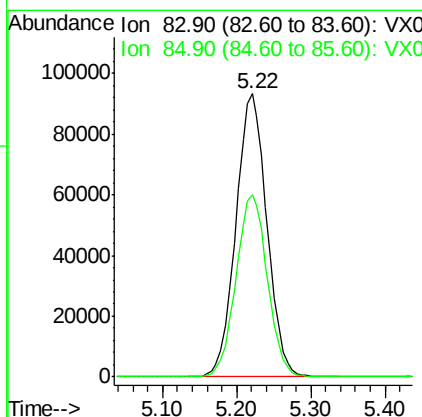
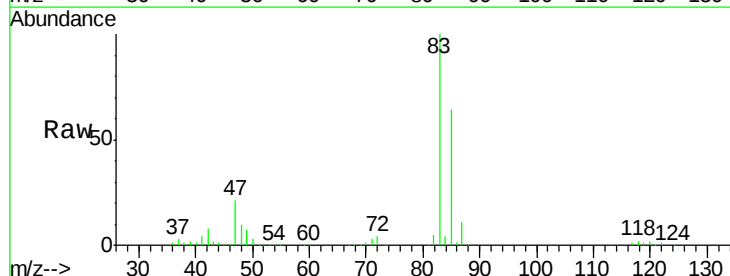
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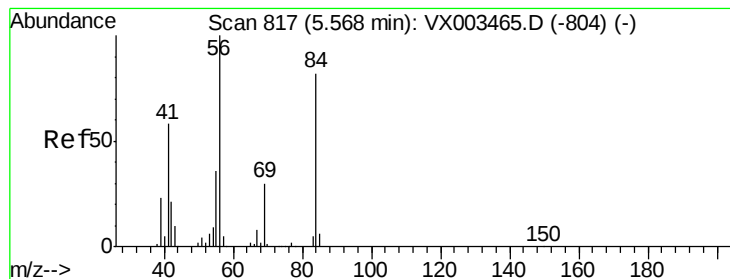
MMDadoda
7/24/2018 12:37:33 PM



#30
Chloroform
Concen: 52.24 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6





#31

Cyclohexane

Concen: 47.48 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

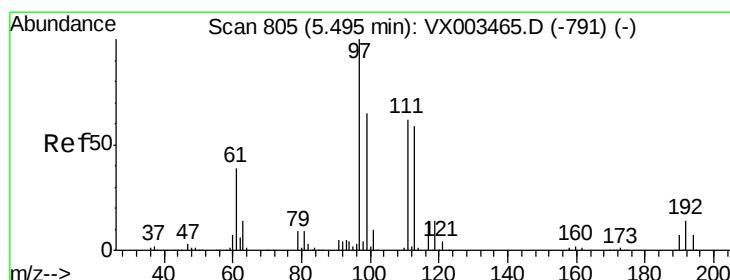
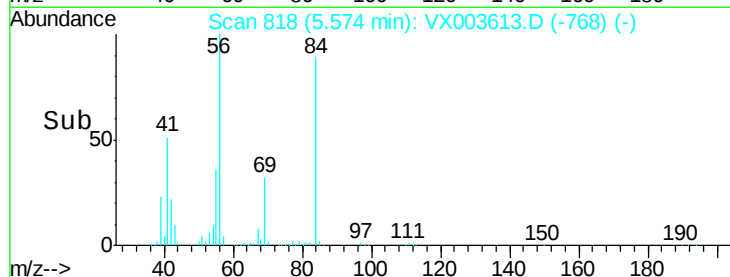
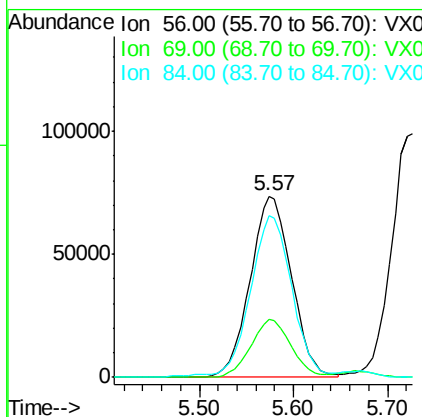
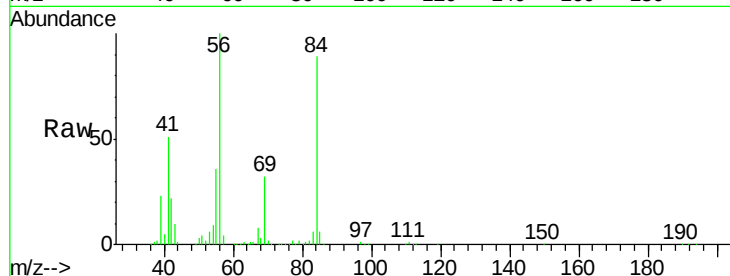
ClientSampled :

YT-MW-7MS

Tot Ion:	56	Resp:	226133
Ion Ratio	Lower	Upper	
56	100		
69	32.2	23.7	35.5
84	88.1	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 52.40 ug/l

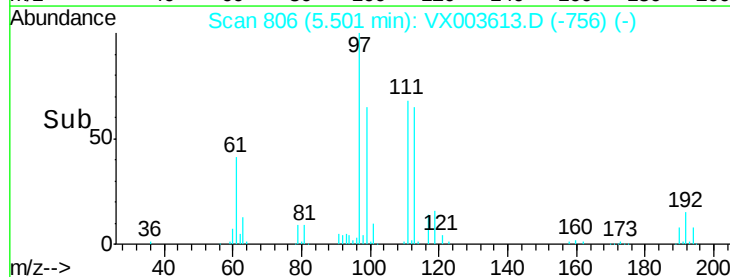
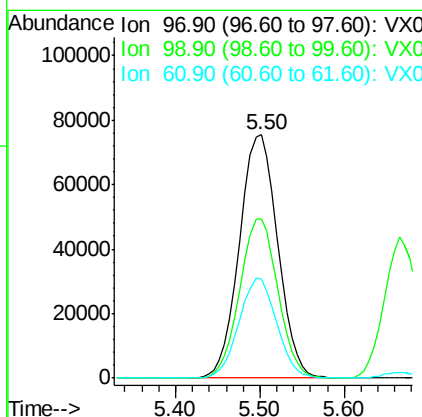
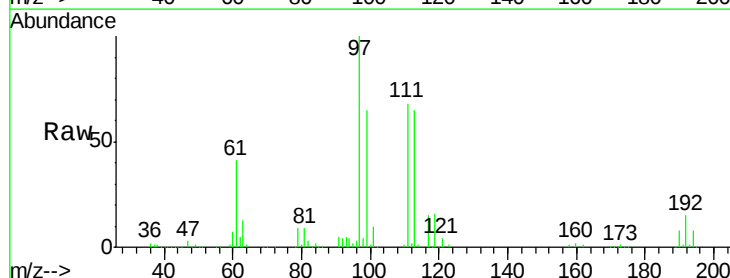
RT: 5.50 min Scan# 806

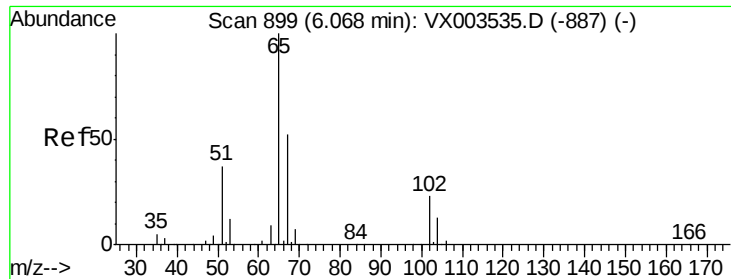
Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion:	97	Resp:	233553
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.6	77.4
61	40.4	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 50.39 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tot Ion: 65 Resp: 159298

Ion Ratio Lower Upper

65 100

67 54.8 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

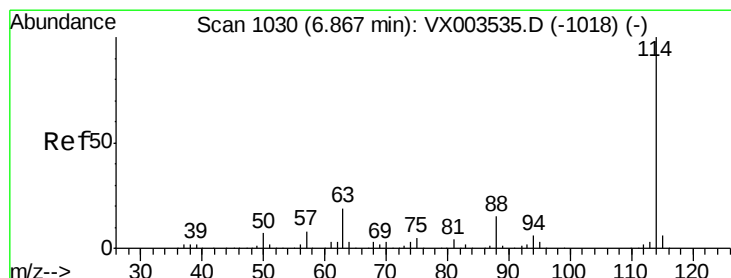
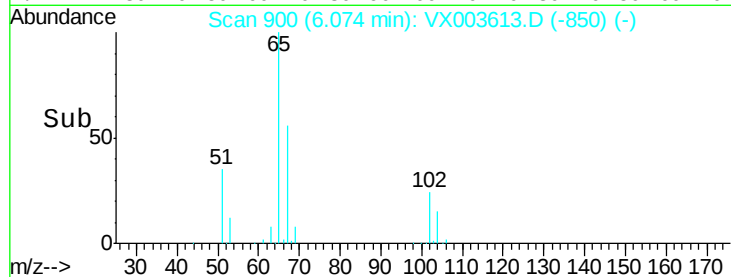
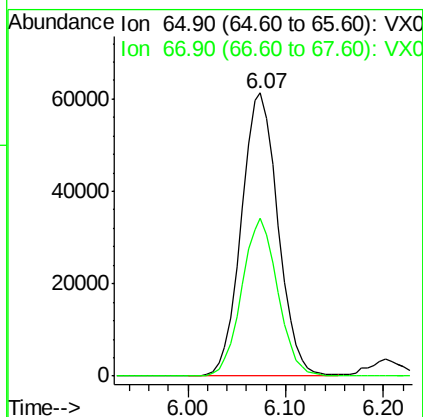
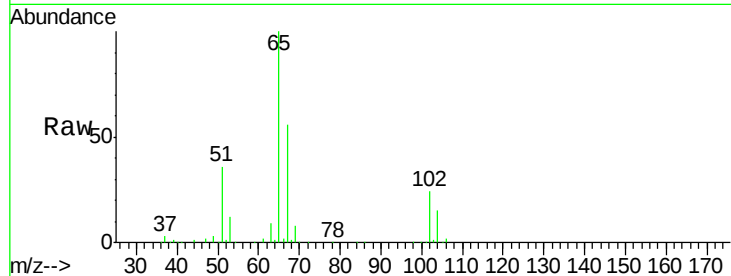
YT-MW-7MS

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

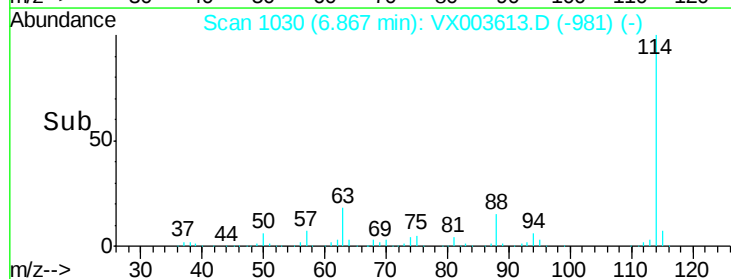
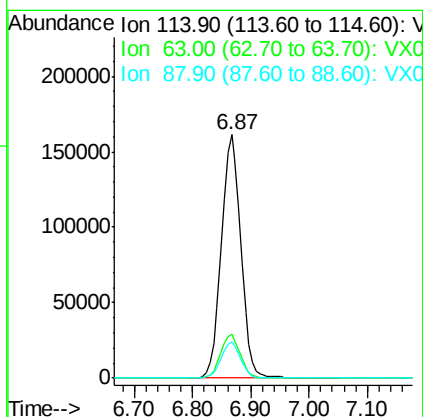
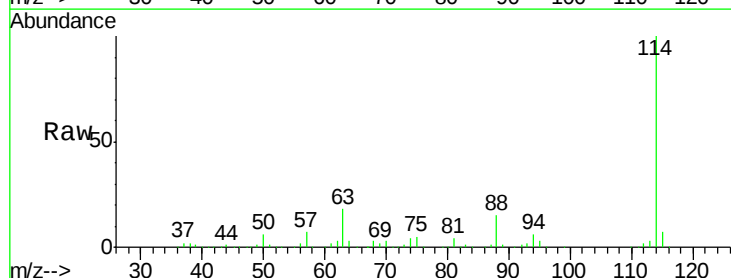
Tgt Ion: 114 Resp: 375011

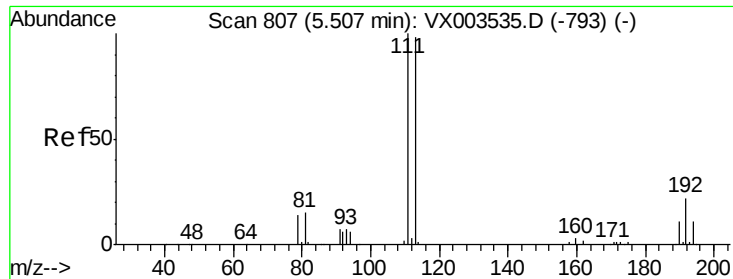
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.4

88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

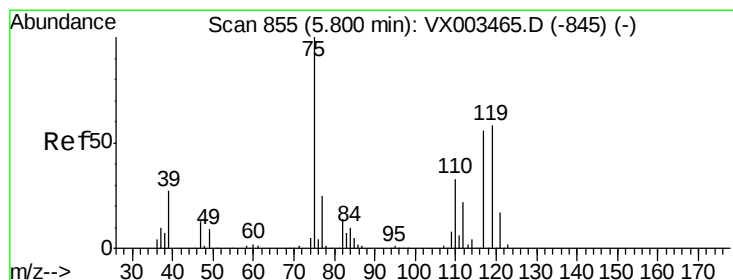
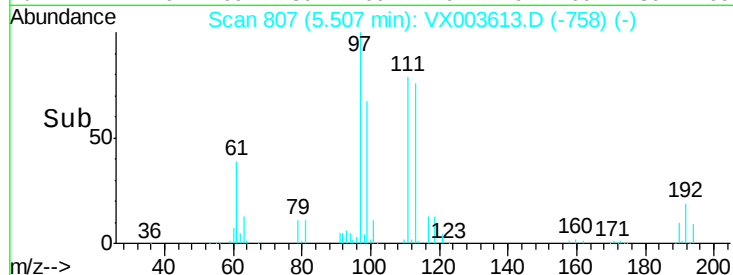
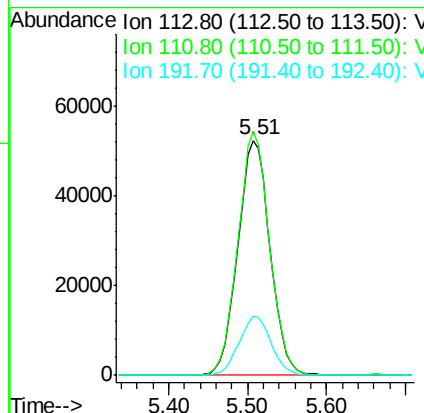
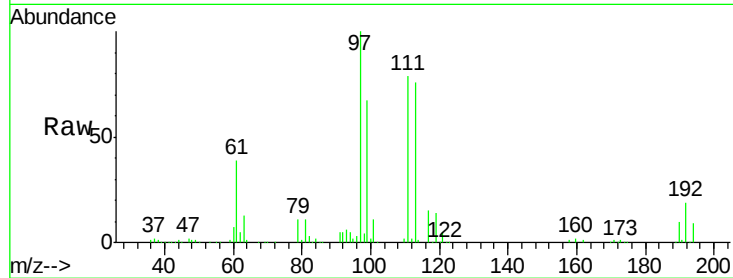
ClientSampleId :

YT-MW-7MS

Tot Ion:	113	Resp:	148858
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.4	122.0
192	25.2	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 48.52 ug/l

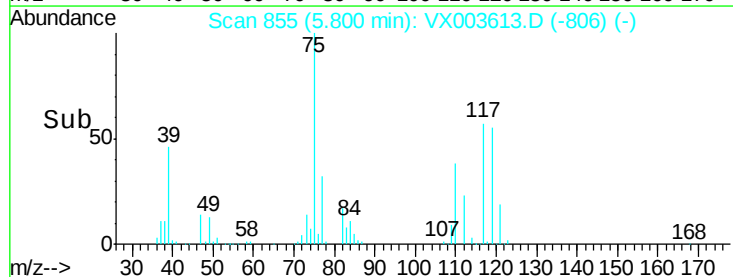
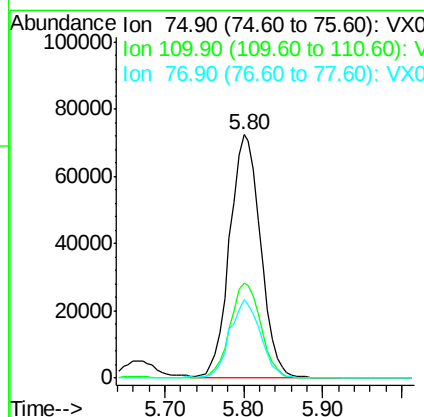
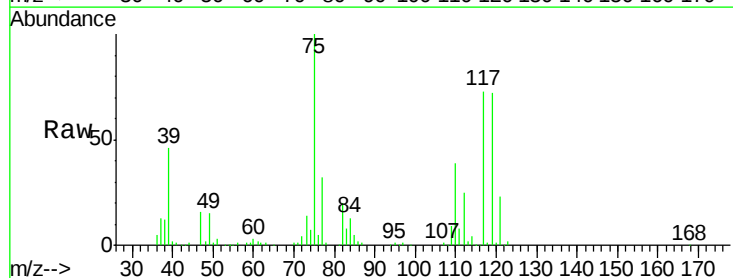
RT: 5.80 min Scan# 855

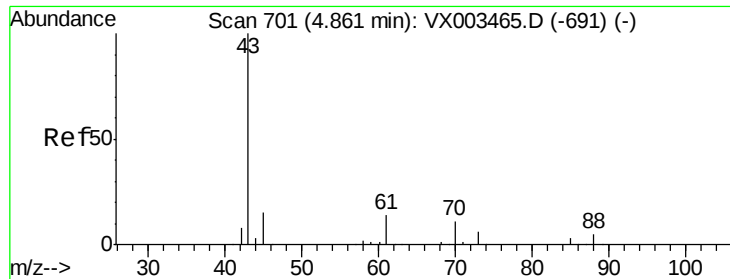
Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion:	75	Resp:	196456
Ion Ratio	Lower	Upper	
75	100		
110	39.1	18.1	54.4
77	31.9	24.3	36.5





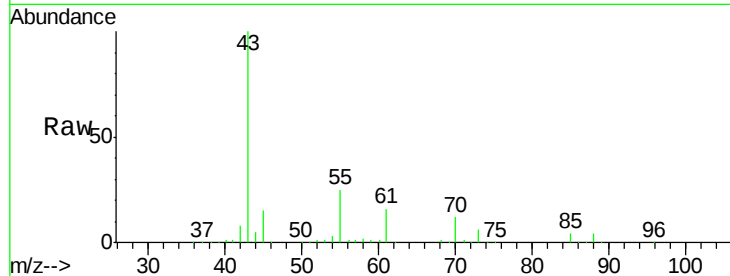
#37
Ethyl Acetate
Concen: 49.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleID :
YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.4	15.6
70	11.3	7.6	11.4

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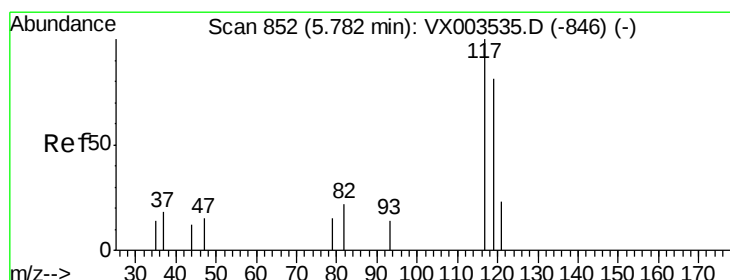
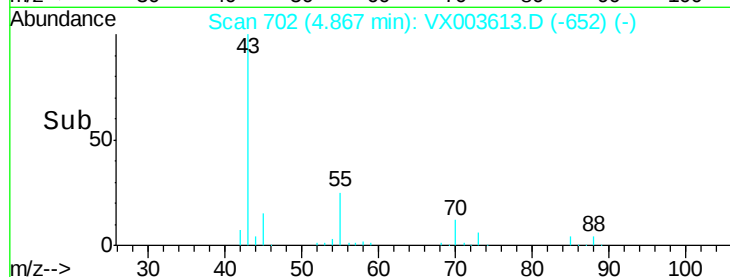
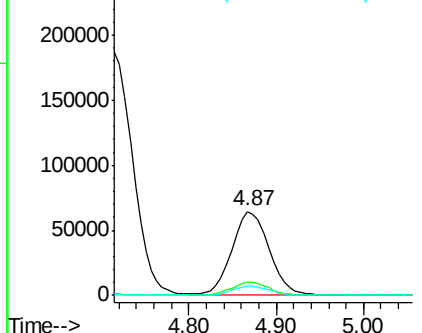


Abundance

Ion 43.00 (42.70 to 43.70): VX003613.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VX003613.D (-652) (-)

Ion 70.00 (69.70 to 70.70): VX003613.D (-652) (-)



#38
Carbon Tetrachloride
Concen: 53.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

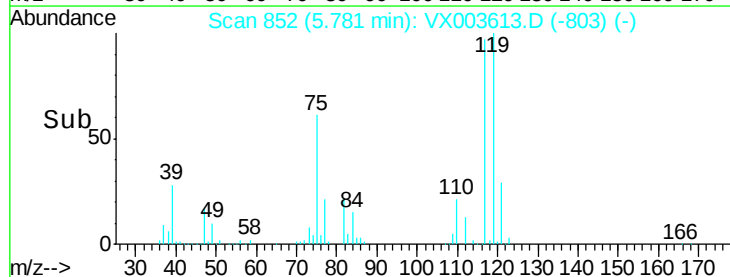
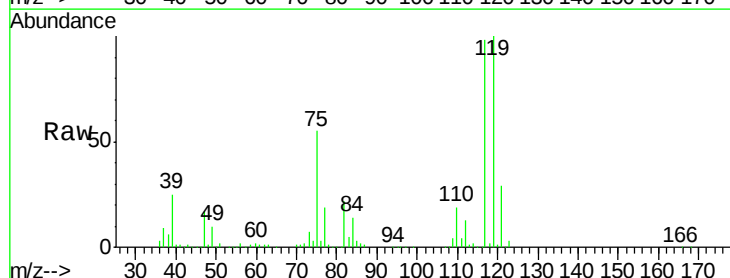
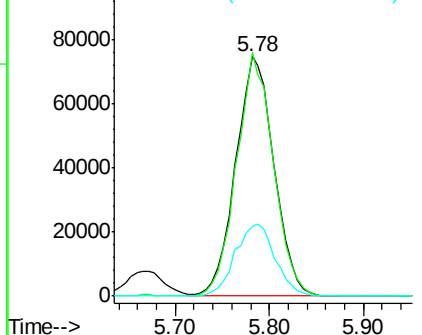
Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.4	116.0
121	29.3	24.4	36.6

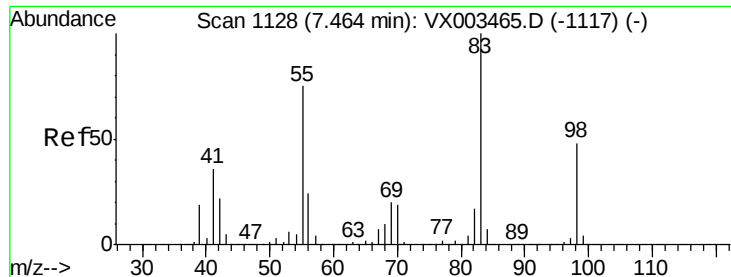
Abundance

Ion 116.80 (116.50 to 117.50): VX003613.D (-803) (-)

Ion 118.80 (118.50 to 119.50): VX003613.D (-803) (-)

Ion 120.80 (120.50 to 121.50): VX003613.D (-803) (-)





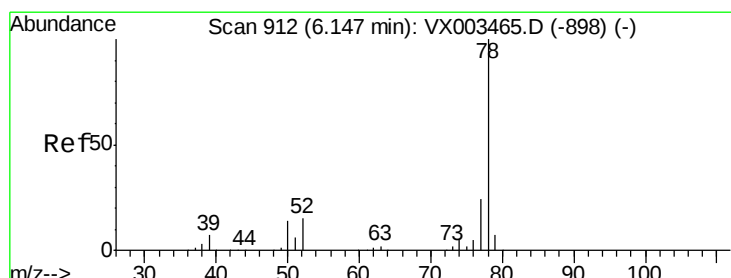
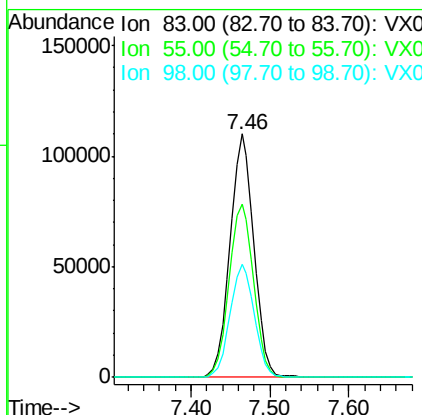
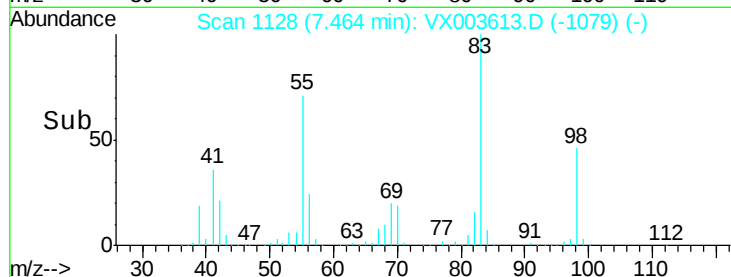
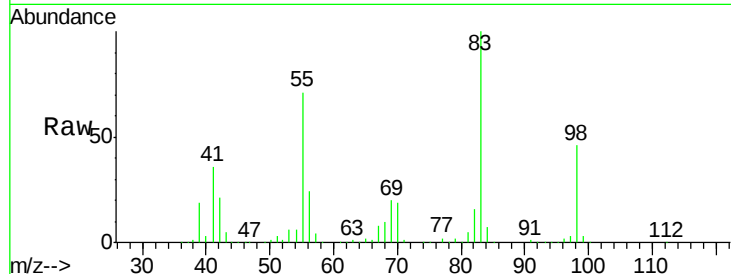
#39
Methvlcvclohexane
Concen: 48.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	230888		
55	70.9		65.4	98.0
98	46.3		37.4	56.0

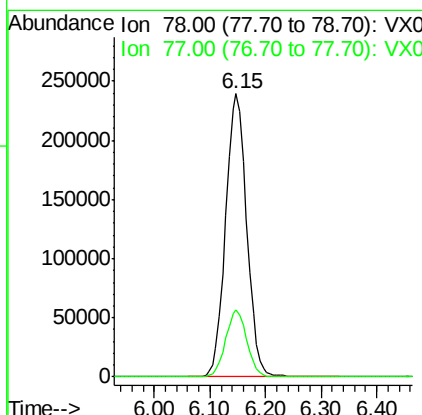
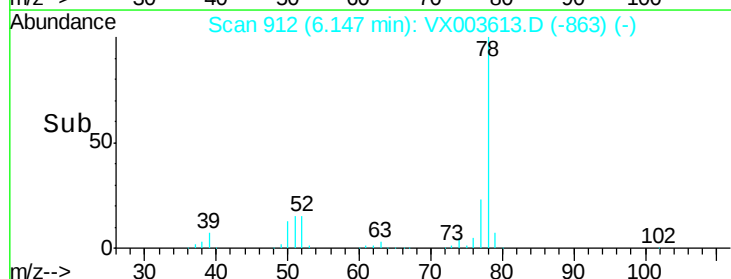
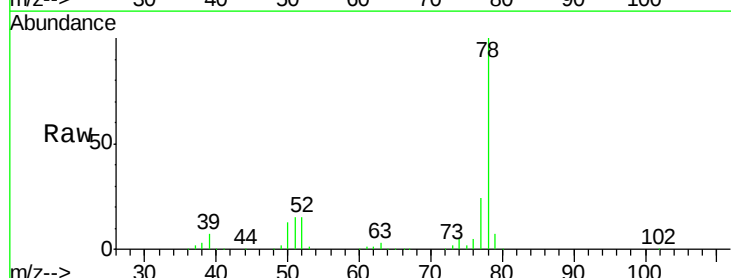
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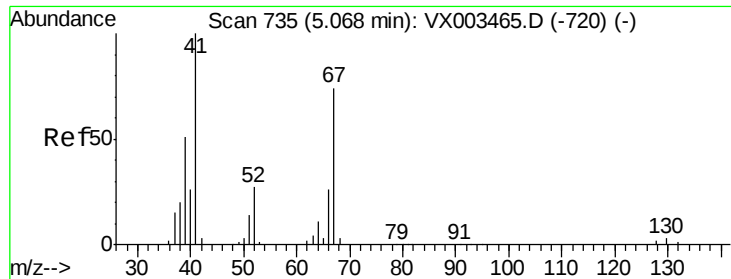
MMDadoda
7/24/2018 12:37:33 PM



#40
Benzene
Concen: 51.47 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	629138		
77	23.8		19.1	28.7





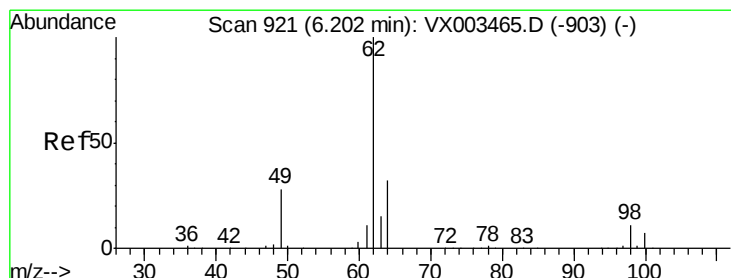
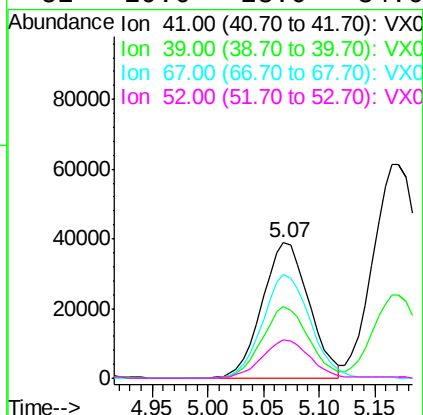
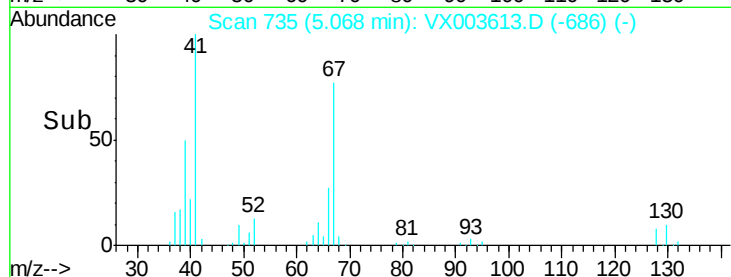
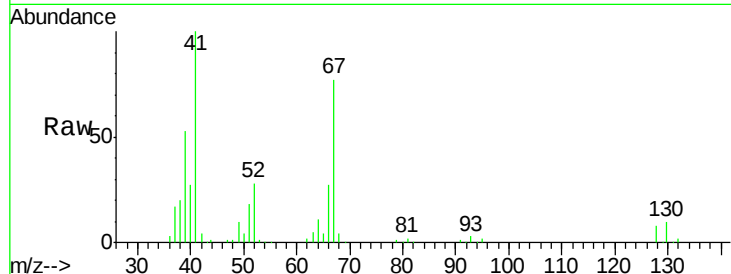
#41
Methacrylonitrile
Concen: 50.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	45.8	68.6
67	77.6	51.3	76.9
52	29.6	23.0	34.6

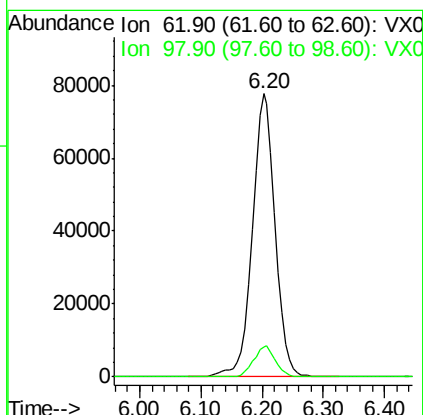
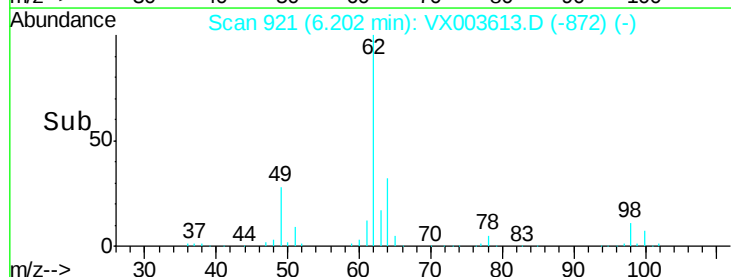
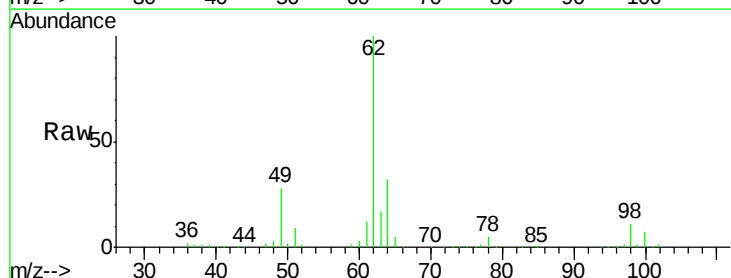
Manual Integrations
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7/24/2018 12:37:33 PM



#42
1,2-Dichloroethane
Concen: 52.52 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	16.6





#43

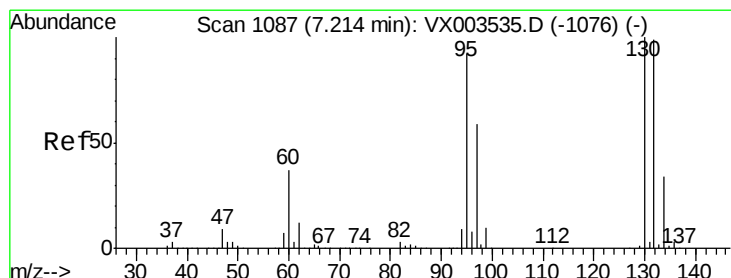
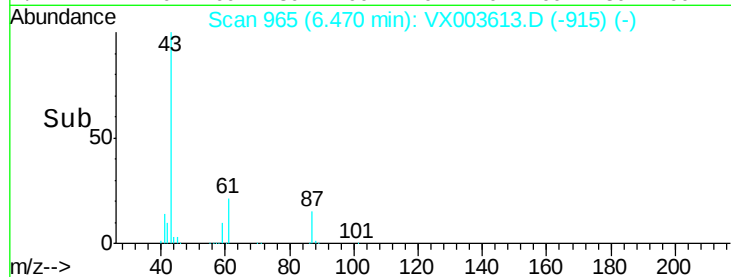
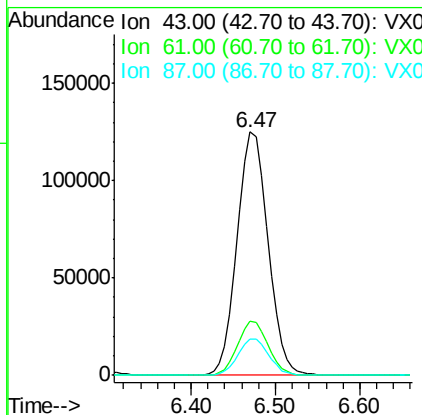
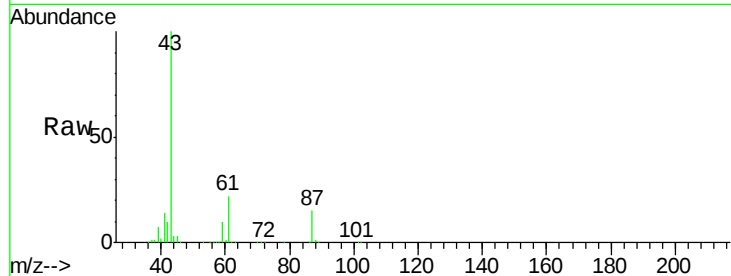
Isopropyl Acetate
 Concen: 50.86 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	14.4	21.6#
87	15.1	9.5	14.3#

Manual Integrations
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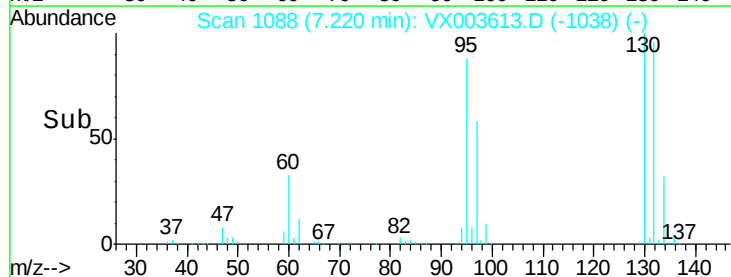
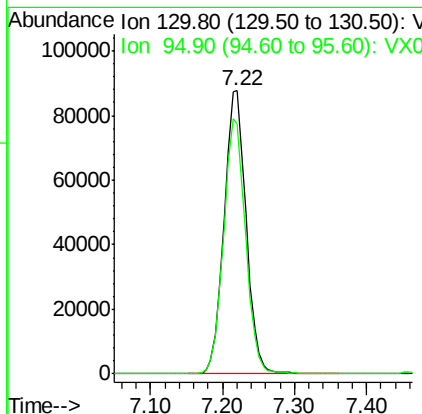
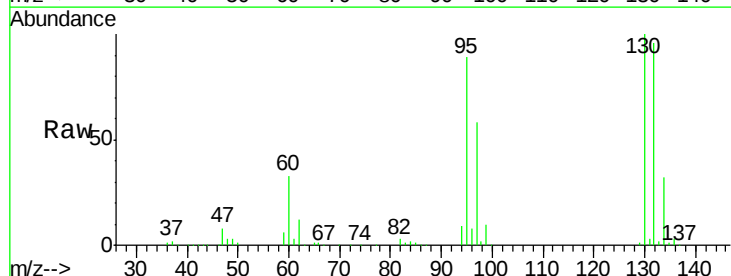
MMDadoda
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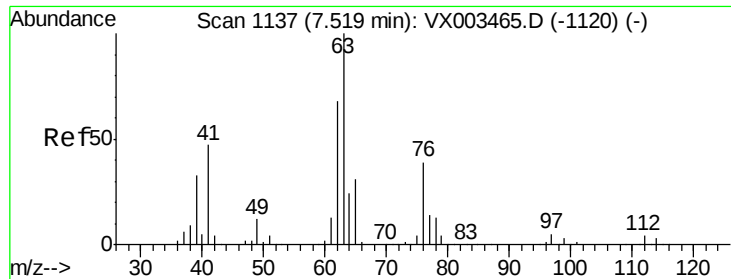


#44

Trichloroethene
 Concen: 51.48 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	185.4





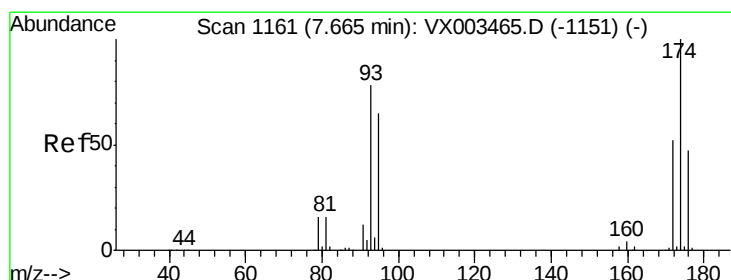
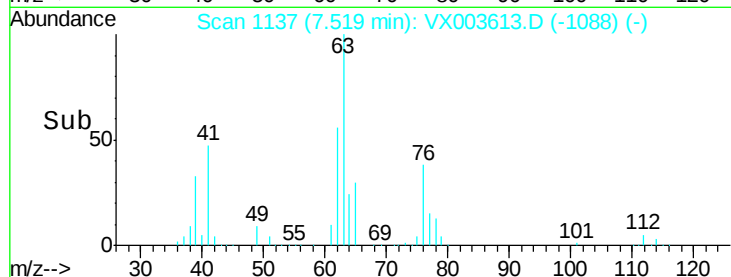
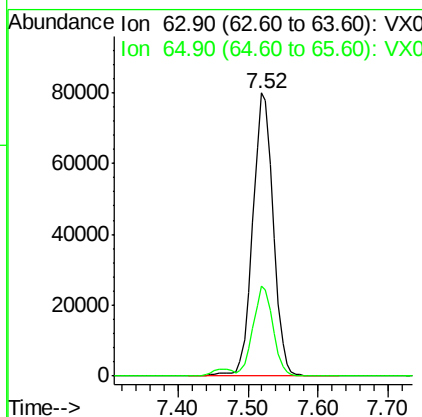
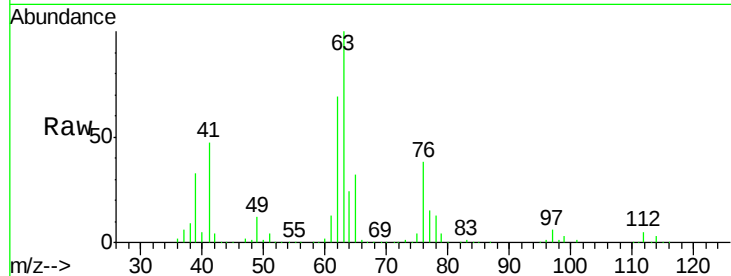
#45
 1,2-Dichloropropane
 Concen: 52.35 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion: 63 Resp: 162502
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1

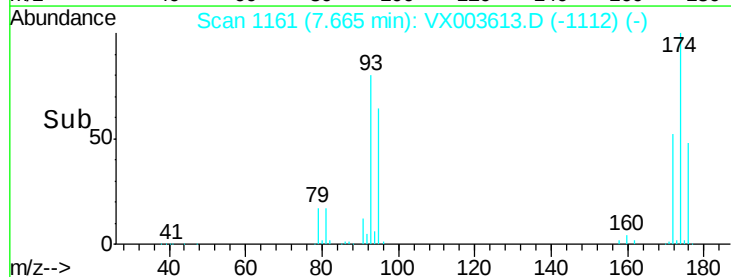
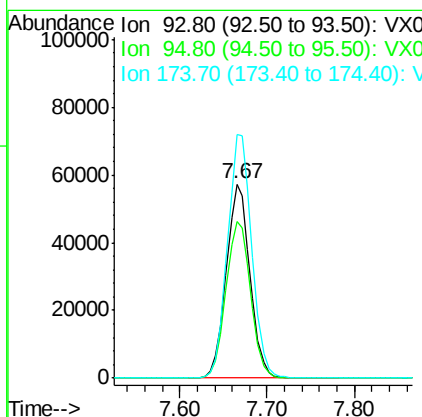
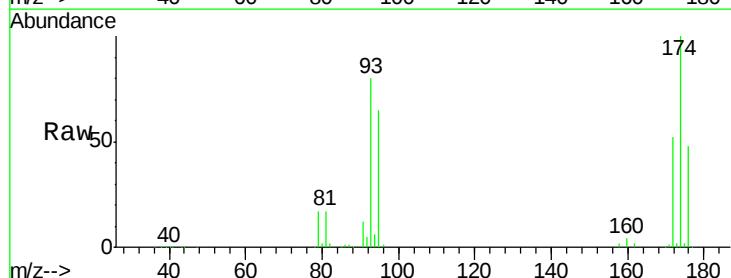
Manual Integrations
 APPROVED

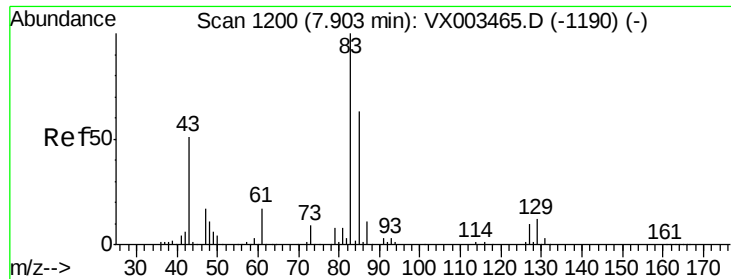
MMDadoda
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#46
 Dibromomethane
 Concen: 53.87 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion: 93 Resp: 107650
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 128.9 92.4 138.6





#47

Bromodichloromethane

Concen: 55.45 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

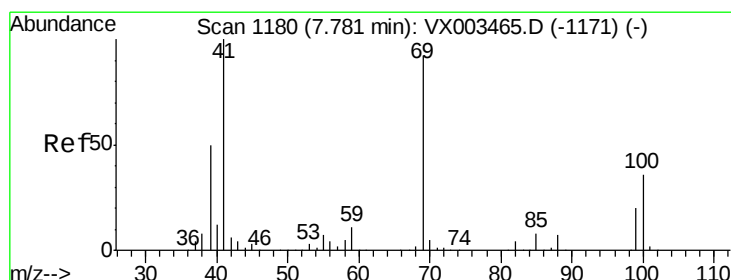
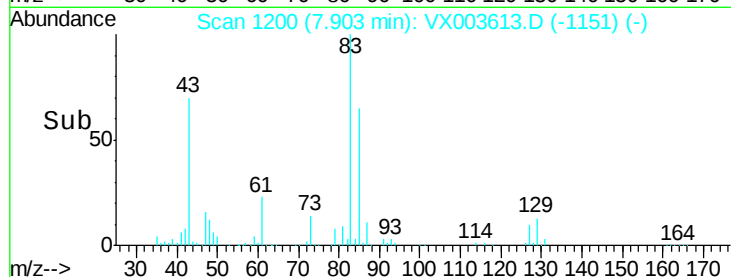
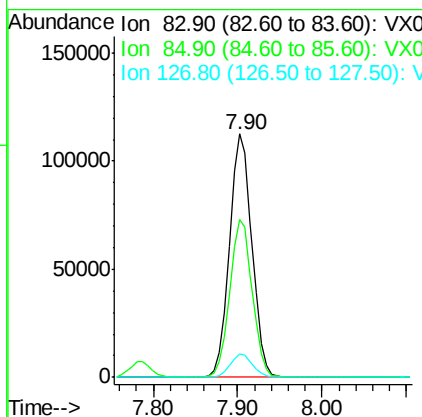
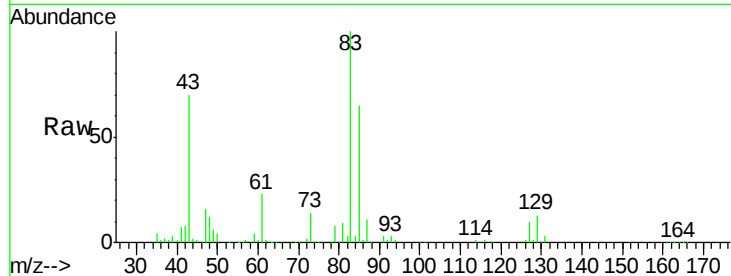
ClientSampleId :

YT-MW-7MS

Tot Ion	83	Resp	202867
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.3	75.5
127	9.8	7.0	10.4

Manual Integrations
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7/24/2018 12:37:33 PM



#48

Methyl methacrylate

Concen: 53.99 ug/l

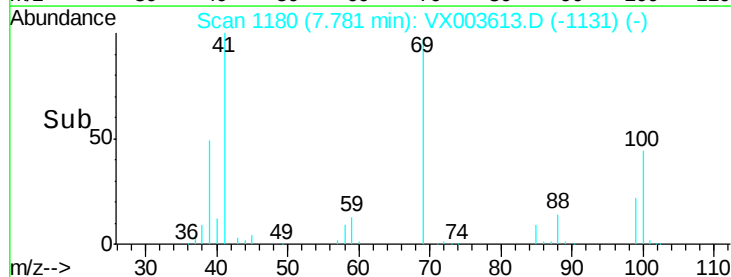
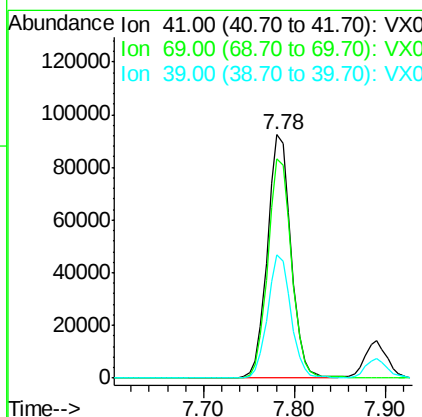
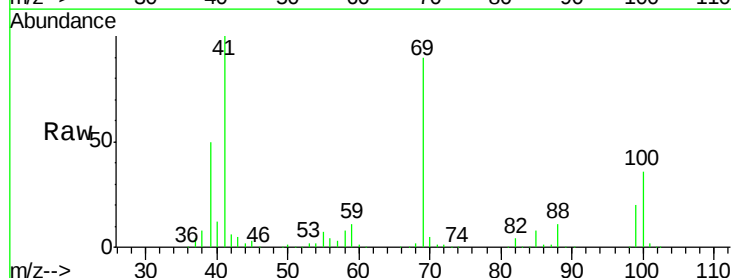
RT: 7.78 min Scan# 1180

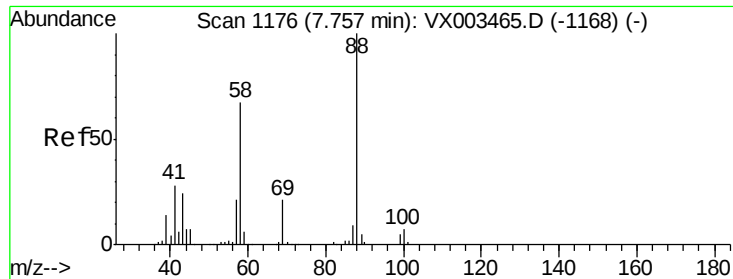
Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion	41	Resp	165930
Ion Ratio	Lower	Upper	
41	100		
69	91.0	59.1	88.7#
39	49.7	48.9	73.3





#49

1,4-Dioxane

Concen: 992.70 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

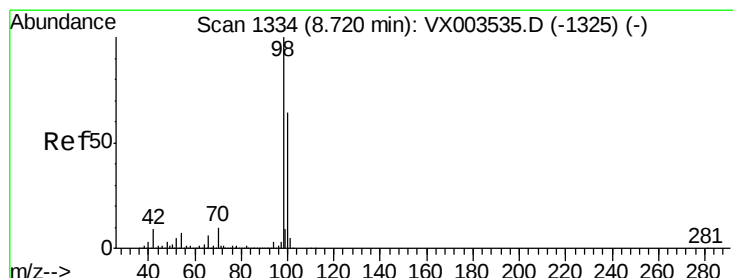
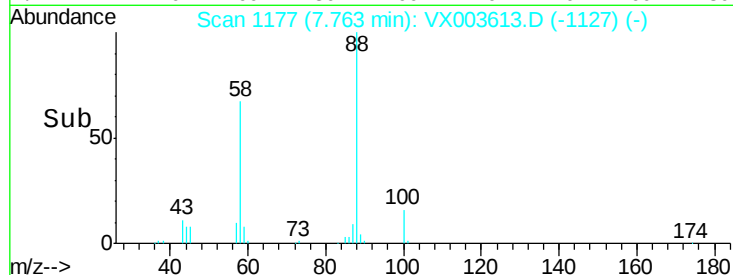
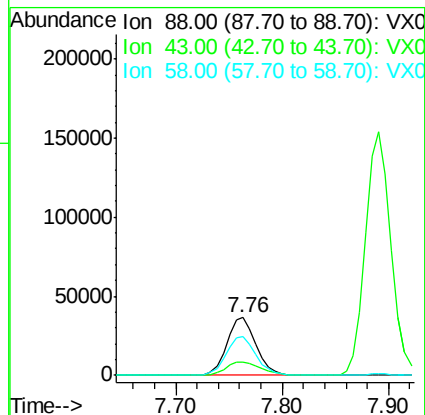
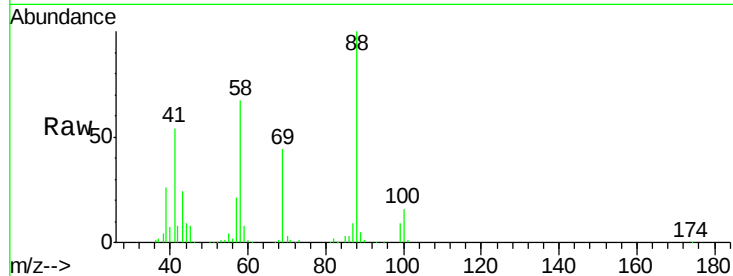
ClientSampleId :

YT-MW-7MS

Tot Ion:	88	Resp:	69131
Ion Ratio	Lower	Upper	
88	100		
43	30.0	29.8	44.6
58	70.2	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 51.72 ug/l

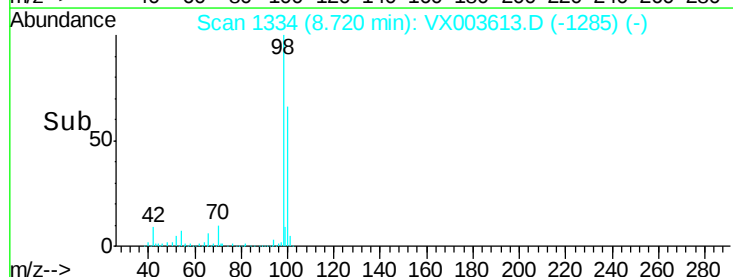
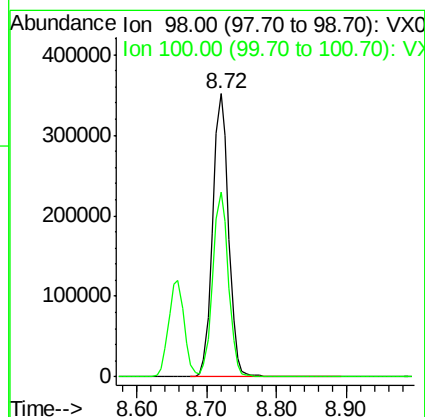
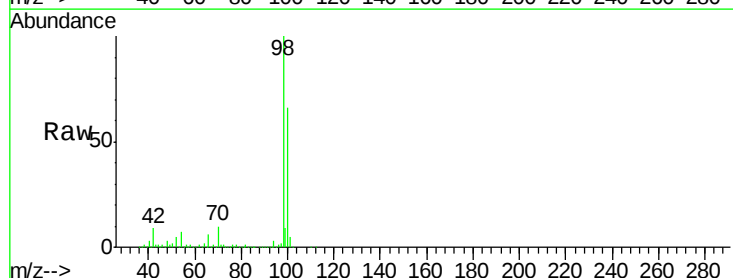
RT: 8.72 min Scan# 1334

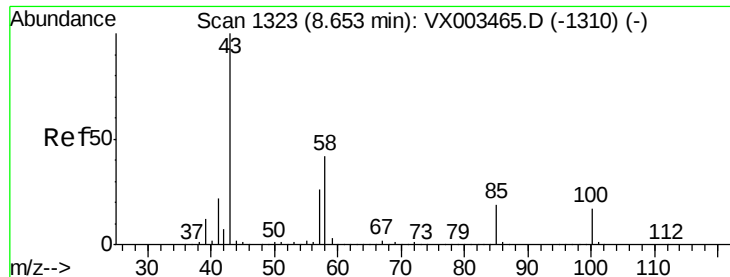
Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion:	98	Resp:	555310
Ion Ratio	Lower	Upper	
98	100		
100	64.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 281.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 43 Resp: 1083732

Ion Ratio Lower Upper

43 100

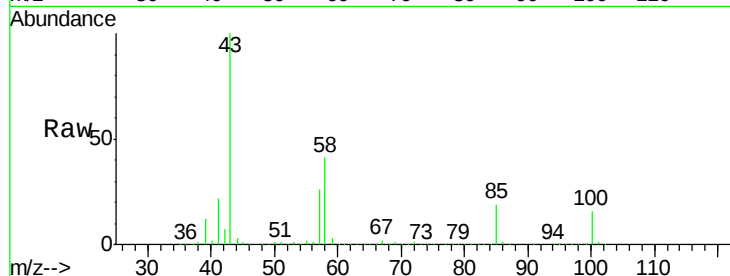
58 41.5 28.6 42.8

Manual Integrations

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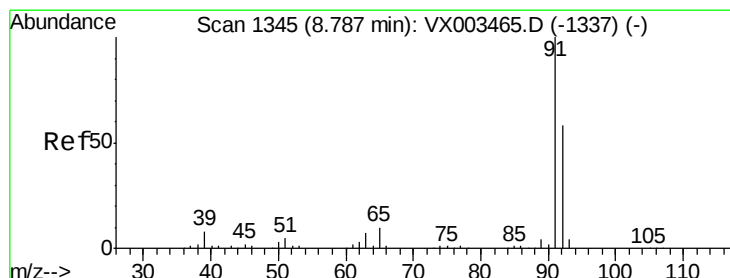
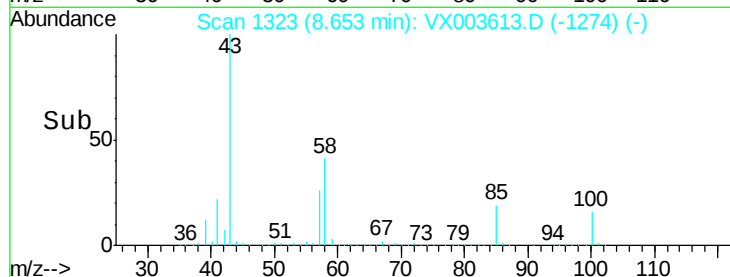
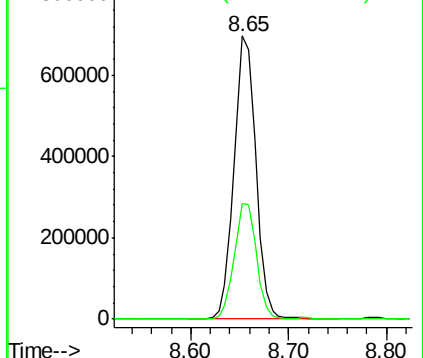
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003613.D

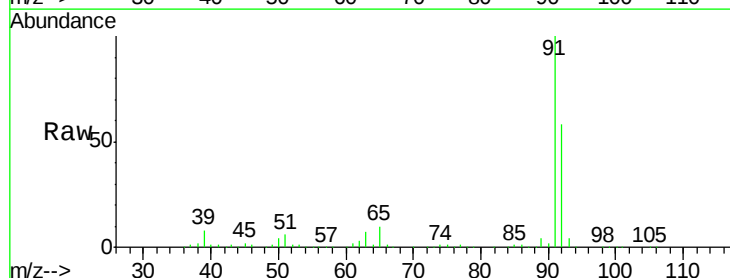
Acq: 23 Jul 2018 19:10

Tgt Ion: 92 Resp: 404409

Ion Ratio Lower Upper

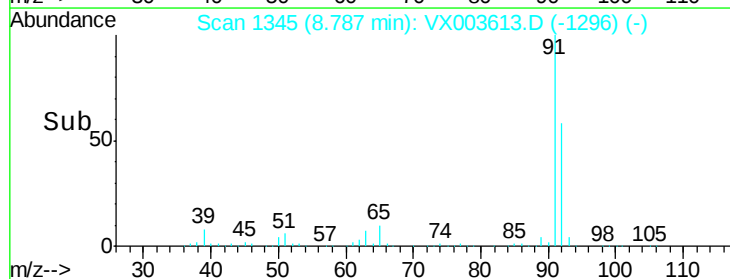
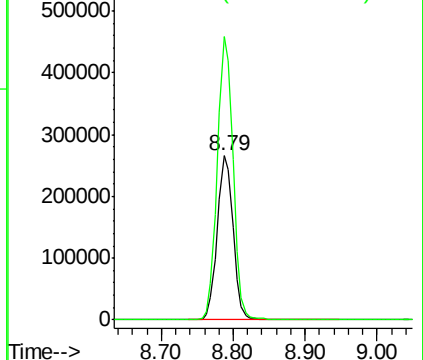
92 100

91 172.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





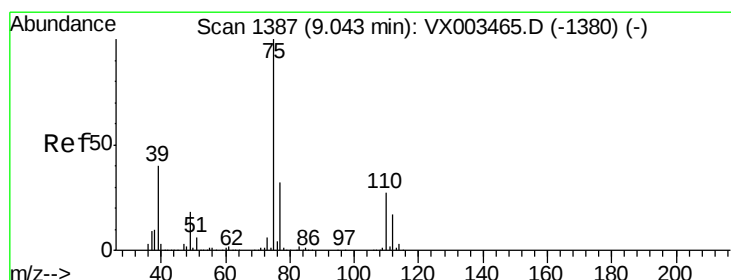
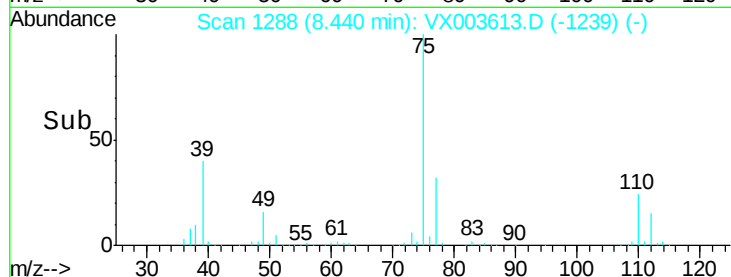
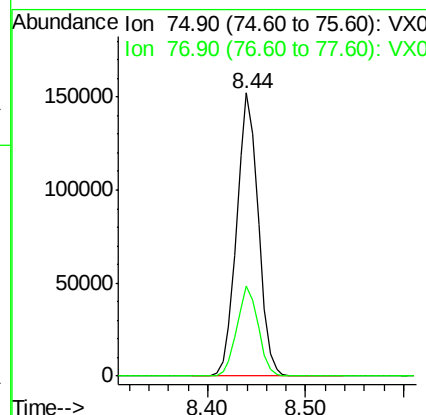
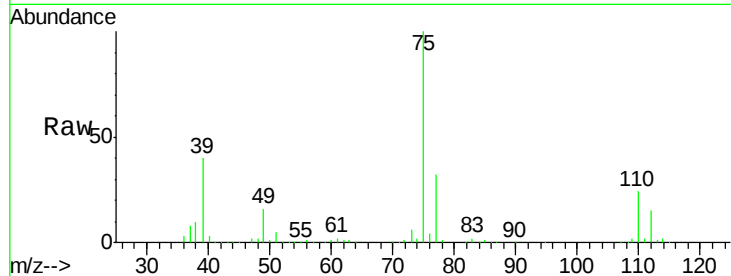
#53
t-1,3-Dichloropropene
Concen: 51.77 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion: 75 Resp: 233120
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

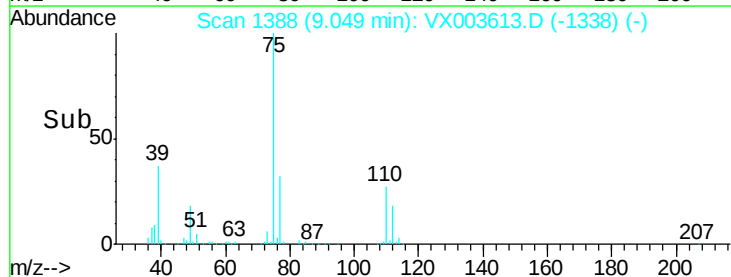
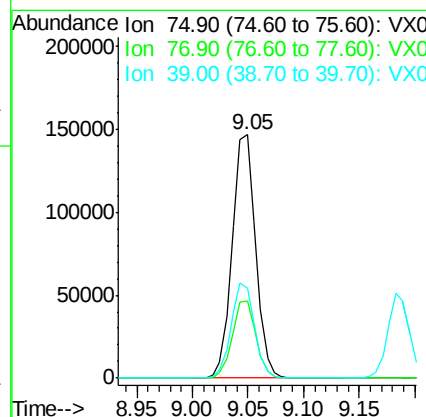
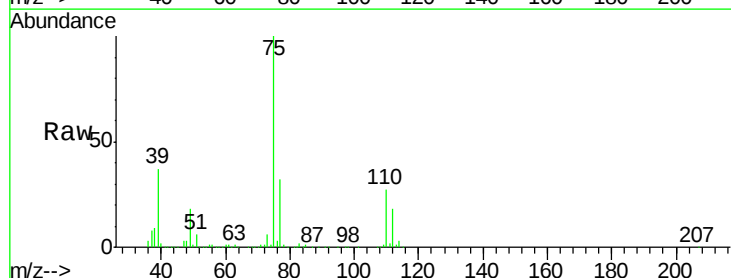
Manual Integrations
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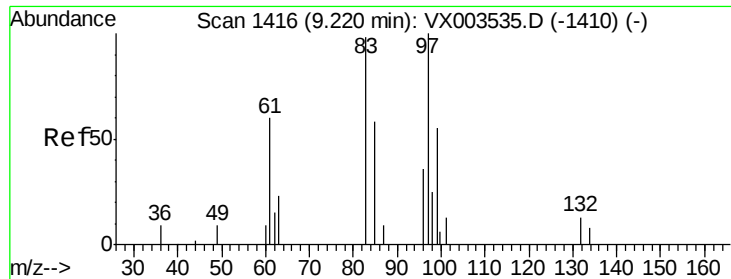
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.84 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion: 75 Resp: 213972
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 37.1 42.4 63.6#





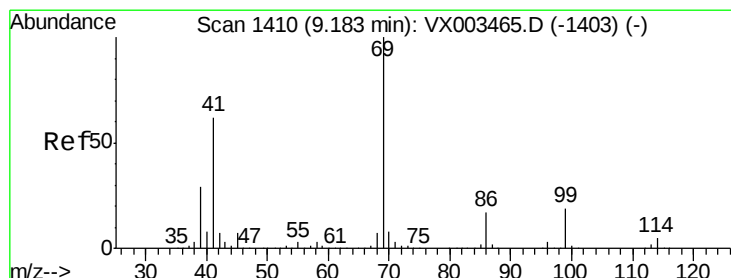
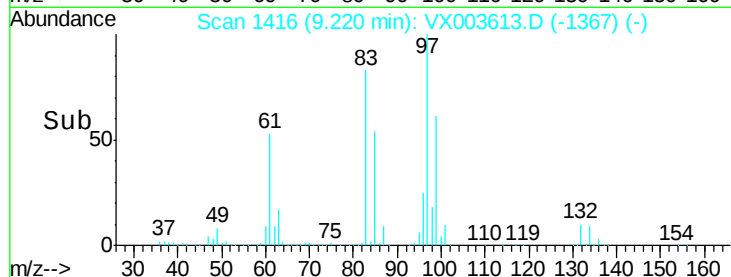
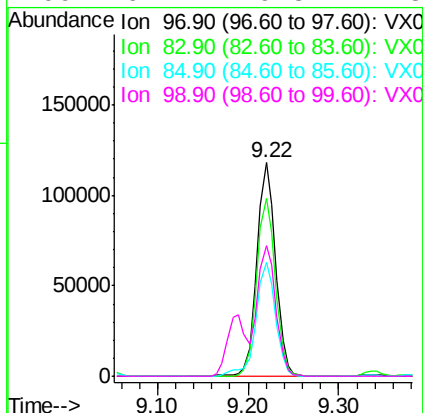
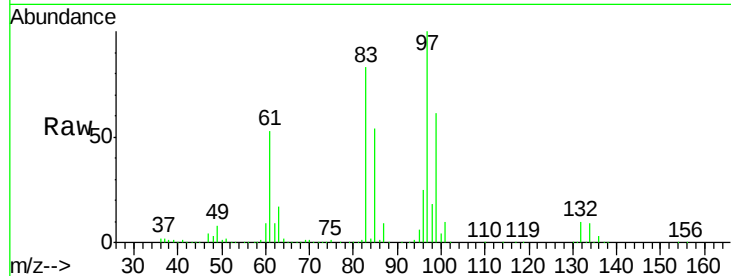
#55
 1,1,2-Trichloroethane
 Concen: 55.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.2	105.2
85	53.6	44.9	67.3
99	61.4	49.8	74.8

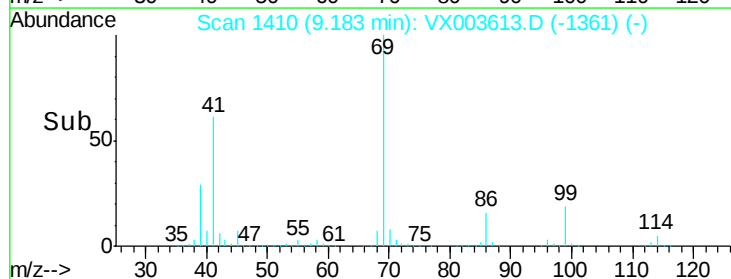
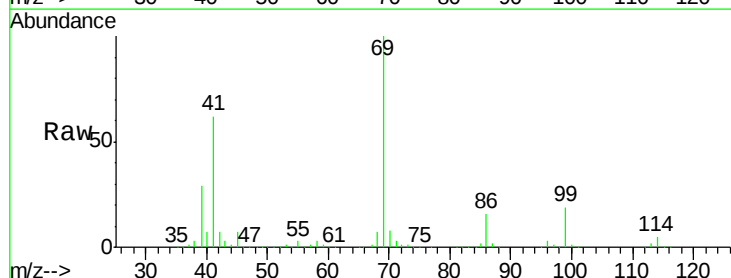
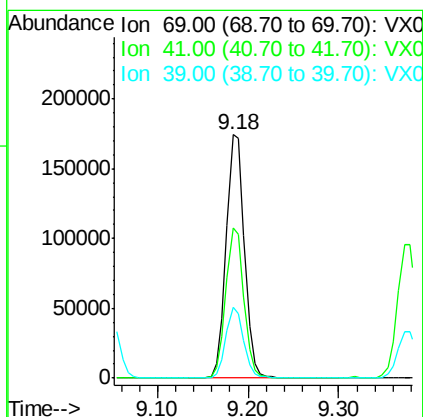
Manual Integrations
 APPROVED

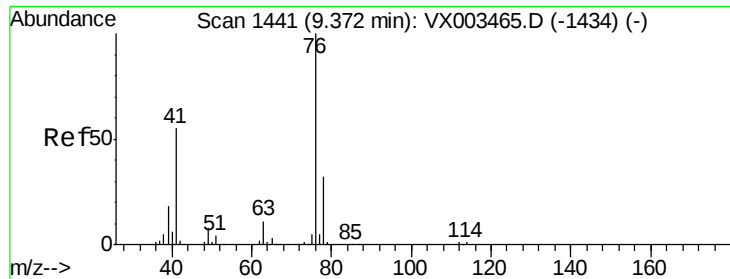
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#56
 Ethyl methacrylate
 Concen: 56.71 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.9	60.3	90.5
39	28.6	35.8	53.8#





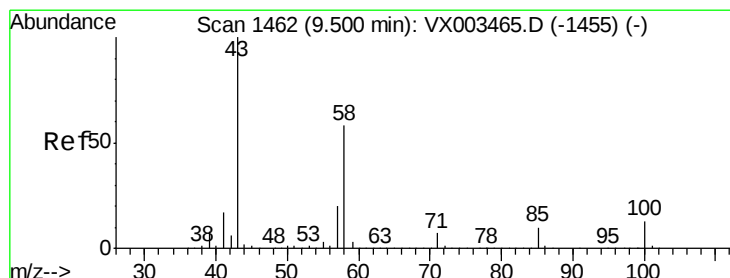
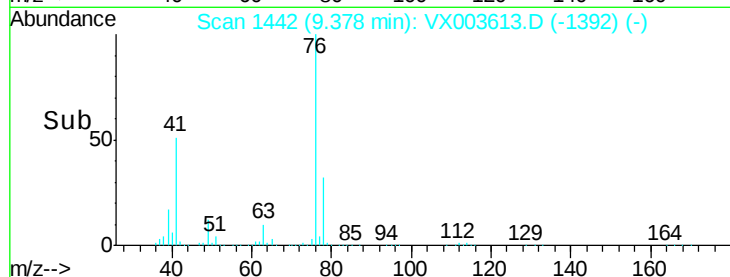
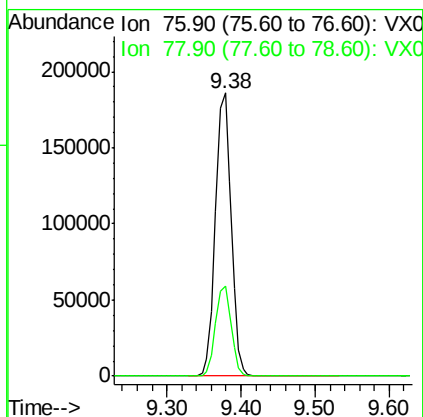
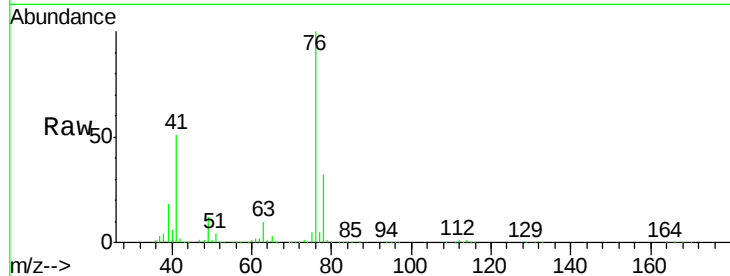
#57
 1,3-Dichloropropane
 Concen: 54.48 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion: 76 Resp: 269647
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

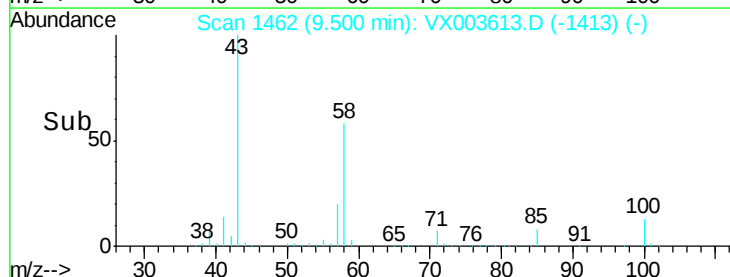
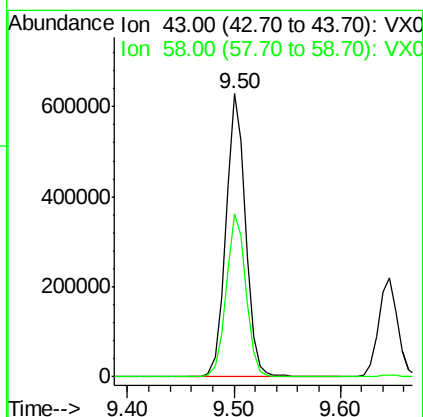
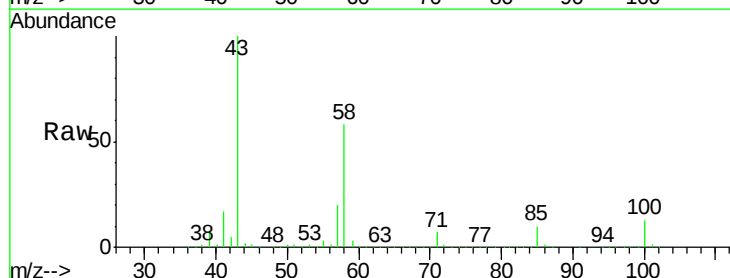
Manual Integrations
 APPROVED

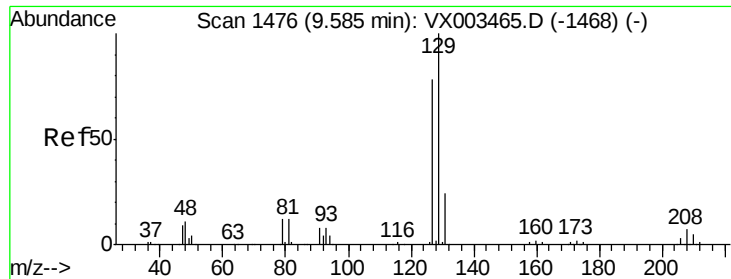
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#59
 2-Hexanone
 Concen: 284.34 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion: 43 Resp: 811164
 Ion Ratio Lower Upper
 43 100
 58 58.1 24.6 73.6





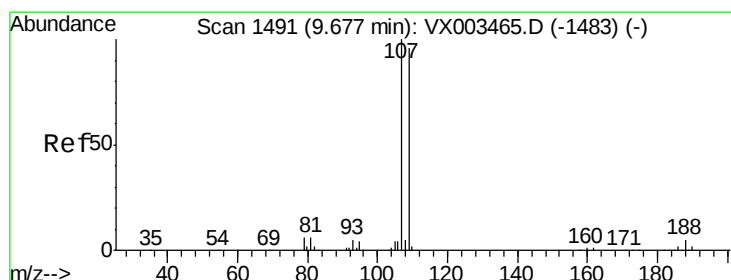
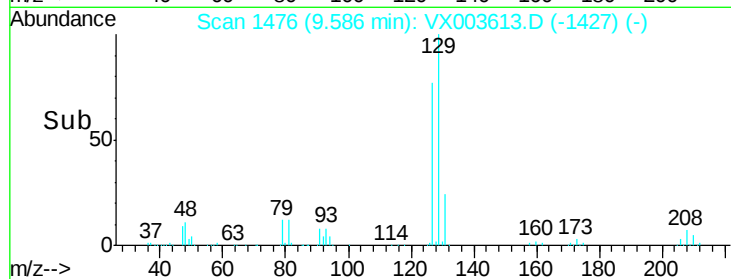
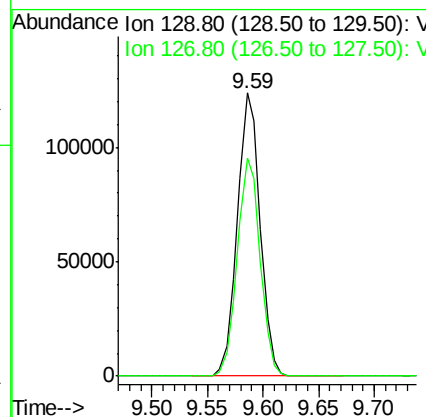
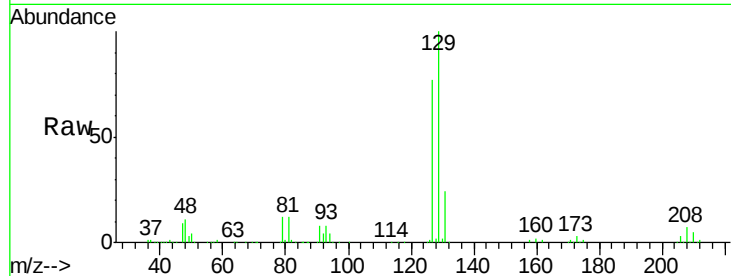
#60
Dibromochloromethane
Concen: 57.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.5	115.3

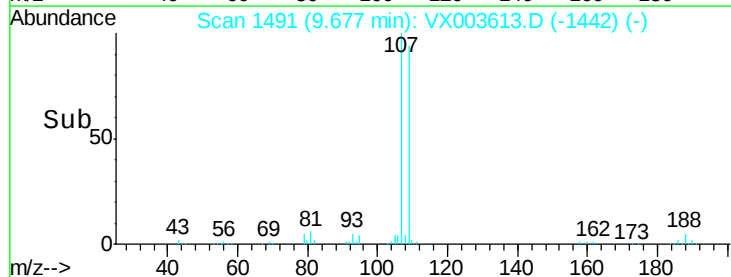
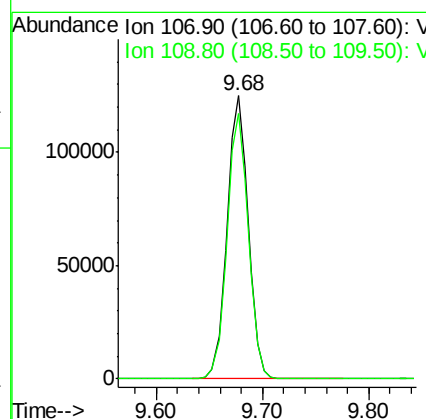
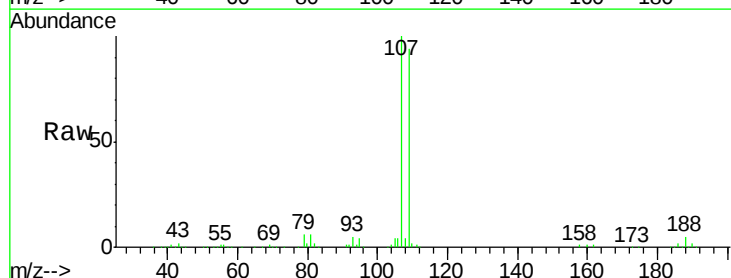
Manual Integrations
APPROVED

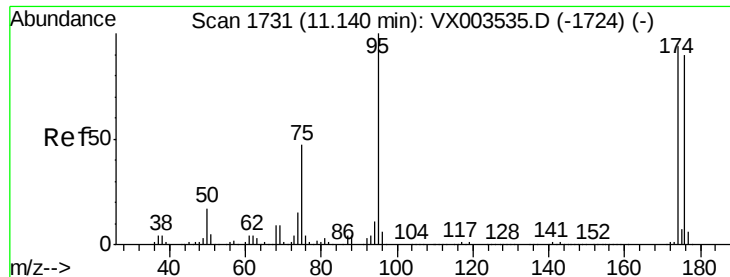
MMDadoda
7/24/2018 12:37:33 PM



#61
1,2-Dibromoethane
Concen: 54.74 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.3	112.9





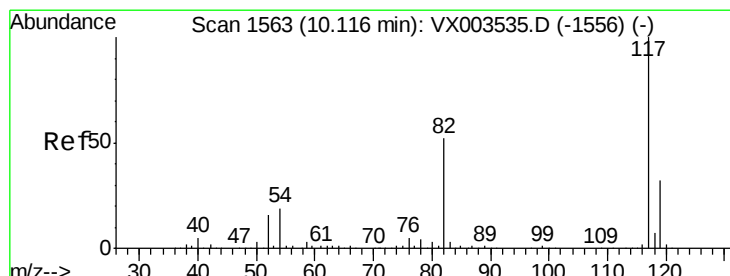
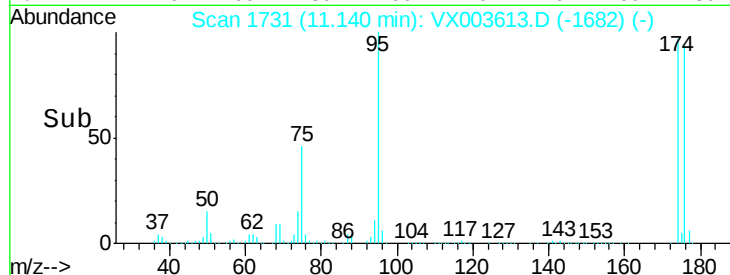
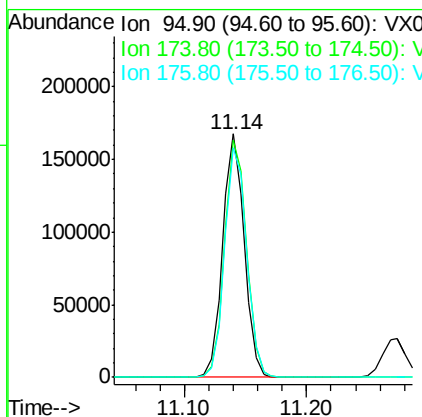
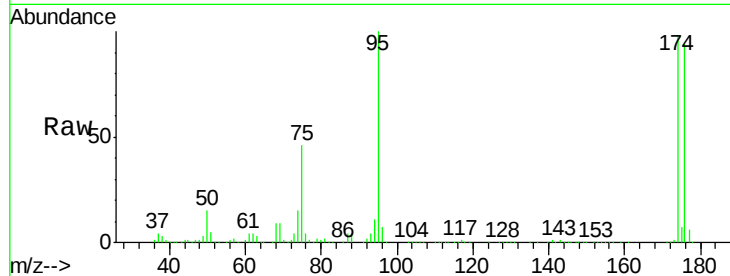
#62
4-Bromofluorobenzene
Concen: 52.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	204293		
174	98.8	0.0	187.4	
176	96.2	0.0	181.0	

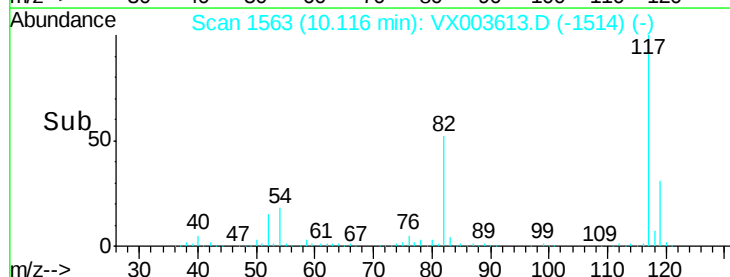
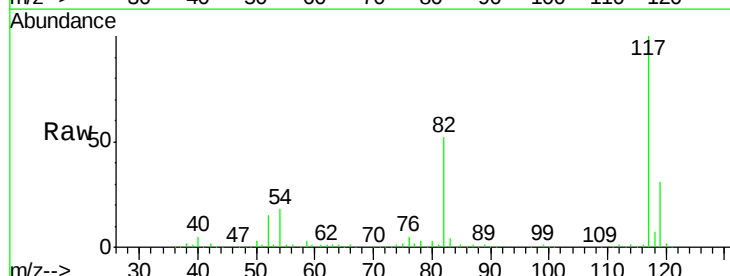
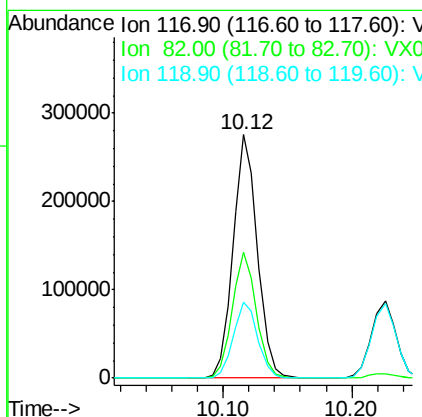
Manual Integrations
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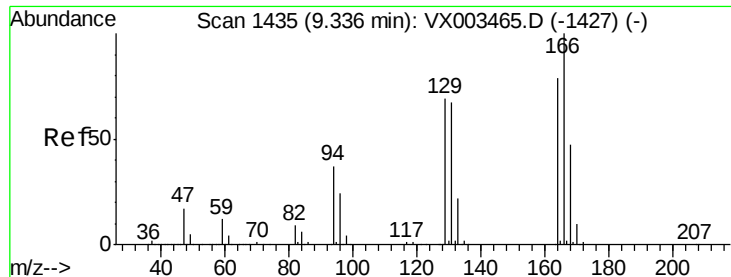
MMDadoda
7/24/2018 12:37:33 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	361096		
82	51.7	45.0	67.4	
119	31.3	25.8	38.6	





#64

Tetrachloroethene

Concen: 48.76 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion:164 Resp: 214524

Ion Ratio Lower Upper

164 100

166 130.5 102.9 154.3

129 83.7 68.6 102.8

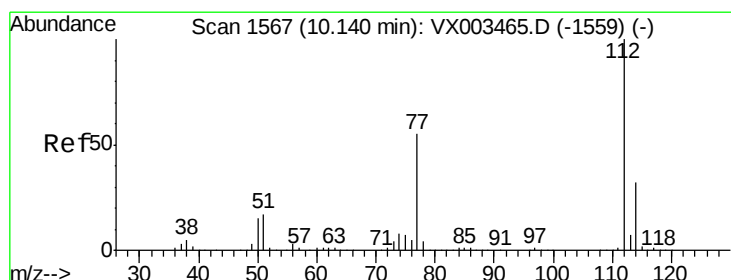
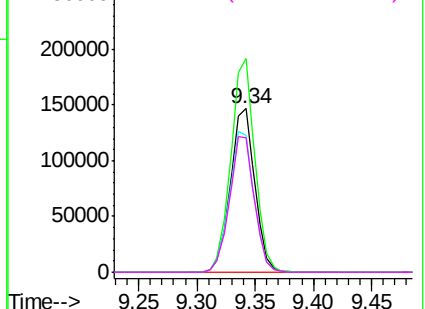
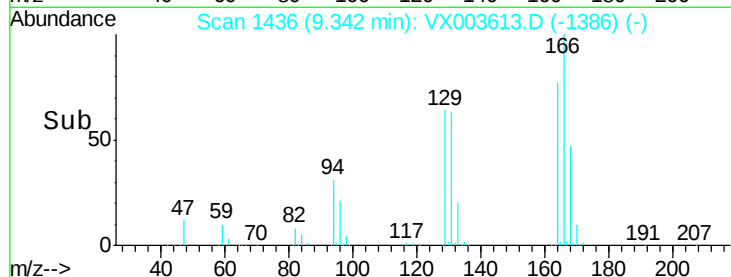
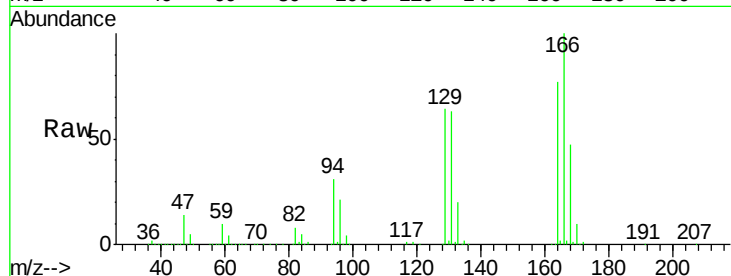
131 81.9 66.8 100.2

Manual Integrations

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#65

Chlorobenzene

Concen: 50.24 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003613.D

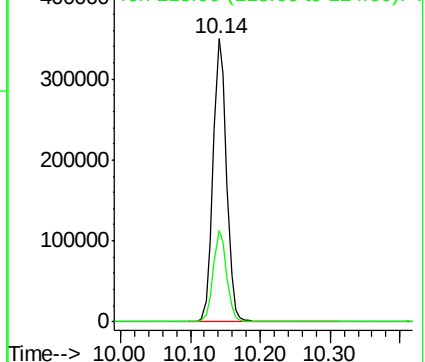
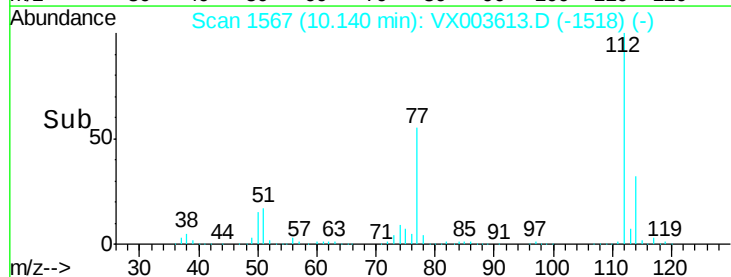
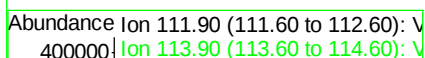
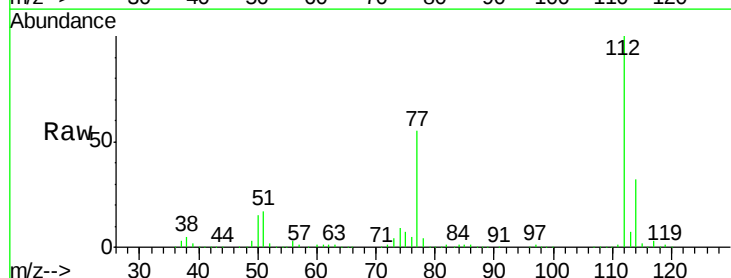
Acq: 23 Jul 2018 19:10

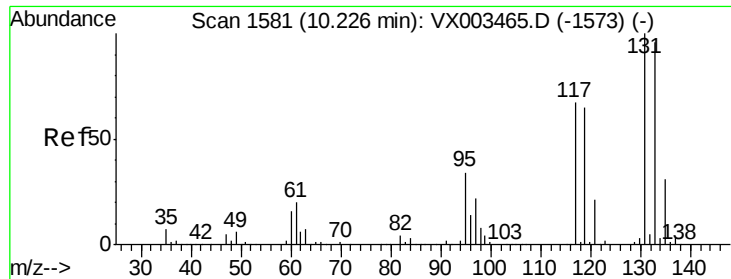
Tgt Ion:112 Resp: 467421

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 54.22 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion:131 Resp: 173559

Ion Ratio Lower Upper

131 100

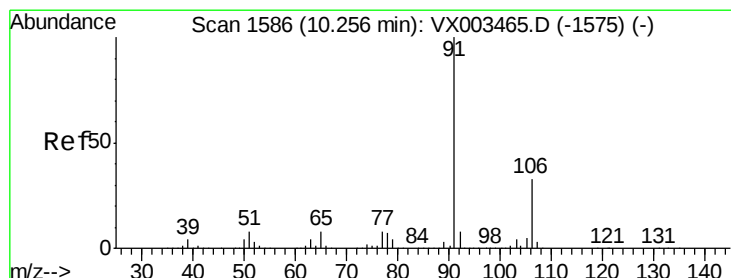
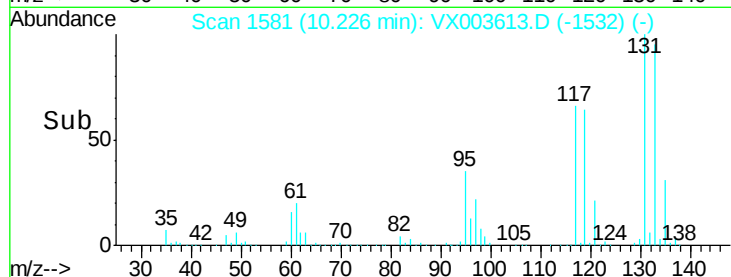
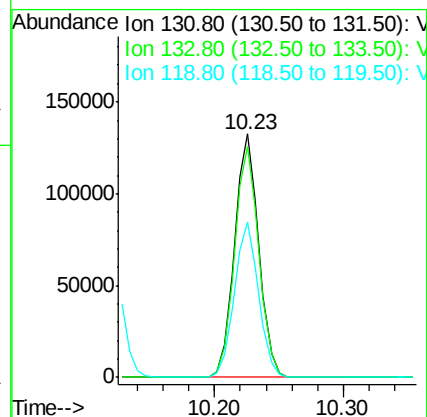
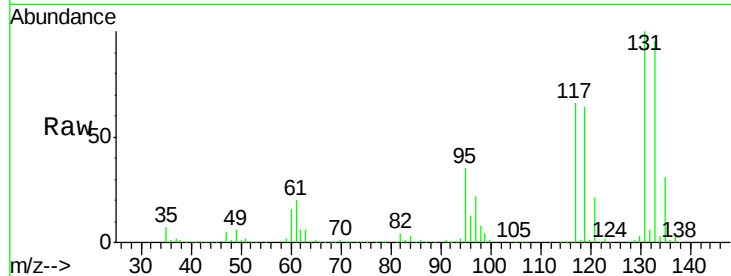
133 95.2 47.9 143.6

119 63.8 31.8 95.3

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#67

Ethyl Benzene

Concen: 51.24 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003613.D

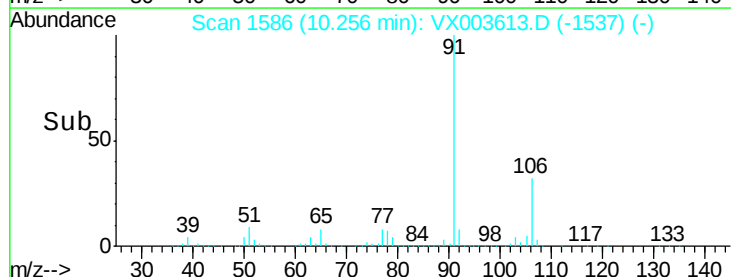
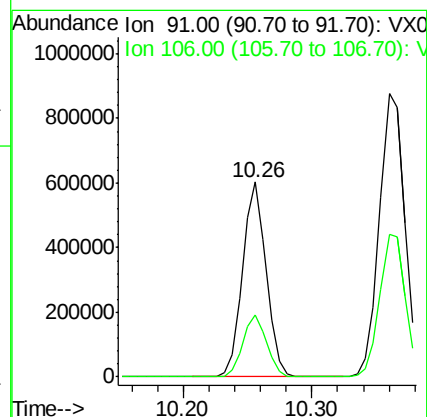
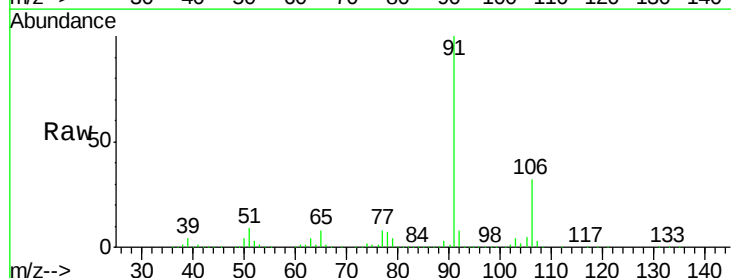
Acq: 23 Jul 2018 19:10

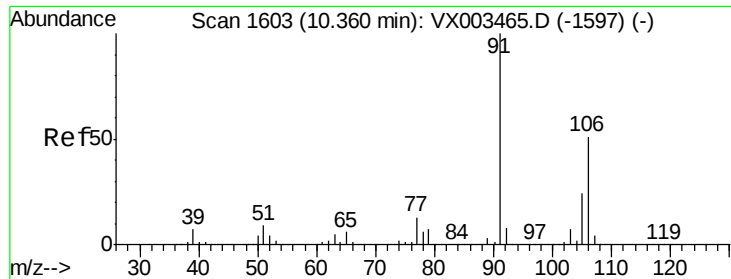
Tgt Ion: 91 Resp: 766560

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3





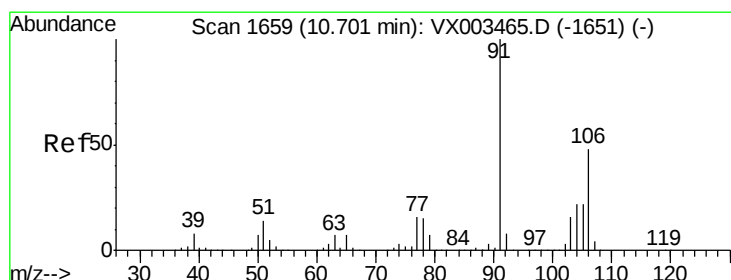
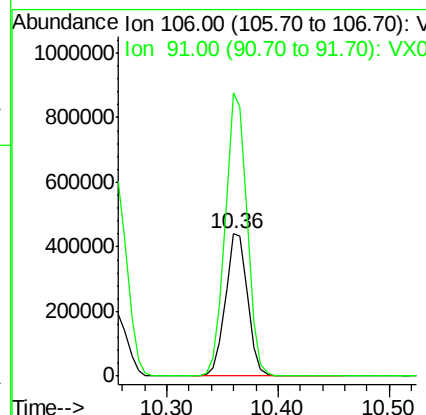
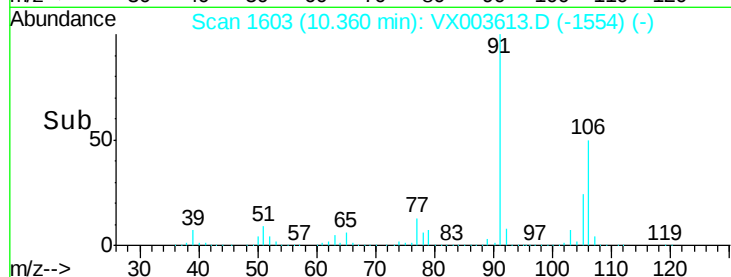
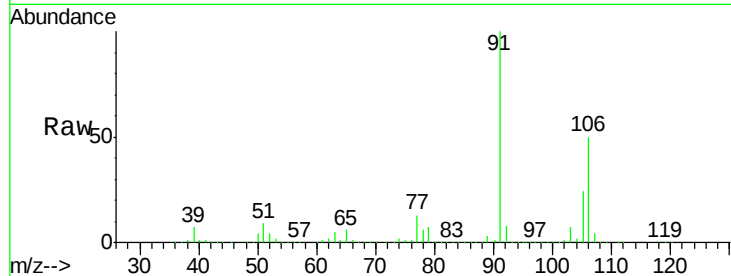
#68
m/p-Xvlenes
Concen: 102.88 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion:106 Resp: 603371
Ion Ratio Lower Upper
106 100
91 197.1 163.4 245.2

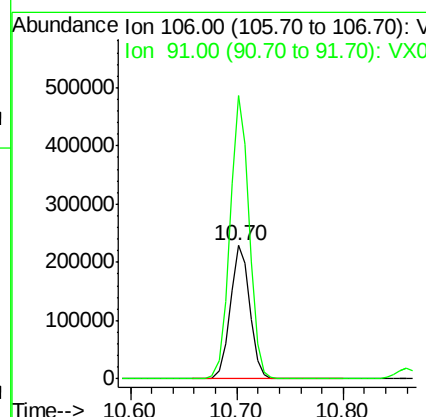
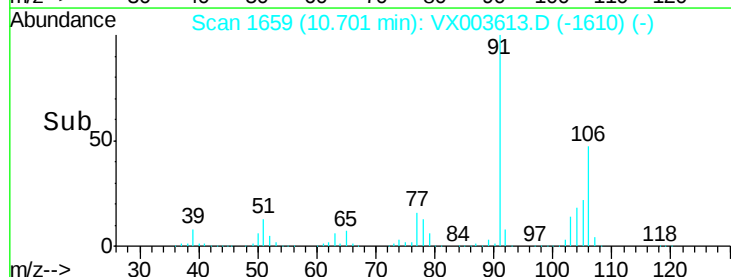
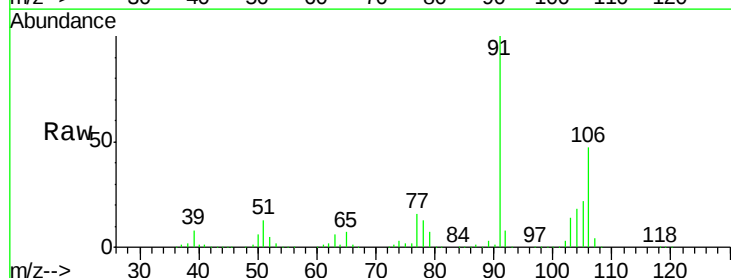
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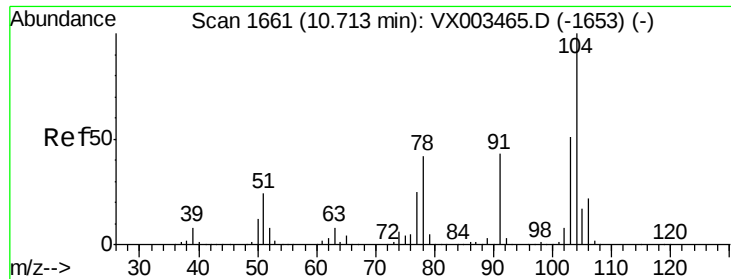
MMDadoda
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#69
o-Xylene
Concen: 51.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion:106 Resp: 292788
Ion Ratio Lower Upper
106 100
91 208.8 108.2 324.6





#70

Stvrene

Concen: 53.30 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

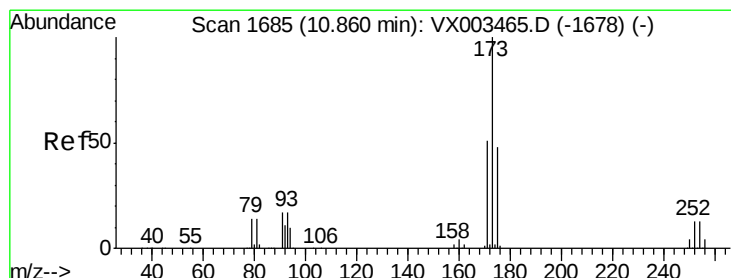
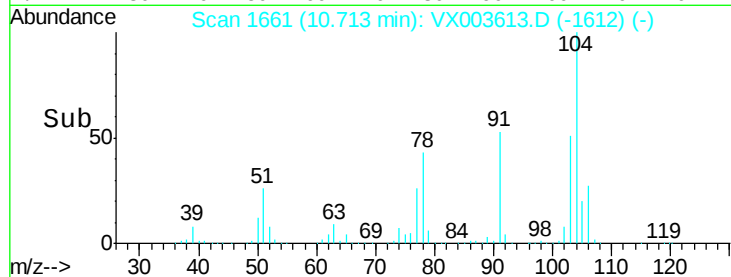
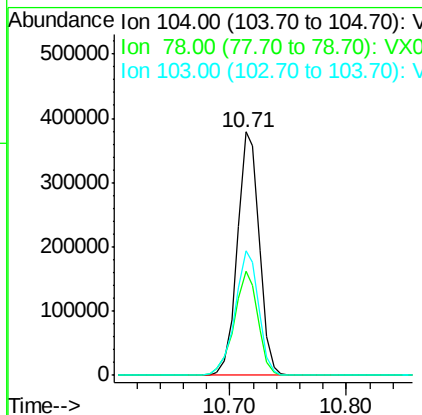
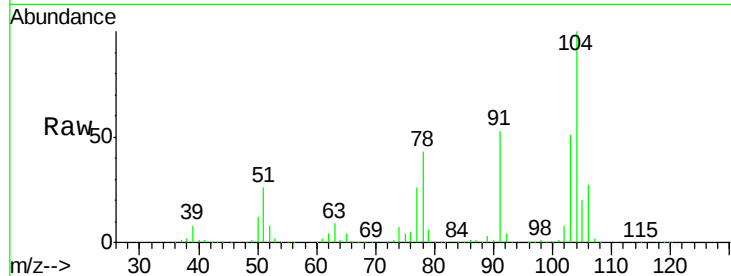
ClientSampled :

YT-MW-7MS

Tot Ion:	104	Resp:	497201
Ion Ratio	Lower	Upper	
104	100		
78	46.3	41.0	61.6
103	55.0	44.2	66.4

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#71

Bromoform

Concen: 57.06 ug/l

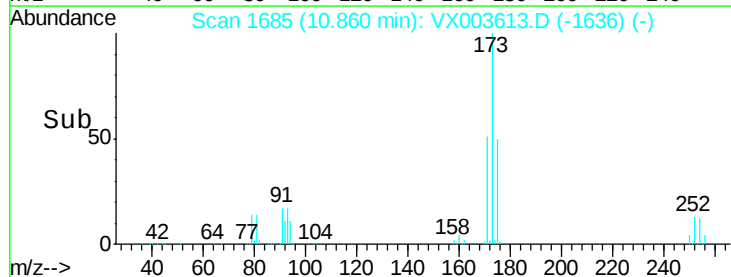
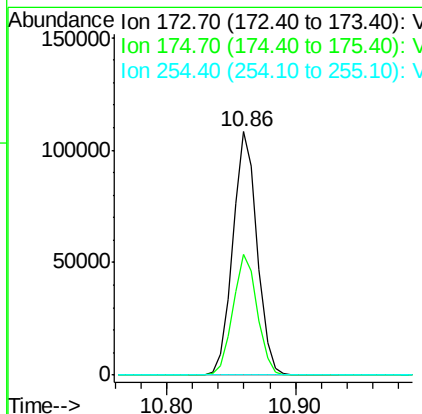
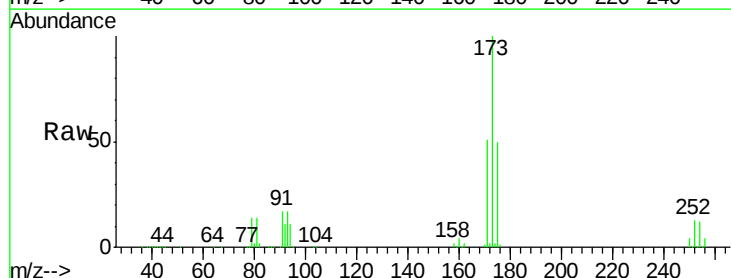
RT: 10.86 min Scan# 1685

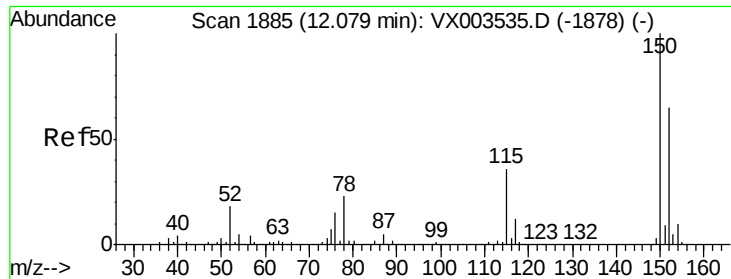
Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion:	173	Resp:	141926
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

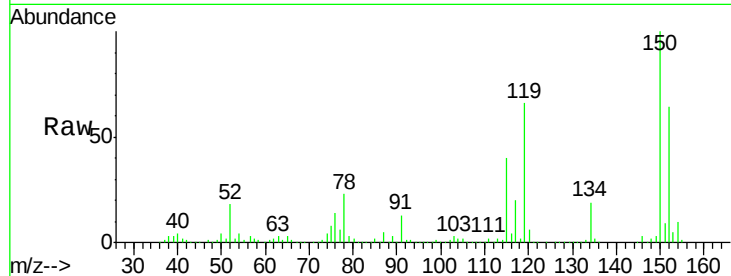
ClientSampleId :

YT-MW-7MS

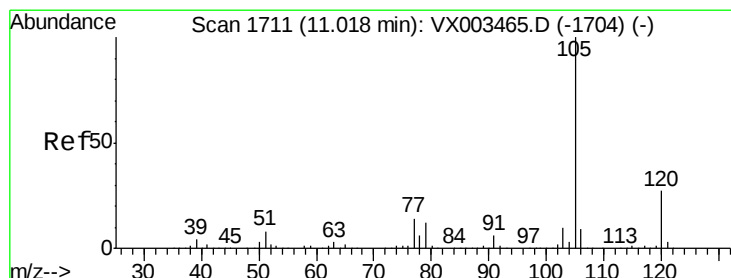
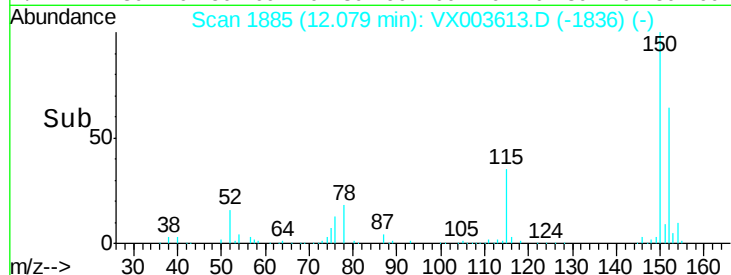
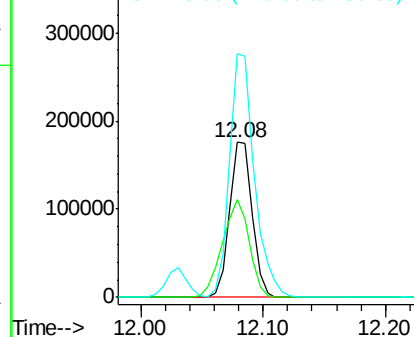
Tot Ion:	152	Resp:	222587
Ion Ratio	Lower	Upper	
152	100		
115	75.3	40.1	120.2
150	174.5	0.0	347.2

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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: 51.46 ug/l

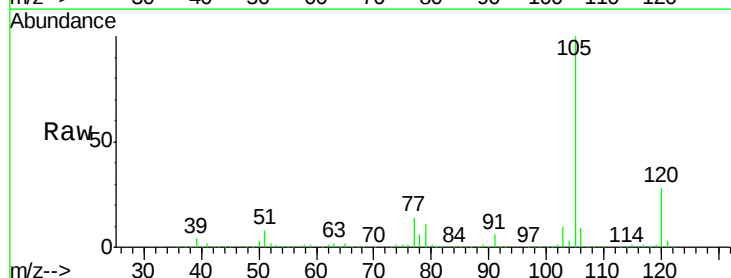
RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

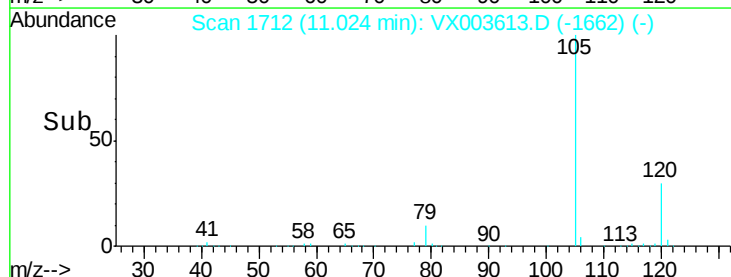
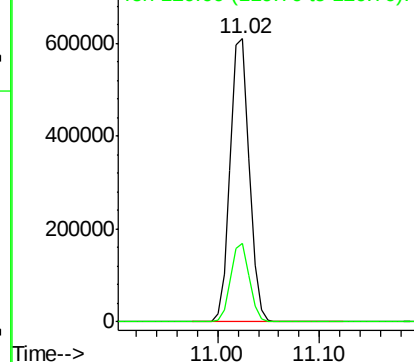
Lab File: VX003613.D

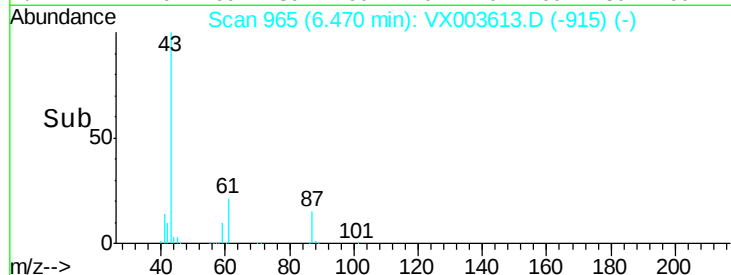
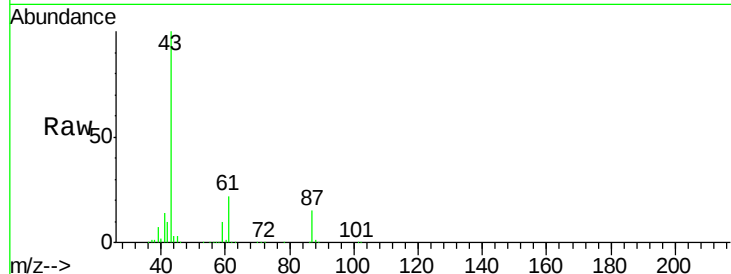
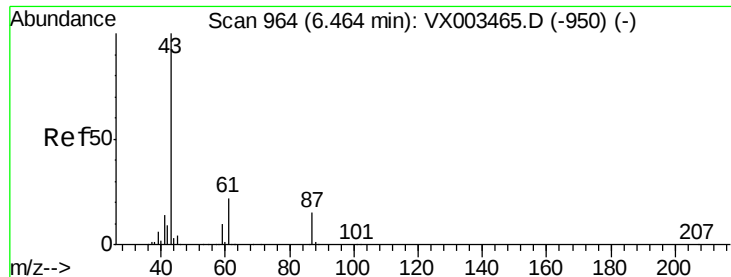
Acq: 23 Jul 2018 19:10

Tgt Ion:	105	Resp:	792140
Ion Ratio	Lower	Upper	
105	100		
120	27.2	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: 47.42 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003613.D

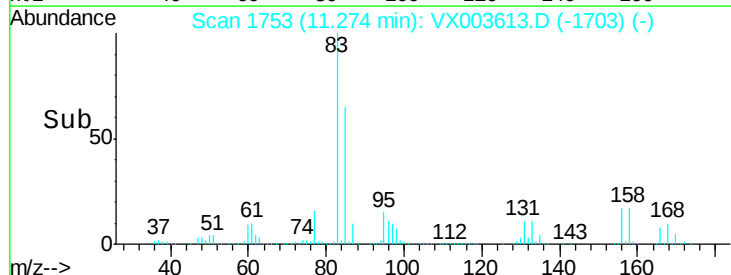
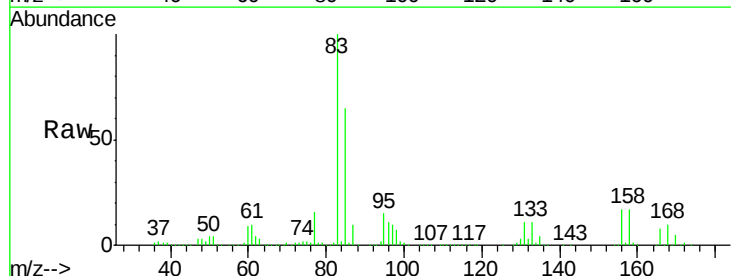
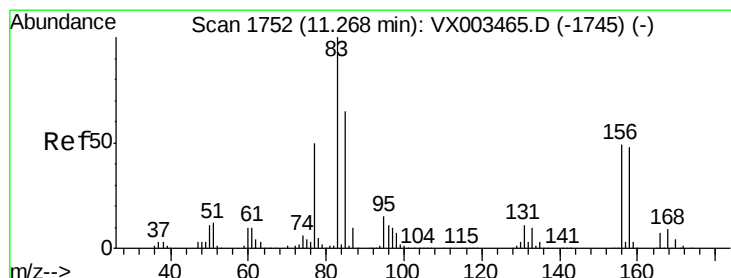
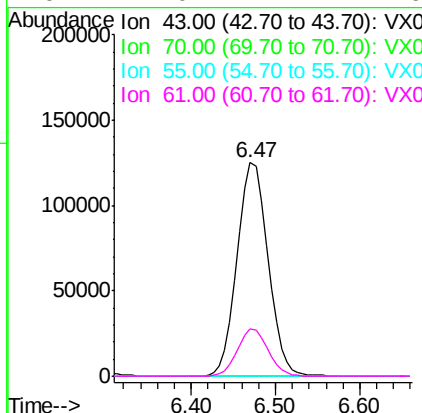
Acq: 23 Jul 2018 19:10

Tot Ion	43	Resp	309968
Ion Ratio	Lower	Upper	
43	100		
70	0.0	0.0	0.0#
55	0.2	0.0	0.0#
61	22.0	14.4	21.6#

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.16 ug/l

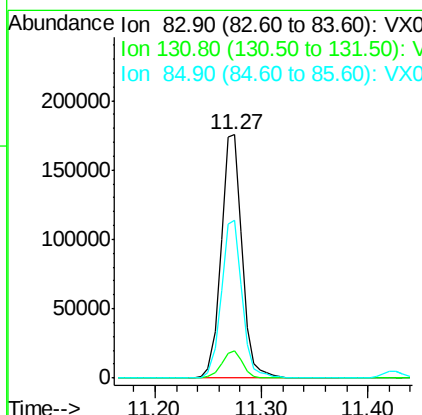
RT: 11.27 min Scan# 1753

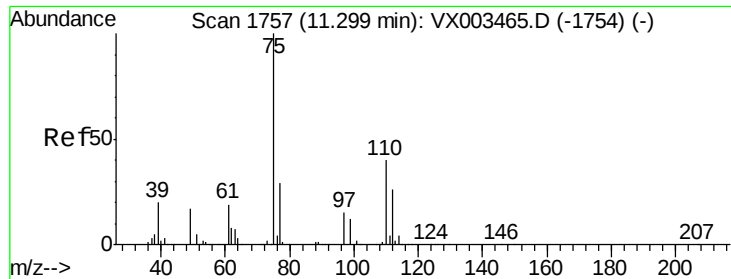
Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Tgt Ion	83	Resp	239832
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.3	32.4	97.2





#76

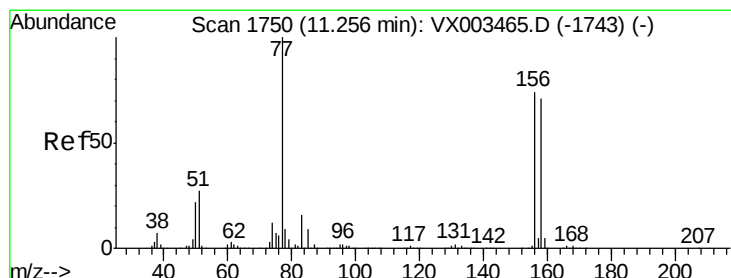
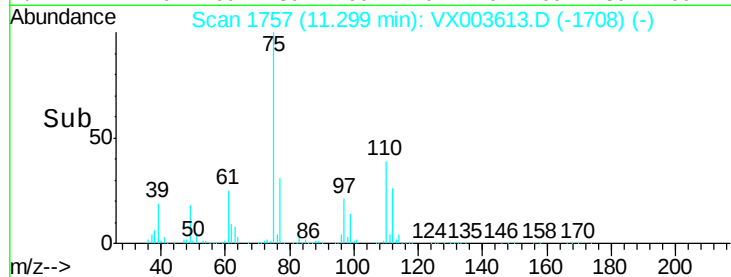
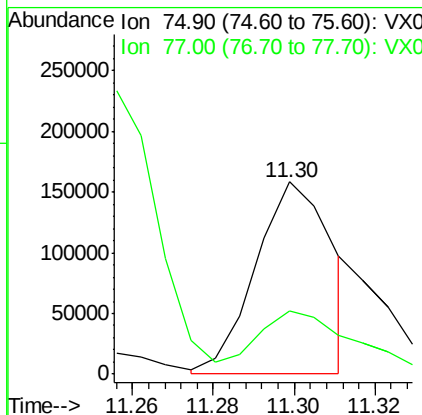
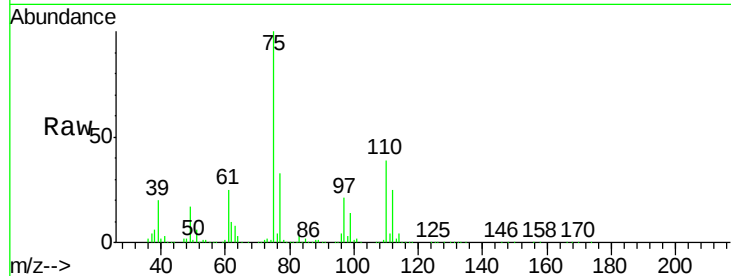
1,2,3-Trichloropropane
Concen: 51.94 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MS

Tot Ion: 75 Resp: 207687
Ion Ratio Lower Upper
75 100
77 42.3 22.8 68.3

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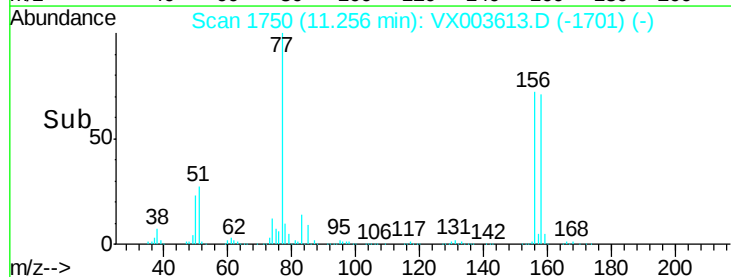
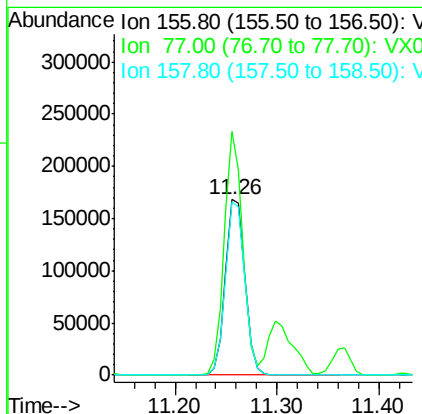
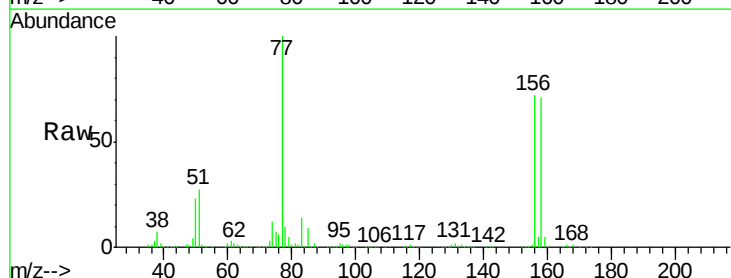
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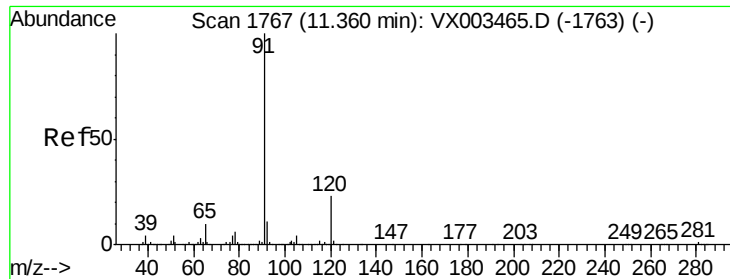


#77

Bromobenzene
Concen: 50.39 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion: 156 Resp: 223089
Ion Ratio Lower Upper
156 100
77 131.5 71.4 214.2
158 97.5 48.9 146.6





#78

n-propylbenzene

Concen: 50.74 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion: 91 Resp: 868210

Ion Ratio Lower Upper

91 100

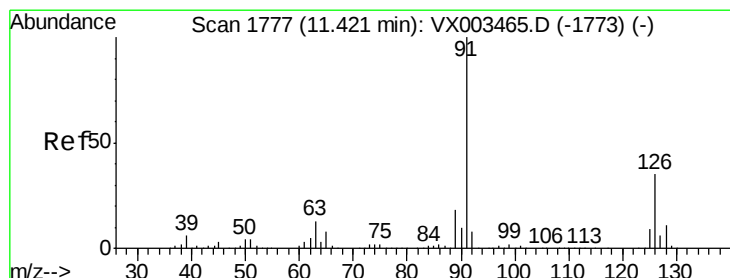
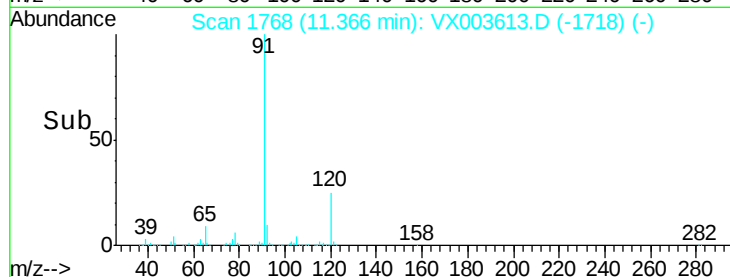
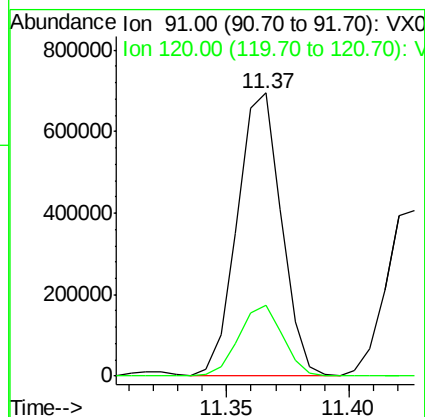
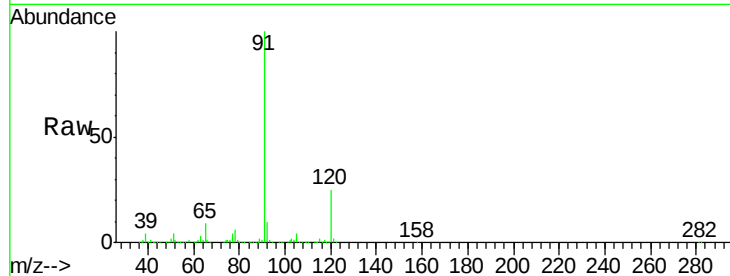
120 25.0 11.8 35.4

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#79

2-Chlorotoluene

Concen: 49.94 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003613.D

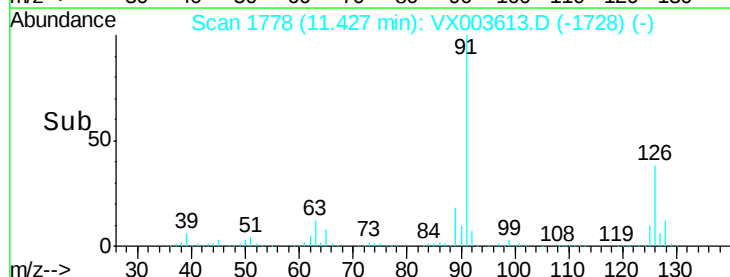
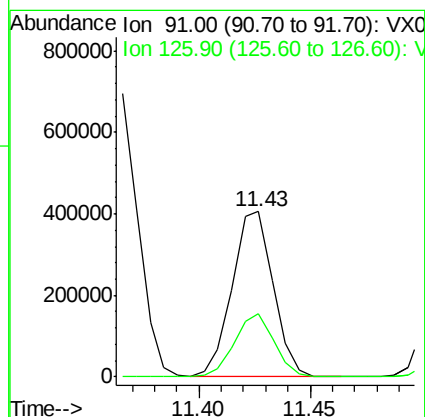
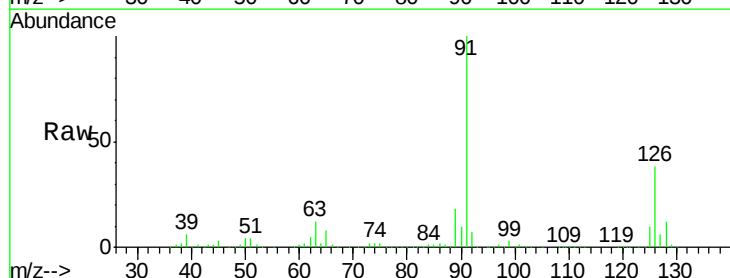
Acq: 23 Jul 2018 19:10

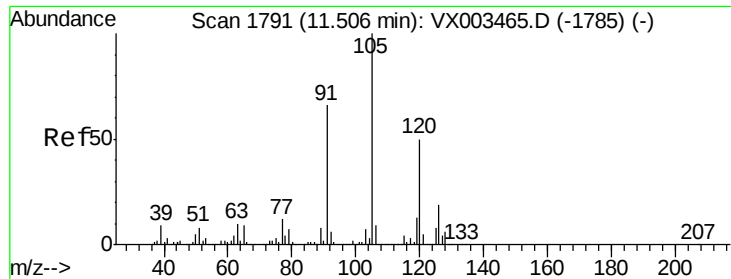
Tgt Ion: 91 Resp: 518772

Ion Ratio Lower Upper

91 100

126 37.0 17.7 53.1





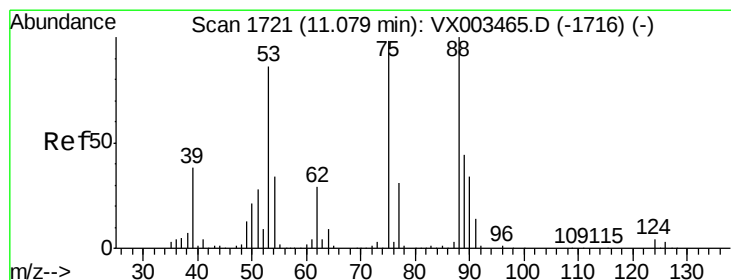
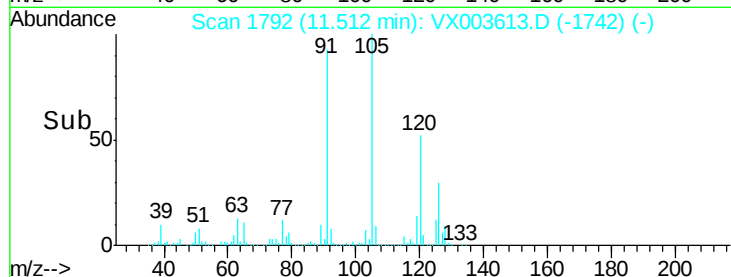
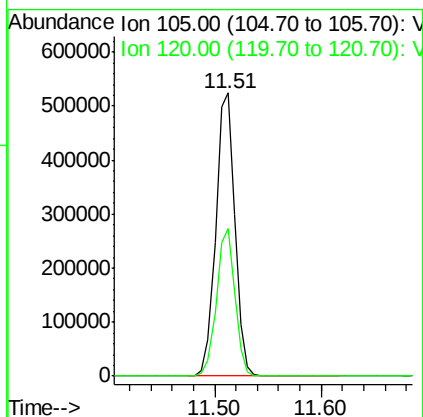
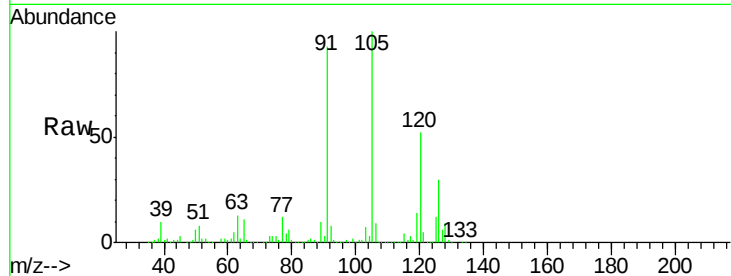
#80
 1,3,5-Trimethylbenzene
 Concen: 50.98 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion:105 Resp: 644994
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.4 73.4

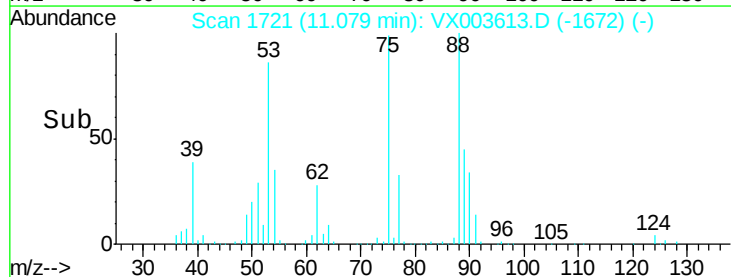
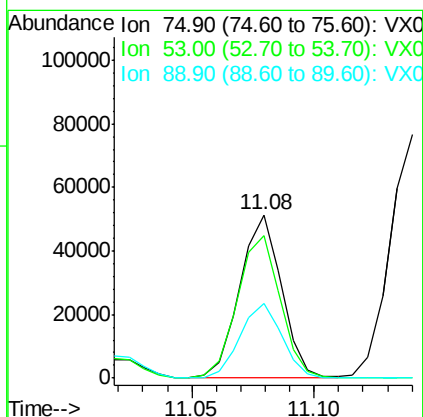
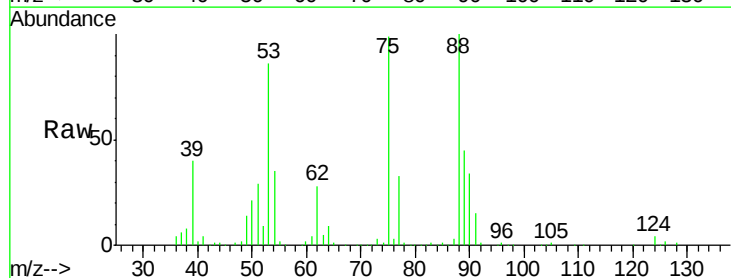
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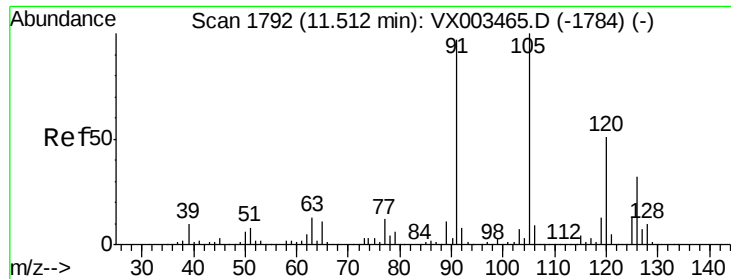
MMDadoda
 7/24/2018 12:37:33 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.48 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion: 75 Resp: 60758
 Ion Ratio Lower Upper
 75 100
 53 89.9 86.8 130.2
 89 46.4 38.2 57.2





#82

4-Chlorotoluene

Concen: 49.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampled :

YT-MW-7MS

Tot Ion: 91 Resp: 602366

Ion Ratio Lower Upper

91 100

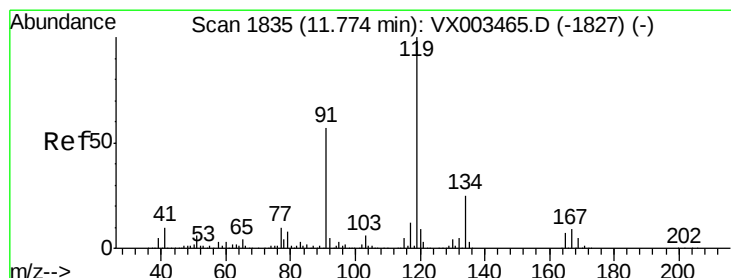
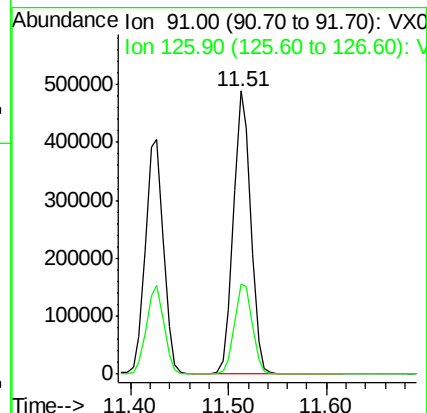
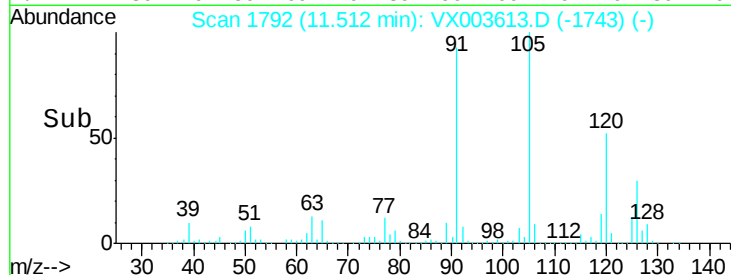
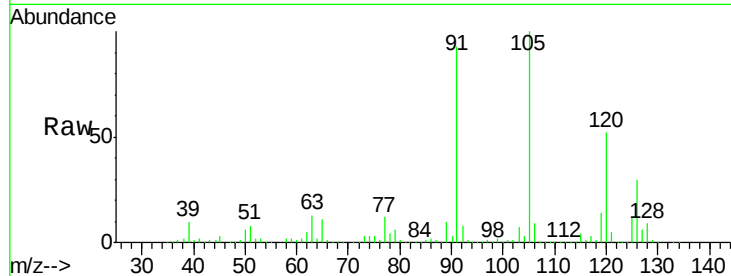
126 32.9 15.4 46.4

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#83

tert-Butylbenzene

Concen: 52.27 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

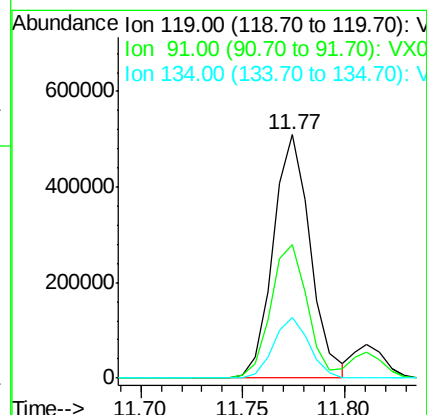
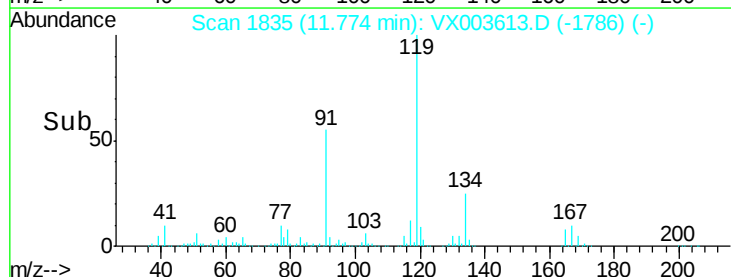
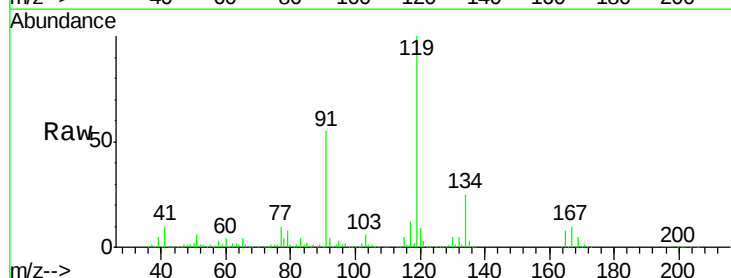
Tgt Ion: 119 Resp: 647663

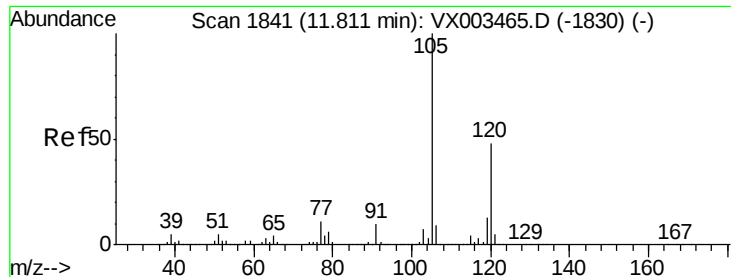
Ion Ratio Lower Upper

119 100

91 54.9 30.3 90.9

134 23.9 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 51.96 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MS

Tot Ion:105 Resp: 668922

Ion Ratio Lower Upper

105 100

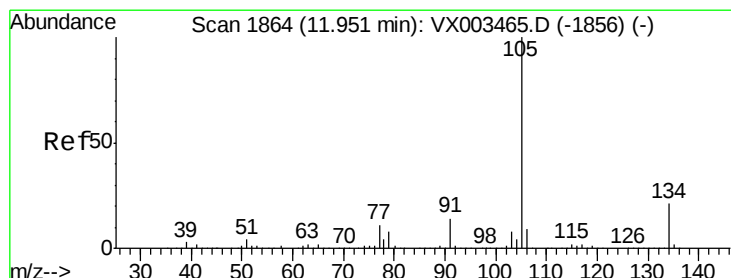
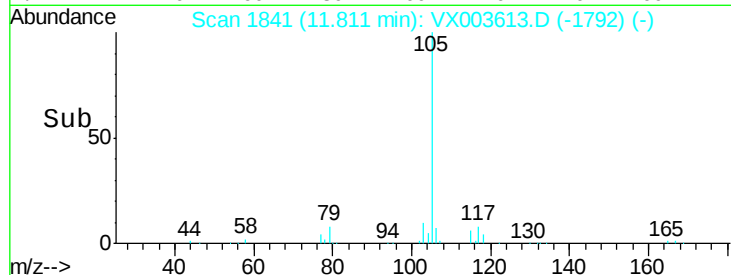
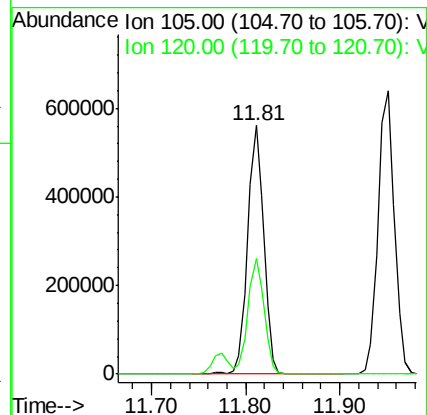
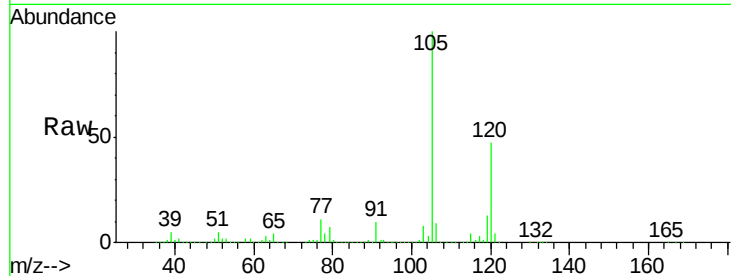
120 46.8 22.3 66.8

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#85

sec-Butylbenzene

Concen: 51.24 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003613.D

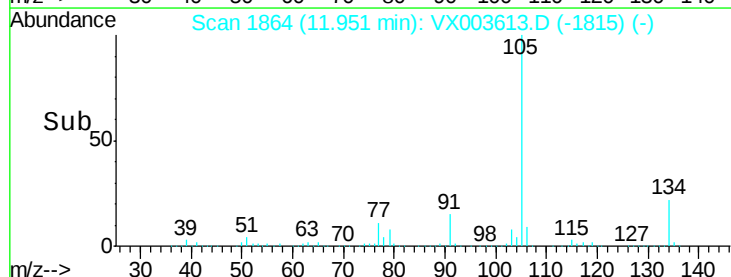
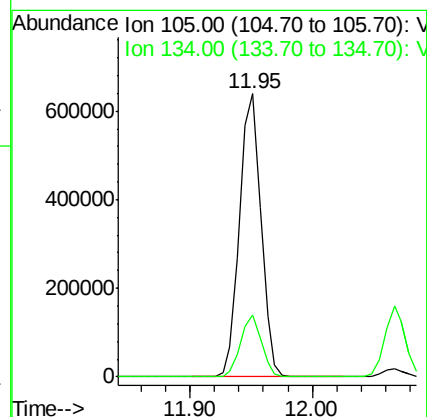
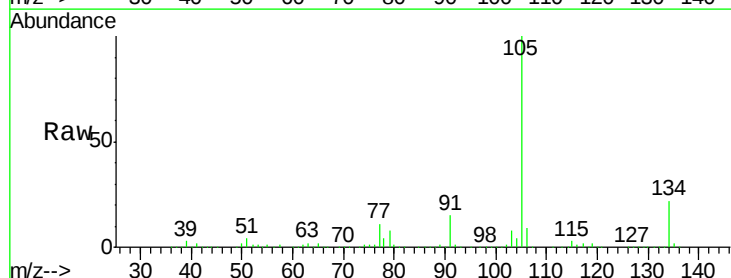
Acq: 23 Jul 2018 19:10

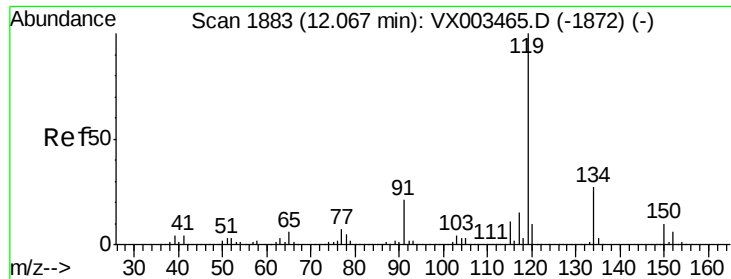
Tgt Ion:105 Resp: 771064

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.1





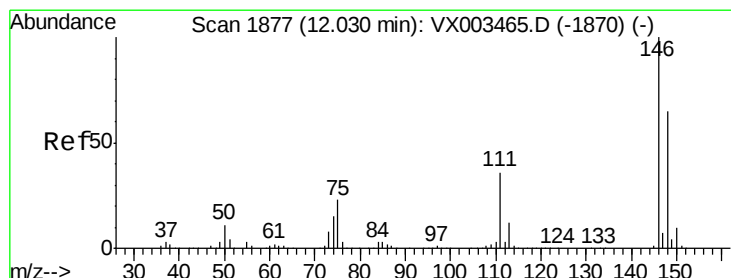
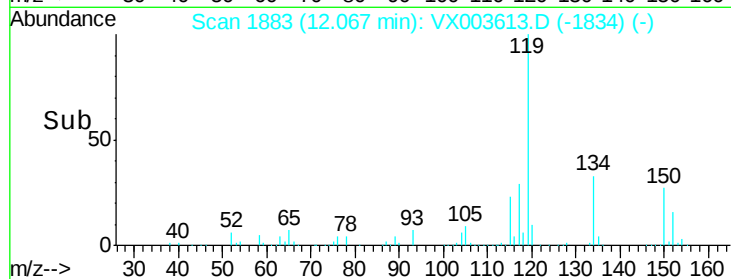
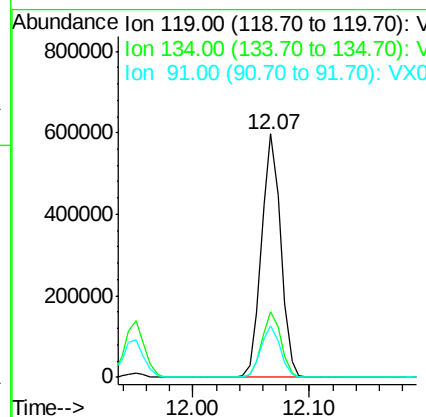
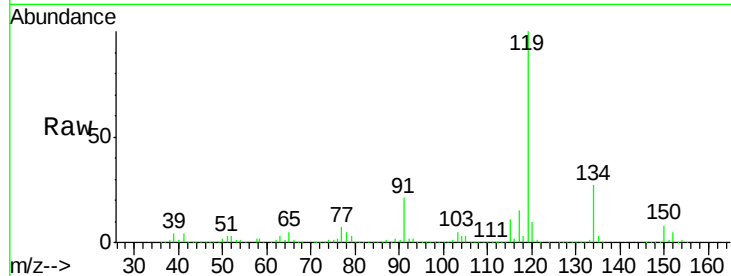
#86
p-Isopropyltoluene
Concen: 51.32 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	693076		
134	27.0		13.4	40.1
91	21.3		11.9	35.7

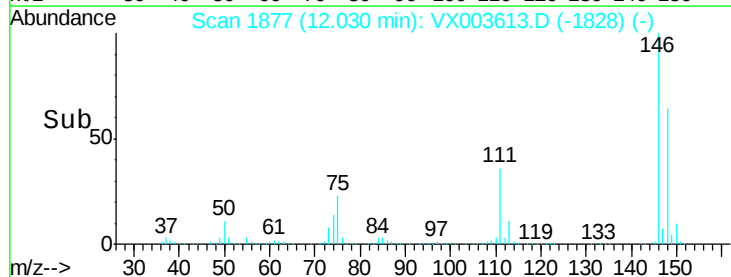
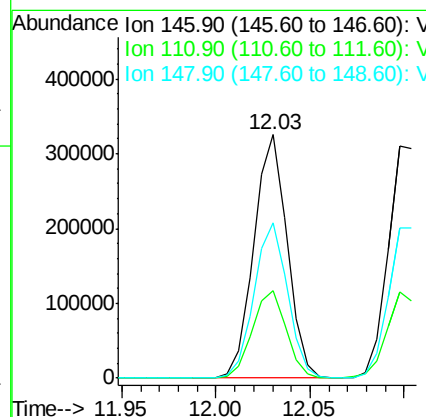
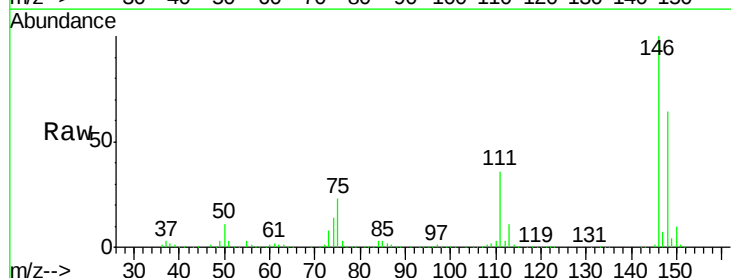
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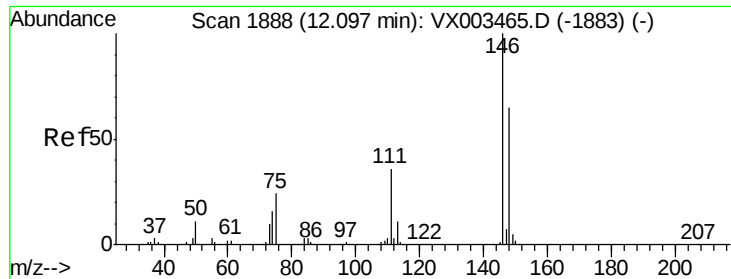
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 49.10 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	399647		
111	36.4		18.9	56.7
148	64.0		32.1	96.3





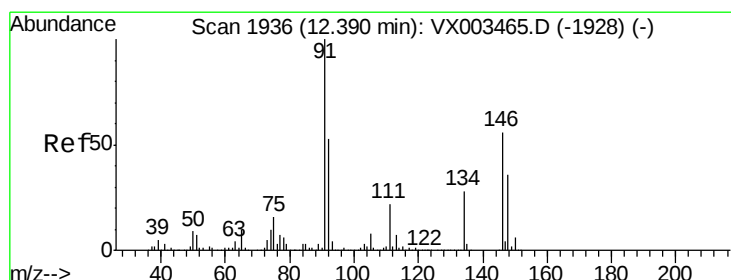
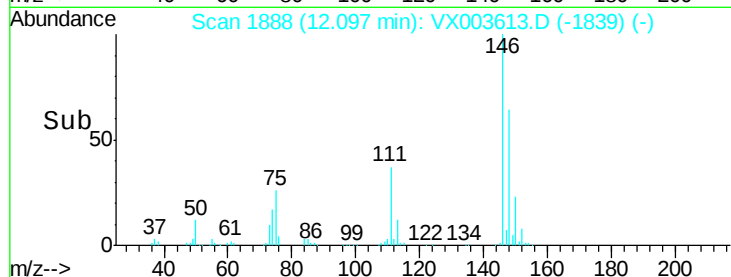
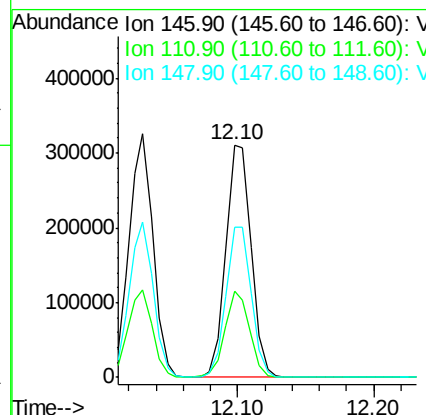
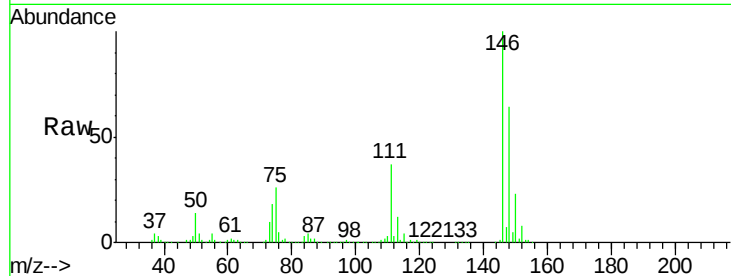
#88
 1,4-Dichlorobenzene
 Concen: 47.74 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampled :
 YT-MW-7MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.7	56.1
148	64.6	32.4	97.0

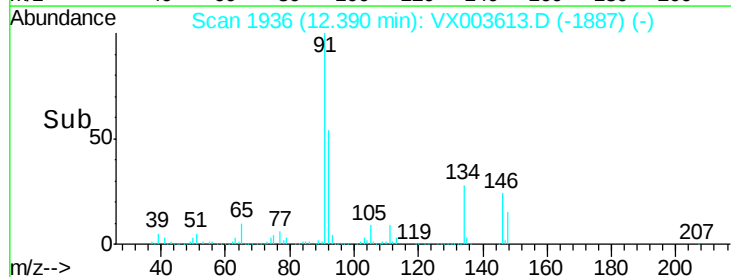
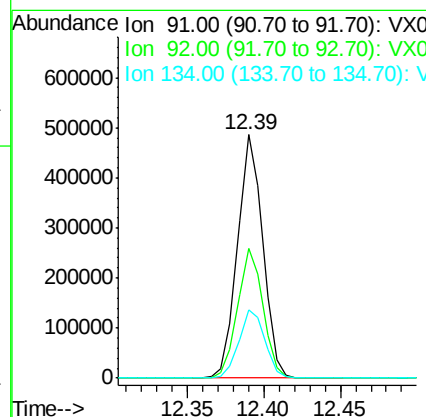
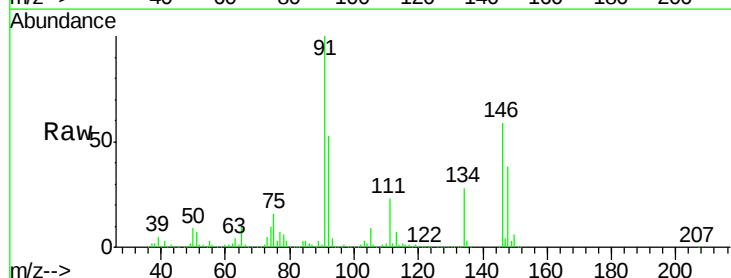
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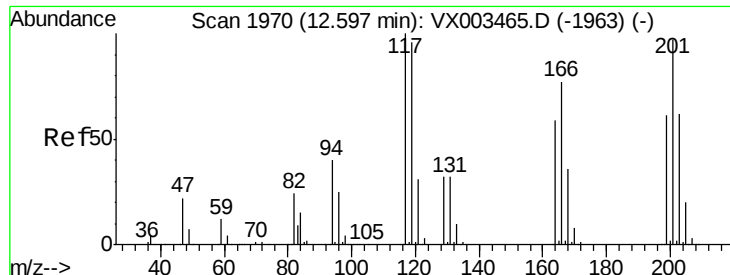
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#89
 n-Butylbenzene
 Concen: 48.69 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.0	78.0
134	28.8	13.5	40.5





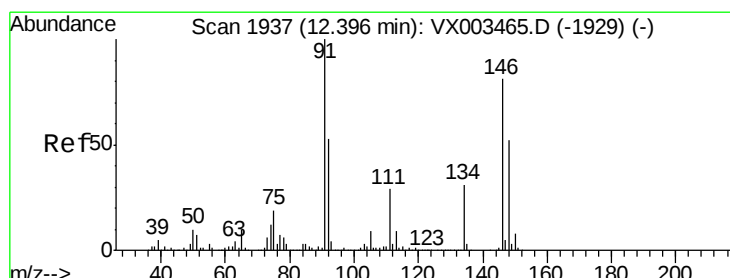
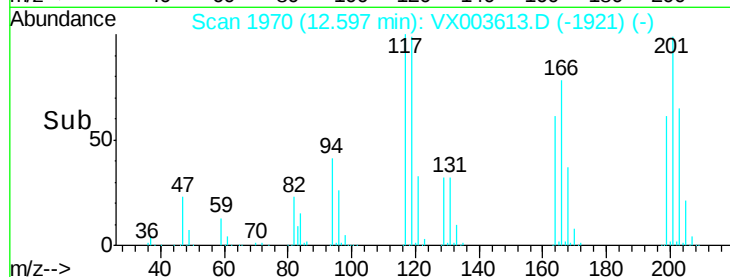
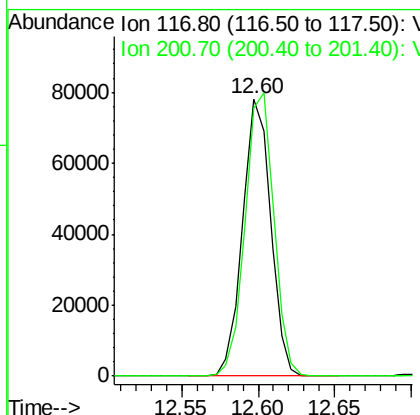
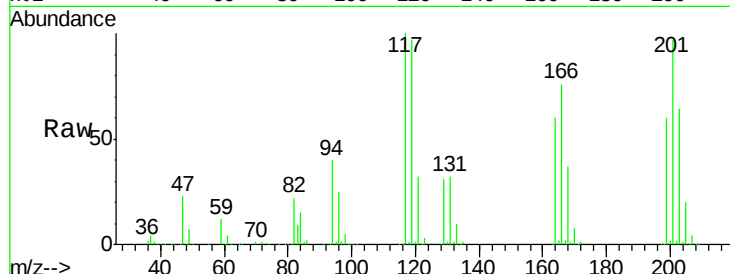
#90
Hexachloroethane
Concen: 51.96 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MS

Tot Ion:117 Resp: 99751
Ion Ratio Lower Upper
117 100
201 104.5 49.0 147.0

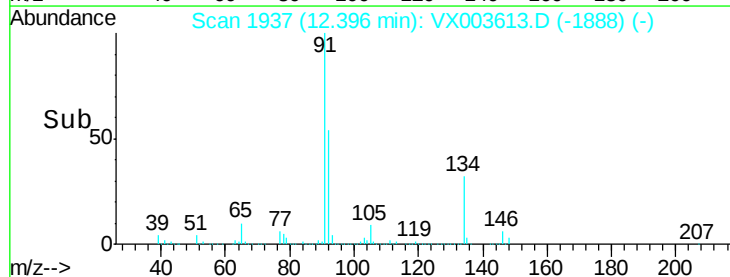
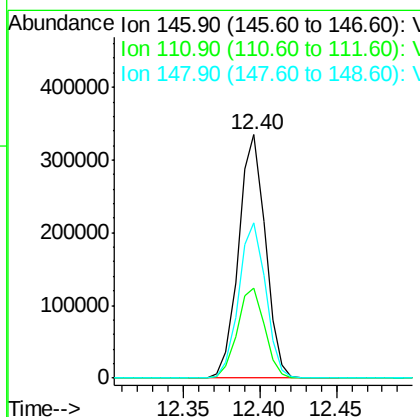
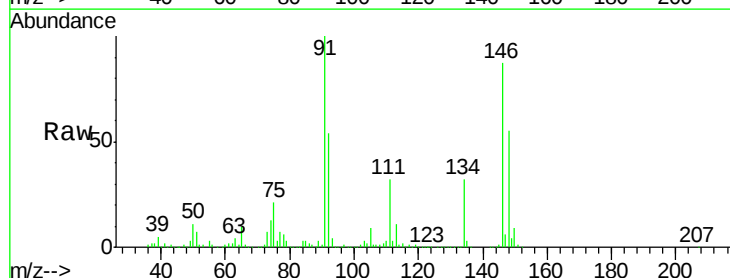
Manual Integrations
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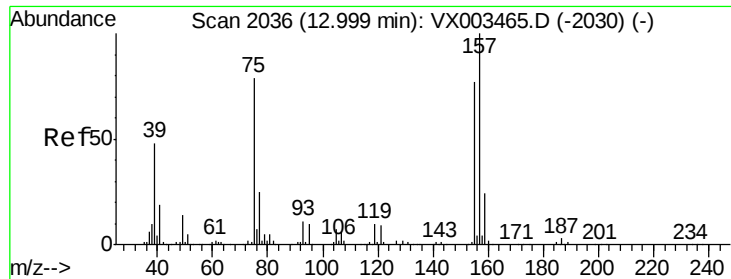
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 50.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003613.D
Acq: 23 Jul 2018 19:10

Tgt Ion:146 Resp: 407096
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.1
148 64.1 31.7 95.1





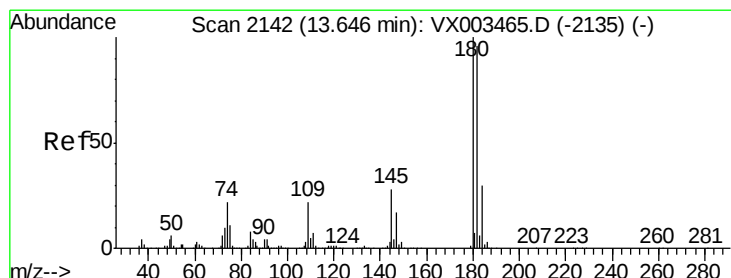
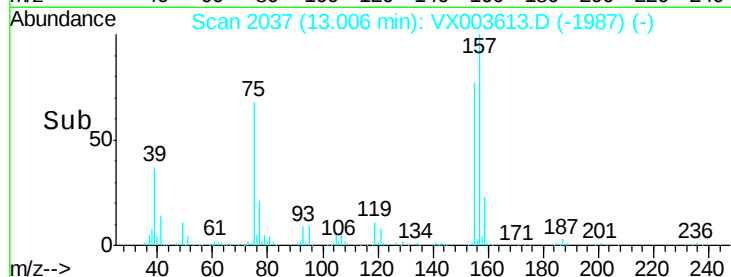
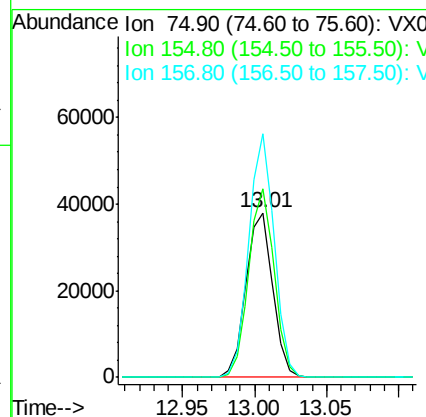
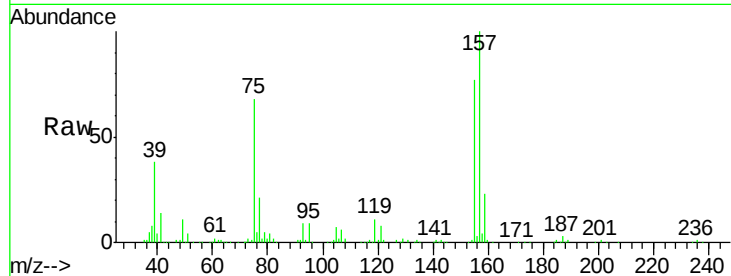
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.61 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion: 75 Resp: 48820
 Ion Ratio Lower Upper
 75 100
 155 109.3 45.8 137.4
 157 140.2 60.1 180.3

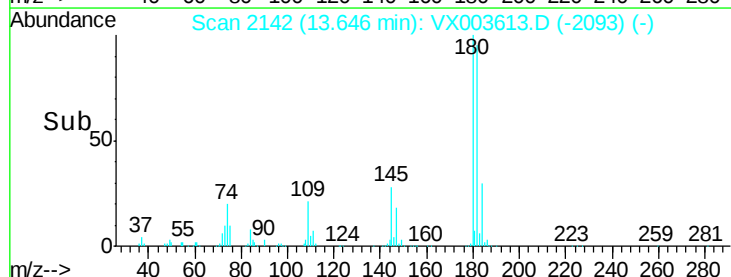
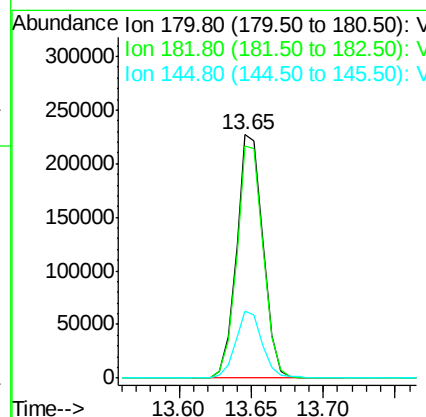
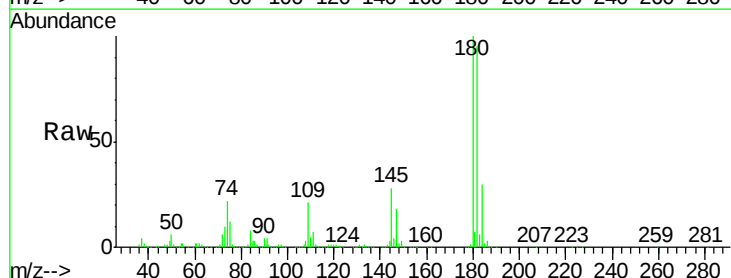
Manual Integrations
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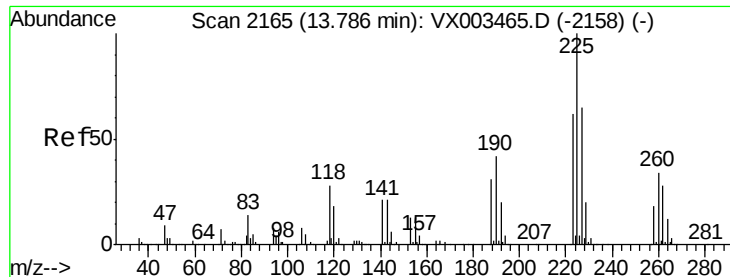
MMDadoda
 7/24/2018 12:37:33 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.44 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Tgt Ion: 180 Resp: 290649
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.1 14.1 42.4





#94

Hexachlorobutadiene

Concen: 48.24 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003613.D

Acq: 23 Jul 2018 19:10

Instrument :

MSVOA_X

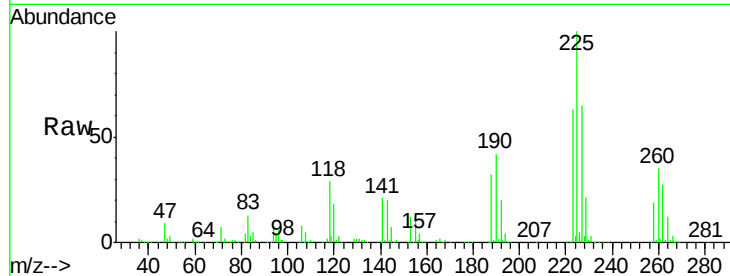
ClientSampleId :

YT-MW-7MS

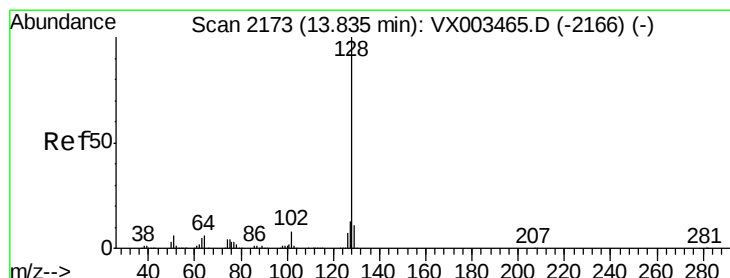
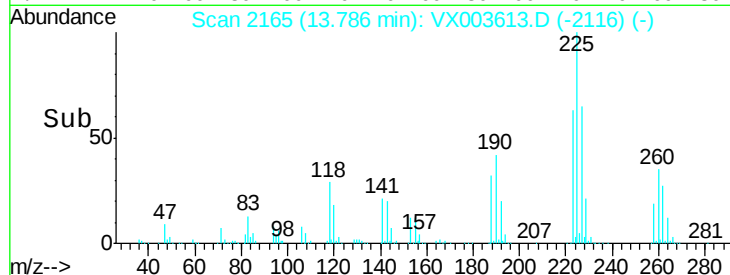
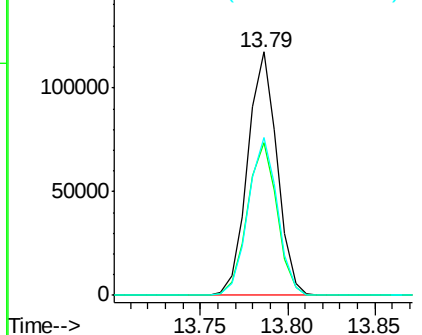
Tot Ion:	225	Resp:	136380
Ion Ratio		Lower	Upper
225	100		
223	63.4	31.6	95.0
227	64.7	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
7/24/2018 12:37:33 PM



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: 54.68 ug/l

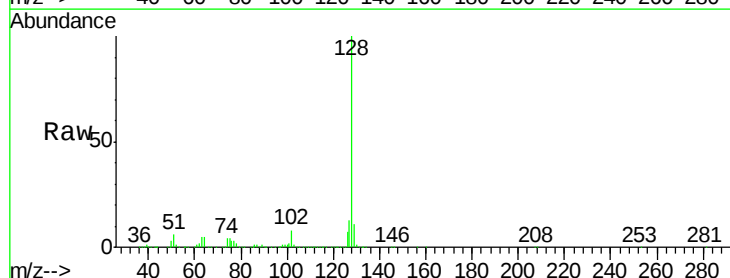
RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

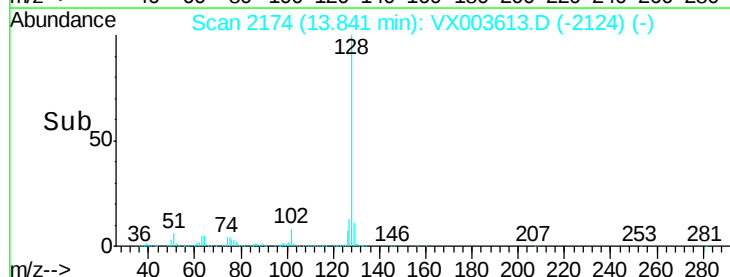
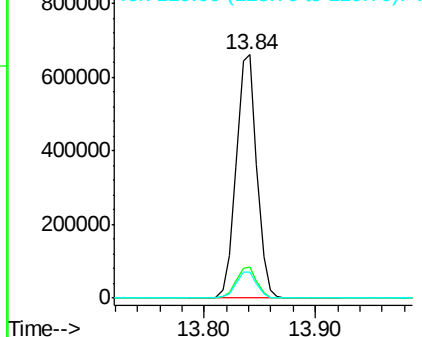
Lab File: VX003613.D

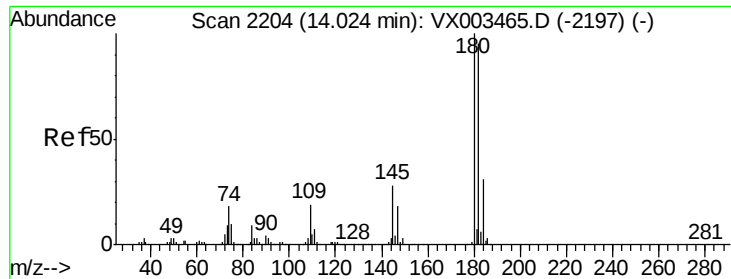
Acq: 23 Jul 2018 19:10

Tgt Ion:	128	Resp:	844671
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	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: 51.30 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003613.D
 Acq: 23 Jul 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	48.0	144.0
145	29.8	14.8	44.3

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