

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002218.D
 Acq On : 01 Jun 2018 18:09
 Operator : JC/MD
 Sample : VX0601WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:33 PM

Quant Time: Jun 02 03:42:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164402	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	5.51	113	122332	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
50) Toluene-d8	8.72	98	466754	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	174478	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	40356	15.053	ug/l	100
3) Chloromethane	1.32	50	51286	17.029	ug/l	97
4) Vinyl Chloride	1.40	62	54724	18.819	ug/l	97
5) Bromomethane	1.64	94	34276	25.128	ug/l	99
6) Chloroethane	1.73	64	36098	21.057	ug/l	98
7) Trichlorofluoromethane	1.93	101	94383	21.612	ug/l	98
8) Diethyl Ether	2.19	74	37404	23.606	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55612	22.821	ug/l	96
10) Methyl Iodide	2.51	142	61214	18.565	ug/l	97
11) Tert butyl alcohol	3.07	59	84320	122.770	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47201	20.688	ug/l	93
13) Acrolein	2.29	56	22433	75.544	ug/l	99
14) Allyl chloride	2.73	41	102157	21.331	ug/l	96
15) Acrylonitrile	3.15	53	166770	118.080	ug/l	99
16) Acetone	2.45	43	170175	126.024	ug/l	99
17) Carbon Disulfide	2.57	76	102152	15.557	ug/l	100
18) Methyl Acetate	2.78	43	86522	26.054	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	199020	23.193	ug/l	100
20) Methylene Chloride	2.86	84	57818	23.857	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	51900	22.497	ug/l	97
22) Diisopropyl ether	3.87	45	194436	19.960	ug/l	95
23) Vinyl Acetate	3.82	43	897921	111.173	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107196	23.165	ug/l	98
25) 2-Butanone	4.71	43	230468	93.121	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74572	15.921	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55002	18.487	ug/l	95
28) Bromochloromethane	5.03	49	47935	23.572	ug/l	99
29) Tetrahydrofuran	5.17	42	146604	91.046	ug/l	99
30) Chloroform	5.22	83	97581	18.717	ug/l	98
31) Cyclohexane	5.57	56	82898	17.195	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	82046	16.881	ug/l	98
36) 1,1-Dichloropropene	5.80	75	69107	18.240	ug/l	99
37) Ethyl Acetate	4.87	43	87212	17.657	ug/l	100
38) Carbon Tetrachloride	5.79	117	70053	15.856	ug/l	99

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Manual Integrations
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Quant Time: Jun 02 03:42:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86491	18.582	ug/l	96
40) Benzene	6.15	78	211151	19.023	ug/l	97
41) Methacrylonitrile	5.06	41	50957	18.697	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85752	19.341	ug/l	100
43) Isopropyl Acetate	6.47	43	146502	17.801	ug/l	99
44) Trichloroethene	7.21	130	59608	18.429	ug/l	95
45) 1,2-Dichloropropane	7.52	63	57901	19.208	ug/l	99
46) Dibromomethane	7.67	93	38099	19.090	ug/l	98
47) Bromodichloromethane	7.90	83	67073	15.762	ug/l	99
48) Methyl methacrylate	7.78	41	75049	17.917	ug/l	98
49) 1,4-Dioxane	7.76	88	27867	377.532	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	479849	96.720	ug/l	99
52) Toluene	8.79	92	135699	19.210	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	82109	16.753	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	74933	15.690	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56883	19.276	ug/l	98
56) Ethyl methacrylate	9.18	69	87644	17.267	ug/l	96
57) 1,3-Dichloropropane	9.38	76	95929	19.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	193868	86.175	ug/l	100
59) 2-Hexanone	9.50	43	366208	95.730	ug/l	98
60) Dibromochloromethane	9.59	129	53322	15.255	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58634	18.936	ug/l	100
64) Tetrachloroethene	9.34	164	68085	18.682	ug/l	98
65) Chlorobenzene	10.14	112	154800	19.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54416	16.733	ug/l	99
67) Ethyl Benzene	10.26	91	262460	18.758	ug/l	99
68) m/p-Xylenes	10.37	106	202622	37.883	ug/l	100
69) o-Xylene	10.70	106	100226	18.767	ug/l	99
70) Styrene	10.72	104	161641	18.250	ug/l	99
71) Bromoform	10.86	173	38811	12.586	ug/l #	97
73) Isopropylbenzene	11.02	105	272272	19.083	ug/l	99
74) N-amyl acetate	6.47	43	146502	17.760	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83012	20.527	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83239m	20.568	ug/l	
77) Bromobenzene	11.26	156	73435	19.399	ug/l	95
78) n-propylbenzene	11.37	91	306093	19.155	ug/l	99
79) 2-Chlorotoluene	11.43	91	183929	19.580	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	231126	18.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21214	12.599	ug/l #	83
82) 4-Chlorotoluene	11.51	91	213605	18.953	ug/l	99
83) tert-Butylbenzene	11.77	119	223271	18.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	235560	18.695	ug/l	100
85) sec-Butylbenzene	11.95	105	278922	19.392	ug/l	99
86) p-Isopropyltoluene	12.07	119	247098	19.199	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	132581	19.557	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	131928	19.465	ug/l	99
89) n-Butylbenzene	12.39	91	209679	19.227	ug/l	99
90) Hexachloroethane	12.60	117	33768	13.301	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	134980	19.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17235	13.587	ug/l	98

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MSVOA_X
ClientSampleId :
VX0601WBSD01

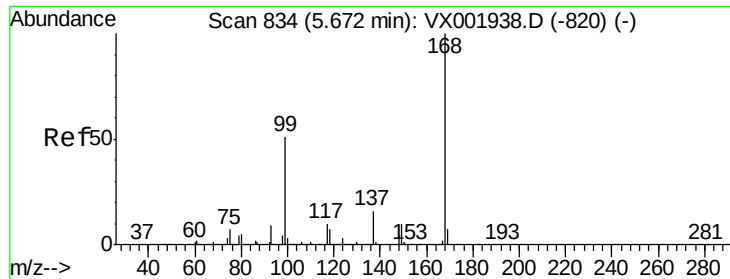
Manual Integrations
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6/4/2018 2:31:33 PM

Quant Time: Jun 02 03:42:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95657	19.367	ug/l	99
94) Hexachlorobutadiene	13.79	225	52470	19.749	ug/l	98
95) Naphthalene	13.84	128	285960	18.792	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99713	19.511	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion:168 Resp: 195743

Ion Ratio Lower Upper

168 100

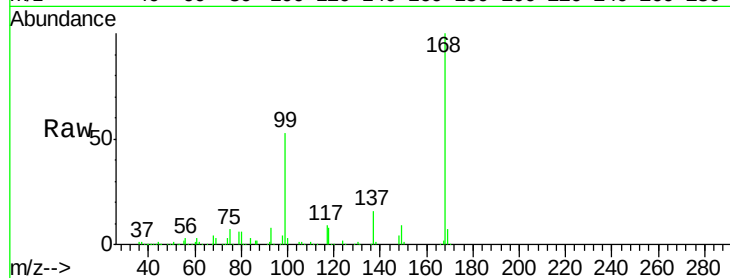
99 52.5 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

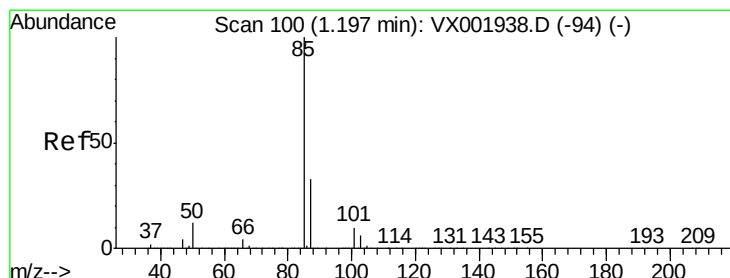
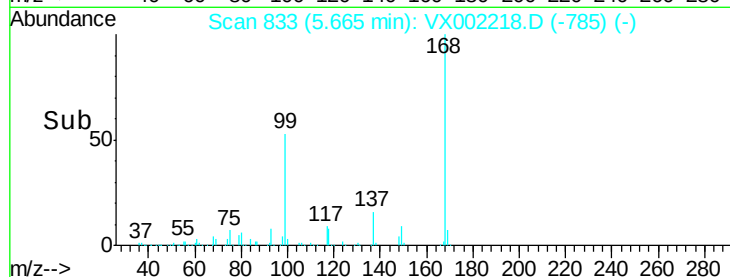
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 15.053 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002218.D

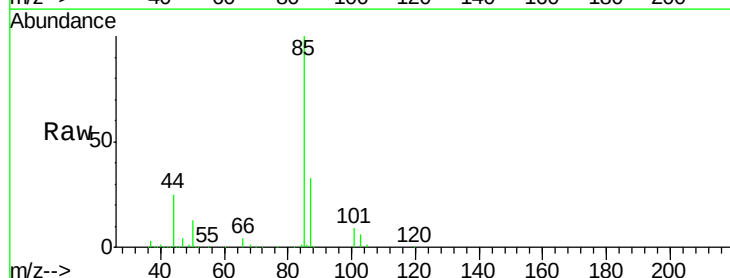
Acq: 01 Jun 2018 18:09

Tgt Ion: 85 Resp: 40356

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

20000

10000

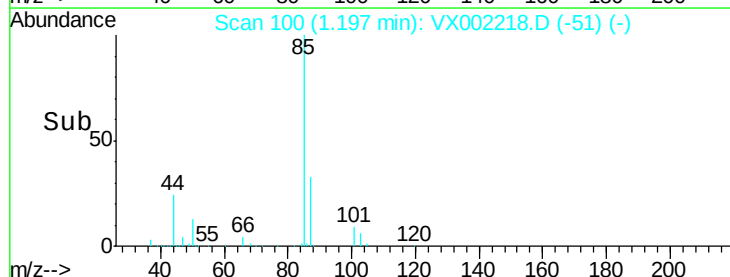
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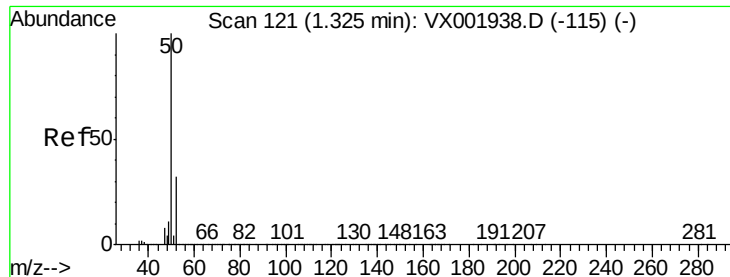
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 17.029 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 50 Resp: 51286

Ion Ratio Lower Upper

50 100

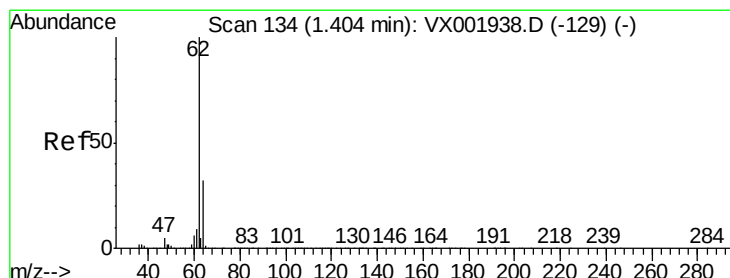
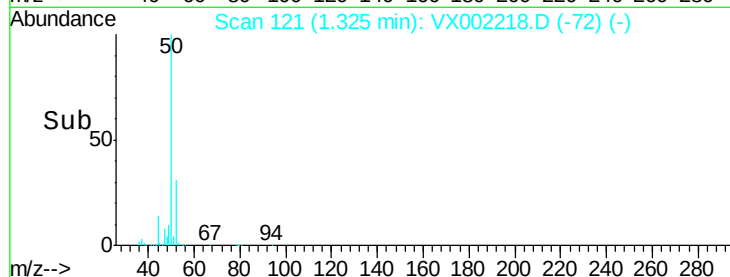
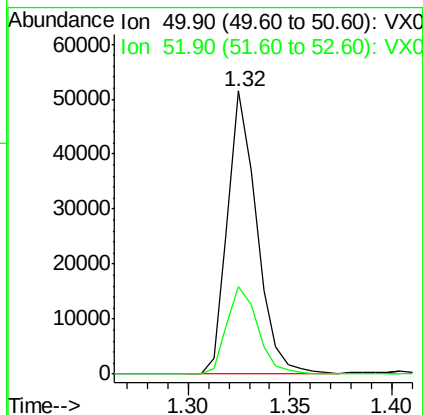
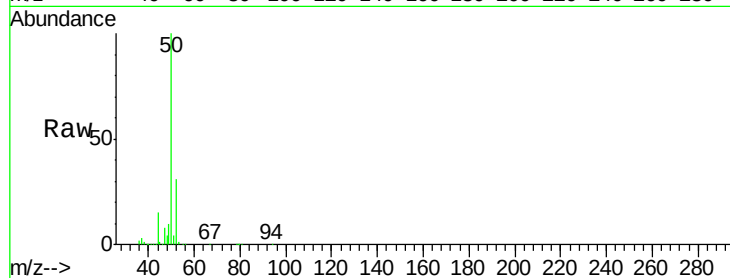
52 30.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.819 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002218.D

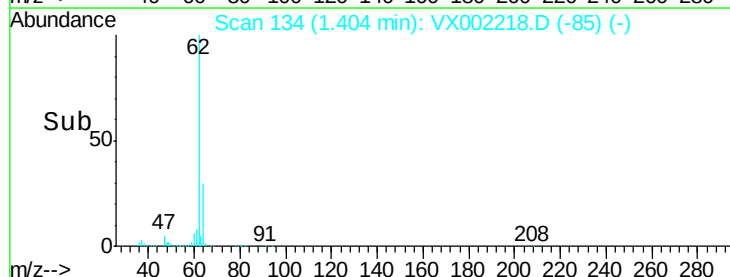
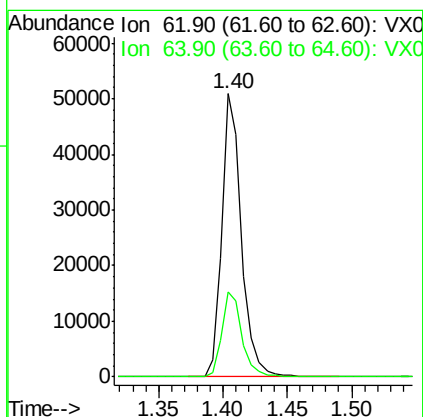
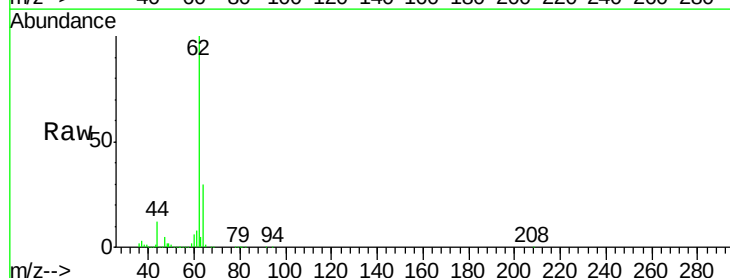
Acq: 01 Jun 2018 18:09

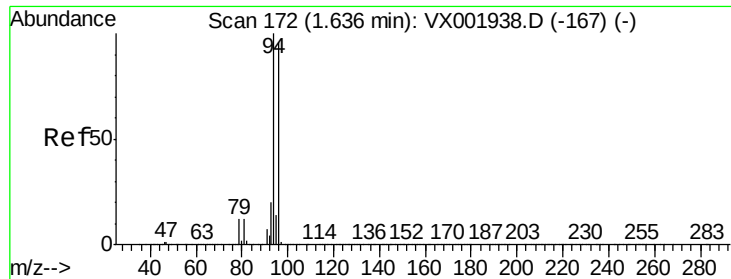
Tgt Ion: 62 Resp: 54724

Ion Ratio Lower Upper

62 100

64 30.0 25.4 38.0





#5

Bromomethane

Concen: 25.128 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 94 Resp: 34276

Ion Ratio Lower Upper

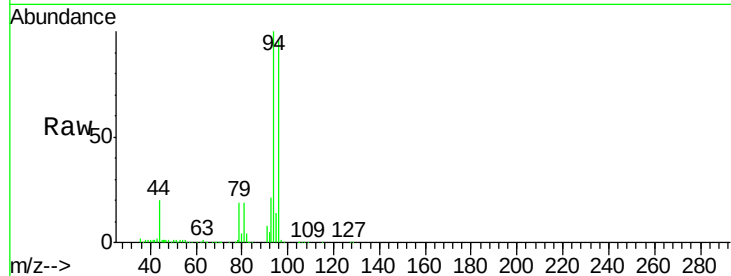
94 100

96 96.1 75.9 113.9

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

30000

25000

20000

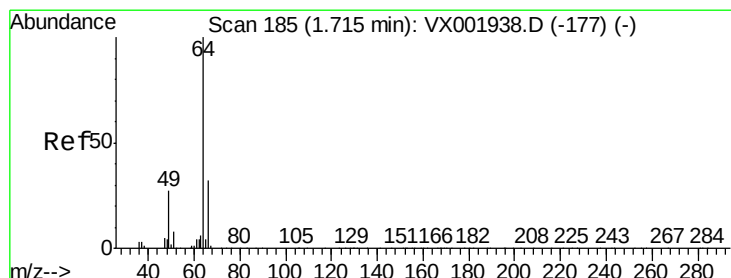
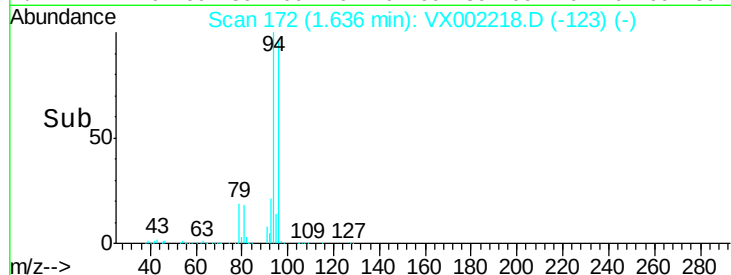
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.057 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002218.D

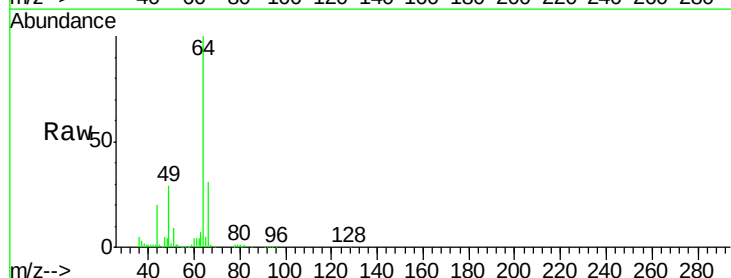
Acq: 01 Jun 2018 18:09

Tgt Ion: 64 Resp: 36098

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

25000

20000

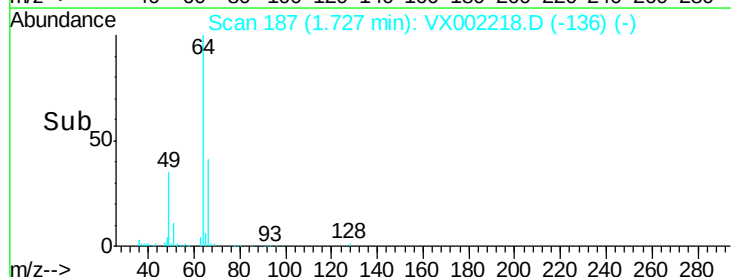
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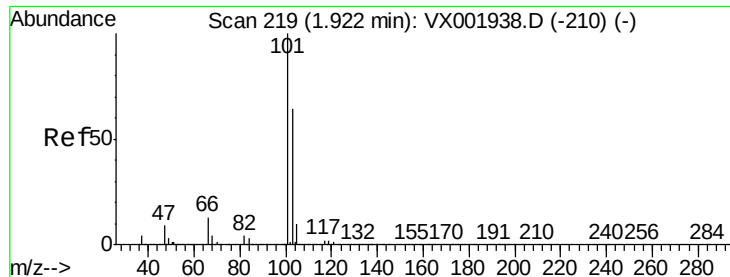
10000

5000

0

Time-->





#7

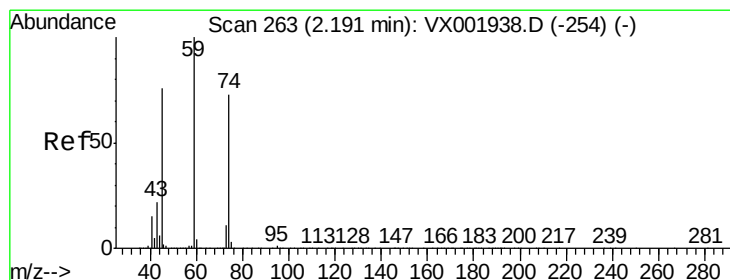
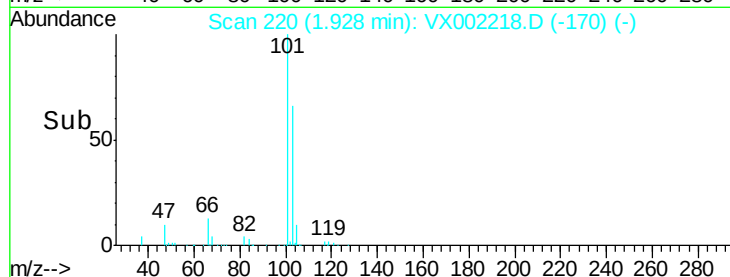
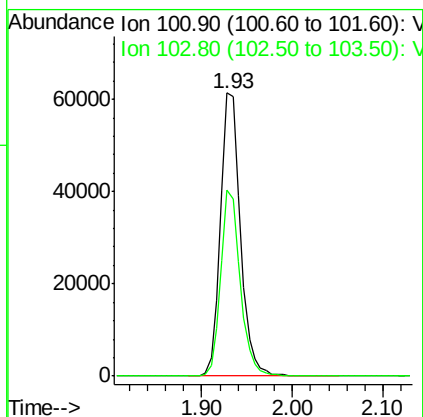
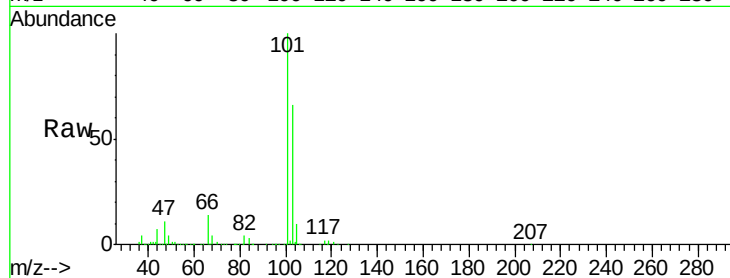
Trichlorofluoromethane
Concen: 21.612 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
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ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.4	77.0

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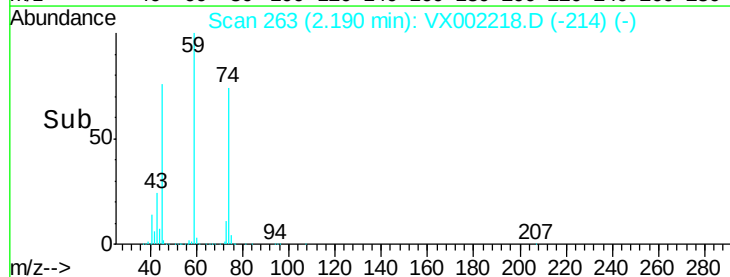
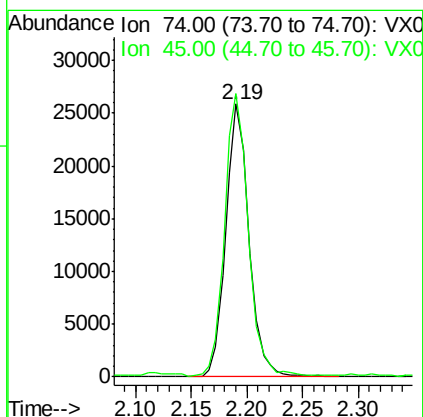
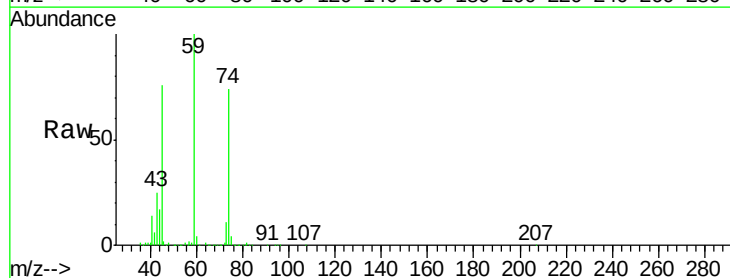
MMDadoda
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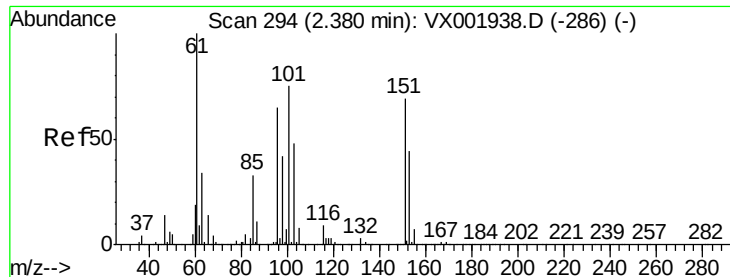


#8

Diethyl Ether
Concen: 23.606 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.821 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

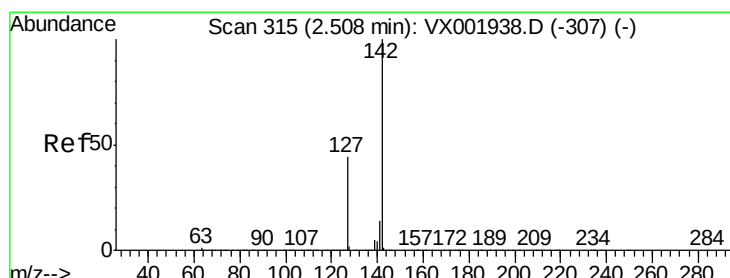
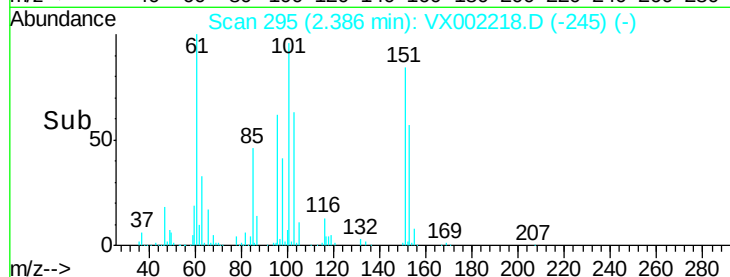
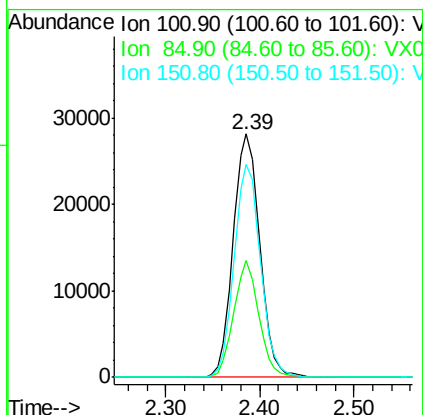
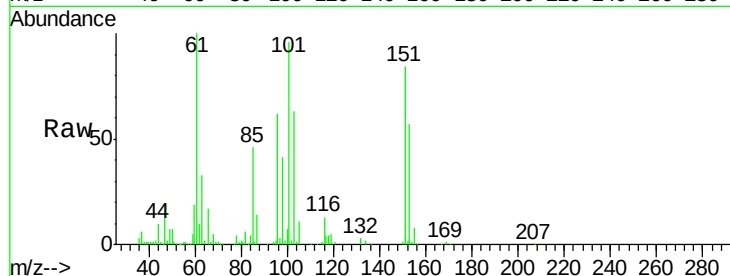
ClientSampleId :

VX0601WBSD01

Tgt Ion:	101	Resp:	55612
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.6	53.4
151	86.4	73.2	109.8

Manual Integrations
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6/4/2018 2:31:33 PM



#10

Methyl Iodide

Concen: 18.565 ug/l

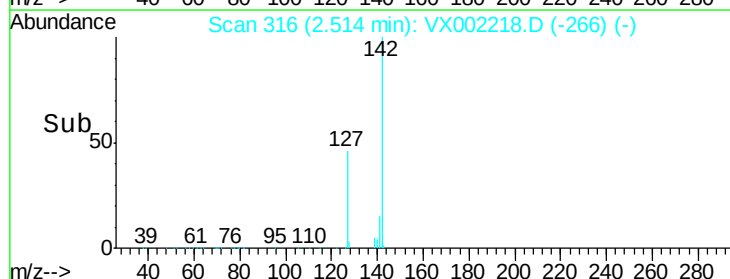
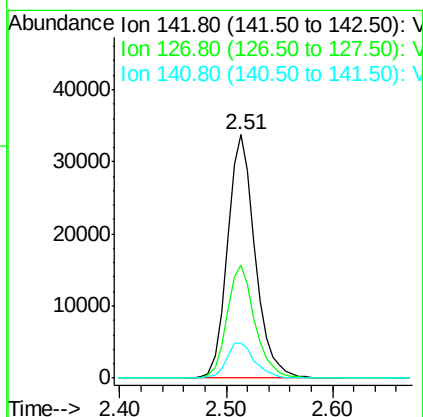
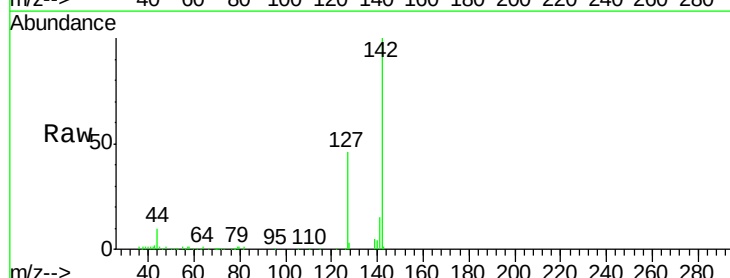
RT: 2.51 min Scan# 316

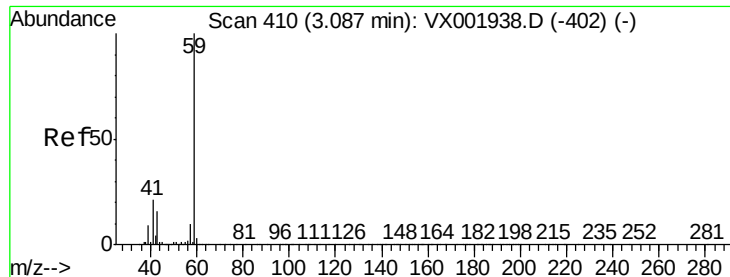
Delta R.T. 0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	142	Resp:	61214
Ion Ratio	Lower	Upper	
142	100		
127	46.9	35.5	53.3
141	14.9	11.3	16.9





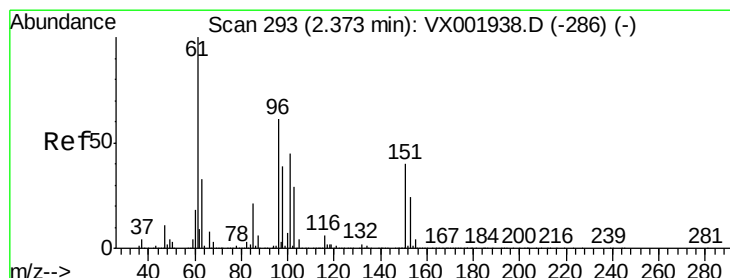
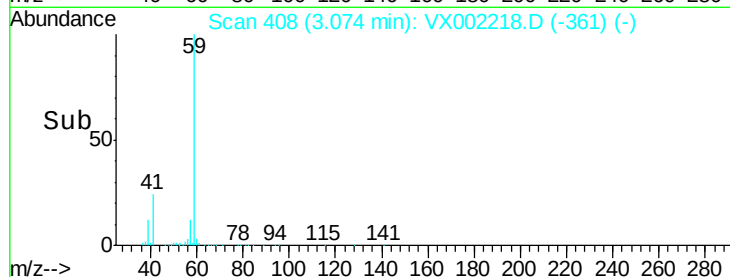
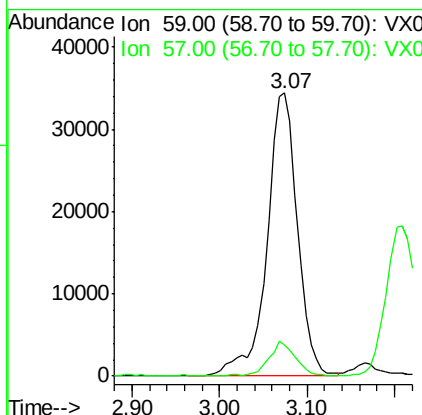
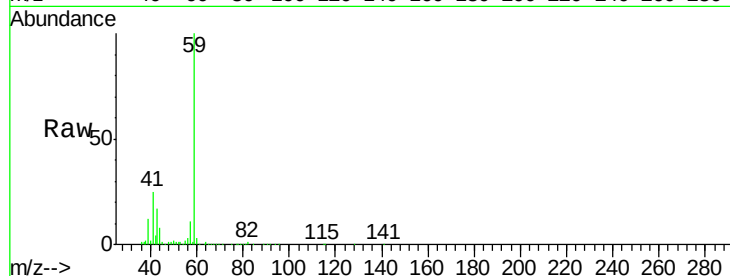
#11
Tert butyl alcohol
Concen: 122.770 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.9	13.3

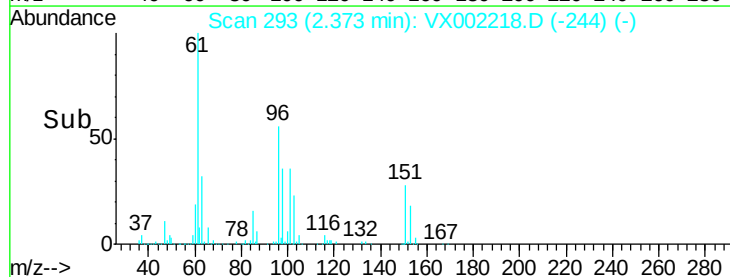
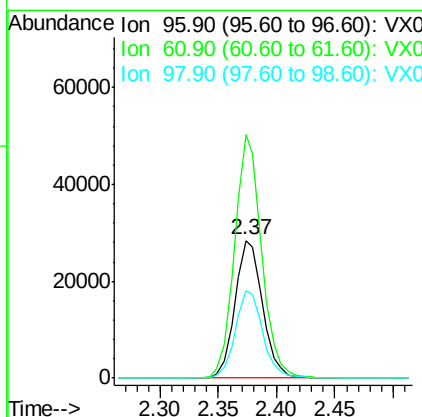
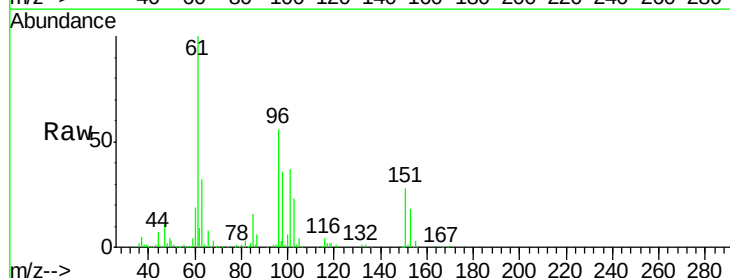
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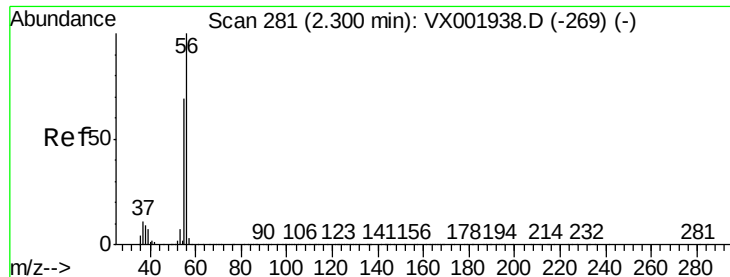
MMDadoda
6/4/2018 2:31:33 PM



#12
1,1-Dichloroethene
Concen: 20.688 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.1	131.7	197.5
98	63.3	51.6	77.4





#13

Acrolein

Concen: 75.544 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 56 Resp: 22433

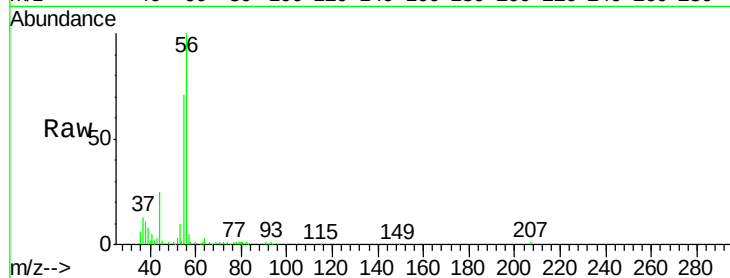
Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

15000

10000

5000

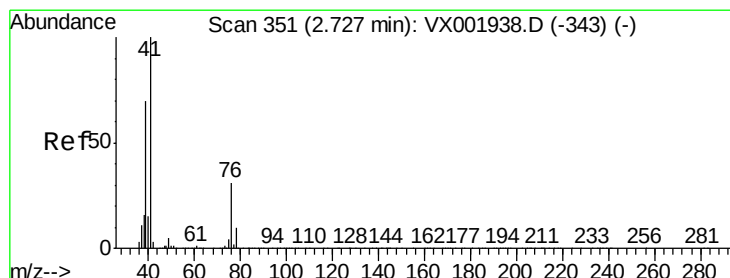
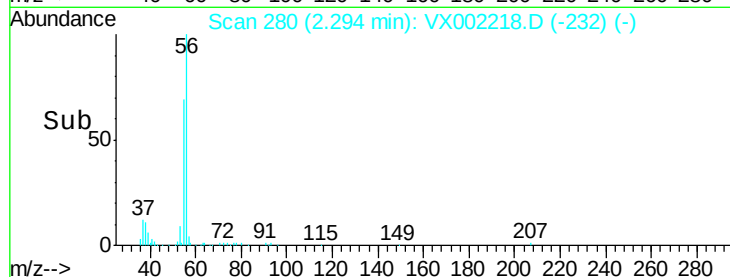
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 21.331 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

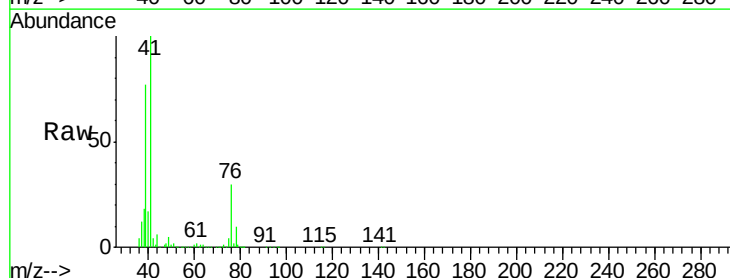
Tgt Ion: 41 Resp: 102157

Ion Ratio Lower Upper

41 100

39 71.2 54.3 81.5

76 28.4 24.2 36.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

60000

40000

20000

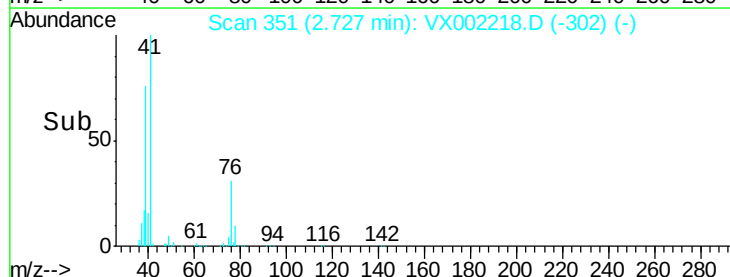
0

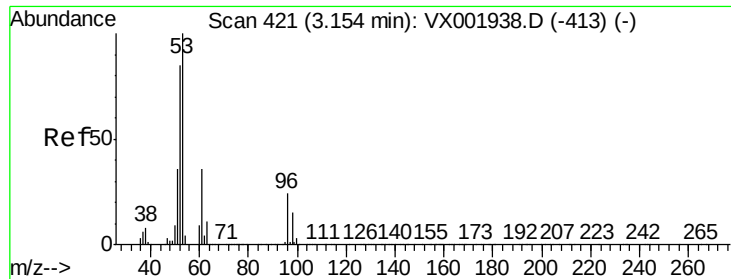
Time-->

2.60

2.70

2.80





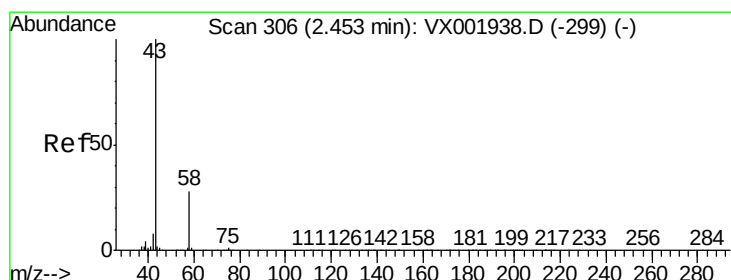
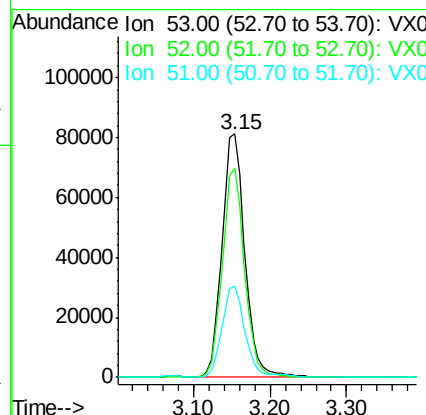
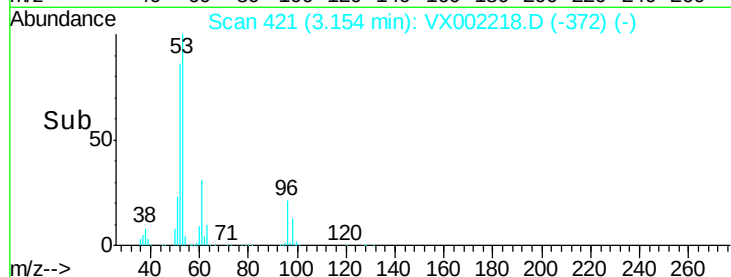
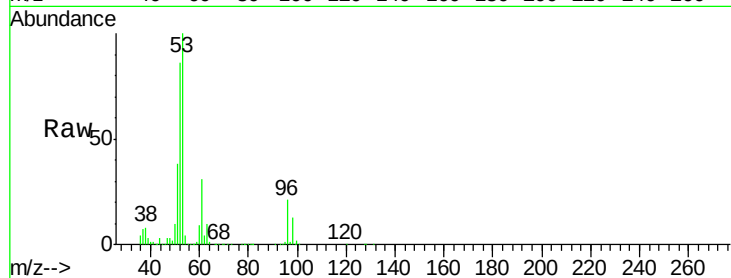
#15
Acrylonitrile
Concen: 118.080 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion:	53	Resp:	166770
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.4	99.6
51	38.2	29.3	43.9

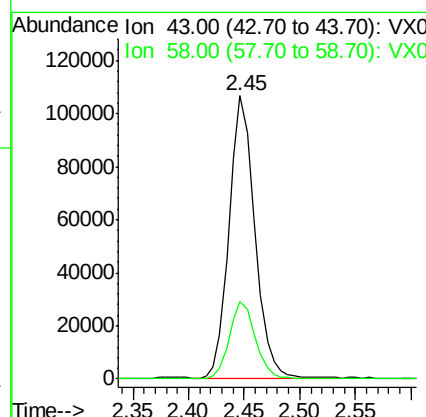
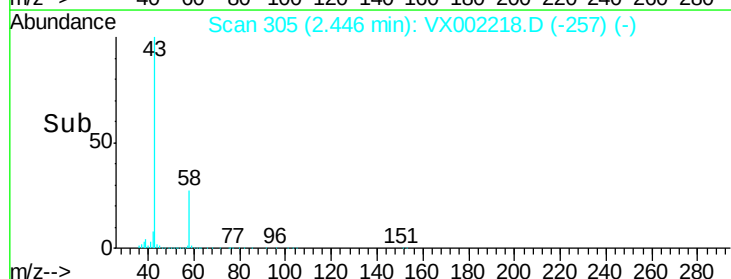
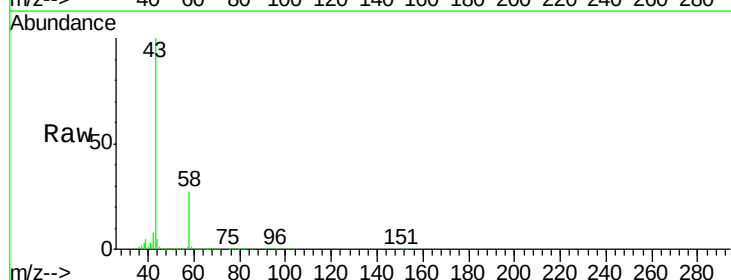
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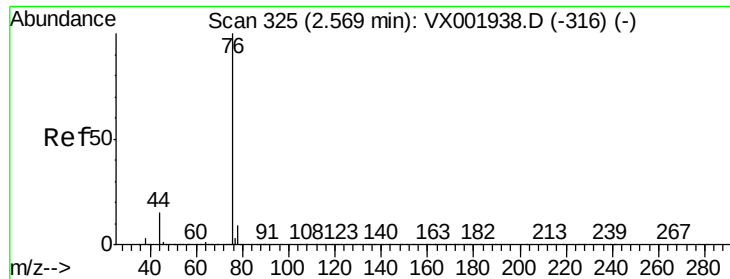
MMDadoda
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#16
Acetone
Concen: 126.024 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion:	43	Resp:	170175
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5





#17

Carbon Disulfide

Concen: 15.557 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002218.D

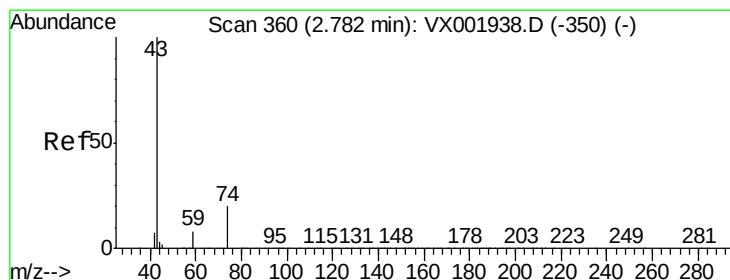
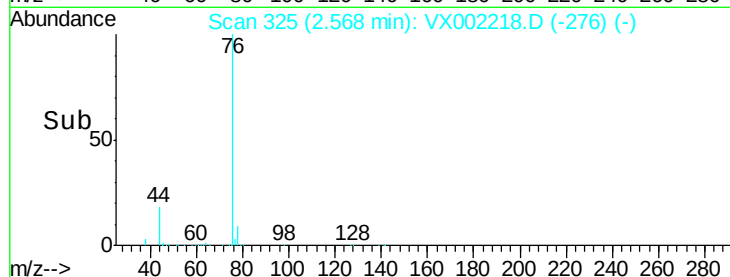
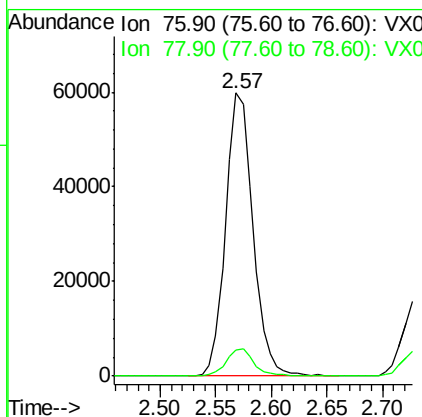
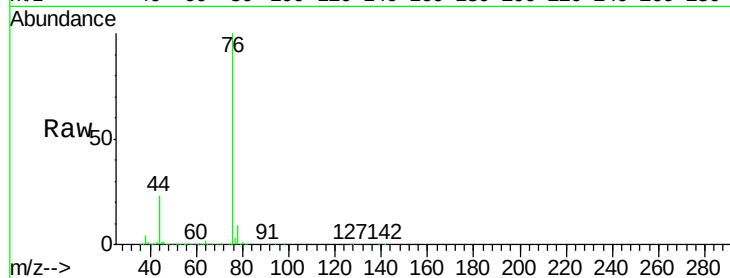
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Manual Integrations
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#18

Methyl Acetate

Concen: 26.054 ug/l

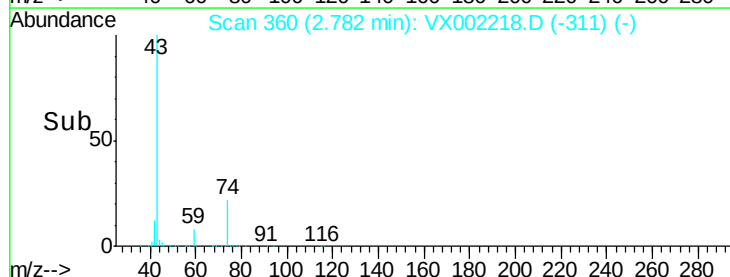
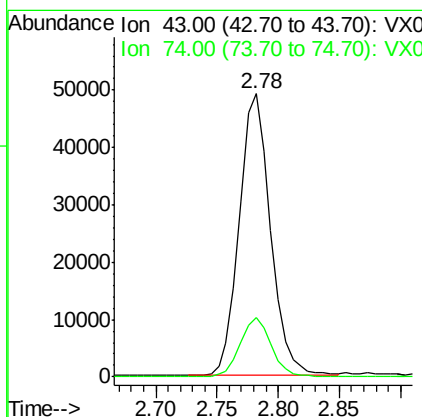
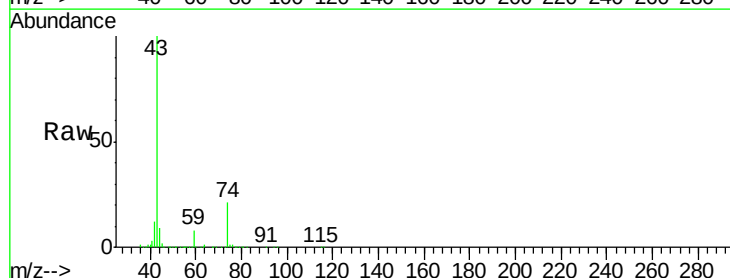
RT: 2.78 min Scan# 360

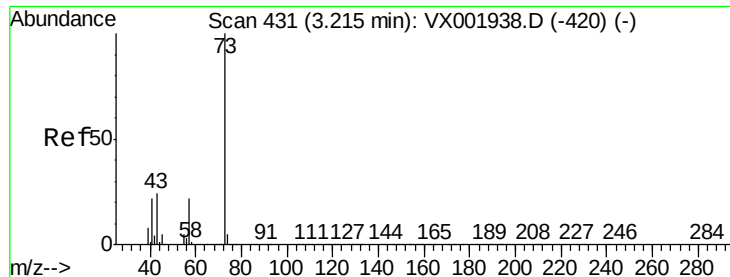
Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.8	25.2





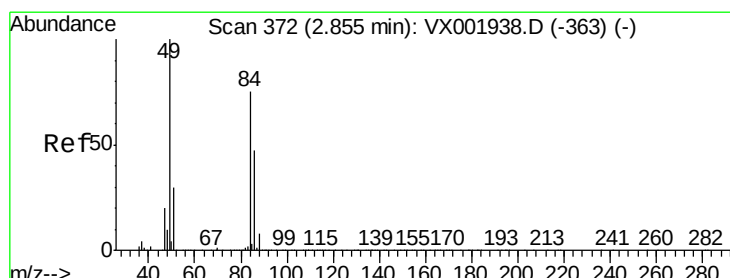
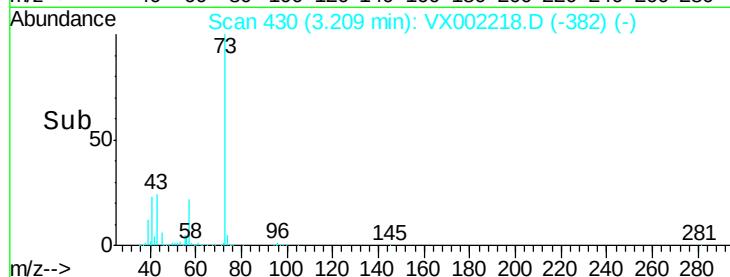
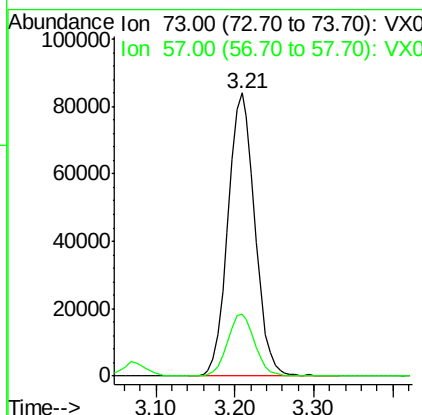
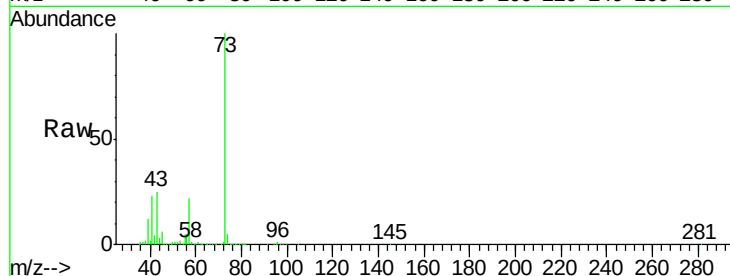
#19
Methyl tert-butyl Ether
Concen: 23.193 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion: 73 Resp: 199020
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

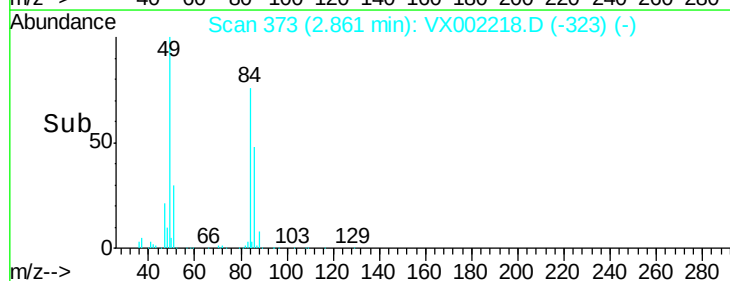
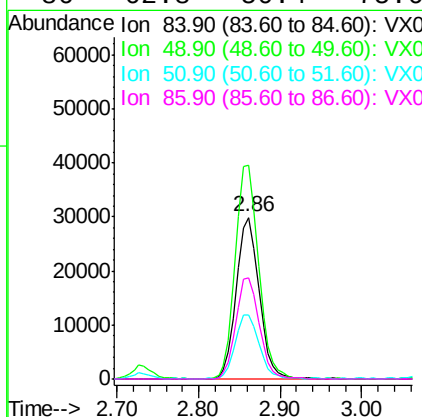
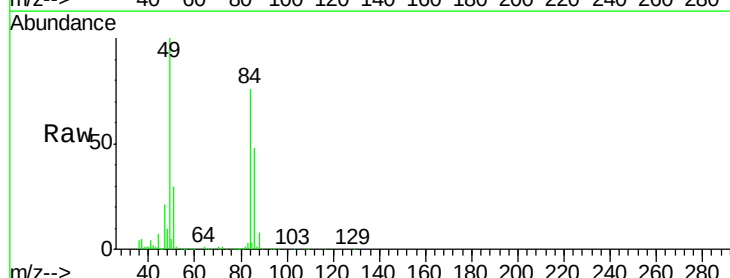
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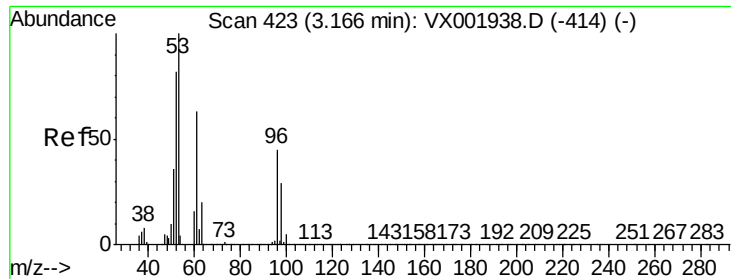
MMDadoda
6/4/2018 2:31:33 PM



#20
Methylene Chloride
Concen: 23.857 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 84 Resp: 57818
Ion Ratio Lower Upper
84 100
49 131.8 107.2 160.8
51 39.2 32.4 48.6
86 62.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.497 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

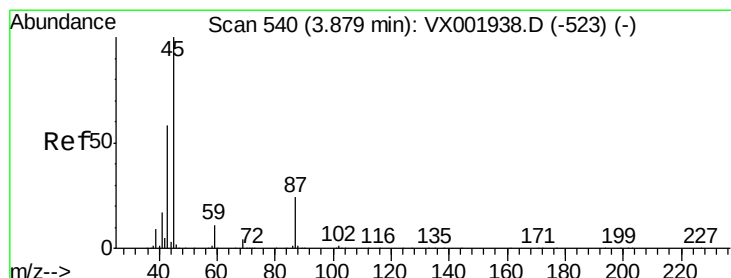
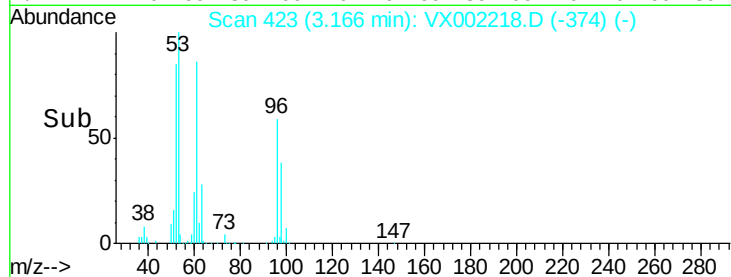
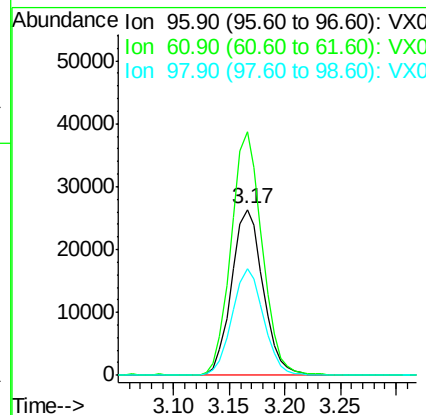
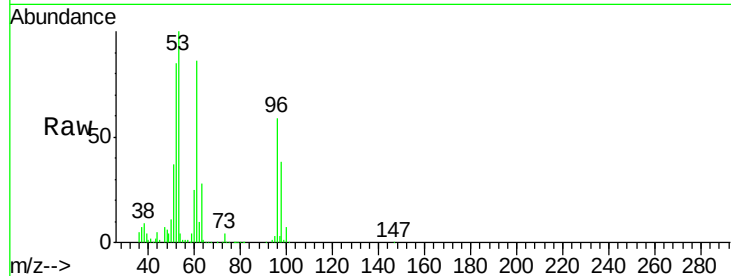
ClientSampleId :

VX0601WBSD01

Tgt Ion:	96	Resp:	51900
Ion	Ratio	Lower	Upper
96	100		
61	146.3	113.3	169.9
98	64.3	51.7	77.5

Manual Integrations
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6/4/2018 2:31:33 PM



#22

Diisopropyl ether

Concen: 19.960 ug/l

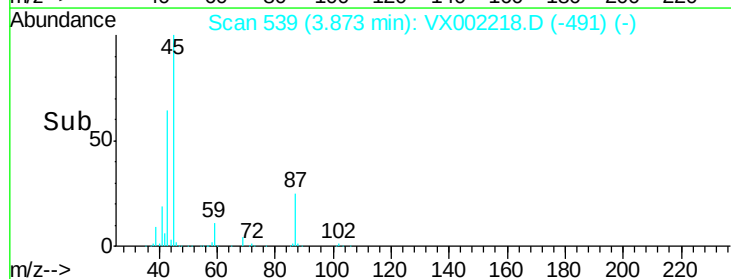
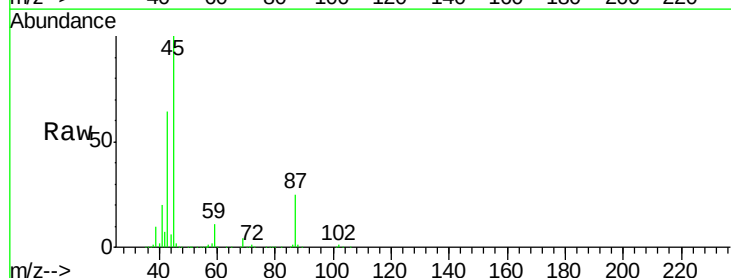
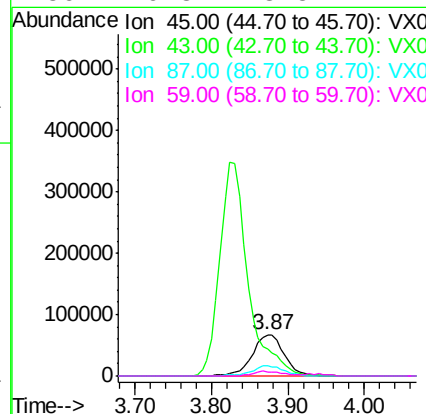
RT: 3.87 min Scan# 539

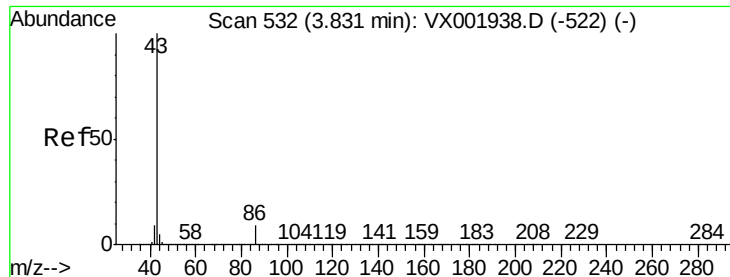
Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	45	Resp:	194436
Ion	Ratio	Lower	Upper
45	100		
43	63.6	47.0	70.6
87	25.3	19.4	29.0
59	10.8	8.5	12.7





#23

Vinyl Acetate

Concen: 111.173 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 43 Resp: 897921

Ion Ratio Lower Upper

43 100

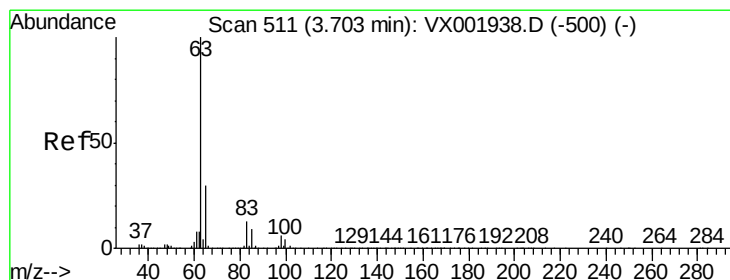
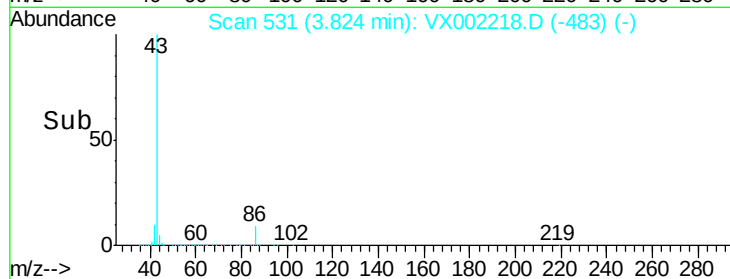
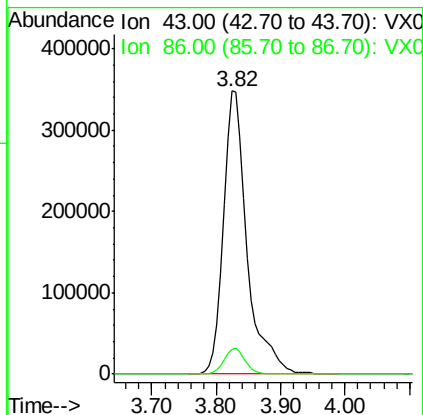
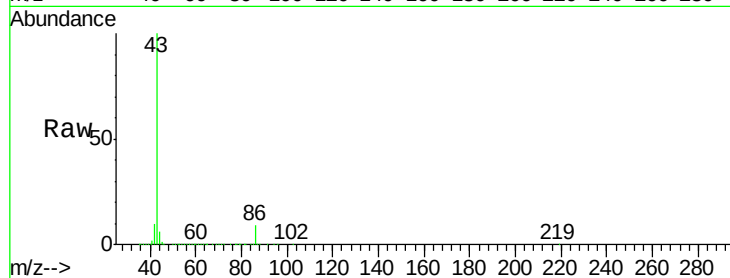
86 8.9 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 23.165 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

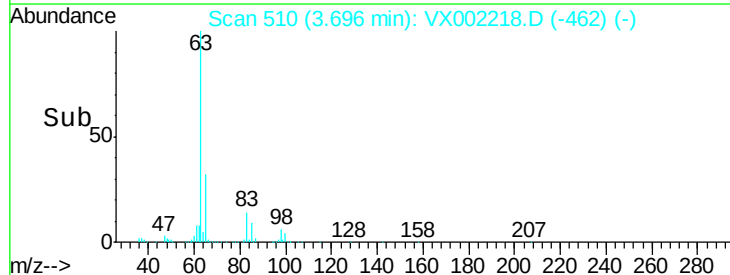
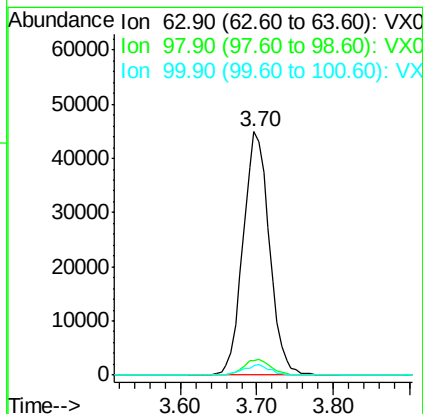
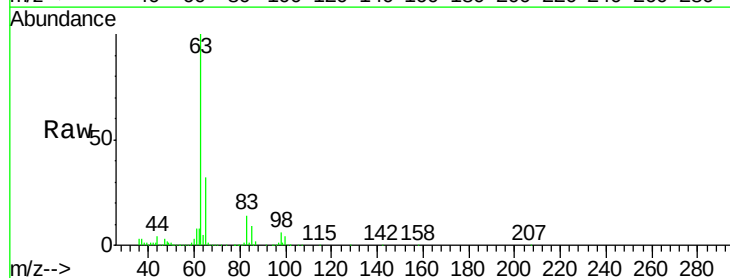
Tgt Ion: 63 Resp: 107196

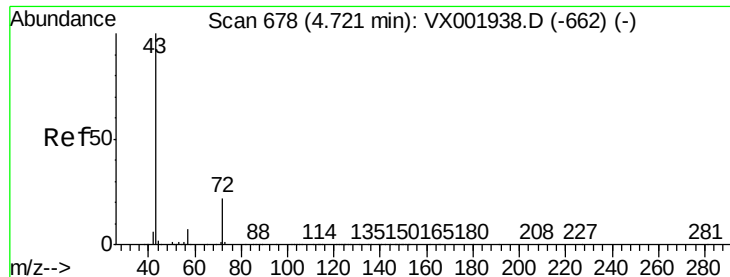
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 93.121 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 43 Resp: 230468

Ion Ratio Lower Upper

43 100

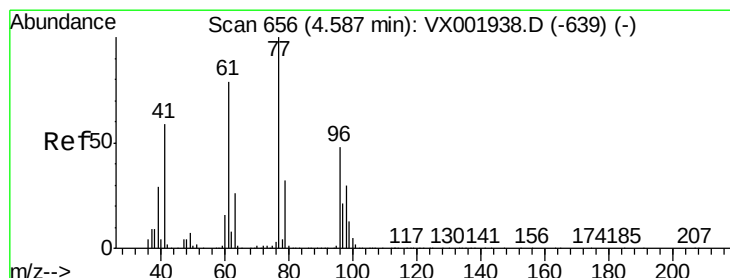
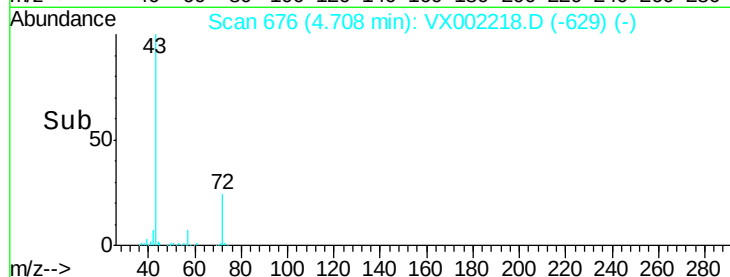
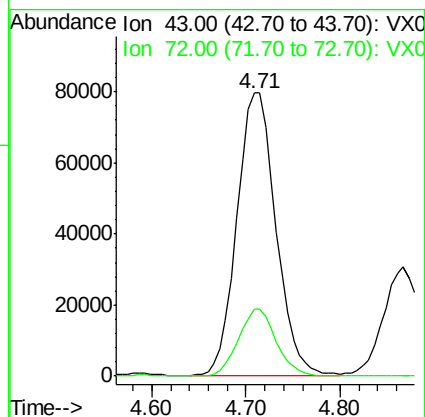
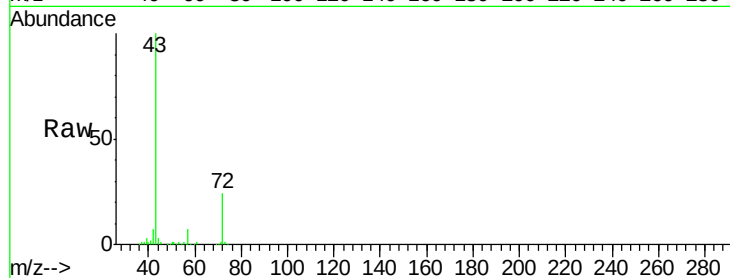
72 23.7 17.9 26.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.921 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002218.D

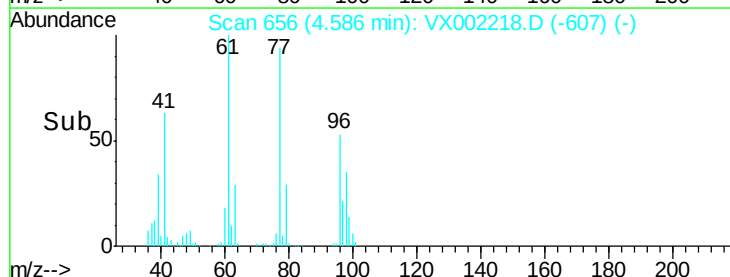
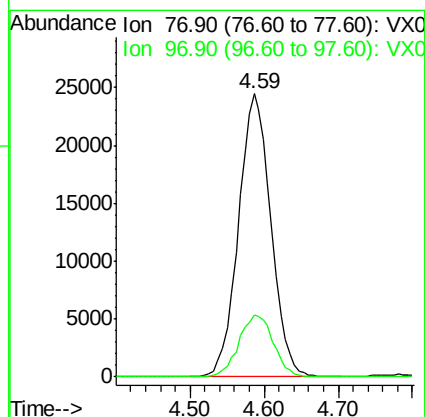
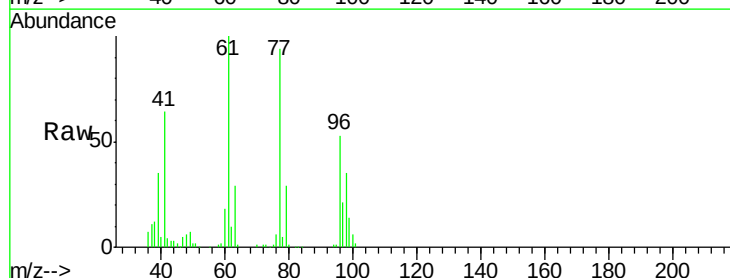
Acq: 01 Jun 2018 18:09

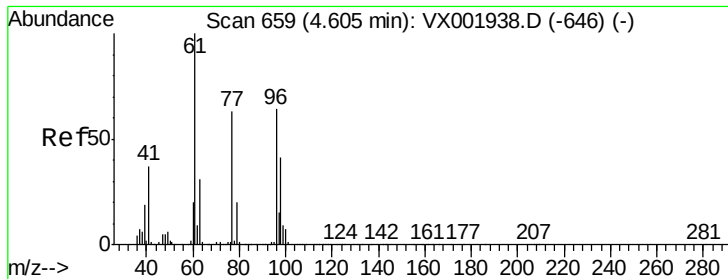
Tgt Ion: 77 Resp: 74572

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

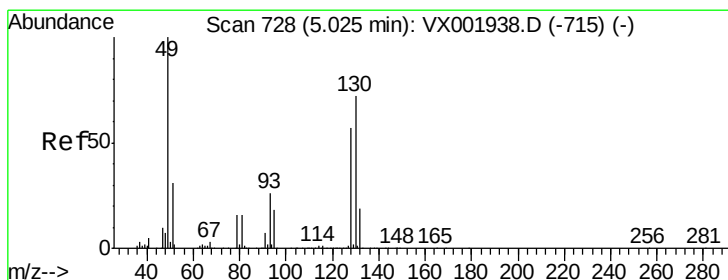
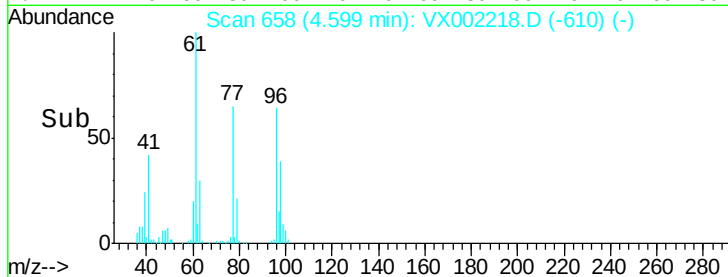
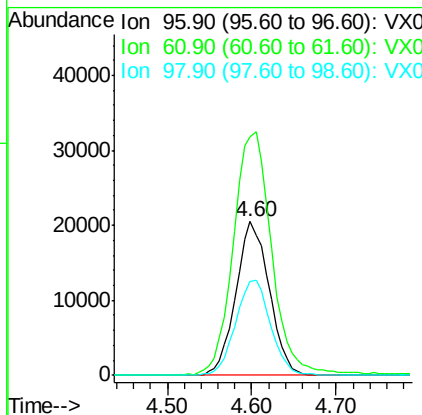
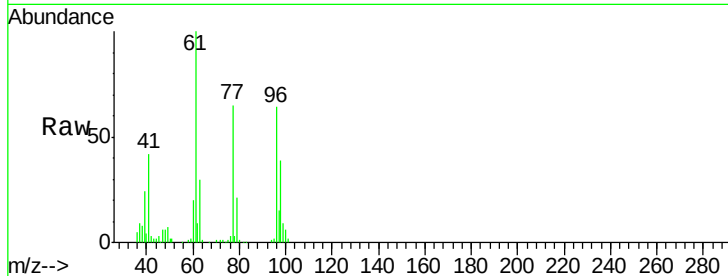
cis-1,2-Dichloroethene
 Concen: 18.487 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.0	0.0	348.4
98	64.7	0.0	128.6

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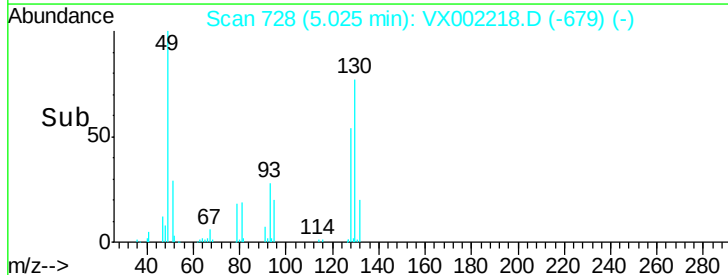
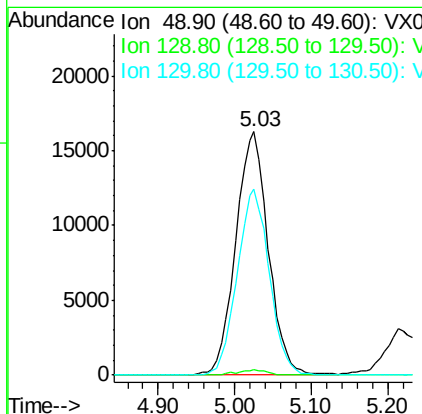
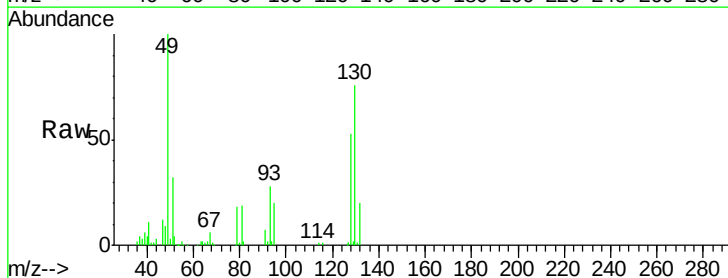
MMDadoda
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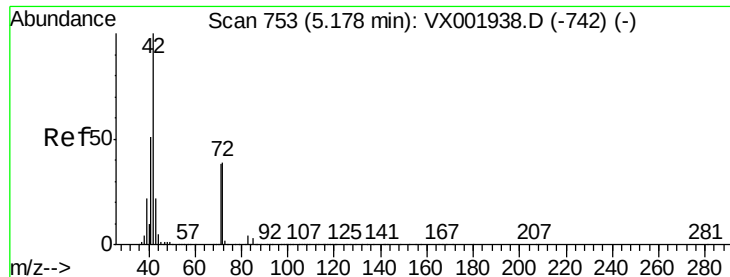


#28

Bromochloromethane
 Concen: 23.572 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.3	59.4	89.2





#29

Tetrahydrofuran

Concen: 91.046 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

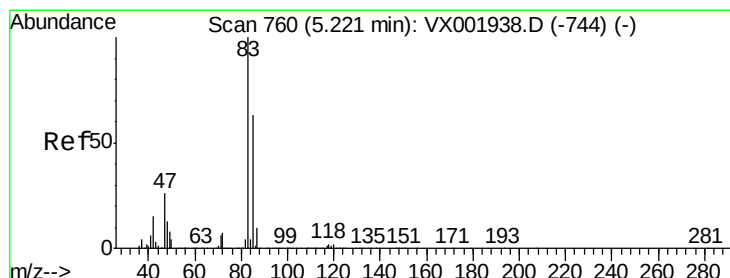
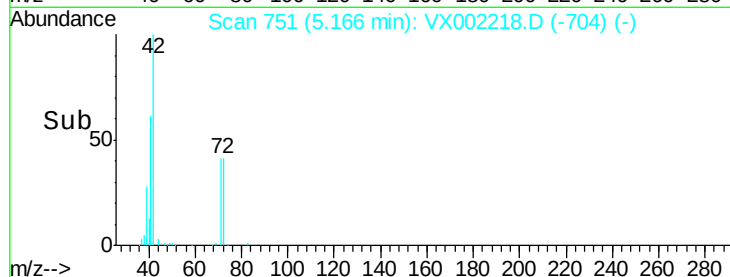
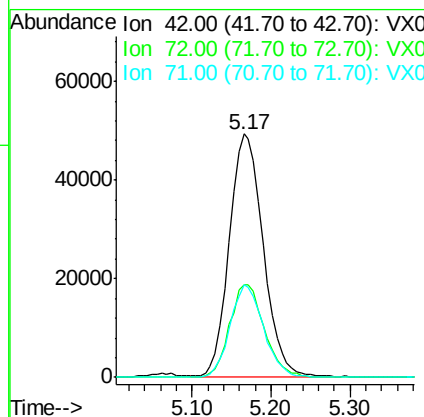
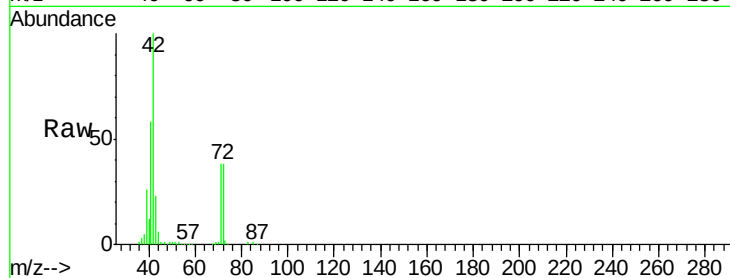
ClientSampleId :

VX0601WBSD01

Tgt Ion:	42	Resp:	146604
Ion Ratio		Lower	Upper
42	100		
72	39.3	31.4	47.0
71	38.0	29.5	44.3

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#30

Chloroform

Concen: 18.717 ug/l

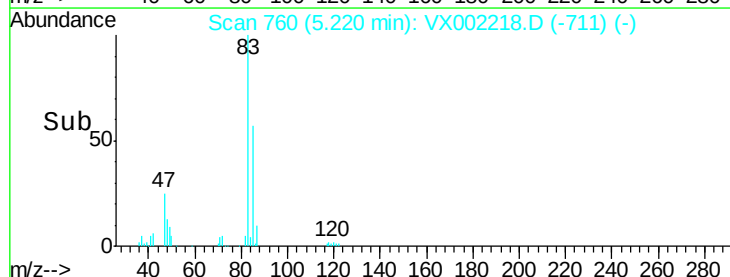
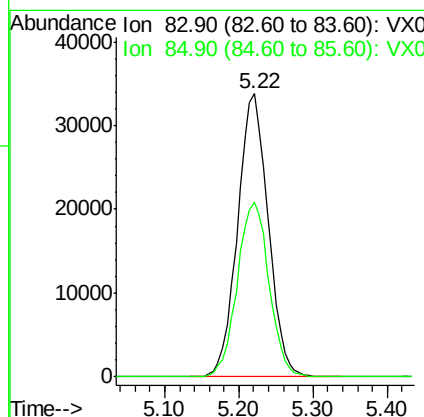
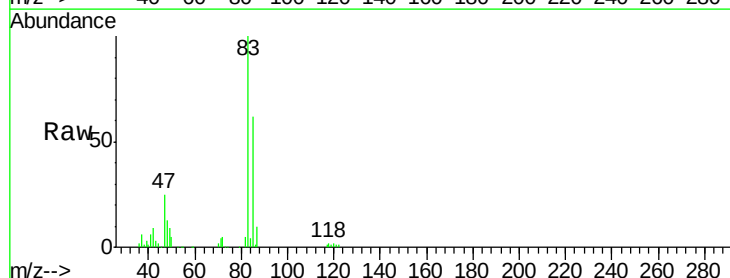
RT: 5.22 min Scan# 760

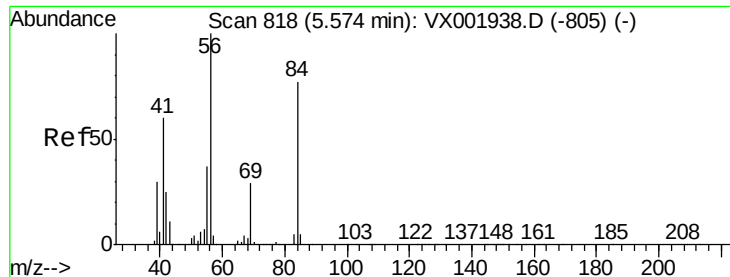
Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	83	Resp:	97581
Ion Ratio		Lower	Upper
83	100		
85	61.8	50.9	76.3





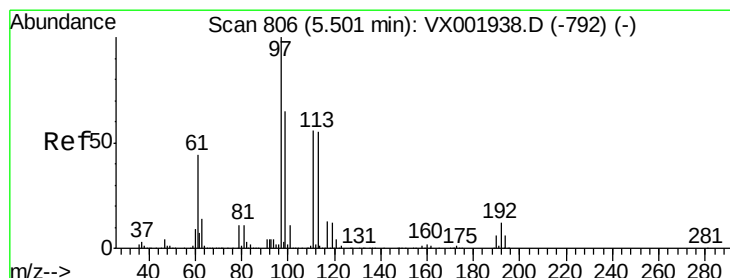
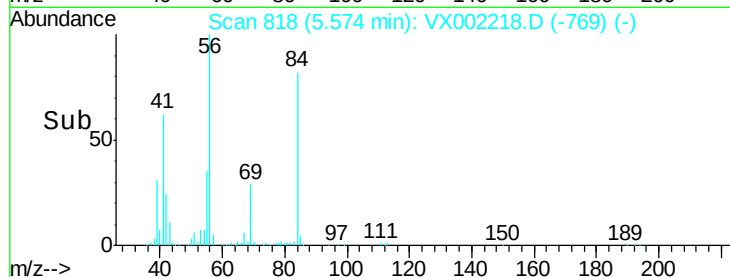
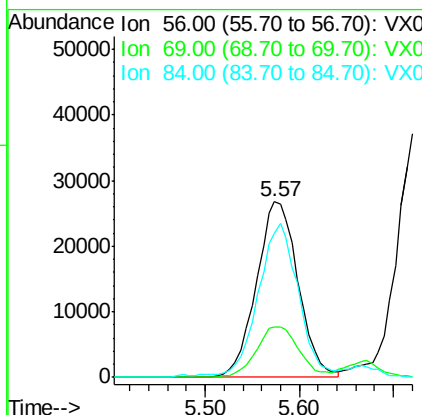
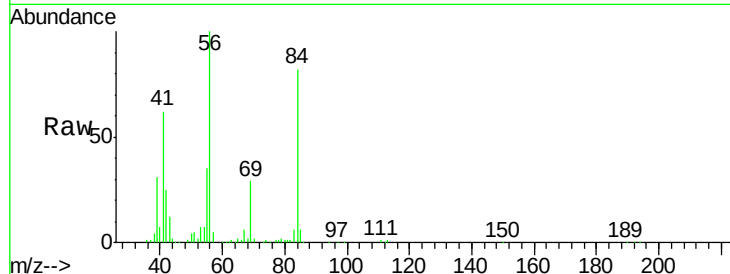
#31
Cyclohexane
Concen: 17.195 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	80.7	62.0	93.0

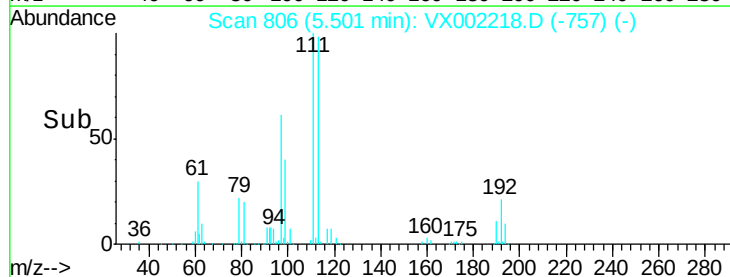
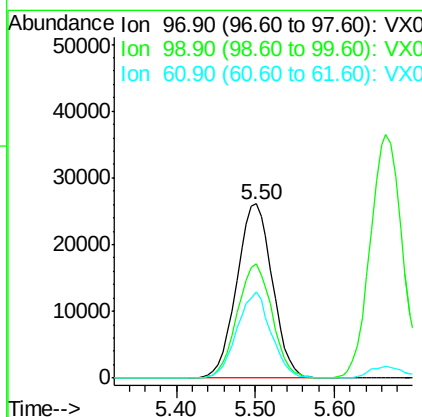
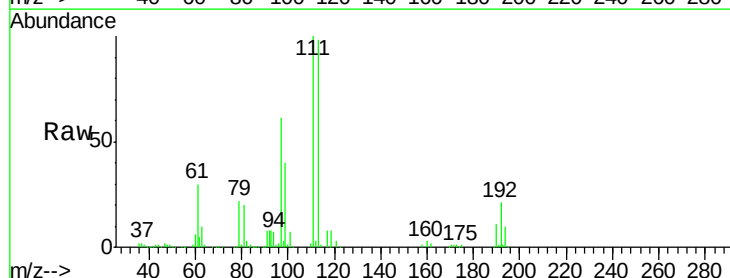
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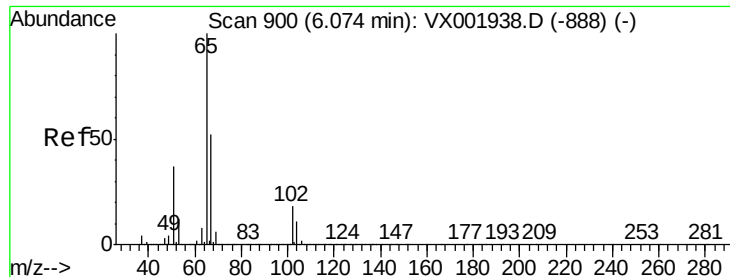
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 16.881 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	47.5	35.9	53.9





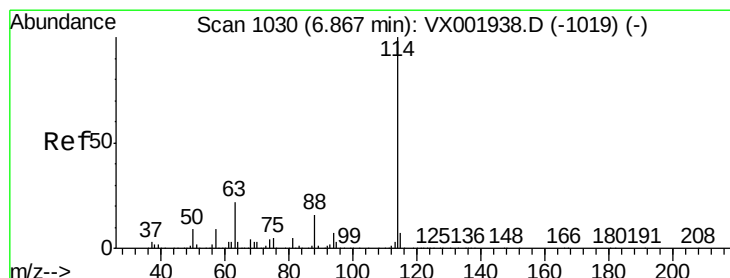
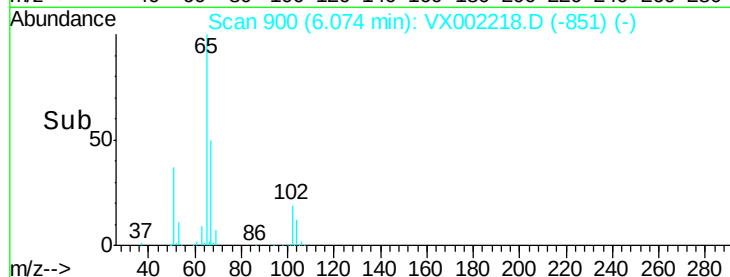
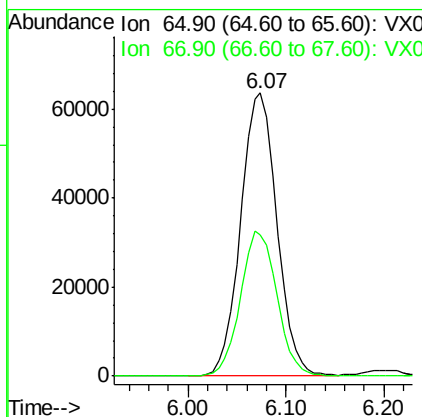
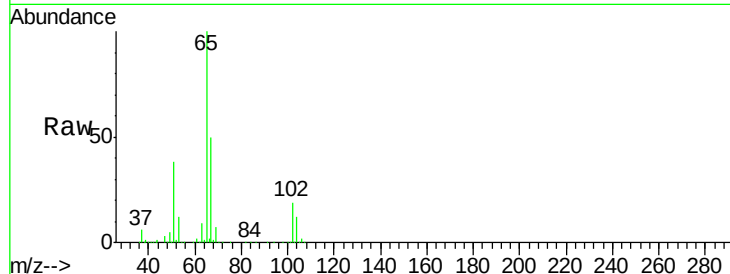
#33
 1,2-Dichloroethane-d4
 Concen: 46.987 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164402		
67	51.5	0.0	104.0	

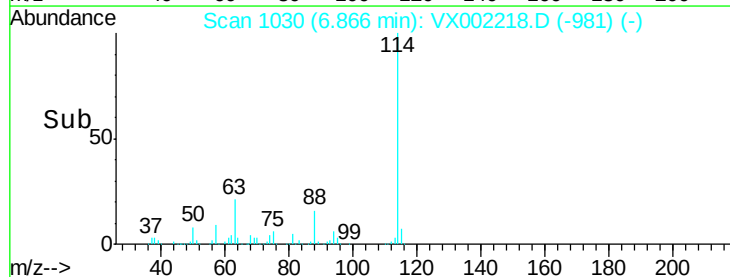
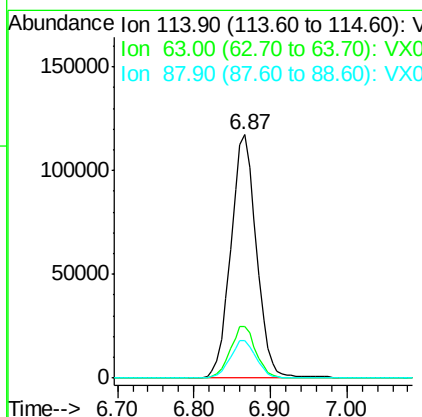
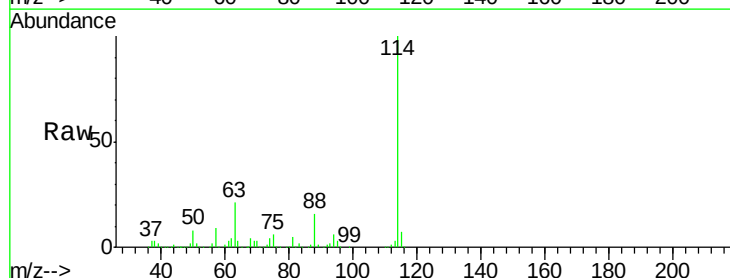
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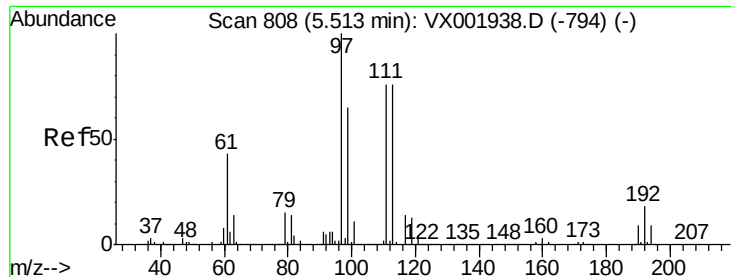
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	272380		
63	21.0	0.0	43.2	
88	15.6	0.0	31.6	





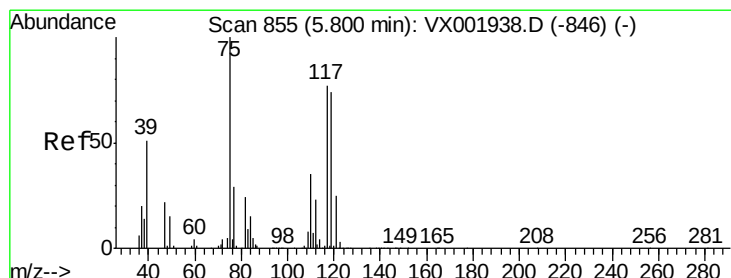
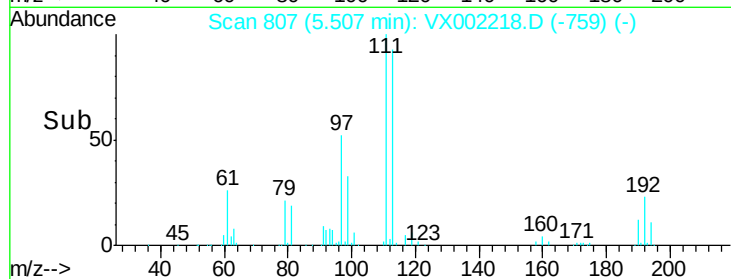
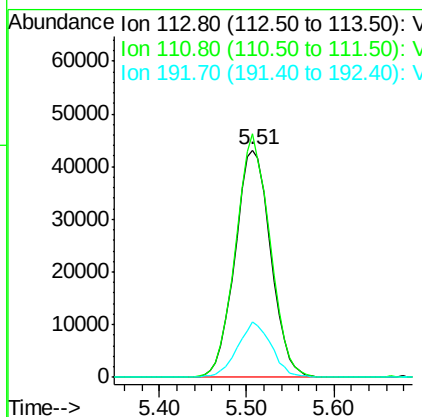
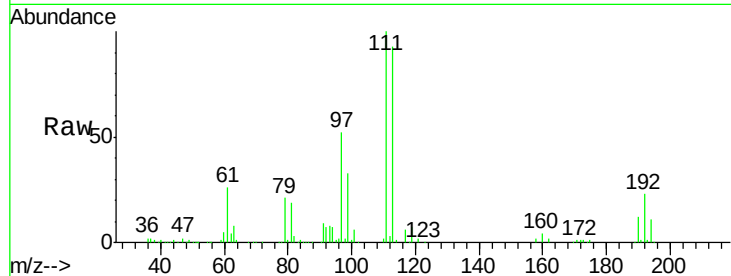
#35
 Dibromofluoromethane
 Concen: 44.912 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	122332		
111	103.1	82.0	123.0	
192	23.2	18.9	28.3	

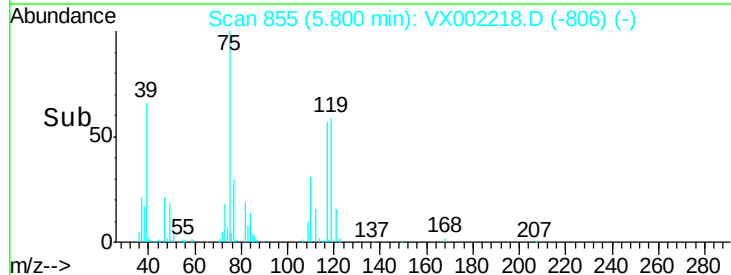
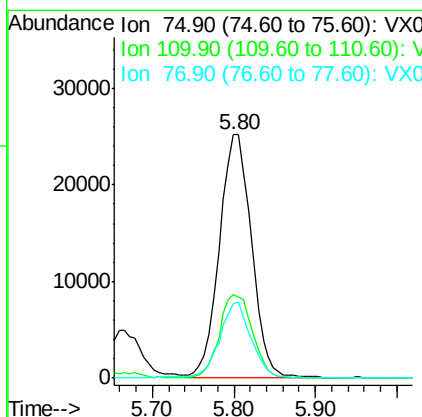
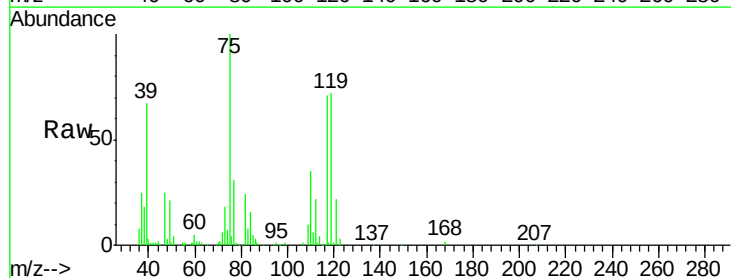
Manual Integrations
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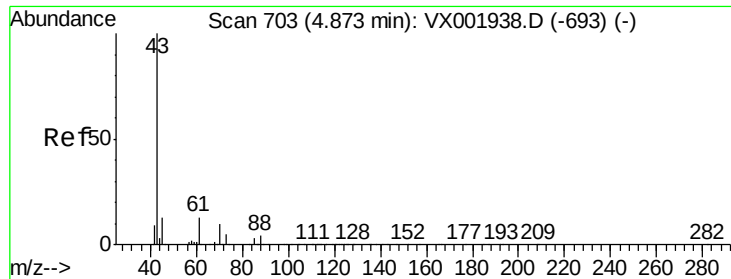
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 18.240 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69107		
110	35.2	17.4	52.2	
77	30.3	24.4	36.6	





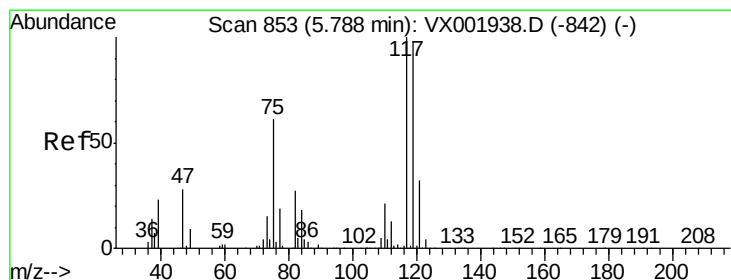
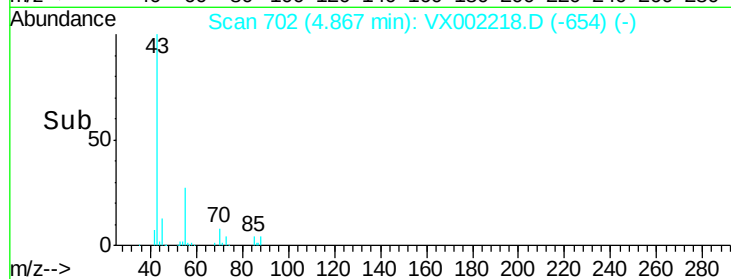
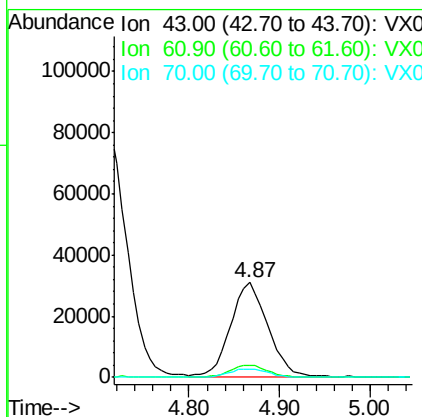
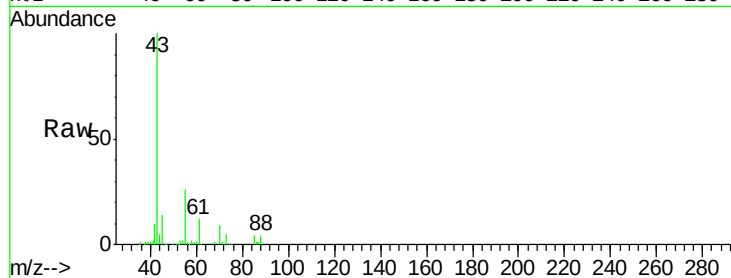
#37
Ethyl Acetate
Concen: 17.657 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.2	15.2
70	9.5	7.8	11.8

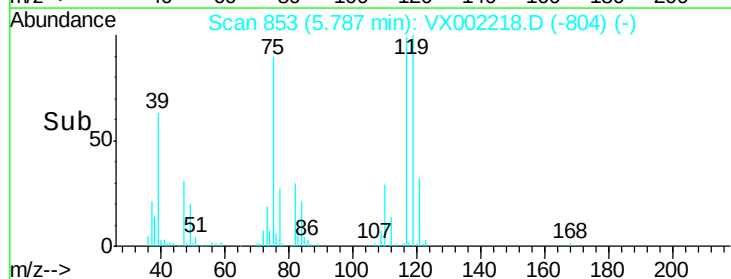
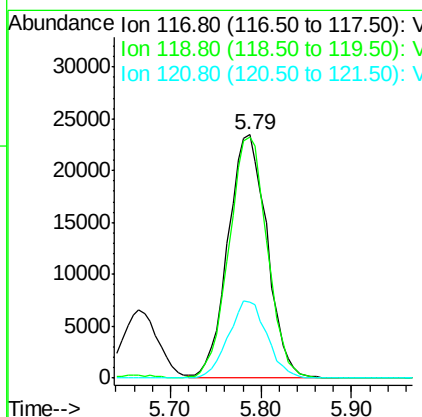
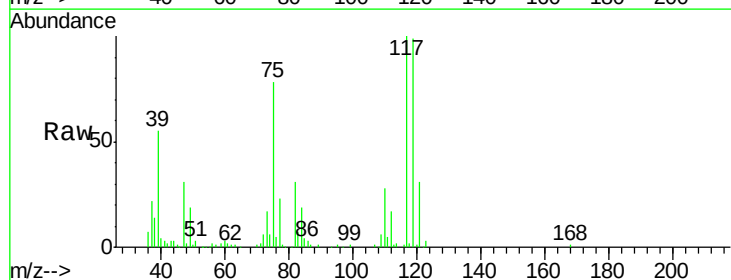
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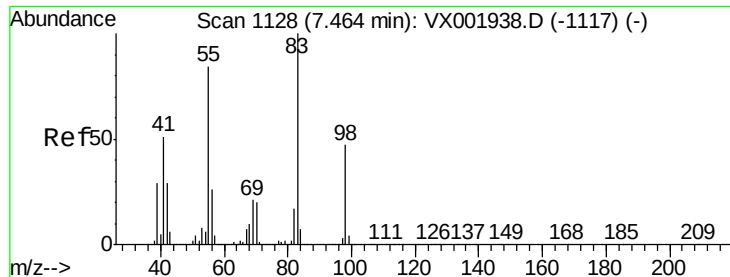
MMDadoda
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#38
Carbon Tetrachloride
Concen: 15.856 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.5	117.7
121	31.4	25.5	38.3





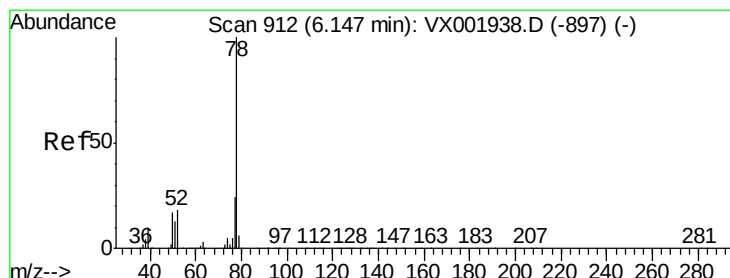
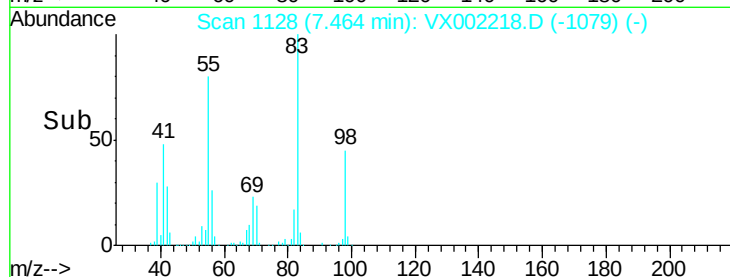
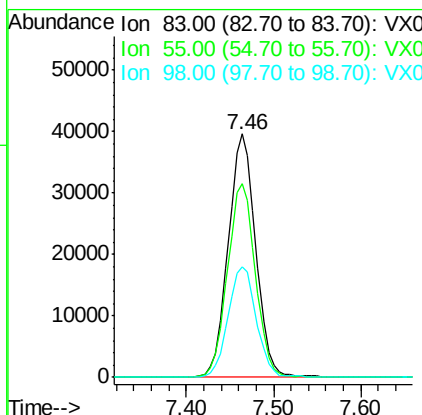
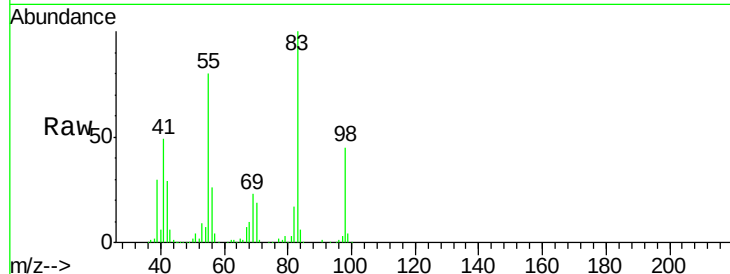
#39
Methylcyclohexane
Concen: 18.582 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.7	67.3	100.9
98	45.3	37.5	56.3

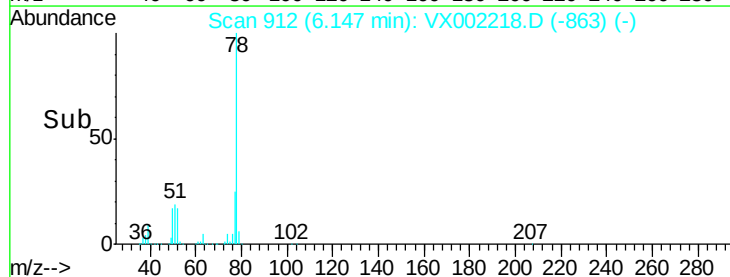
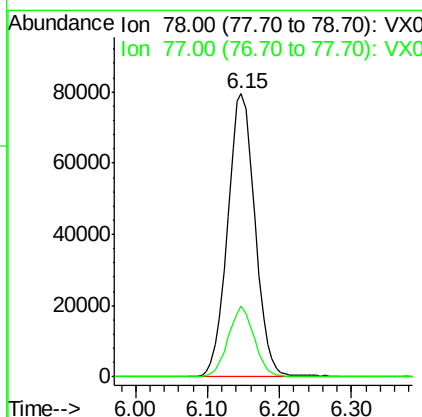
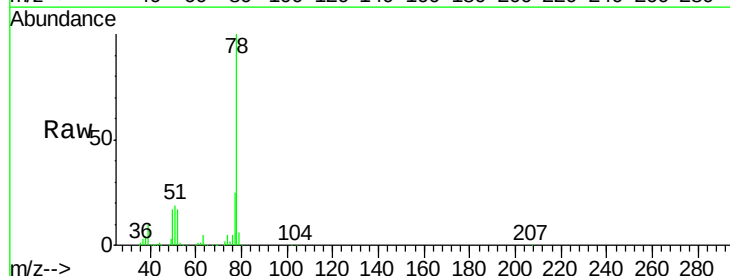
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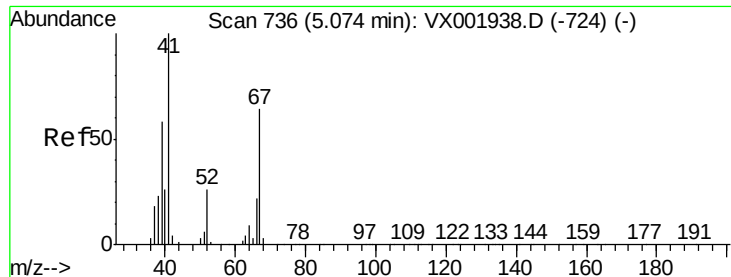
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#40
Benzene
Concen: 19.023 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.1	28.7





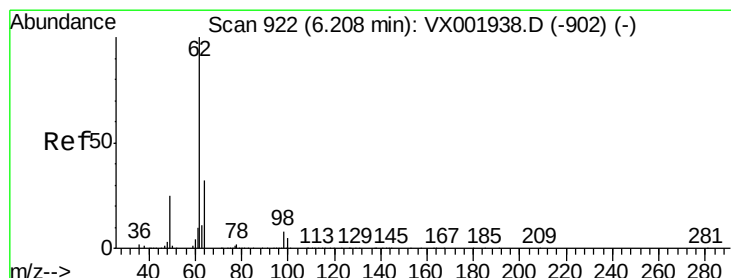
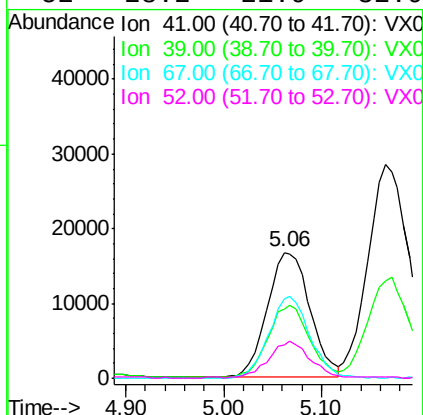
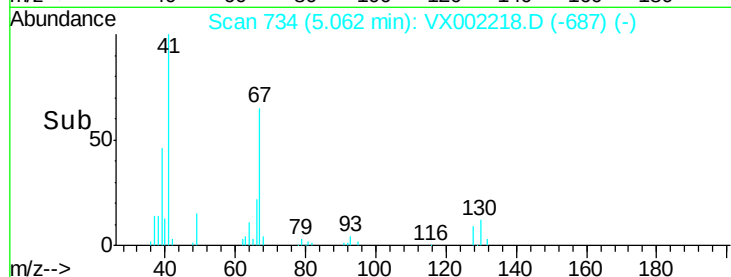
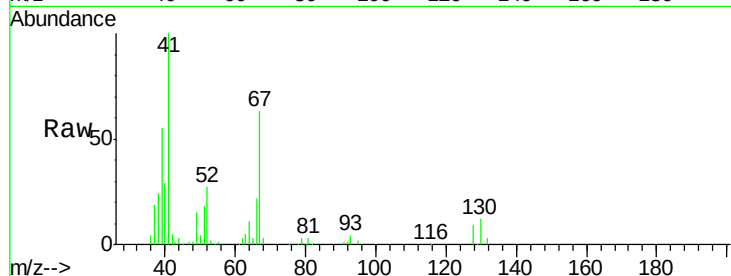
#41
Methacrylonitrile
Concen: 18.697 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.0	69.0
67	62.9	50.6	75.8
52	28.2	21.9	32.9

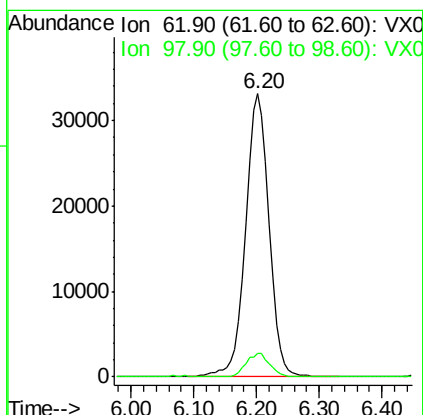
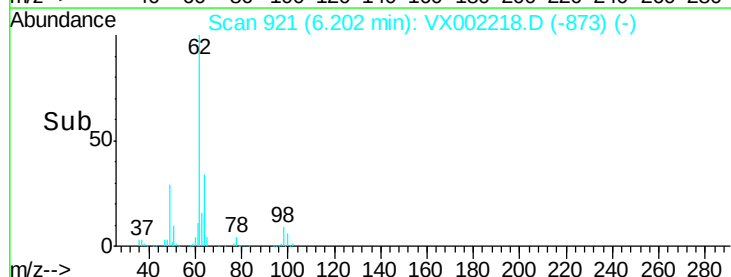
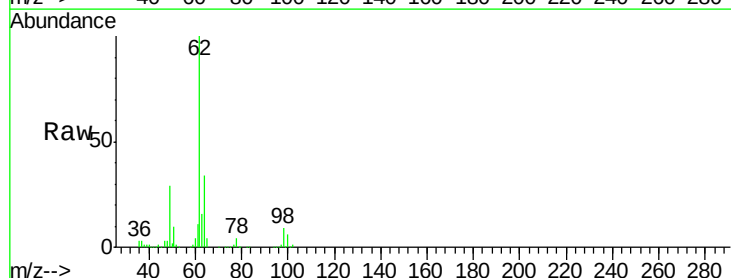
Manual Integrations
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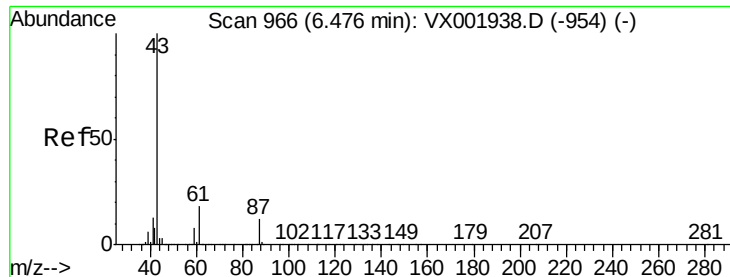
MMDadoda
6/4/2018 2:31:33 PM



#42
1,2-Dichloroethane
Concen: 19.341 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 17.801 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

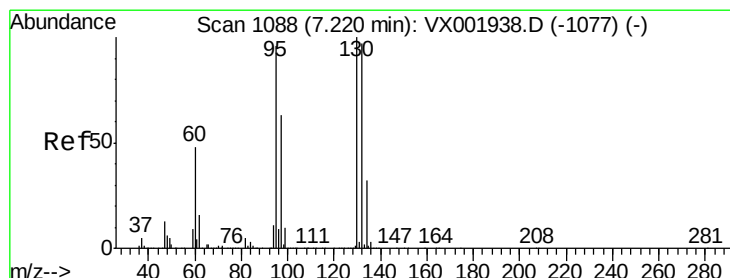
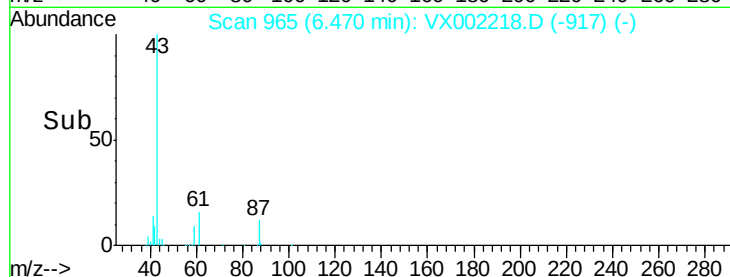
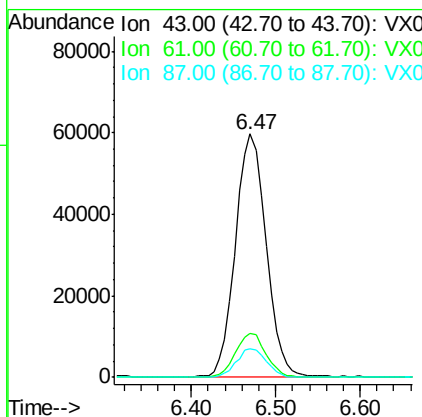
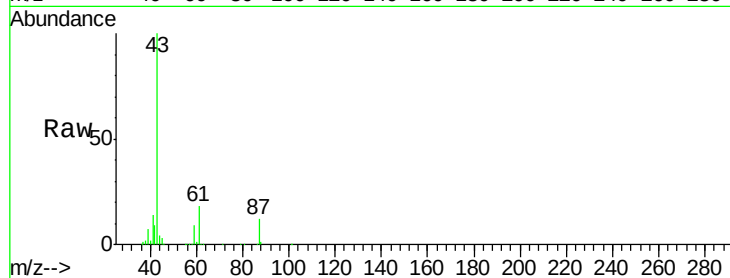
ClientSampleId :

VX0601WBSD01

Tgt Ion:	43	Resp:	146502
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.5	21.7
87	11.7	9.5	14.3

Manual Integrations
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MMDadoda
6/4/2018 2:31:33 PM



#44

Trichloroethene

Concen: 18.429 ug/l

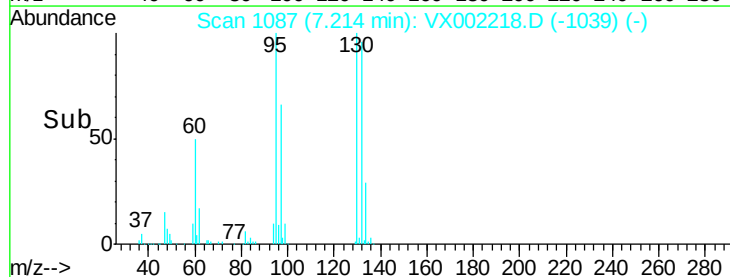
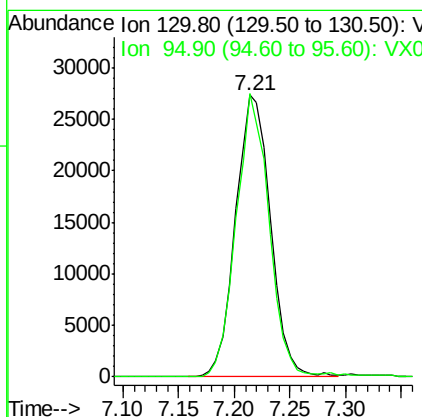
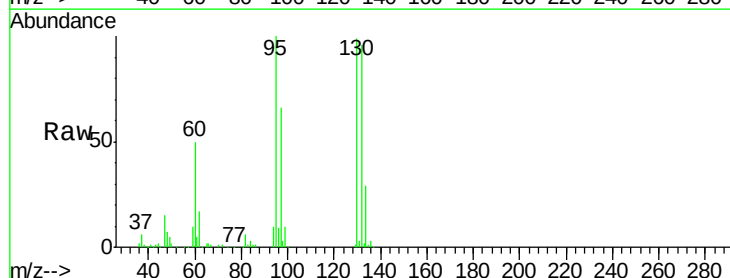
RT: 7.21 min Scan# 1087

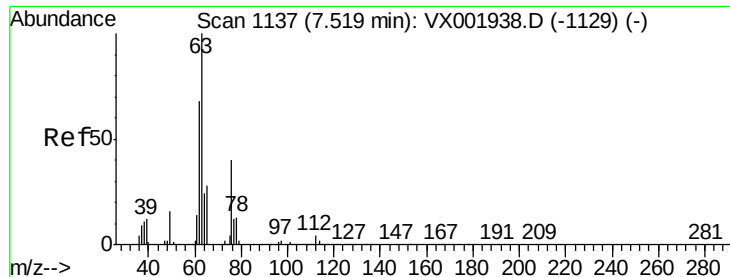
Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	130	Resp:	59608
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	192.0





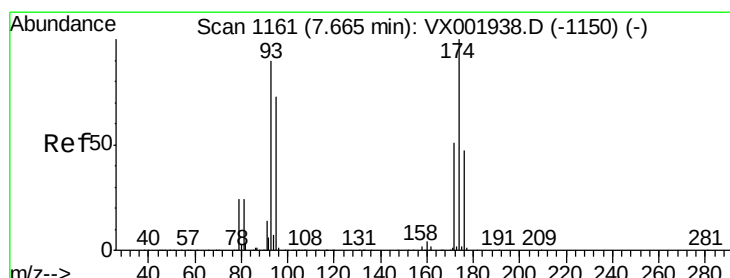
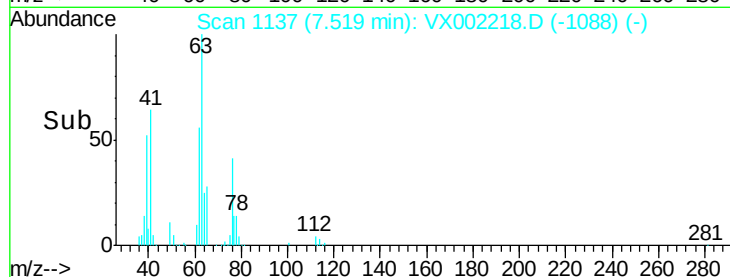
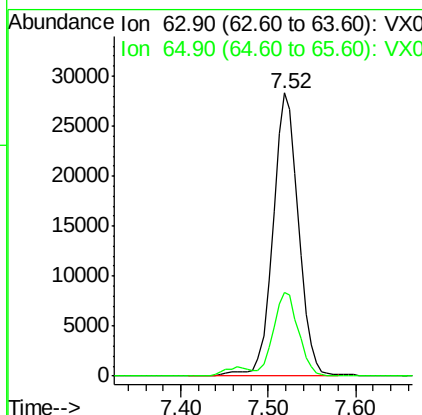
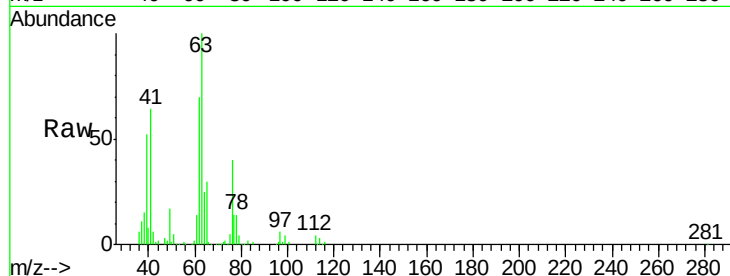
#45
 1,2-Dichloropropane
 Concen: 19.208 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.1	36.1

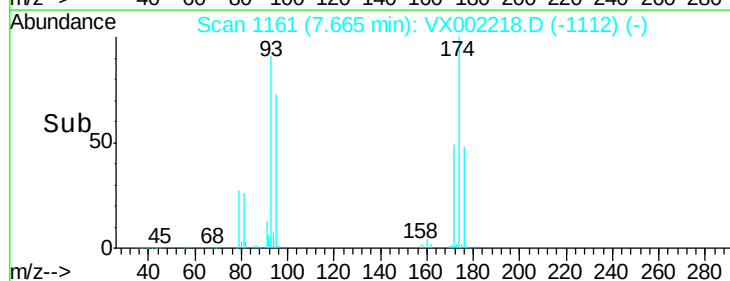
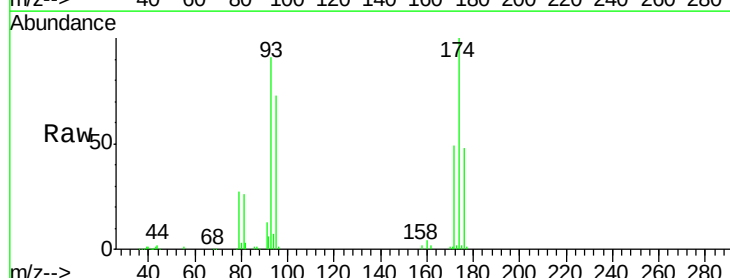
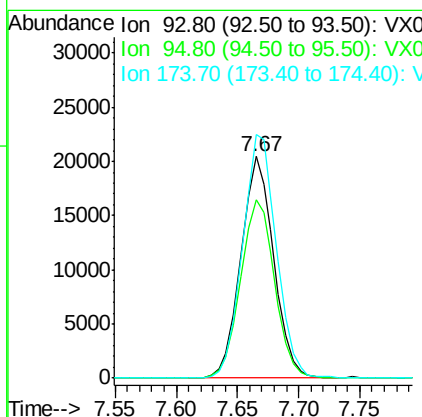
Manual Integrations
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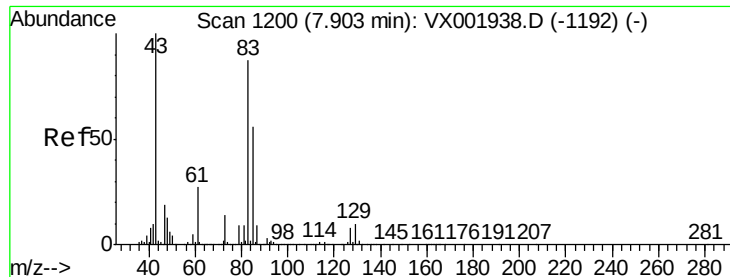
MMDadoda
 6/4/2018 2:31:33 PM



#46
 Dibromomethane
 Concen: 19.090 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.1	99.1
174	113.3	92.5	138.7





#47

Bromodichloromethane

Concen: 15.762 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

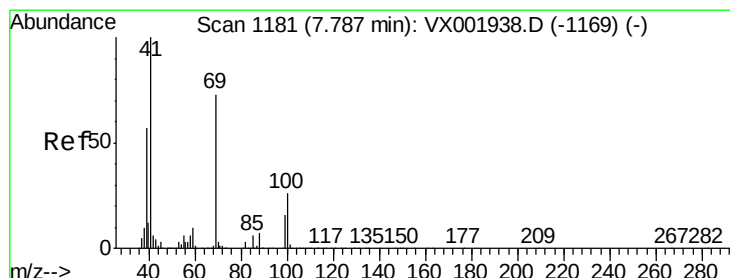
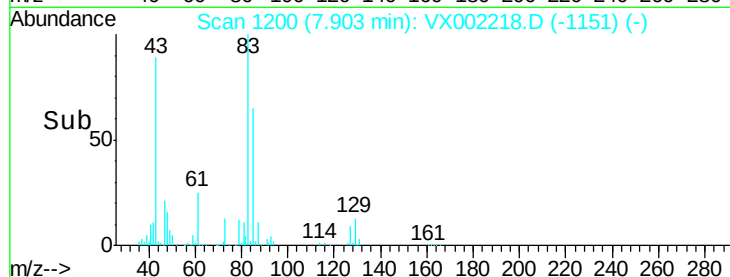
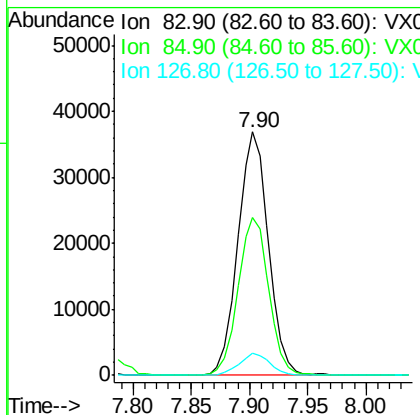
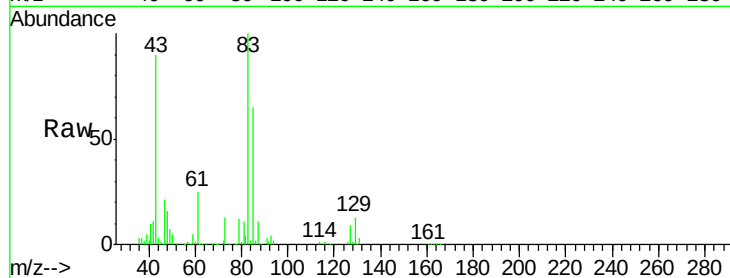
ClientSampleId :

VX0601WBSD01

Tgt Ion:	83	Resp:	67073
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.2
127	9.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.917 ug/l

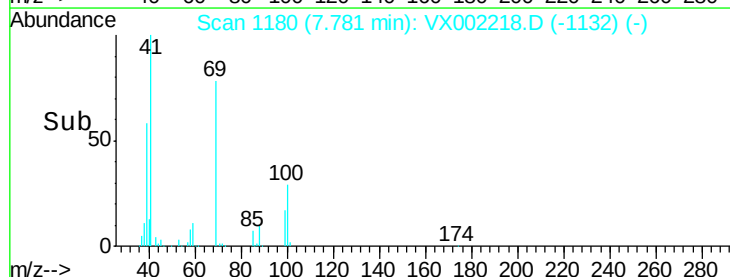
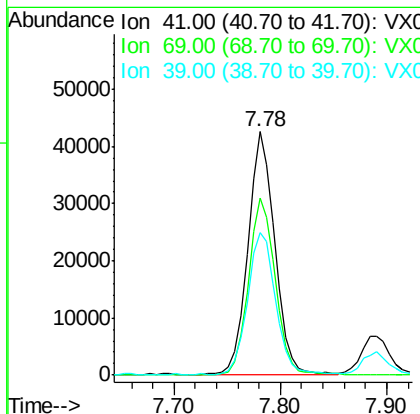
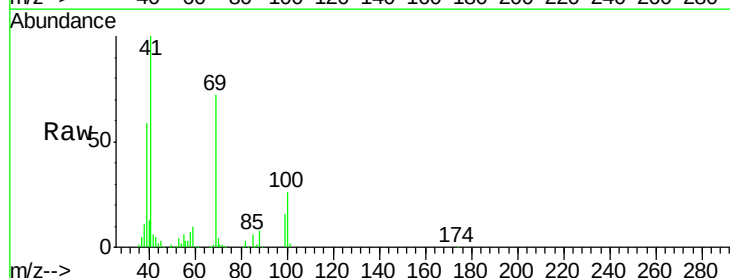
RT: 7.78 min Scan# 1180

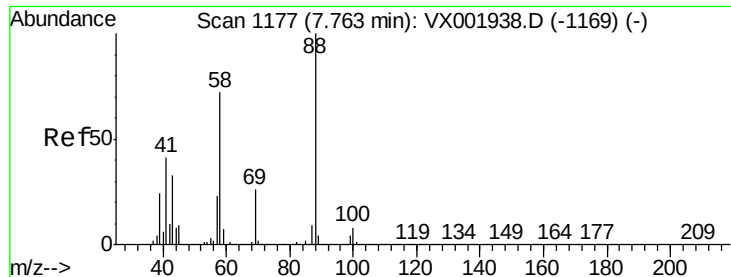
Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	41	Resp:	75049
Ion	Ratio	Lower	Upper
41	100		
69	73.7	58.6	87.8
39	61.6	46.3	69.5





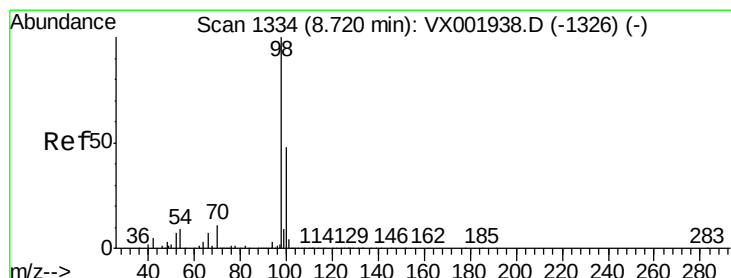
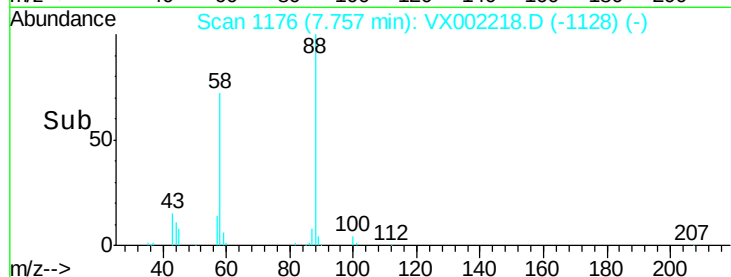
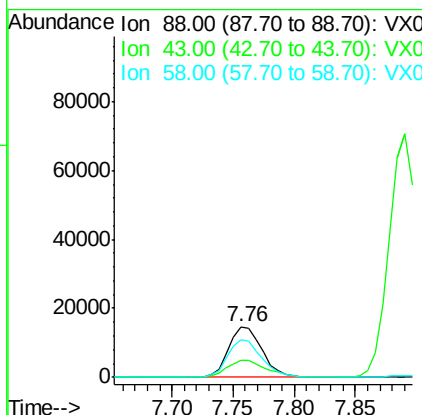
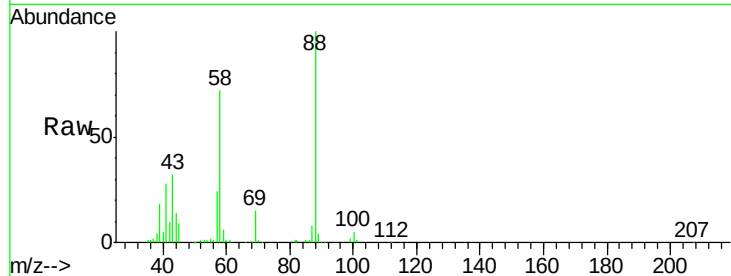
#49
1,4-Dioxane
Concen: 377.532 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.8	44.8
58	76.6	58.7	88.1

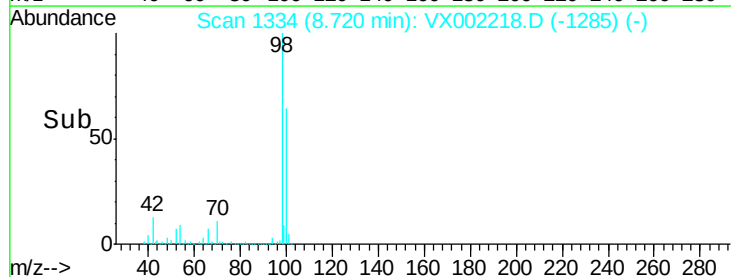
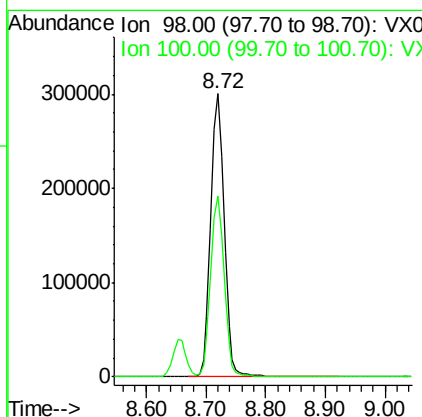
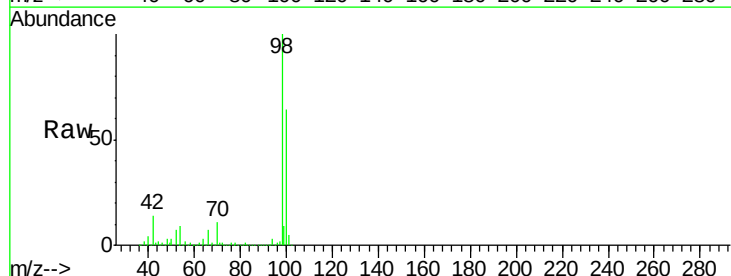
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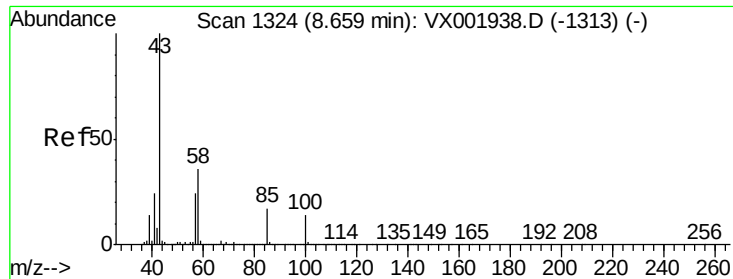
MMDadoda
6/4/2018 2:31:33 PM



#50
Toluene-d8
Concen: 47.333 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





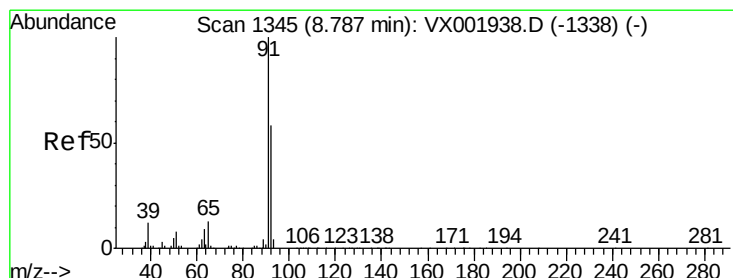
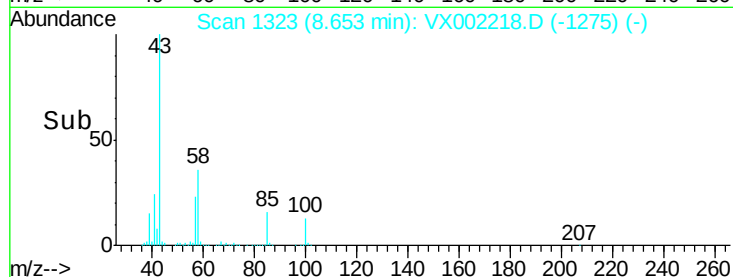
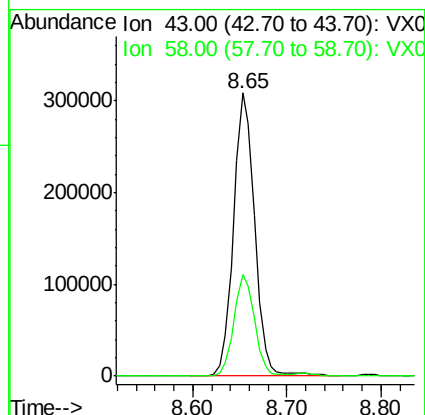
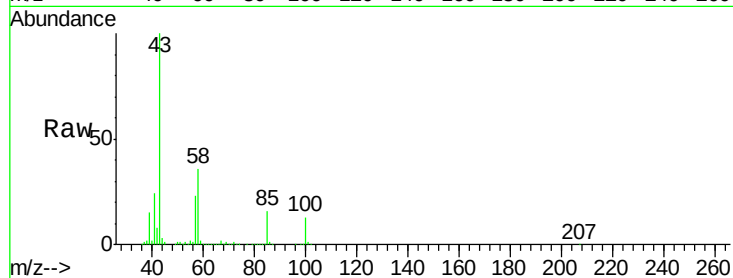
#51
4-Methyl-2-Pentanone
Concen: 96.720 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleID :
VX0601WBSD01

Tgt Ion: 43 Resp: 479849
Ion Ratio Lower Upper
43 100
58 35.0 28.5 42.7

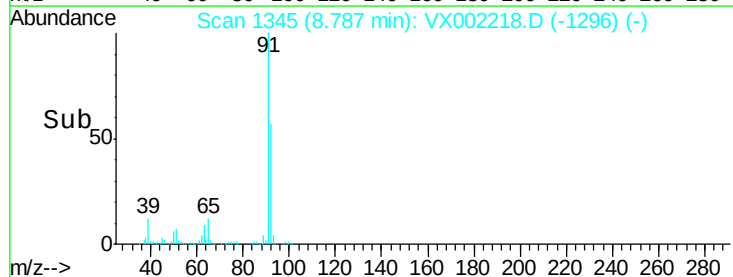
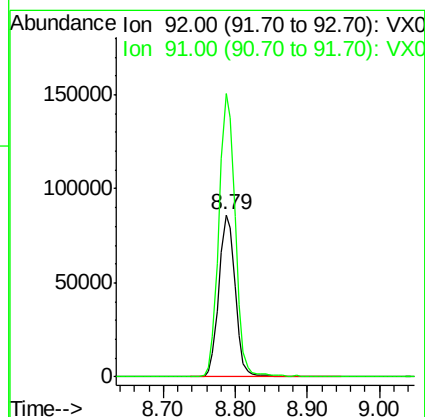
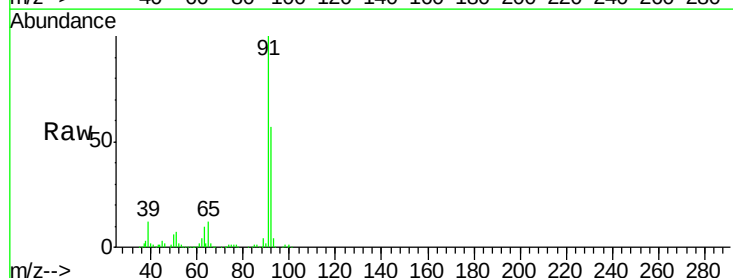
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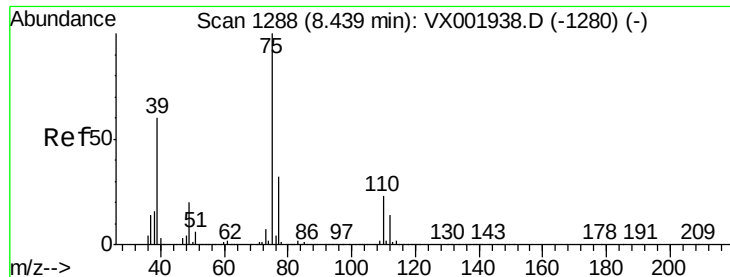
MMDadoda
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#52
Toluene
Concen: 19.210 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 92 Resp: 135699
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 16.753 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 75 Resp: 82109

Ion Ratio Lower Upper

75 100

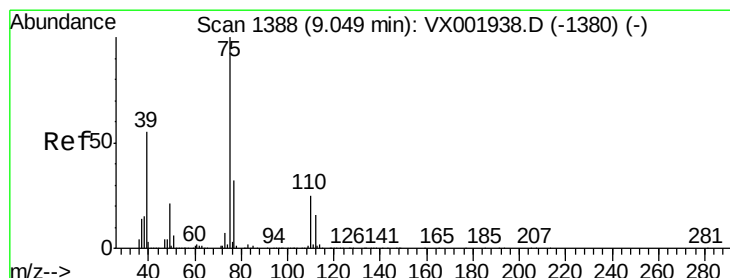
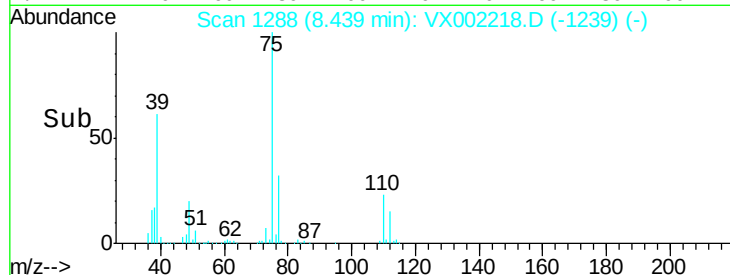
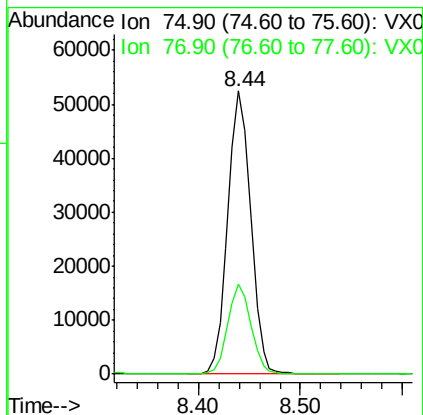
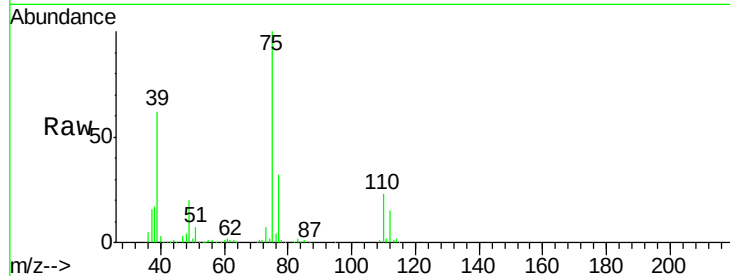
77 31.8 25.5 38.3

Manual Integrations

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MMDadoda

6/4/2018 2:31:33 PM



#54

cis-1,3-Dichloropropene

Concen: 15.690 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

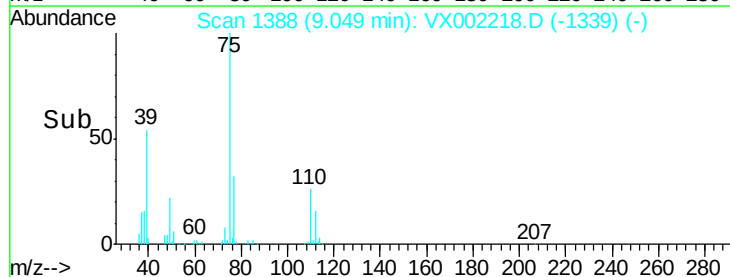
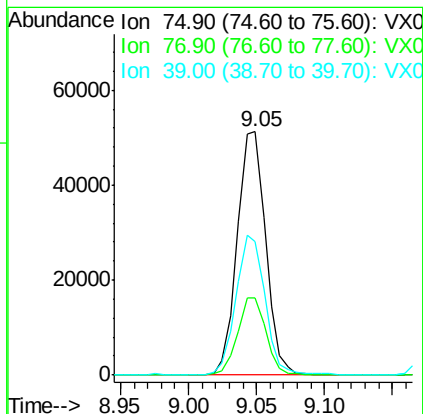
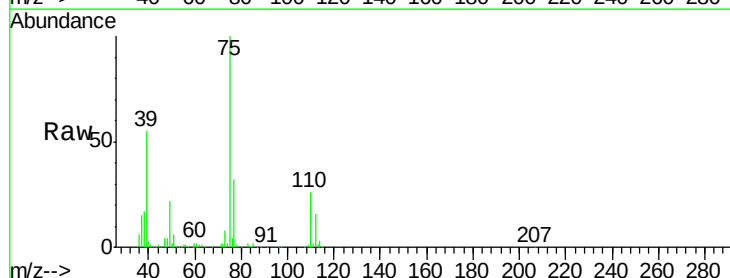
Tgt Ion: 75 Resp: 74933

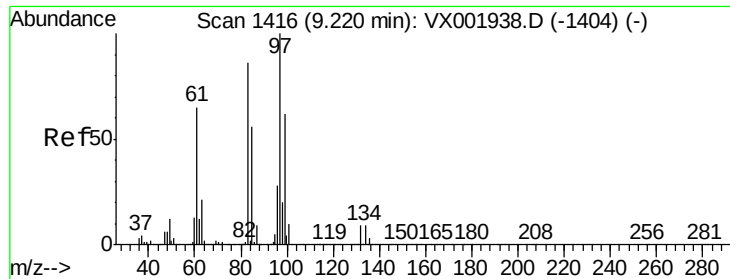
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 54.4 44.1 66.1





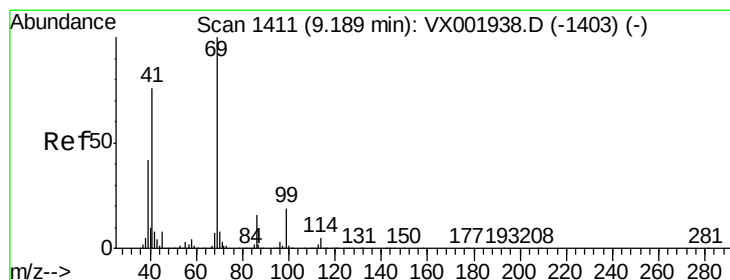
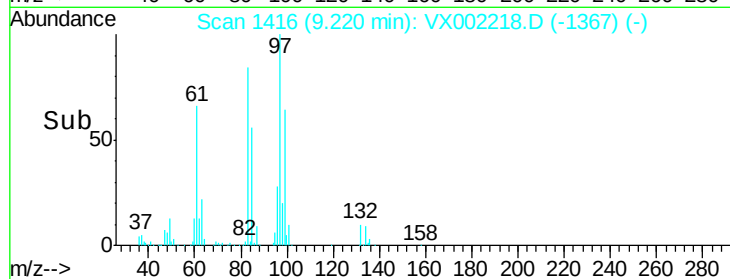
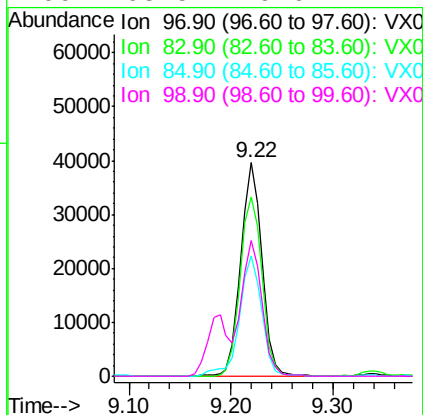
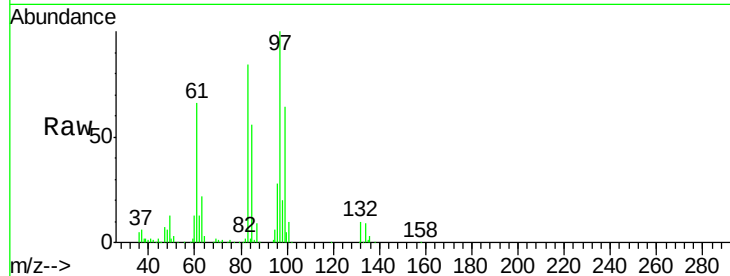
#55
 1,1,2-Trichloroethane
 Concen: 19.276 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion:	97	Resp:	56883
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.1	103.7
85	56.1	45.2	67.8
99	63.5	49.6	74.4

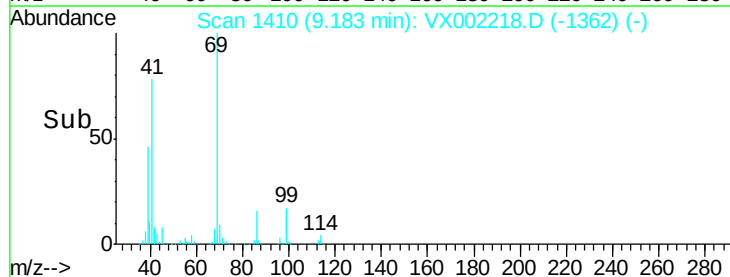
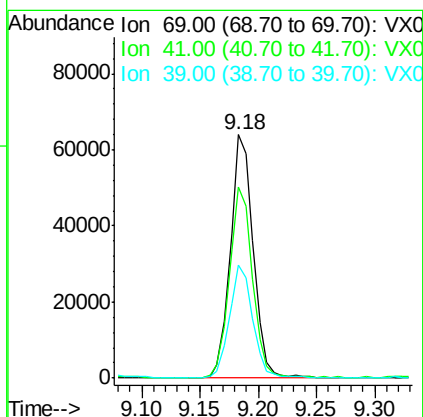
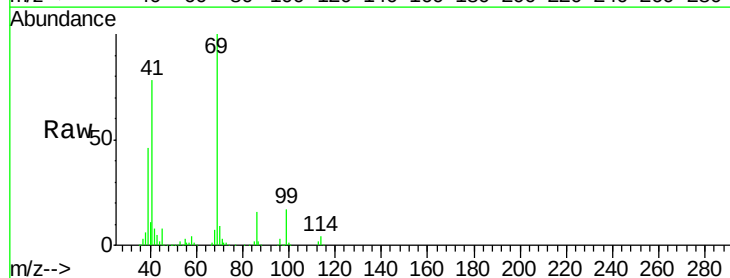
Manual Integrations
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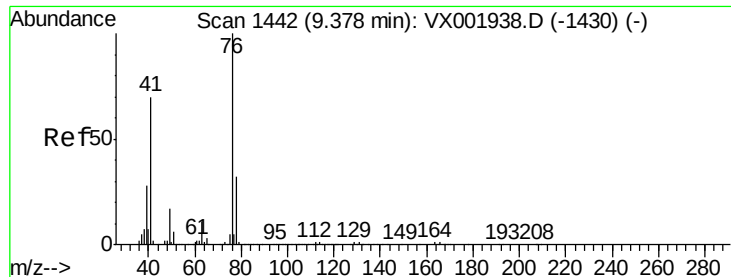
MMDadoda
 6/4/2018 2:31:33 PM



#56
 Ethyl methacrylate
 Concen: 17.267 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion:	69	Resp:	87644
Ion	Ratio	Lower	Upper
69	100		
41	78.6	61.0	91.6
39	46.7	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.733 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 76 Resp: 95929

Ion Ratio Lower Upper

76 100

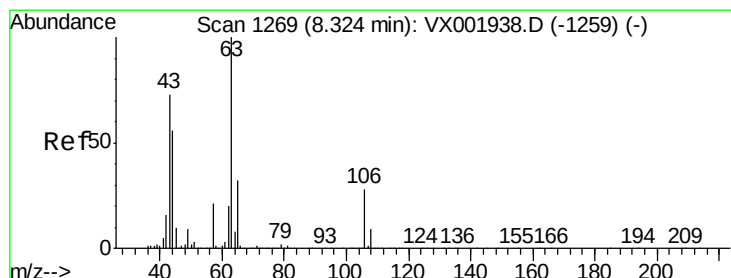
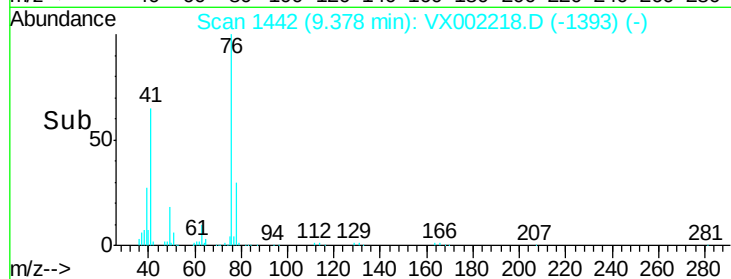
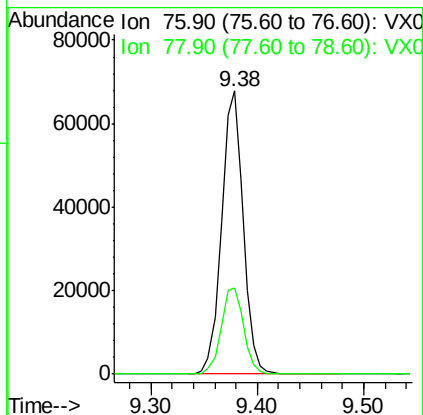
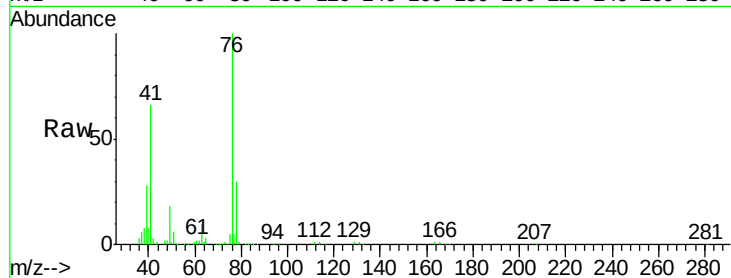
78 31.7 25.6 38.4

Manual Integrations

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MMDadoda

6/4/2018 2:31:33 PM



#58

2-Chloroethyl Vinyl ether

Concen: 86.175 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002218.D

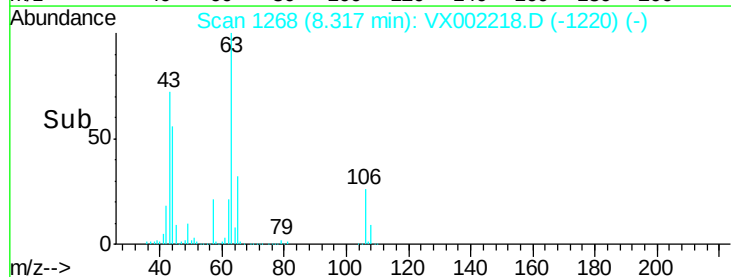
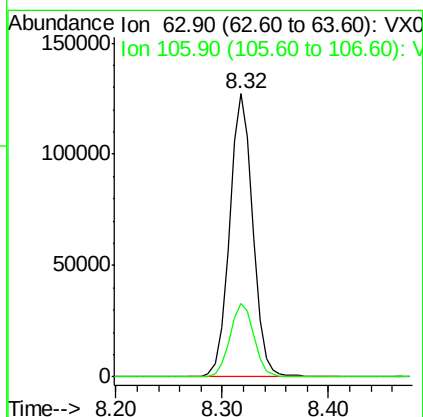
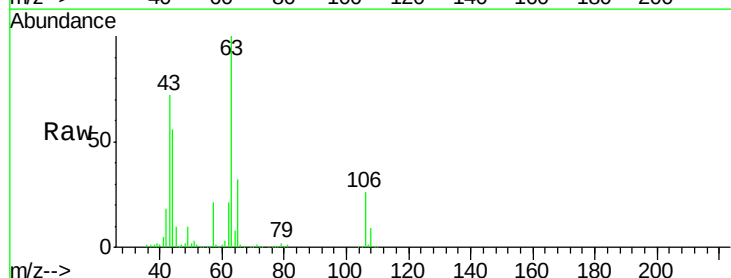
Acq: 01 Jun 2018 18:09

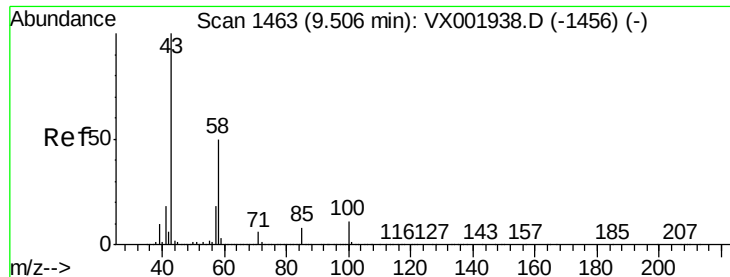
Tgt Ion: 63 Resp: 193868

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5





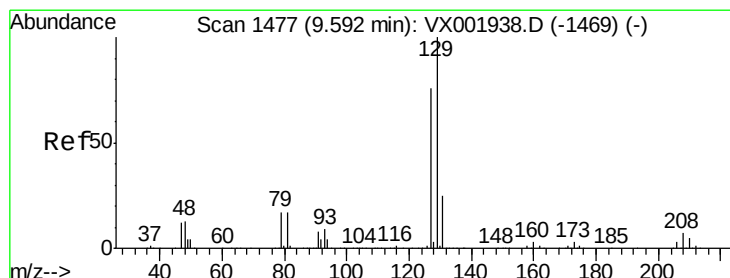
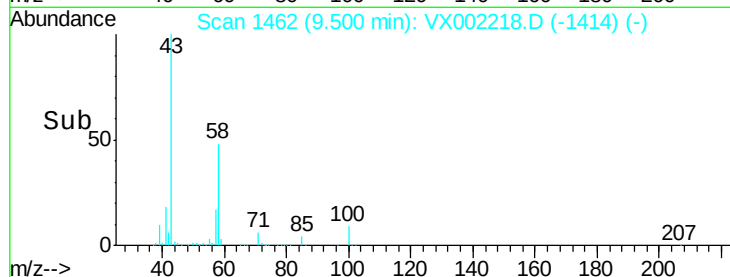
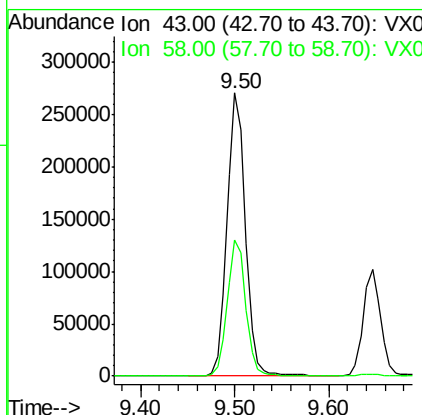
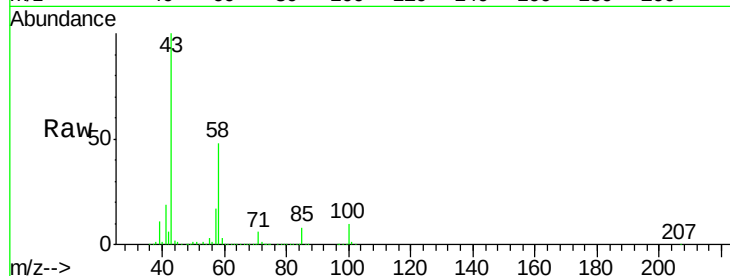
#59
2-Hexanone
Concen: 95.730 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion: 43 Resp: 366208
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

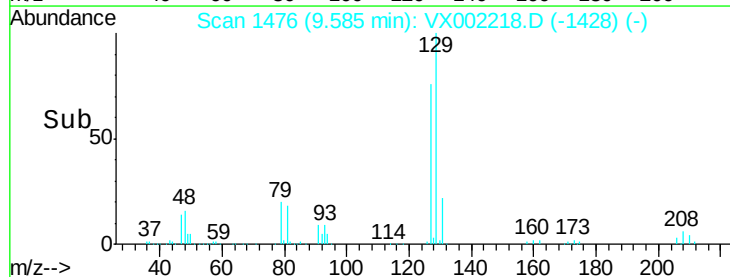
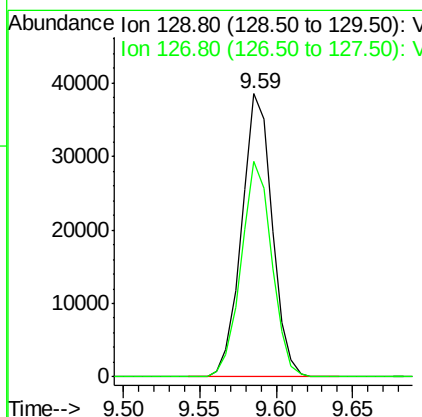
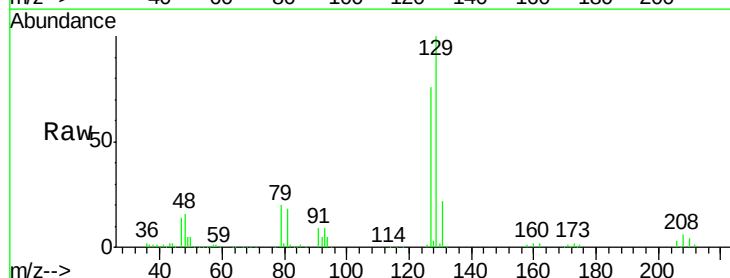
Manual Integrations
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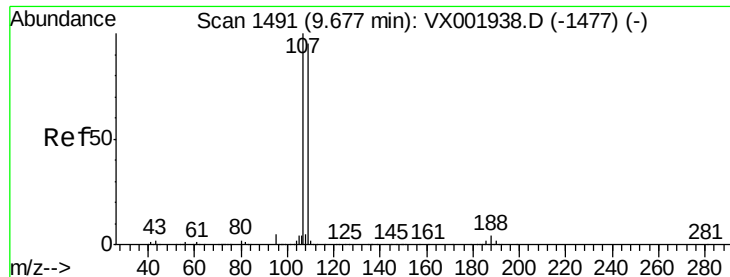
MMDadoda
6/4/2018 2:31:33 PM



#60
Dibromochloromethane
Concen: 15.255 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 129 Resp: 53322
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





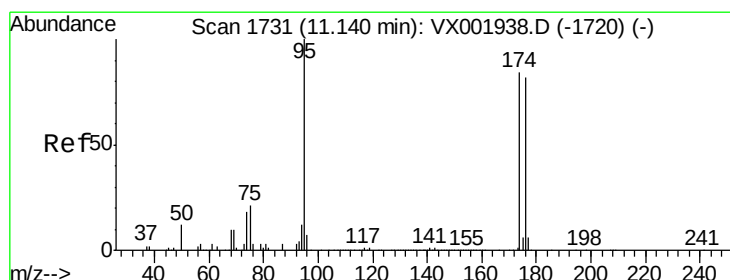
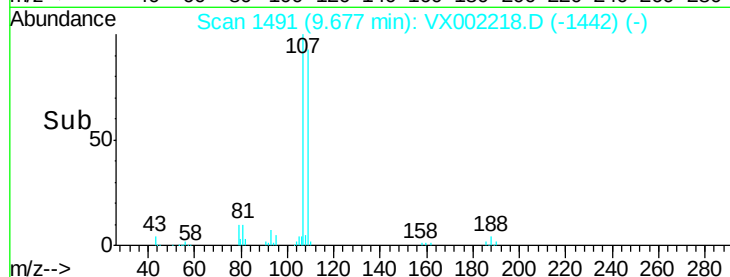
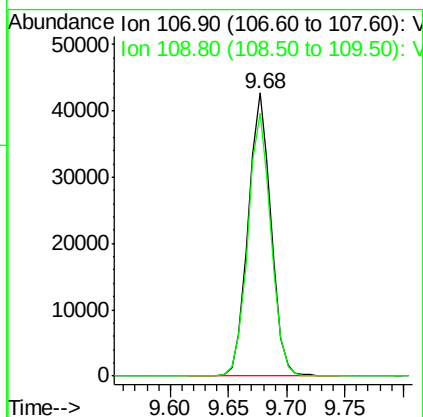
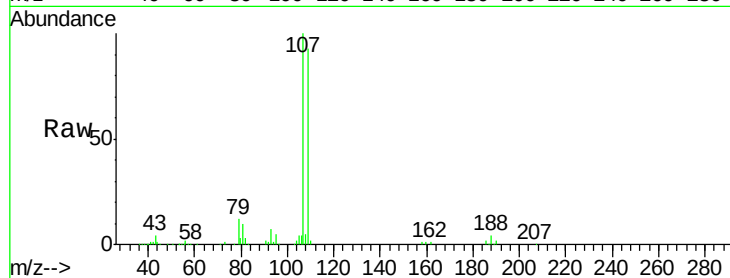
#61
 1,2-Dibromoethane
 Concen: 18.936 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion: 107 Resp: 58634
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.3 112.9

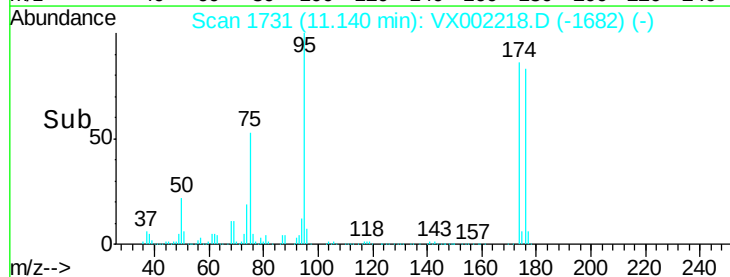
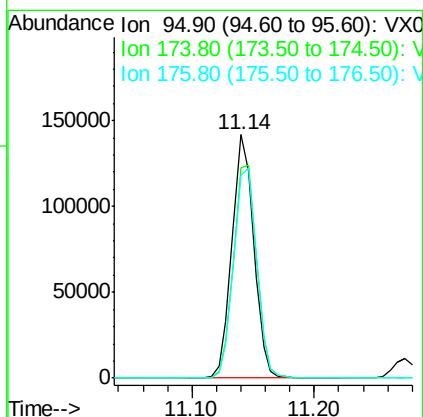
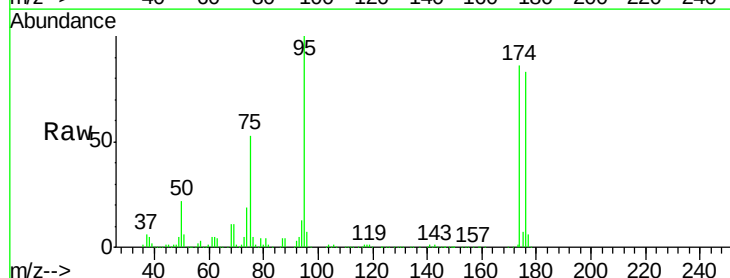
Manual Integrations
 APPROVED

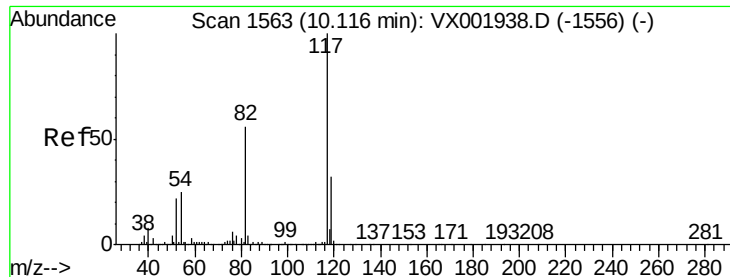
MMDadoda
 6/4/2018 2:31:33 PM



#62
 4-Bromofluorobenzene
 Concen: 45.222 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion: 95 Resp: 174478
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 178.8
 176 91.2 0.0 175.6





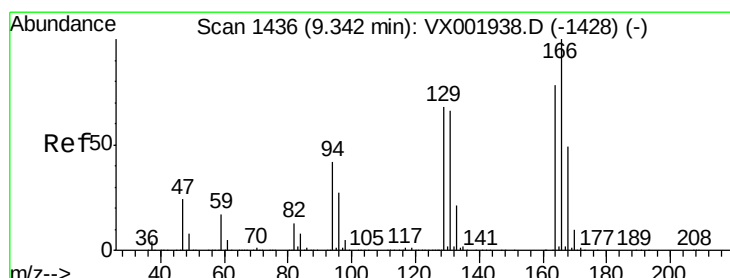
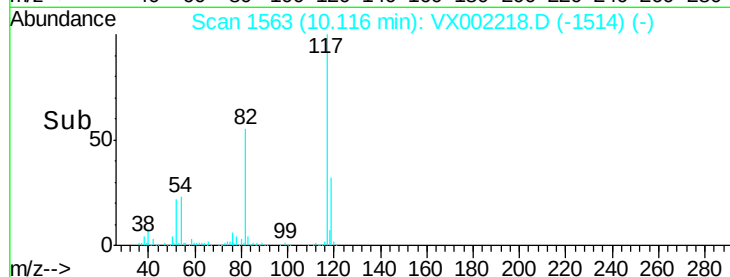
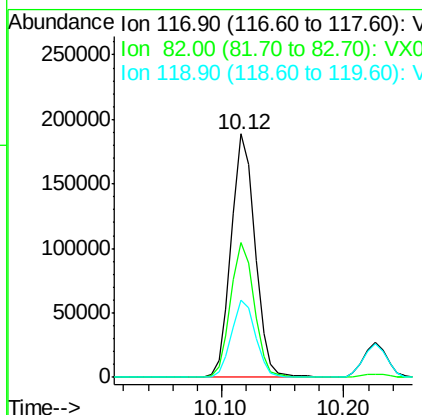
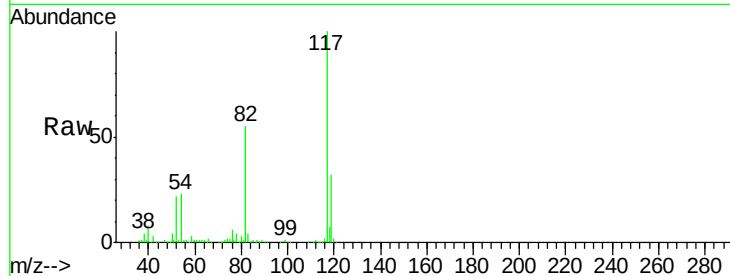
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	254187		
82	55.3	44.8	67.2	
119	31.9	25.5	38.3	

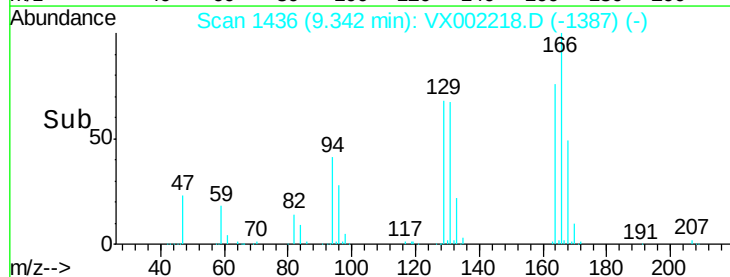
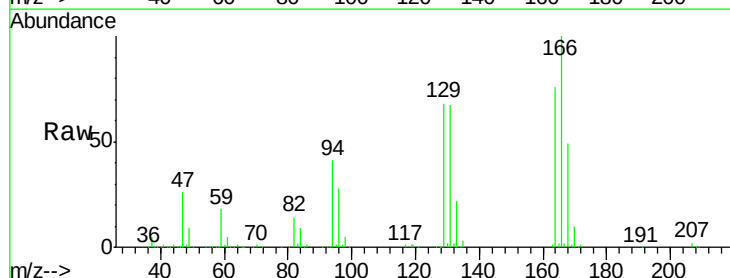
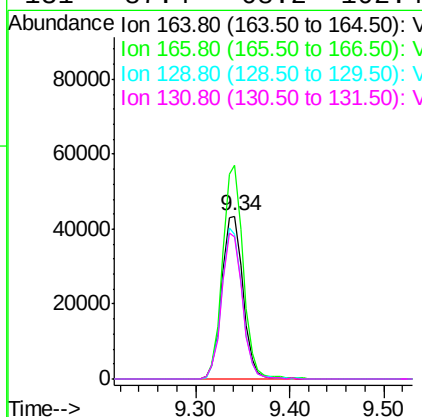
Manual Integrations
APPROVED

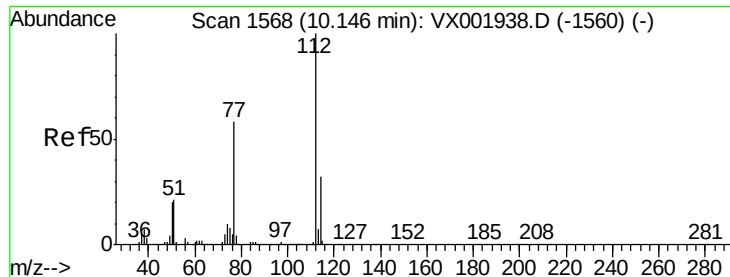
MMDadoda
6/4/2018 2:31:33 PM



#64
Tetrachloroethene
Concen: 18.682 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68085		
166	130.9	102.7	154.1	
129	88.9	70.3	105.5	
131	87.4	68.2	102.4	





#65

Chlorobenzene

Concen: 19.222 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion:112 Resp: 154800

Ion Ratio Lower Upper

112 100

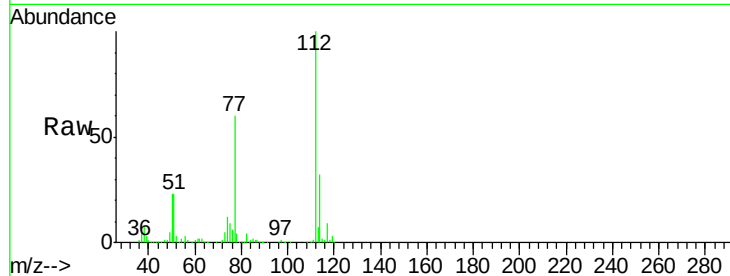
114 31.8 25.9 38.9

Manual Integrations

APPROVED

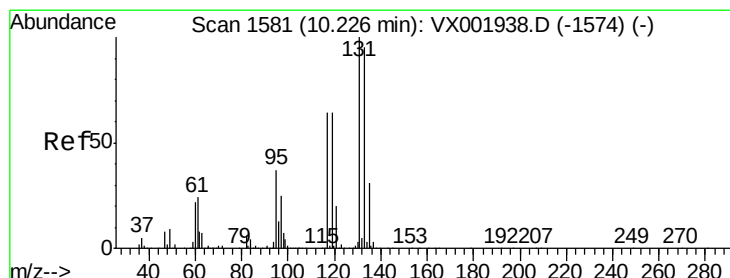
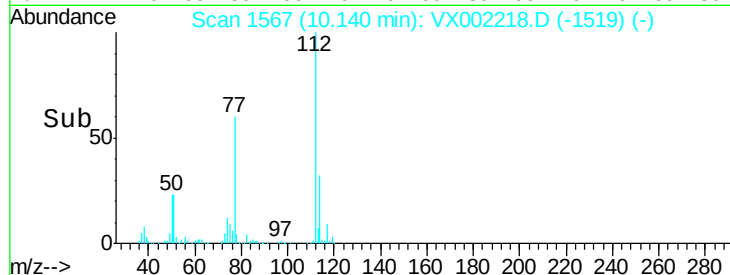
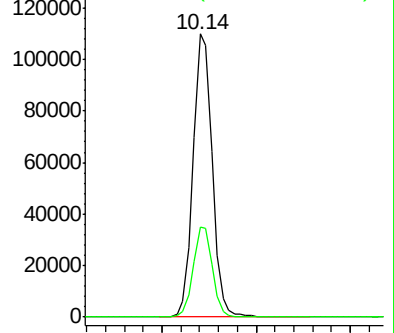
MMDadoda

6/4/2018 2:31:33 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.733 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

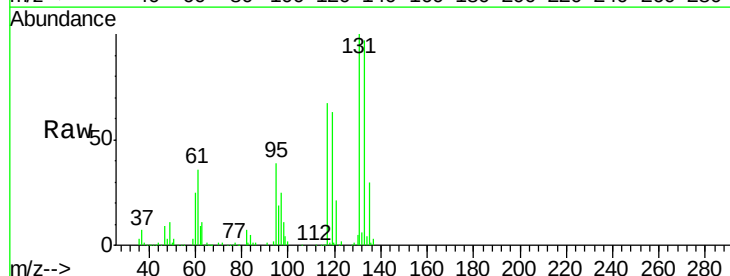
Tgt Ion:131 Resp: 54416

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.0

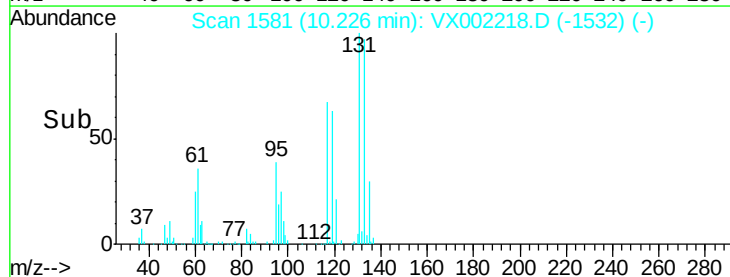
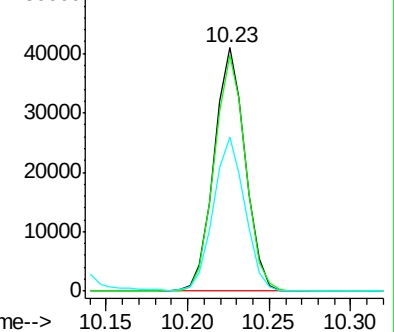
119 64.0 31.9 95.5

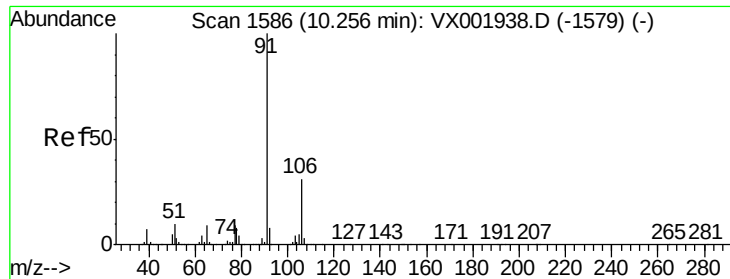


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.758 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 91 Resp: 262460

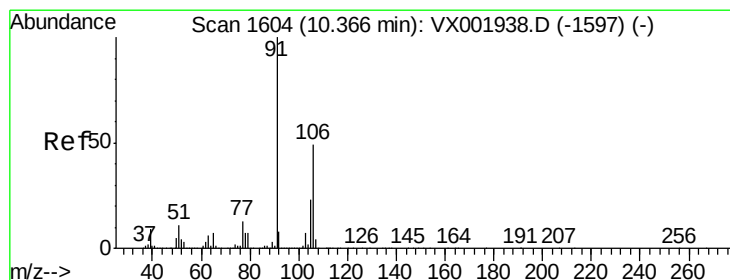
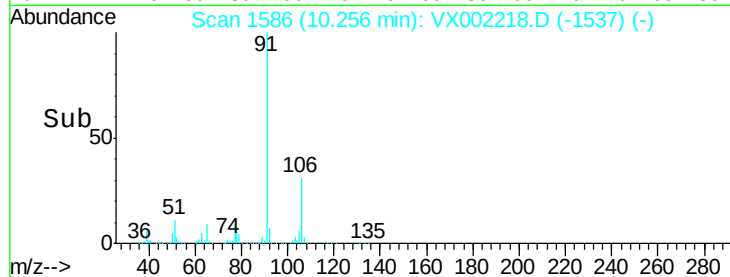
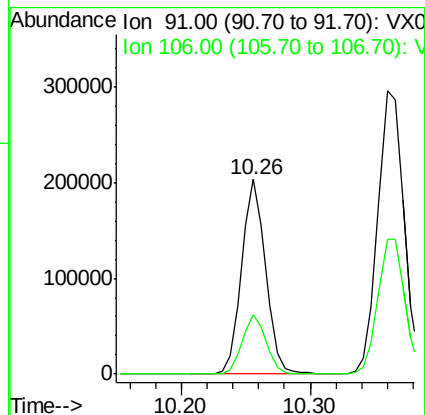
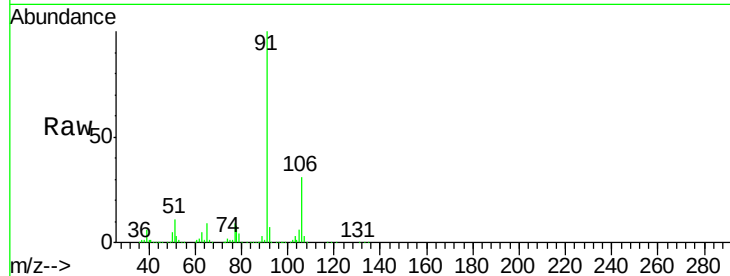
Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.883 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002218.D

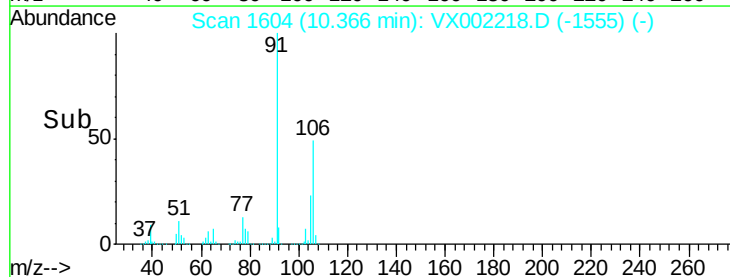
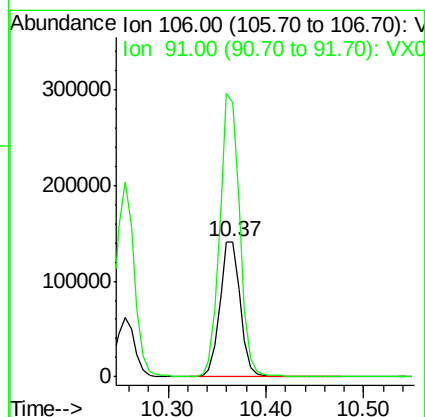
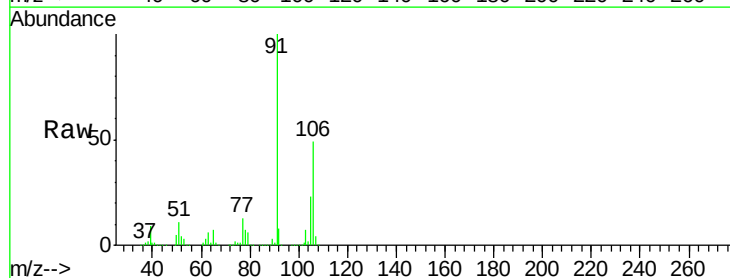
Acq: 01 Jun 2018 18:09

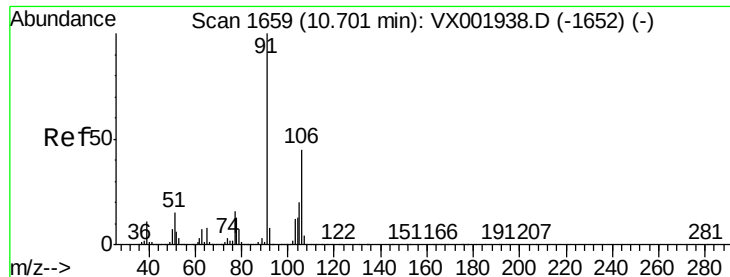
Tgt Ion: 106 Resp: 202622

Ion Ratio Lower Upper

106 100

91 205.8 165.0 247.6





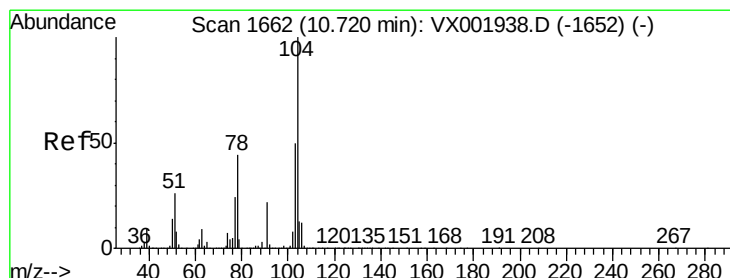
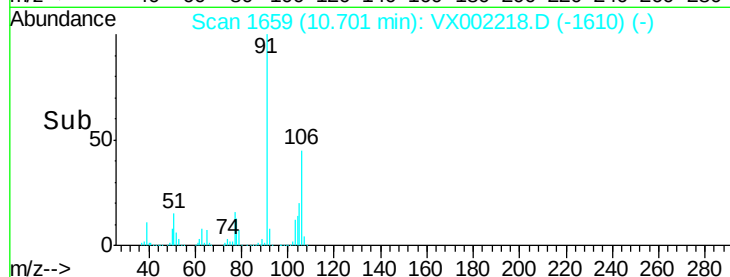
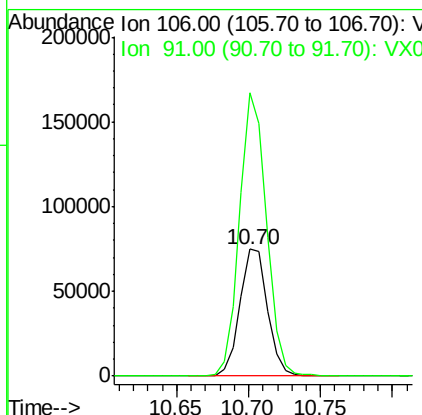
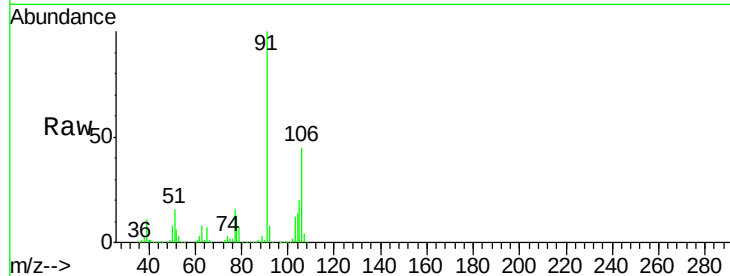
#69
o-Xylene
Concen: 18.767 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion:106 Resp: 100226
Ion Ratio Lower Upper
106 100
91 218.5 108.7 325.9

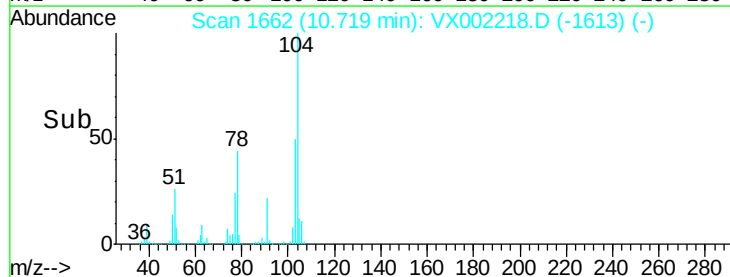
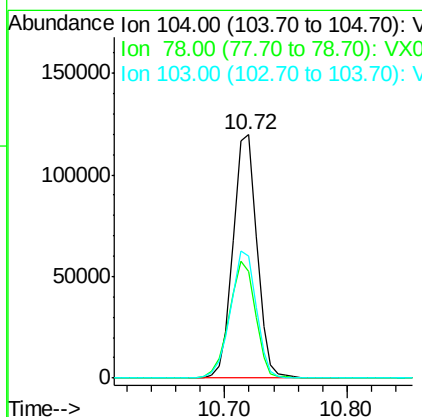
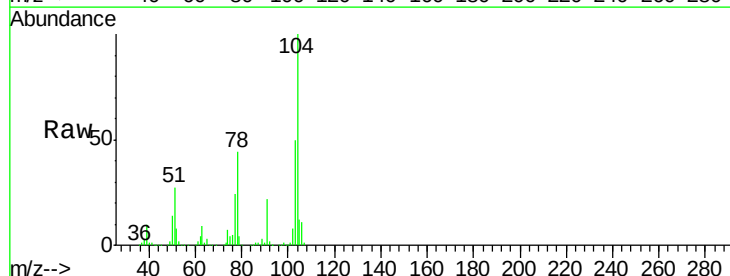
Manual Integrations
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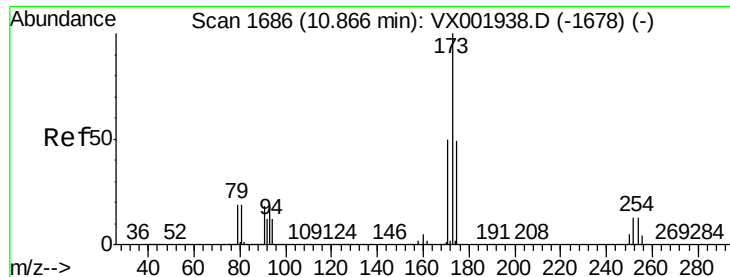
MMDadoda
6/4/2018 2:31:33 PM



#70
Styrene
Concen: 18.250 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion:104 Resp: 161641
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.6
103 56.7 44.6 67.0





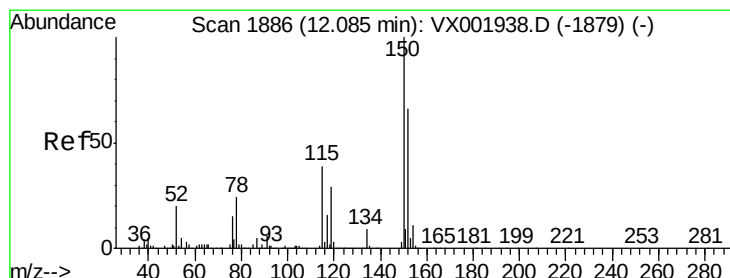
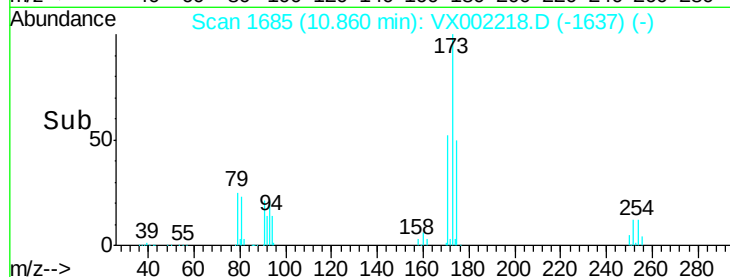
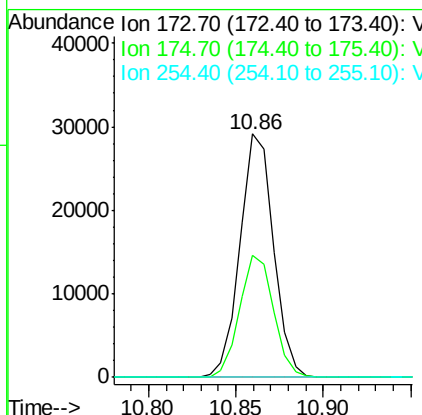
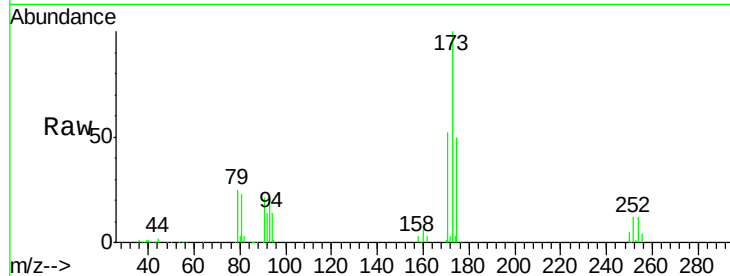
#71
Bromoform
Concen: 12.586 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	38811		
175	50.9	24.3	72.9	
254	0.1	0.1	0.1#	

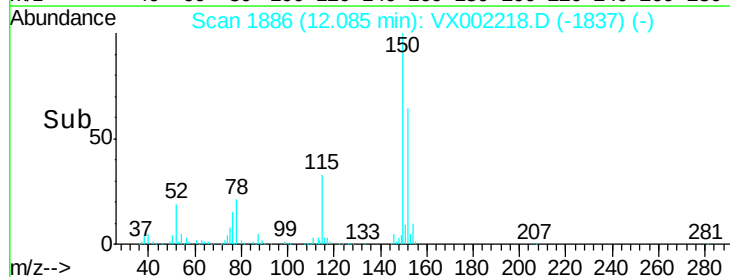
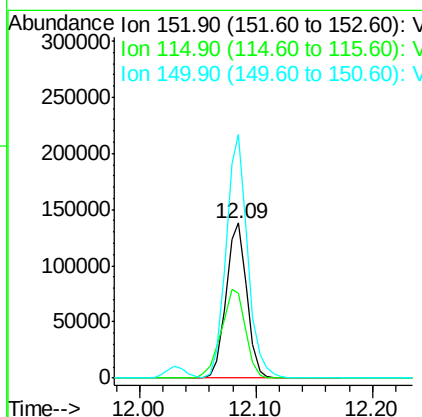
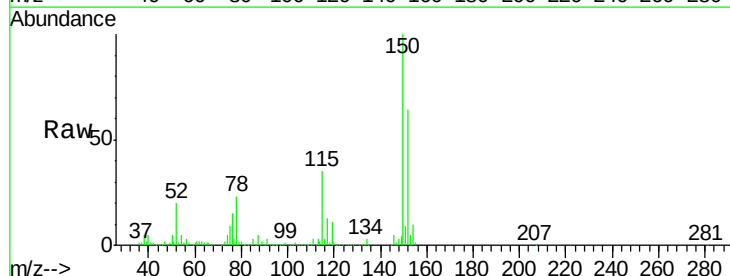
Manual Integrations
APPROVED

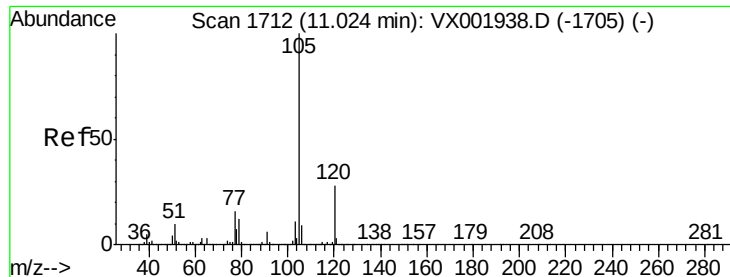
MMDadoda
6/4/2018 2:31:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	168487		
115	66.7	42.3	126.8	
150	163.0	0.0	351.0	





#73

Isopropylbenzene

Concen: 19.083 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 105 Resp: 272272

Ion Ratio Lower Upper

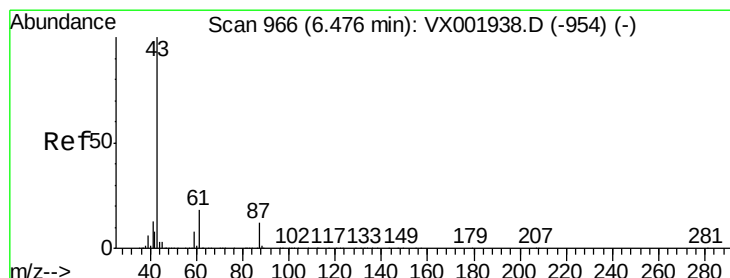
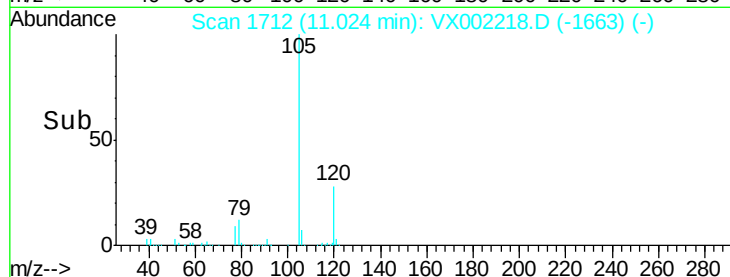
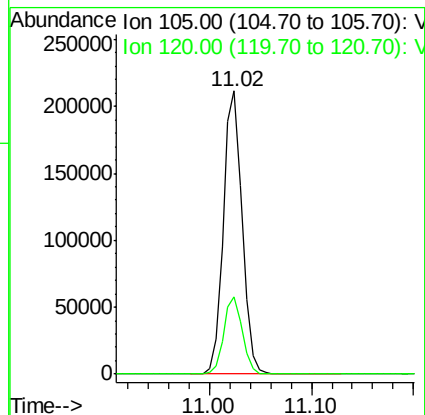
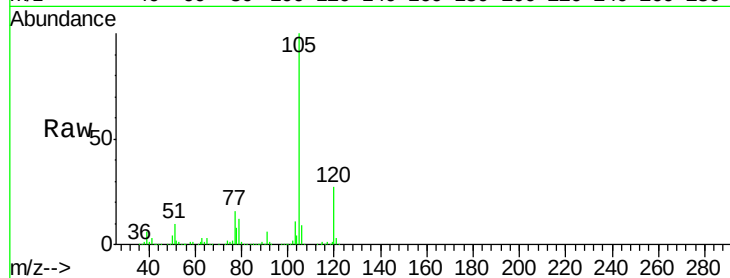
105 100

120 26.8 13.6 40.7

Manual Integrations
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6/4/2018 2:31:33 PM



#74

N-ethyl acetate

Concen: 17.760 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion: 43 Resp: 146502

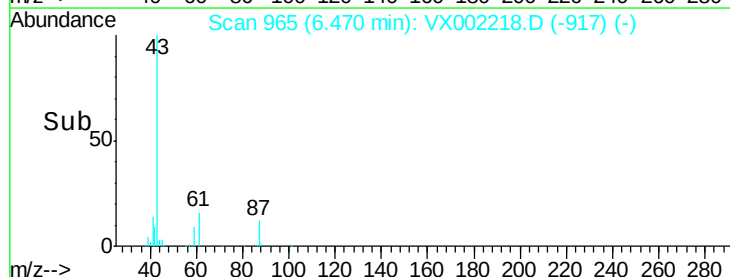
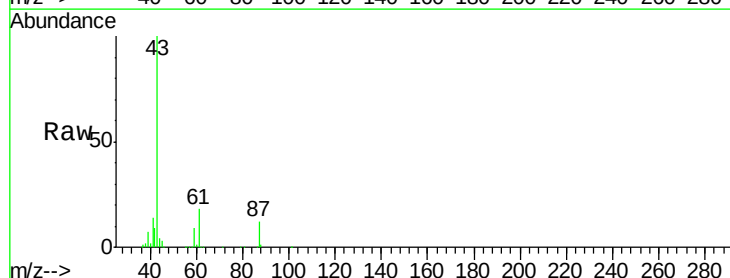
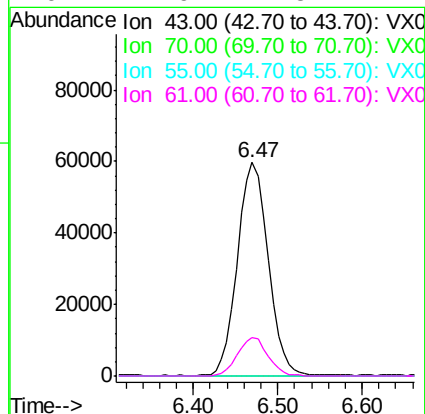
Ion Ratio Lower Upper

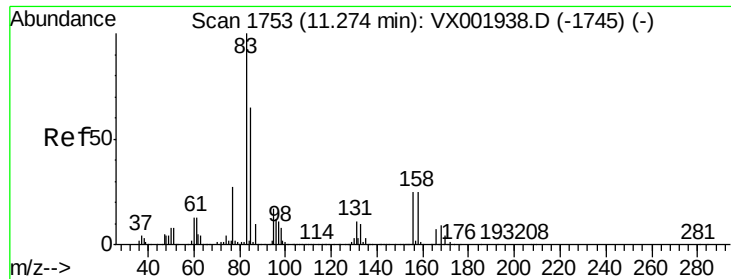
43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 17.9 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.527 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

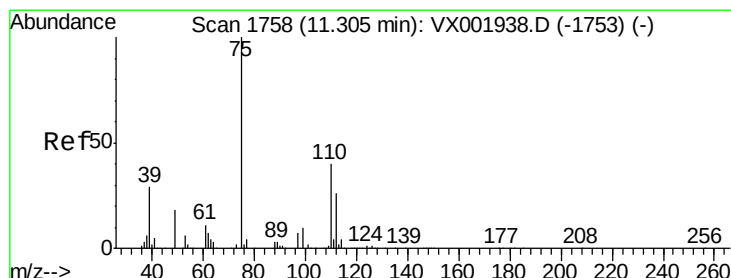
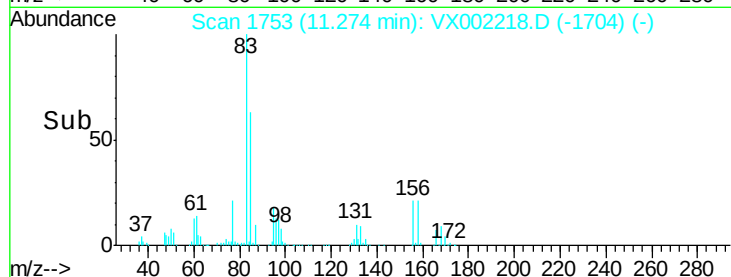
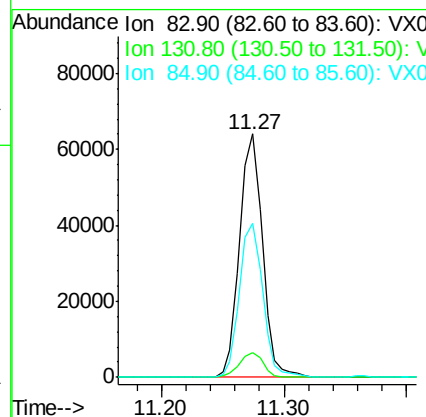
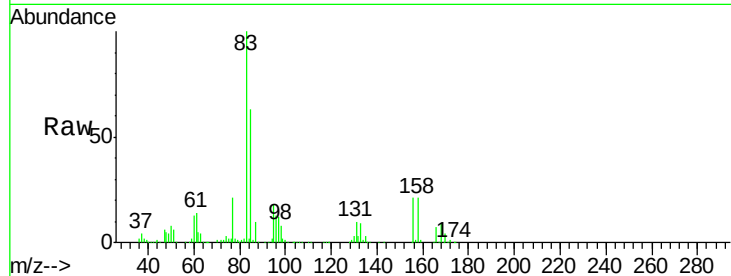
ClientSampleId :

VX0601WBSD01

Tgt Ion:	83	Resp:	83012
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	64.5	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.568 ug/l m

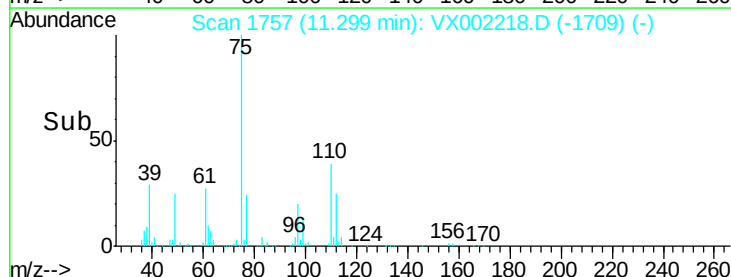
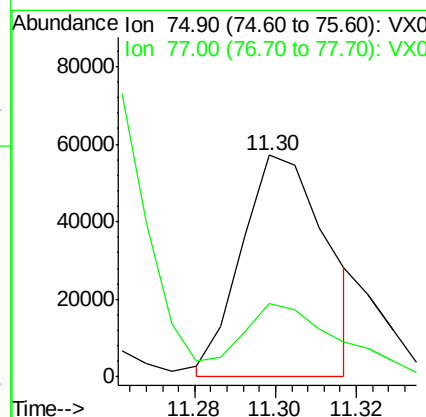
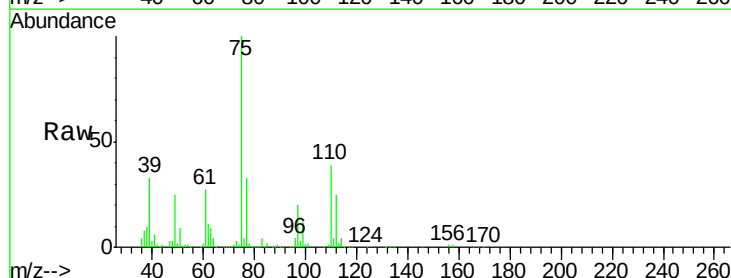
RT: 11.30 min Scan# 1757

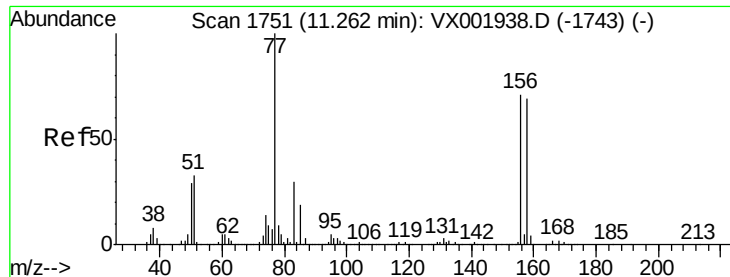
Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	75	Resp:	83239
Ion Ratio	Lower	Upper	
75	100		
77	38.3	22.8	68.3





#77

Bromobenzene

Concen: 19.399 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion:156 Resp: 73435

Ion Ratio Lower Upper

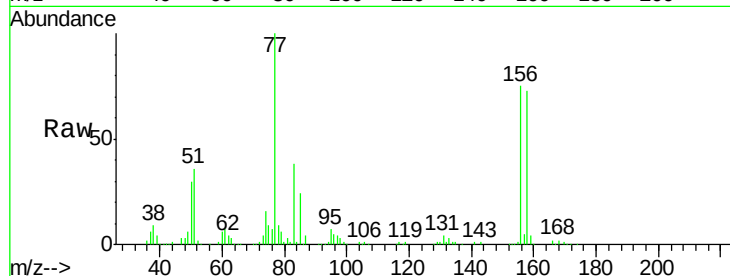
156 100

77 140.9 75.2 225.6

158 96.2 48.6 145.8

Manual Integrations
APPROVED

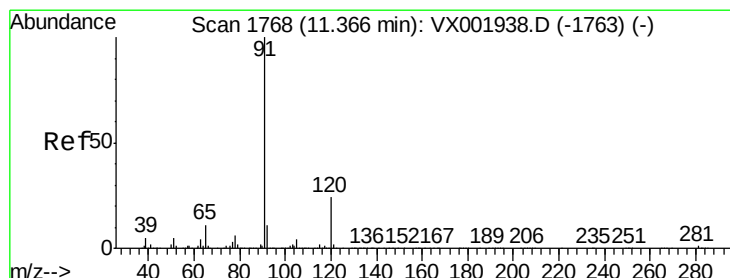
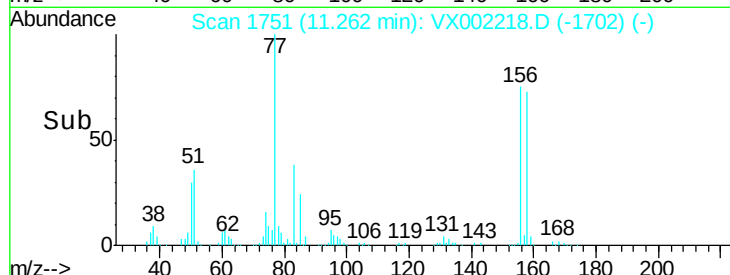
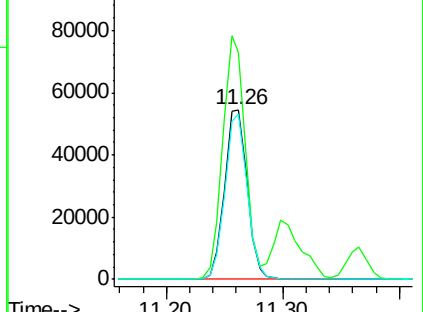
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.155 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002218.D

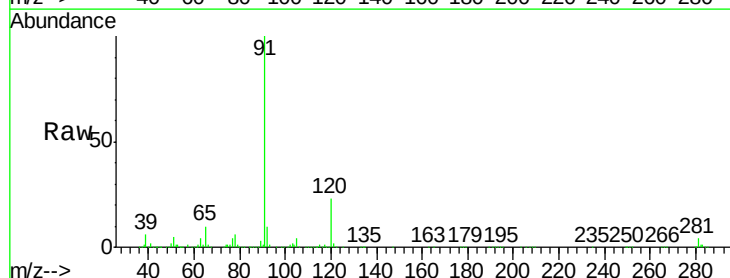
Acq: 01 Jun 2018 18:09

Tgt Ion: 91 Resp: 306093

Ion Ratio Lower Upper

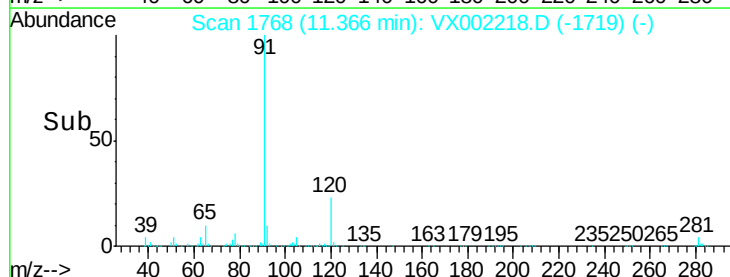
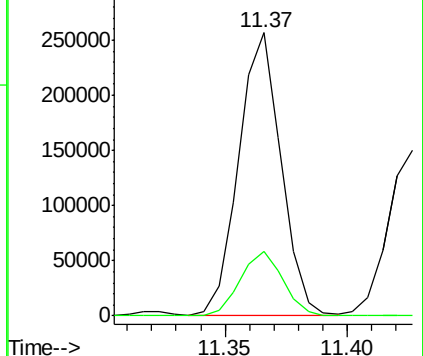
91 100

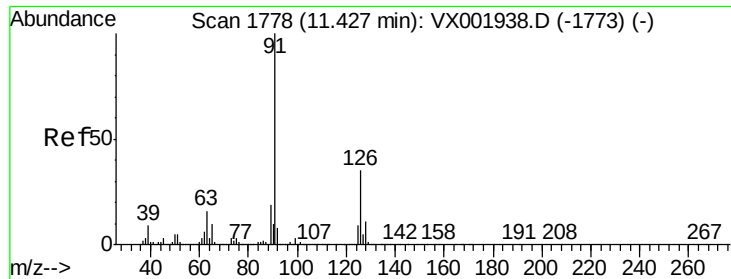
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.580 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBSD01

Tgt Ion: 91 Resp: 183929

Ion Ratio Lower Upper

91 100

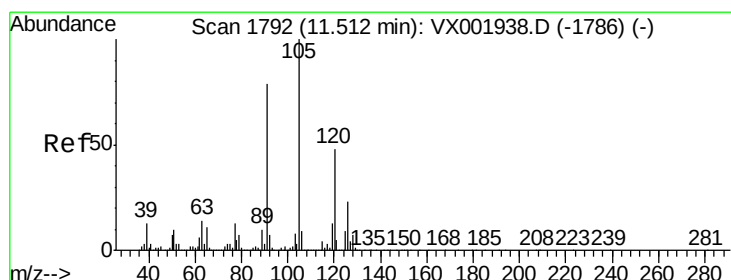
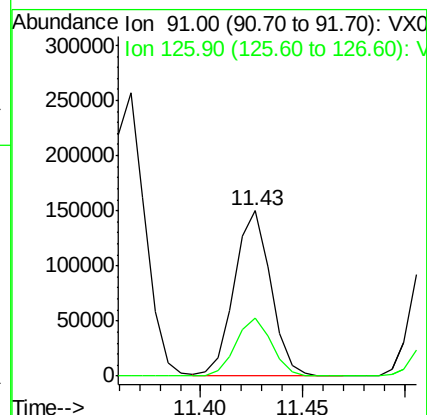
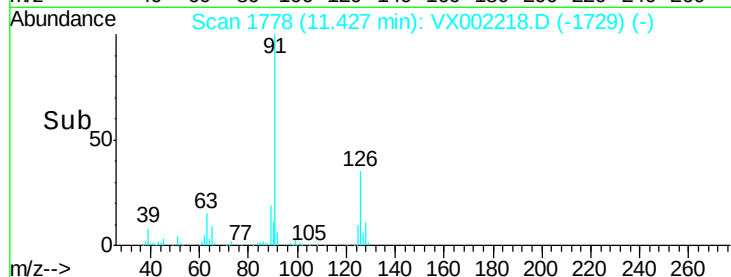
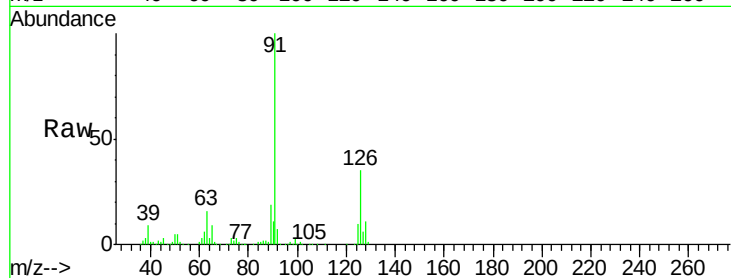
126 35.0 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.956 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002218.D

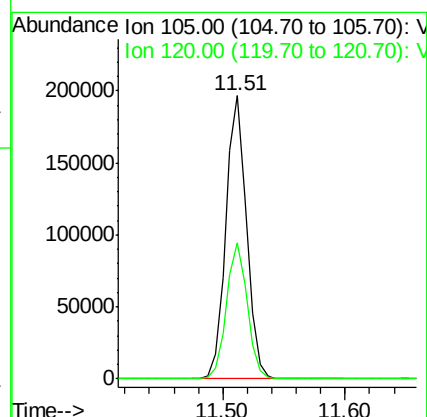
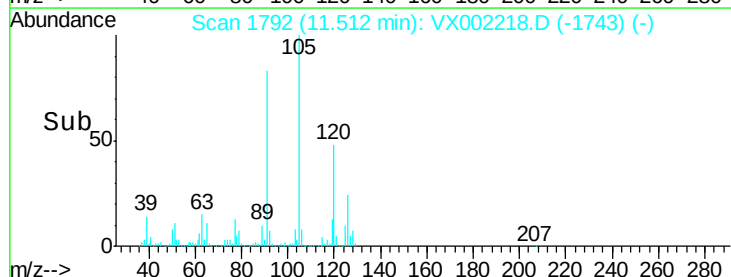
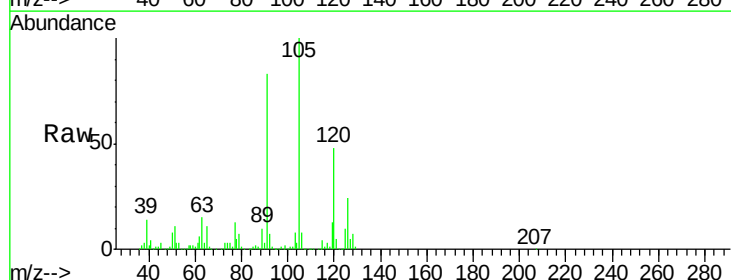
Acq: 01 Jun 2018 18:09

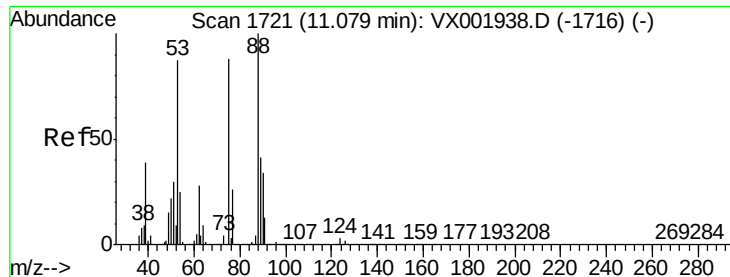
Tgt Ion: 105 Resp: 231126

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.4





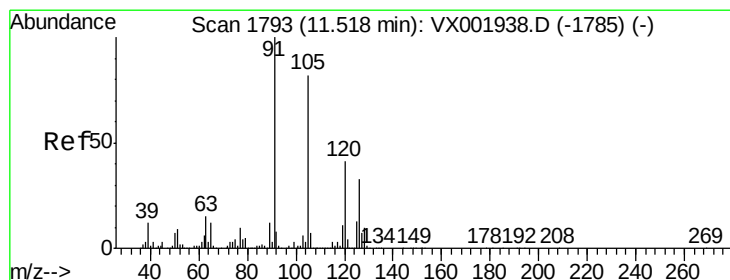
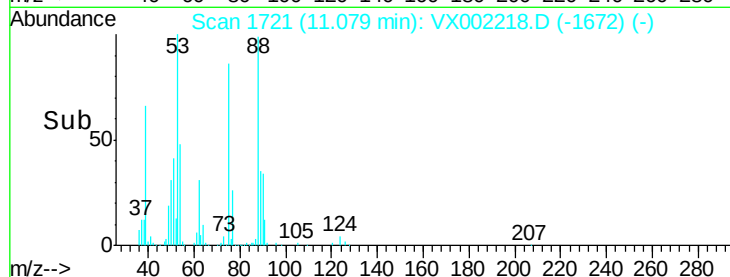
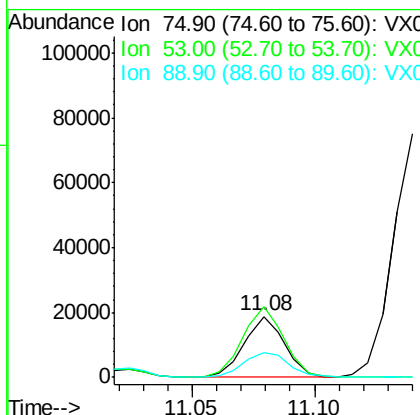
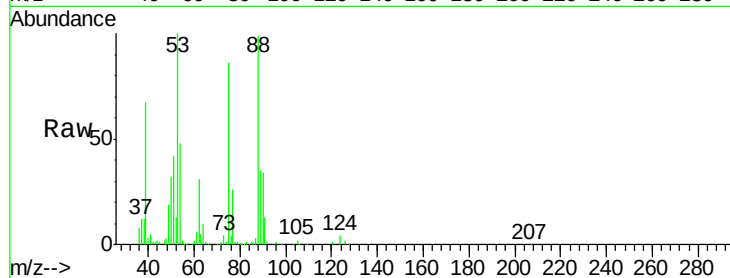
#81
trans-1,4-Dichloro-2-butene
Concen: 12.599 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	120.9	78.0	117.0#
89	47.4	39.4	59.2

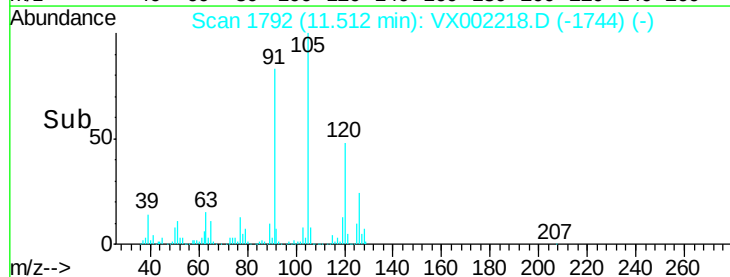
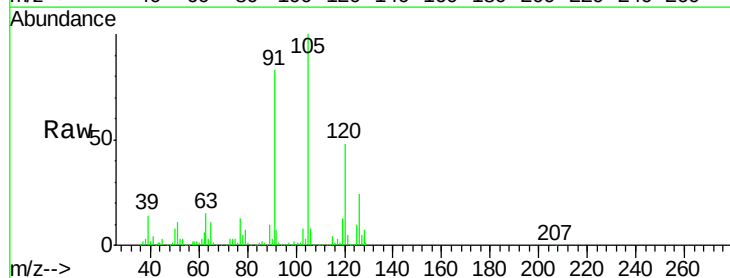
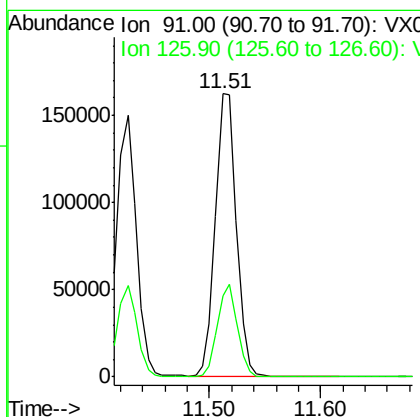
Manual Integrations
APPROVED

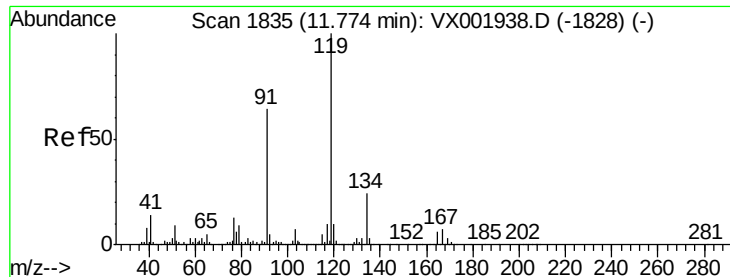
MMDadoda
6/4/2018 2:31:33 PM



#82
4-Chlorotoluene
Concen: 18.953 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





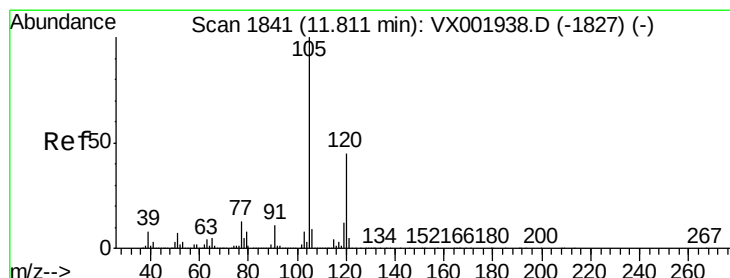
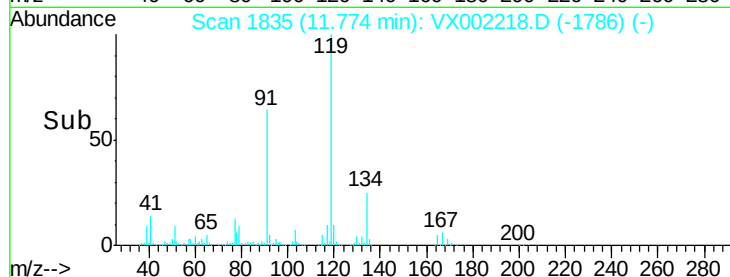
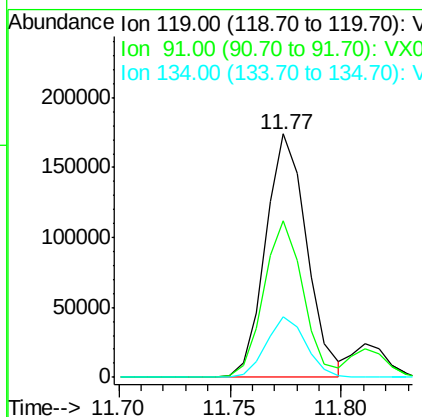
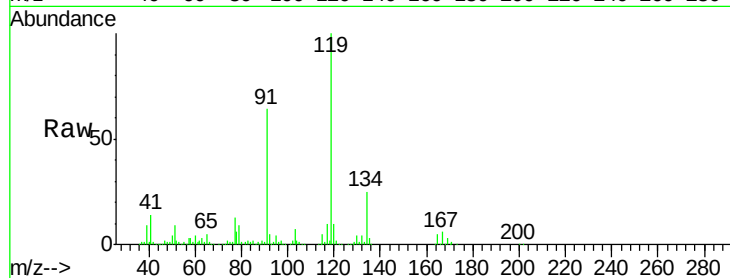
#83
 tert-Butylbenzene
 Concen: 18.660 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	223271		
91	61.7	30.6	91.8	
134	24.1	11.7	35.0	

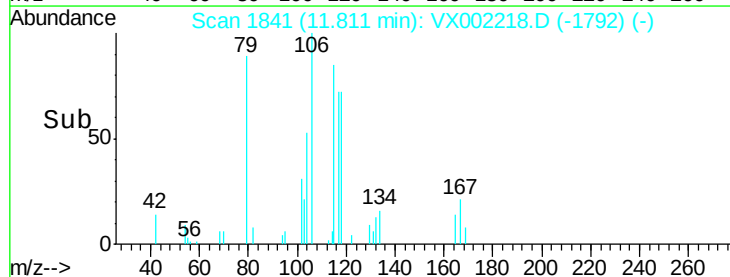
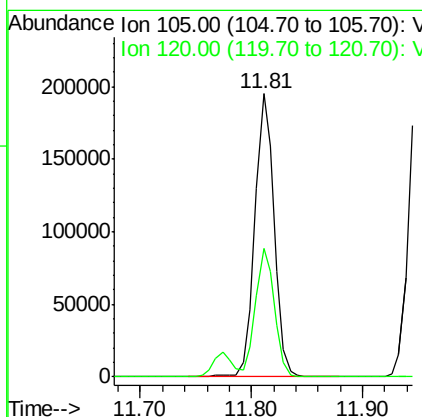
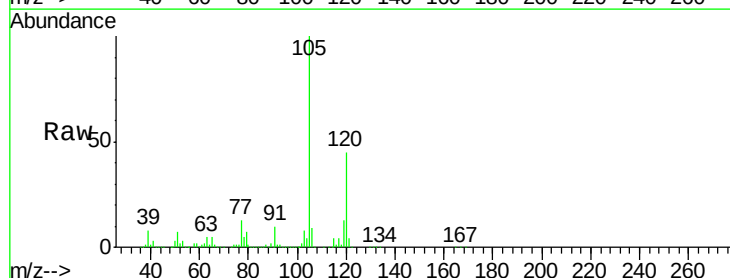
Manual Integrations
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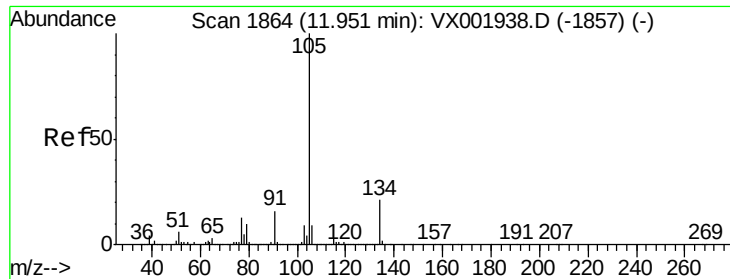
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.695 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235560		
120	44.4	22.1	66.5	





#85

sec-Butylbenzene

Concen: 19.392 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

VX0601WBSD01

Tgt Ion:105 Resp: 278922

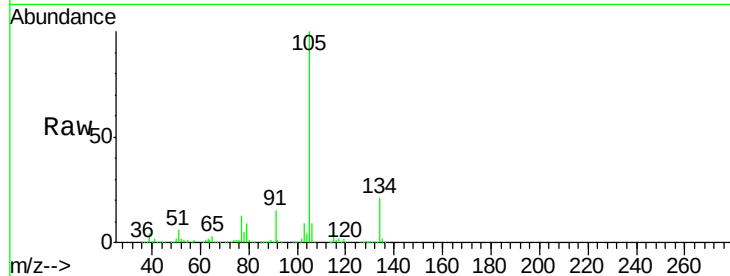
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4

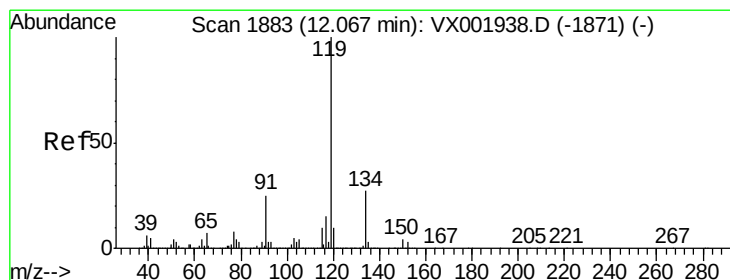
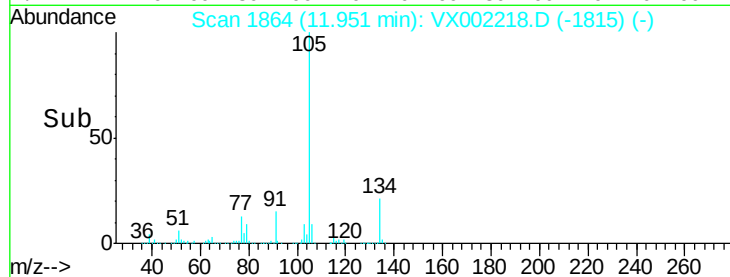
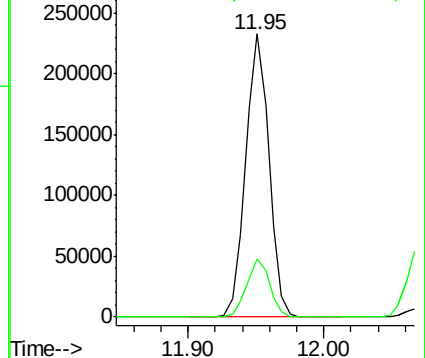
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.199 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

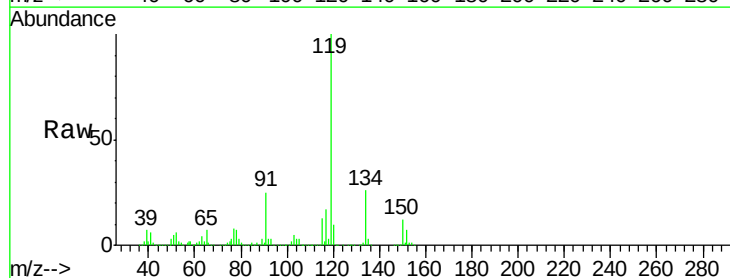
Tgt Ion:119 Resp: 247098

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

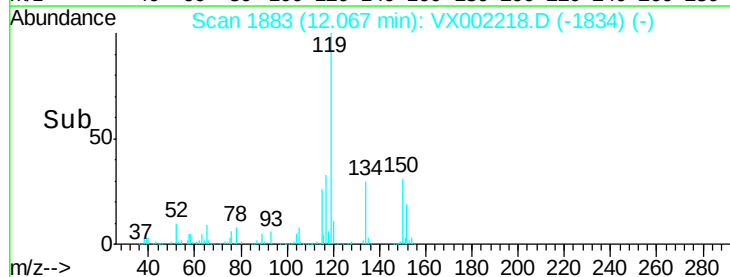
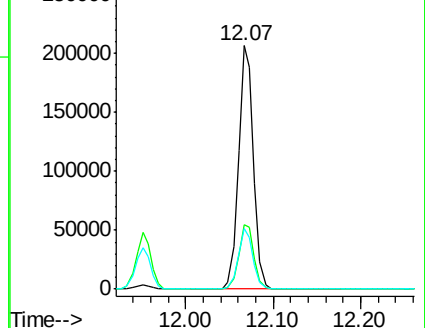
91 24.2 12.2 36.4

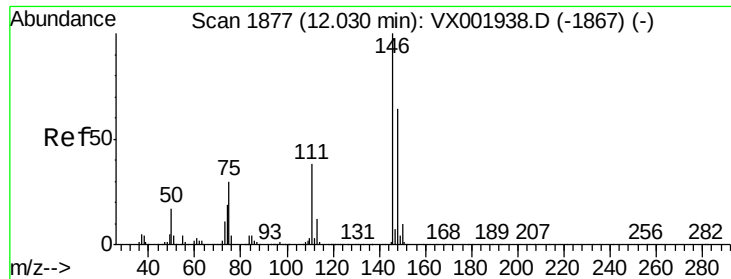


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





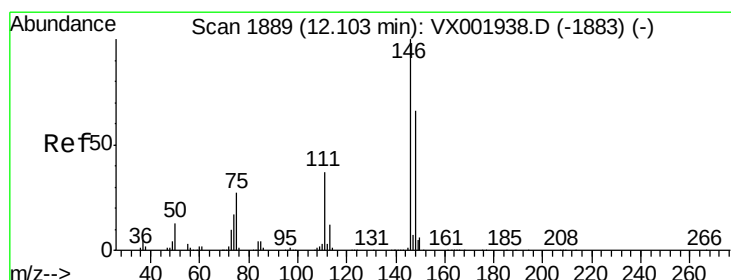
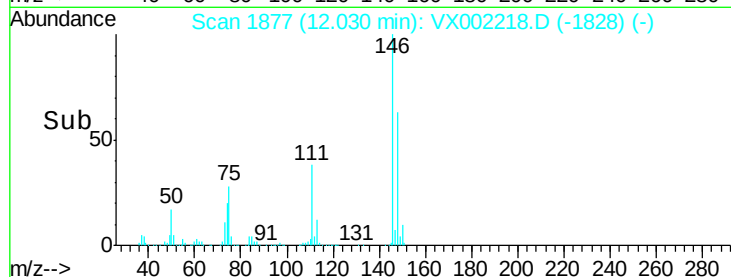
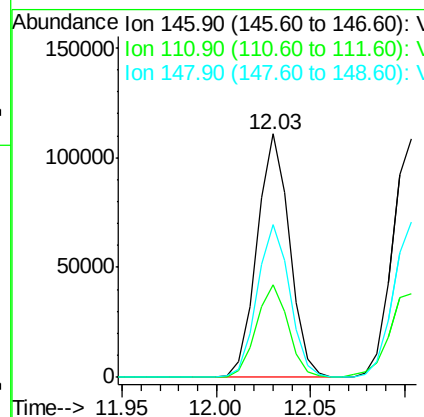
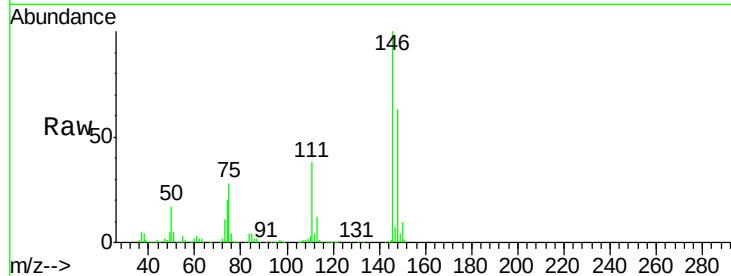
#87
 1,3-Dichlorobenzene
 Concen: 19.557 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132581		
111	37.5	19.3	57.8	
148	62.9	32.1	96.3	

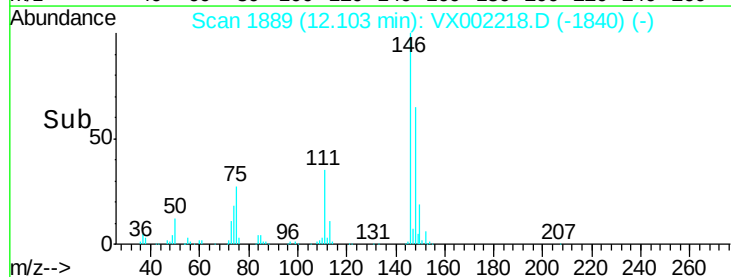
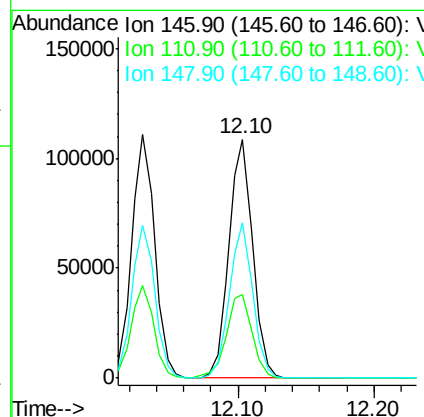
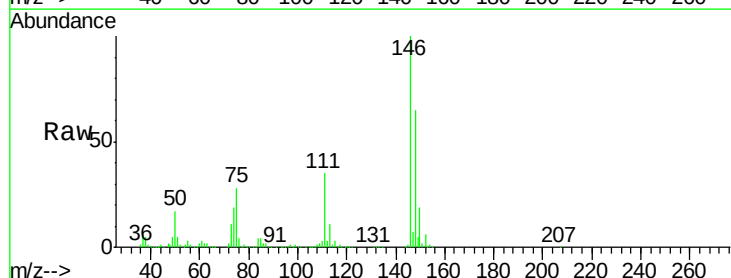
Manual Integrations
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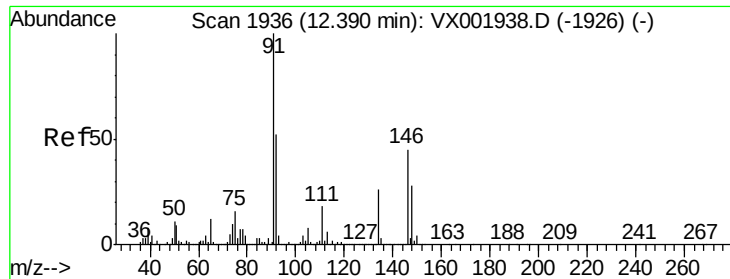
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 6/4/2018 2:31:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.465 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	131928		
111	37.8	18.9	56.5	
148	63.8	32.3	96.8	





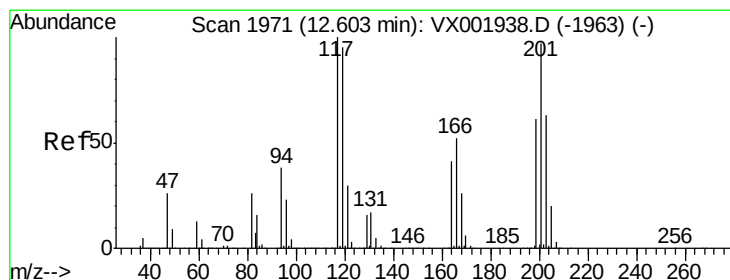
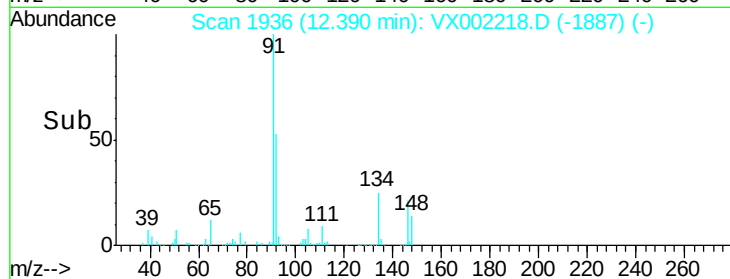
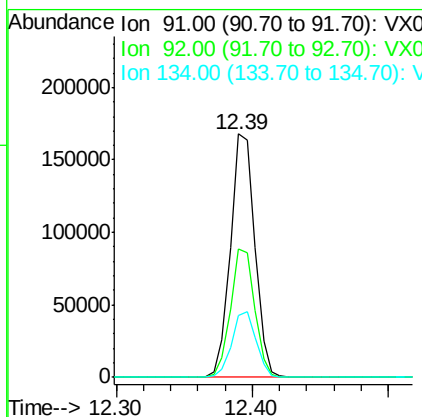
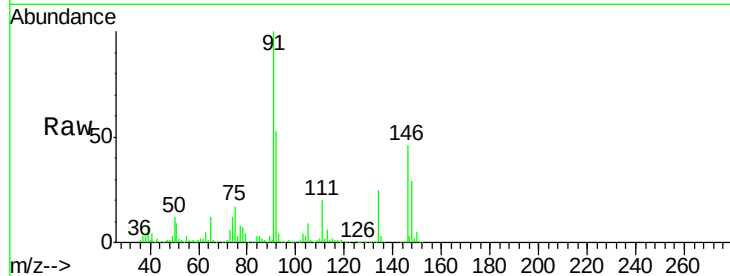
#89
n-Butylbenzene
Concen: 19.227 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.6	13.6	40.7

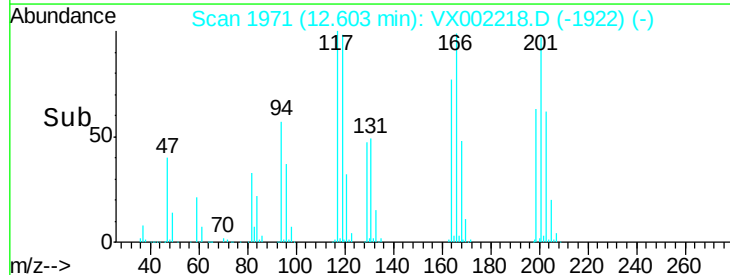
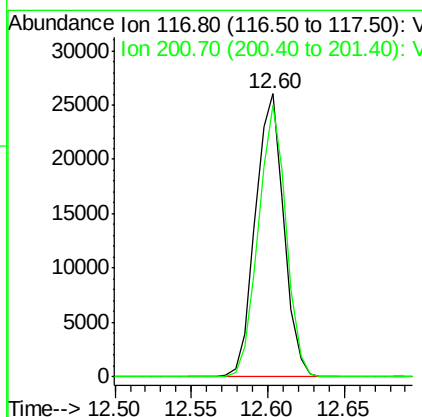
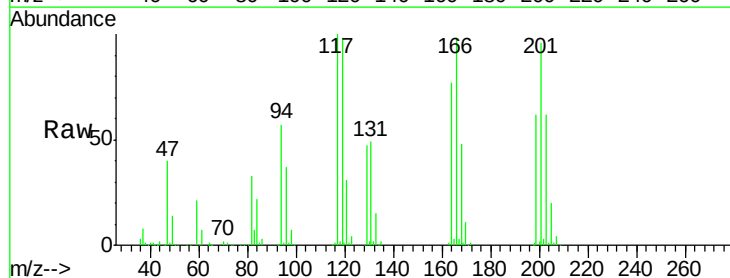
Manual Integrations
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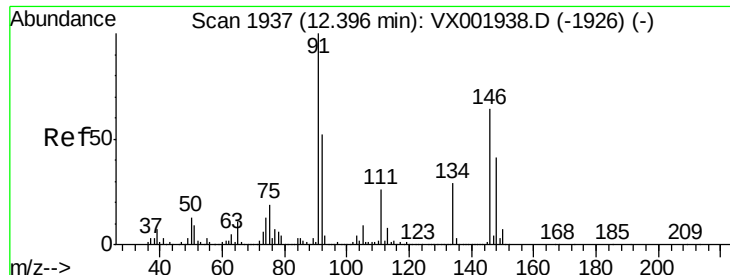
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#90
Hexachloroethane
Concen: 13.301 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	48.0	144.0





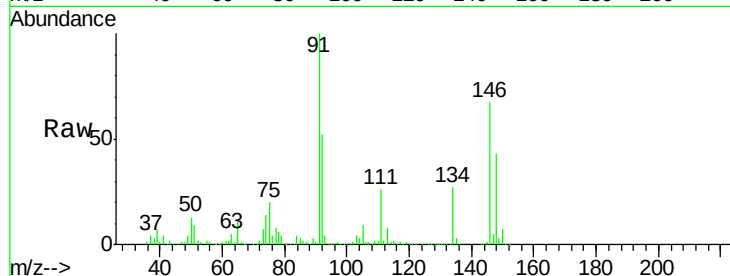
#91
 1,2-Dichlorobenzene
 Concen: 19.542 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

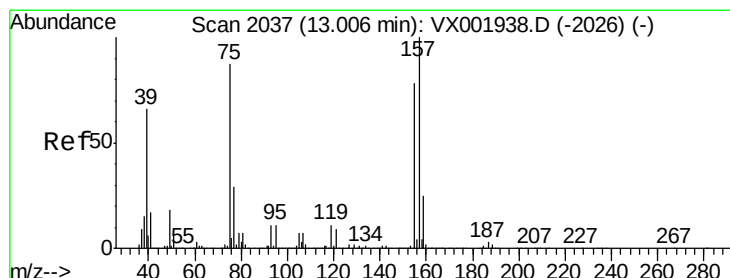
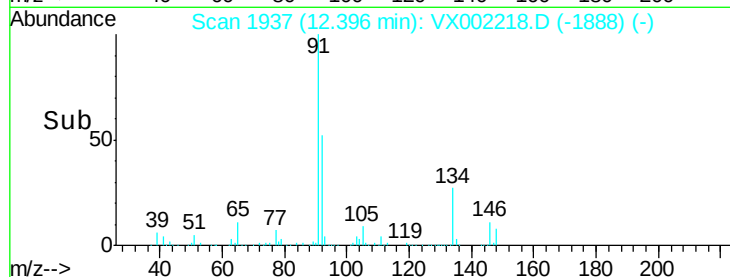
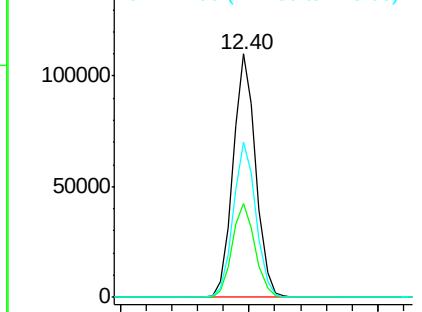
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.3
148	63.8	32.1	96.5

Manual Integrations
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 6/4/2018 2:31:33 PM

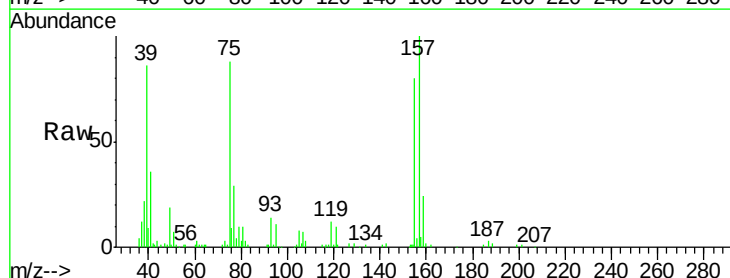


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

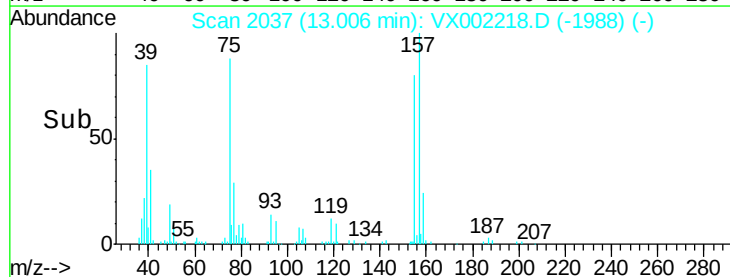
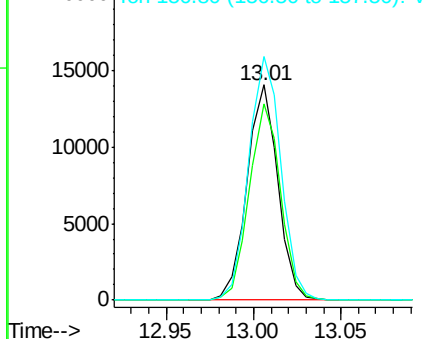


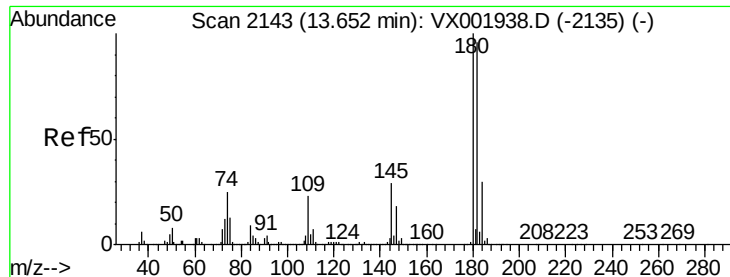
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.587 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	45.1	135.2
157	118.0	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





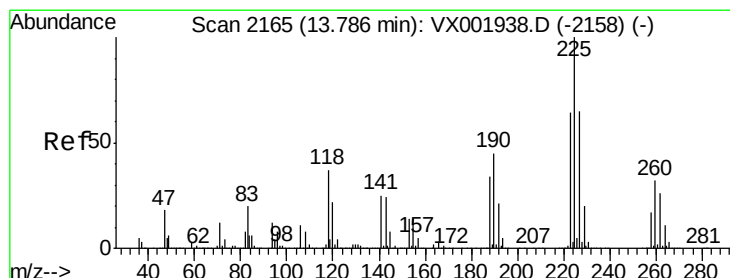
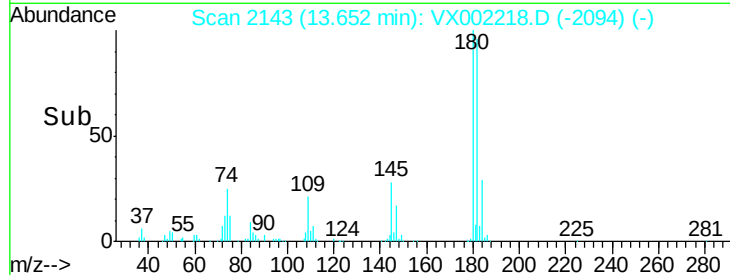
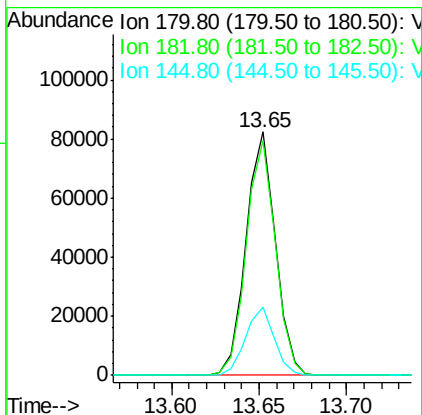
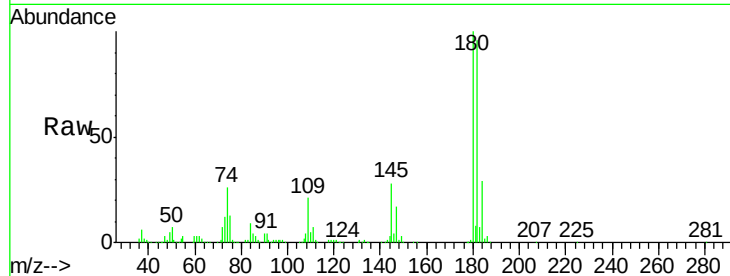
#93
 1,2,4-Trichlorobenzene
 Concen: 19.367 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0601WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	27.7	14.4	43.0

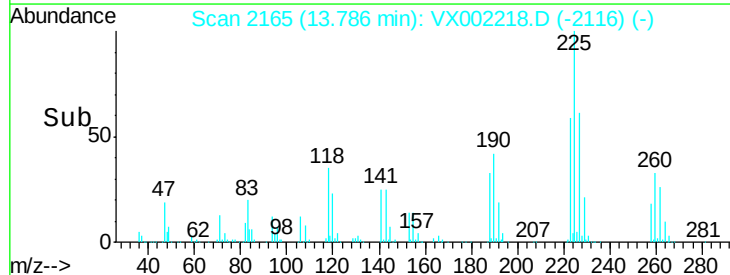
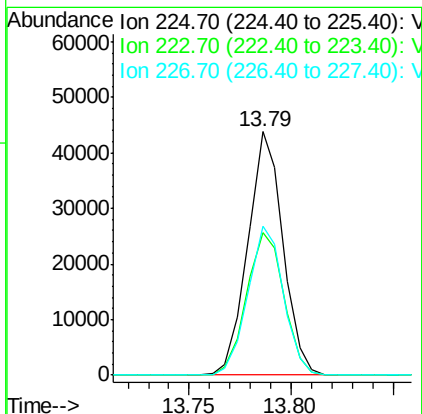
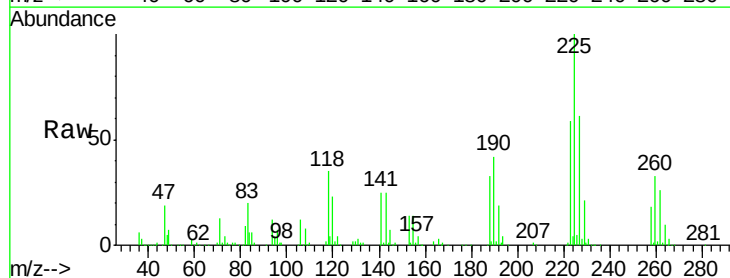
Manual Integrations
 APPROVED

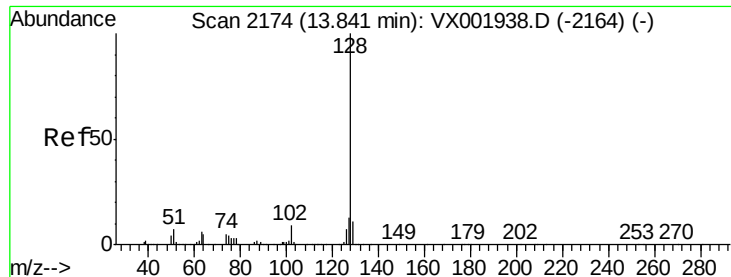
MMDadoda
 6/4/2018 2:31:33 PM



#94
 Hexachlorobutadiene
 Concen: 19.749 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.5
227	62.0	32.1	96.5





#95

Naphthalene

Concen: 18.792 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

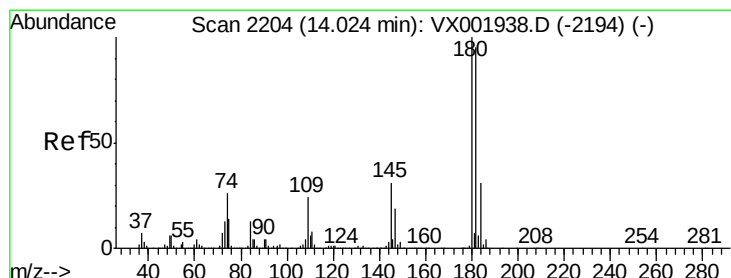
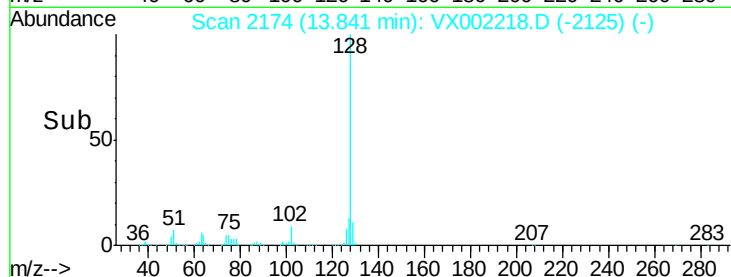
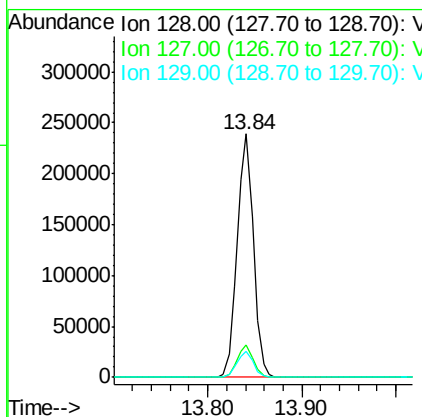
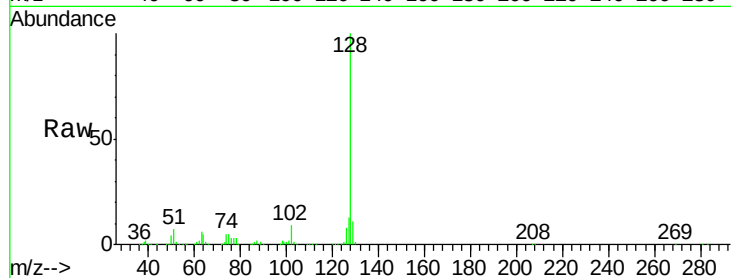
ClientSampleId :

VX0601WBSD01

Tgt Ion:	128	Resp:	285960
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.511 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion:	180	Resp:	99713
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.9	143.6
145	29.8	15.1	45.3

