

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001823.D
 Acq On : 18 May 2018 14:00
 Operator : JC/MD
 Sample : VX0518WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 2:40:36 PM

Quant Time: May 19 03:37:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187416	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
35) Dibromofluoromethane	5.51	113	168683	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	634412	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	194638	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	51558	15.82	ug/l	100
3) Chloromethane	1.32	50	59665	16.95	ug/l	99
4) Vinyl Chloride	1.40	62	62559	16.44	ug/l	98
5) Bromomethane	1.64	94	35367	20.19	ug/l	96
6) Chloroethane	1.72	64	40283	16.80	ug/l	97
7) Trichlorofluoromethane	1.93	101	90432	16.35	ug/l	99
8) Diethyl Ether	2.19	74	37985	16.69	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57550	17.29	ug/l	98
10) Methyl Iodide	2.51	142	63459	20.72	ug/l	99
11) Tert butyl alcohol	3.07	59	69495	89.93	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51424	16.02	ug/l	99
13) Acrolein	2.29	56	41886	76.42	ug/l	98
14) Allyl chloride	2.73	41	98527	16.61	ug/l	97
15) Acrylonitrile	3.15	53	164411	84.71	ug/l	100
16) Acetone	2.45	43	155986	91.24	ug/l	99
17) Carbon Disulfide	2.57	76	118062	14.10	ug/l	100
18) Methyl Acetate	2.78	43	90253	18.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	178997	16.55	ug/l	100
20) Methylene Chloride	2.86	84	60112	16.43	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55750	15.77	ug/l	97
22) Diisopropyl ether	3.87	45	189116	16.62	ug/l	99
23) Vinyl Acetate	3.82	43	628024	76.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	105017	16.83	ug/l	100
25) 2-Butanone	4.71	43	233511	89.22	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82967	16.51	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	67740	16.84	ug/l	99
28) Bromochloromethane	5.01	49	48813	17.61	ug/l	100
29) Tetrahydrofuran	5.17	42	145474	85.27	ug/l	100
30) Chloroform	5.22	83	109683	16.73	ug/l	97
31) Cyclohexane	5.57	56	93961	17.17	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	94110	16.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78671	16.97	ug/l	99
37) Ethyl Acetate	4.87	43	84236	17.44	ug/l	99
38) Carbon Tetrachloride	5.78	117	83785	17.25	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98155	18.12	ug/l	99
40) Benzene	6.15	78	248803	18.22	ug/l	99
41) Methacrylonitrile	5.07	41	48845	17.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84890	17.18	ug/l	98
43) Isopropyl Acetate	6.47	43	128885	17.04	ug/l	99
44) Trichloroethene	7.21	130	75575	17.83	ug/l	98
45) 1,2-Dichloropropane	7.52	63	62001	18.50	ug/l	97
46) Dibromomethane	7.67	93	40389	17.16	ug/l	95
47) Bromodichloromethane	7.90	83	76867	17.60	ug/l	95
48) Methyl methacrylate	7.78	41	67709	17.01	ug/l	96
49) 1,4-Dioxane	7.76	88	31314	408.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	439823	91.78	ug/l	100
52) Toluene	8.79	92	161991	18.46	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90048	17.52	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	78652	17.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63679	18.98	ug/l	98
56) Ethyl methacrylate	9.18	69	83646	17.58	ug/l	98
57) 1,3-Dichloropropane	9.38	76	92070	16.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219686	89.77	ug/l	100
59) 2-Hexanone	9.50	43	287984	83.95	ug/l	100
60) Dibromochloromethane	9.59	129	55387	16.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56741	16.16	ug/l	99
64) Tetrachloroethene	9.34	164	84994	20.30	ug/l	95
65) Chlorobenzene	10.14	112	154879	17.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56388	18.05	ug/l	99
67) Ethyl Benzene	10.26	91	253244	17.91	ug/l	100
68) m/p-Xylenes	10.36	106	202428	36.29	ug/l	100
69) o-Xylene	10.70	106	98079	18.36	ug/l	98
70) Styrene	10.72	104	158307	17.97	ug/l	100
71) Bromoform	10.86	173	43924	17.15	ug/l	99
73) Isopropylbenzene	11.02	105	263951	19.09	ug/l	99
74) N-amyl acetate	6.47	43	128885	19.44	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74370	17.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81338m	20.37	ug/l	
77) Bromobenzene	11.26	156	74417	18.32	ug/l	100
78) n-propylbenzene	11.37	91	291698	18.72	ug/l	99
79) 2-Chlorotoluene	11.43	91	175706	18.86	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221295	19.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19355	16.80	ug/l	93
82) 4-Chlorotoluene	11.51	91	203448	18.54	ug/l	99
83) tert-Butylbenzene	11.77	119	214809	19.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	226890	19.31	ug/l	99
85) sec-Butylbenzene	11.95	105	265949	19.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	244692	18.98	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	136446	18.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135798	17.48	ug/l	99
89) n-Butylbenzene	12.39	91	192516	17.26	ug/l	99
90) Hexachloroethane	12.60	117	37327	18.64	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	135720	18.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15993	18.07	ug/l	99

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 ClientSampleId :
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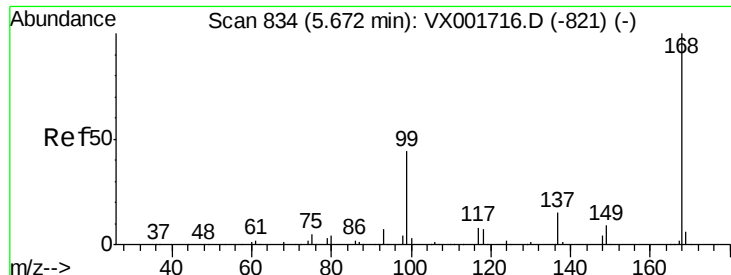
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102356	17.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	57223	17.86	ug/l	99
95) Naphthalene	13.84	128	271779	17.52	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105234	17.51	ug/l	99

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



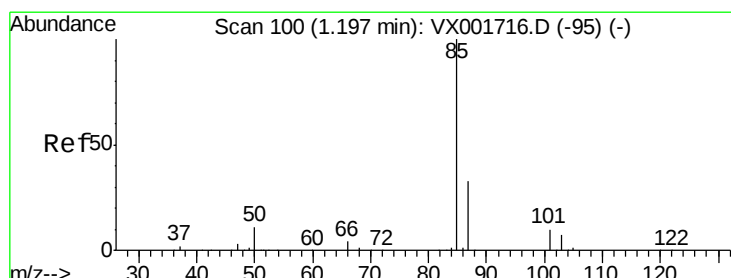
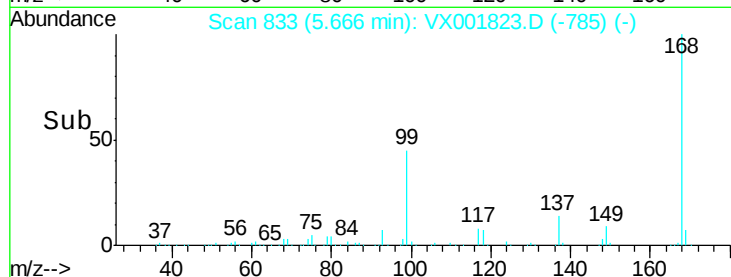
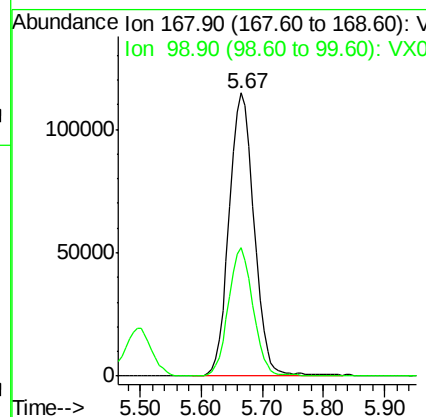
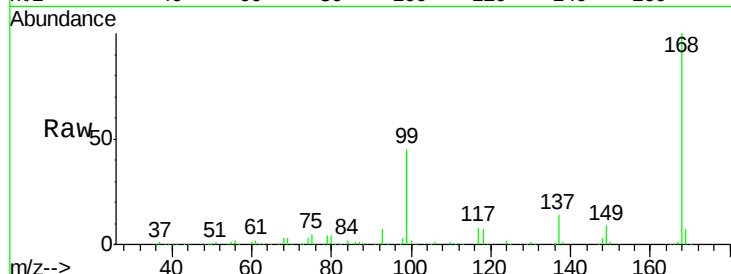
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion:168 Resp: 324729
Ion Ratio Lower Upper
168 100
99 45.1 35.0 52.4

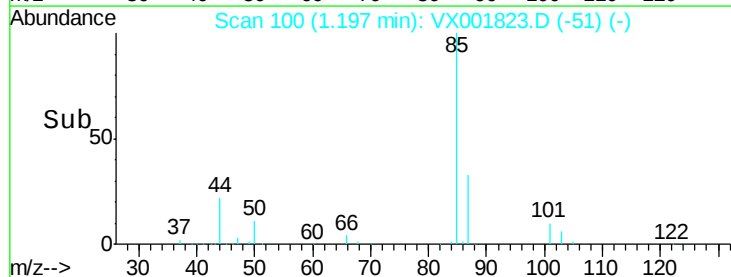
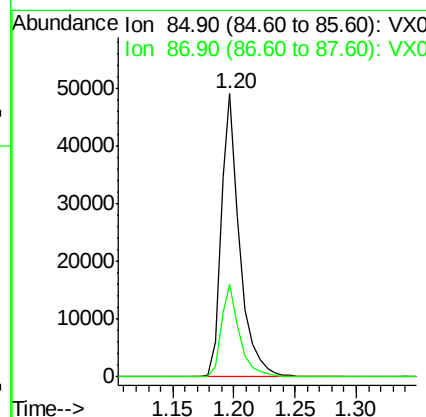
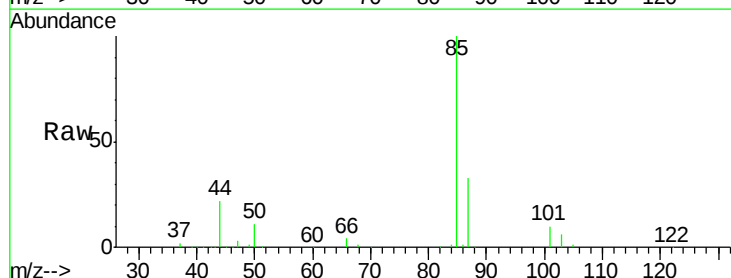
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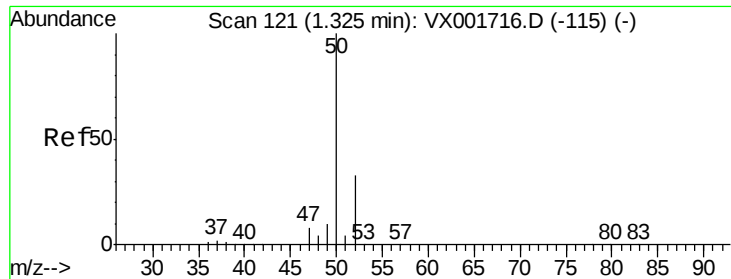
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#2
Dichlorodifluoromethane
Concen: 15.82 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 85 Resp: 51558
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3

Chloromethane

Concen: 16.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion: 50 Resp: 59665

Ion Ratio Lower Upper

50 100

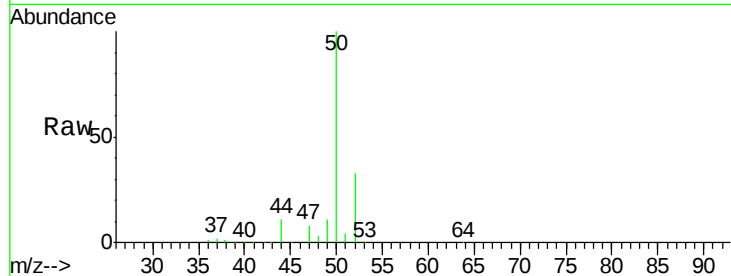
52 33.4 26.3 39.5

Manual Integrations

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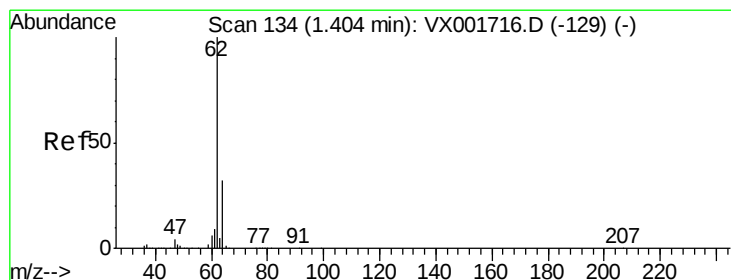
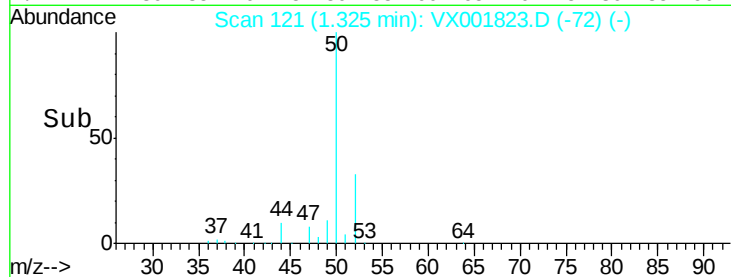
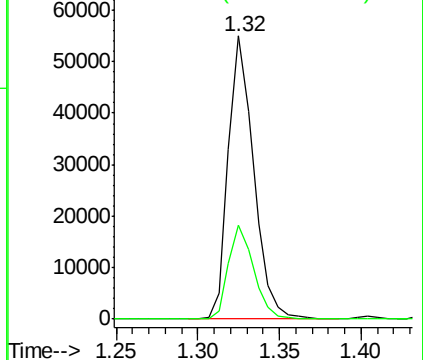
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001823.D

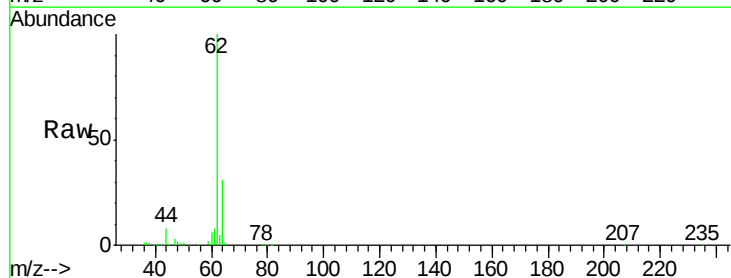
Acq: 18 May 2018 14:00

Tgt Ion: 62 Resp: 62559

Ion Ratio Lower Upper

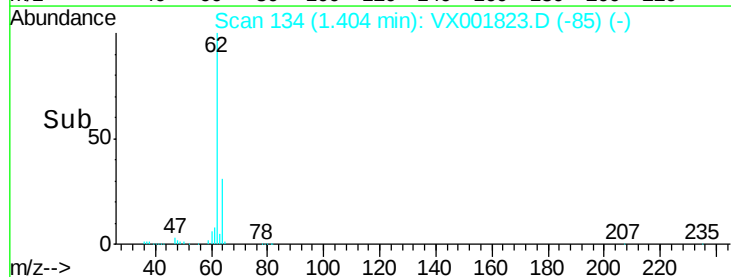
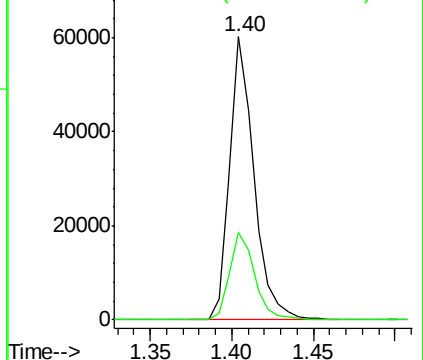
62 100

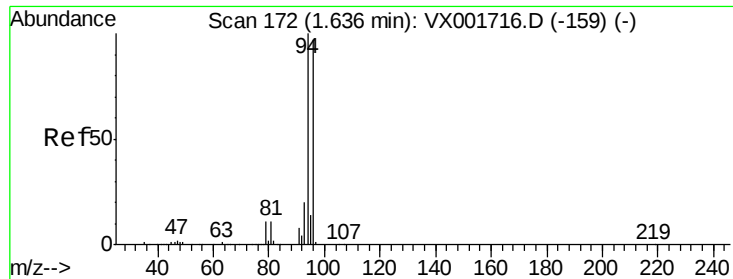
64 30.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion: 94 Resp: 35367

Ion Ratio Lower Upper

94 100

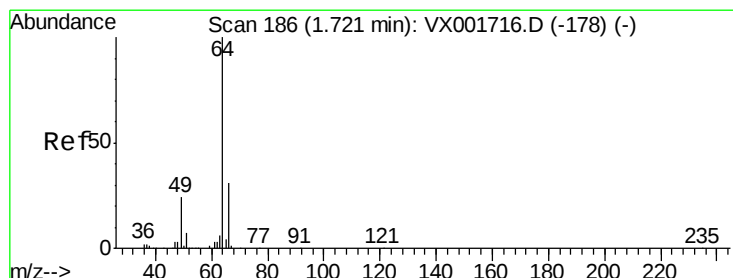
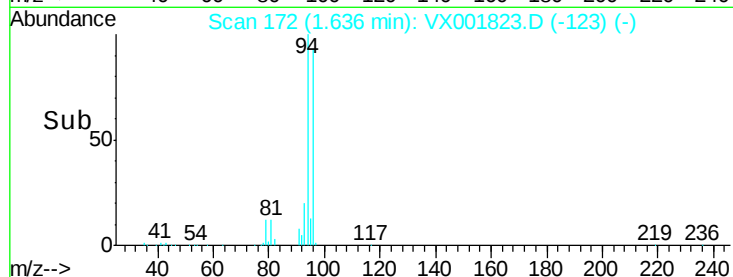
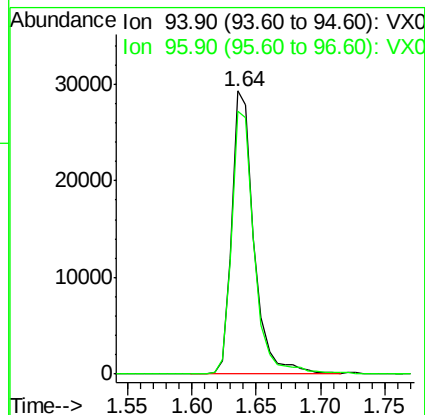
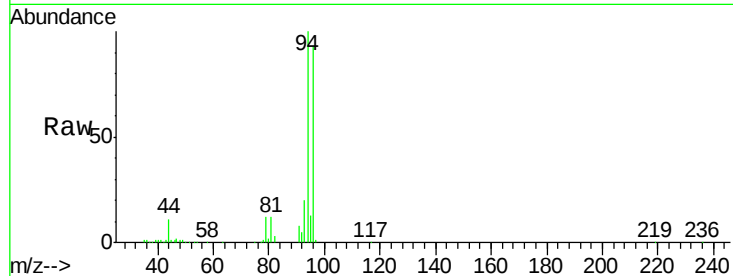
96 92.9 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 16.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001823.D

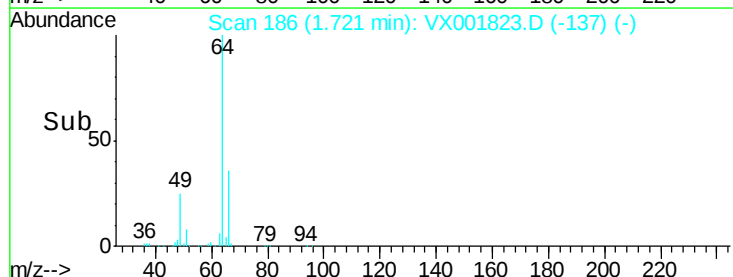
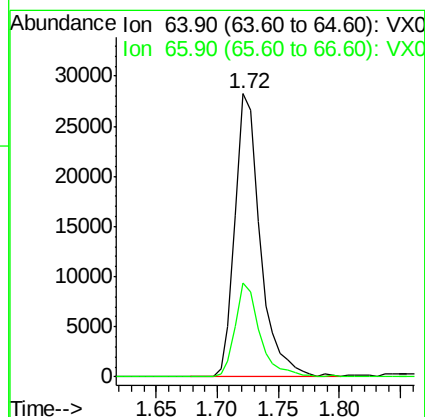
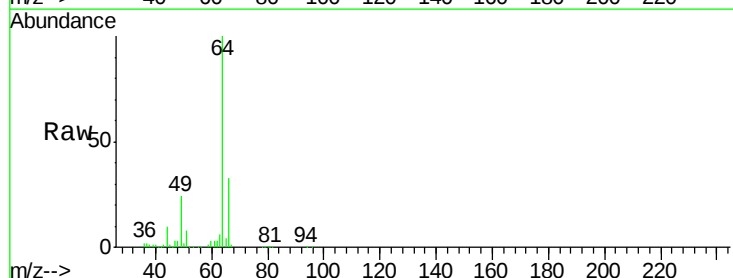
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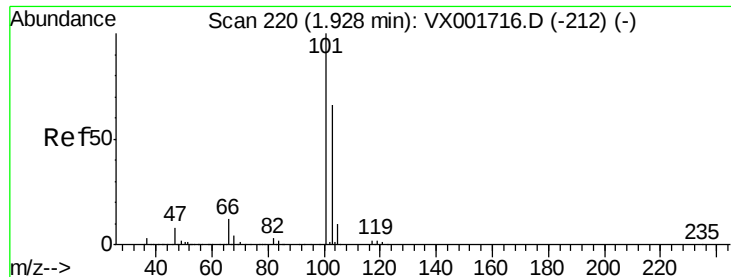
Tgt Ion: 64 Resp: 40283

Ion Ratio Lower Upper

64 100

66 33.3 25.2 37.8





#7

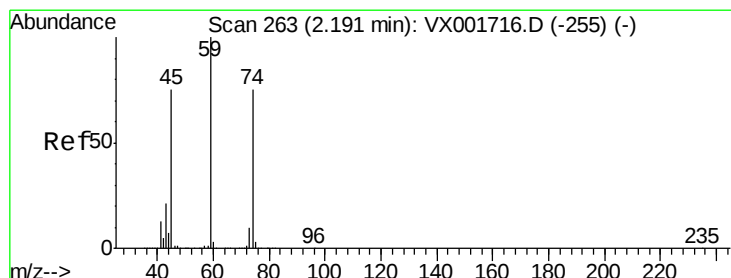
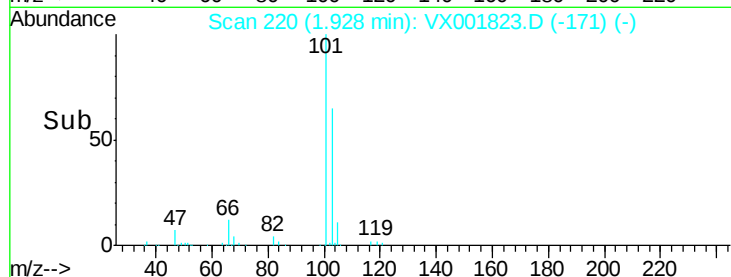
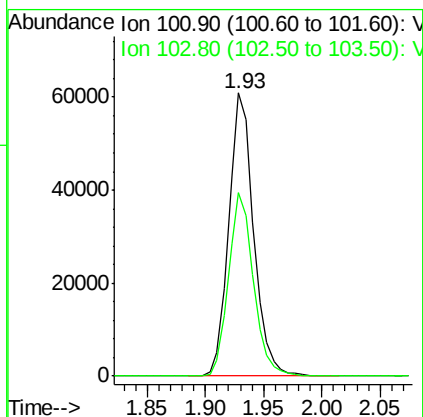
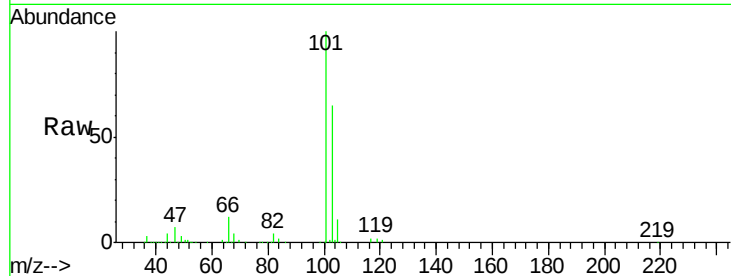
Trichlorofluoromethane
Concen: 16.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	78.8

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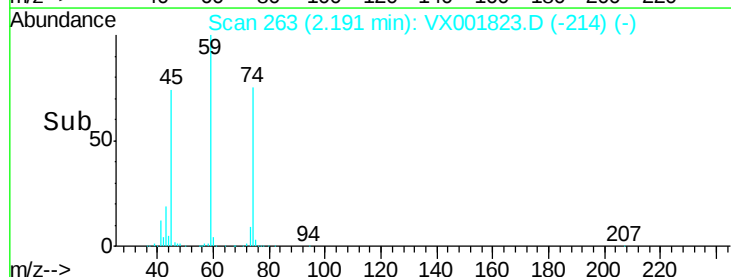
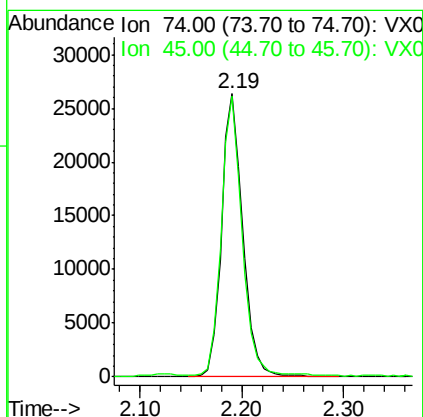
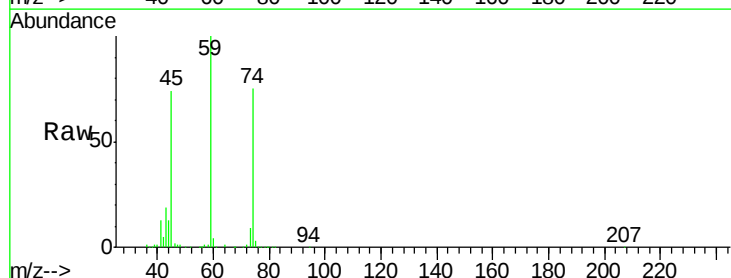
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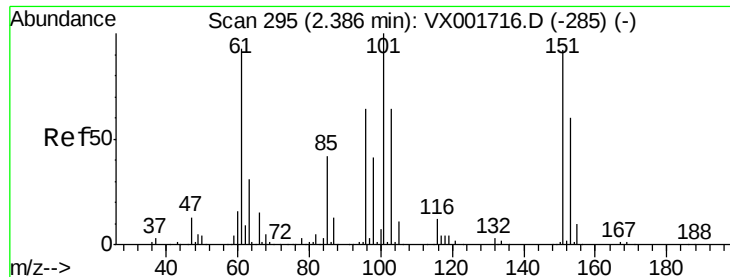


#8

Diethyl Ether
Concen: 16.69 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	50.0	149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

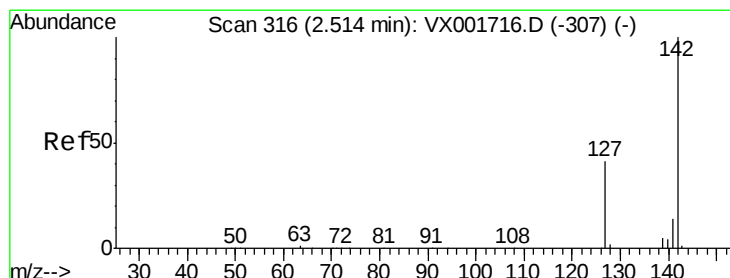
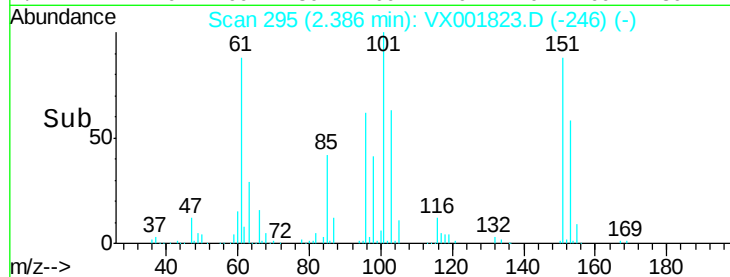
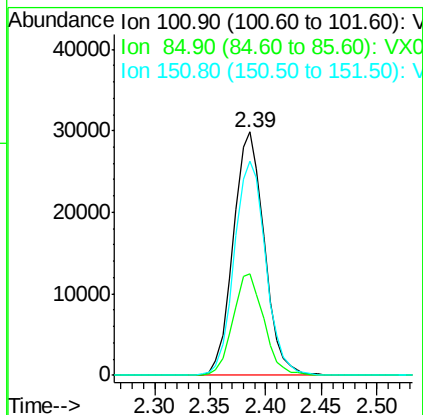
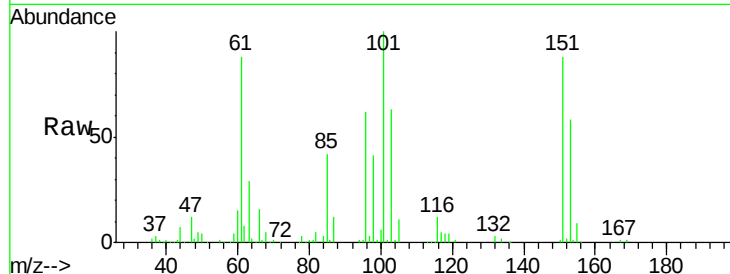
ClientSampleId :

VX0518WBS01

Tot Ion:	101	Resp:	57550
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	89.5	73.0	109.6

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#10

Methyl Iodide

Concen: 20.72 ug/l

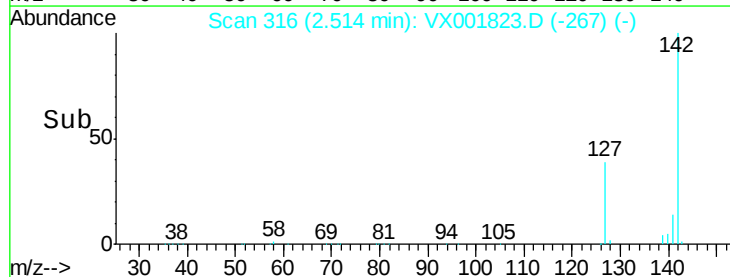
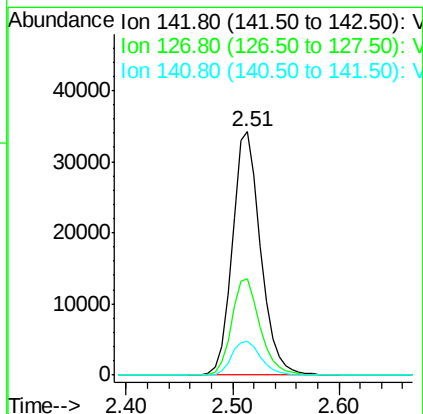
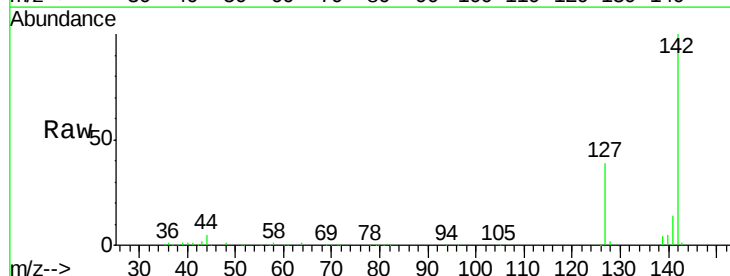
RT: 2.51 min Scan# 316

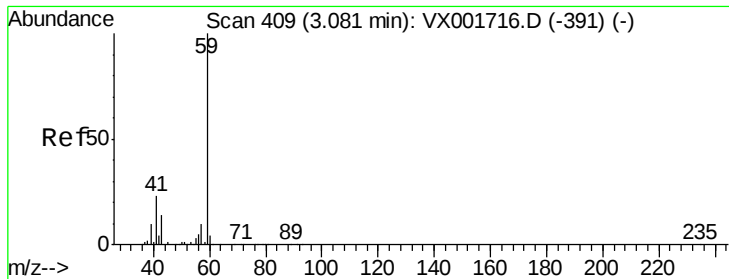
Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	142	Resp:	63459
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.5	48.7
141	14.3	11.4	17.0





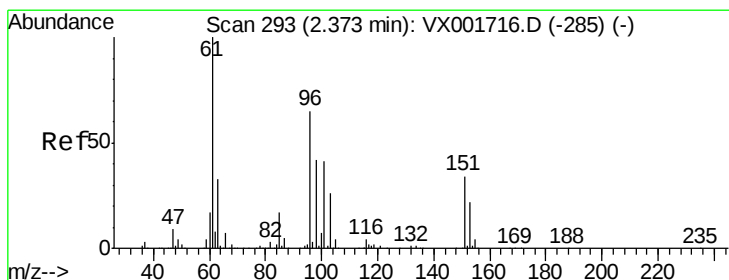
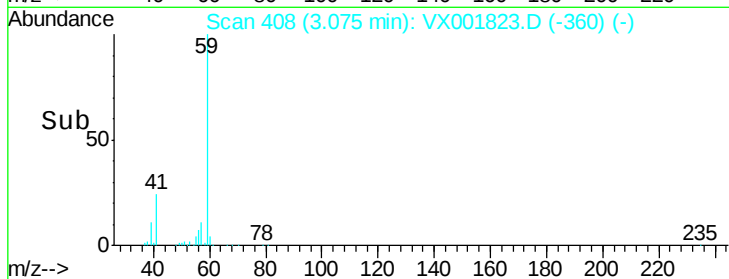
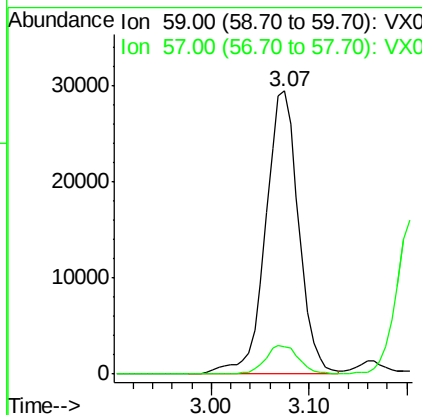
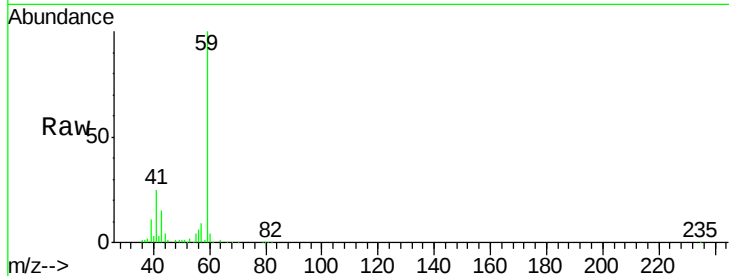
#11
Tert butyl alcohol
Concen: 89.93 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion: 59 Resp: 69495
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

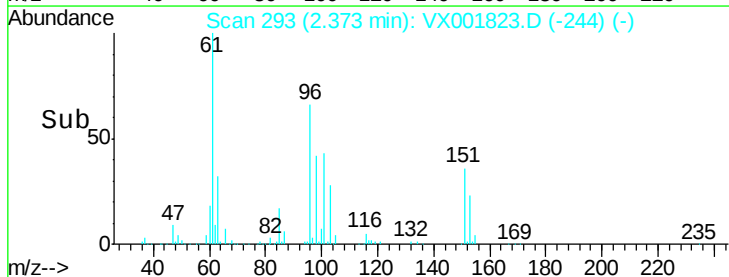
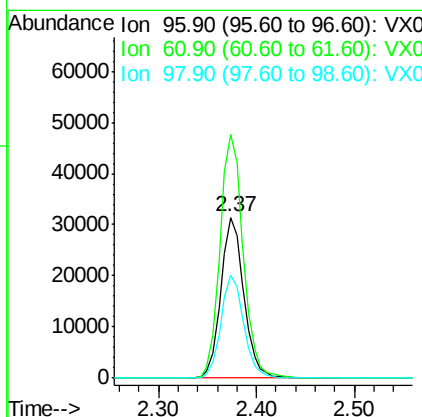
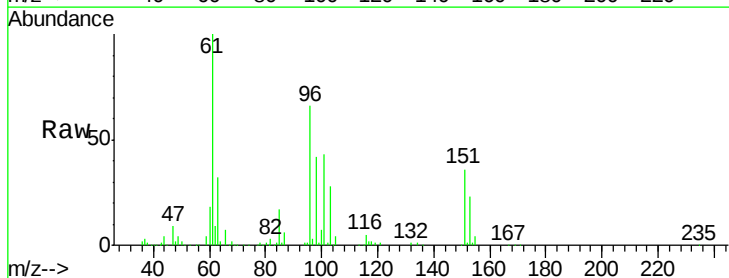
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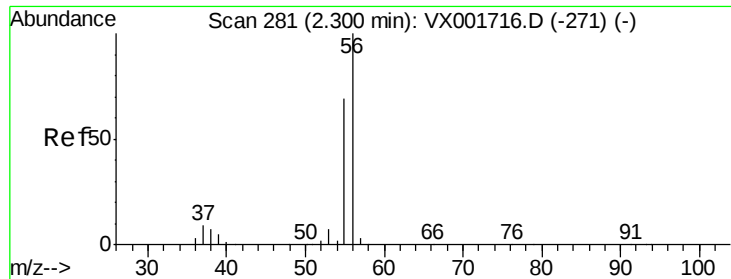
MMDadoda
5/21/2018 2:40:36 PM



#12
1,1-Dichloroethene
Concen: 16.02 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 96 Resp: 51424
Ion Ratio Lower Upper
96 100
61 151.6 122.2 183.2
98 64.3 51.4 77.0





#13

Acrolein

Concen: 76.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion: 56 Resp: 41886

Ion Ratio Lower Upper

56 100

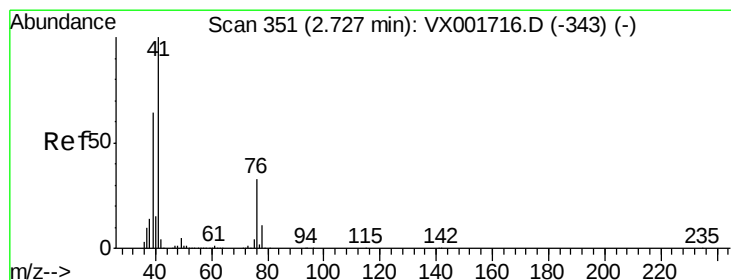
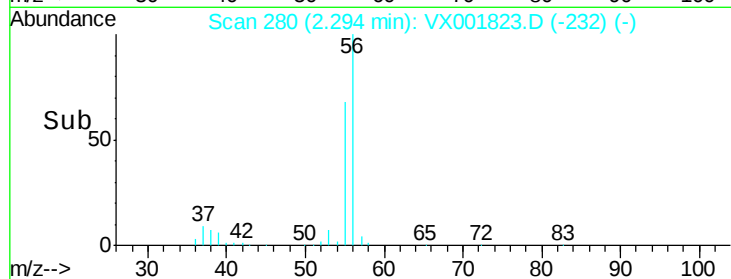
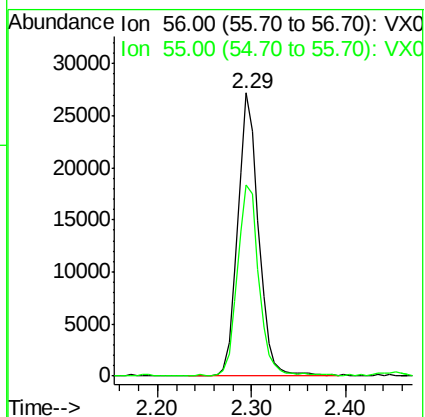
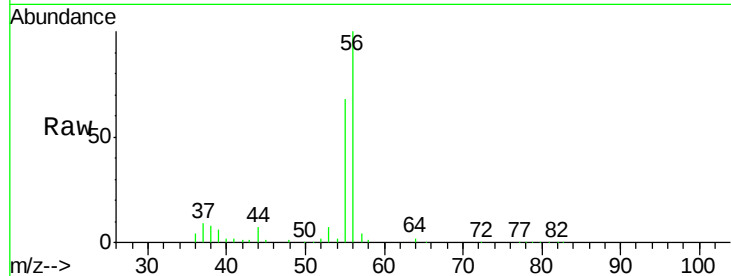
55 68.3 56.2 84.2

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#14

Allyl chloride

Concen: 16.61 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

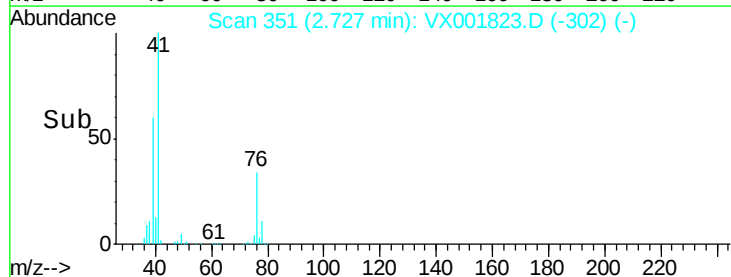
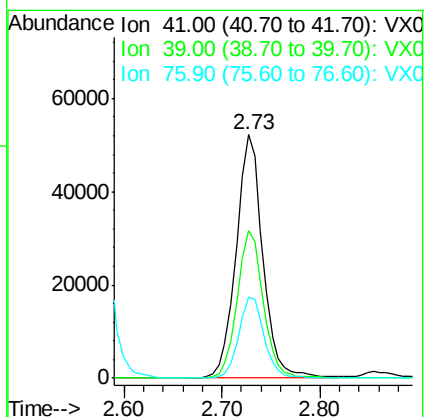
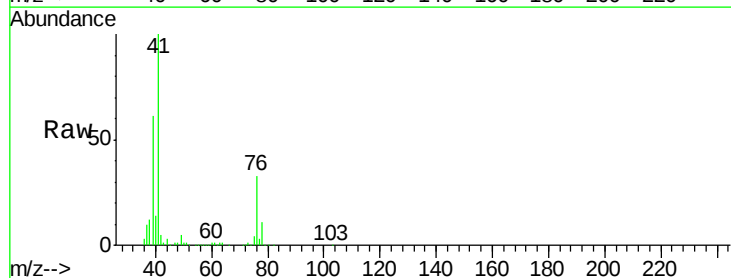
Tgt Ion: 41 Resp: 98527

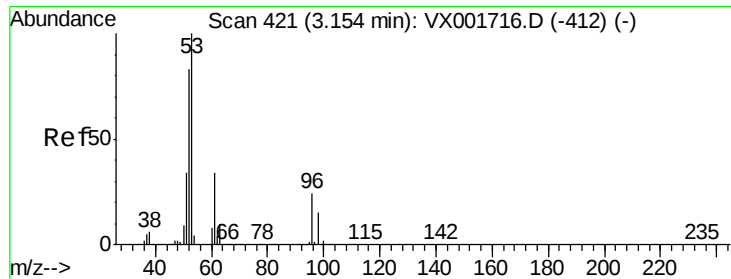
Ion Ratio Lower Upper

41 100

39 59.1 49.8 74.6

76 31.7 25.8 38.8





#15

Acrylonitrile

Concen: 84.71 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

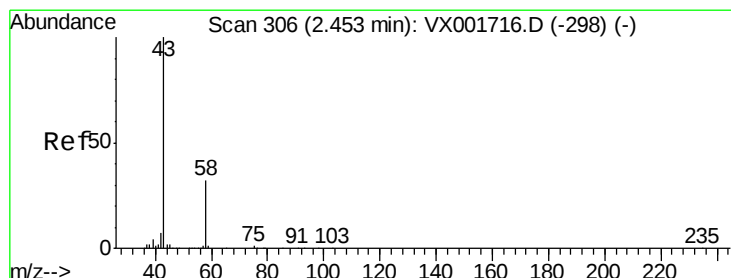
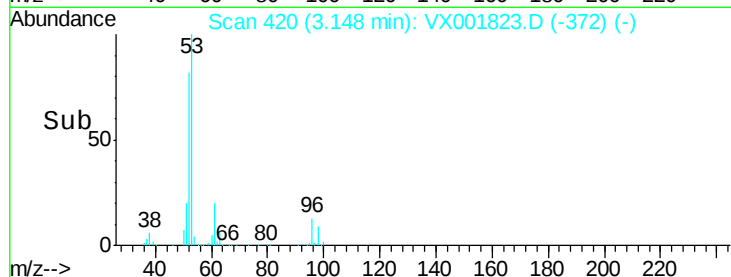
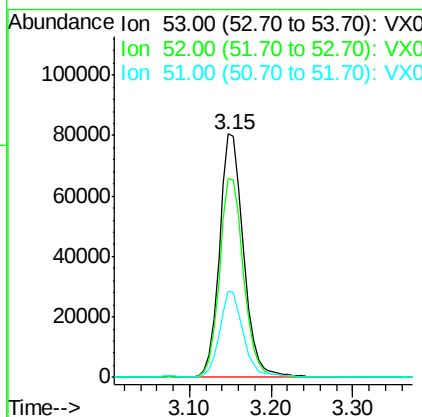
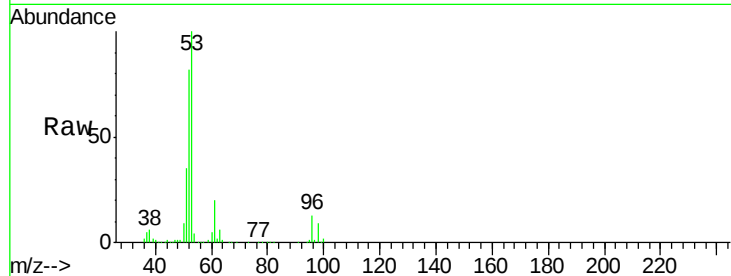
ClientSampleId :

VX0518WBS01

Tot Ion:	53	Resp:	164411
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.6	98.4
51	35.1	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 91.24 ug/l

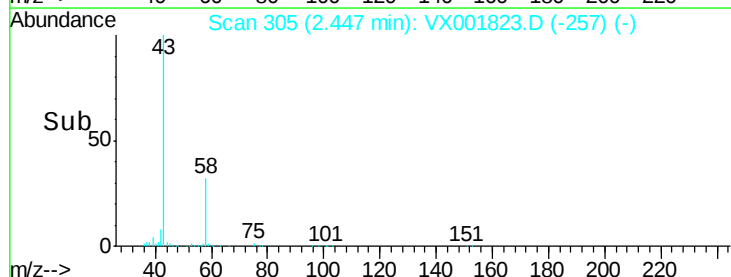
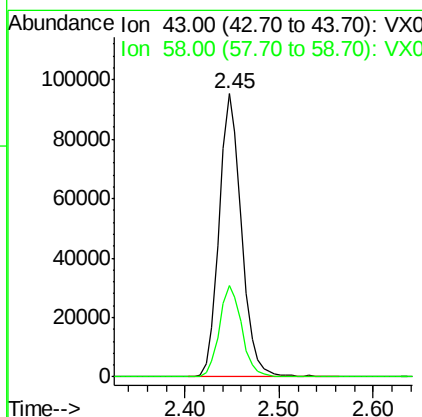
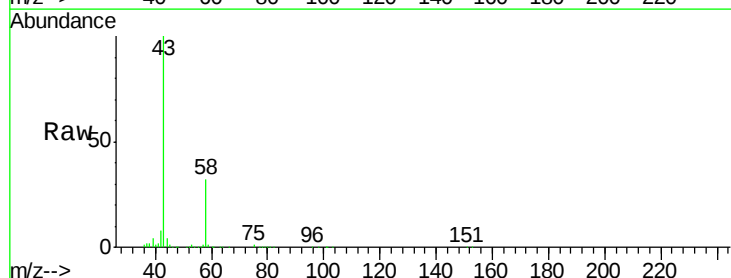
RT: 2.45 min Scan# 305

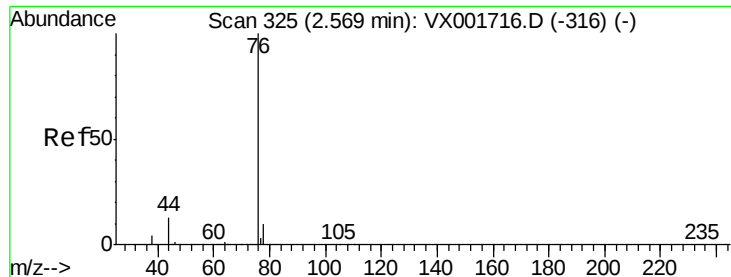
Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	43	Resp:	155986
Ion Ratio	Lower	Upper	
43	100		
58	32.4	25.3	37.9





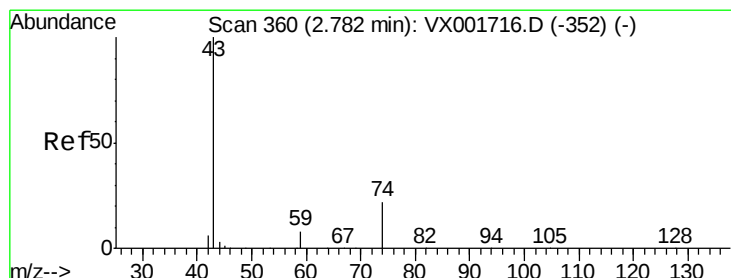
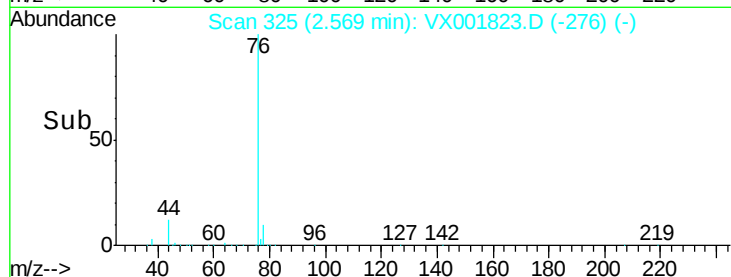
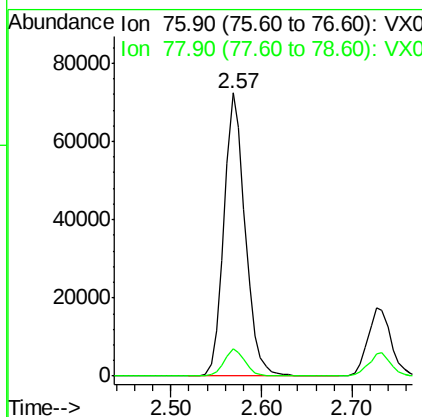
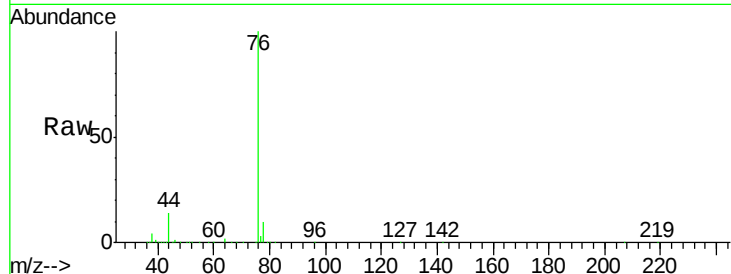
#17
Carbon Disulfide
Concen: 14.10 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.6	11.4

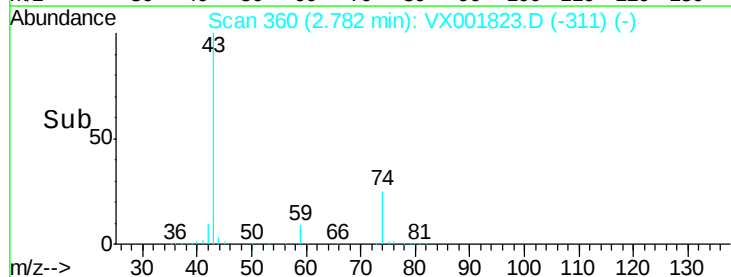
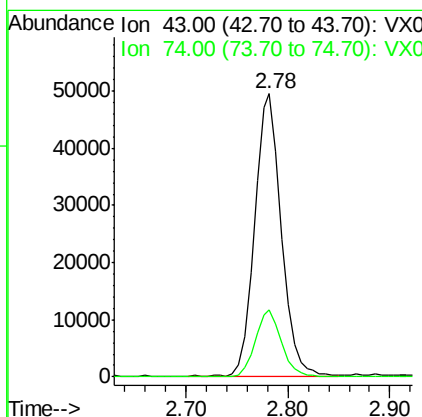
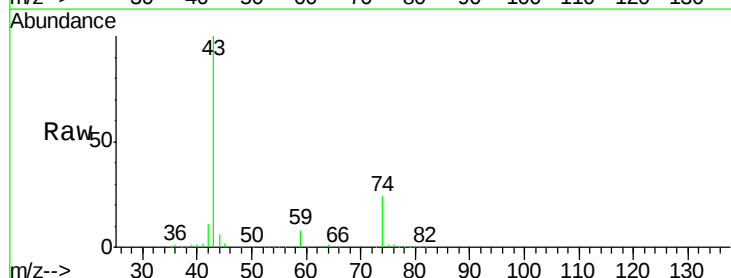
Manual Integrations
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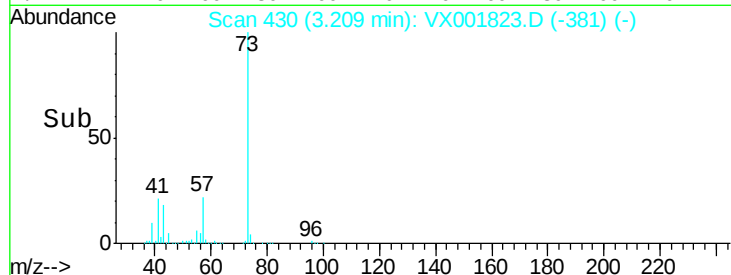
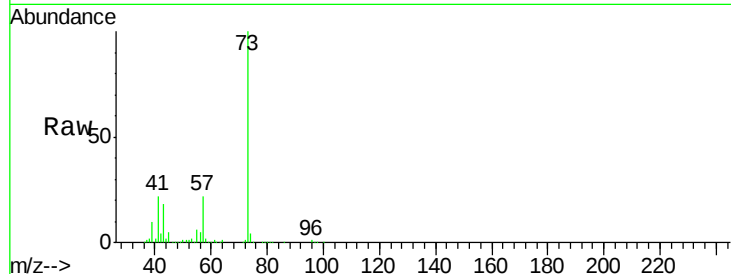
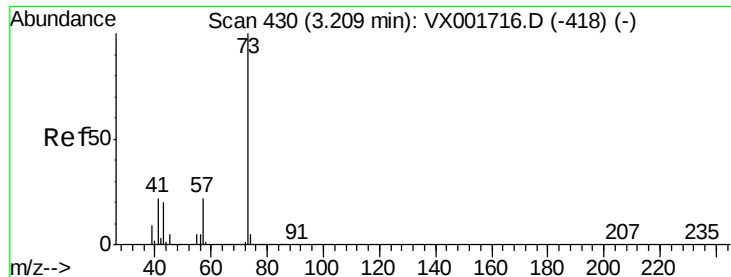
MMDadoda
5/21/2018 2:40:36 PM



#18
Methyl Acetate
Concen: 18.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.2	27.2





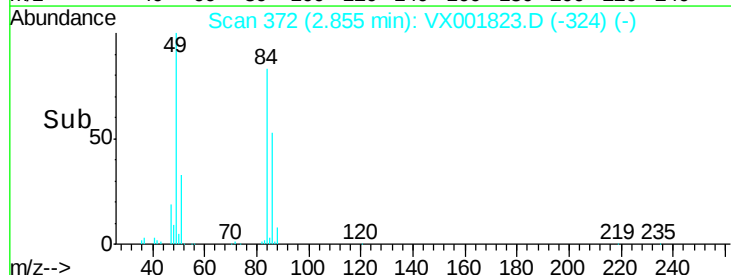
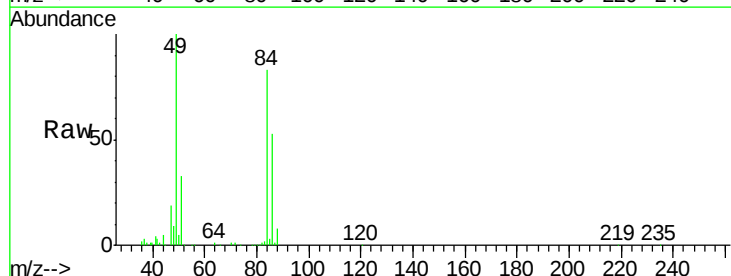
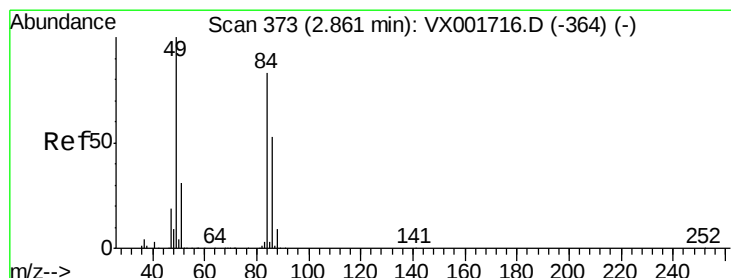
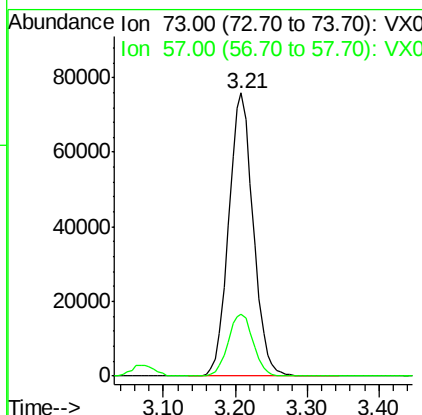
#19
Methvl tert-butvl Ether
Concen: 16.55 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

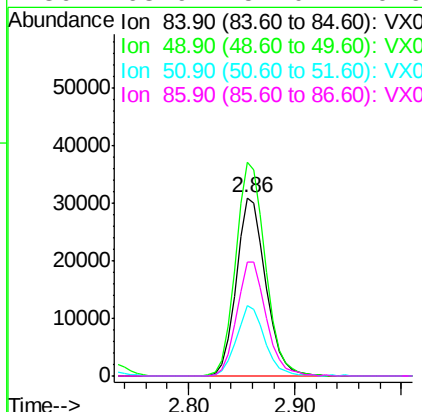
Manual Integrations
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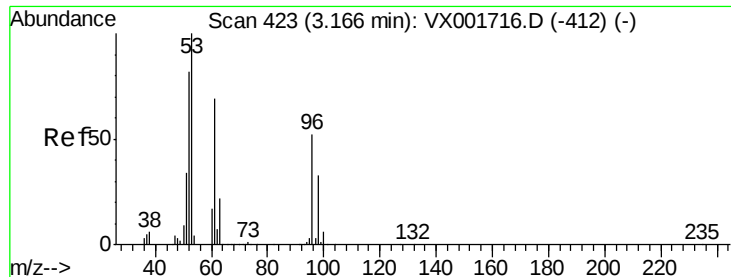
MMDadoda
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#20
Methylene Chloride
Concen: 16.43 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	96.3	144.5
51	39.6	29.8	44.6
86	63.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 15.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

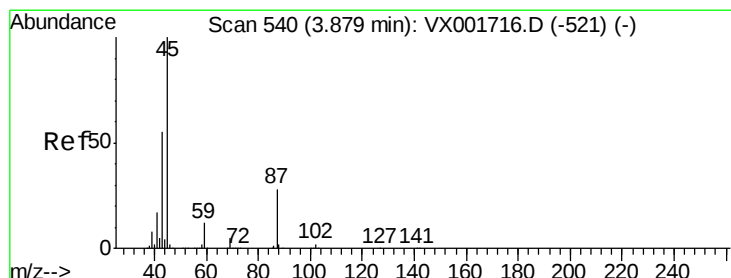
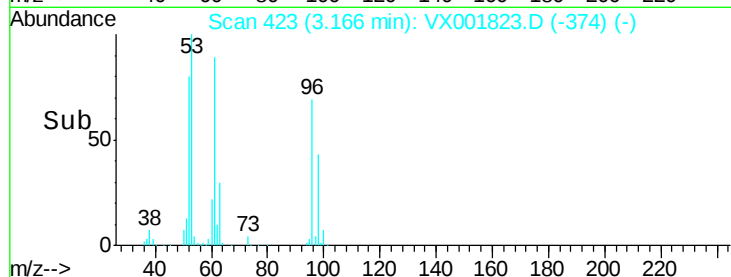
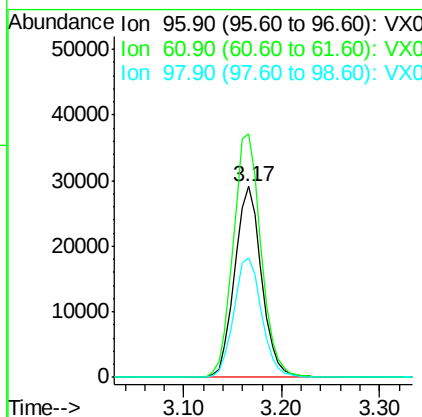
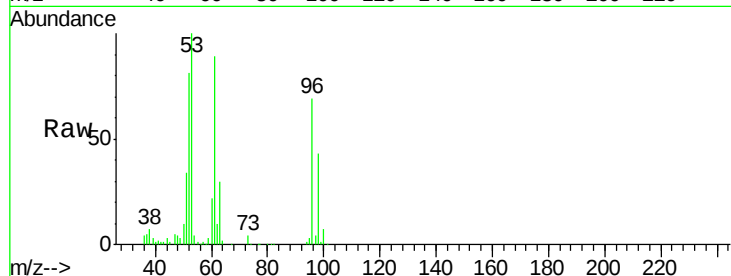
ClientSampleId :

VX0518WBS01

Tot Ion:	96	Resp:	55750
Ion	Ratio	Lower	Upper
96	100		
61	127.6	105.8	158.8
98	62.5	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.62 ug/l

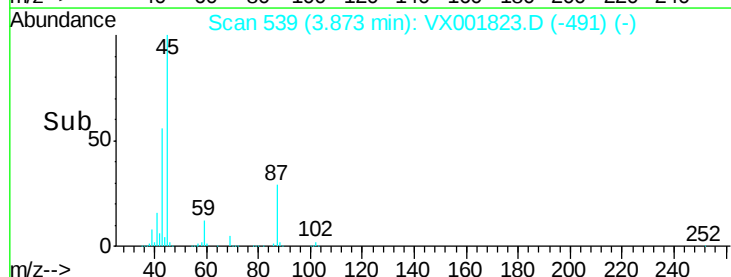
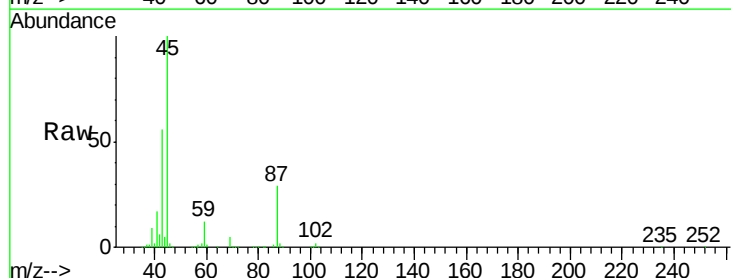
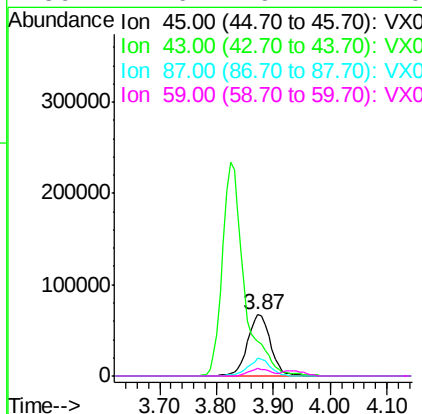
RT: 3.87 min Scan# 539

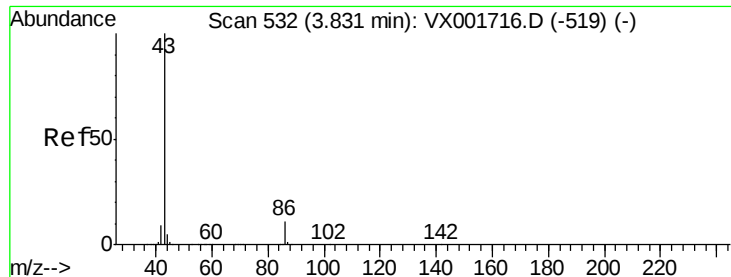
Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	45	Resp:	189116
Ion	Ratio	Lower	Upper
45	100		
43	55.7	44.3	66.5
87	29.4	22.6	33.8
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 76.59 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

Tot Ion: 43 Resp: 628024

Ion Ratio Lower Upper

43 100

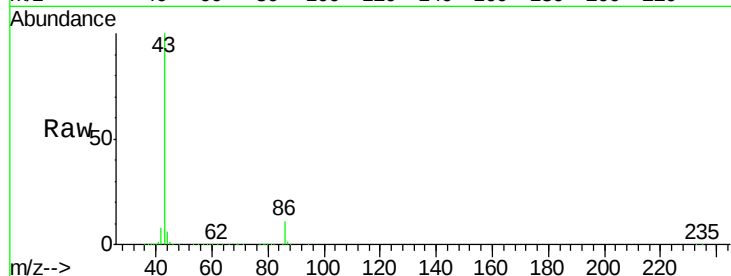
86 10.7 8.7 13.1

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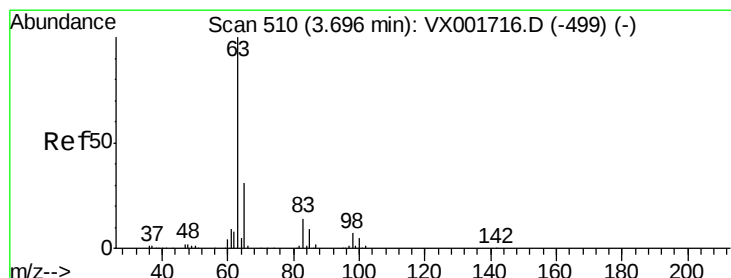
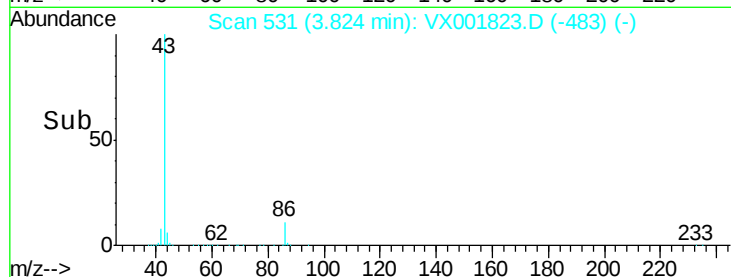
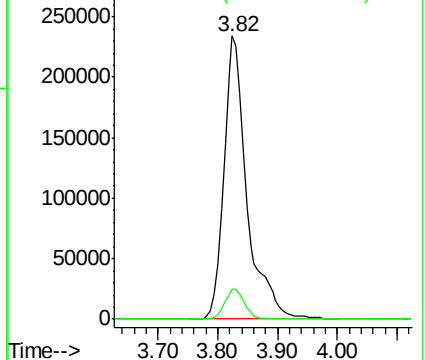
MMDadoda

5/21/2018 2:40:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

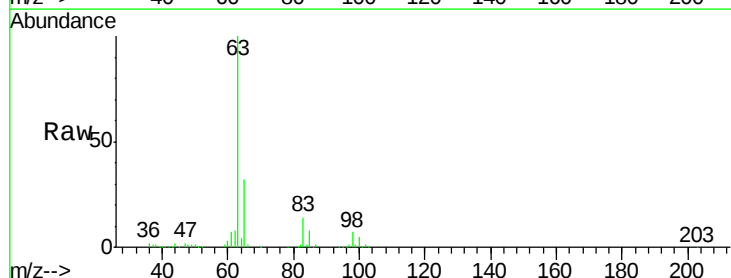
Tgt Ion: 63 Resp: 105017

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

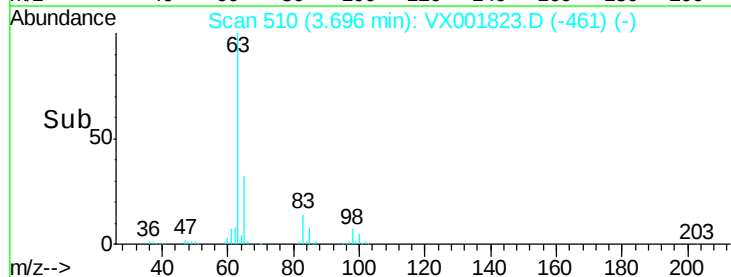
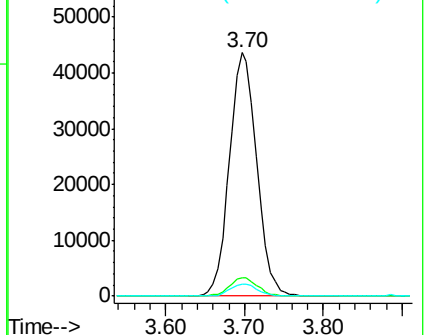
100 4.7 2.4 7.2

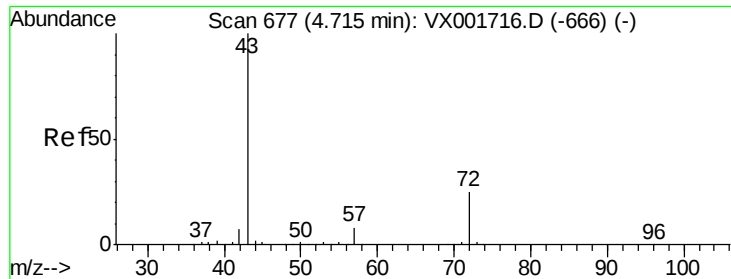


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.22 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion: 43 Resp: 233511

Ion Ratio Lower Upper

43 100

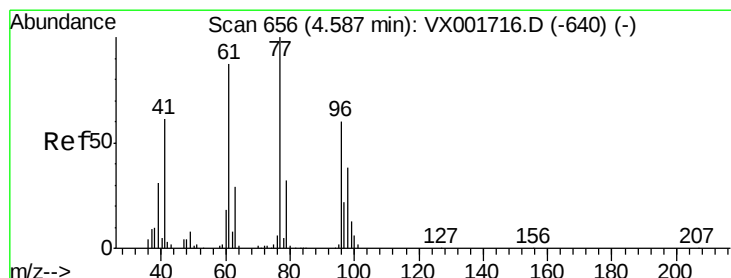
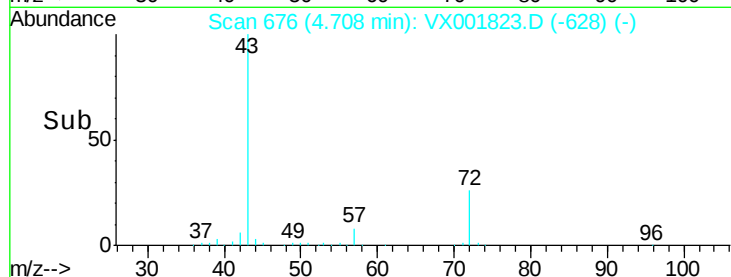
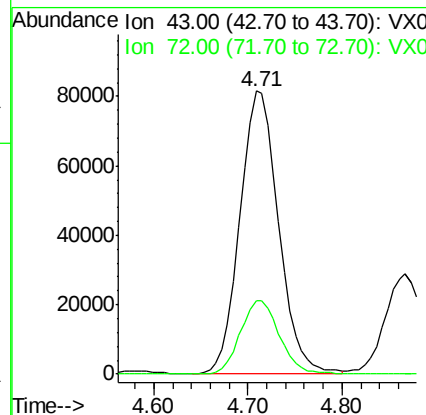
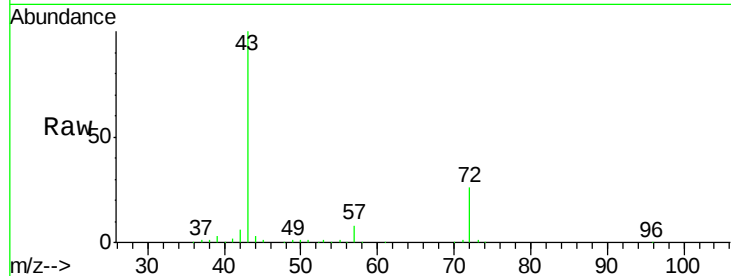
72 26.1 19.8 29.6

Manual Integrations

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5/21/2018 2:40:36 PM



#26

2,2-Dichloropropane

Concen: 16.51 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001823.D

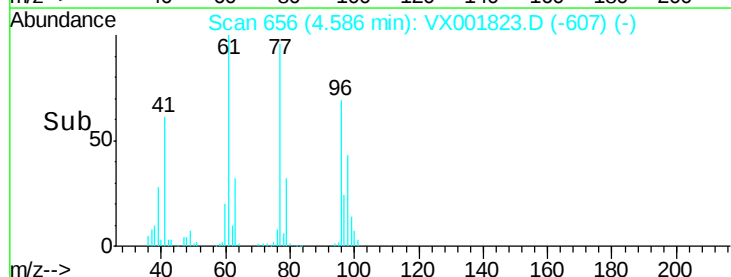
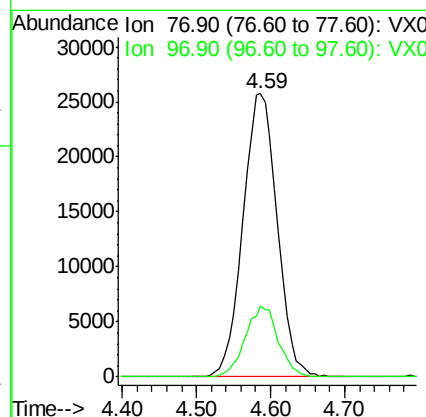
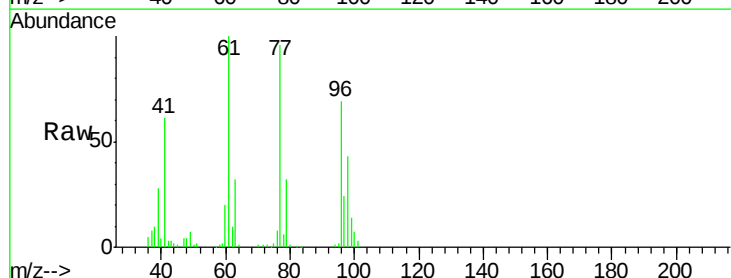
Acq: 18 May 2018 14:00

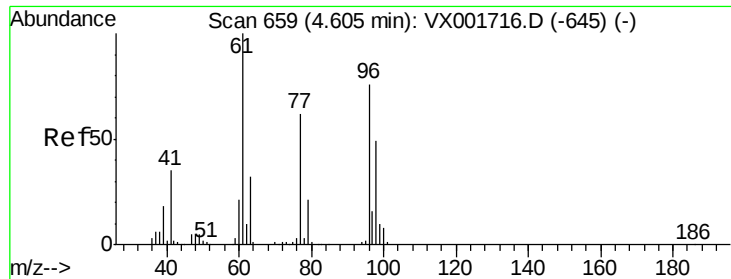
Tgt Ion: 77 Resp: 82967

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

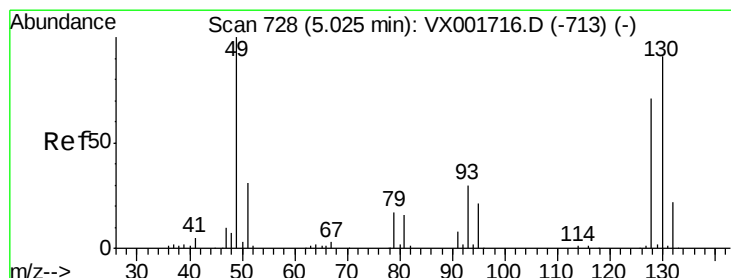
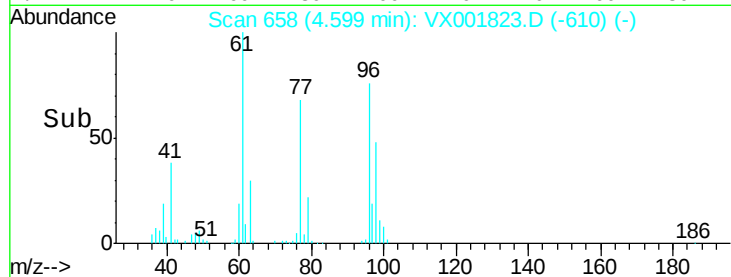
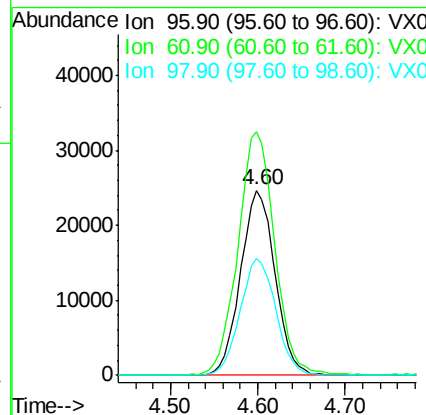
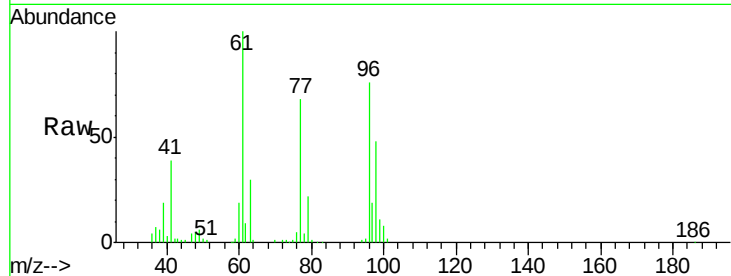
cis-1,2-Dichloroethene
 Concen: 16.84 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	67740		
61	140.5		0.0	280.4
98	65.1		0.0	128.4

Manual Integrations
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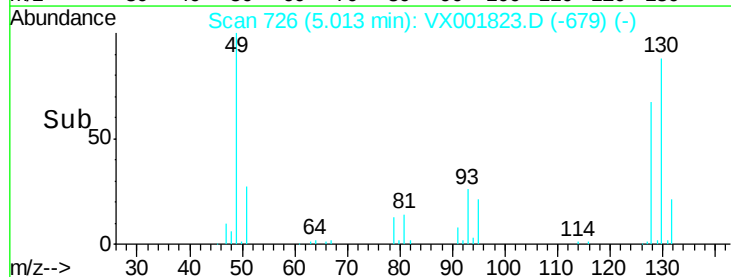
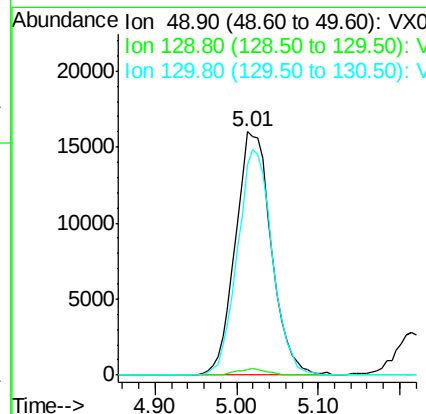
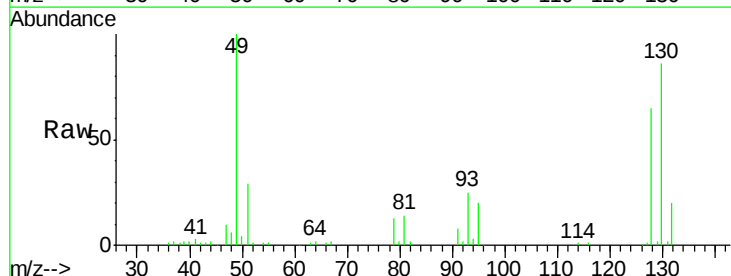
MMDadoda
 5/21/2018 2:40:36 PM

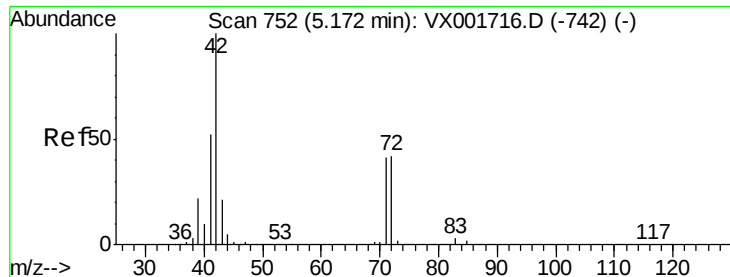


#28

Bromochloromethane
 Concen: 17.61 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	48813		
129	2.3		0.0	5.0
130	89.8		71.8	107.6





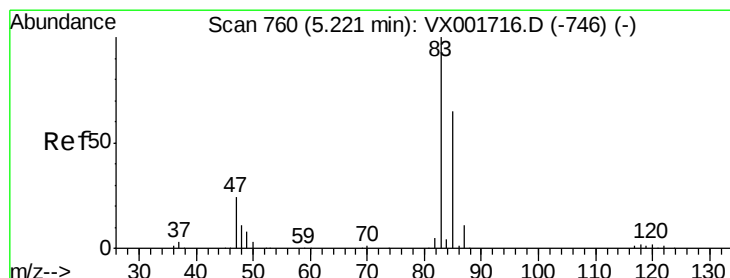
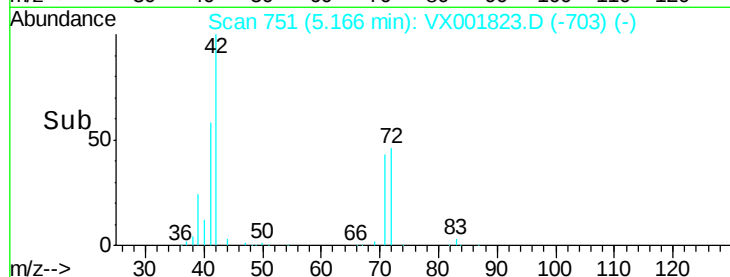
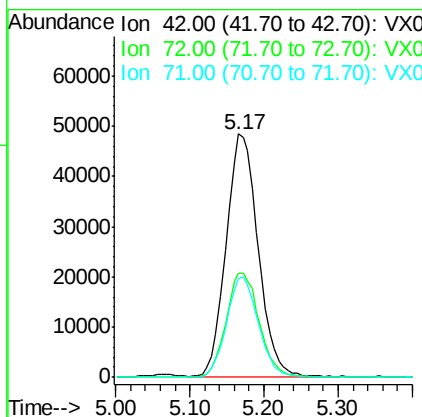
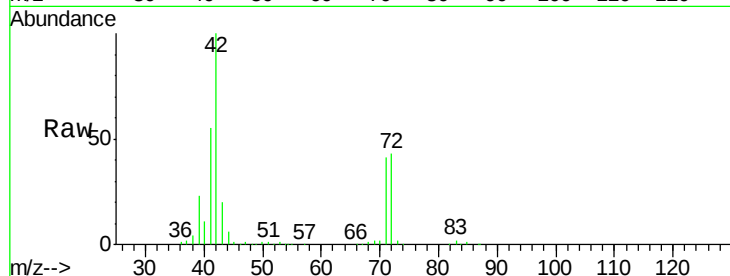
#29
Tetrahydrofuran
Concen: 85.27 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.4	53.2
71	41.4	33.2	49.8

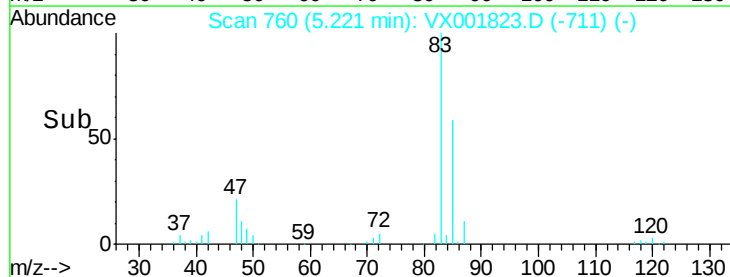
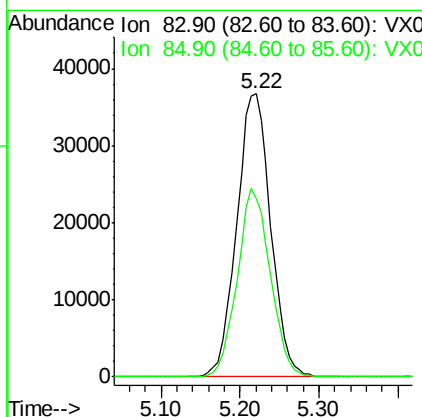
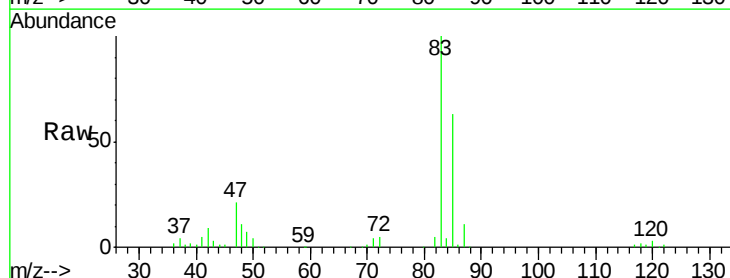
Manual Integrations
APPROVED

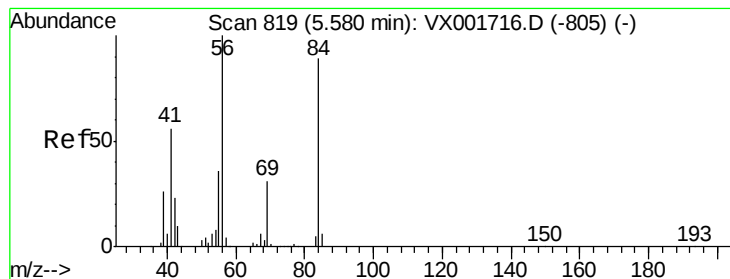
MMDadoda
5/21/2018 2:40:36 PM



#30
Chloroform
Concen: 16.73 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.3	78.5





#31

Cyclohexane

Concen: 17.17 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

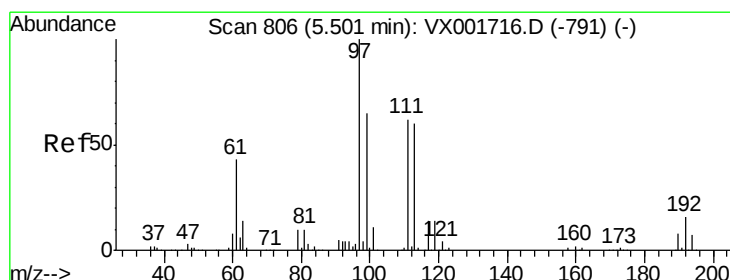
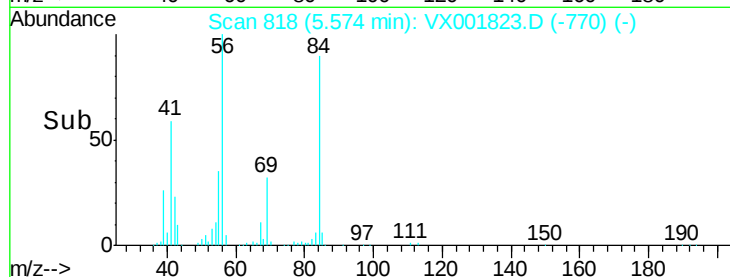
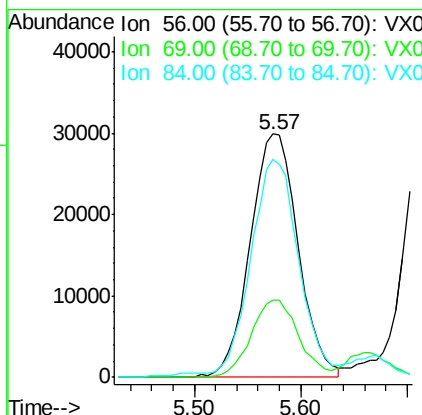
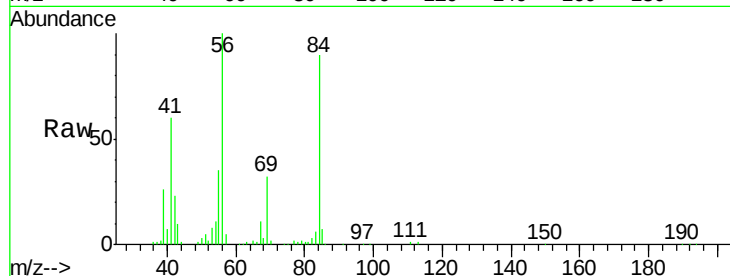
ClientSampleId :

VX0518WBS01

Tot Ion:	56	Resp:	93961
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	88.0	71.0	106.4

Manual Integrations
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MMDadoda
5/21/2018 2:40:36 PM



#32

1,1,1-Trichloroethane

Concen: 16.61 ug/l

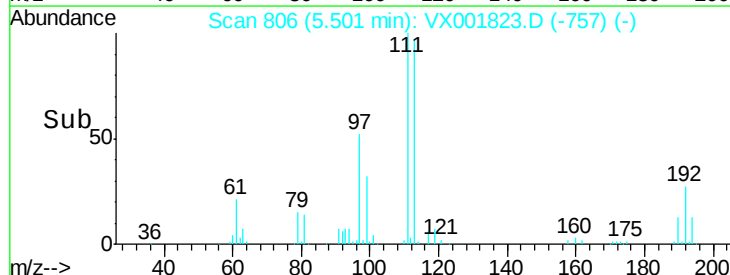
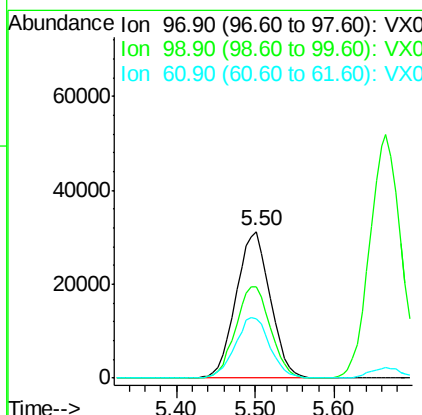
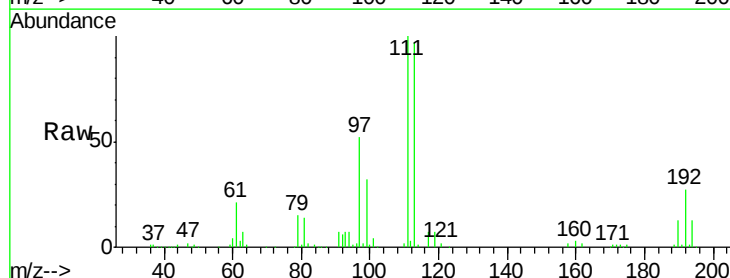
RT: 5.50 min Scan# 806

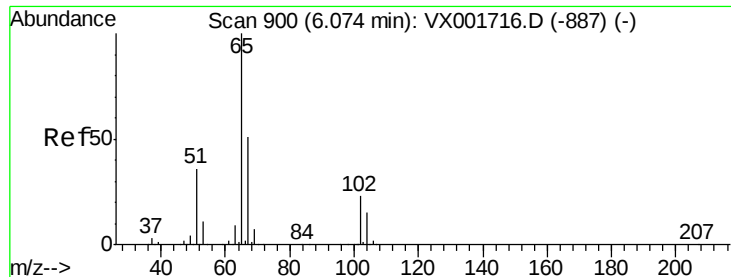
Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	97	Resp:	94110
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	42.0	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 43.06 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion: 65 Resp: 187416

Ion Ratio Lower Upper

65 100

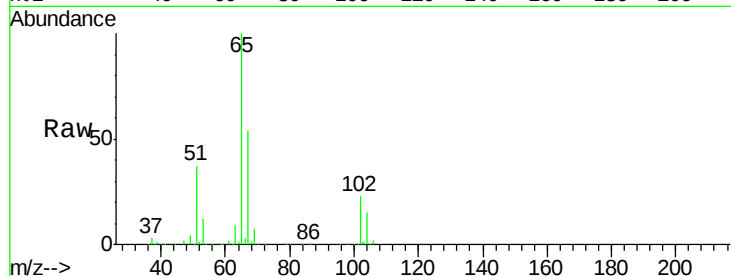
67 53.8 0.0 102.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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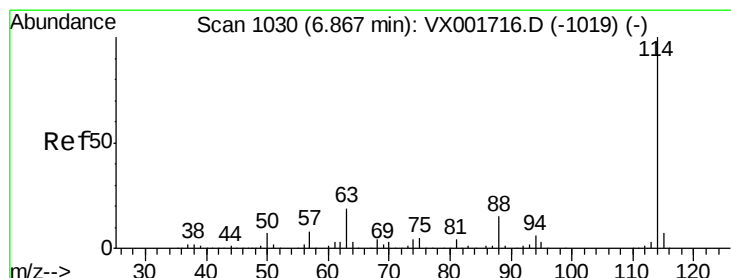
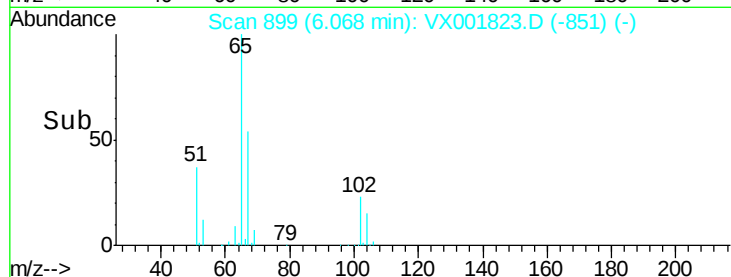
6.07

6.07

6.07

6.07

6.07



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

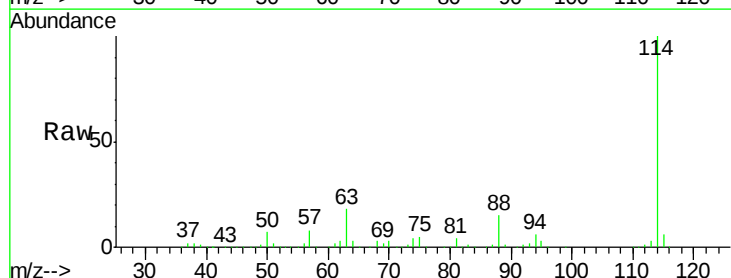
Tgt Ion: 114 Resp: 402717

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 14.8 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

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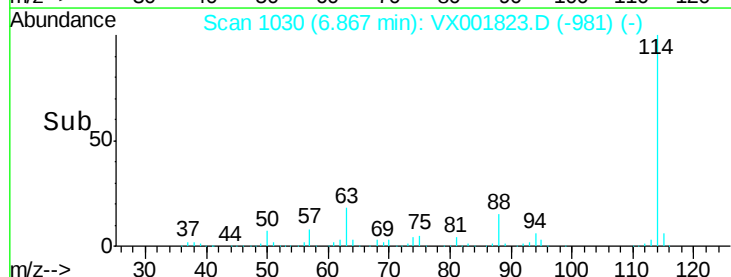
6.87

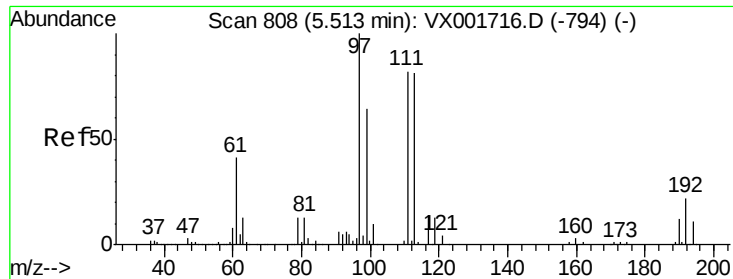
6.87

6.87

6.87

6.87





#35

Dibromofluoromethane

Concen: 49.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

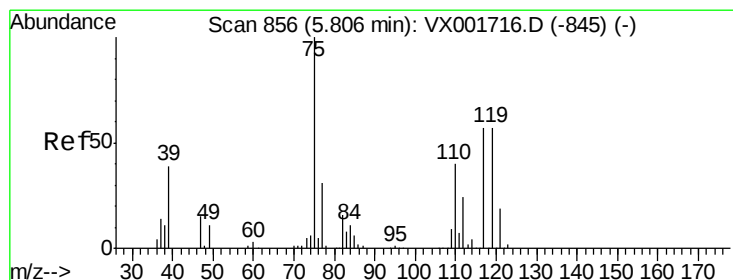
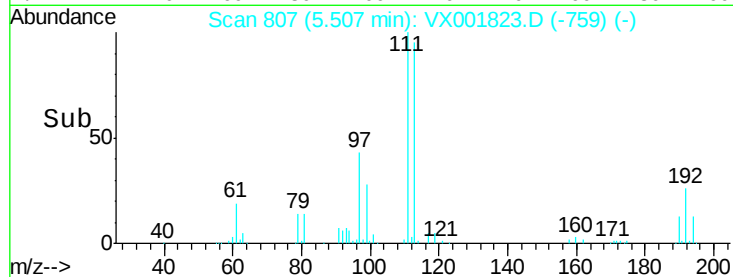
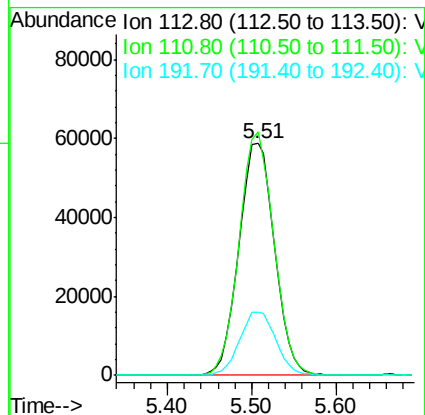
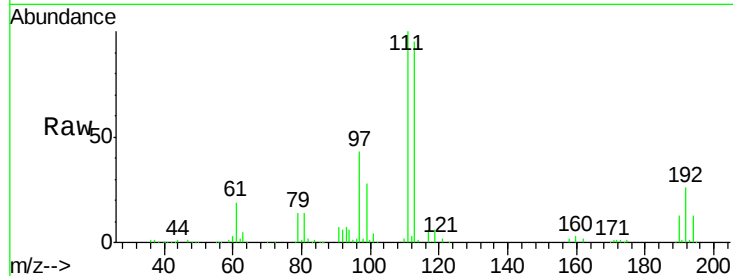
ClientSampleId :

VX0518WBS01

Tot Ion:	113	Resp:	168683
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	27.5	21.6	32.4

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#36

1,1-Dichloropropene

Concen: 16.97 ug/l

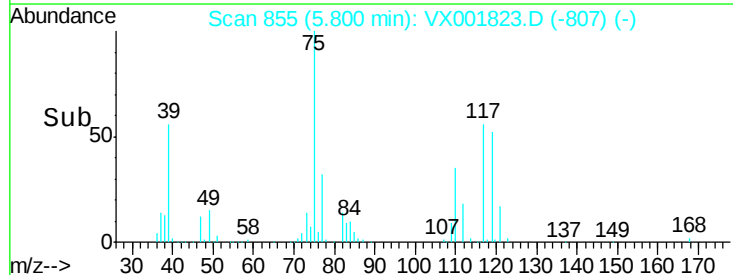
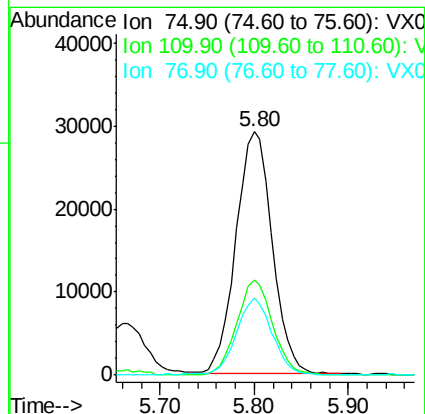
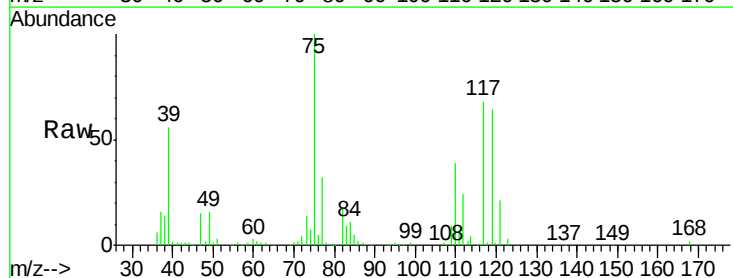
RT: 5.80 min Scan# 855

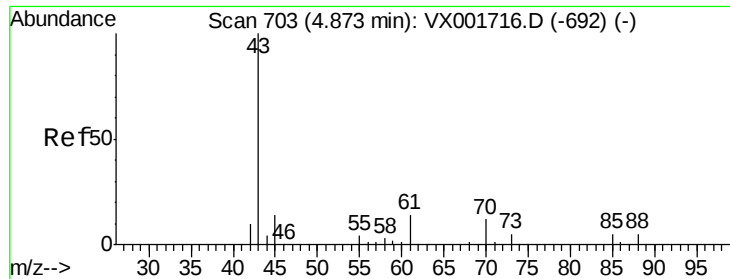
Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	75	Resp:	78671
Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.1	57.1
77	30.7	24.6	37.0





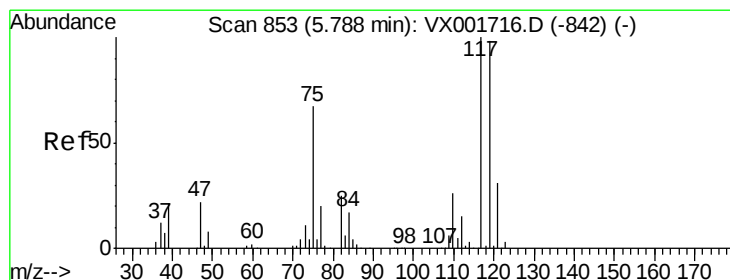
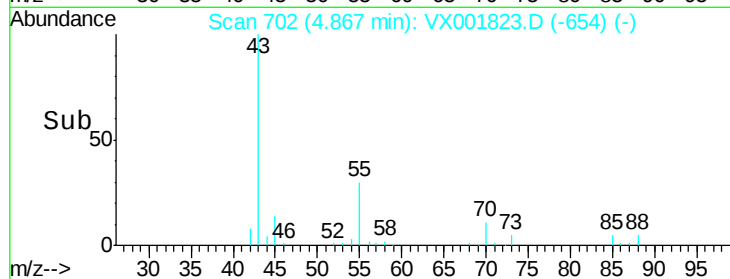
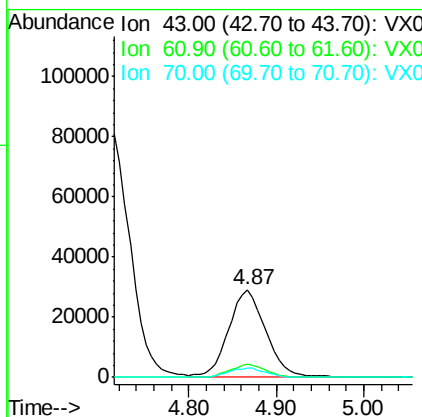
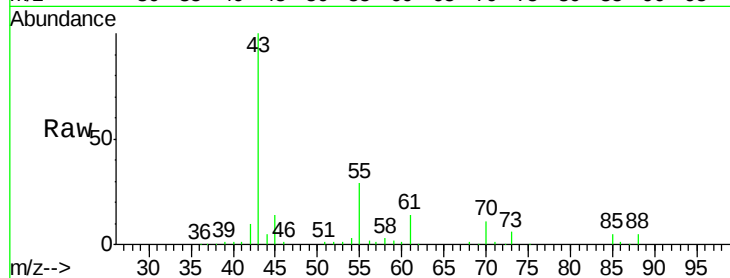
#37
Ethyl Acetate
Concen: 17.44 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.9	16.3
70	10.8	8.8	13.2

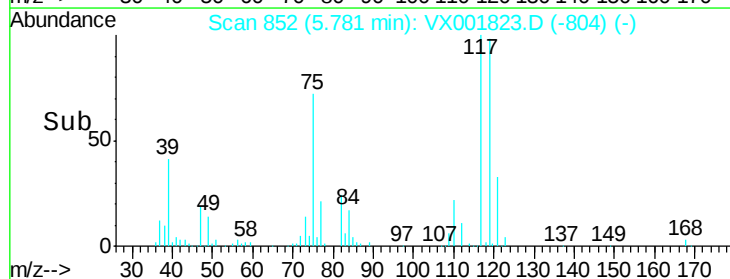
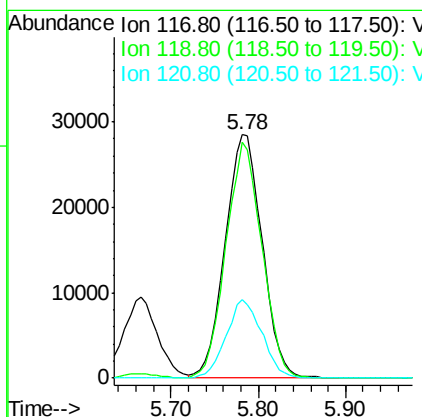
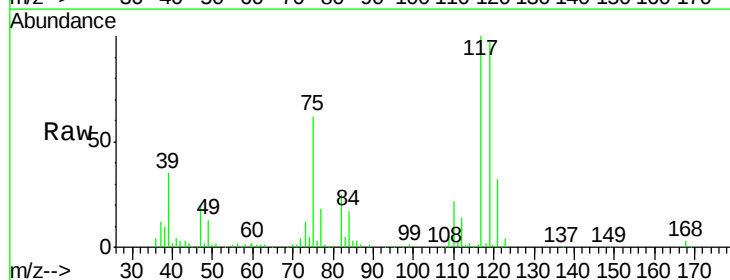
Manual Integrations
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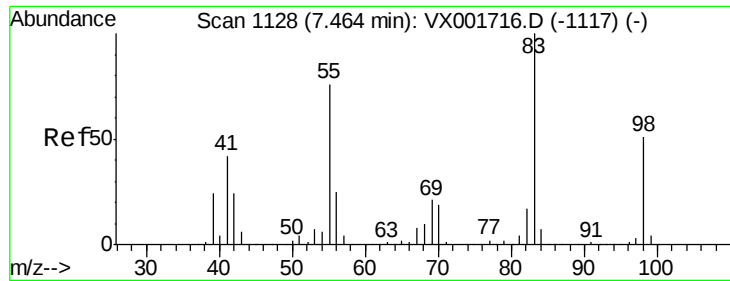
MMDadoda
5/21/2018 2:40:36 PM



#38
Carbon Tetrachloride
Concen: 17.25 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.6	116.4
121	32.3	24.6	36.8





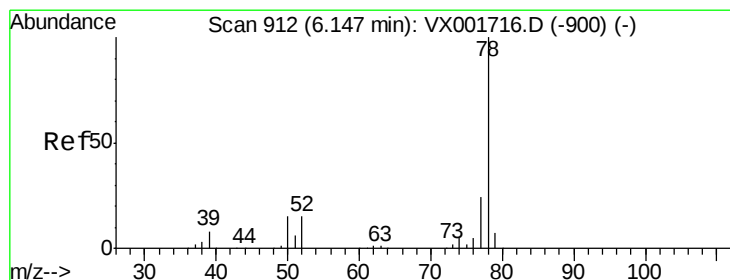
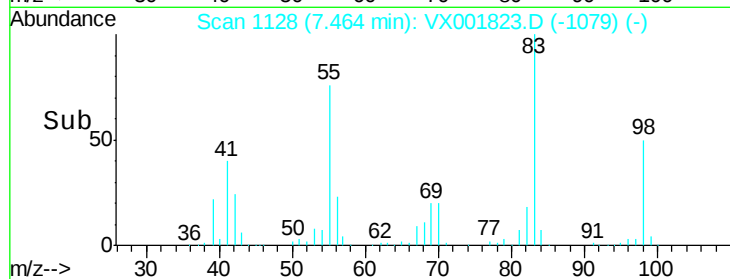
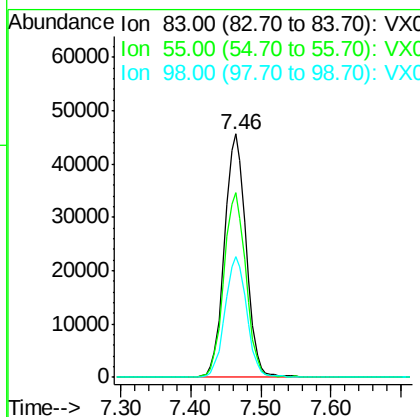
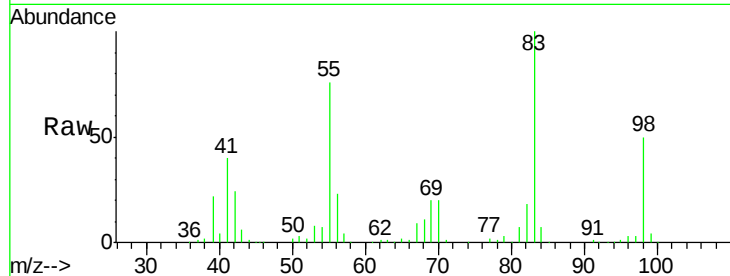
#39
Methvlcvclohexane
Concen: 18.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	83	Resp	98155
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.6	90.8
98	49.7	40.4	60.6

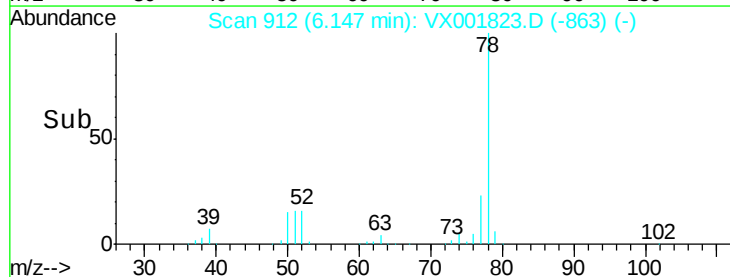
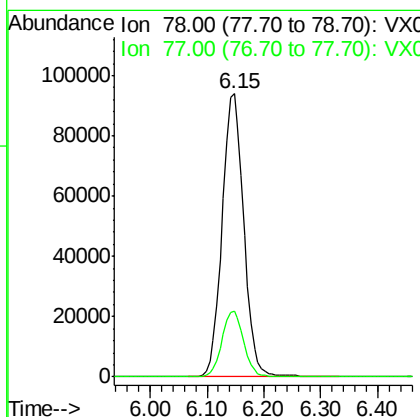
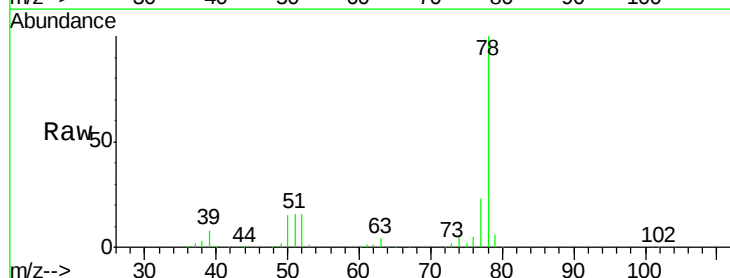
Manual Integrations
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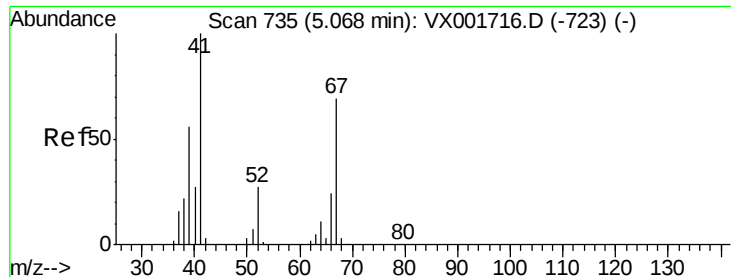
MMDadoda
5/21/2018 2:40:36 PM



#40
Benzene
Concen: 18.22 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	78	Resp	248803
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





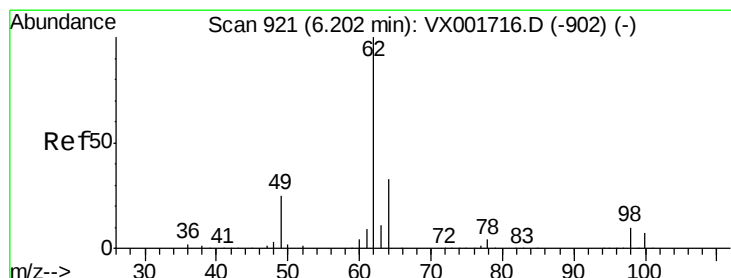
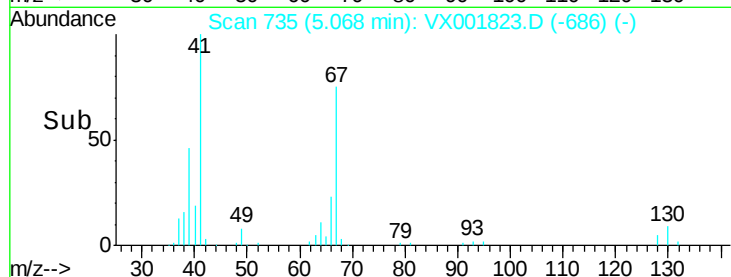
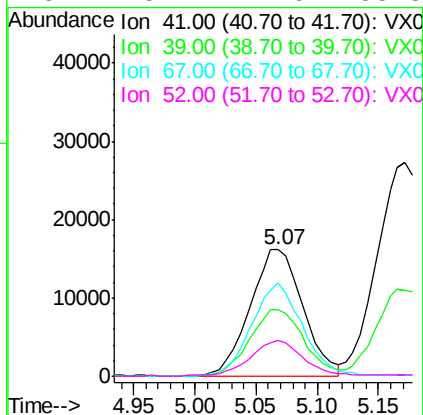
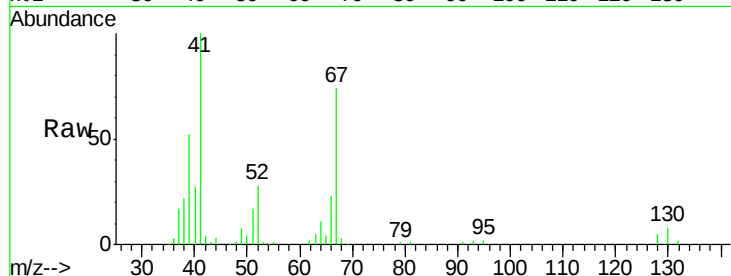
#41
Methacrylonitrile
Concen: 17.48 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		48845		
39	53.9	44.2	66.4		
67	70.7	56.0	84.0		
52	28.2	22.6	33.8		

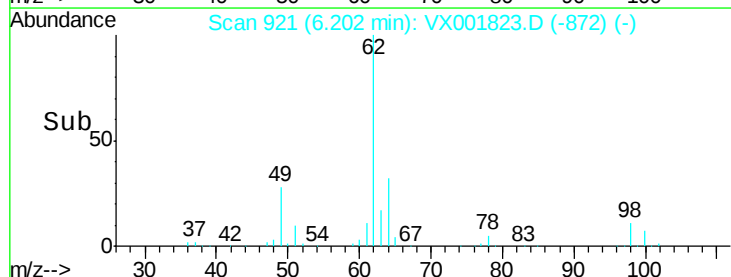
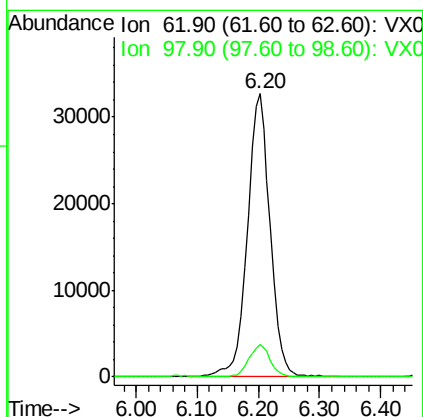
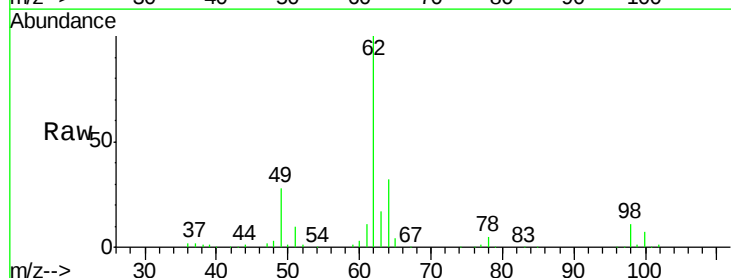
Manual Integrations
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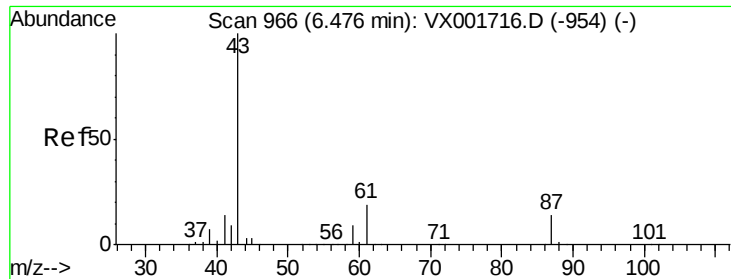
MMDadoda
5/21/2018 2:40:36 PM



#42
1,2-Dichloroethane
Concen: 17.18 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		84890		
98	10.8	0.0	20.0		





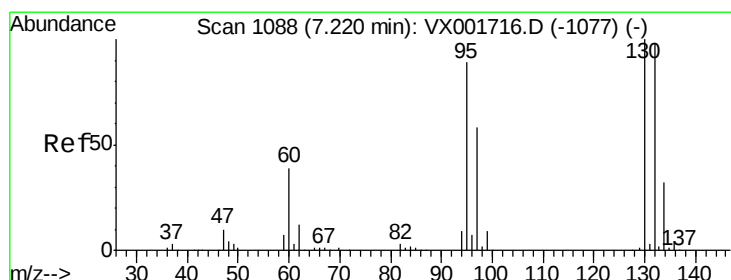
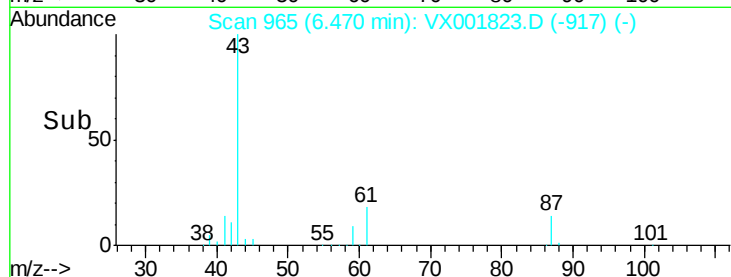
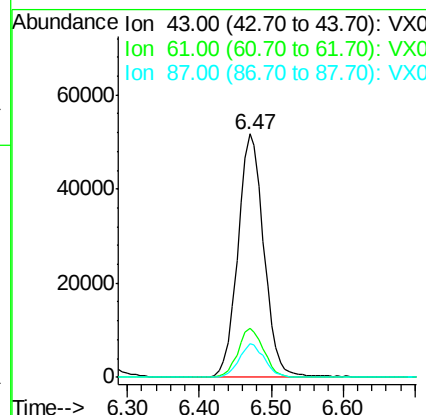
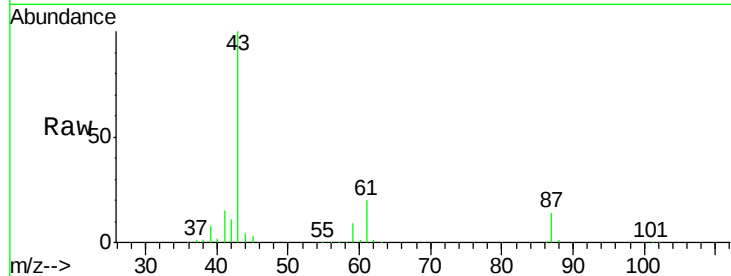
#43
Isopropyl Acetate
Concen: 17.04 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.5	11.0	16.4

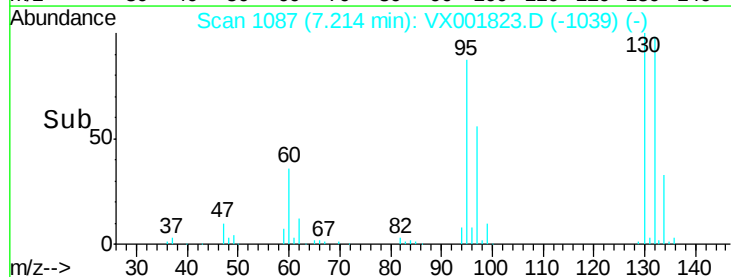
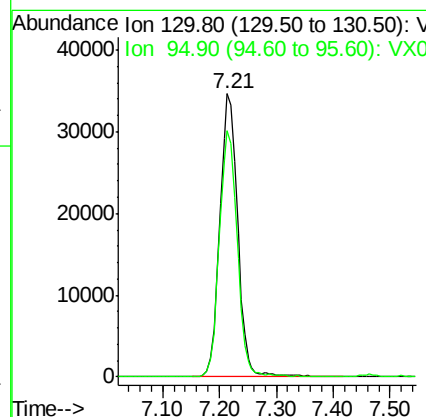
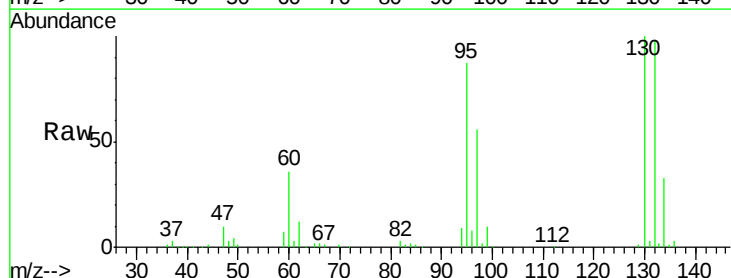
Manual Integrations
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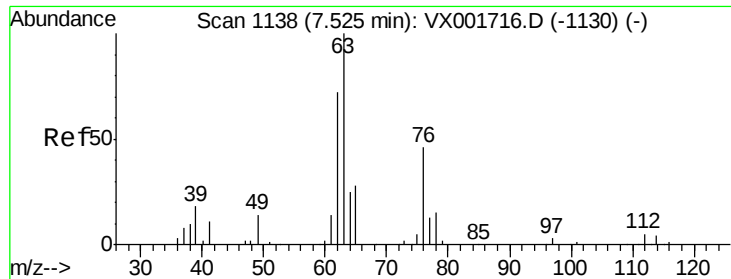
MMDadoda
5/21/2018 2:40:36 PM



#44
Trichloroethene
Concen: 17.83 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	177.2





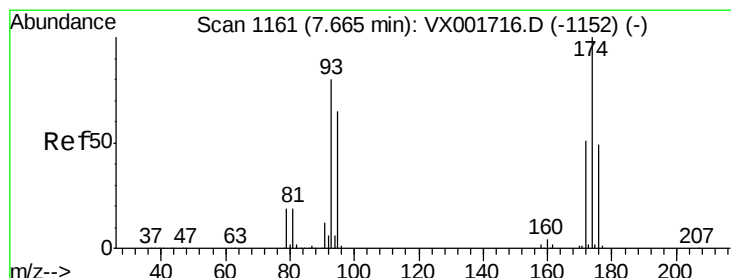
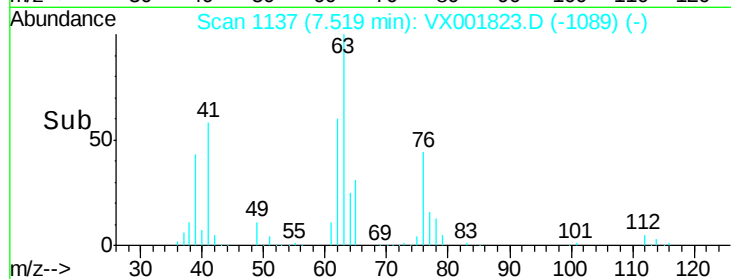
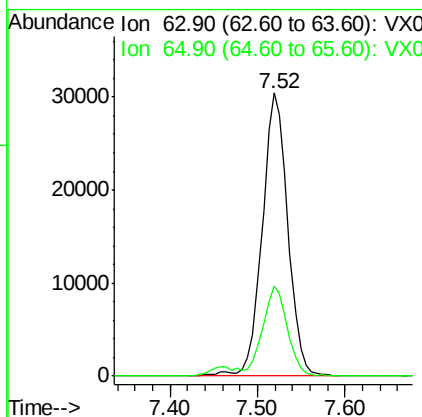
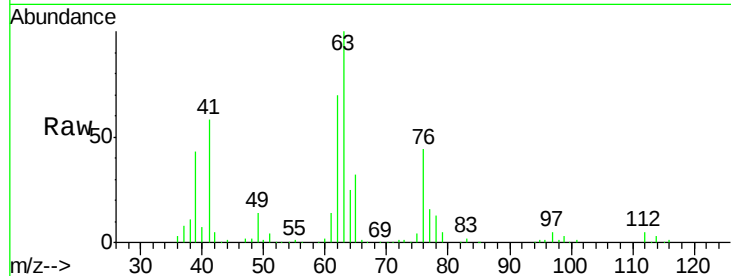
#45
 1,2-Dichloropropane
 Concen: 18.50 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion: 63 Resp: 62001
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.2

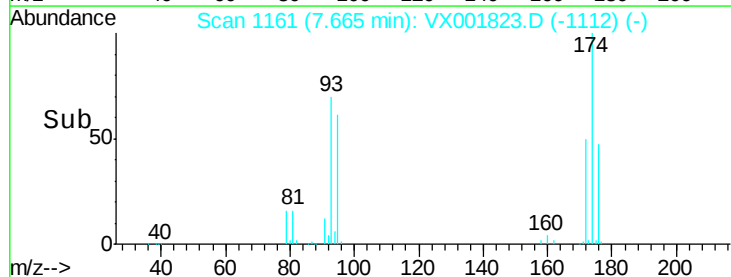
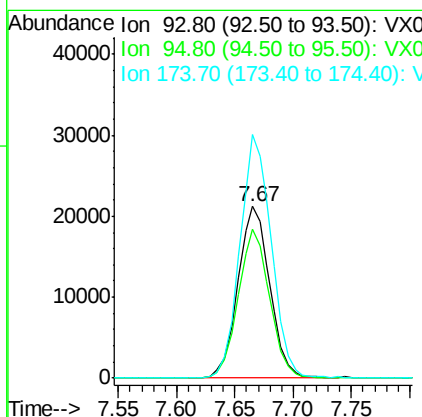
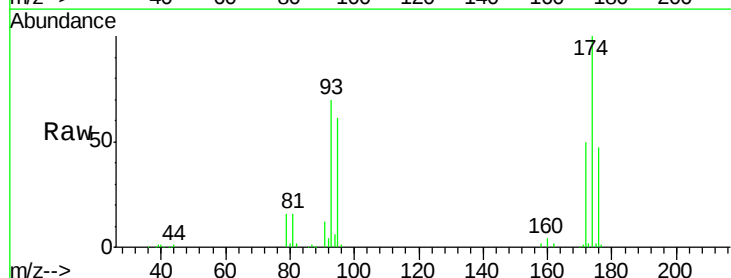
Manual Integrations
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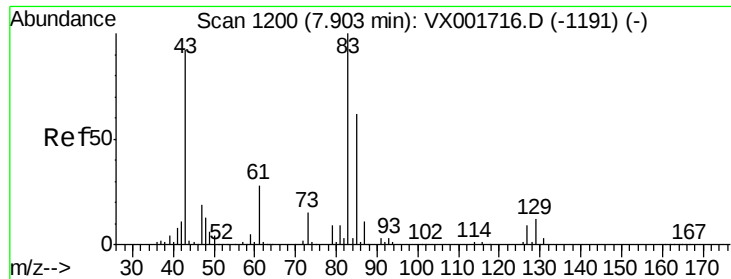
MMDadoda
 5/21/2018 2:40:36 PM



#46
 Dibromomethane
 Concen: 17.16 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion: 93 Resp: 40389
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.9 98.9
 174 139.9 106.2 159.2





#47

Bromodichloromethane

Concen: 17.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

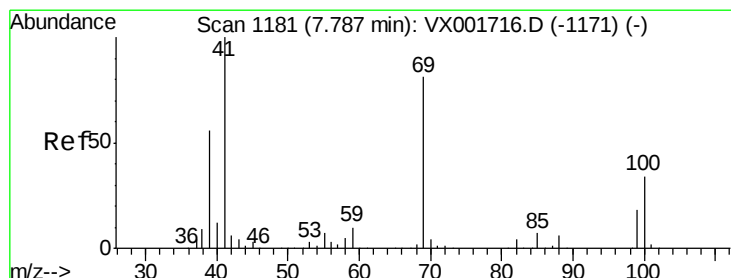
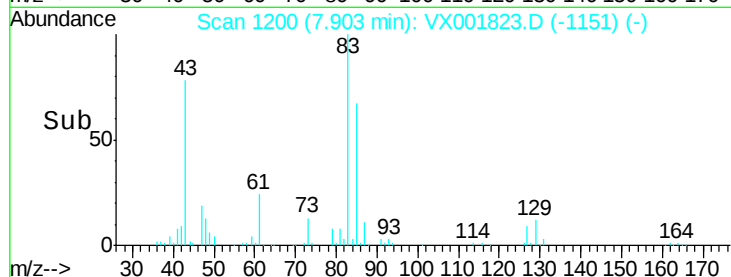
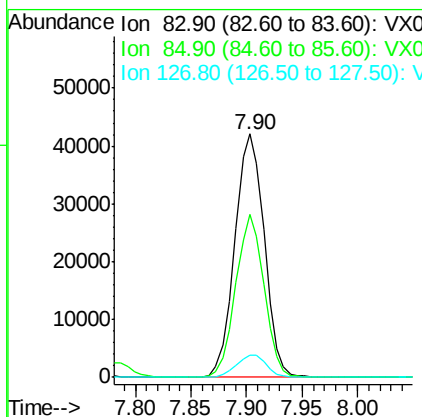
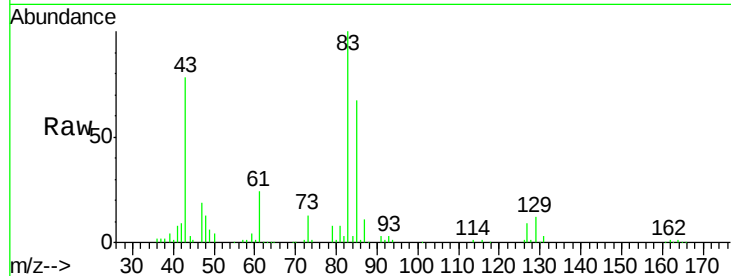
ClientSampleId :

VX0518WBS01

Tot Ion:	83	Resp:	76867
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.6	74.4
127	9.3	7.5	11.3

Manual Integrations
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MMDadoda
5/21/2018 2:40:36 PM



#48

Methyl methacrylate

Concen: 17.01 ug/l

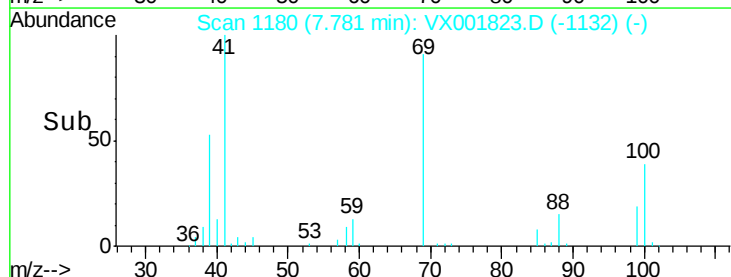
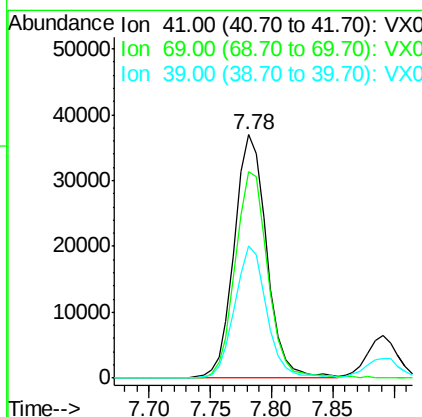
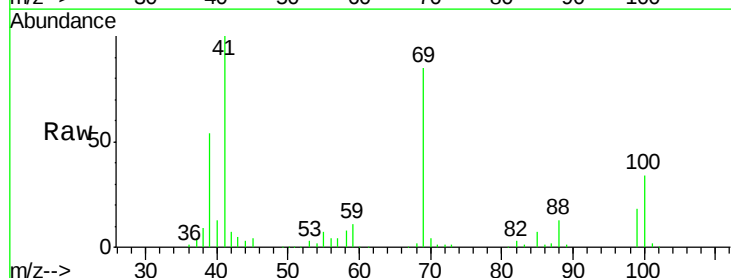
RT: 7.78 min Scan# 1180

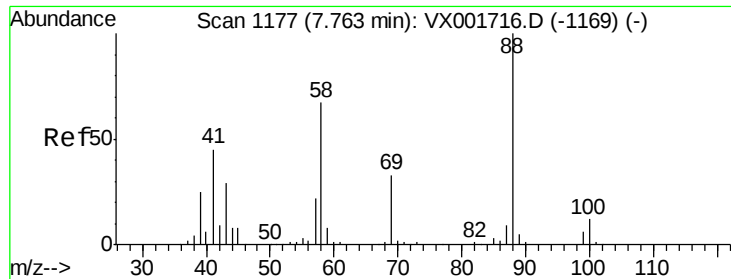
Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	41	Resp:	67709
Ion	Ratio	Lower	Upper
41	100		
69	85.7	65.2	97.8
39	53.0	44.5	66.7





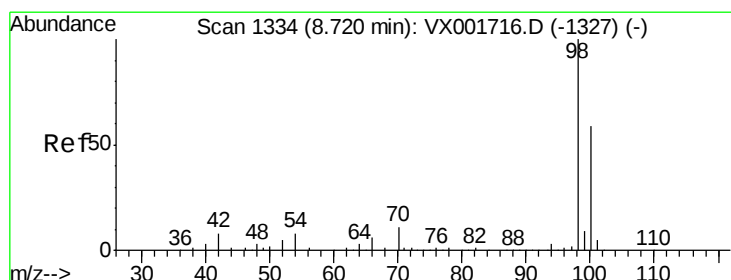
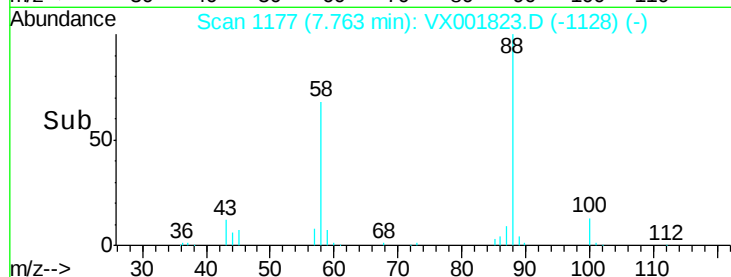
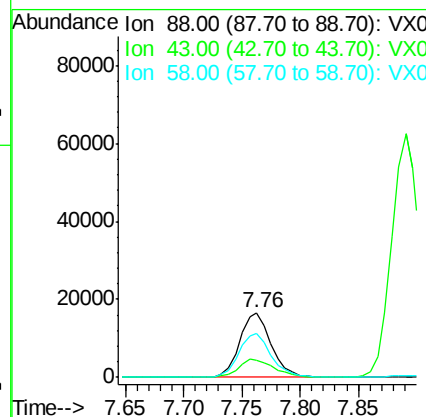
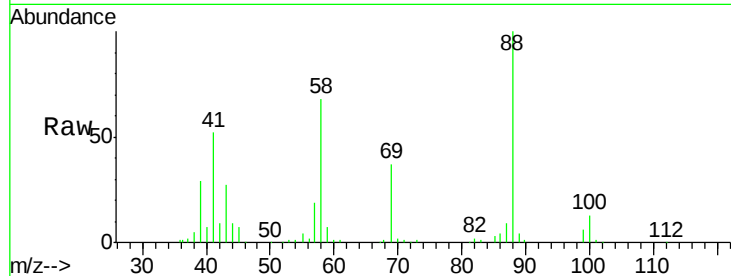
#49
1,4-Dioxane
Concen: 408.62 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	27.3	40.9
58	70.5	55.9	83.9

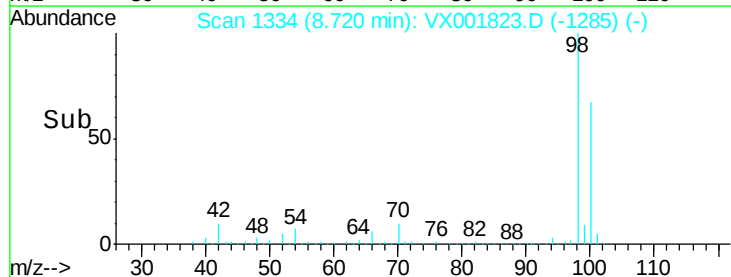
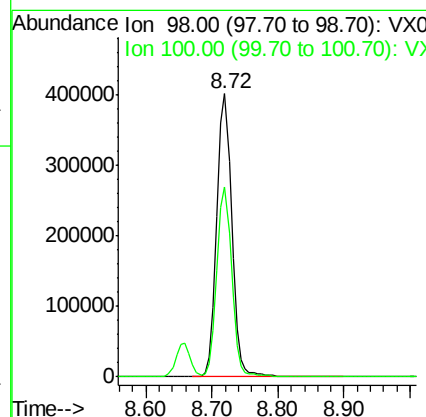
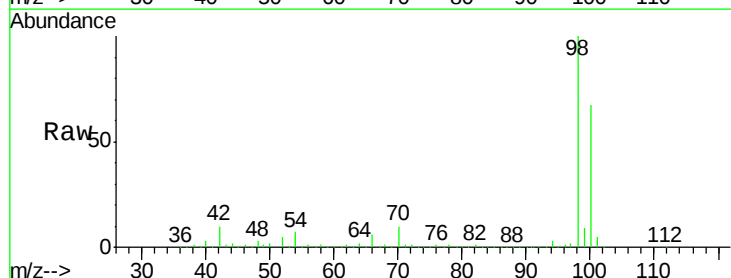
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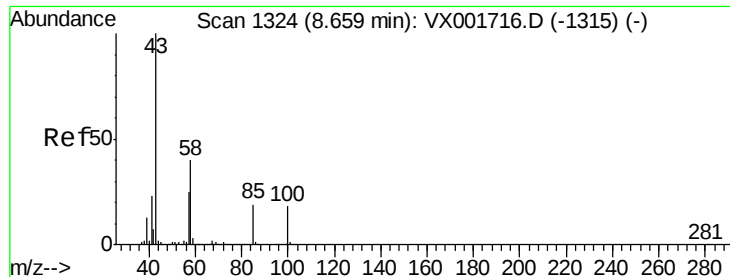
MMDadoda
5/21/2018 2:40:36 PM



#50
Toluene-d8
Concen: 52.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	54.0	81.0





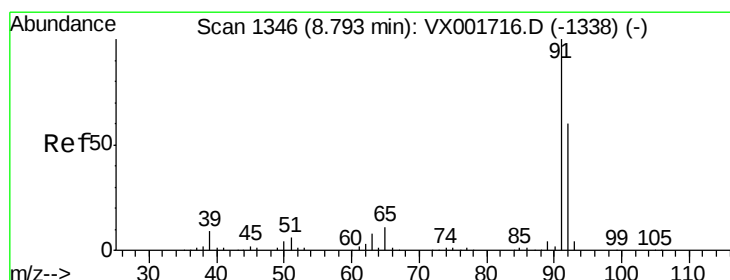
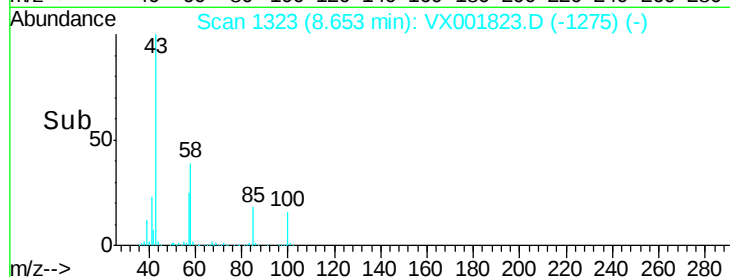
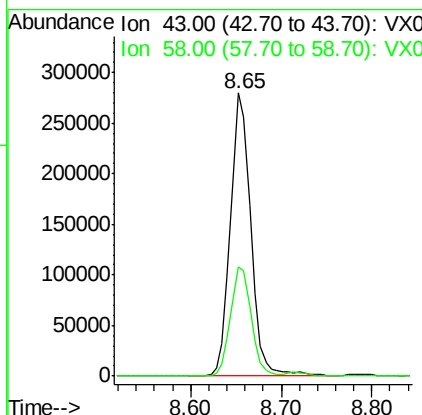
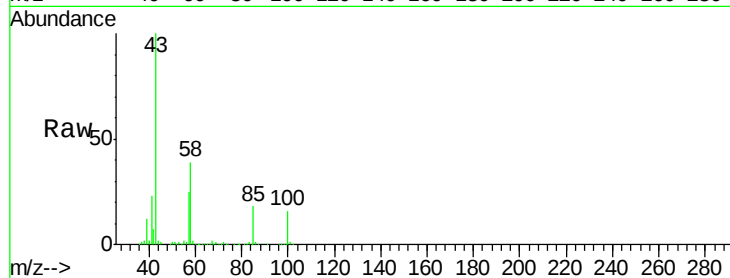
#51
4-Methyl-2-Pentanone
Concen: 91.78 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.4	47.0

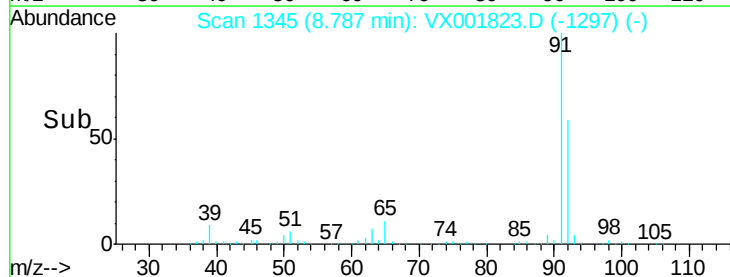
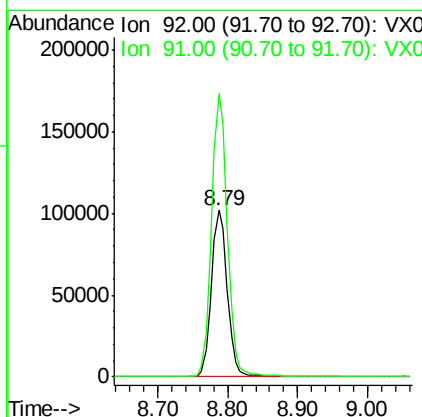
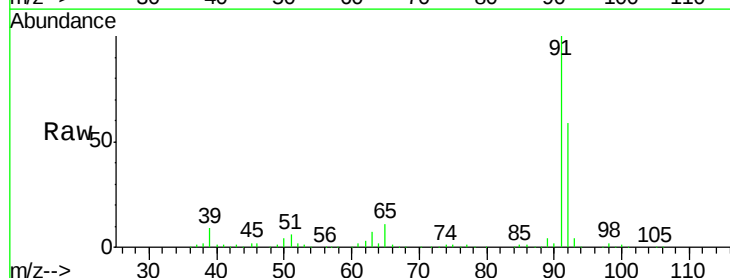
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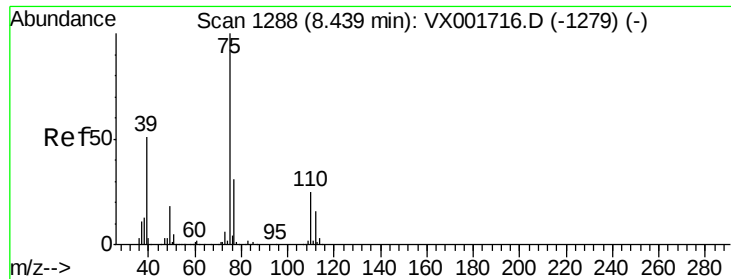
MMDadoda
5/21/2018 2:40:36 PM



#52
Toluene
Concen: 18.46 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.5	203.3





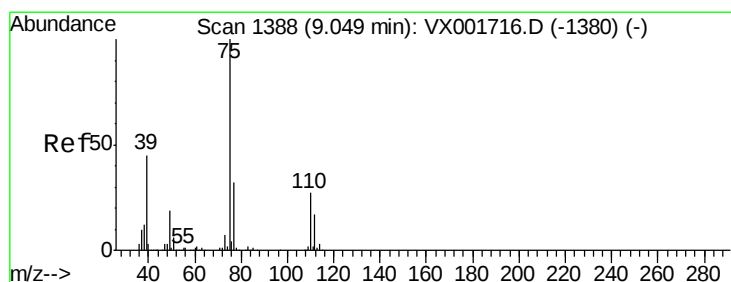
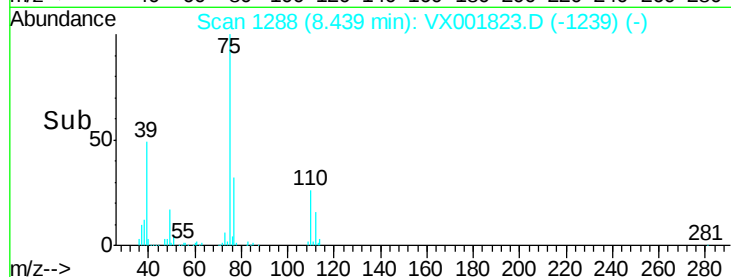
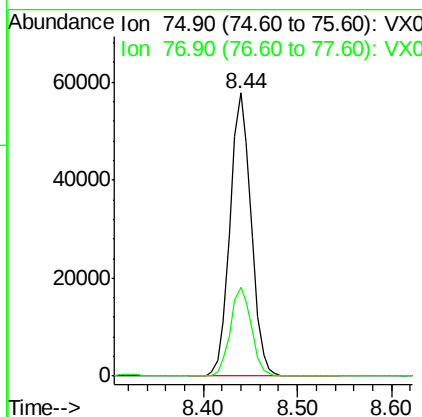
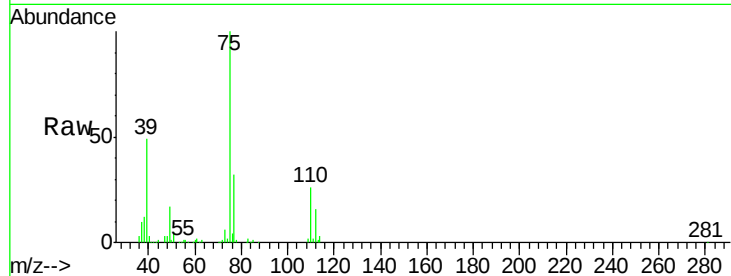
#53
t-1,3-Dichloropropene
Concen: 17.52 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6

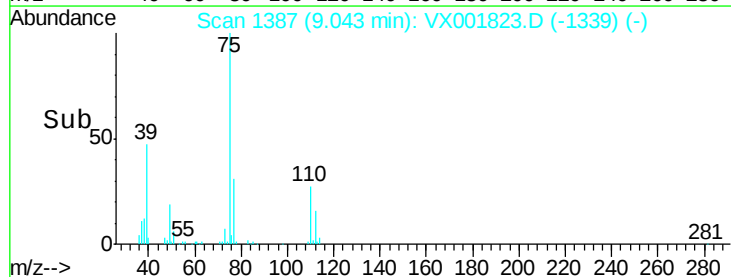
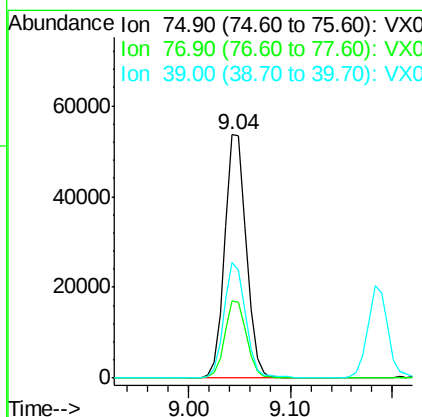
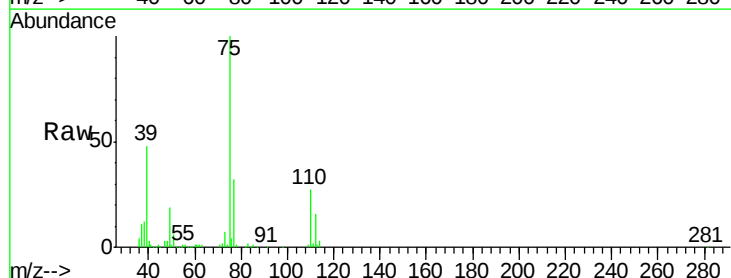
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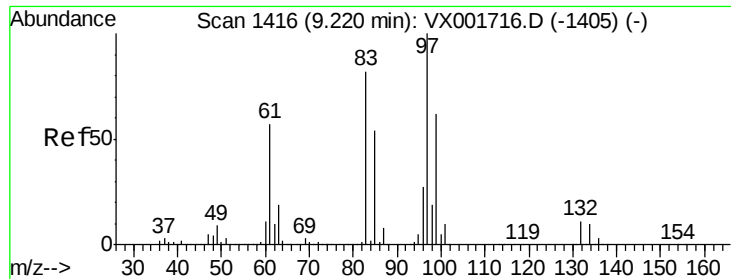
MMDadoda
5/21/2018 2:40:36 PM



#54
cis-1,3-Dichloropropene
Concen: 17.37 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2
39	47.4	36.1	54.1





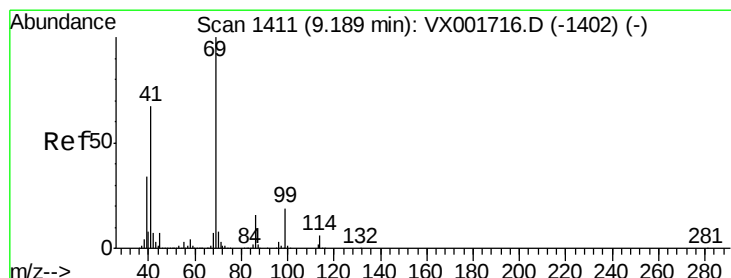
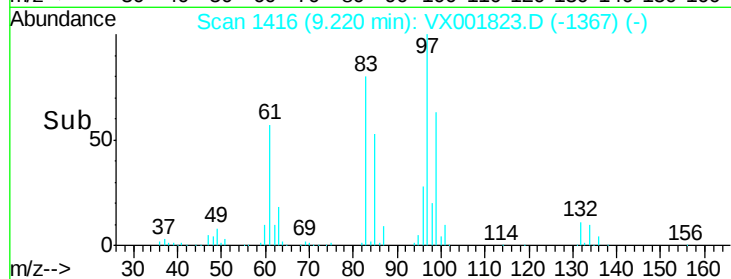
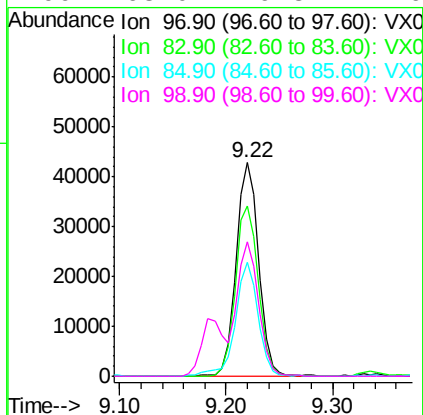
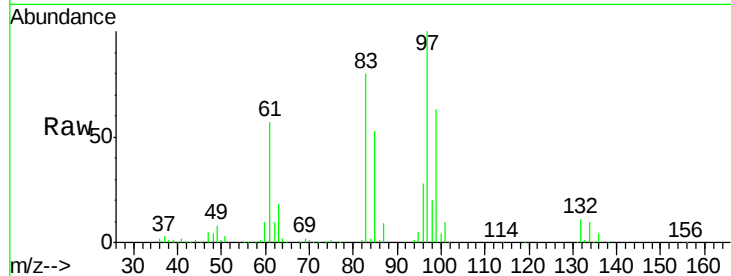
#55
 1,1,2-Trichloroethane
 Concen: 18.98 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		63679		
83	79.6	65.8	98.8		
85	53.1	43.4	65.0		
99	63.0	49.8	74.6		

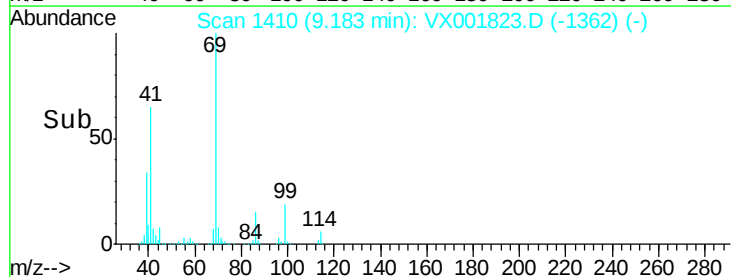
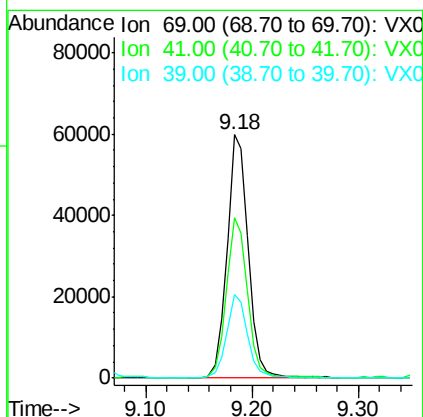
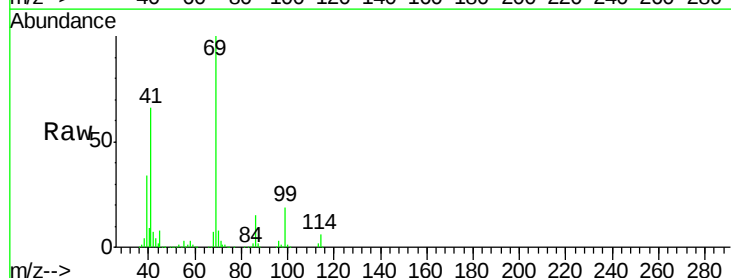
Manual Integrations
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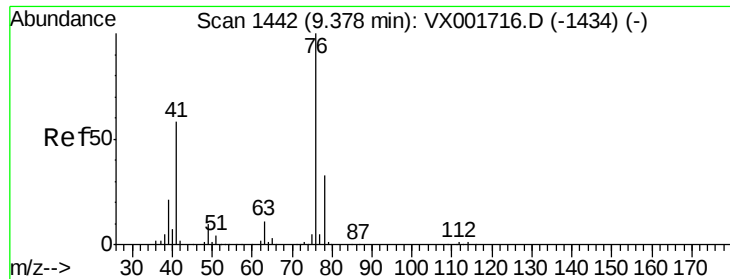
MMDadoda
 5/21/2018 2:40:36 PM



#56
 Ethyl methacrylate
 Concen: 17.58 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		83646		
41	65.3	53.5	80.3		
39	33.2	27.2	40.8		





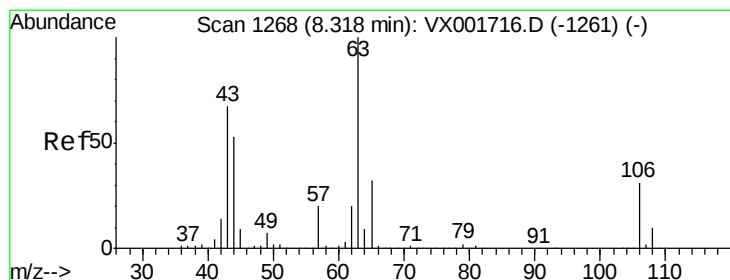
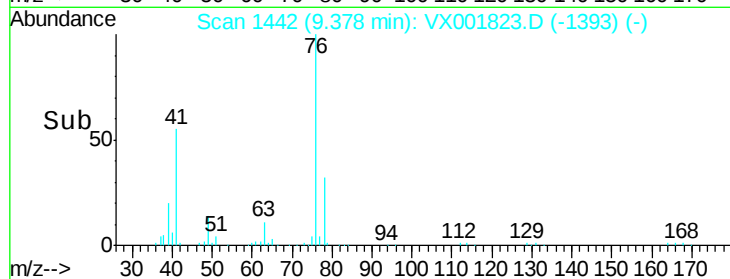
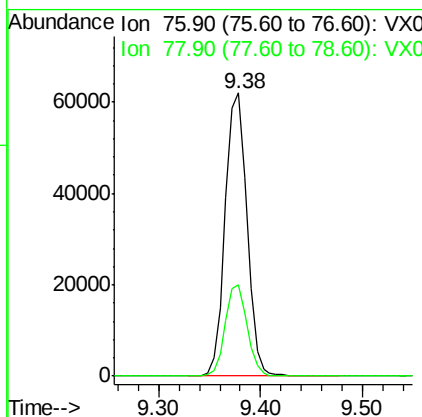
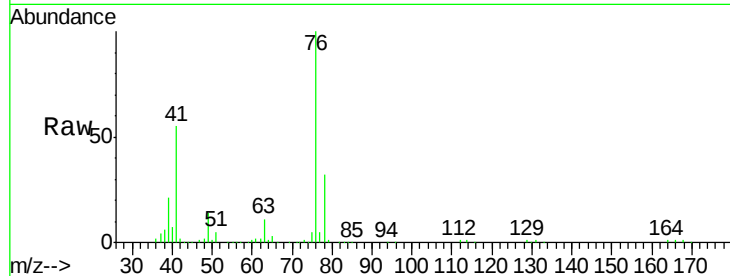
#57
 1,3-Dichloropropane
 Concen: 16.39 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

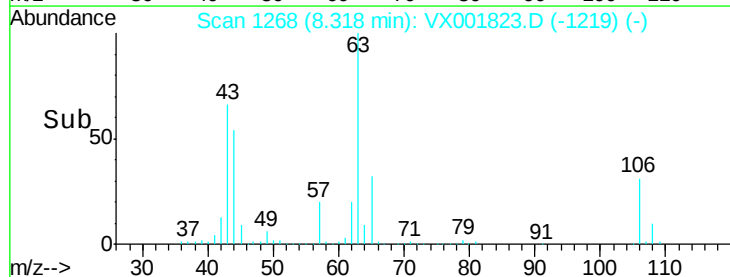
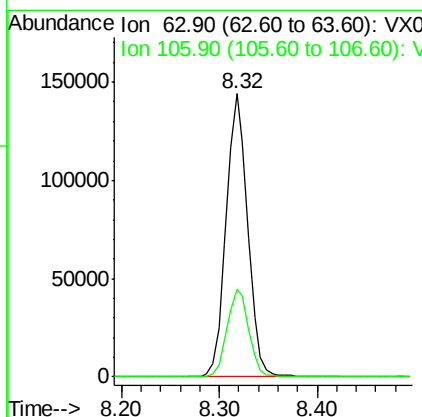
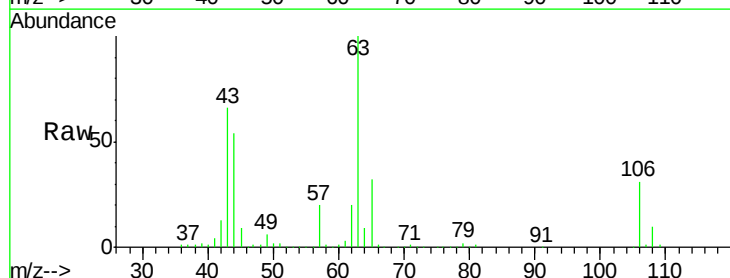
Manual Integrations
 APPROVED

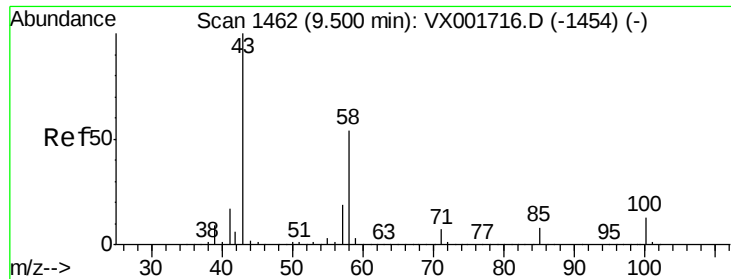
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.77 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.1	37.7





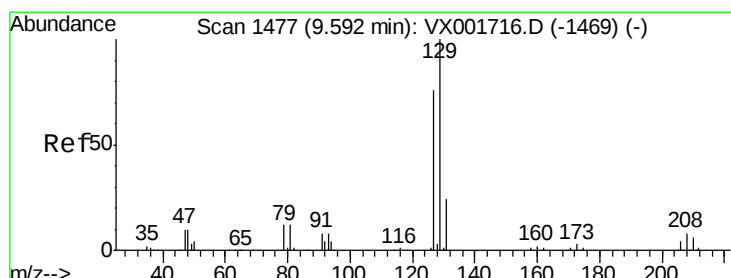
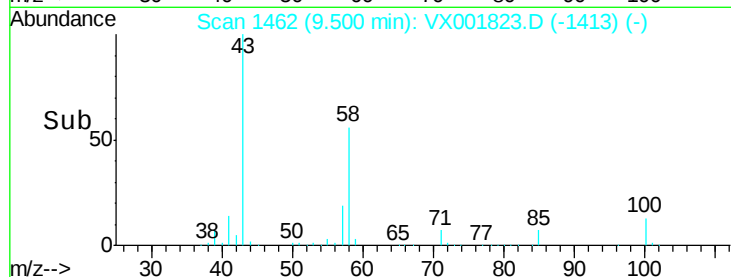
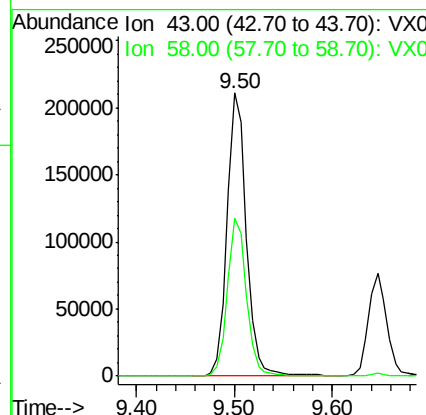
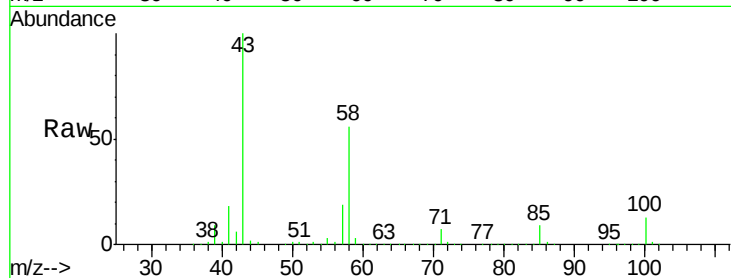
#59
2-Hexanone
Concen: 83.95 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion: 43 Resp: 287984
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1

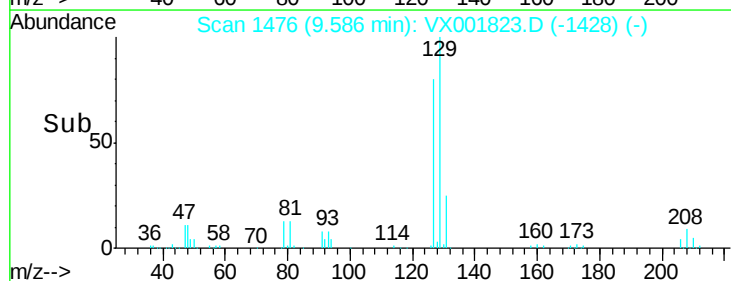
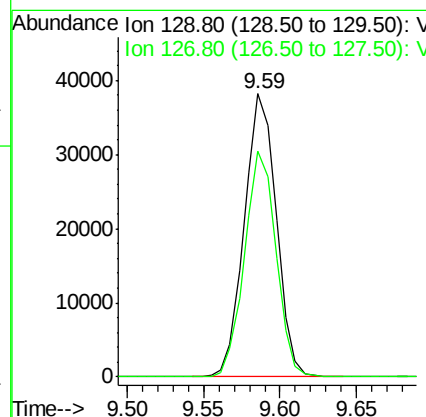
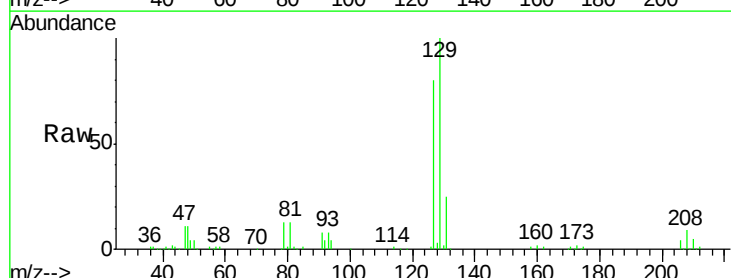
Manual Integrations
APPROVED

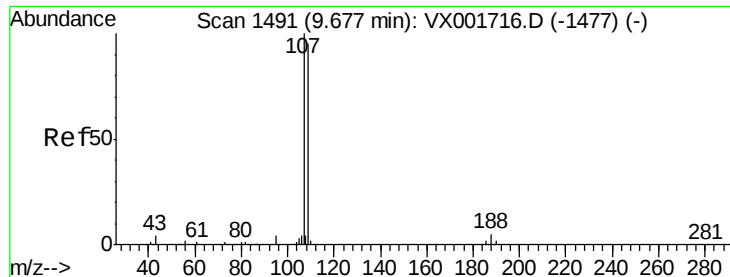
MMDadoda
5/21/2018 2:40:36 PM



#60
Dibromochloromethane
Concen: 16.12 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion: 129 Resp: 55387
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 16.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion:107 Resp: 56741

Ion Ratio Lower Upper

107 100

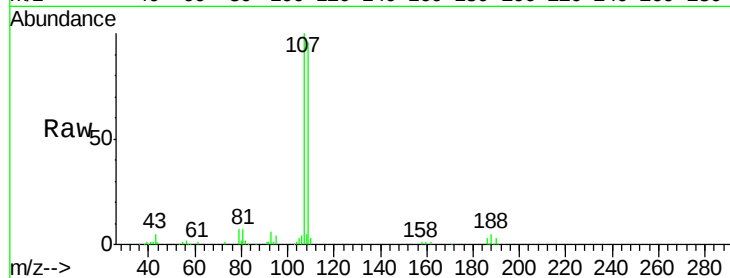
109 94.3 76.2 114.2

Manual Integrations

APPROVED

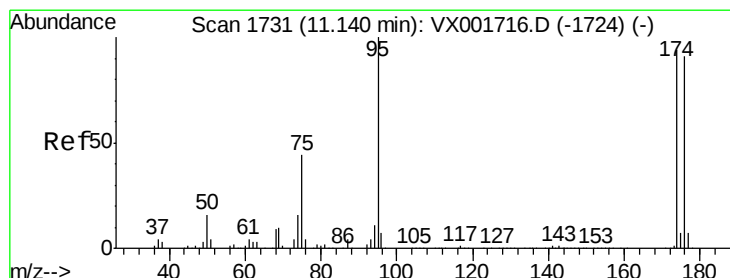
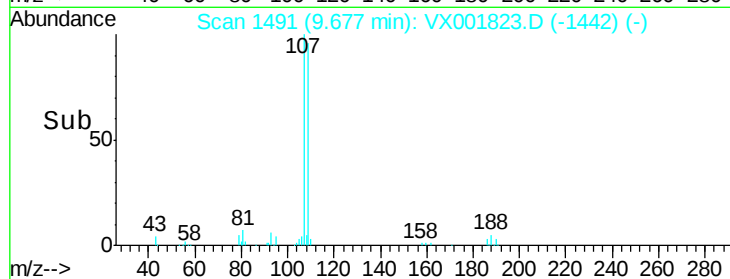
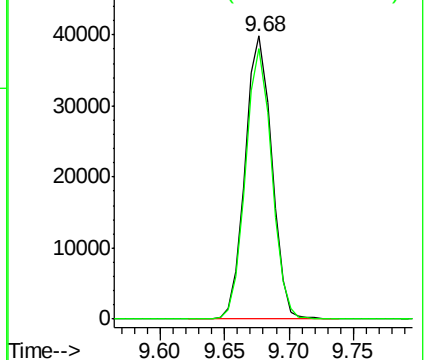
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

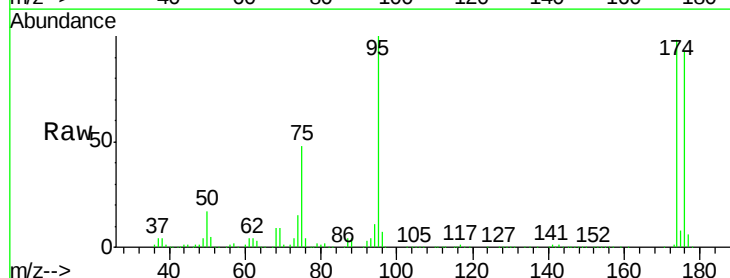
Tgt Ion: 95 Resp: 194638

Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.8

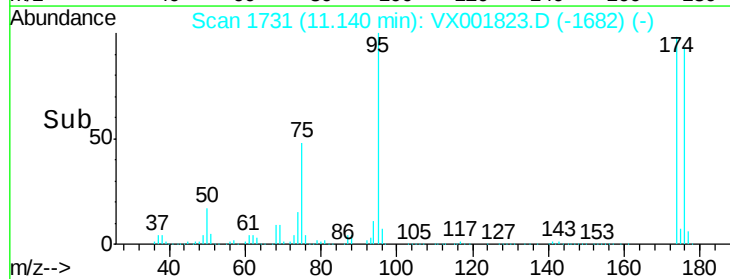
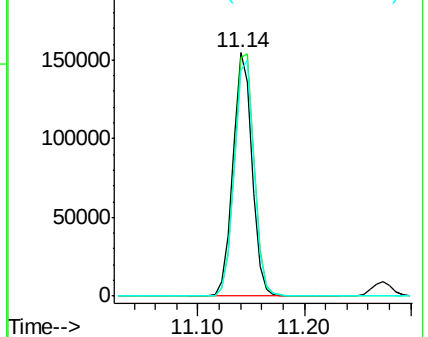
176 100.1 0.0 196.8

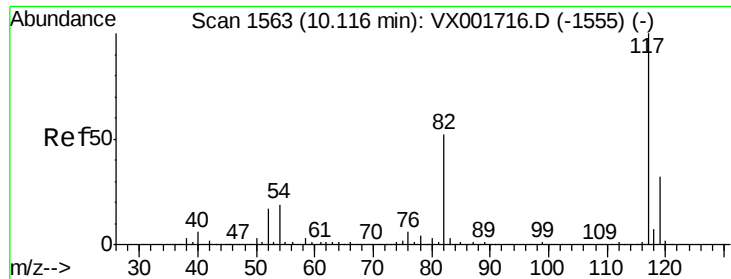


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





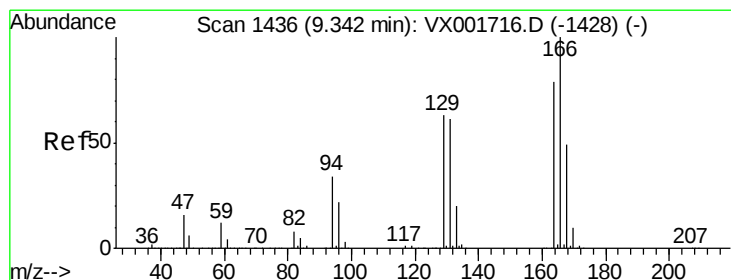
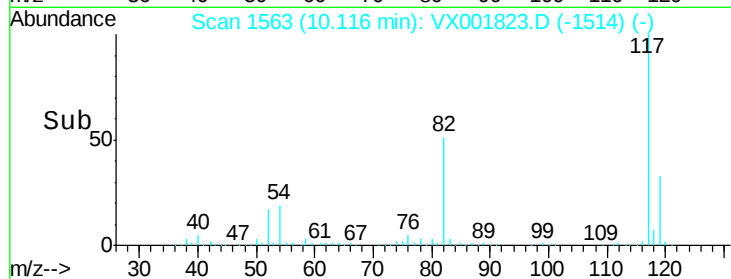
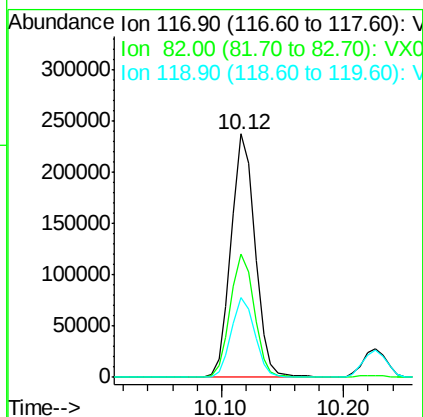
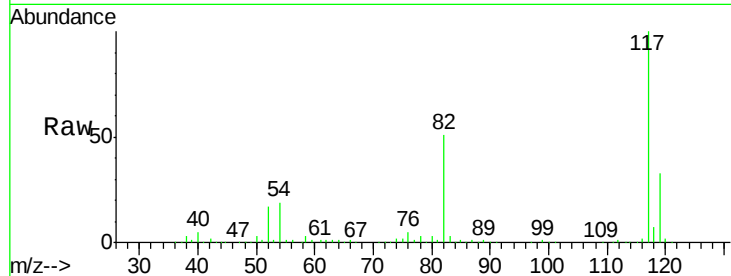
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.4	62.2
119	33.0	25.6	38.4

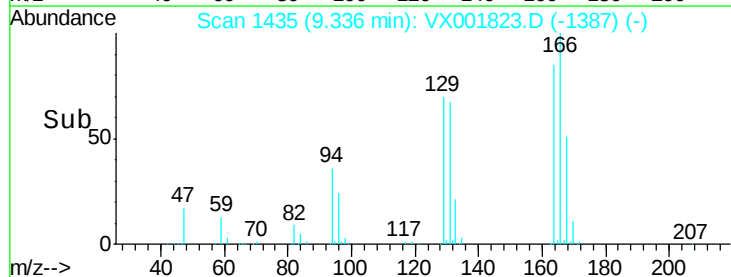
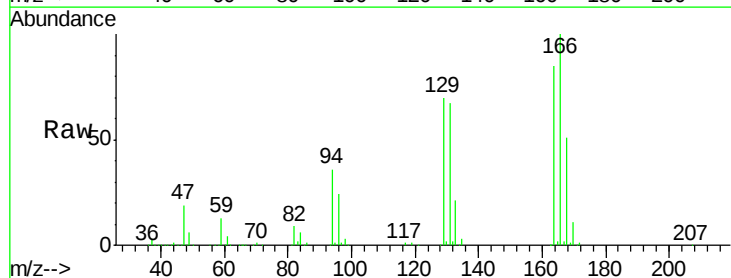
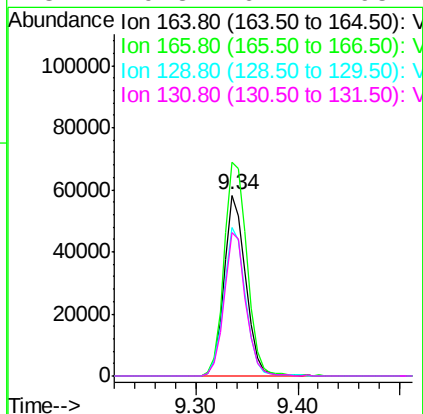
Manual Integrations
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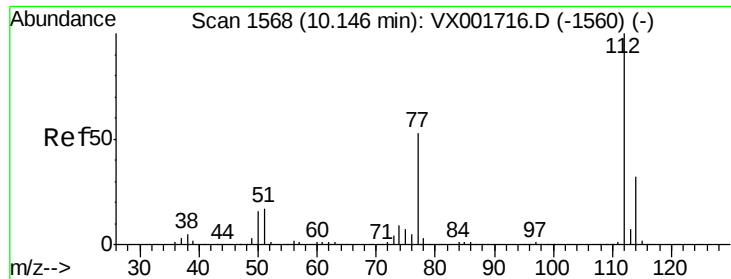
MMDadoda
5/21/2018 2:40:36 PM



#64
Tetrachloroethene
Concen: 20.30 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.1	101.8	152.8
129	82.1	63.8	95.6
131	79.3	62.2	93.2





#65

Chlorobenzene

Concen: 17.51 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

Tot Ion:112 Resp: 154879

Ion Ratio Lower Upper

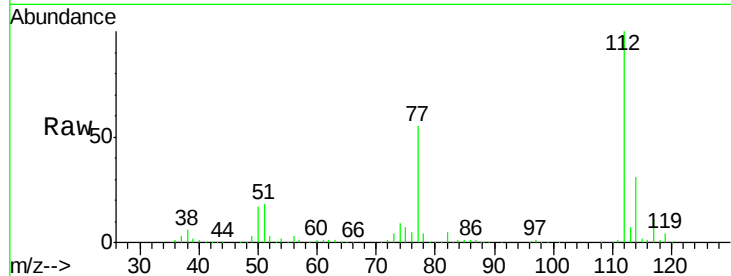
112 100

114 31.3 25.6 38.4

Manual Integrations
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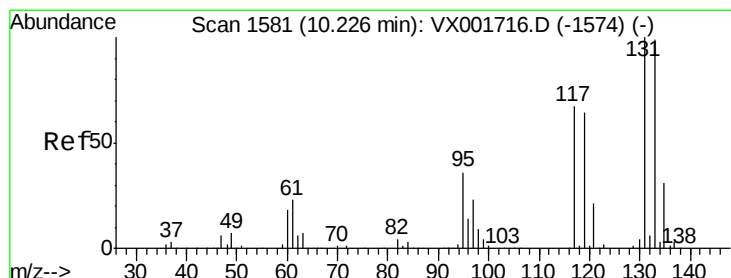
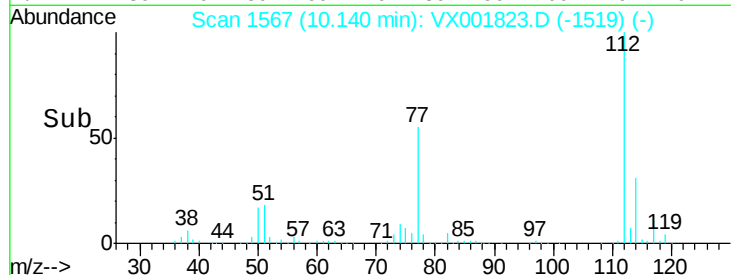
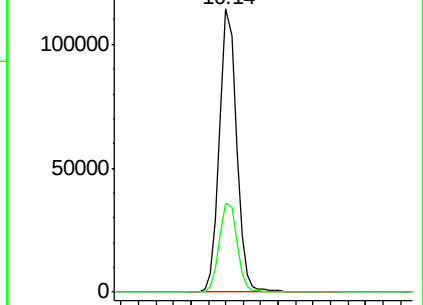
MMDadoda

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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: 18.05 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

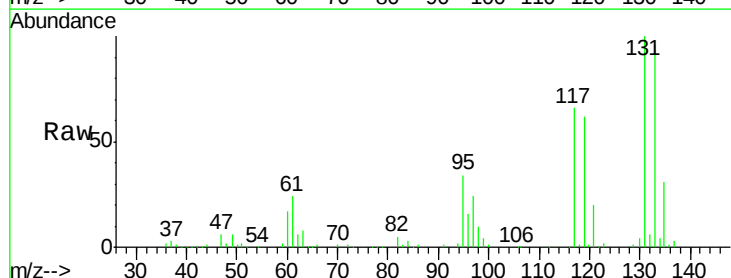
Tgt Ion:131 Resp: 56388

Ion Ratio Lower Upper

131 100

133 95.7 48.5 145.6

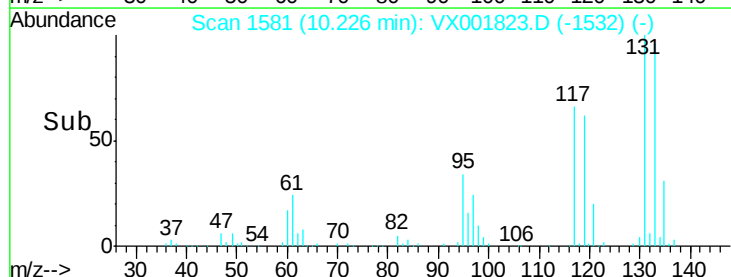
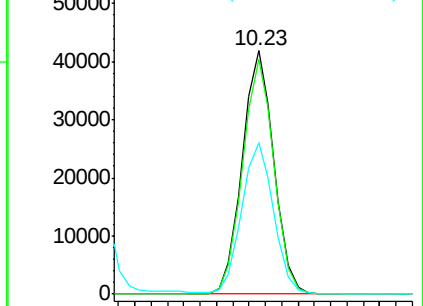
119 63.3 31.9 95.5

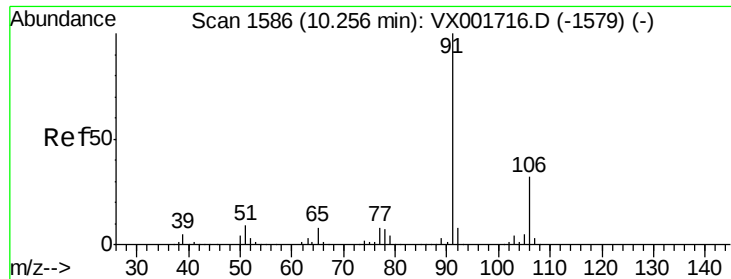


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.91 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

Tot Ion: 91 Resp: 253244

Ion Ratio Lower Upper

91 100

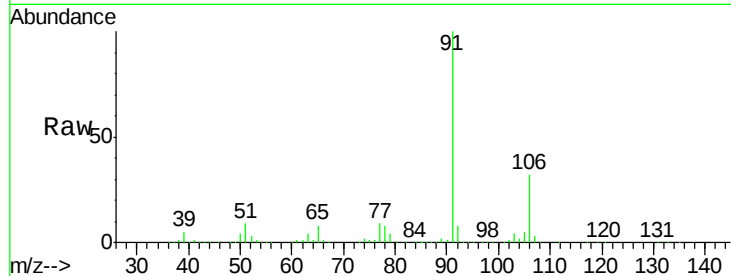
106 32.3 25.7 38.5

Manual Integrations

APPROVED

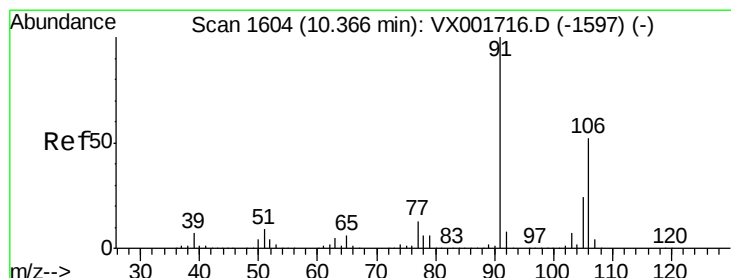
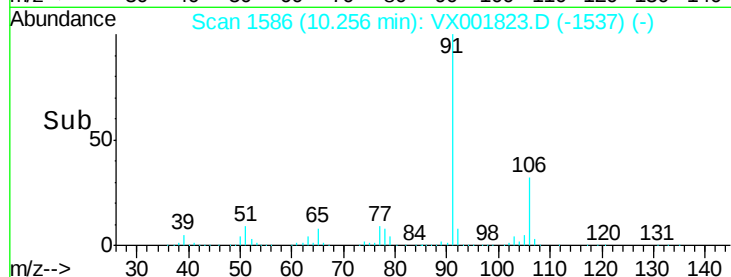
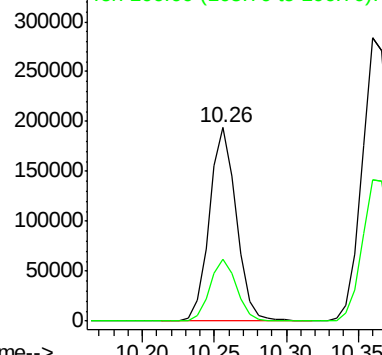
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.29 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001823.D

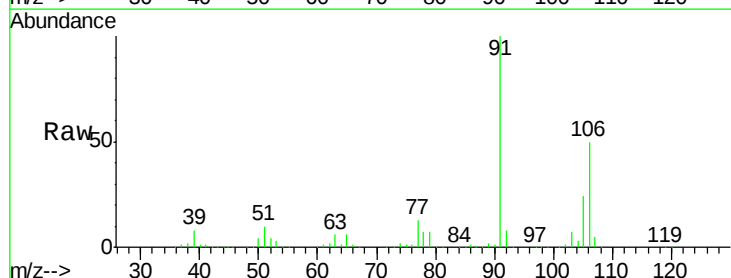
Acq: 18 May 2018 14:00

Tgt Ion:106 Resp: 202428

Ion Ratio Lower Upper

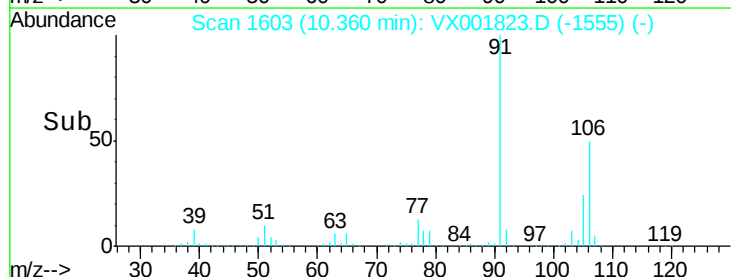
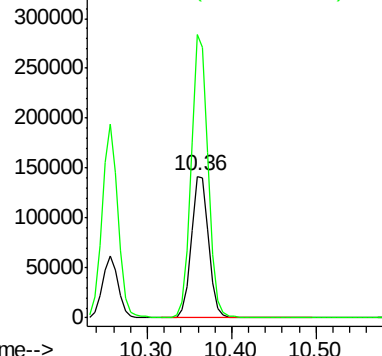
106 100

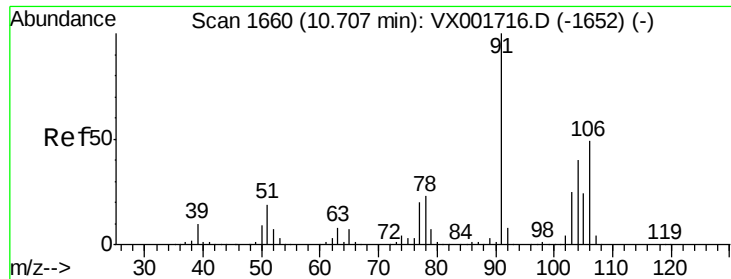
91 194.4 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





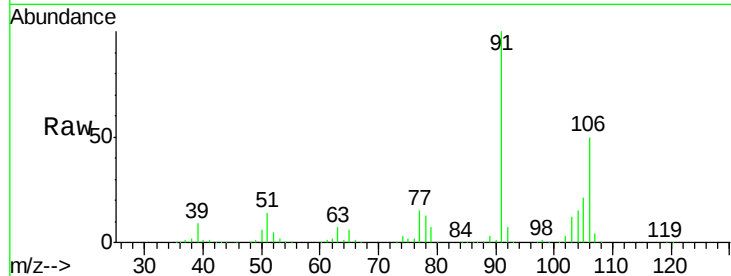
#69
o-Xylene
Concen: 18.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampled :
VX0518WBS01

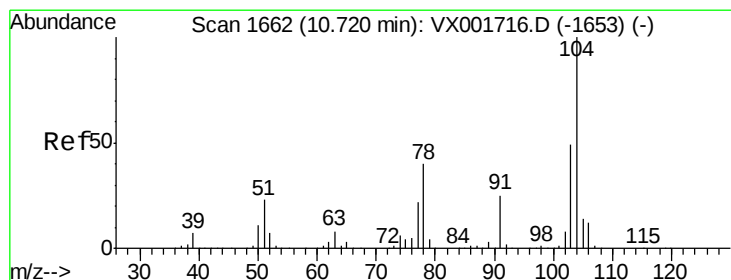
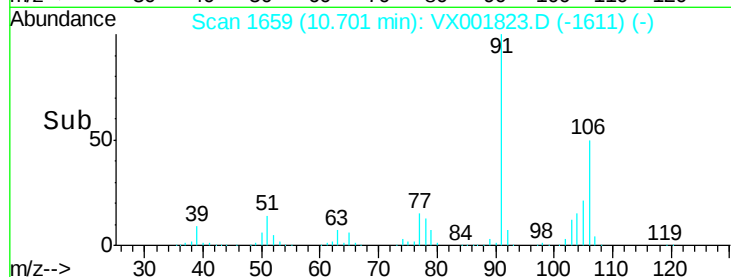
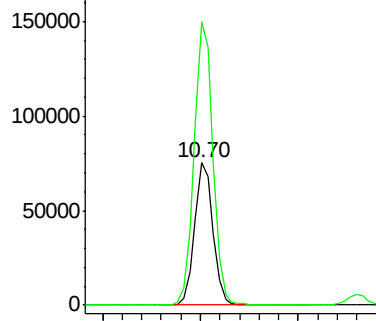
Tot Ion:106 Resp: 98079
Ion Ratio Lower Upper
106 100
91 203.4 103.4 310.2

Manual Integrations
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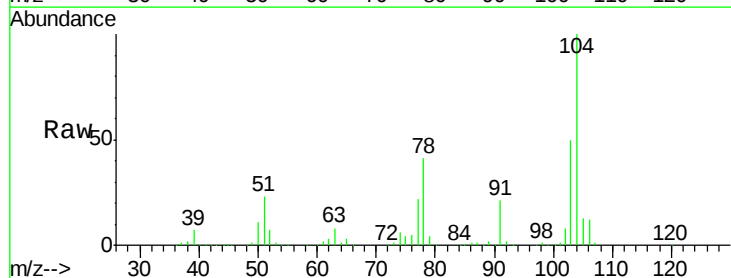


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

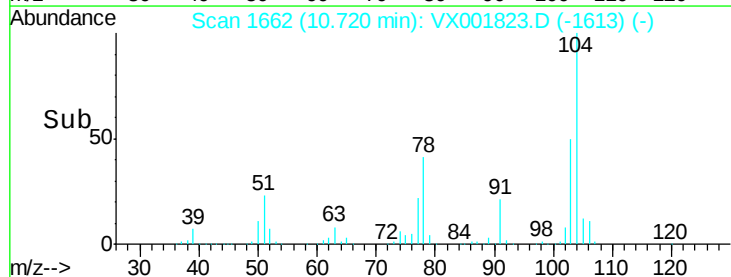
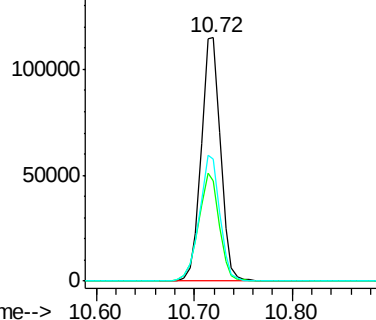


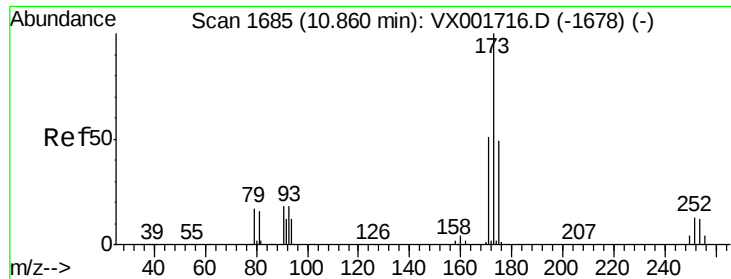
#70
Styrene
Concen: 17.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion:104 Resp: 158307
Ion Ratio Lower Upper
104 100
78 47.3 37.3 55.9
103 54.6 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.15 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

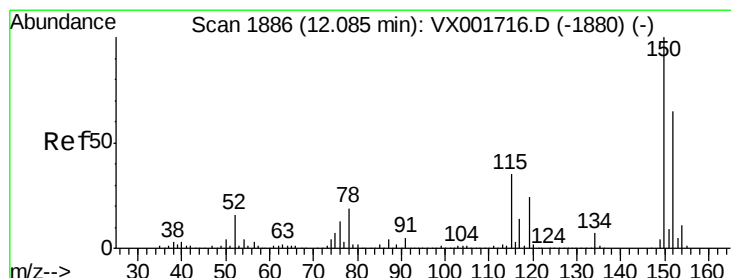
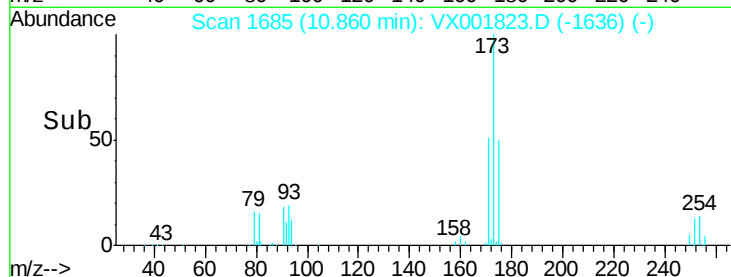
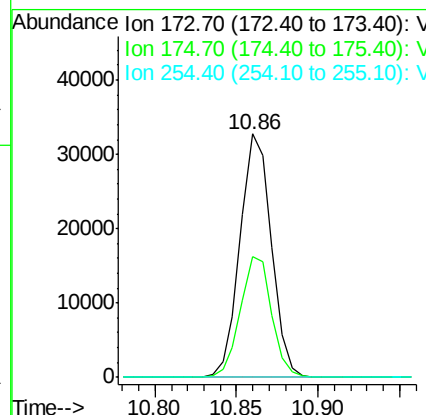
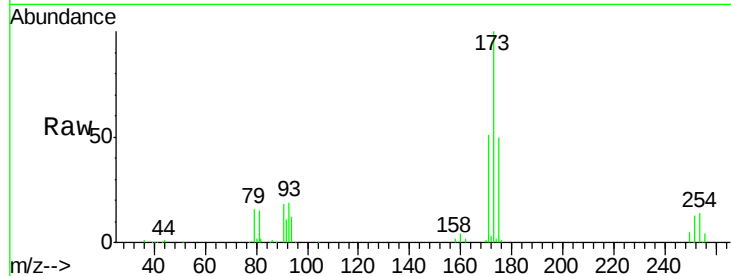
ClientSampleId :

VX0518WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	72.8
254	0.2	0.2	0.2

Manual Integrations
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5/21/2018 2:40:36 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

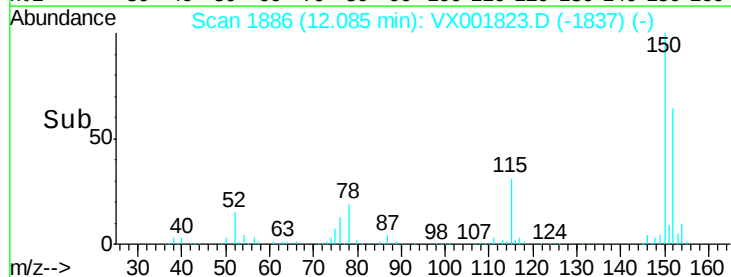
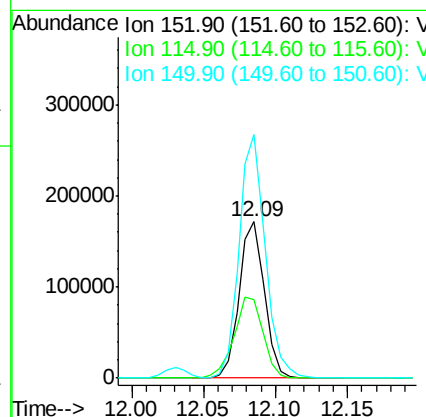
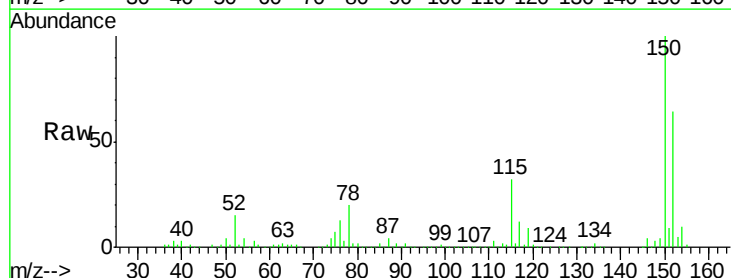
RT: 12.09 min Scan# 1886

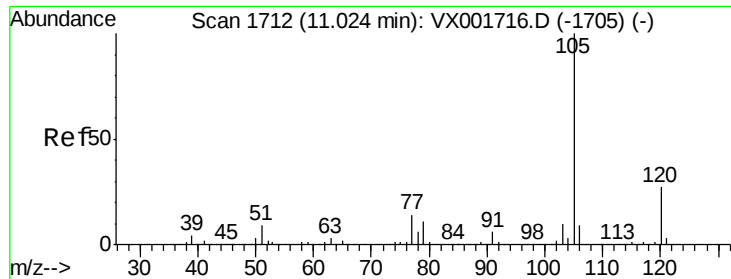
Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	37.4	112.2
150	161.8	0.0	344.8





#73

Isopropylbenzene

Concen: 19.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBS01

Tot Ion: 105 Resp: 263951

Ion Ratio Lower Upper

105 100

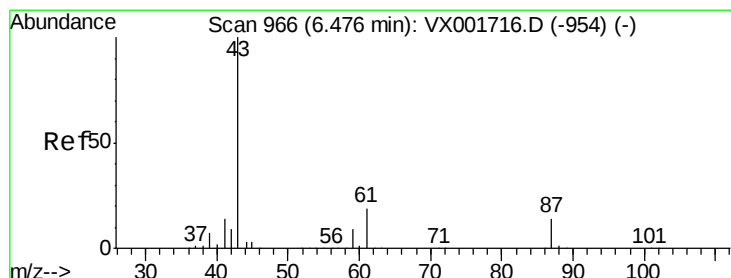
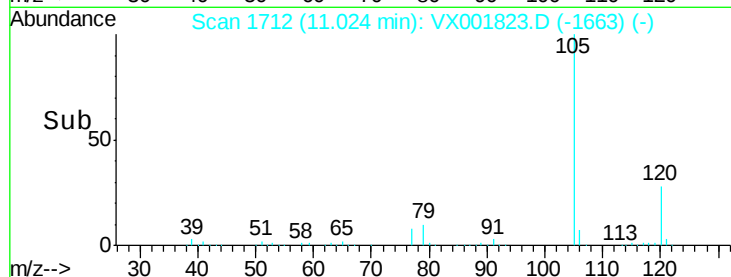
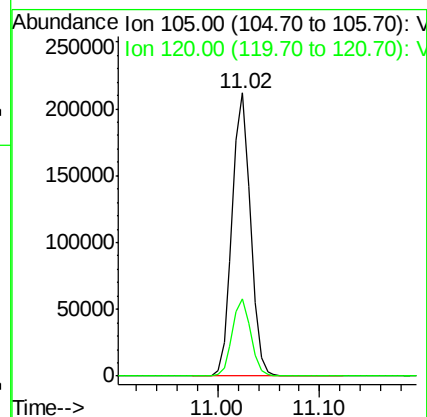
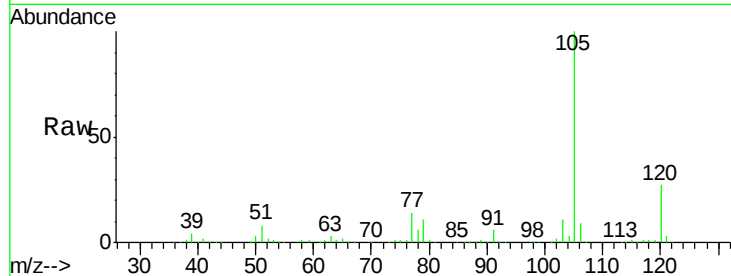
120 27.2 13.8 41.3

Manual Integrations

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5/21/2018 2:40:36 PM



#74

N-ethyl acetate

Concen: 19.44 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion: 43 Resp: 128885

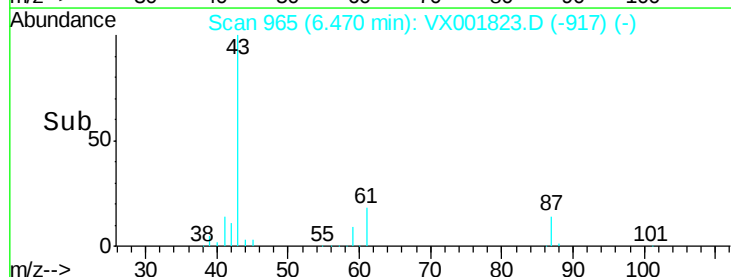
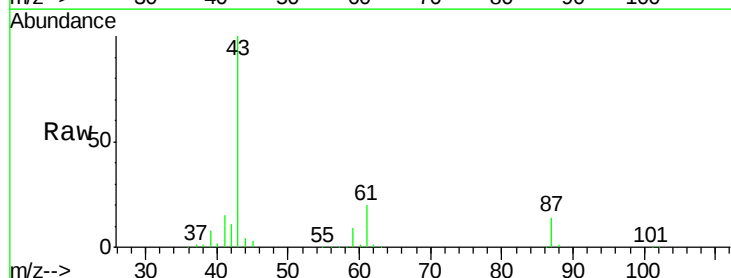
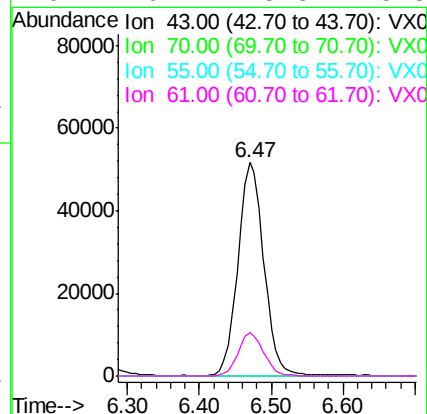
Ion Ratio Lower Upper

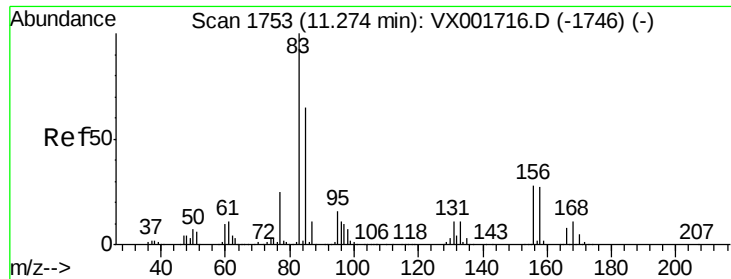
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.1 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

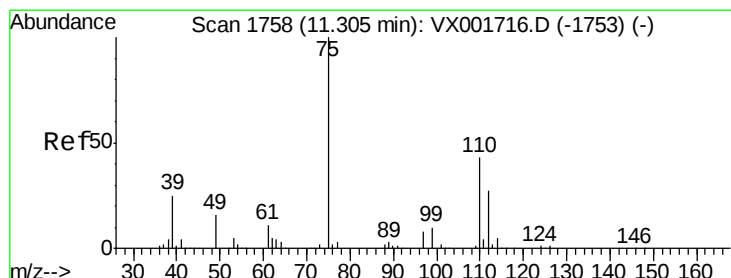
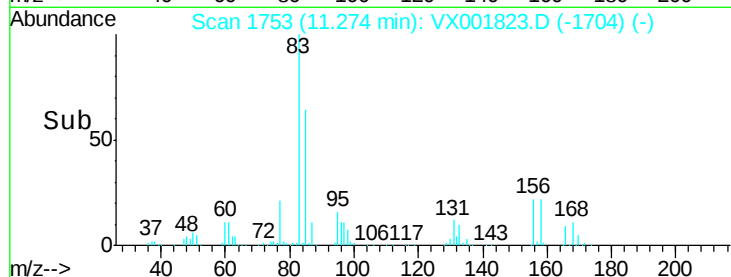
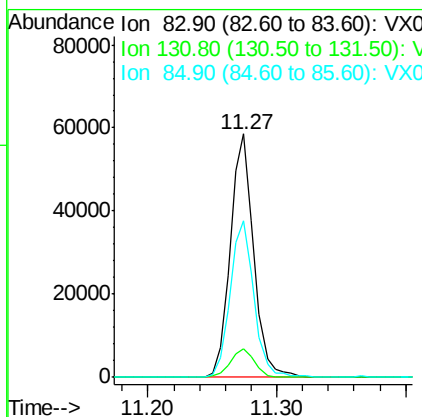
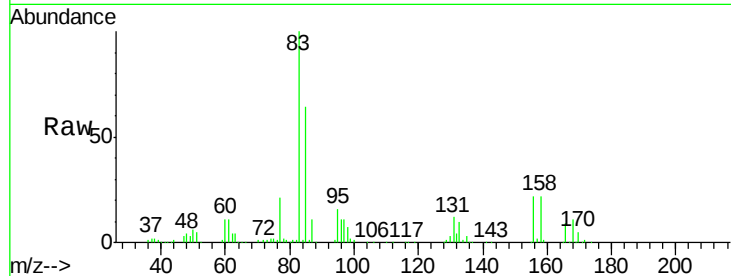
ClientSampleId :

VX0518WBS01

Tot Ion	83	Resp	74370
Ion Ratio	100	Lower	Upper
83	100		
131	12.0	5.7	17.0
85	65.7	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 20.37 ug/l m

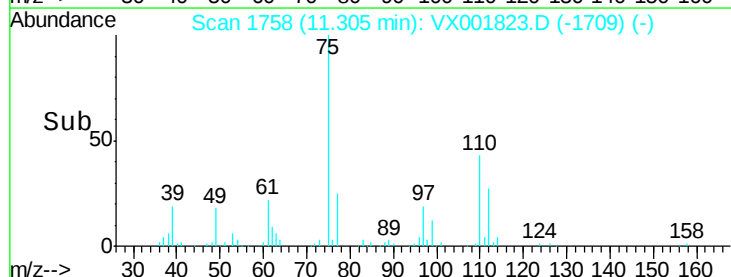
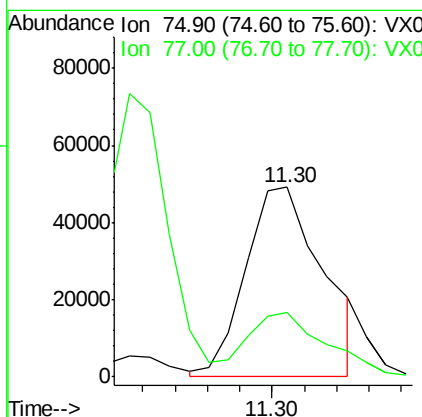
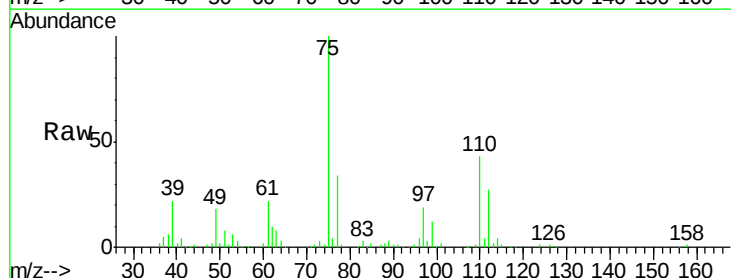
RT: 11.30 min Scan# 1758

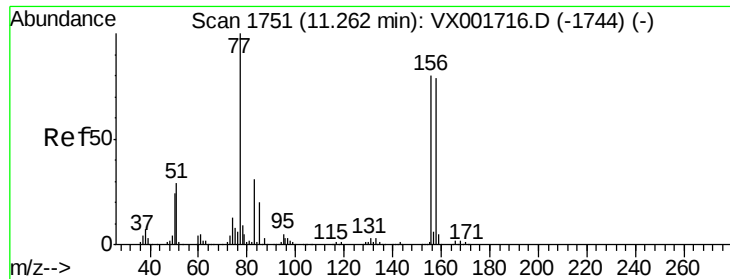
Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion	75	Resp	81338
Ion Ratio	100	Lower	Upper
75	100		
77	35.5	18.9	56.7





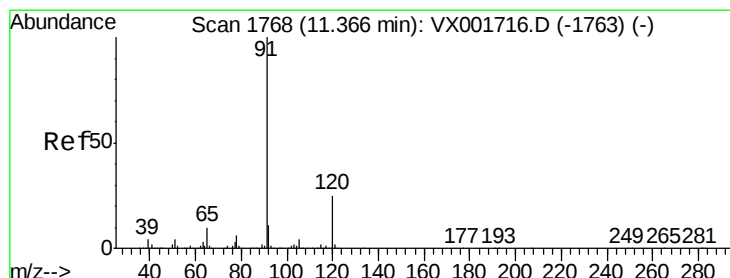
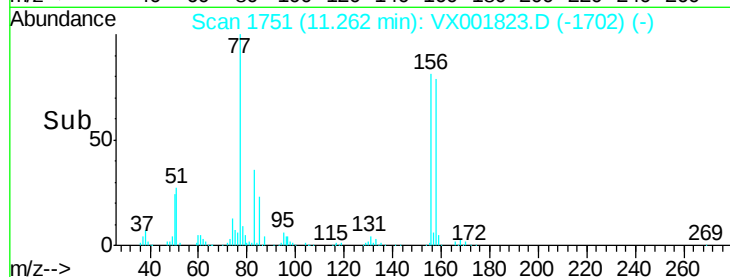
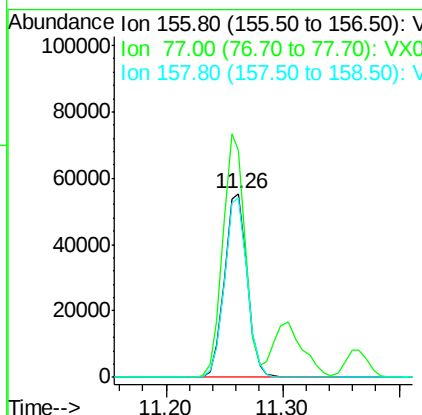
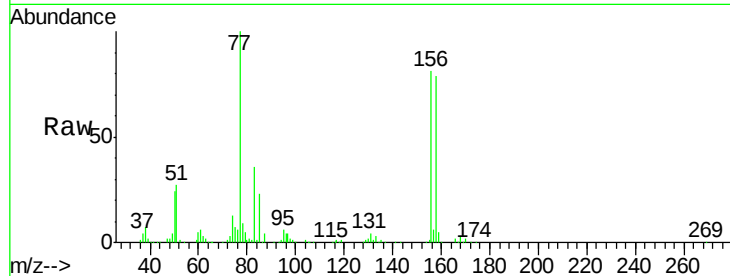
#77
Bromobenzene
Concen: 18.32 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	129.8	65.3	196.0
158	98.1	49.1	147.3

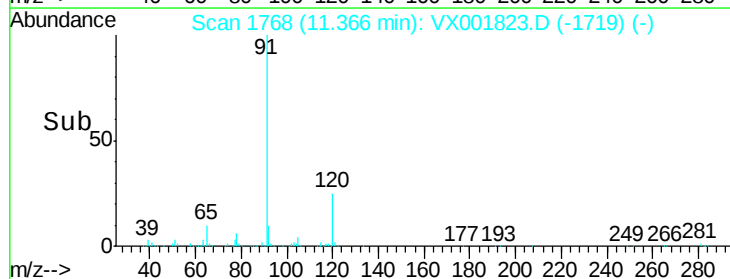
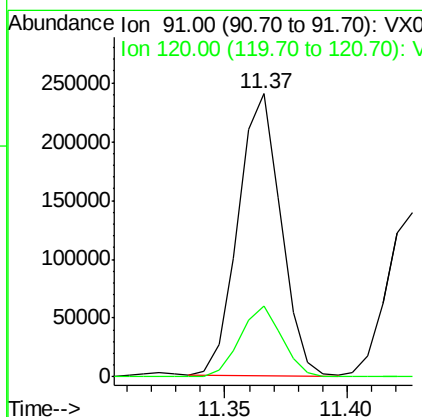
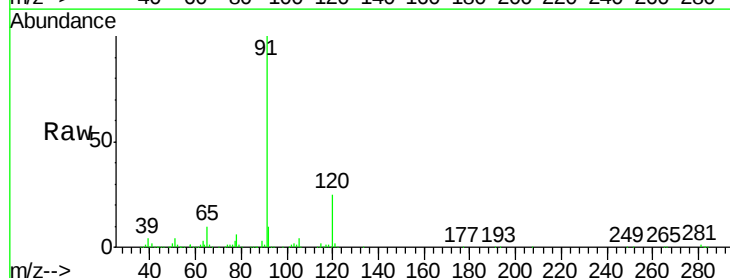
Manual Integrations
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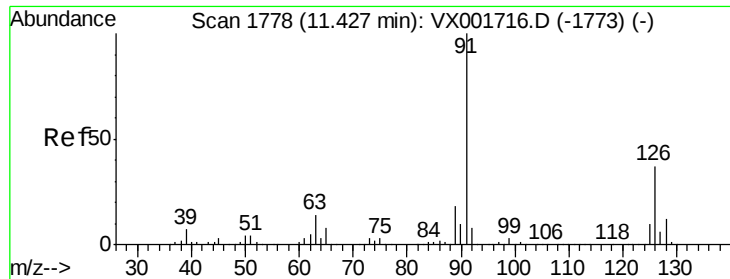
MMDadoda
5/21/2018 2:40:36 PM



#78
n-propylbenzene
Concen: 18.72 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.5	37.5





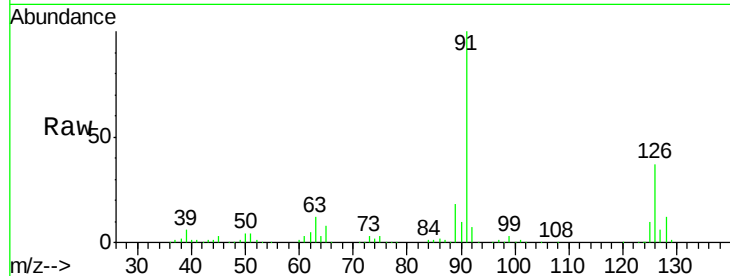
#79
 2-Chlorotoluene
 Concen: 18.86 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

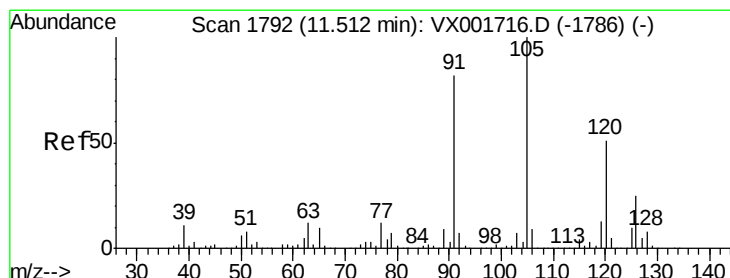
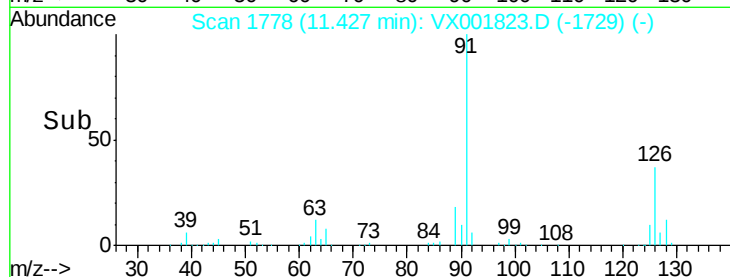
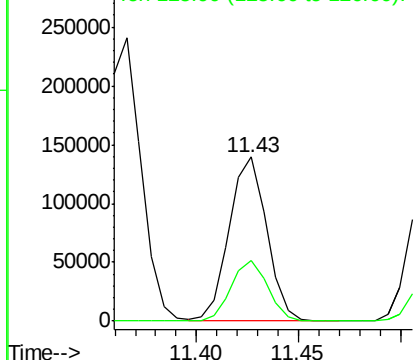
Tot Ion: 91 Resp: 175706
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.4

Manual Integrations
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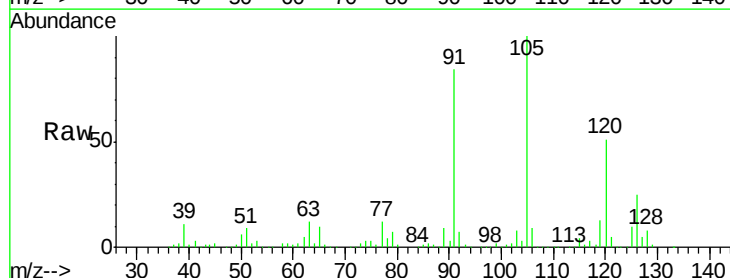


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

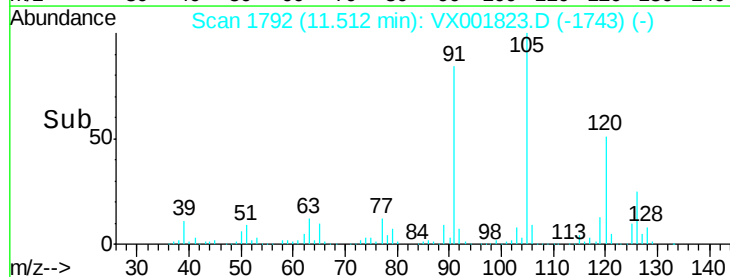
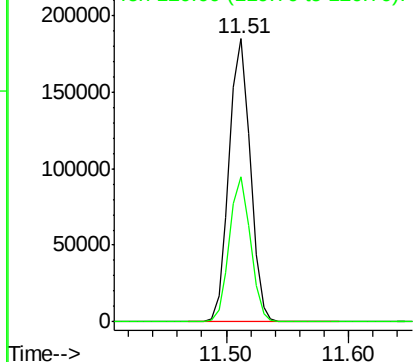


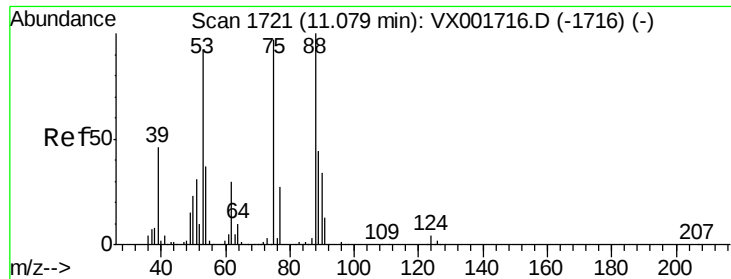
#80
 1,3,5-Trimethylbenzene
 Concen: 19.51 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion:105 Resp: 221295
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.7 77.0



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





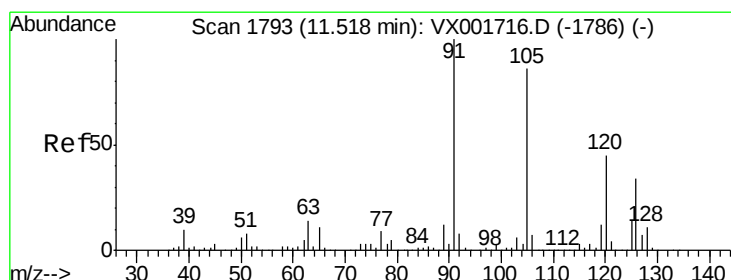
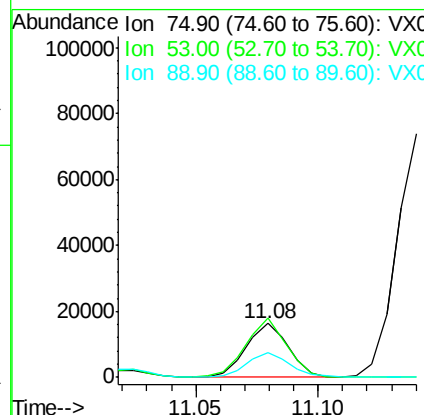
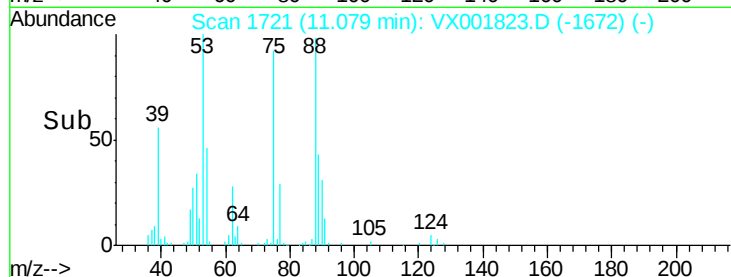
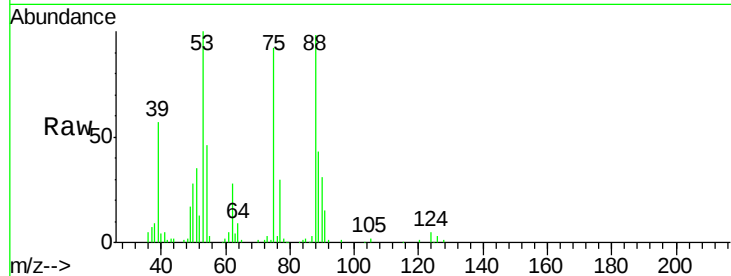
#81
trans-1,4-Dichloro-2-butene
Concen: 16.80 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.4	79.4	119.2
89	48.4	38.8	58.2

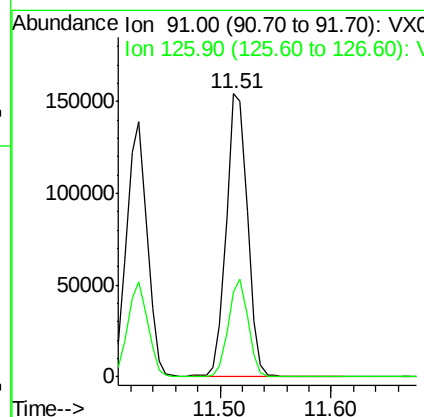
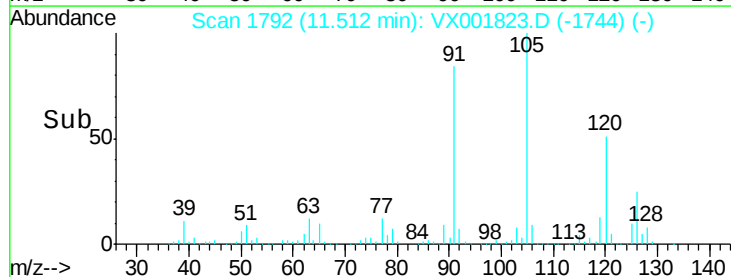
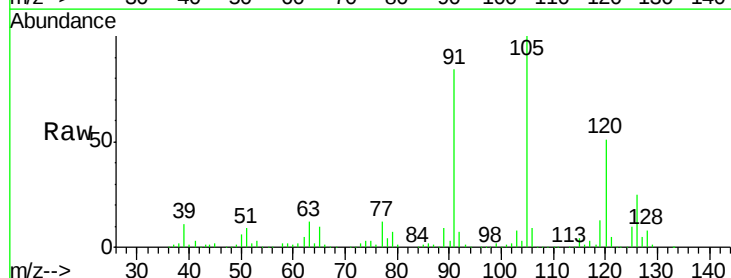
Manual Integrations
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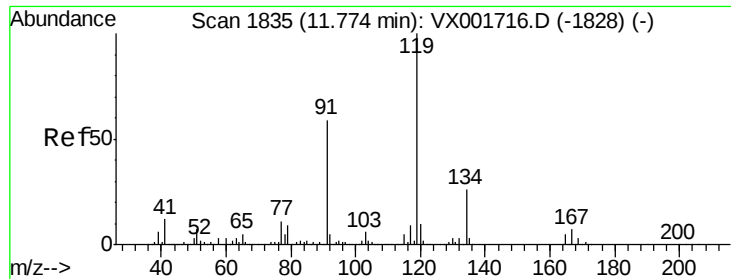
MMDadoda
5/21/2018 2:40:36 PM



#82
4-Chlorotoluene
Concen: 18.54 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





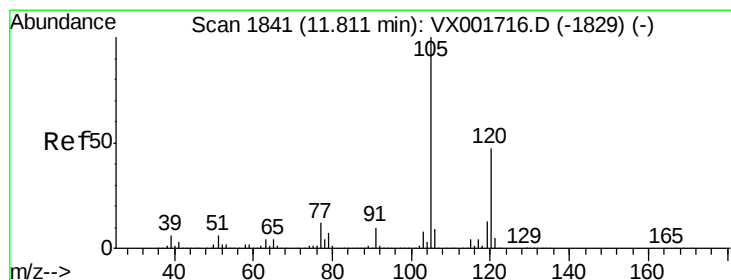
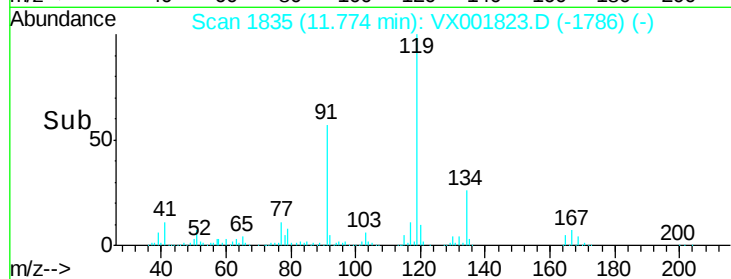
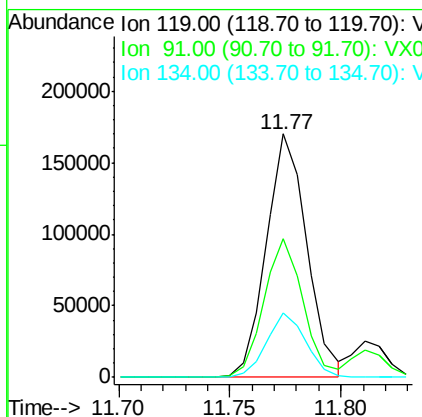
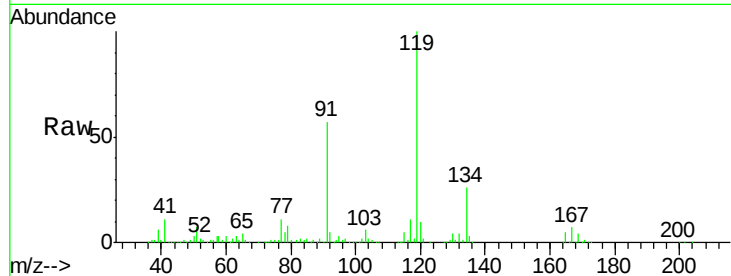
#83
 tert-Butylbenzene
 Concen: 19.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.1	27.7	83.0
134	25.5	12.7	38.1

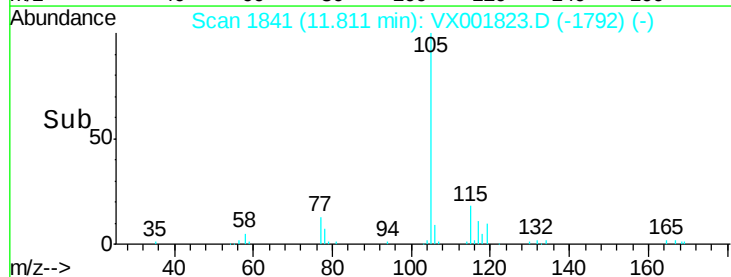
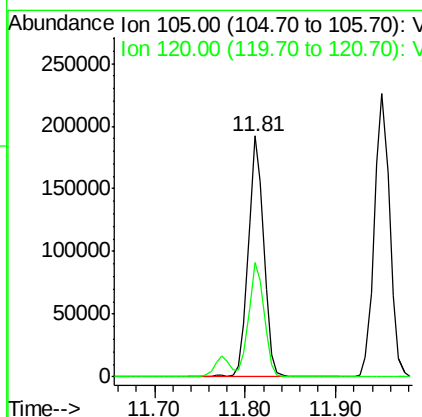
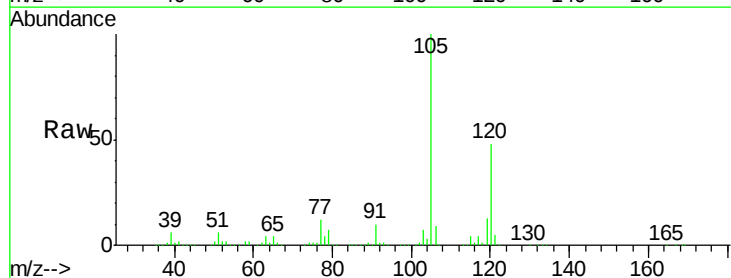
Manual Integrations
 APPROVED

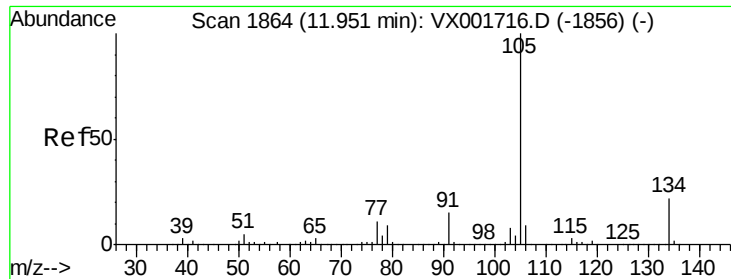
MMDadoda
 5/21/2018 2:40:36 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.5	70.5





#85

sec-Butylbenzene

Concen: 19.08 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

VX0518WBS01

Tot Ion:105 Resp: 265949

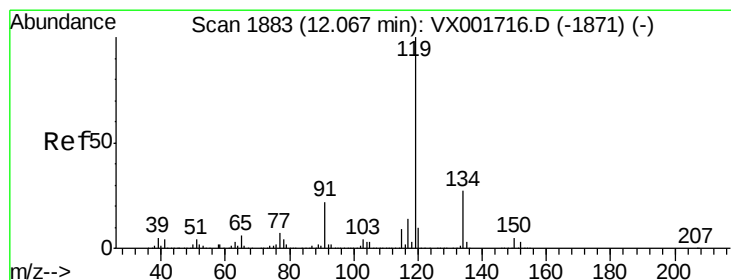
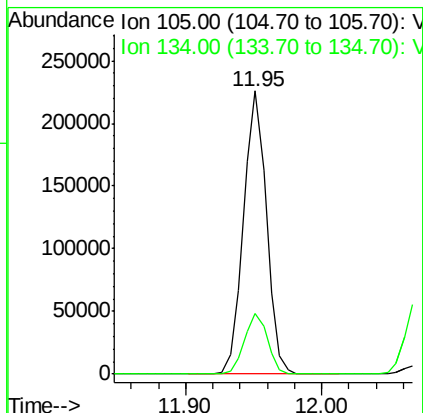
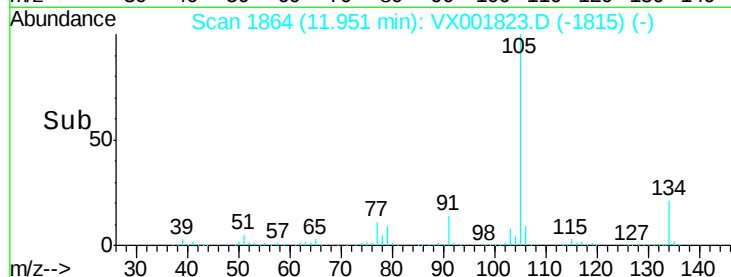
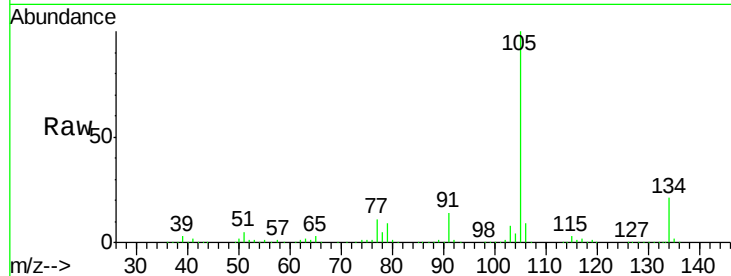
Ion Ratio Lower Upper

105 100

134 21.6 10.9 32.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.98 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

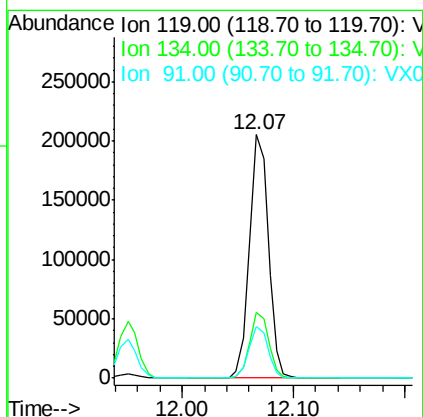
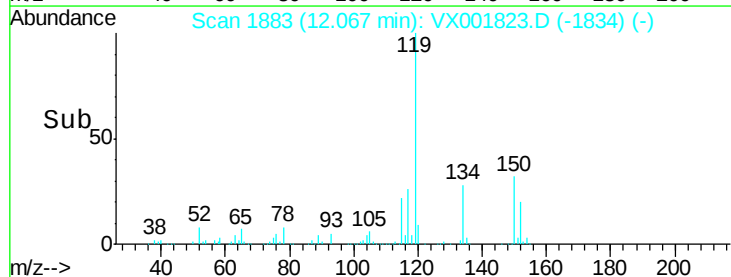
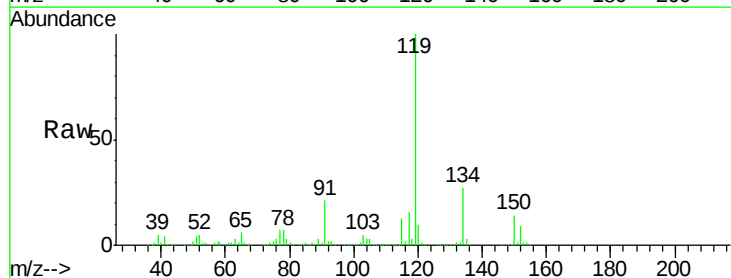
Tgt Ion:119 Resp: 244692

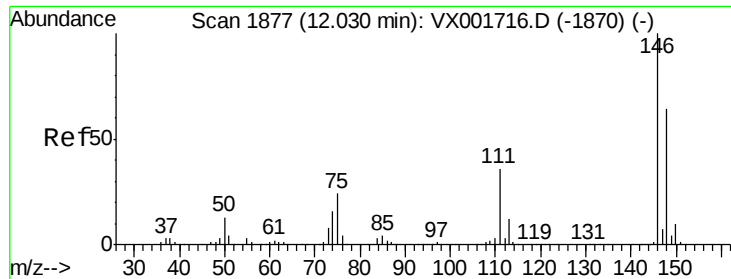
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 21.4 10.7 32.1





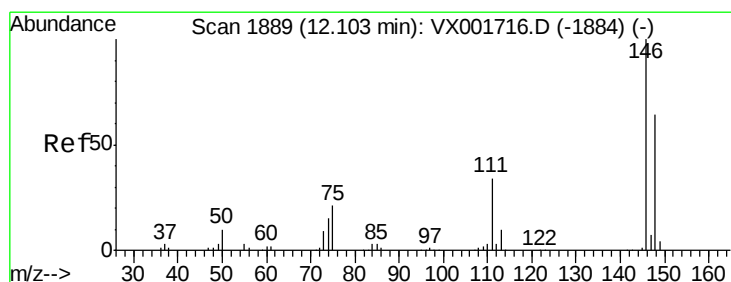
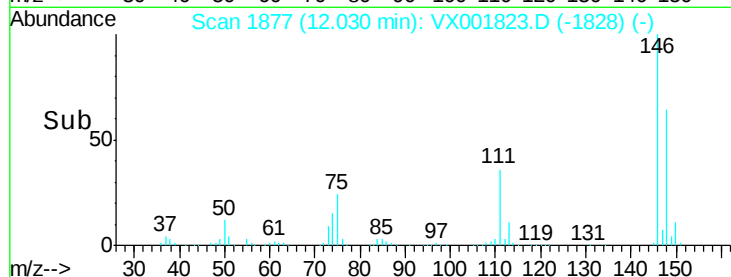
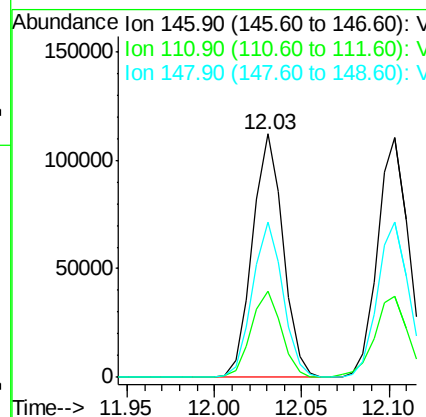
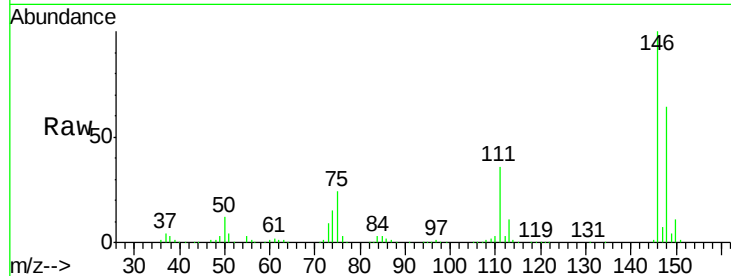
#87
 1,3-Dichlorobenzene
 Concen: 18.16 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.8	53.4
148	63.3	32.1	96.3

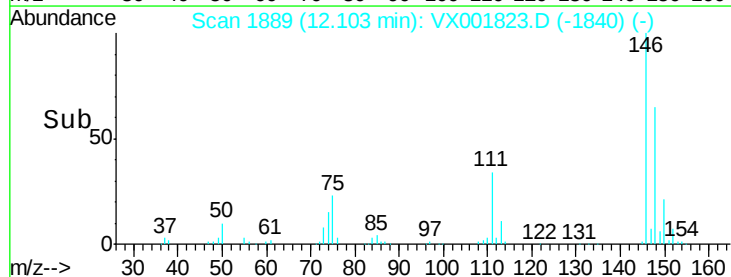
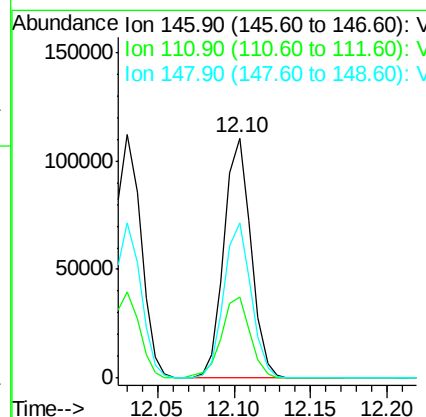
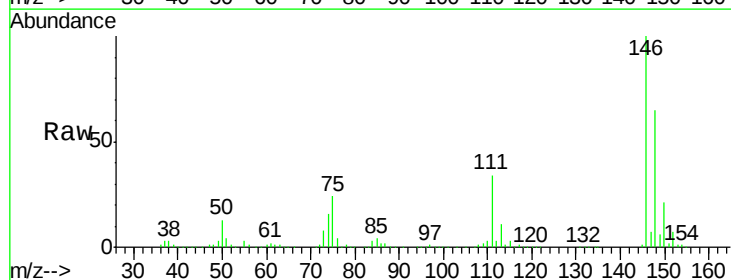
Manual Integrations
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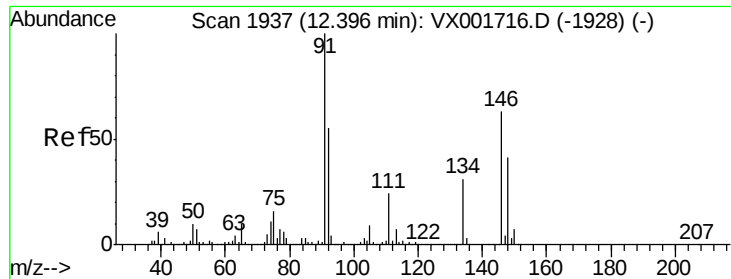
MMDadoda
 5/21/2018 2:40:36 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.3	52.0
148	65.1	32.3	96.9





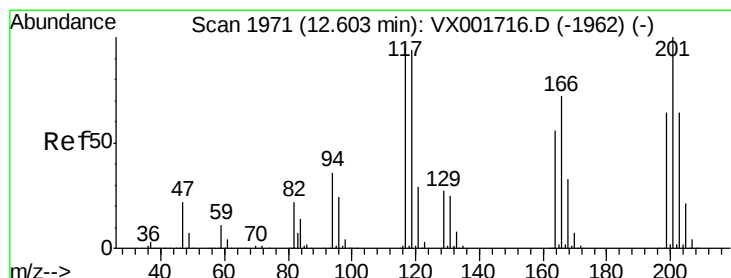
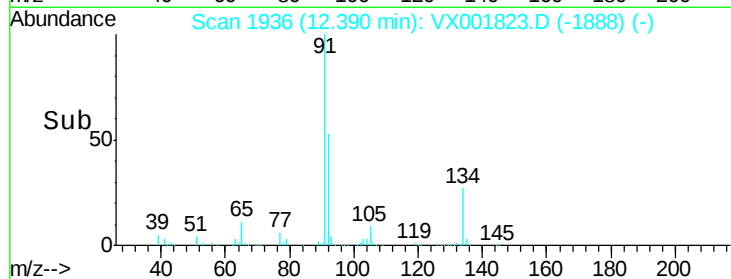
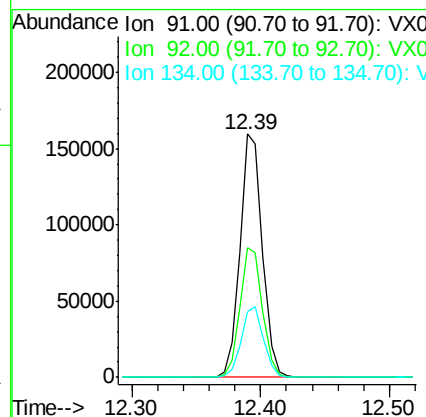
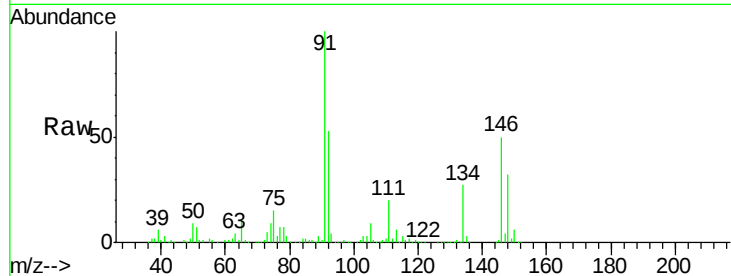
#89
n-Butylbenzene
Concen: 17.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192516		
92	53.5		27.3	81.9
134	28.9		14.7	44.1

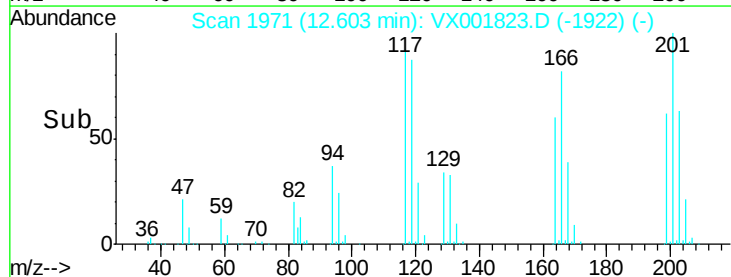
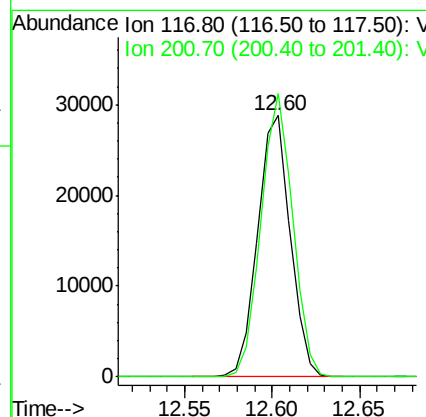
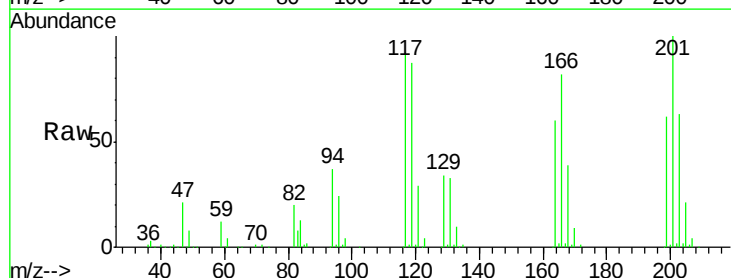
Manual Integrations
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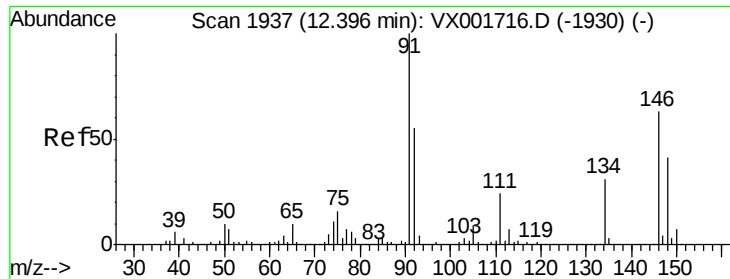
MMDadoda
5/21/2018 2:40:36 PM



#90
Hexachloroethane
Concen: 18.64 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001823.D
Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37327		
201	105.2		51.9	155.7





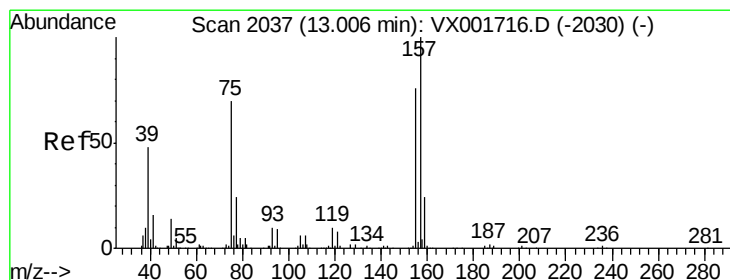
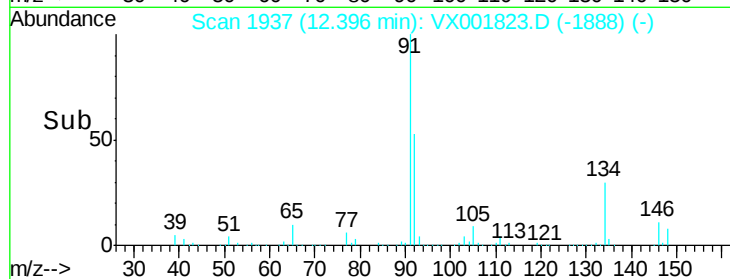
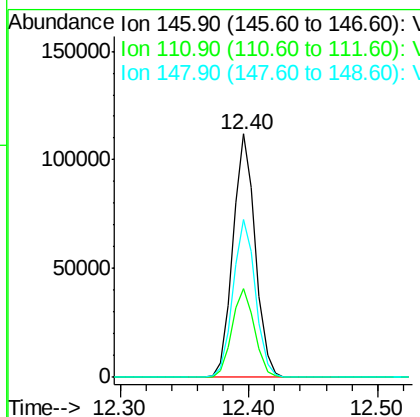
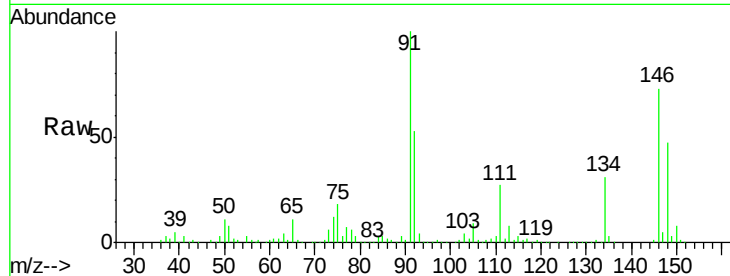
#91
 1,2-Dichlorobenzene
 Concen: 18.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	65.0	32.4	97.0

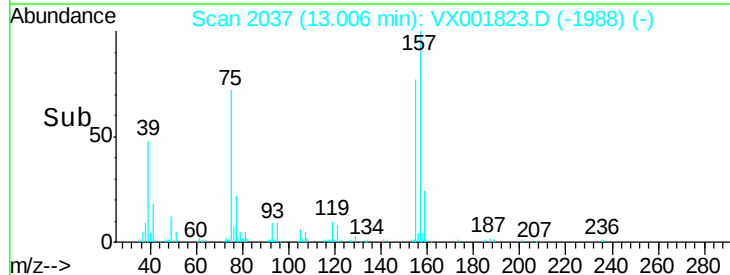
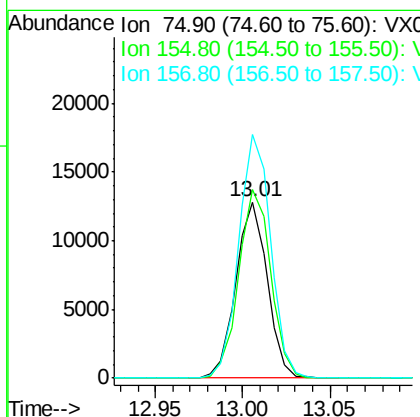
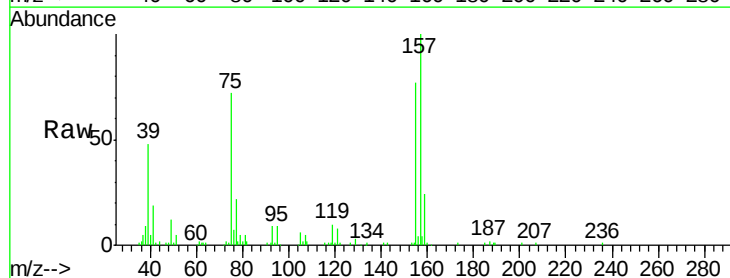
Manual Integrations
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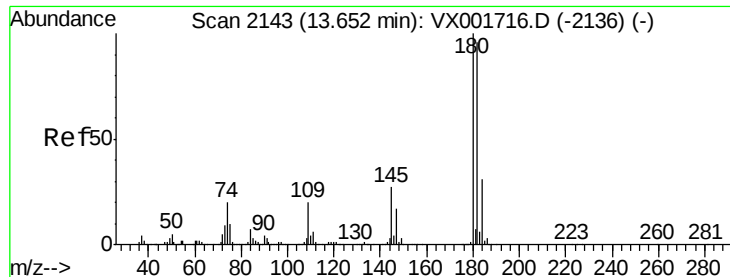
MMDadoda
 5/21/2018 2:40:36 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.07 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001823.D
 Acq: 18 May 2018 14:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.3	53.9	161.8
157	140.5	71.0	213.2





#93

1,2,4-Trichlorobenzene

Concen: 17.15 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

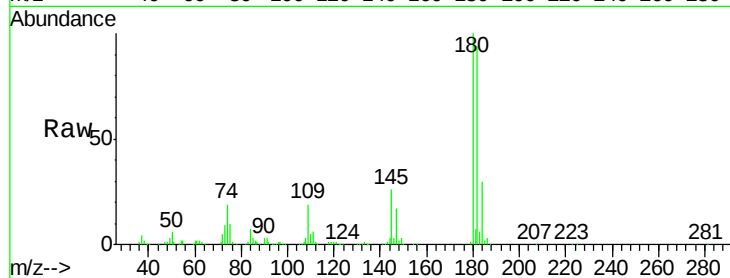
ClientSampleId :

VX0518WBS01

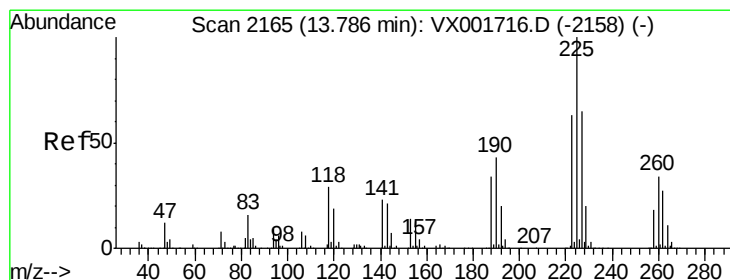
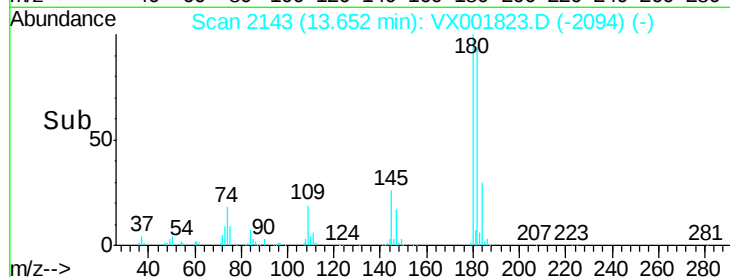
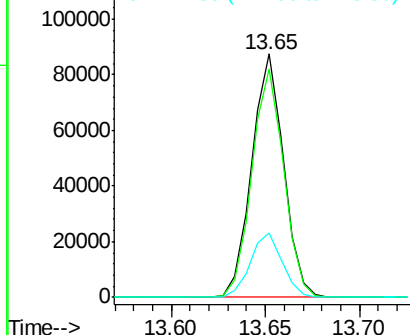
Tot Ion:	180	Resp:	102356
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.6	142.9
145	26.4	13.4	40.1

Manual Integrations
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5/21/2018 2:40:36 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.86 ug/l

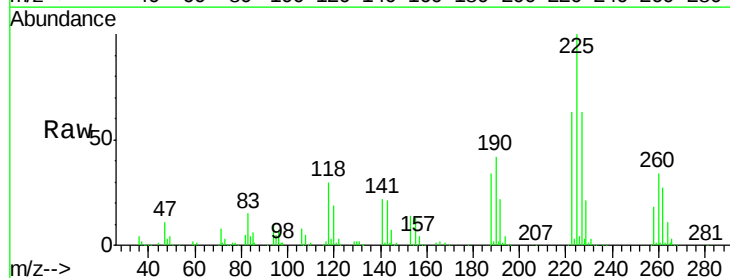
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

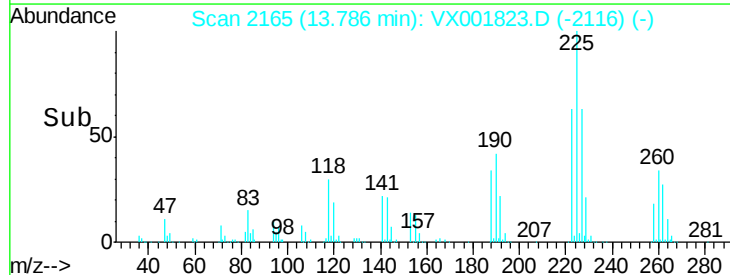
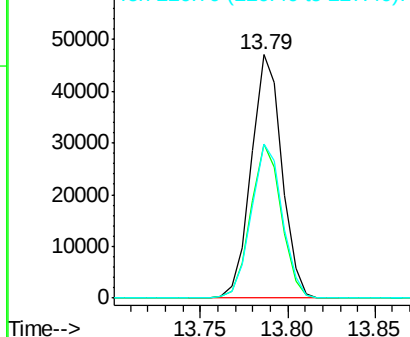
Lab File: VX001823.D

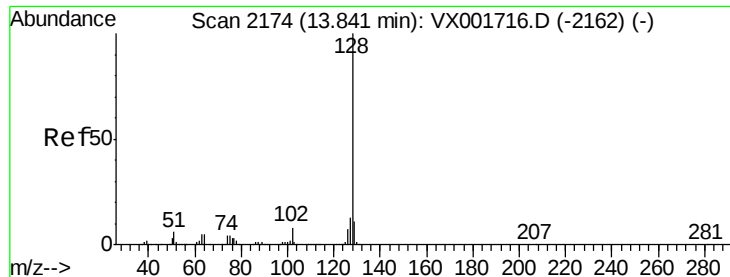
Acq: 18 May 2018 14:00

Tgt Ion:	225	Resp:	57223
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.1	93.5
227	64.1	31.9	95.5



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





#95

Naphthalene

Concen: 17.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Instrument :

MSVOA_X

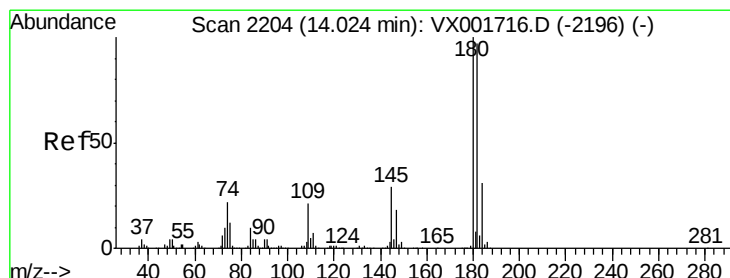
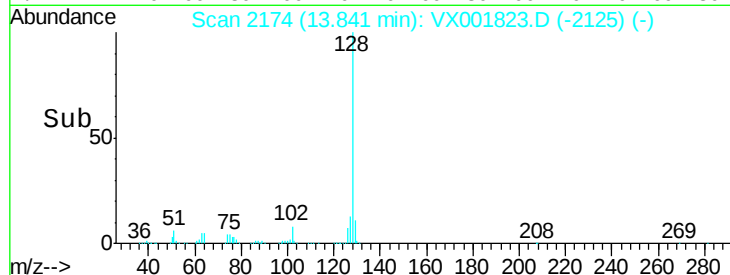
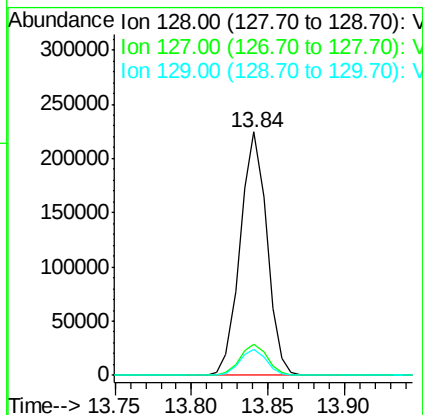
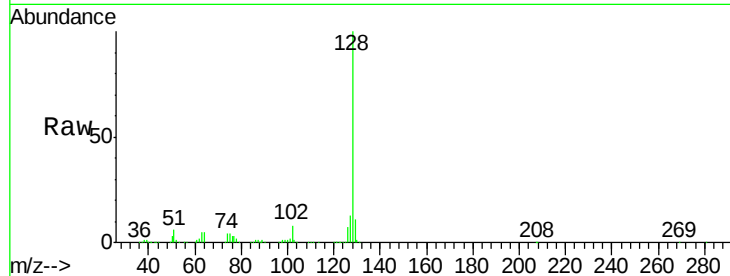
ClientSampleId :

VX0518WBS01

Tot Ion:	128	Resp:	271779
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.7	8.9	13.3

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5/21/2018 2:40:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.51 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001823.D

Acq: 18 May 2018 14:00

Tgt Ion:	180	Resp:	105234
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.7
145	27.8	14.2	42.8

