

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001899.D
 Acq On : 22 May 2018 17:50
 Operator : JC/MD
 Sample : J2988-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:45 AM

Quant Time: May 23 08:25:34 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	249094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170733	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	144117	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	8.72	98	516851	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	172878	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	110579	44.24	ug/l	100
3) Chloromethane	1.32	50	131094	48.55	ug/l	100
4) Vinyl Chloride	1.40	62	136004	46.59	ug/l	99
5) Bromomethane	1.64	94	58341	47.31	ug/l	94
6) Chloroethane	1.72	64	94761	51.53	ug/l	99
7) Trichlorofluoromethane	1.92	101	207055	48.81	ug/l	100
8) Diethyl Ether	2.19	74	88250	50.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123738	48.45	ug/l	99
10) Methyl Iodide	2.51	142	167190	71.16	ug/l	98
11) Tert butyl alcohol	3.09	59	189604	319.86	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113910	46.27	ug/l	98
13) Acrolein	2.30	56	70273	167.15	ug/l	99
14) Allyl chloride	2.73	41	241866	53.15	ug/l	98
15) Acrylonitrile	3.15	53	427021	286.81	ug/l	99
16) Acetone	2.45	43	379650	289.50	ug/l	98
17) Carbon Disulfide	2.57	76	250604	39.02	ug/l	98
18) Methyl Acetate	2.78	43	239470	62.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	436927	52.65	ug/l	100
20) Methylene Chloride	2.86	84	138510	49.34	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	125126	46.13	ug/l	98
22) Diisopropyl ether	3.88	45	464209	53.17	ug/l	99
23) Vinyl Acetate	3.83	43	1552860	246.88	ug/l	98
24) 1,1-Dichloroethane	3.70	63	248591	51.92	ug/l	100
25) 2-Butanone	4.72	43	637497	317.52	ug/l	100
26) 2,2-Dichloropropane	4.59	77	190781	49.50	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	162764	52.74	ug/l	97
28) Bromochloromethane	5.03	49	136561	64.21	ug/l	96
29) Tetrahydrofuran	5.18	42	411042	314.08	ug/l	98
30) Chloroform	5.22	83	271475	53.98	ug/l	100
31) Cyclohexane	5.57	56	205446	48.95	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	232561	53.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	184554	49.30	ug/l	99
37) Ethyl Acetate	4.87	43	231591	59.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	209862	53.51	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	214175	48.96	ug/l	97
40) Benzene	6.15	78	582939	52.85	ug/l	100
41) Methacrylonitrile	5.07	41	136724	60.60	ug/l	97
42) 1,2-Dichloroethane	6.21	62	218391	54.75	ug/l	99
43) Isopropyl Acetate	6.48	43	351619	57.58	ug/l	99
44) Trichloroethene	7.22	130	183996	53.74	ug/l	98
45) 1,2-Dichloropropane	7.52	63	148724	54.95	ug/l	96
46) Dibromomethane	7.67	93	102594	53.98	ug/l	99
47) Bromodichloromethane	7.91	83	202594	57.45	ug/l	97
48) Methyl methacrylate	7.79	41	193867	60.32	ug/l	98
49) 1,4-Dioxane	7.77	88	85914	1388.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1245188	321.78	ug/l	98
52) Toluene	8.79	92	378571	53.41	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	223658	53.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	188262	51.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147205	54.33	ug/l	98
56) Ethyl methacrylate	9.19	69	213670	55.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	238848	52.66	ug/l	100
59) 2-Hexanone	9.51	43	877154	316.65	ug/l	99
60) Dibromochloromethane	9.59	129	158197	57.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151370	53.37	ug/l	99
64) Tetrachloroethene	9.34	164	236440	64.80	ug/l	99
65) Chlorobenzene	10.15	112	395087	51.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154335	56.67	ug/l	98
67) Ethyl Benzene	10.26	91	648252	52.61	ug/l	99
68) m/p-Xylenes	10.37	106	519947	106.95	ug/l	100
69) o-Xylene	10.71	106	253603	54.47	ug/l	100
70) Styrene	10.72	104	407581	53.08	ug/l	100
71) Bromoform	10.87	173	131691	51.85	ug/l	100
73) Isopropylbenzene	11.02	105	680603	56.13	ug/l	100
74) N-amyl acetate	6.48	43	351619	60.49	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	212541	58.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	209357m	59.80	ug/l	
77) Bromobenzene	11.26	156	194488	54.59	ug/l	99
78) n-propylbenzene	11.37	91	744922	54.53	ug/l	99
79) 2-Chlorotoluene	11.43	91	450069	55.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	560777	56.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59312	50.45	ug/l	98
82) 4-Chlorotoluene	11.52	91	516595	53.68	ug/l	99
83) tert-Butylbenzene	11.77	119	575406	58.13	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	583624	56.66	ug/l	100
85) sec-Butylbenzene	11.95	105	678879	55.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	620153	54.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	343811	52.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	344097	50.51	ug/l	100
89) n-Butylbenzene	12.40	91	491748	50.29	ug/l	100
90) Hexachloroethane	12.60	117	102102	58.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355521	54.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49719	64.05	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	259081	49.51	ug/l	99

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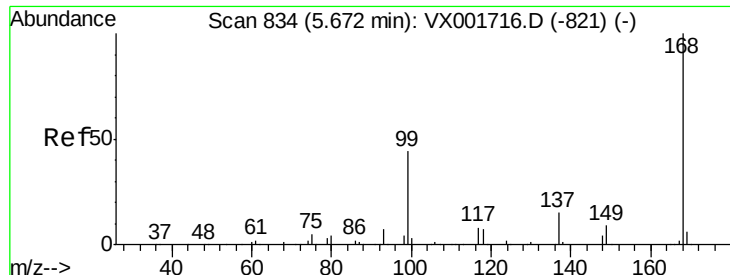
Manual Integrations
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5/24/2018 11:47:45 AM

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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)
94) Hexachlorobutadiene	13.79	225	139629	49.70	ug/l	99
95) Naphthalene	13.84	128	783933	57.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	276412	52.46	ug/l	100

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



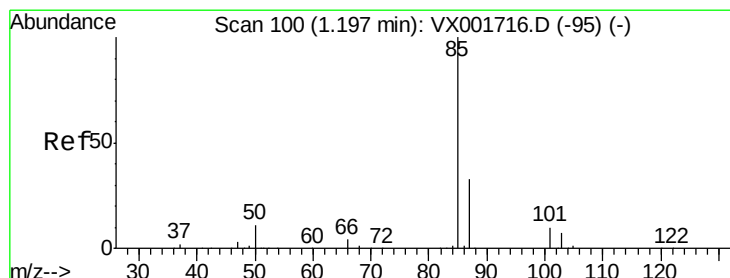
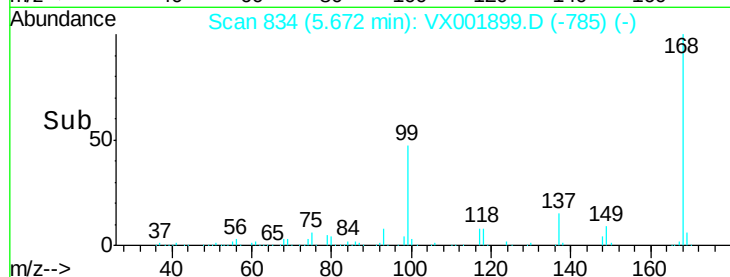
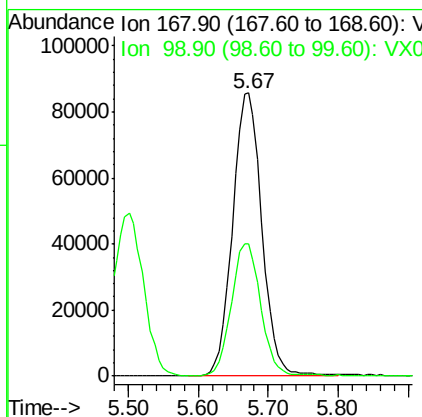
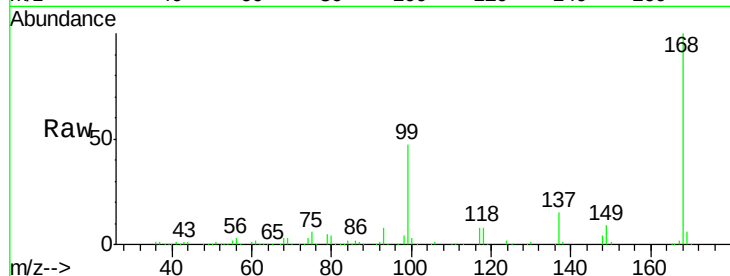
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	46.6	35.0	52.4	

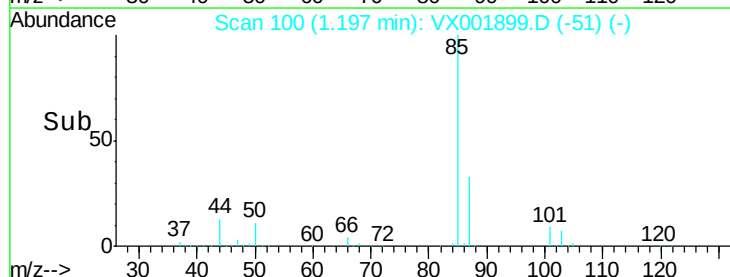
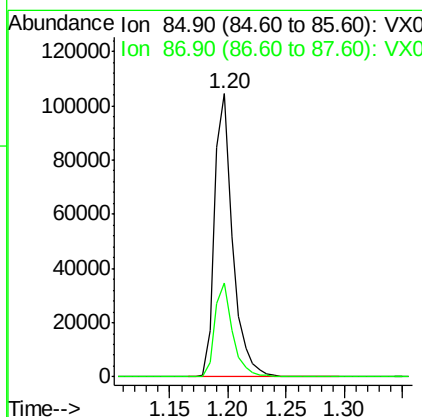
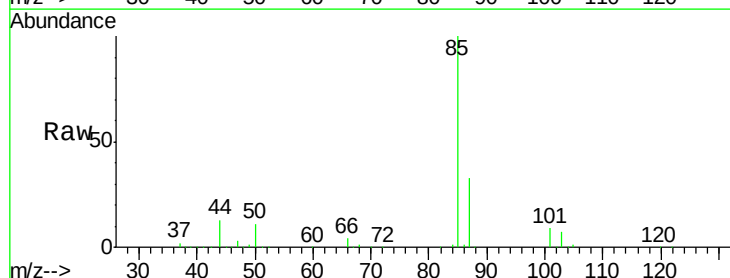
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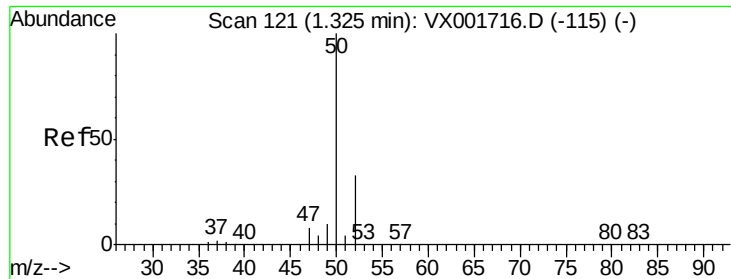
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#2
Dichlorodifluoromethane
Concen: 44.24 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	33.1	16.4	49.2	





#3

Chloromethane

Concen: 48.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion: 50 Resp: 131094

Ion Ratio Lower Upper

50 100

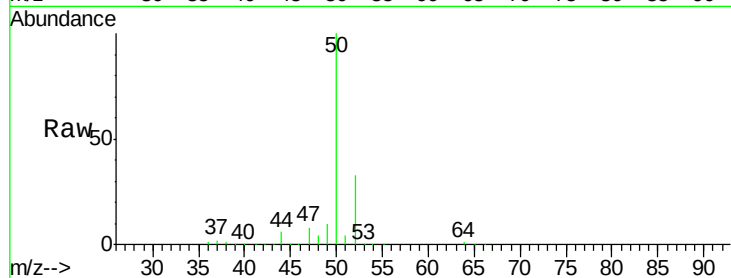
52 33.0 26.3 39.5

Manual Integrations

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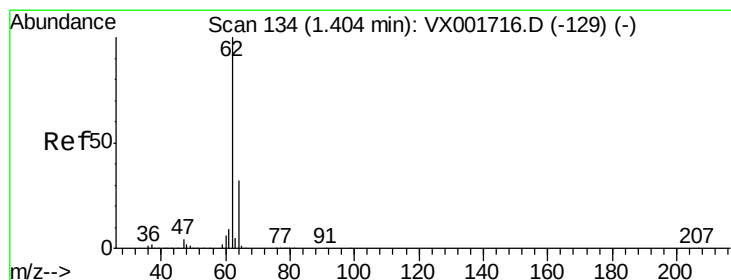
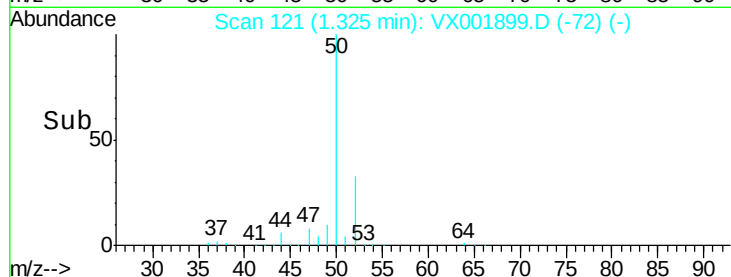
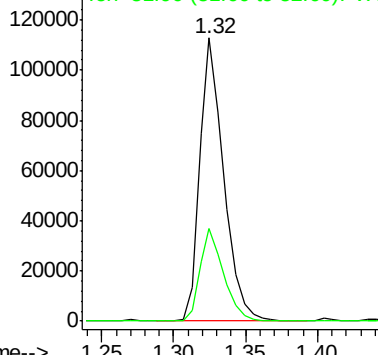
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.59 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001899.D

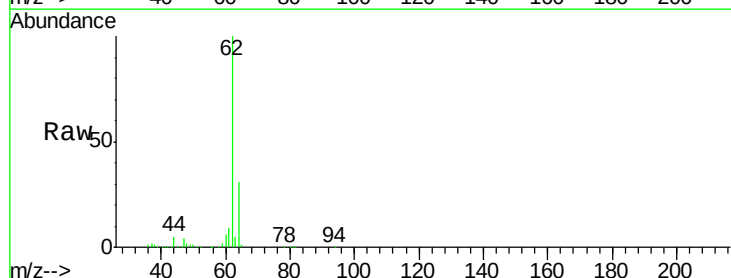
Acq: 22 May 2018 17:50

Tgt Ion: 62 Resp: 136004

Ion Ratio Lower Upper

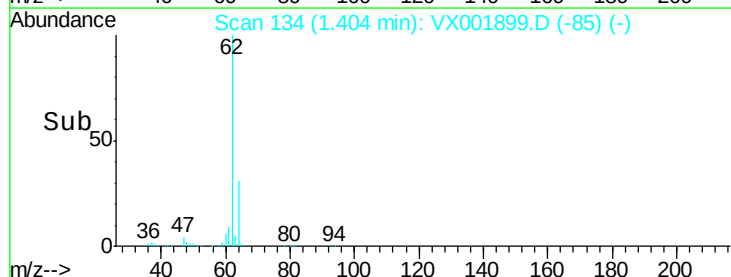
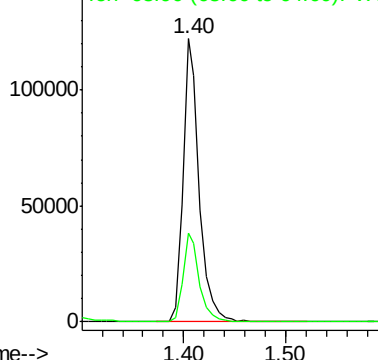
62 100

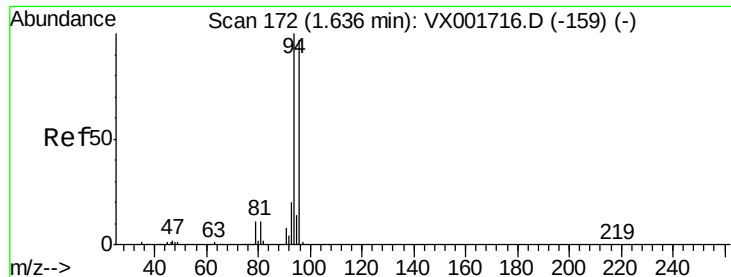
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

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ClientSampleId :

SS036MW004-180515MS

Tot Ion: 94 Resp: 58341

Ion Ratio Lower Upper

94 100

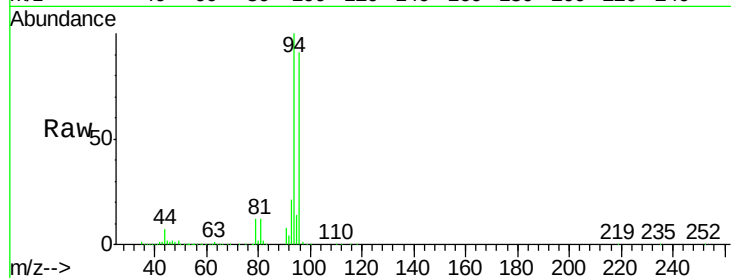
96 91.0 77.4 116.0

Manual Integrations

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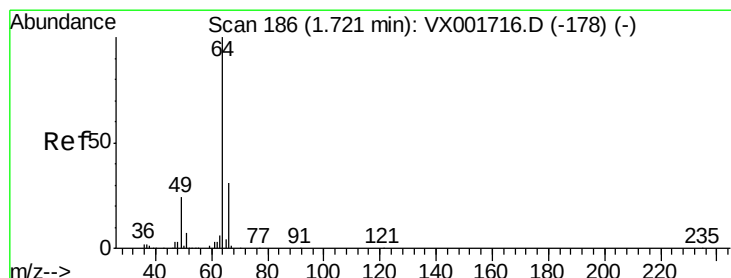
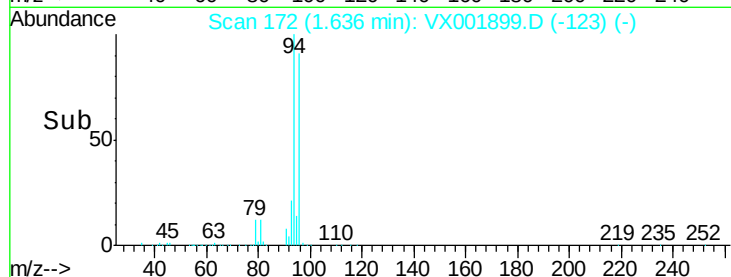
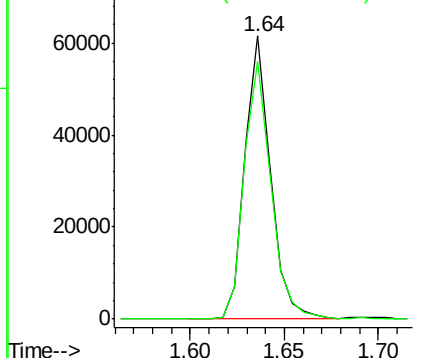
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.53 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001899.D

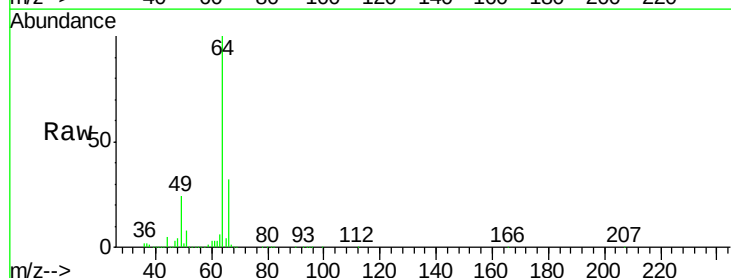
Acq: 22 May 2018 17:50

Tgt Ion: 64 Resp: 94761

Ion Ratio Lower Upper

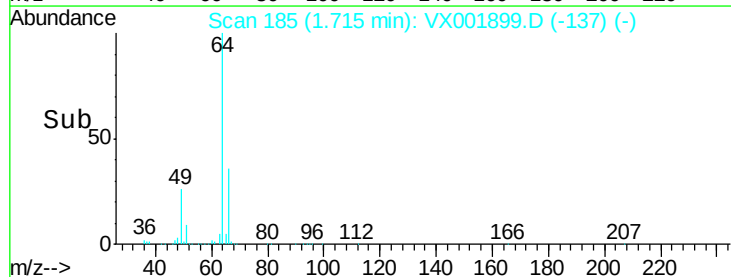
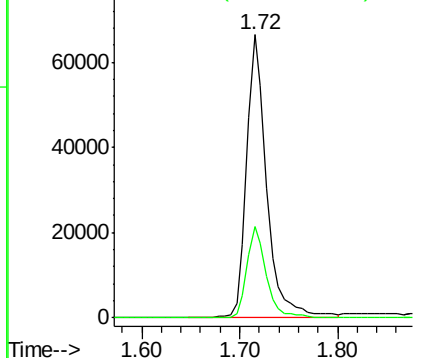
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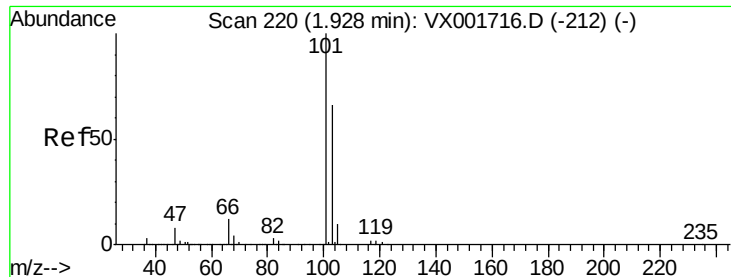
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

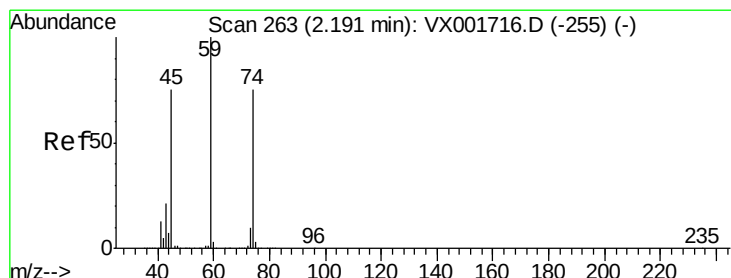
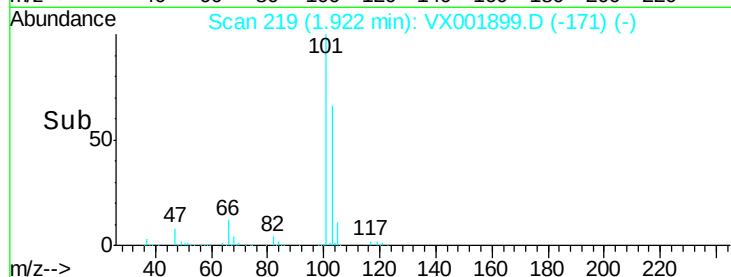
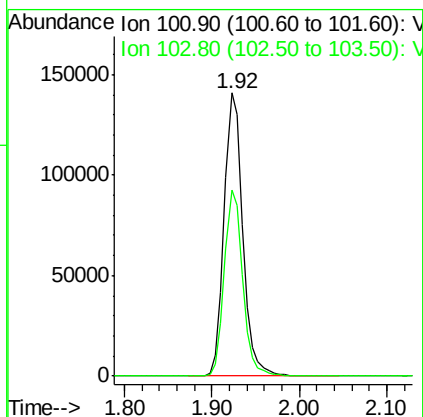
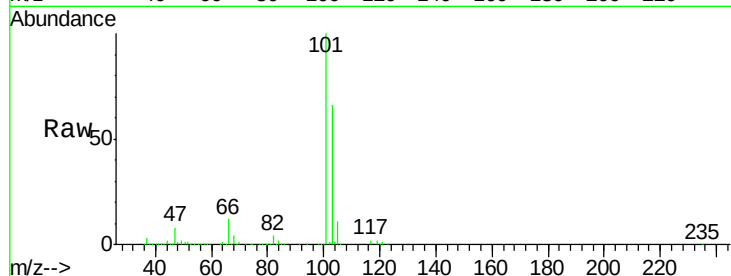
Trichlorofluoromethane
 Concen: 48.81 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	207055		
103	65.8	52.6	78.8	

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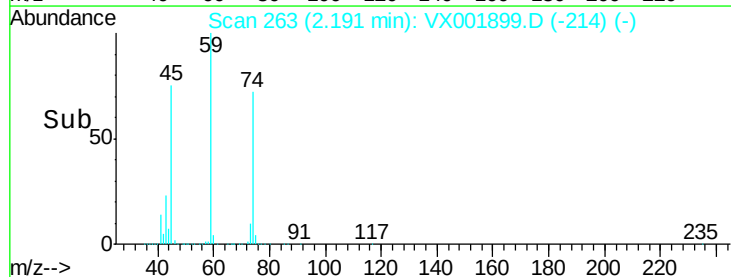
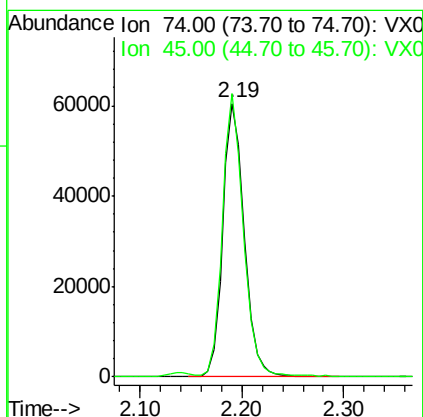
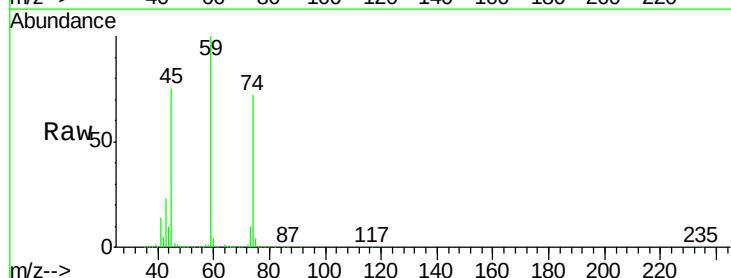
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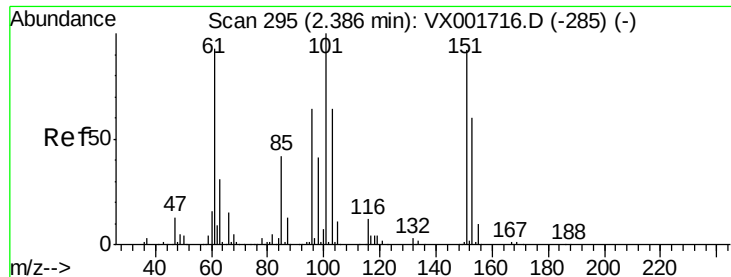


#8

Diethyl Ether
 Concen: 50.54 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	88250		
45	100.7	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

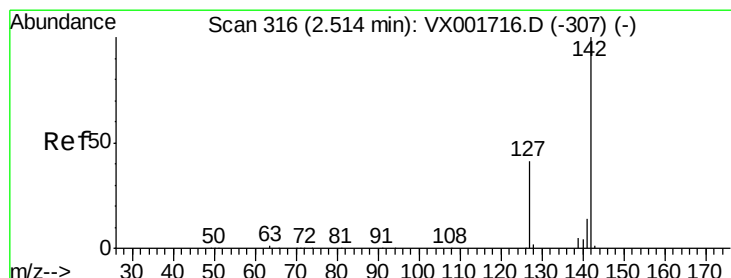
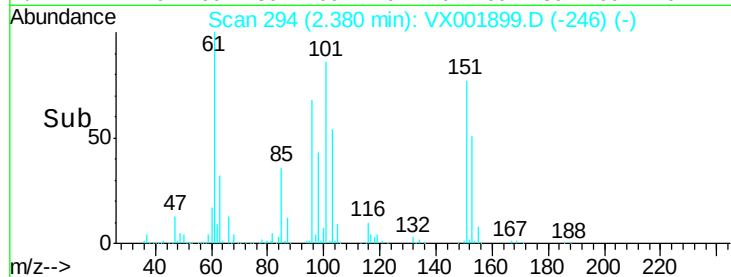
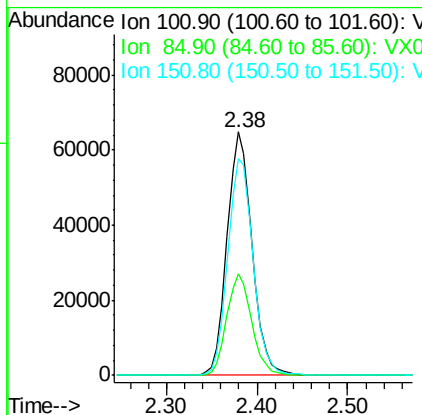
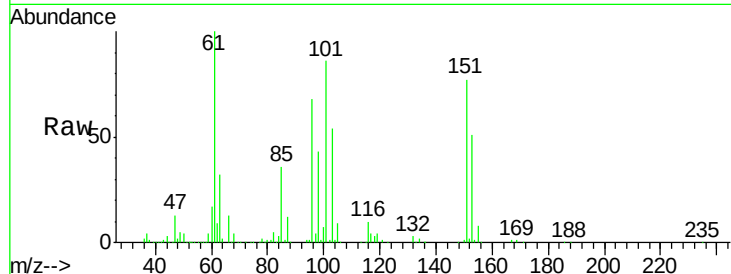
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	101	Resp:	123738
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	90.8	73.0	109.6

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#10

Methyl Iodide

Concen: 71.16 ug/l

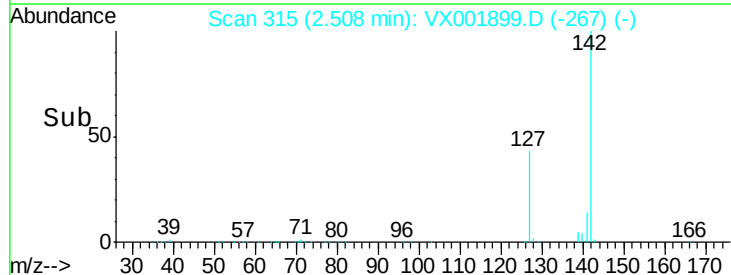
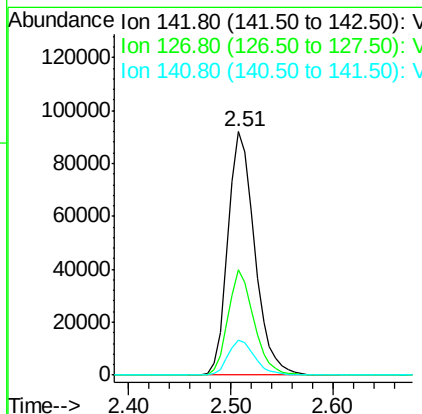
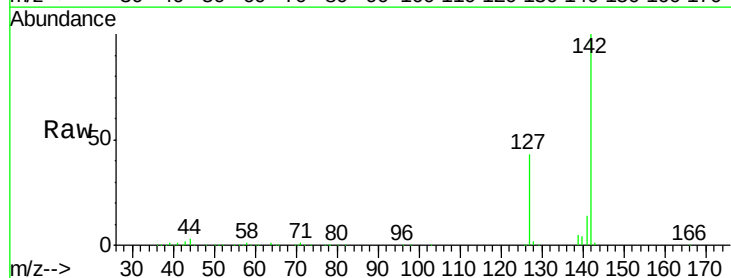
RT: 2.51 min Scan# 315

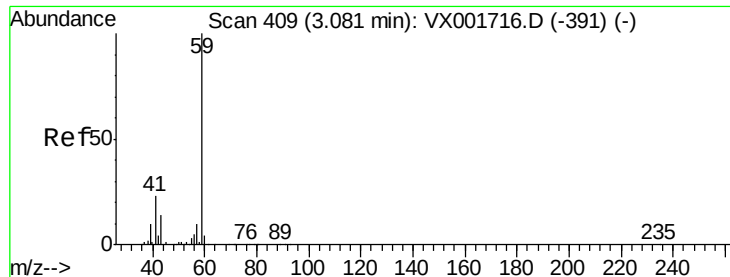
Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	142	Resp:	167190
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.5	48.7
141	14.3	11.4	17.0





#11

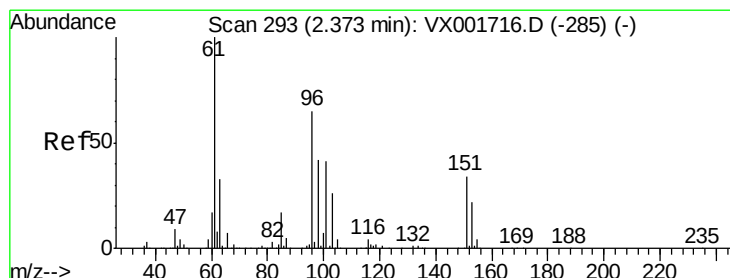
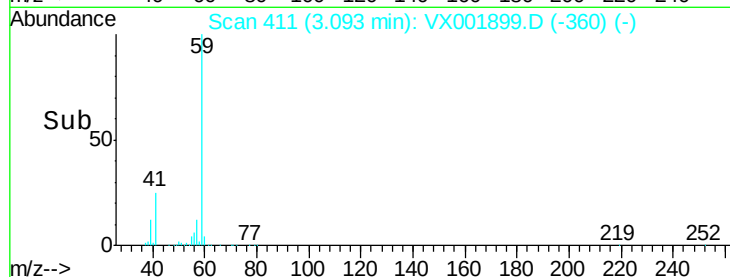
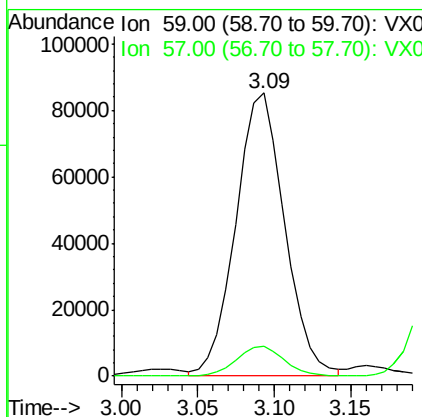
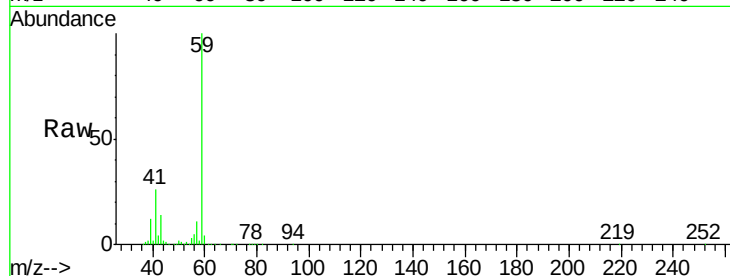
Tert butyl alcohol
Concen: 319.86 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	59	Resp	189604
Ion Ratio	100	Lower	Upper
57	10.4	8.5	12.7

Manual Integrations
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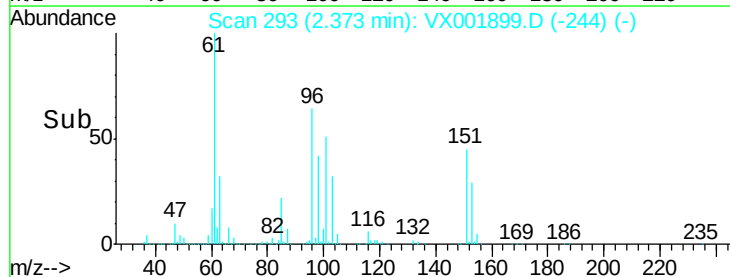
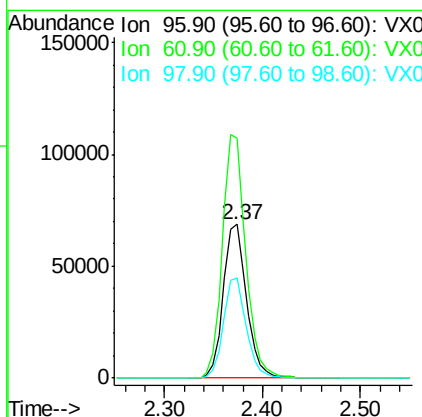
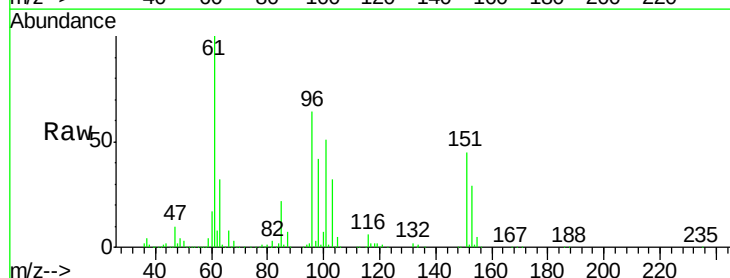
MMDadoda
5/24/2018 11:47:45 AM

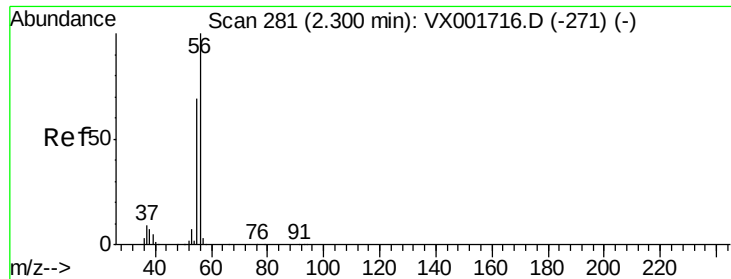


#12

1,1-Dichloroethene
Concen: 46.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	96	Resp	113910
Ion Ratio	100	Lower	Upper
61	156.4	122.2	183.2
98	65.4	51.4	77.0





#13

Acrolein

Concen: 167.15 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion: 56 Resp: 70273

Ion Ratio Lower Upper

56 100

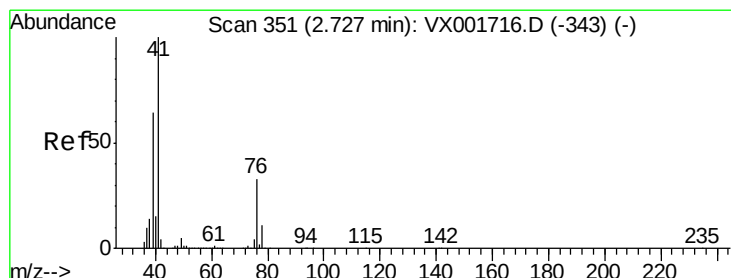
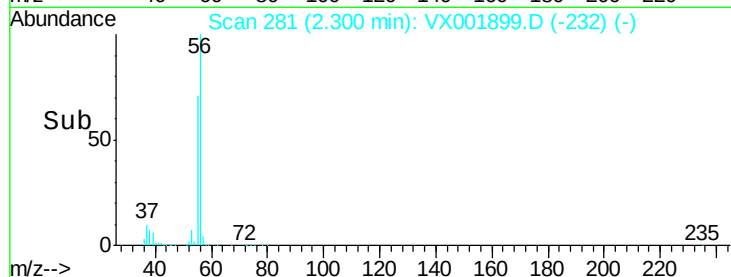
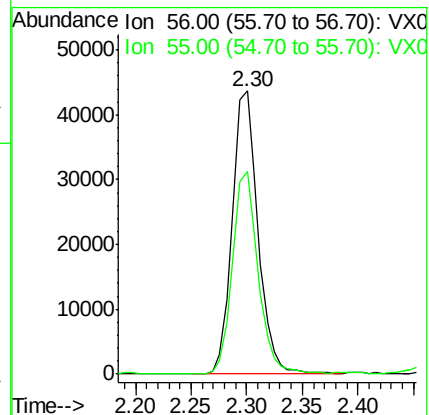
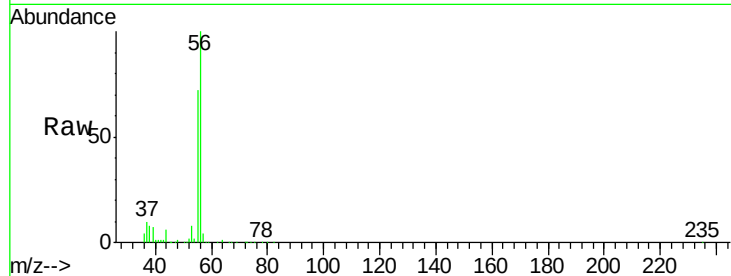
55 71.1 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 53.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

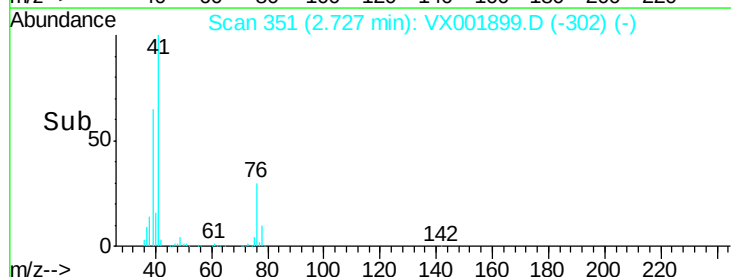
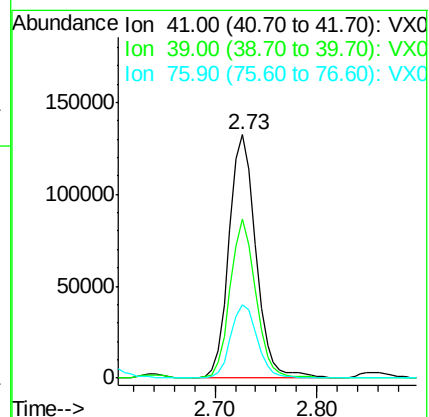
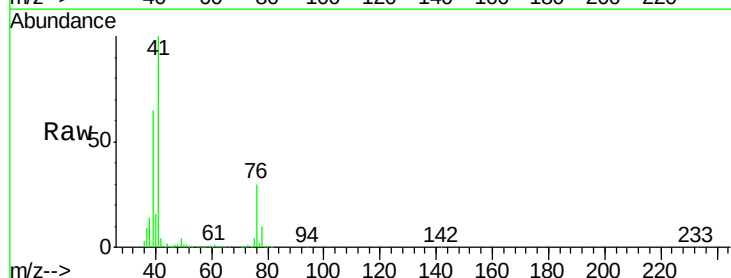
Tgt Ion: 41 Resp: 241866

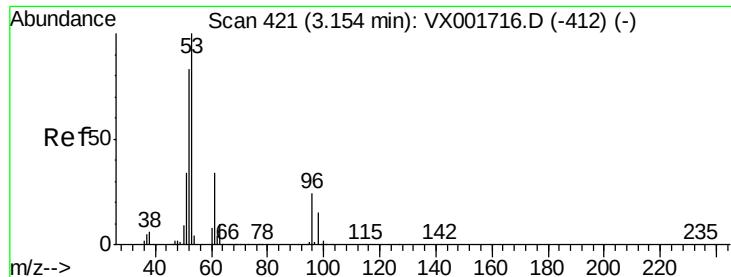
Ion Ratio Lower Upper

41 100

39 61.8 49.8 74.6

76 29.6 25.8 38.8





#15

Acrylonitrile

Concen: 286.81 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

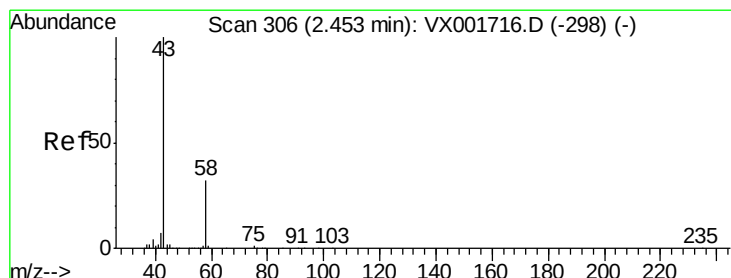
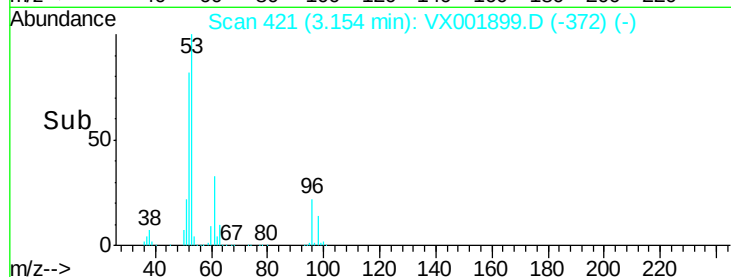
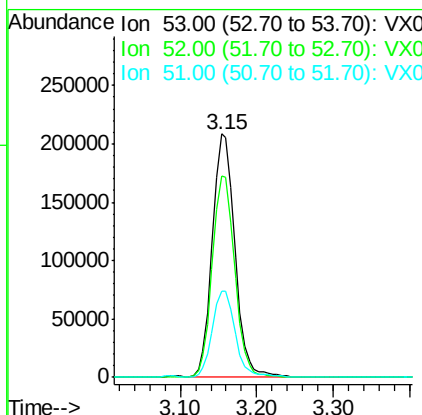
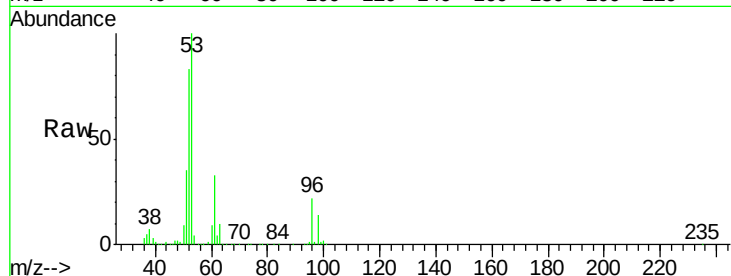
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	53	Resp:	427021
Ion Ratio		Lower	Upper
53	100		
52	82.4	65.6	98.4
51	36.2	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 289.50 ug/l

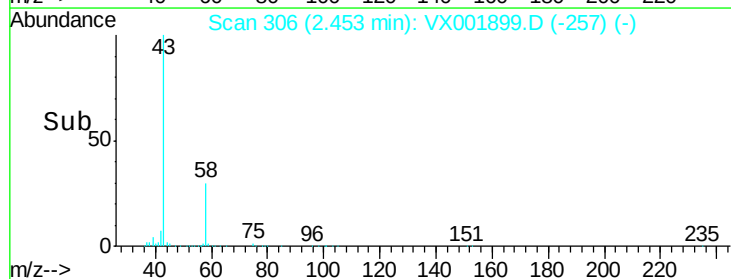
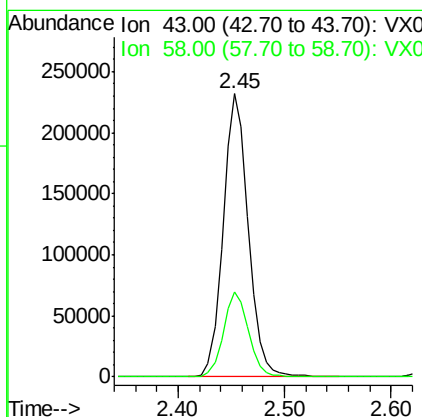
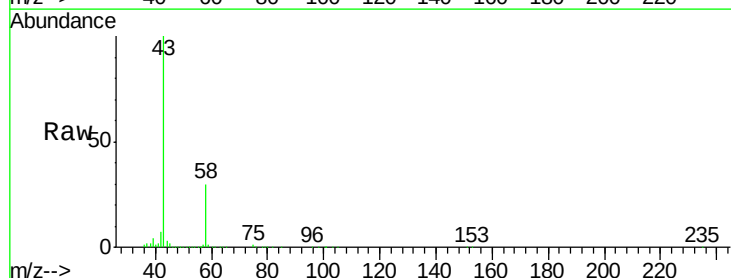
RT: 2.45 min Scan# 306

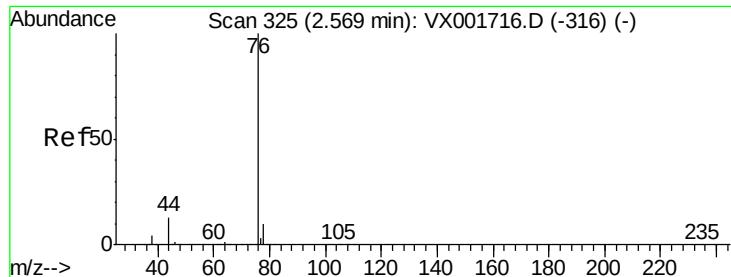
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	43	Resp:	379650
Ion Ratio		Lower	Upper
43	100		
58	30.2	25.3	37.9





#17

Carbon Disulfide

Concen: 39.02 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion: 76 Resp: 250604

Ion Ratio Lower Upper

76 100

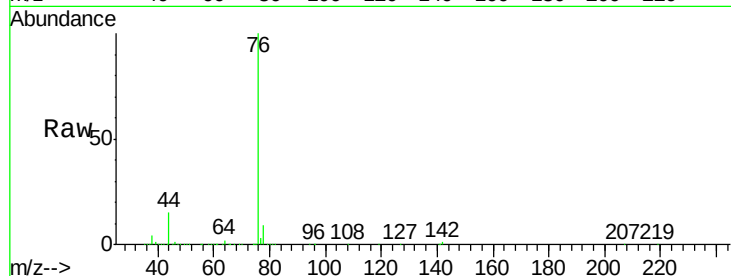
78 8.9 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

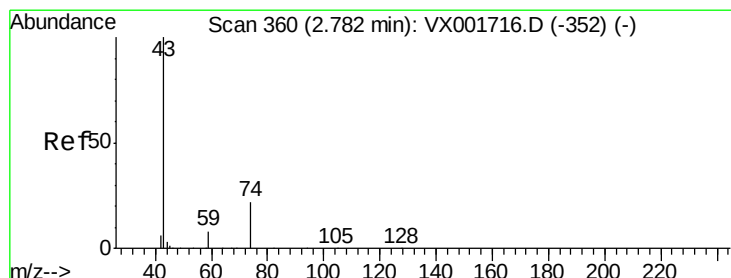
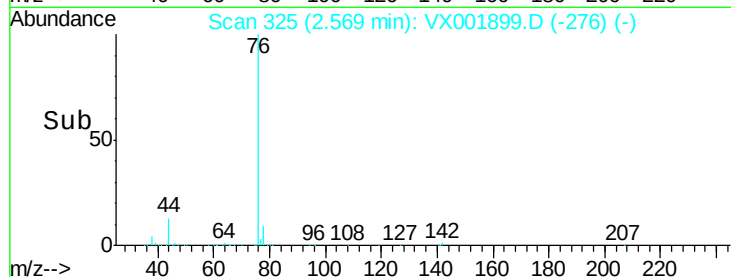
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 62.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001899.D

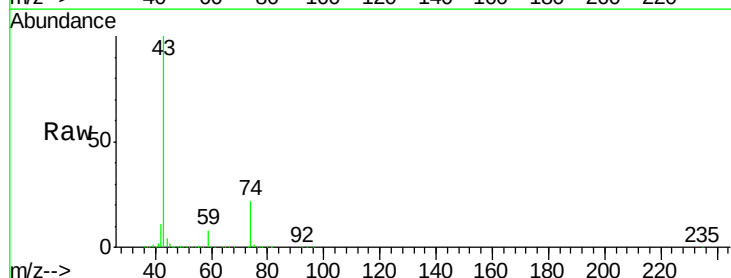
Acq: 22 May 2018 17:50

Tgt Ion: 43 Resp: 239470

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

150000

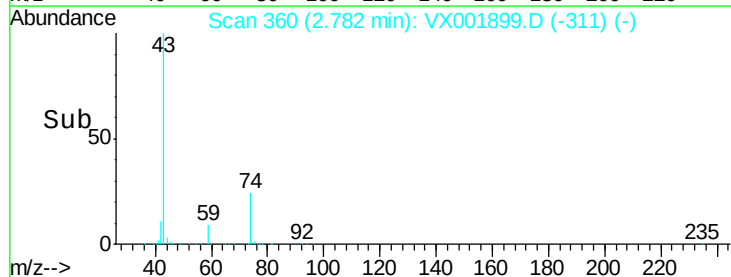
100000

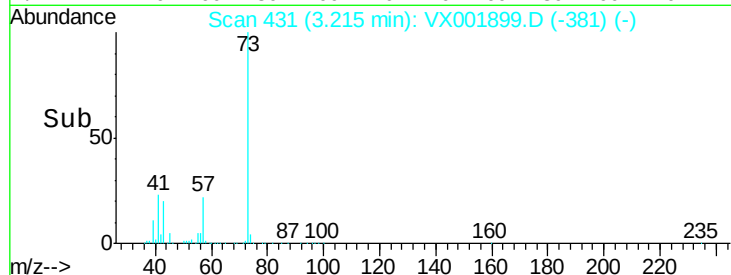
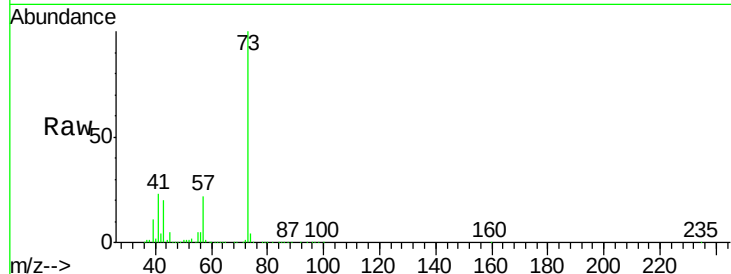
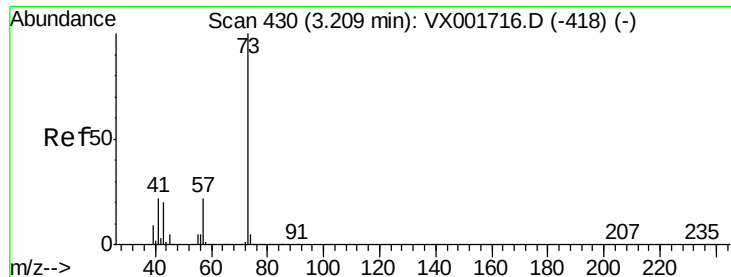
50000

0

2.70 2.75 2.80 2.85 2.90

Time-->





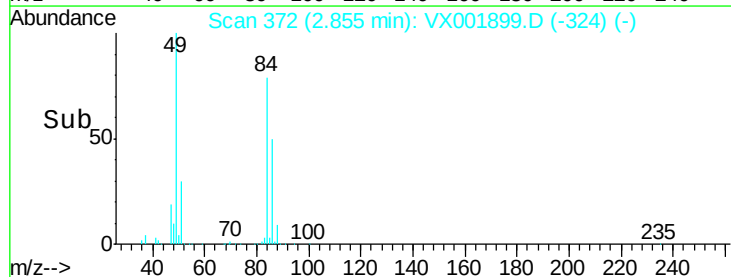
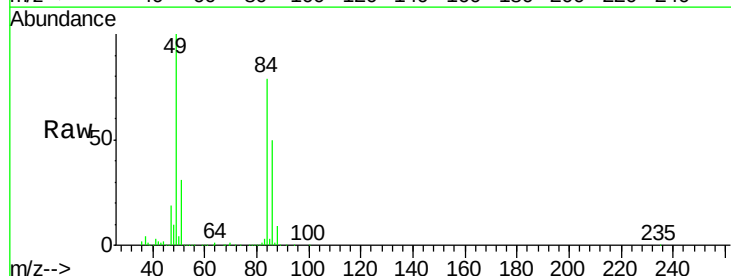
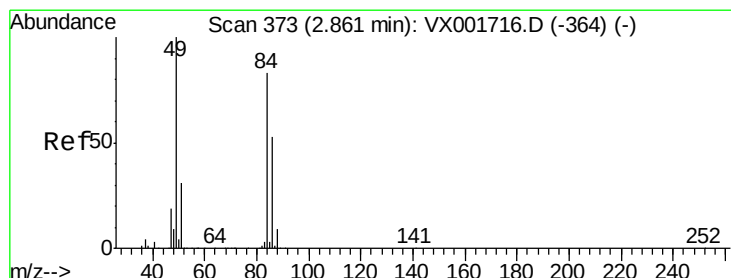
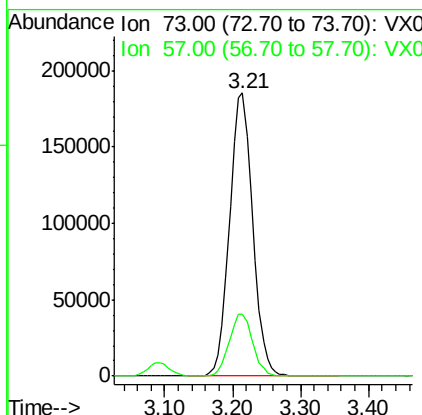
#19
Methyl tert-butyl Ether
Concen: 52.65 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

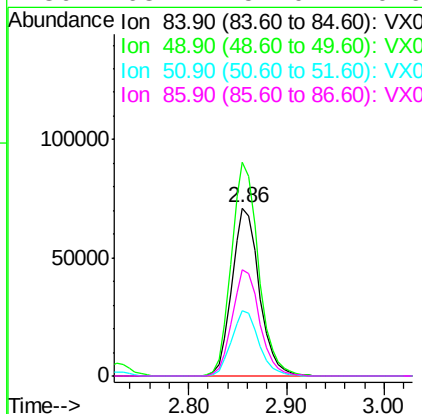
Manual Integrations
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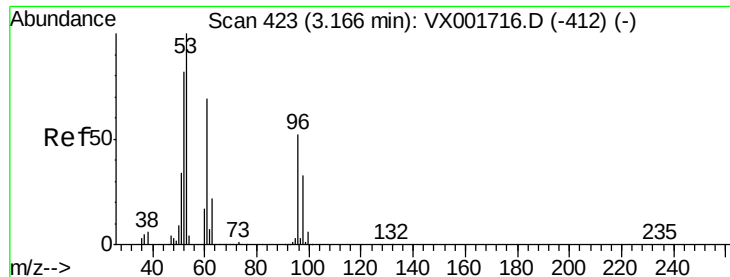
MMDadoda
5/24/2018 11:47:45 AM



#20
Methylene Chloride
Concen: 49.34 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.9	96.3	144.5
51	38.6	29.8	44.6
86	63.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 46.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

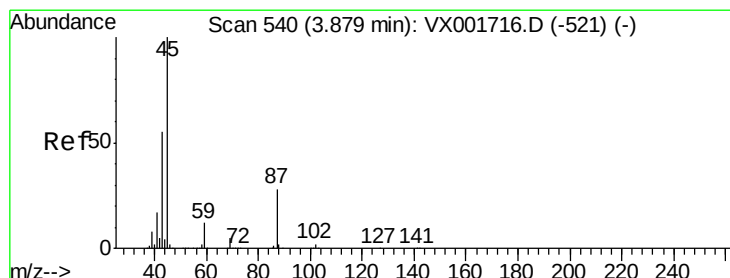
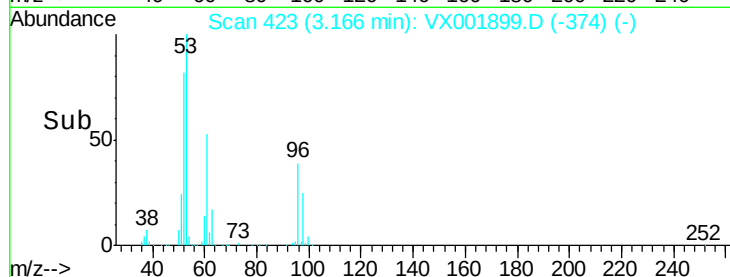
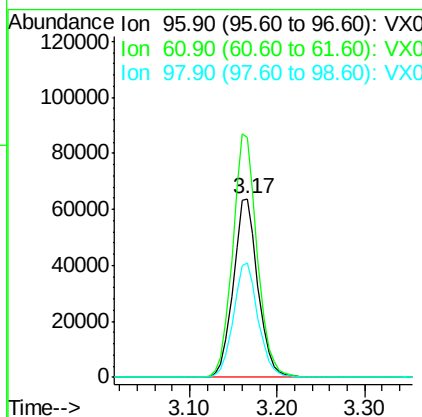
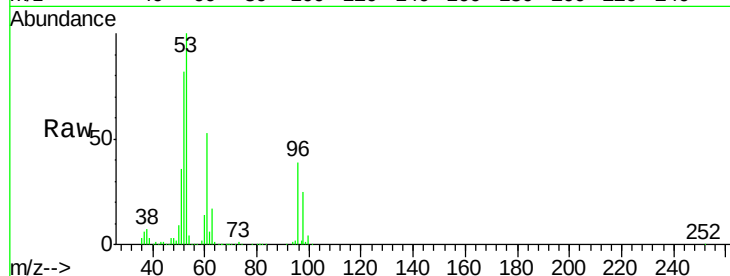
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	96	Resp:	125126
Ion	Ratio	Lower	Upper
96	100		
61	134.4	105.8	158.8
98	63.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 53.17 ug/l

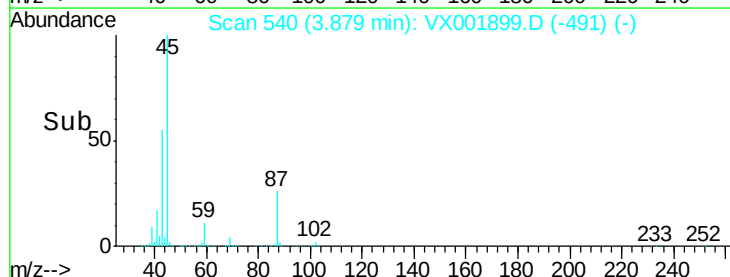
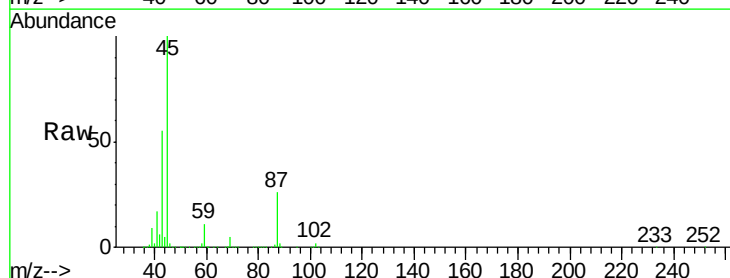
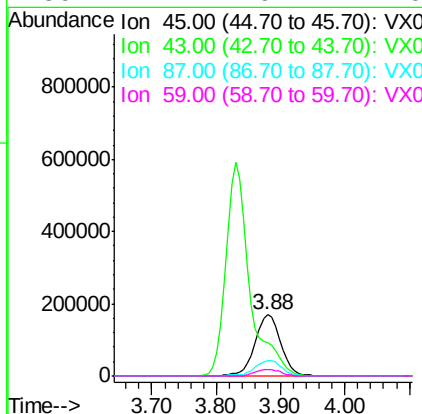
RT: 3.88 min Scan# 540

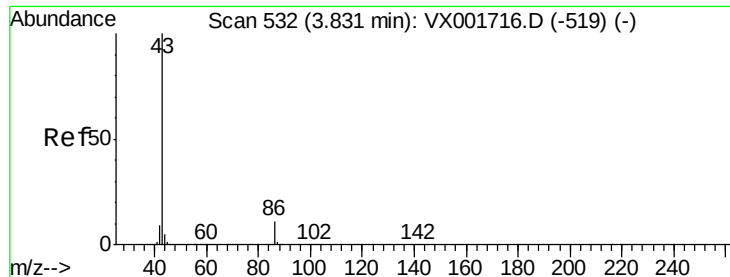
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	45	Resp:	464209
Ion	Ratio	Lower	Upper
45	100		
43	55.3	44.3	66.5
87	26.2	22.6	33.8
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 246.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tot Ion: 43 Resp: 1552860

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

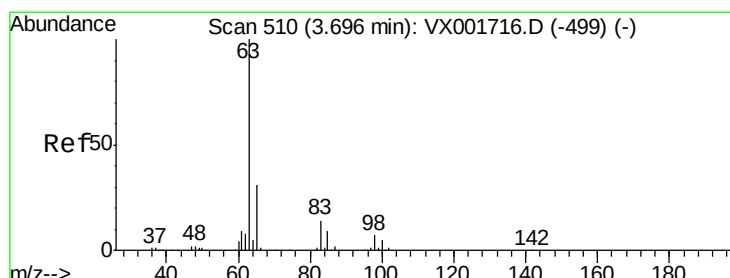
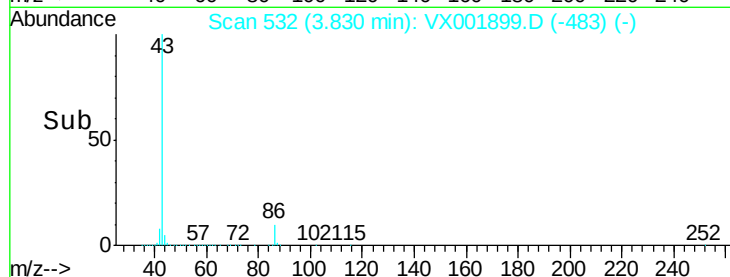
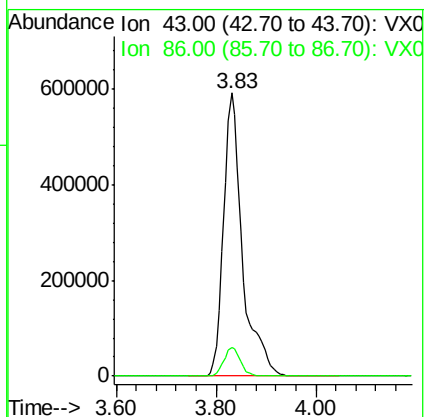
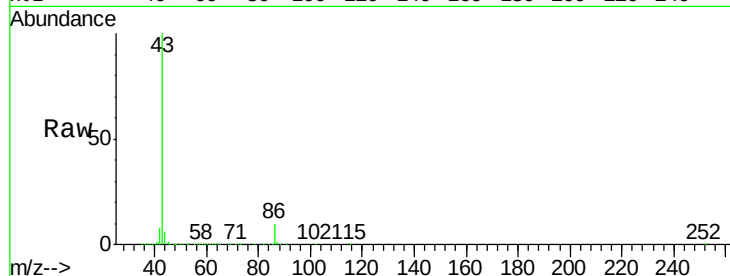
SS036MW004-180515MS

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

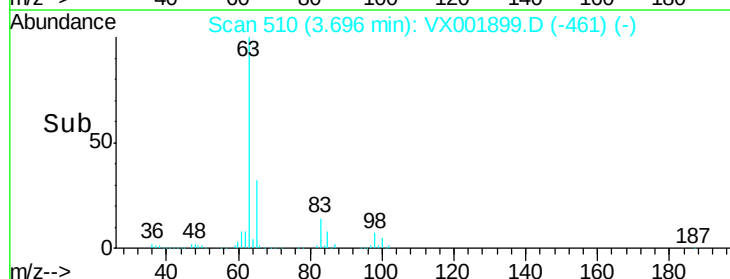
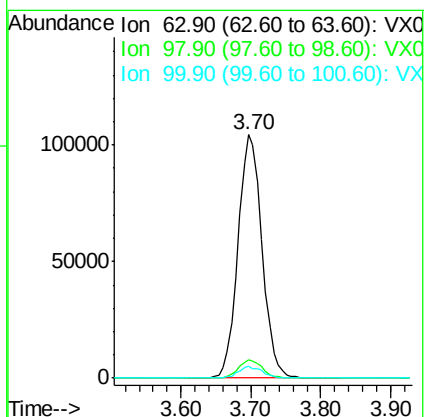
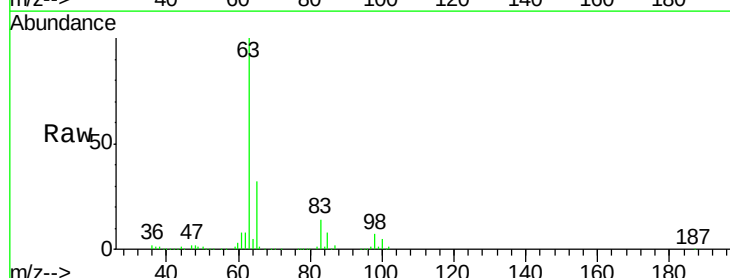
Tgt Ion: 63 Resp: 248591

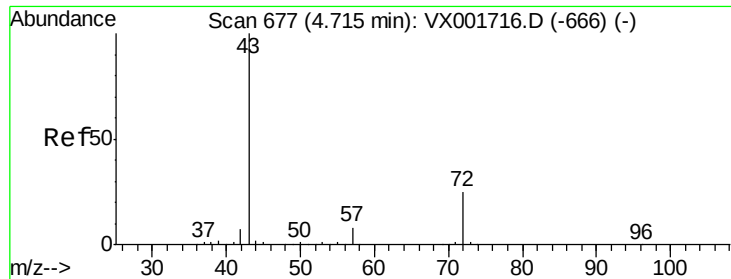
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 317.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion: 43 Resp: 637497

Ion Ratio Lower Upper

43 100

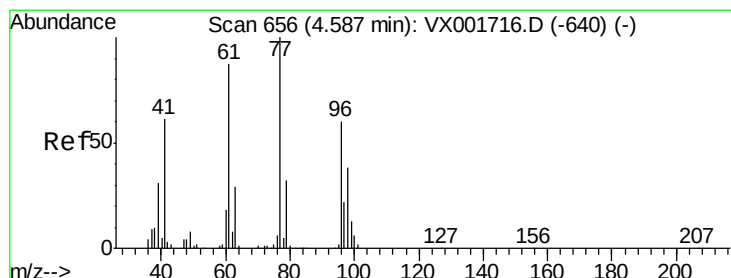
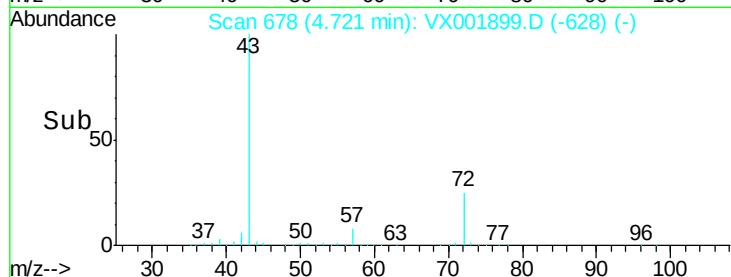
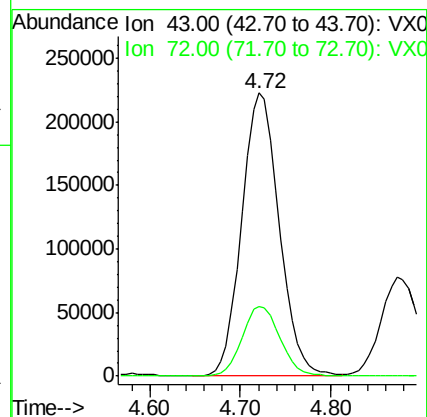
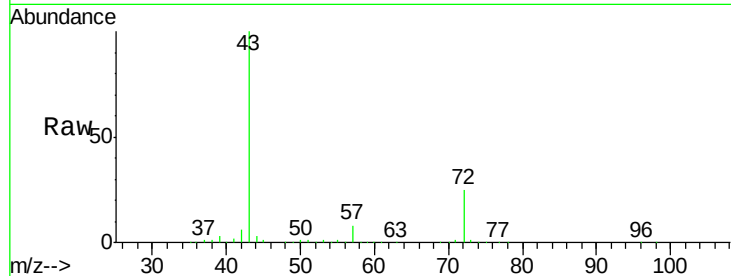
72 24.6 19.8 29.6

Manual Integrations

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MMDadoda

5/24/2018 11:47:45 AM



#26

2,2-Dichloropropane

Concen: 49.50 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001899.D

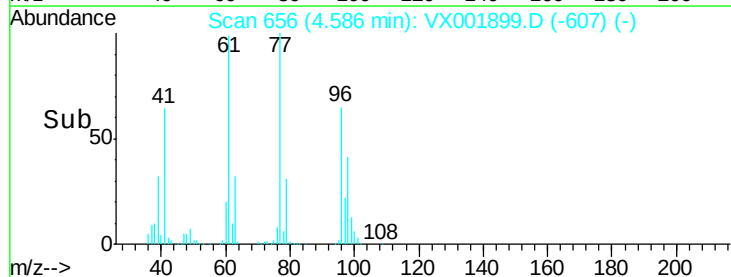
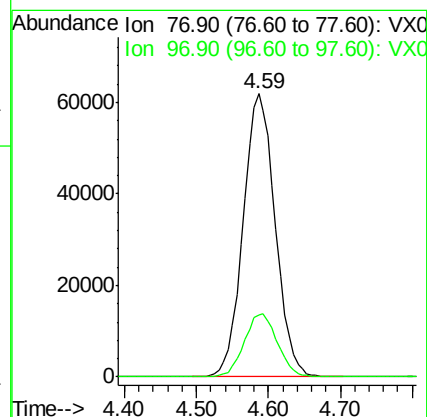
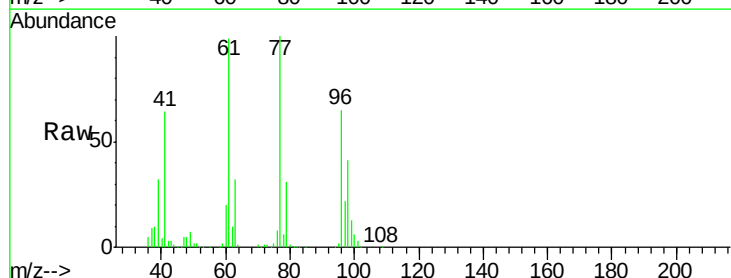
Acq: 22 May 2018 17:50

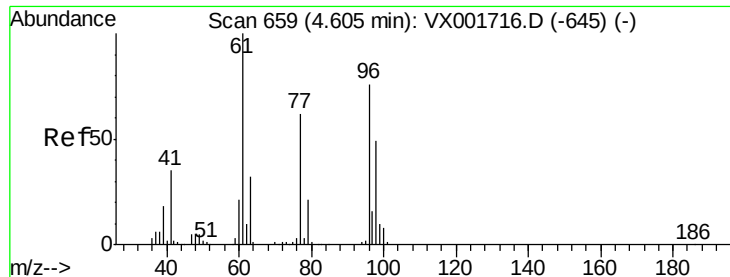
Tgt Ion: 77 Resp: 190781

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8





#27

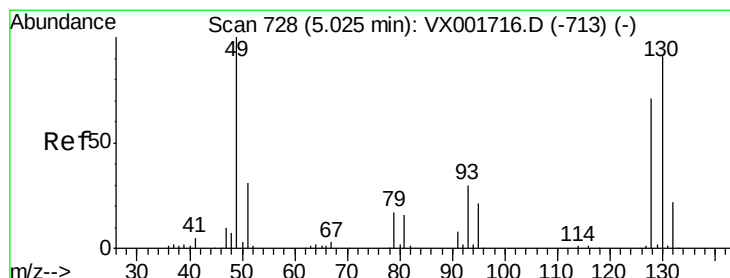
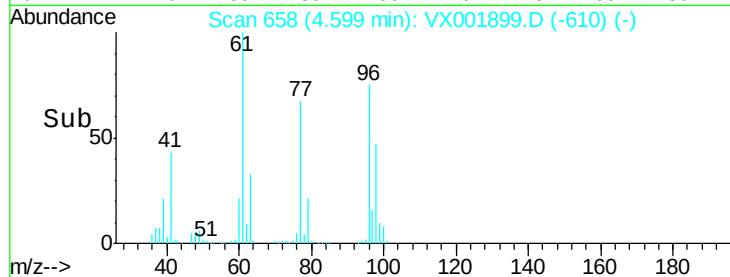
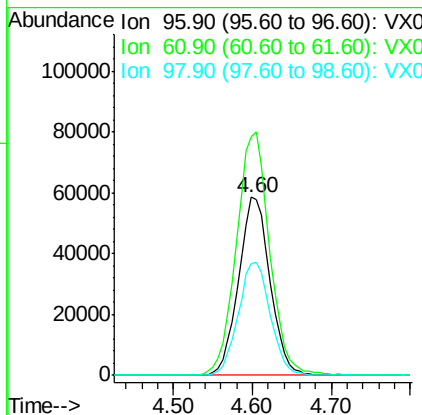
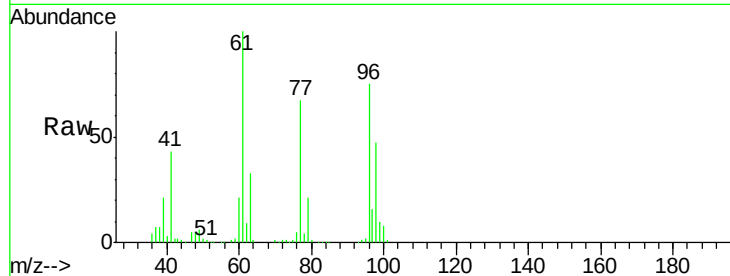
cis-1,2-Dichloroethene
Concen: 52.74 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	162764		
61	144.6	0.0	280.4	
98	64.9	0.0	128.4	

Manual Integrations
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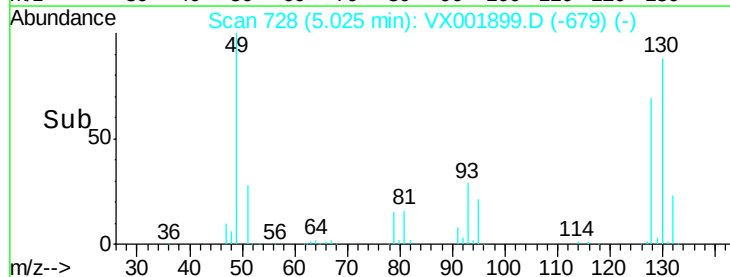
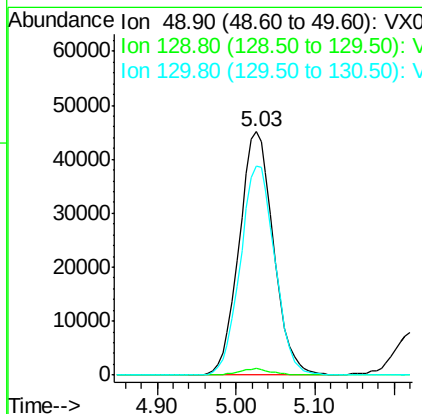
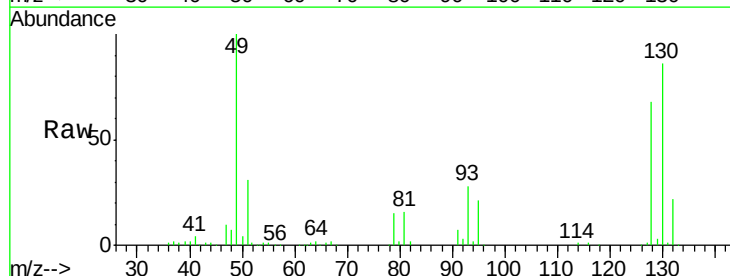
MMDadoda
5/24/2018 11:47:45 AM

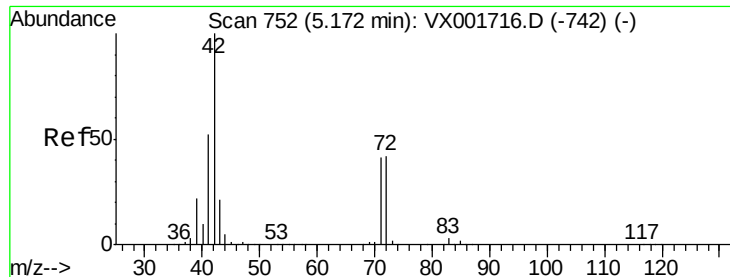


#28

Bromochloromethane
Concen: 64.21 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136561		
129	2.4	0.0	5.0	
130	86.2	71.8	107.6	





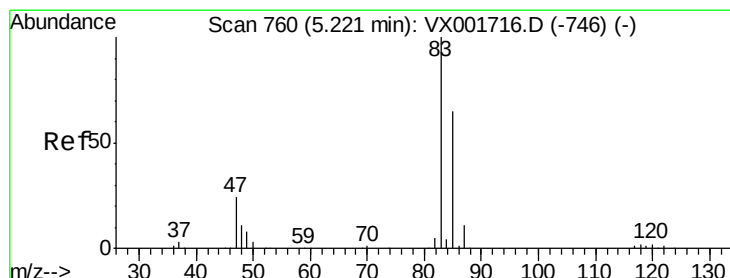
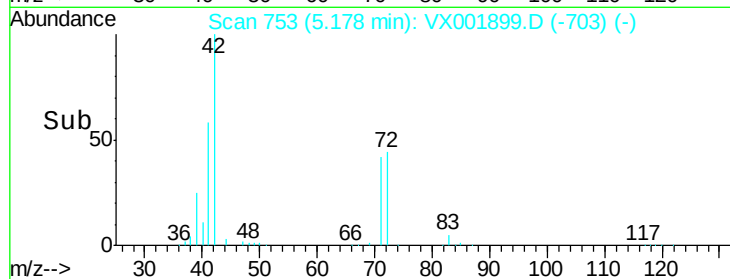
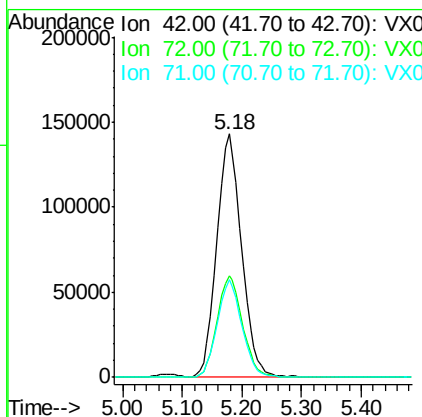
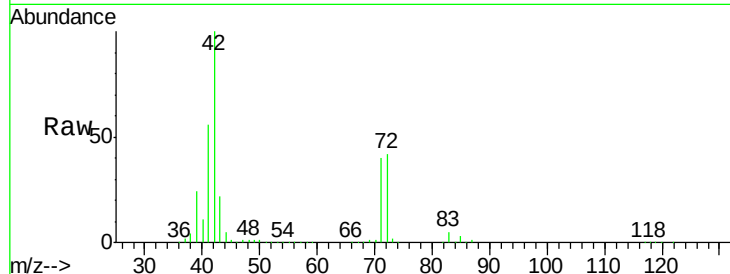
#29
Tetrahydrofuran
Concen: 314.08 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.4	53.2
71	39.9	33.2	49.8

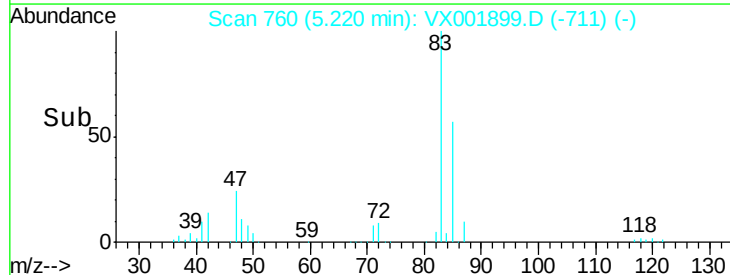
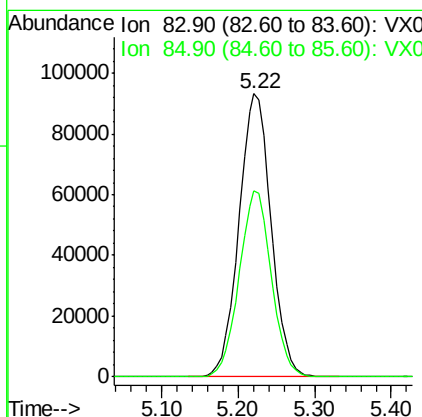
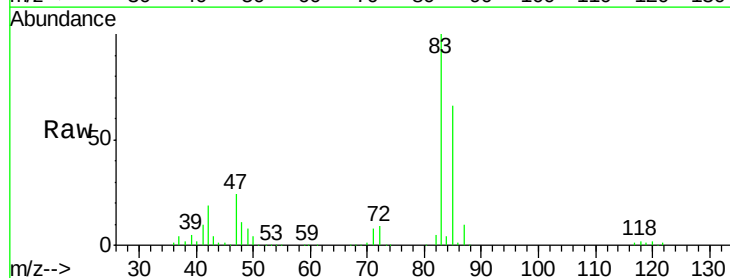
Manual Integrations
APPROVED

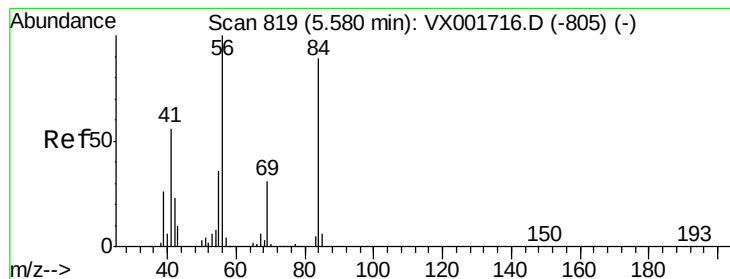
MMDadoda
5/24/2018 11:47:45 AM



#30
Chloroform
Concen: 53.98 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.3	78.5





#31

Cyclohexane

Concen: 48.95 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

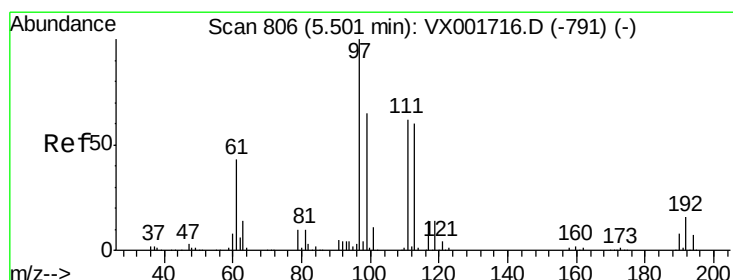
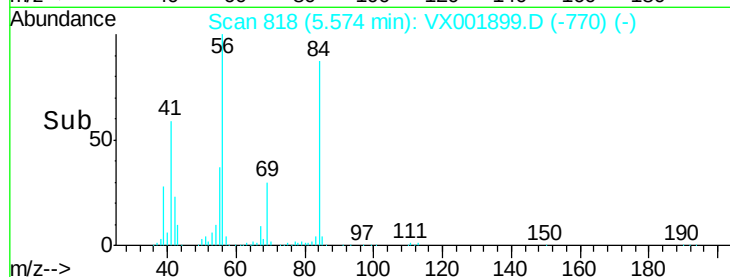
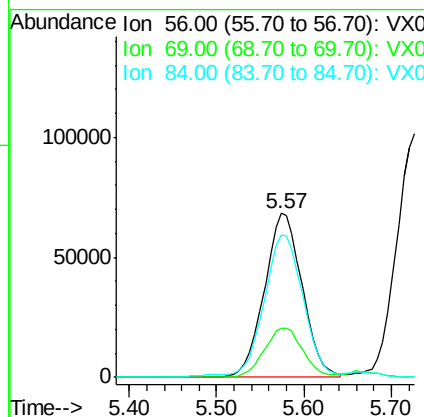
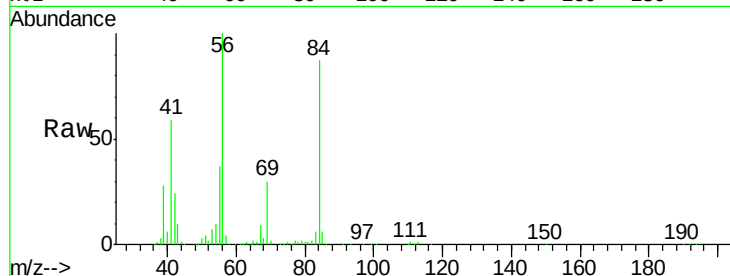
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	56	Resp:	205446
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.0	37.6
84	86.6	71.0	106.4

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5/24/2018 11:47:45 AM



#32

1,1,1-Trichloroethane

Concen: 53.51 ug/l

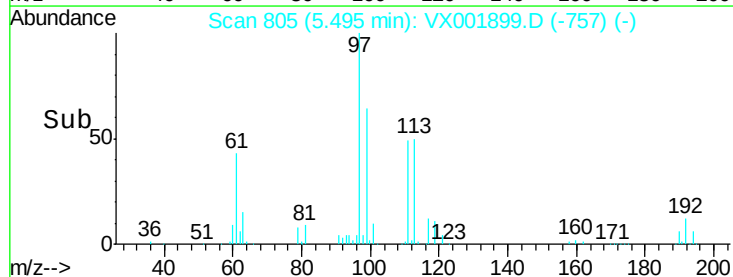
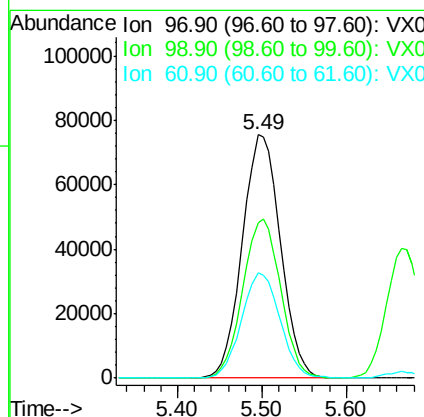
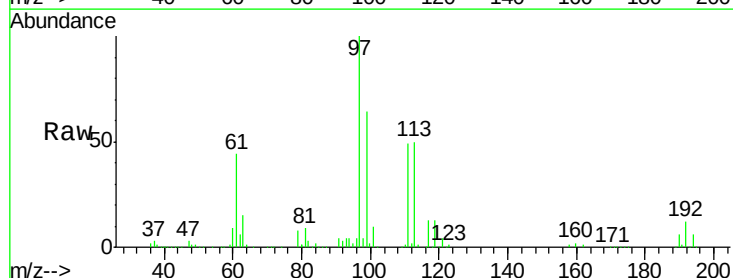
RT: 5.49 min Scan# 805

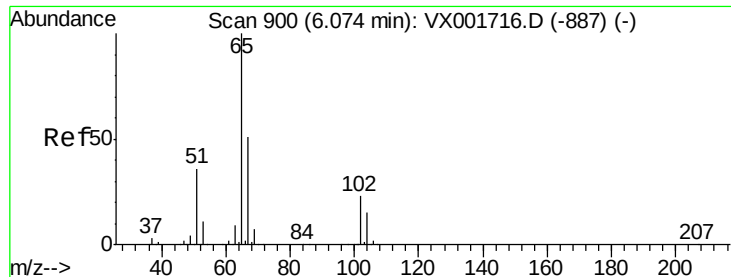
Delta R.T. -0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	97	Resp:	232561
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	43.7	34.0	51.0





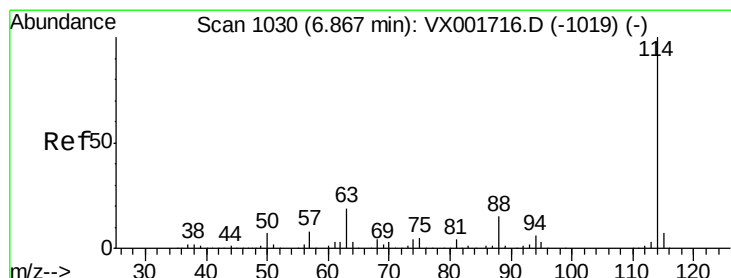
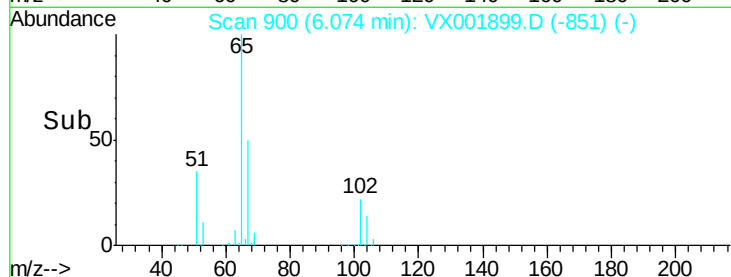
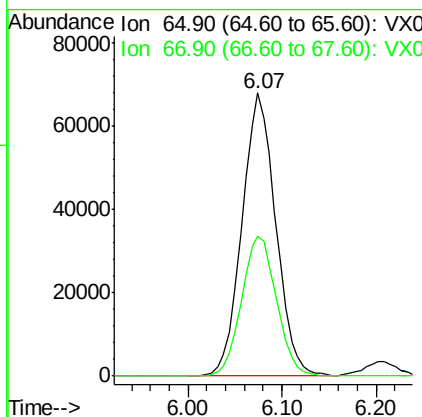
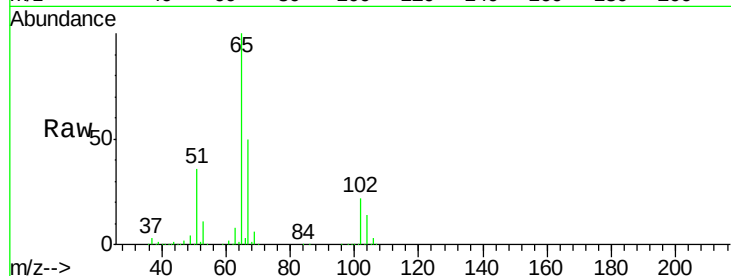
#33
 1,2-Dichloroethane-d4
 Concen: 51.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170733		
67	51.1	0.0	102.8	

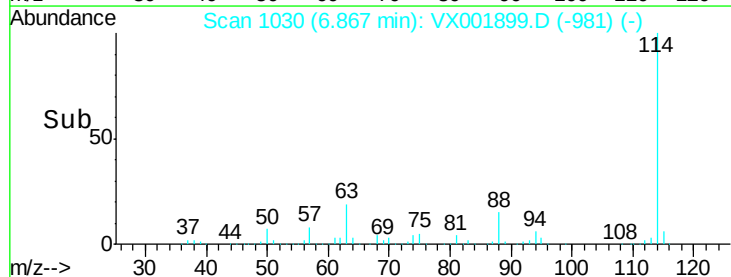
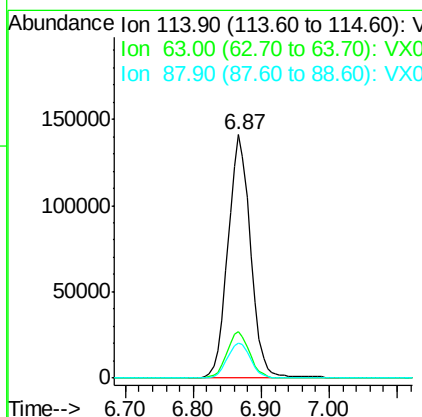
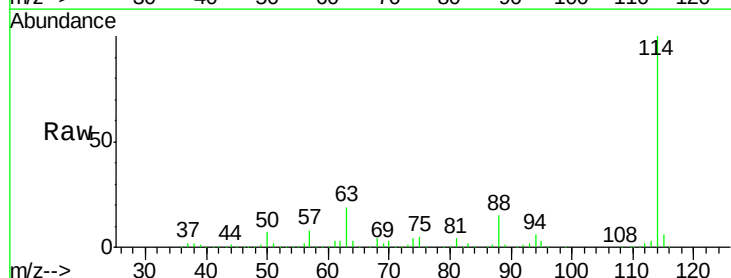
Manual Integrations
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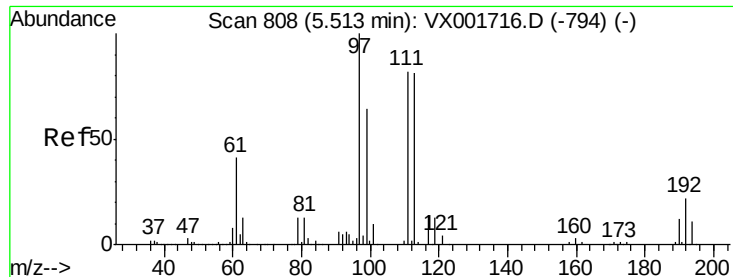
MMDadoda
 5/24/2018 11:47:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	325208		
63	19.0	0.0	37.0	
88	14.5	0.0	29.8	





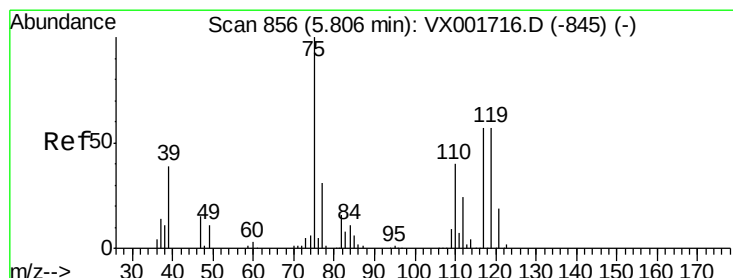
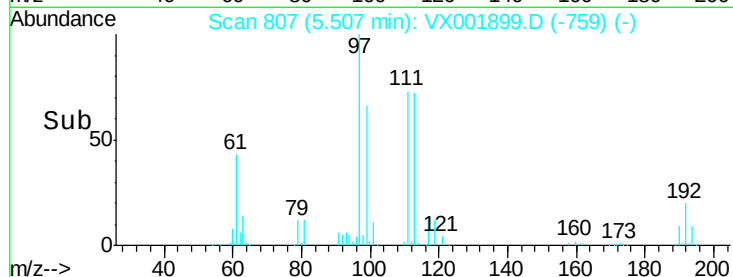
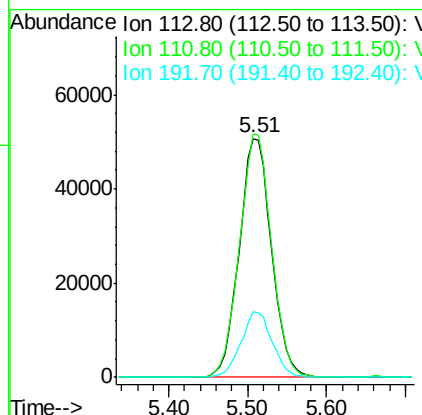
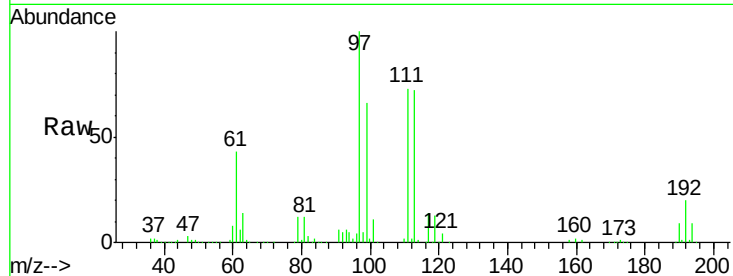
#35
 Dibromofluoromethane
 Concen: 52.51 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144117		
111	101.1	82.0	123.0	
192	26.7	21.6	32.4	

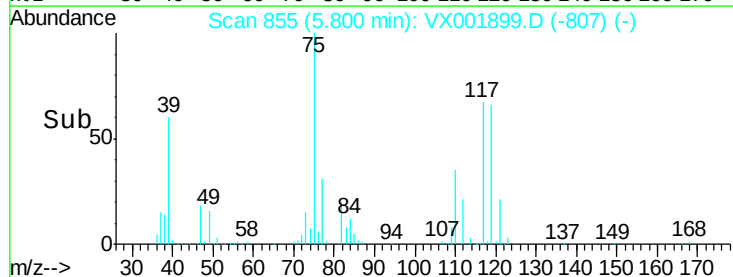
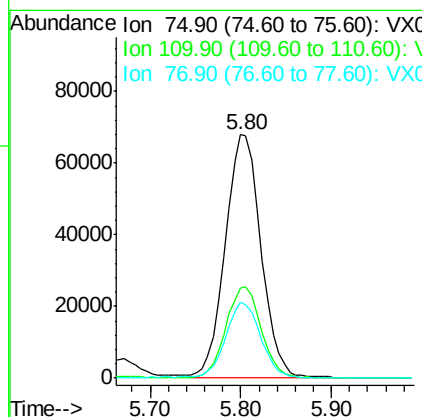
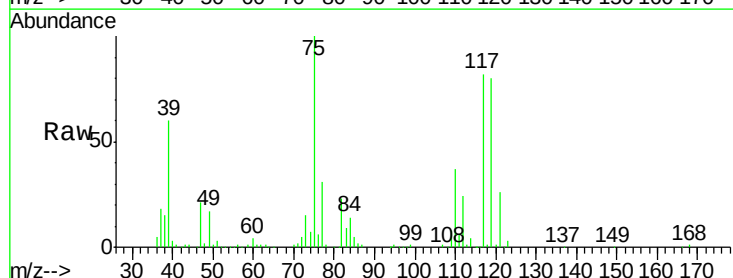
Manual Integrations
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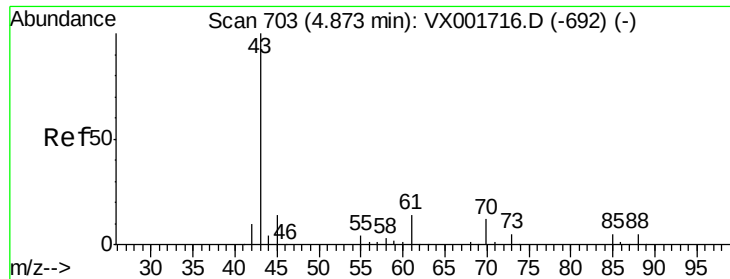
MMDadoda
 5/24/2018 11:47:45 AM



#36
 1,1-Dichloropropene
 Concen: 49.30 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	184554		
110	37.6	19.1	57.1	
77	30.4	24.6	37.0	





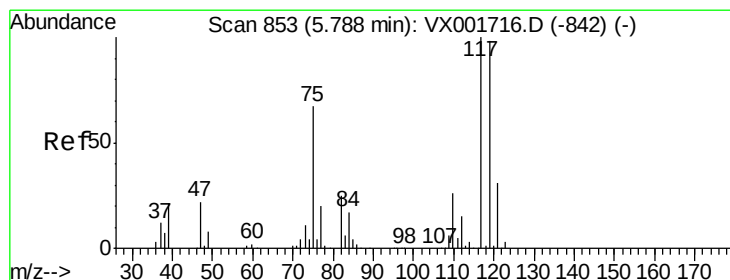
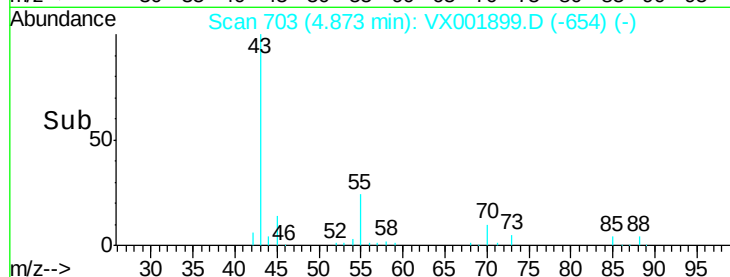
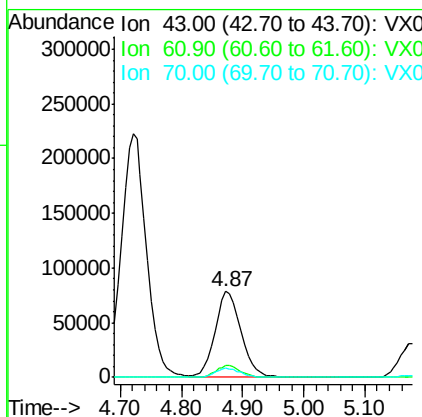
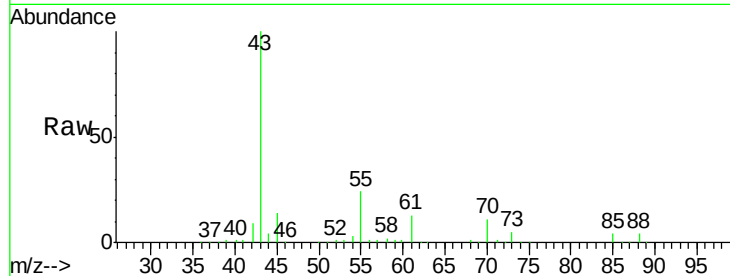
#37
Ethyl Acetate
Concen: 59.36 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.4	8.8	13.2

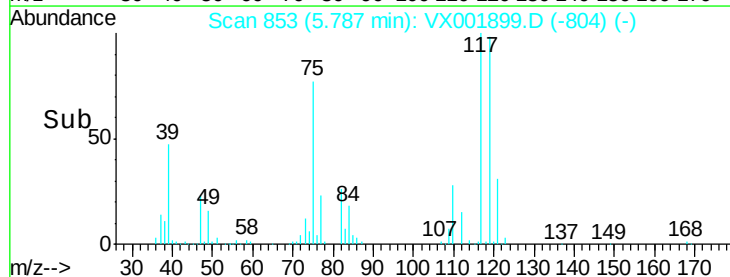
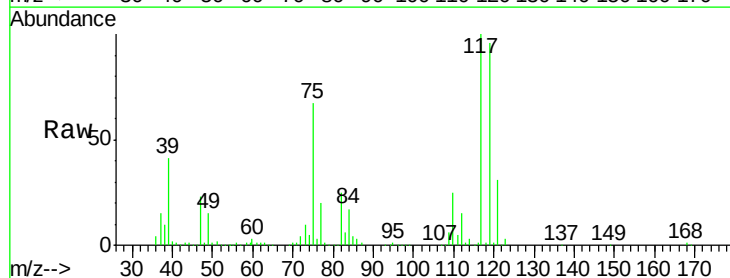
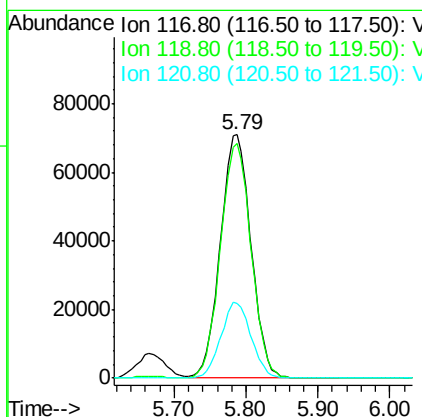
Manual Integrations
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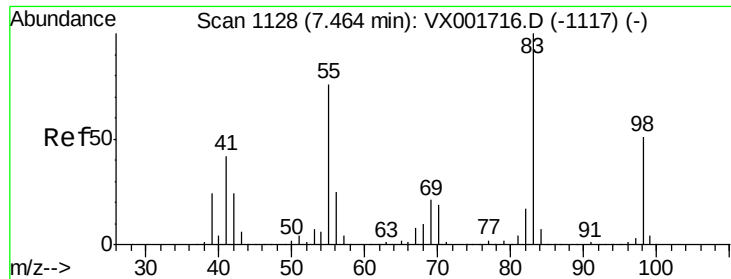
MMDadoda
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#38
Carbon Tetrachloride
Concen: 53.51 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
121	30.7	24.6	36.8





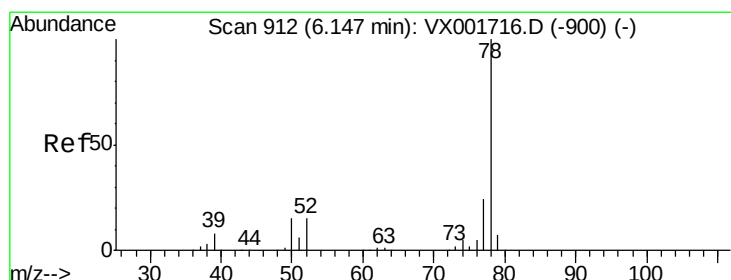
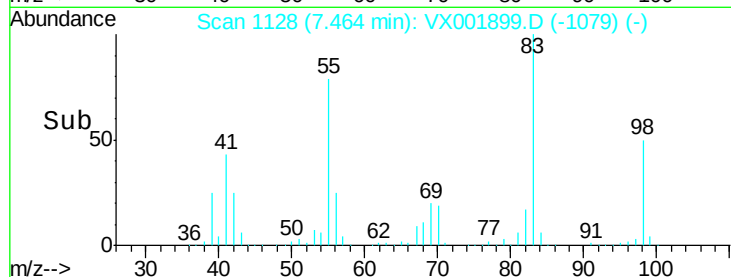
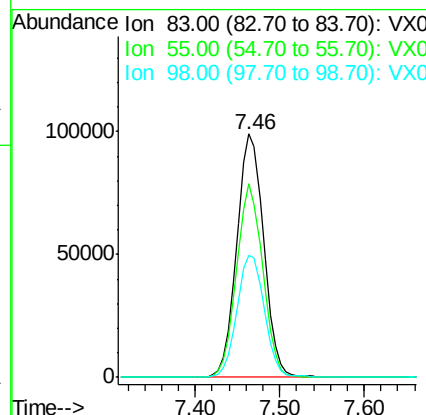
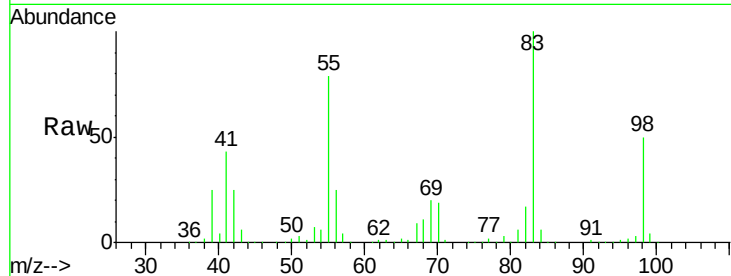
#39
Methylvlcyclohexane
Concen: 48.96 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.3	60.6	90.8	
98	50.2	40.4	60.6	

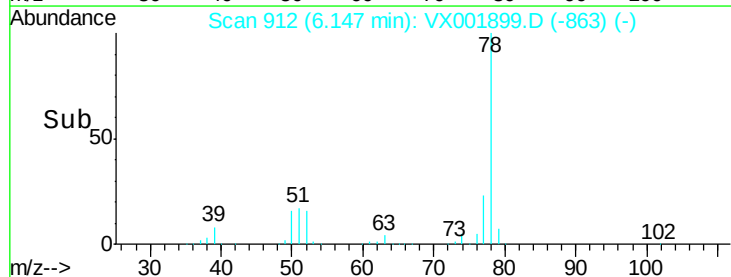
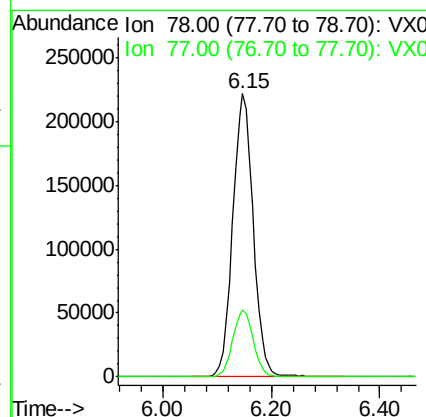
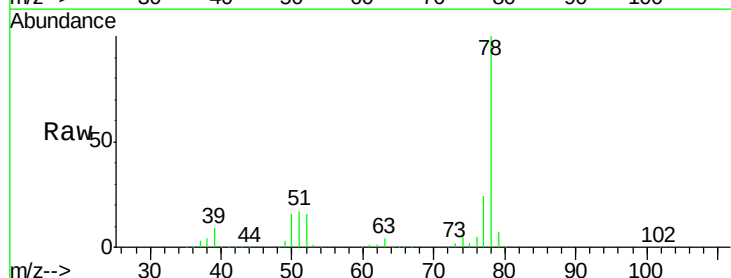
Manual Integrations
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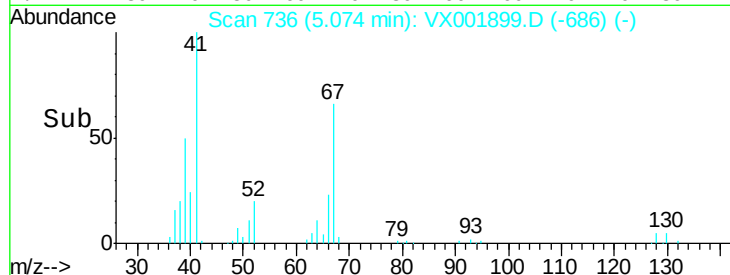
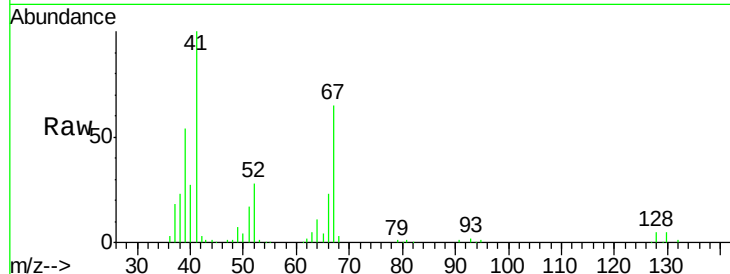
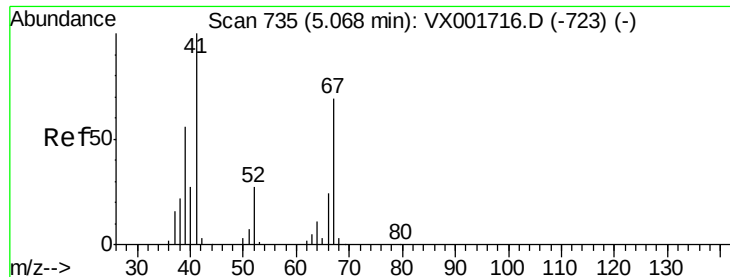
MMDadoda
5/24/2018 11:47:45 AM



#40
Benzene
Concen: 52.85 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.4	





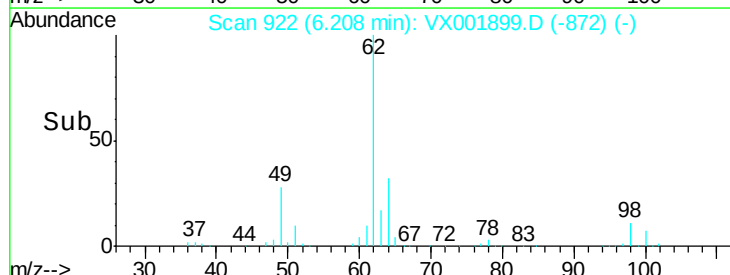
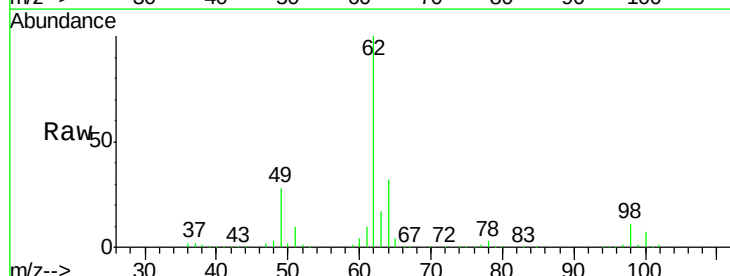
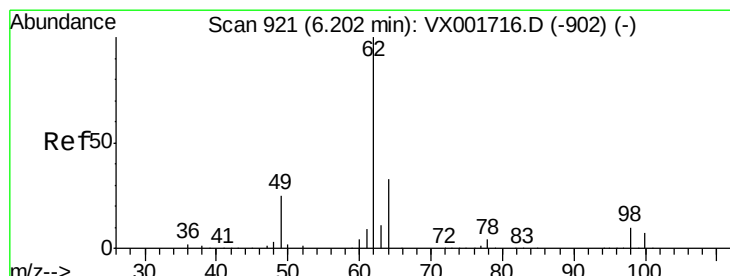
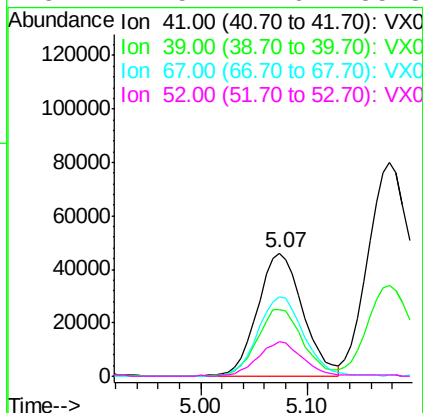
#41
Methacrylonitrile
Concen: 60.60 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.1	44.2	66.4		
67	65.8	56.0	84.0		
52	27.5	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

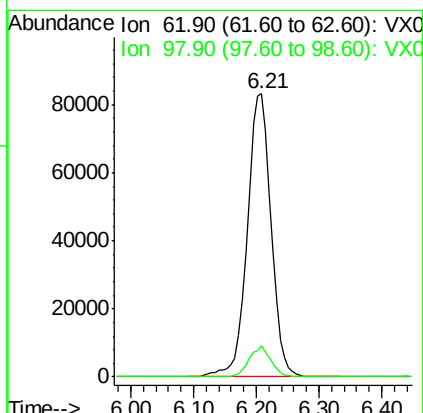
Manual Integrations
APPROVED

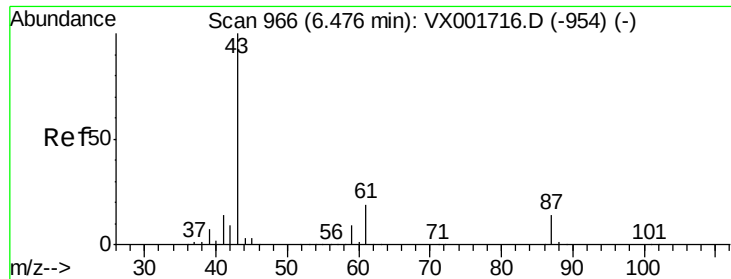
MMDadoda
5/24/2018 11:47:45 AM



#42
1,2-Dichloroethane
Concen: 54.75 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.8	0.0	20.0		





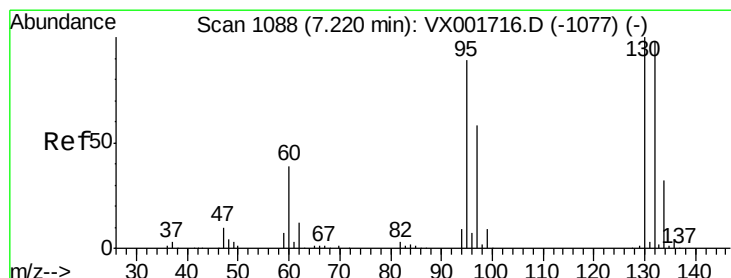
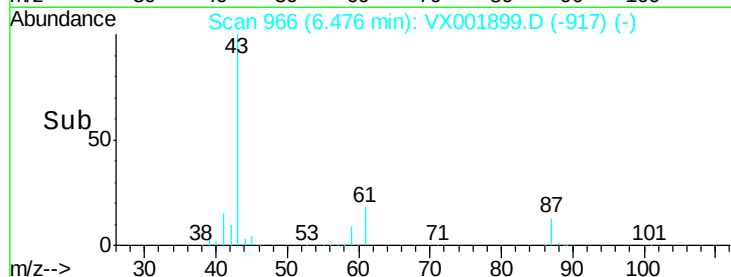
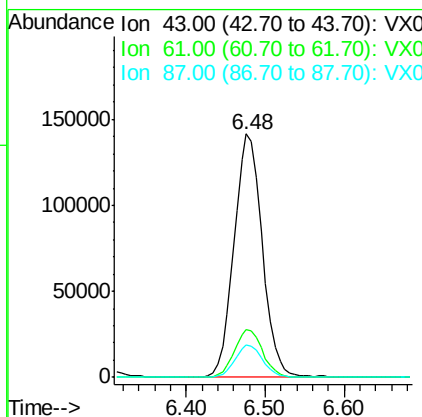
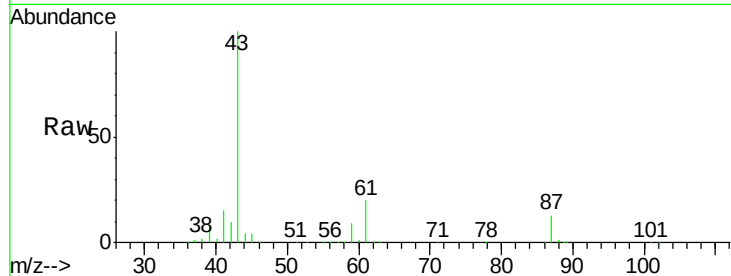
#43
Isopropyl Acetate
Concen: 57.58 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.8
87	13.1	11.0	16.4

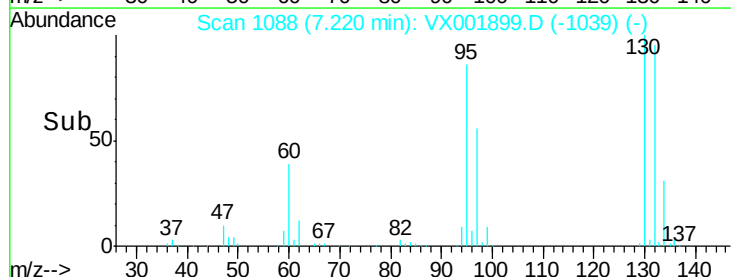
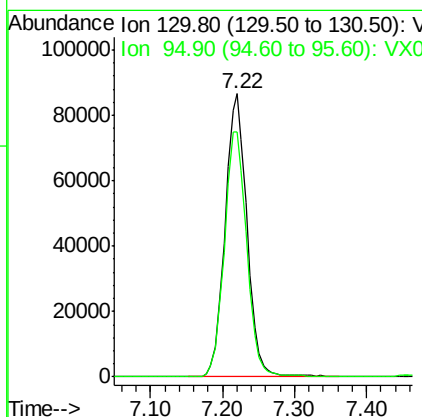
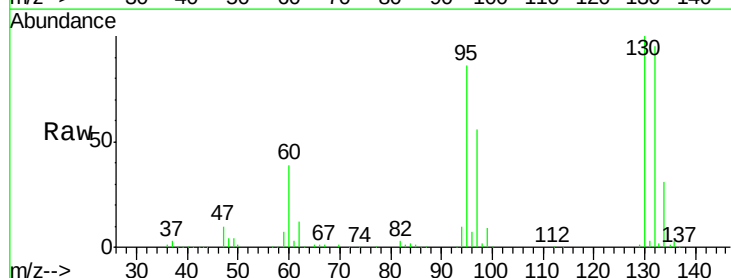
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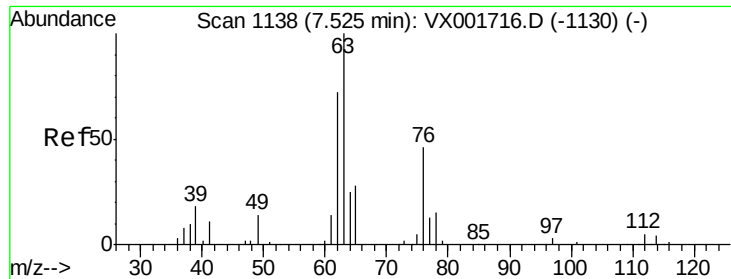
MMDadoda
5/24/2018 11:47:45 AM



#44
Trichloroethene
Concen: 53.74 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	177.2





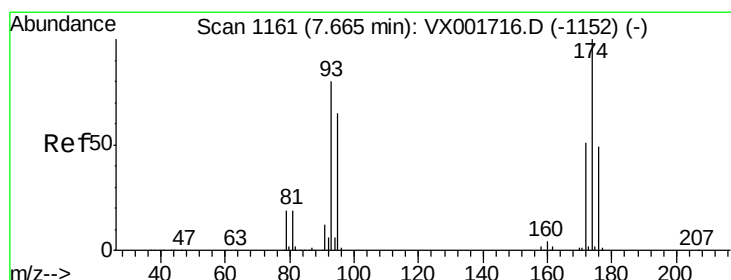
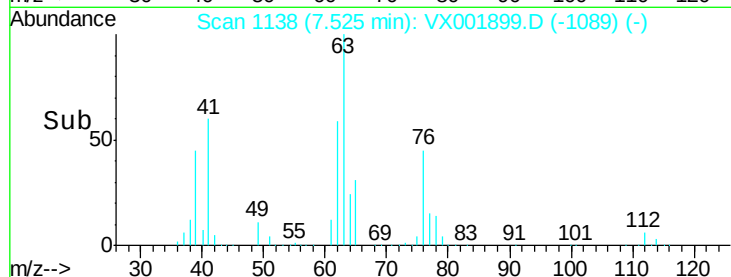
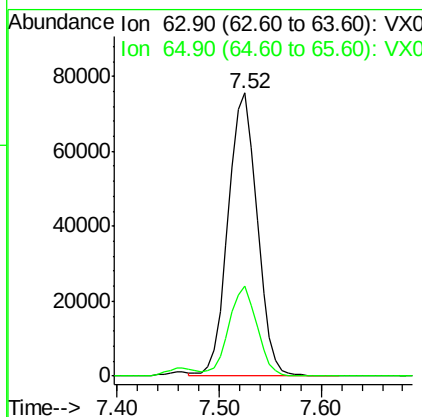
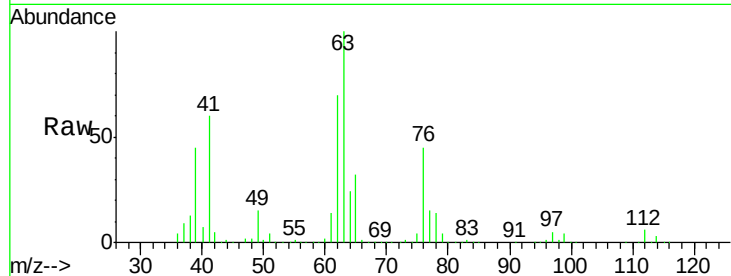
#45
 1,2-Dichloropropane
 Concen: 54.95 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion: 63 Resp: 148724
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.2 36.2

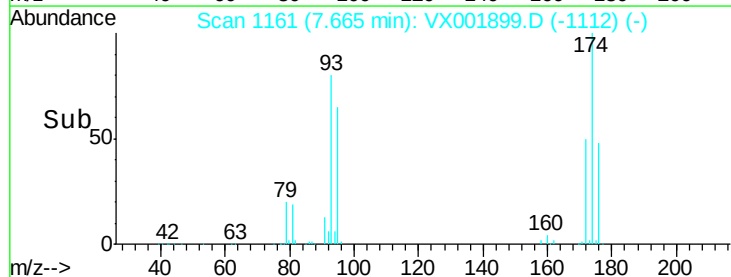
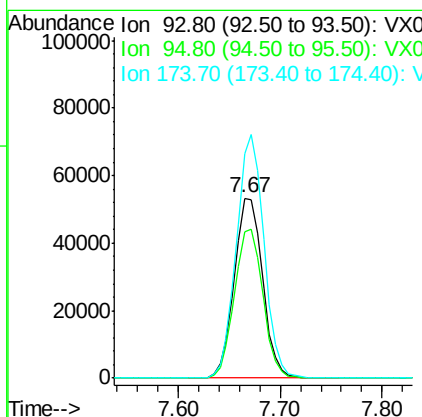
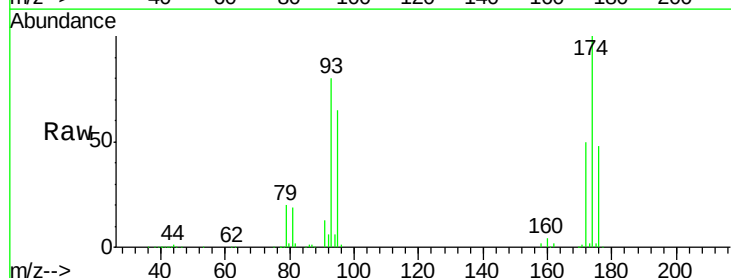
Manual Integrations
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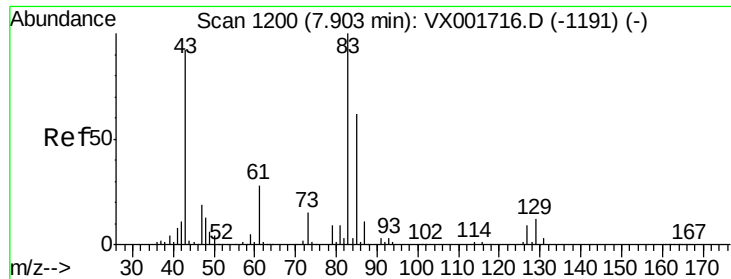
MMDadoda
 5/24/2018 11:47:45 AM



#46
 Dibromomethane
 Concen: 53.98 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 93 Resp: 102594
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 131.7 106.2 159.2





#47

Bromodichloromethane

Concen: 57.45 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

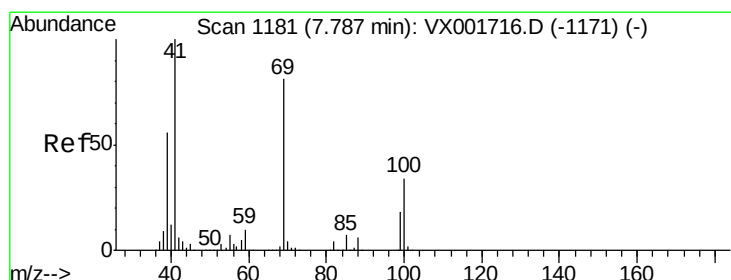
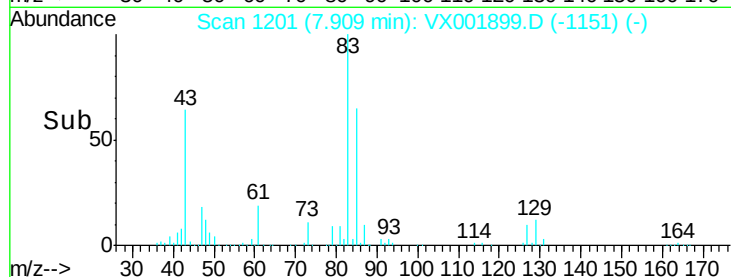
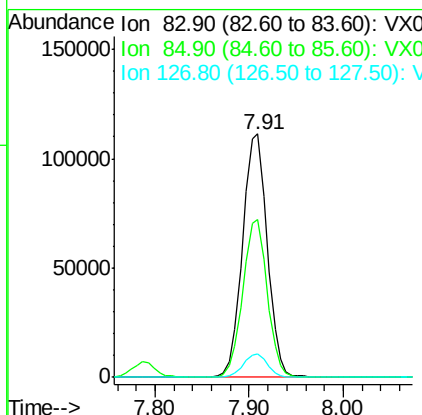
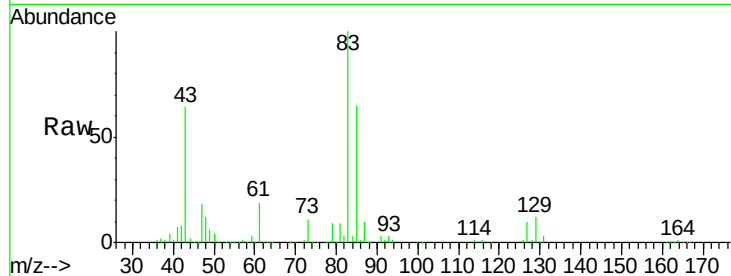
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	83	Resp:	202594
Ion Ratio	Lower	Upper	
83	100		
85	64.8	49.6	74.4
127	9.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 60.32 ug/l

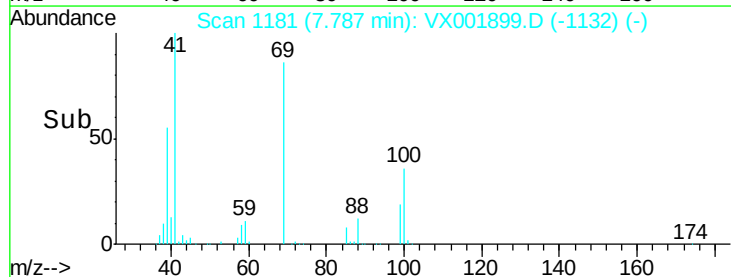
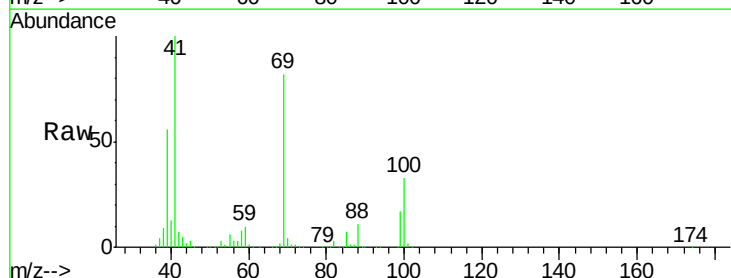
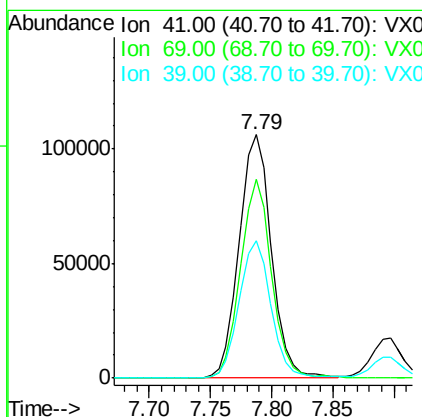
RT: 7.79 min Scan# 1181

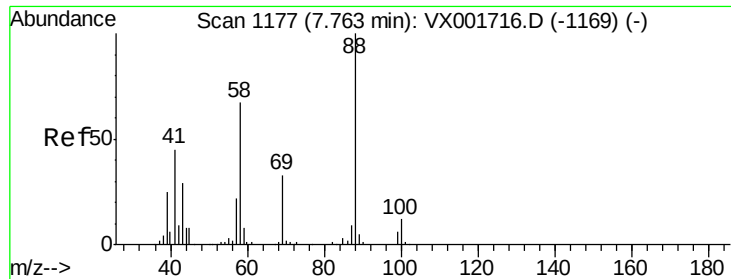
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	41	Resp:	193867
Ion Ratio	Lower	Upper	
41	100		
69	79.4	65.2	97.8
39	55.7	44.5	66.7





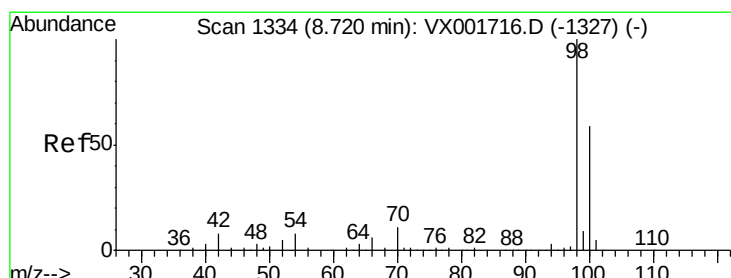
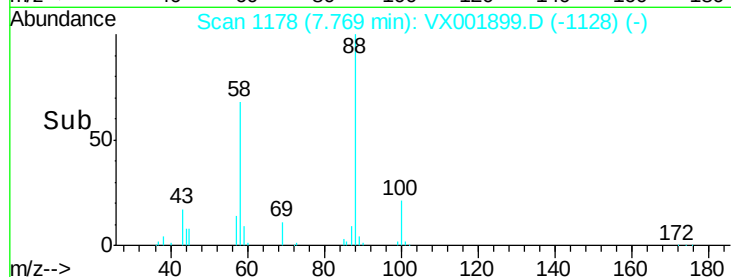
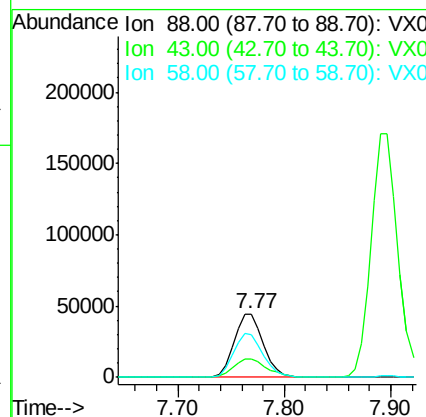
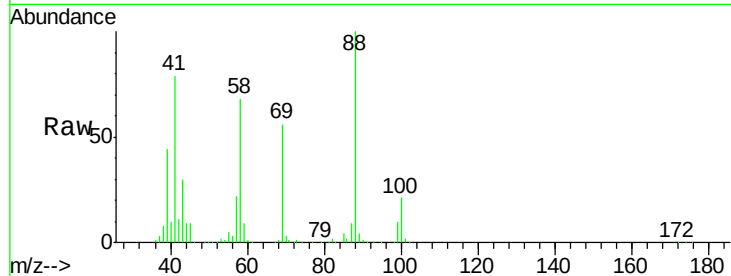
#49
1,4-Dioxane
Concen: 1388.29 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.3	40.9
58	70.5	55.9	83.9

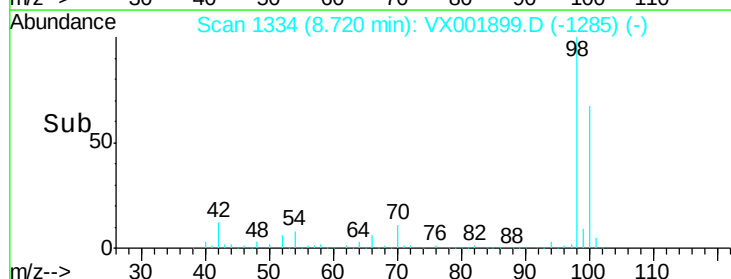
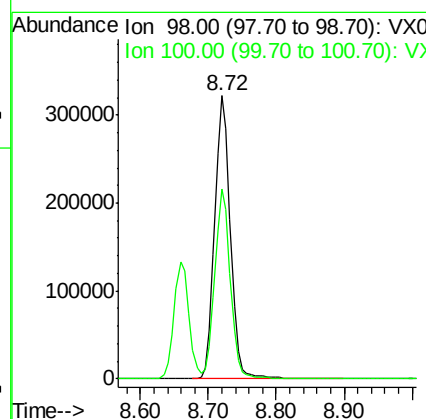
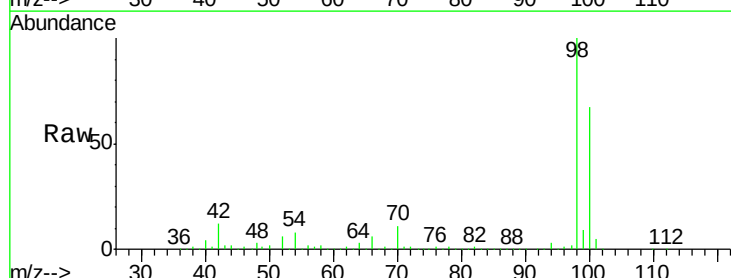
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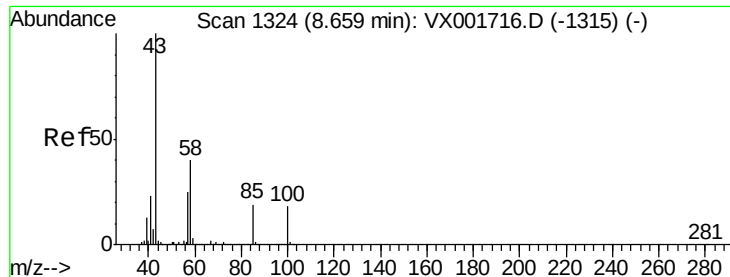
MMDadoda
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#50
Toluene-d8
Concen: 52.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.0	81.0





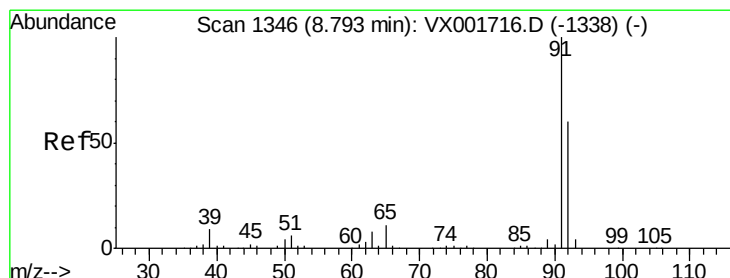
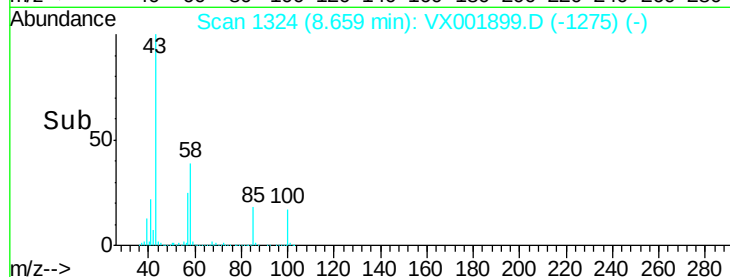
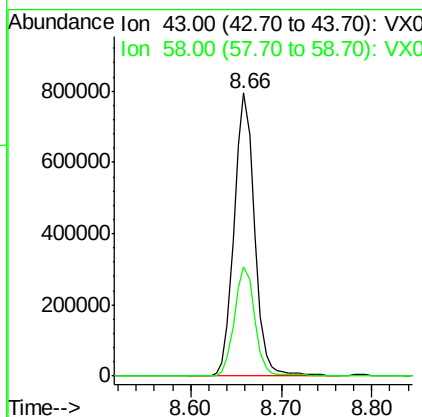
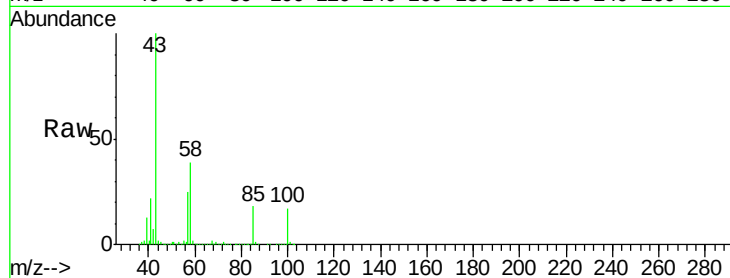
#51
4-Methyl-2-Pentanone
Concen: 321.78 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion: 43 Resp: 1245188
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.0

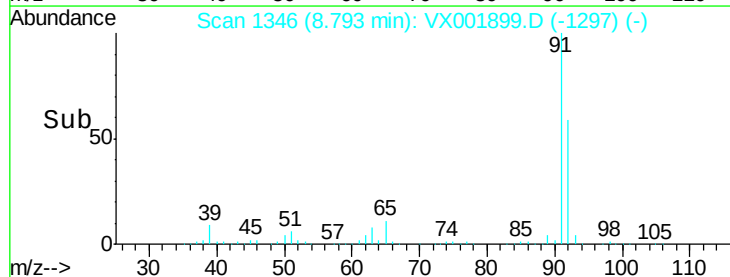
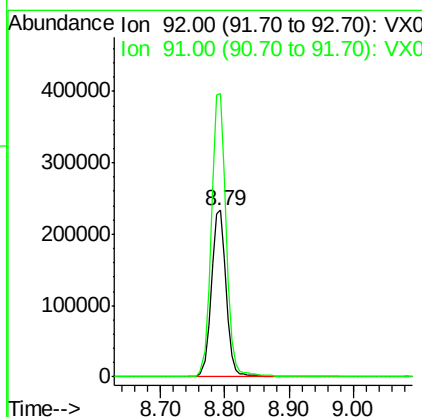
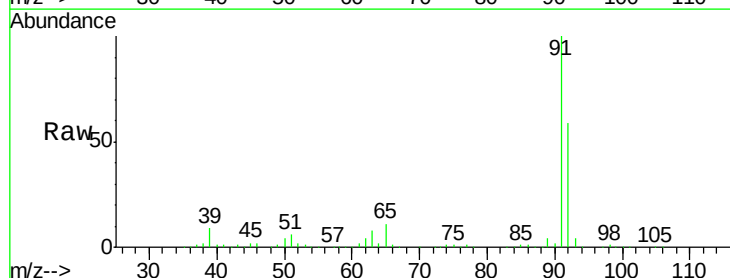
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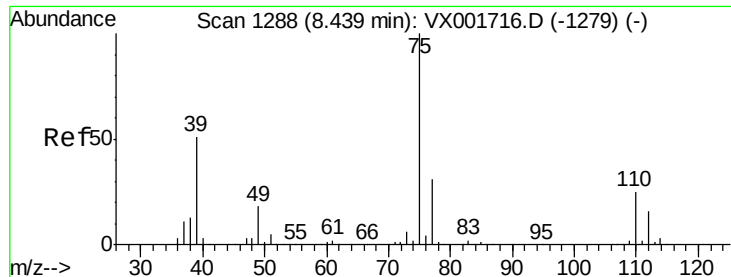
MMDadoda
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#52
Toluene
Concen: 53.41 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 92 Resp: 378571
Ion Ratio Lower Upper
92 100
91 169.8 135.5 203.3





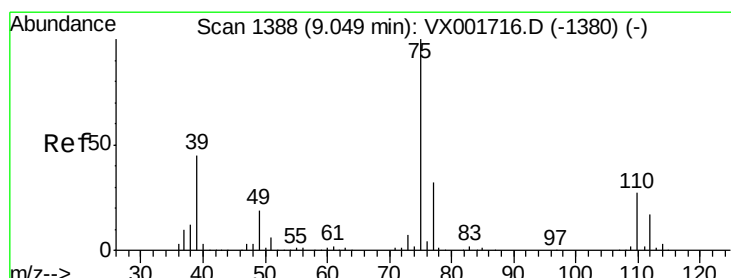
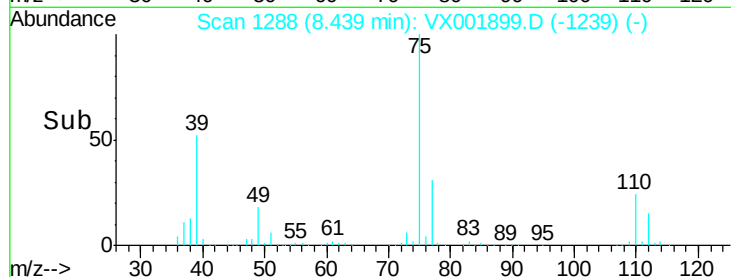
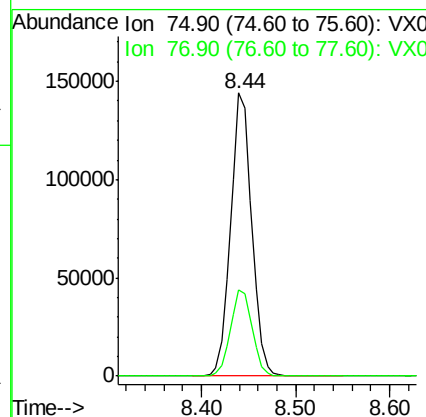
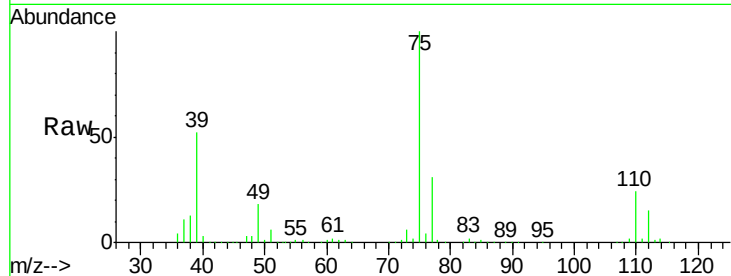
#53
t-1,3-Dichloropropene
Concen: 53.90 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.6

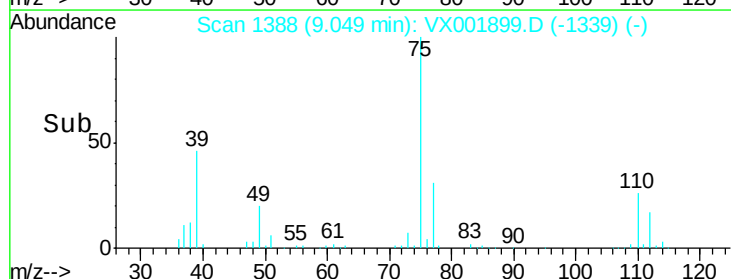
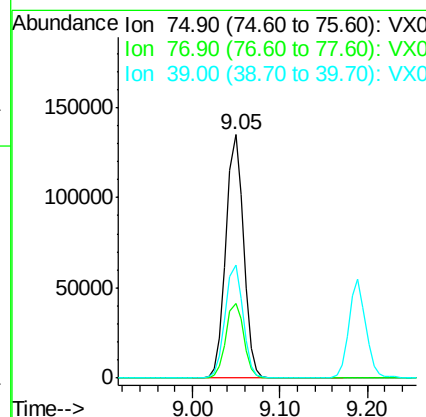
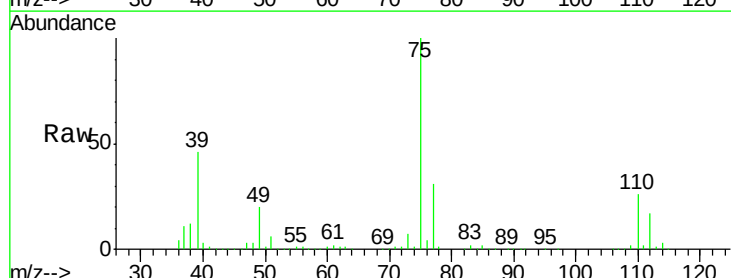
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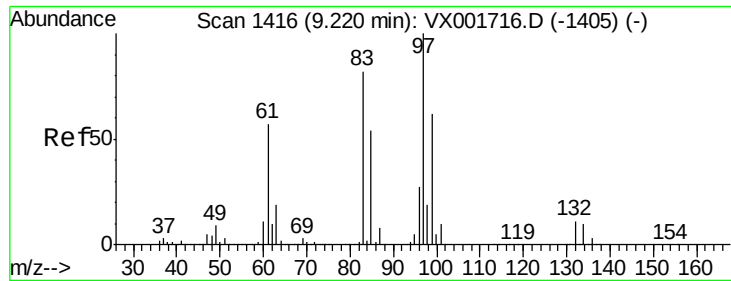
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.47 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.2
39	46.2	36.1	54.1





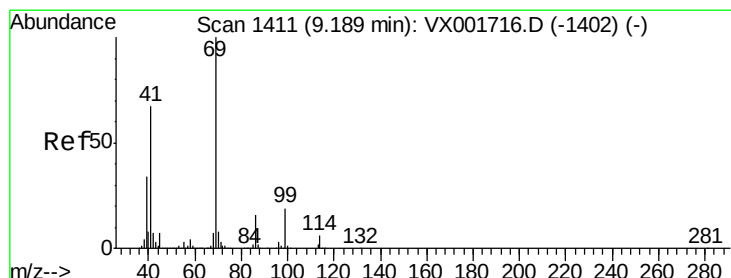
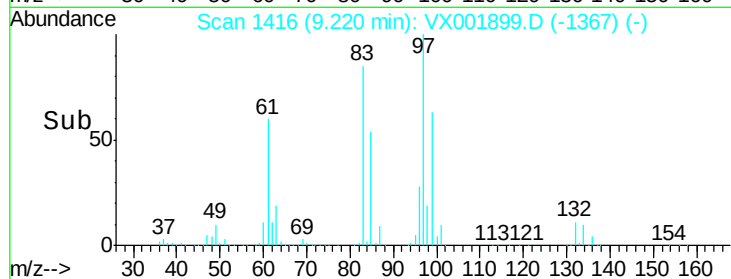
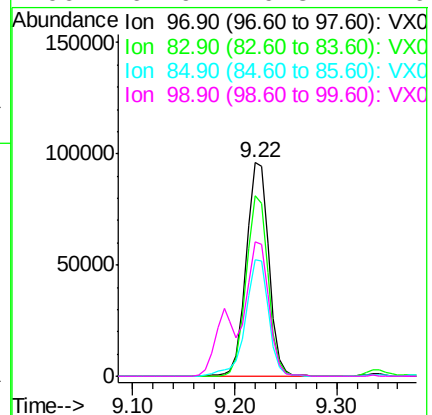
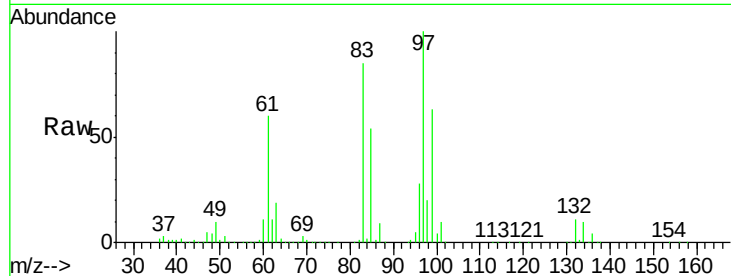
#55
 1,1,2-Trichloroethane
 Concen: 54.33 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.8	65.8	98.8		
85	54.4	43.4	65.0		
99	62.9	49.8	74.6		

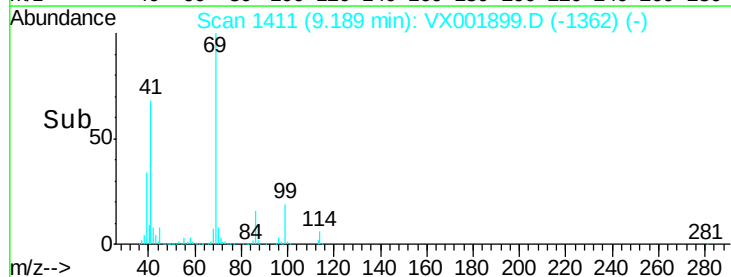
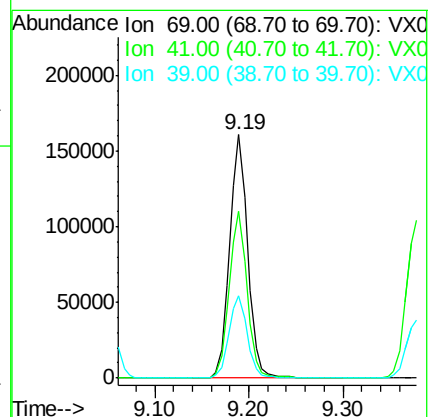
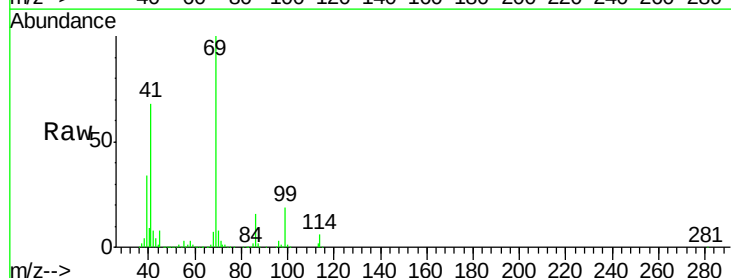
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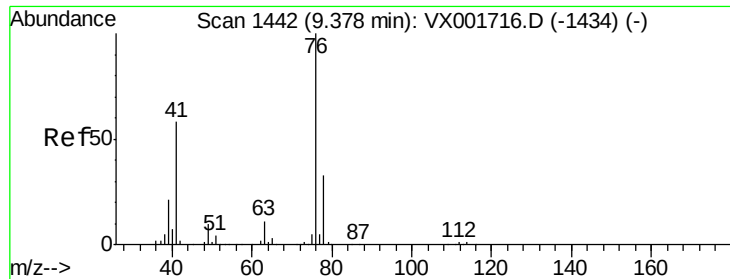
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#56
 Ethyl methacrylate
 Concen: 55.62 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.1	53.5	80.3		
39	34.9	27.2	40.8		





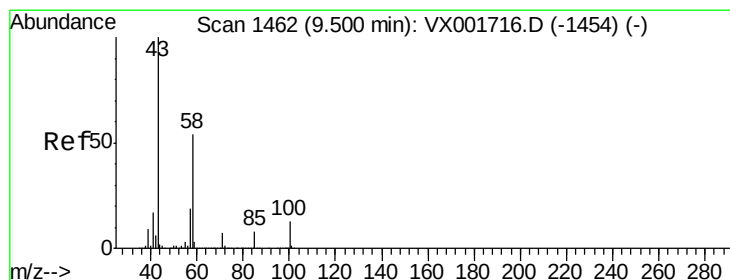
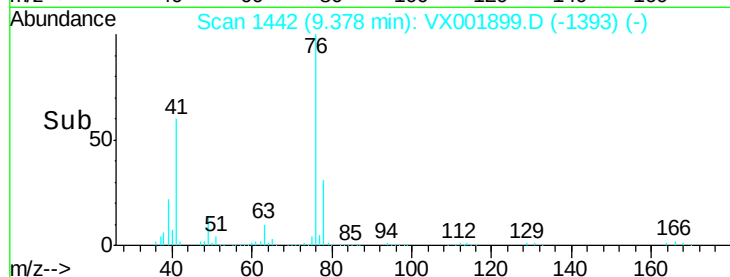
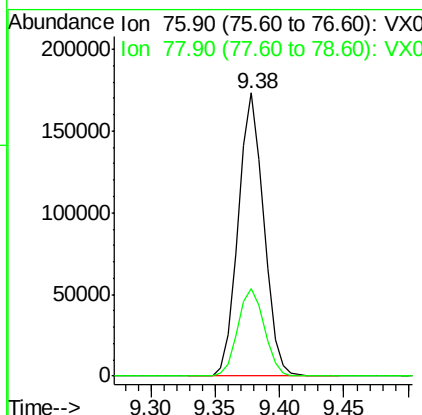
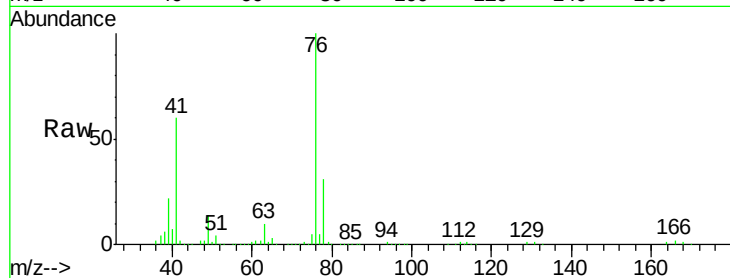
#57
 1,3-Dichloropropane
 Concen: 52.66 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

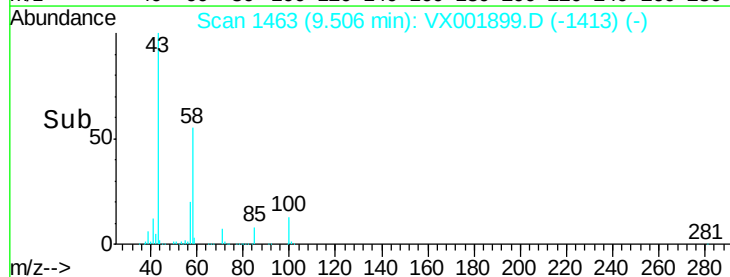
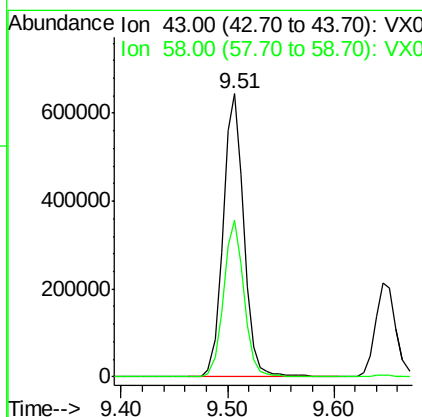
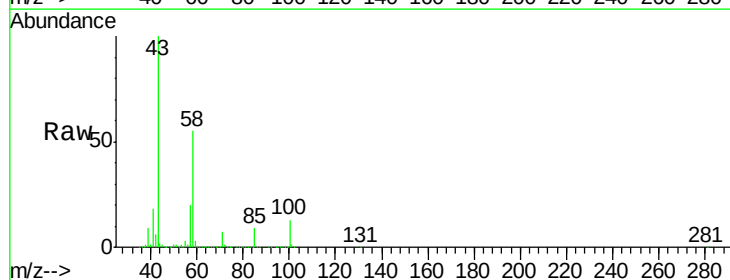
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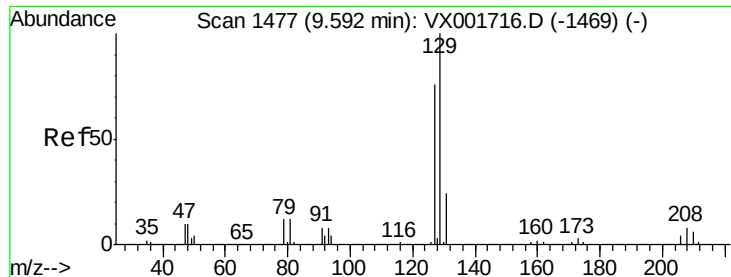
MMDadoda
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#59
 2-Hexanone
 Concen: 316.65 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.7	83.1





#60

Dibromochloromethane

Concen: 57.02 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion:129 Resp: 158197

Ion Ratio Lower Upper

129 100

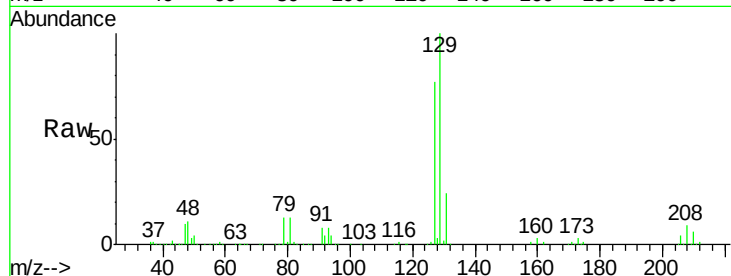
127 76.6 38.7 116.1

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

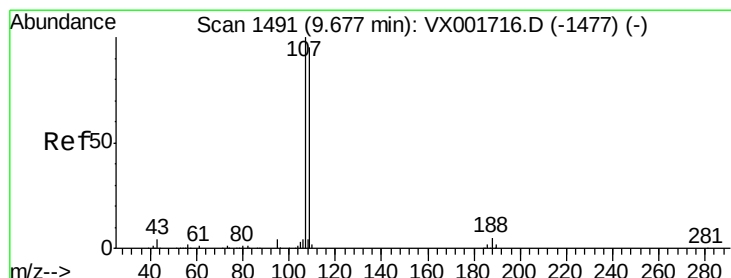
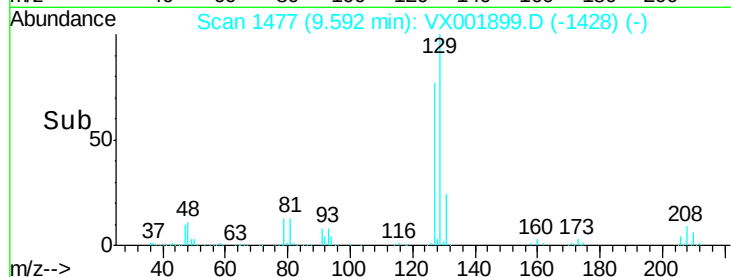
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 53.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001899.D

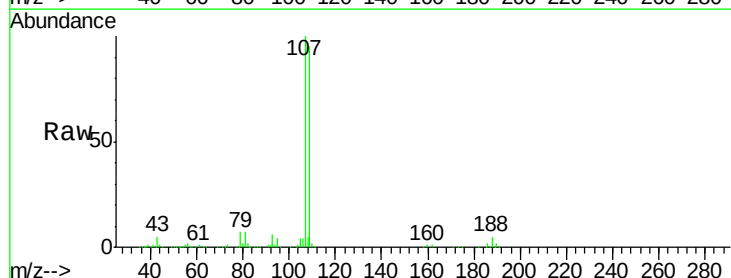
Acq: 22 May 2018 17:50

Tgt Ion:107 Resp: 151370

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

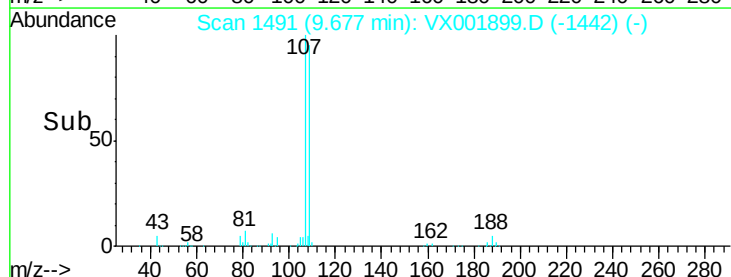
60000

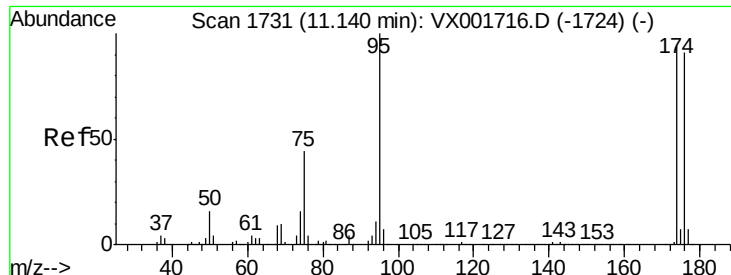
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80





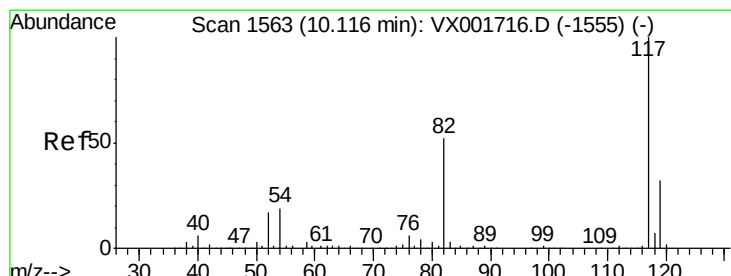
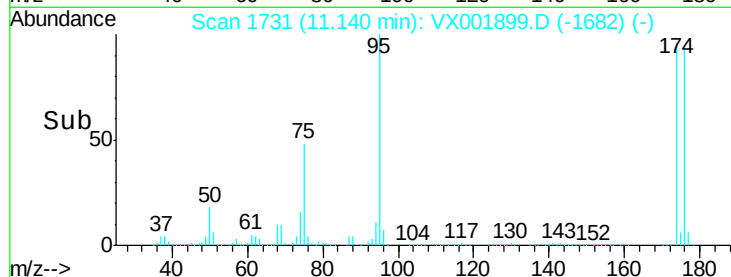
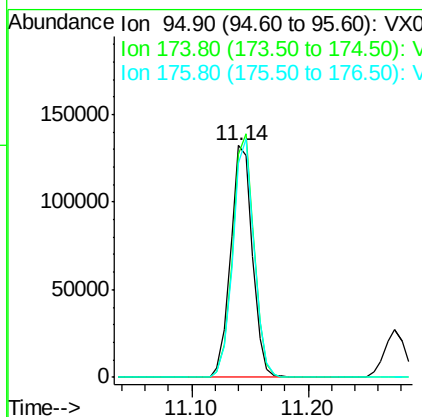
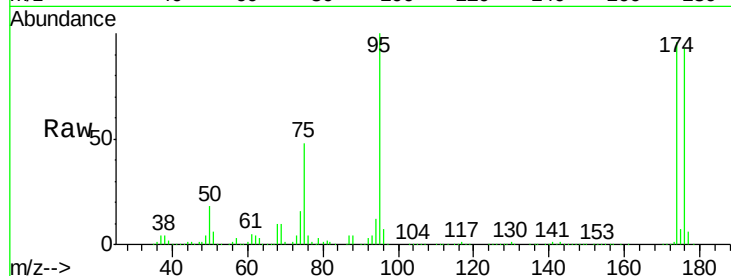
#62
4-Bromofluorobenzene
Concen: 48.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	172878		
174	102.3	0.0	201.8	
176	99.3	0.0	196.8	

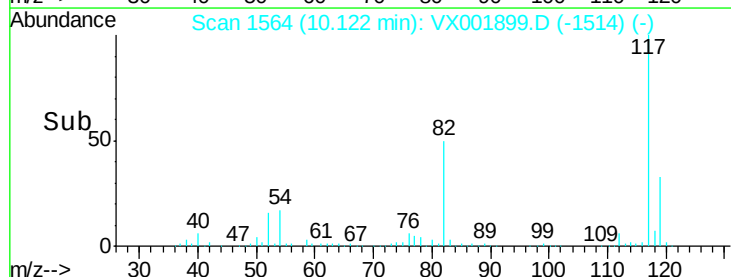
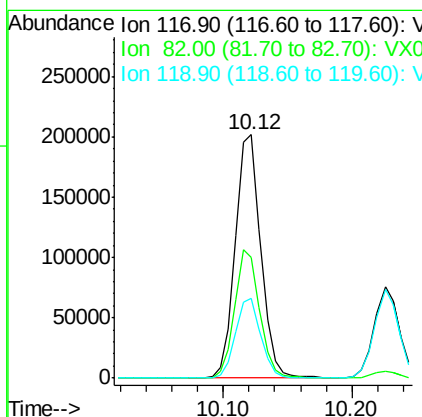
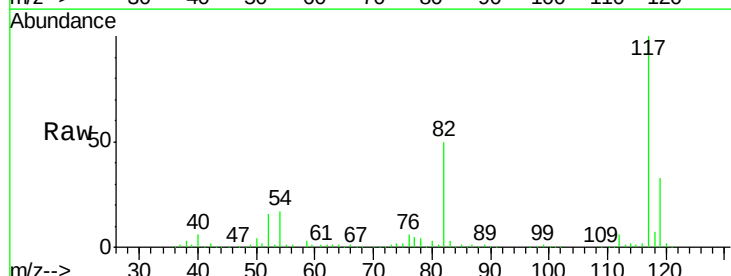
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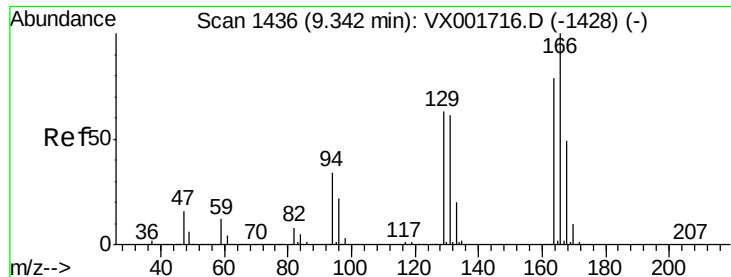
MMDadoda
5/24/2018 11:47:45 AM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	280306		
82	49.6	41.4	62.2	
119	32.9	25.6	38.4	





#64

Tetrachloroethene

Concen: 64.80 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion:164 Resp: 236440

Ion Ratio Lower Upper

164 100

166 127.6 101.8 152.8

129 80.8 63.8 95.6

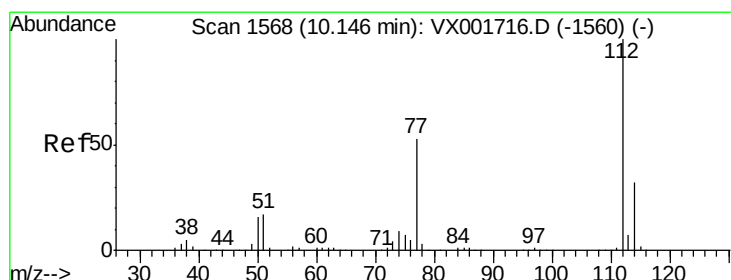
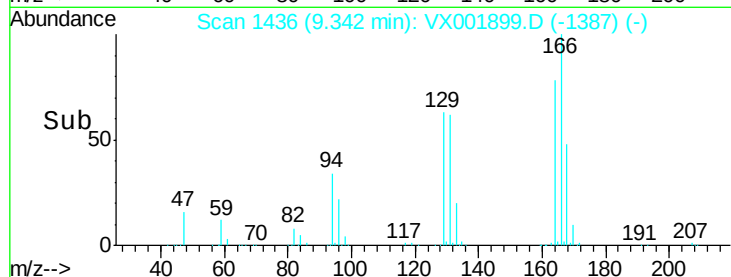
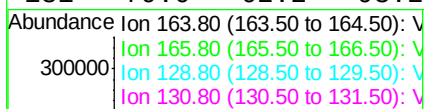
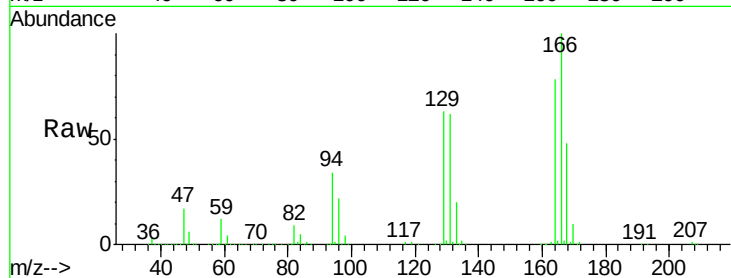
131 79.0 62.2 93.2

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#65

Chlorobenzene

Concen: 51.24 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001899.D

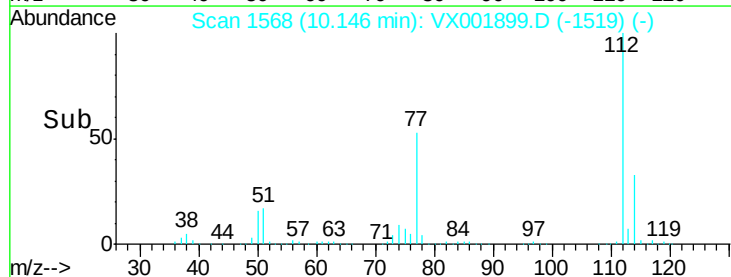
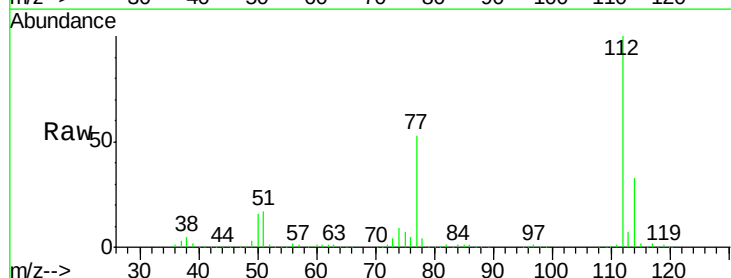
Acq: 22 May 2018 17:50

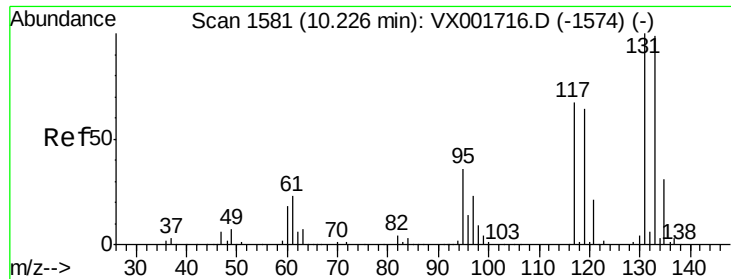
Tgt Ion:112 Resp: 395087

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 56.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

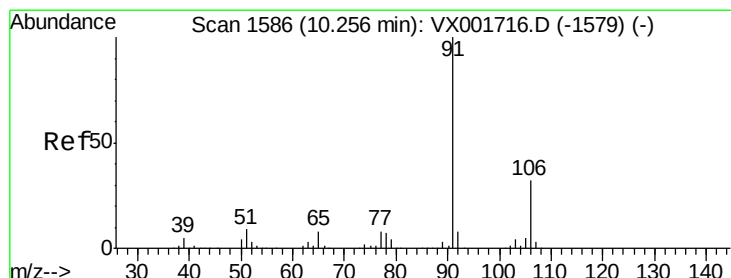
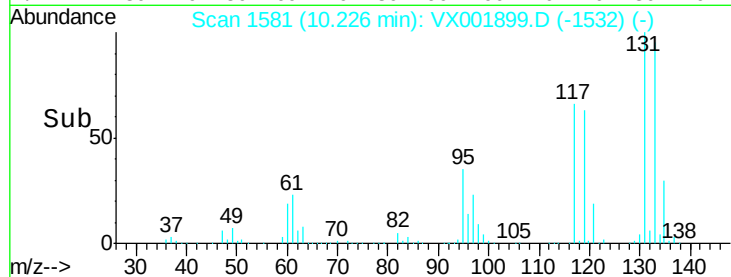
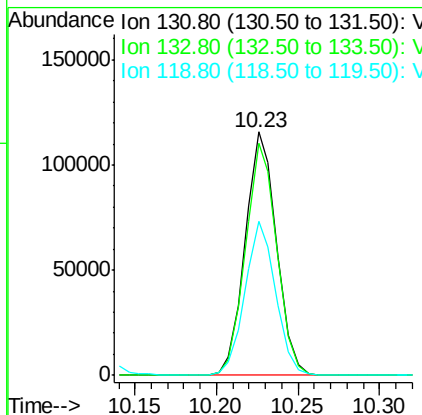
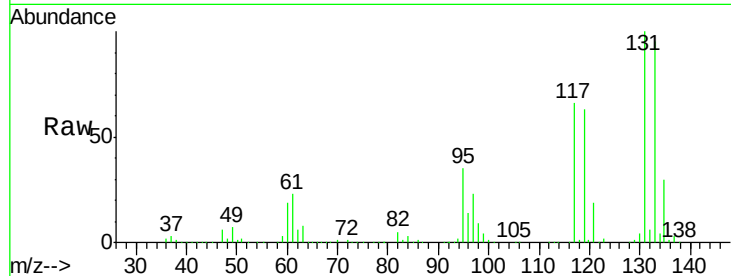
ClientSampleId :

SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	154335		
133	95.2	48.5	145.6	
119	62.2	31.9	95.5	

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#67

Ethyl Benzene

Concen: 52.61 ug/l

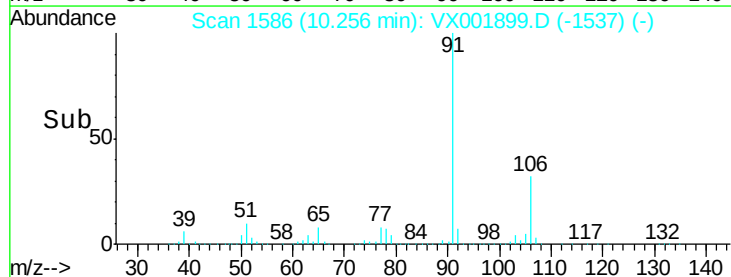
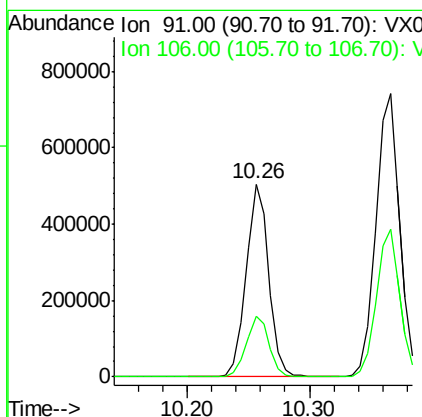
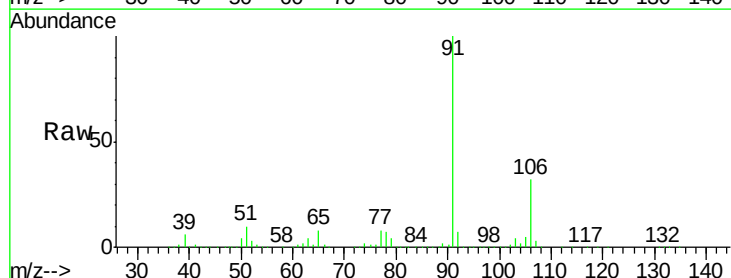
RT: 10.26 min Scan# 1586

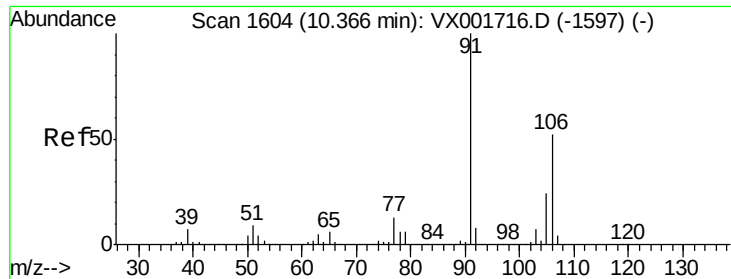
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	648252		
106	31.5	25.7	38.5	





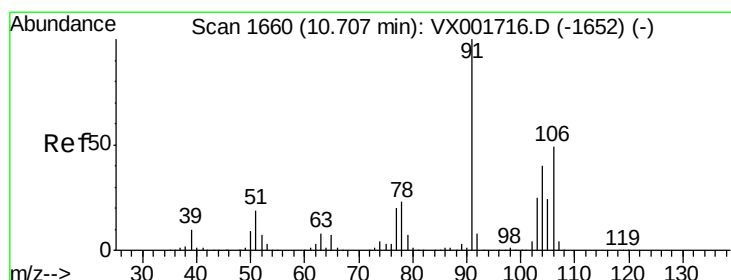
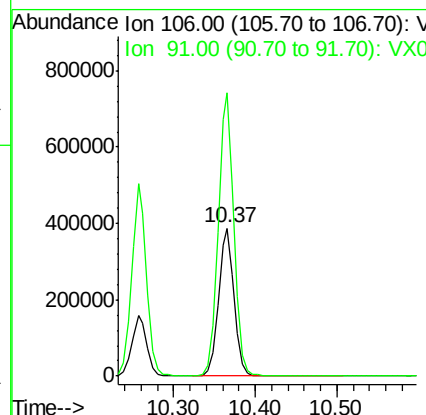
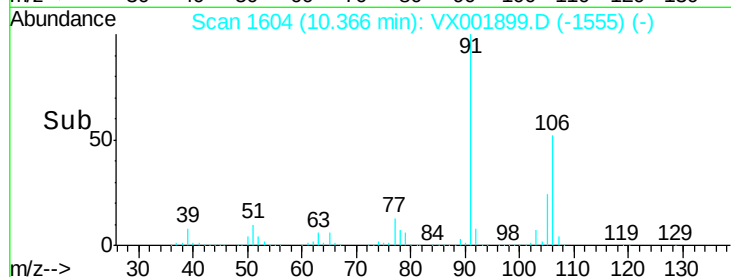
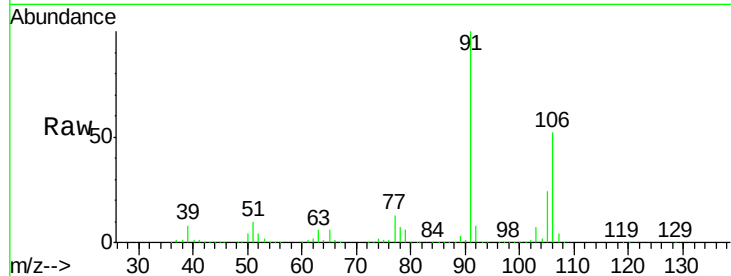
#68
m/p-Xylenes
Concen: 106.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion:106 Resp: 519947
Ion Ratio Lower Upper
106 100
91 194.0 155.4 233.2

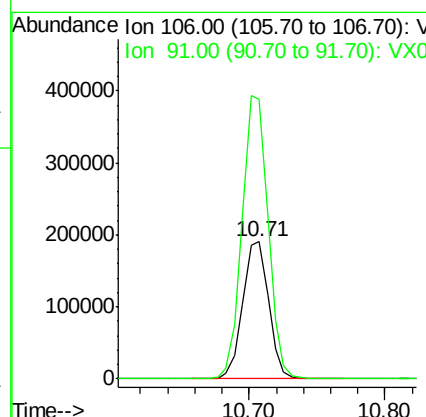
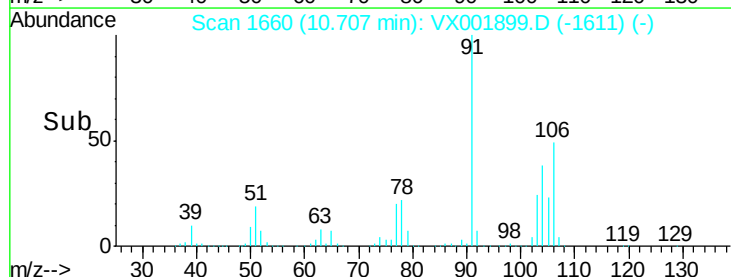
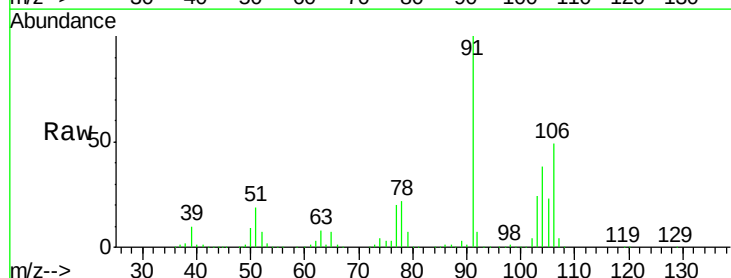
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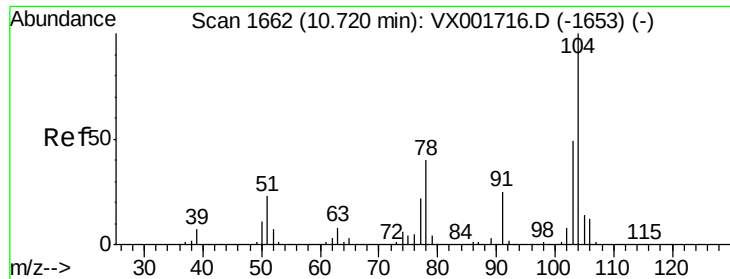
MMDadoda
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#69
o-Xylene
Concen: 54.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion:106 Resp: 253603
Ion Ratio Lower Upper
106 100
91 207.1 103.4 310.2





#70

Stvrene

Concen: 53.08 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

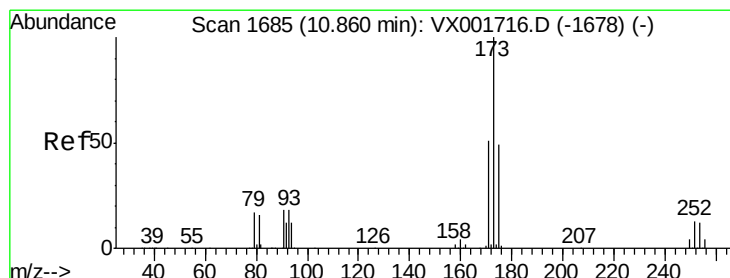
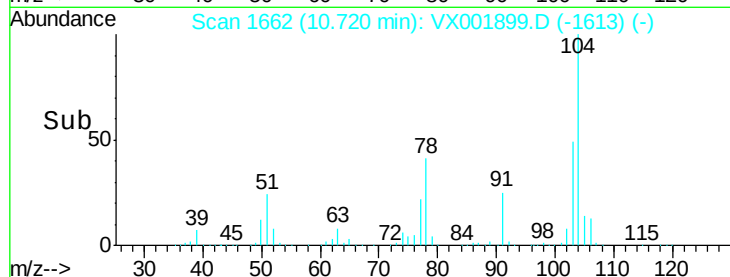
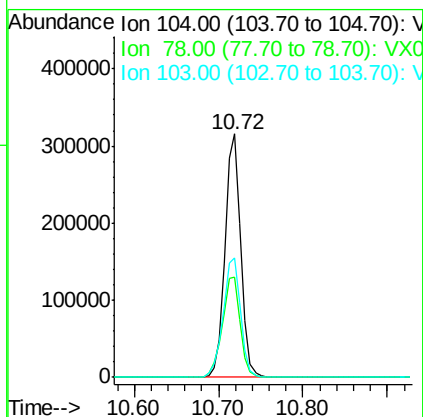
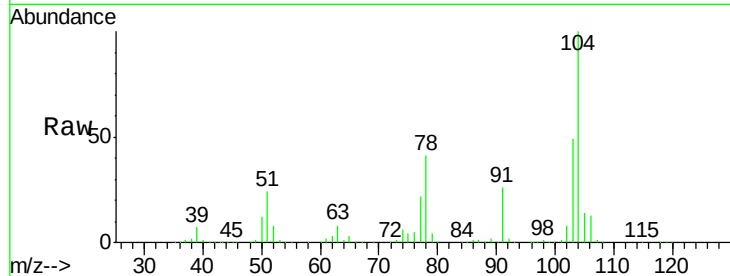
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	104	Resp:	407581
Ion Ratio		Lower	Upper
104	100		
78	47.1	37.3	55.9
103	54.8	43.7	65.5

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#71

Bromoform

Concen: 51.85 ug/l

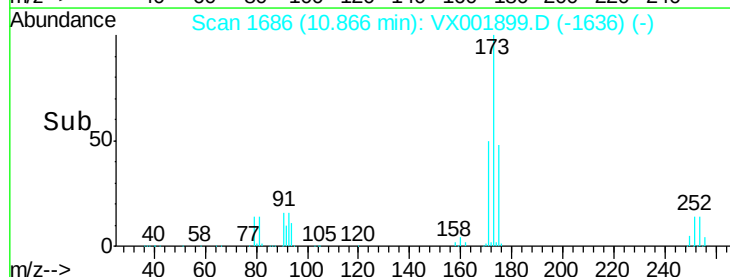
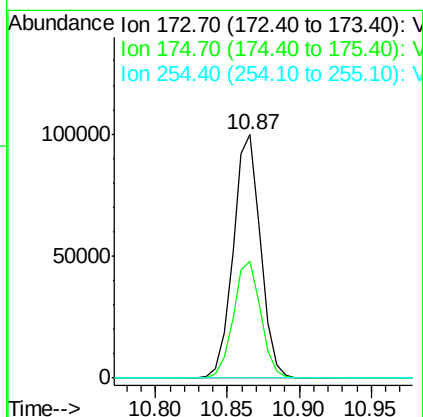
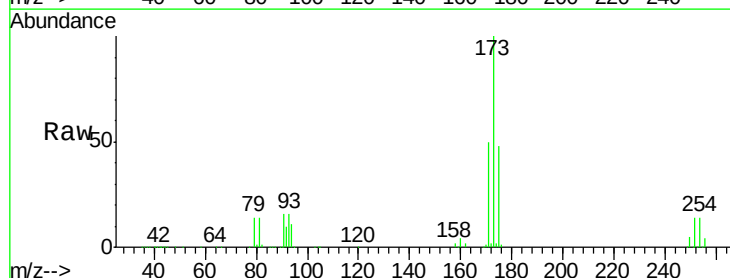
RT: 10.87 min Scan# 1686

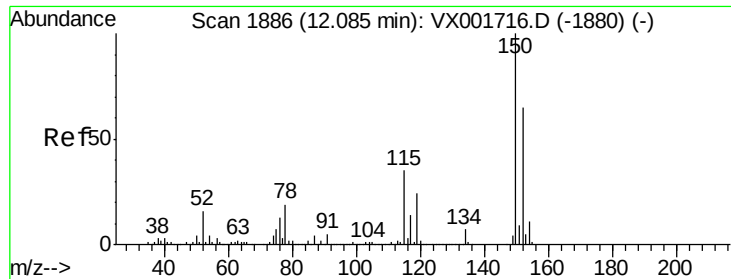
Delta R.T. 0.01 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	173	Resp:	131691
Ion Ratio		Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.2	0.2	0.2





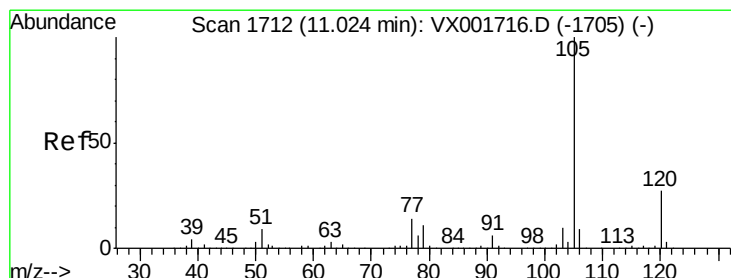
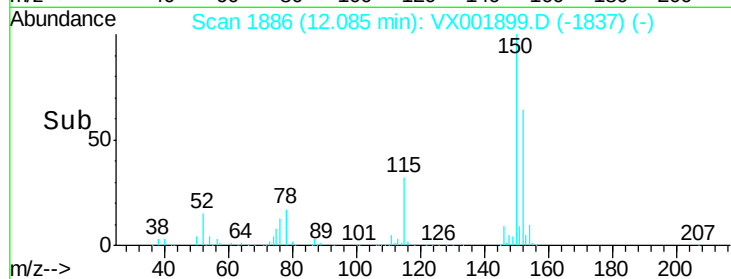
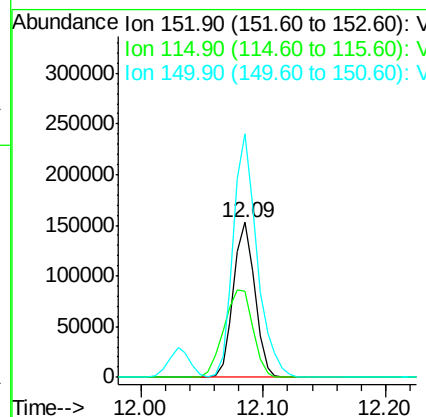
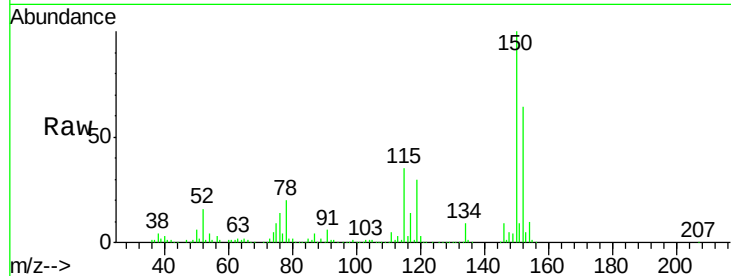
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.3	37.4	112.2
150	175.1	0.0	344.8

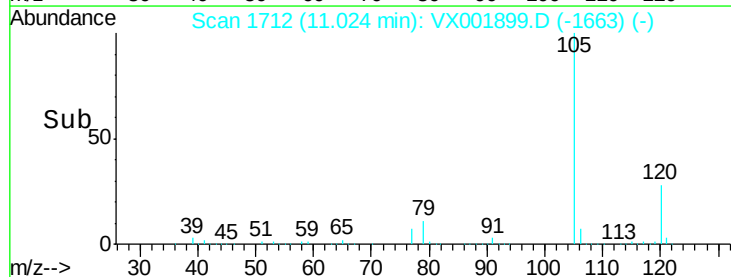
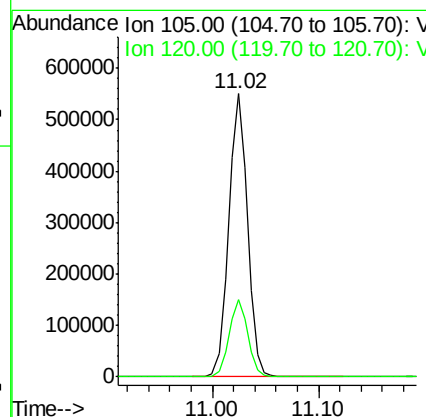
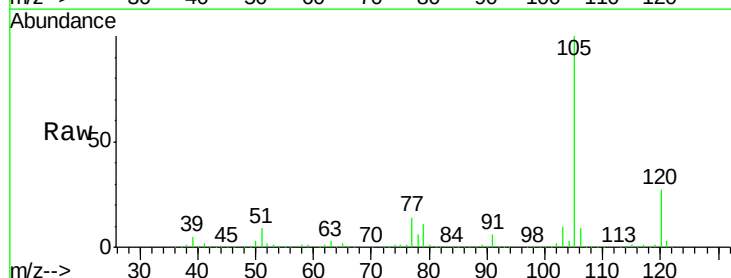
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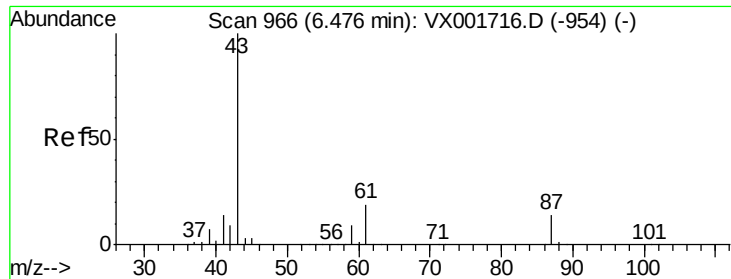
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#73
 Isopropylbenzene
 Concen: 56.13 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3





#74

N-amvl acetate

Concen: 60.49 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

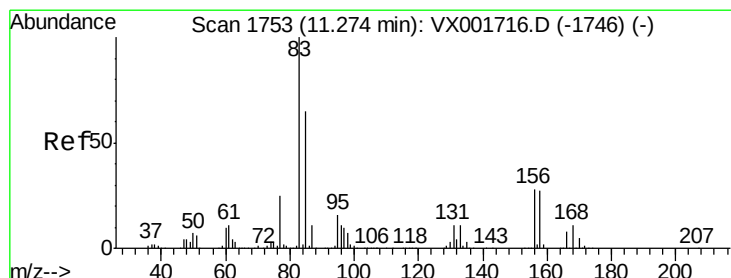
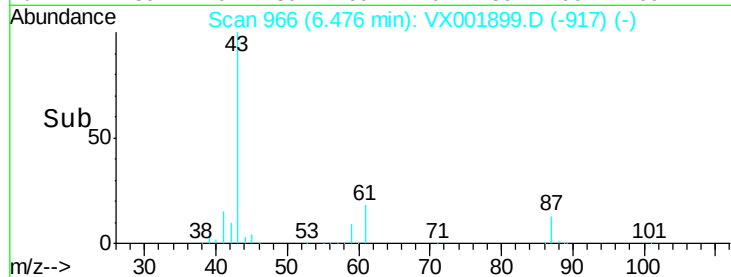
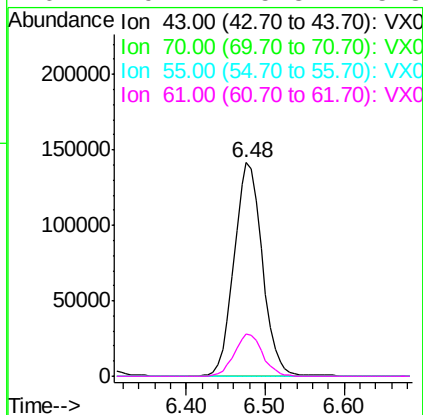
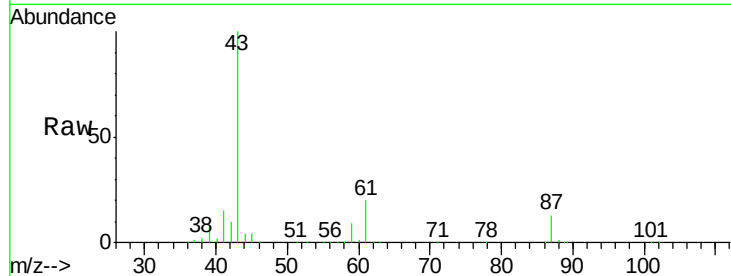
ClientSampleId :

SS036MW004-180515MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		351619		
70	0.0	0.0	0.0		
55	0.1	0.1	0.1		
61	19.7	15.8	23.8		

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#75

1,1,2,2-Tetrachloroethane

Concen: 58.44 ug/l

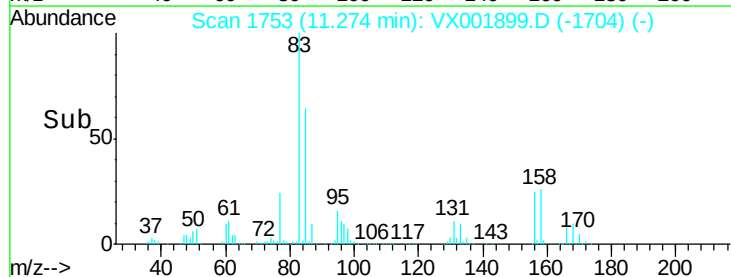
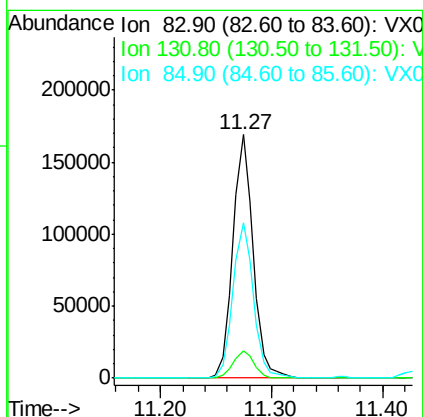
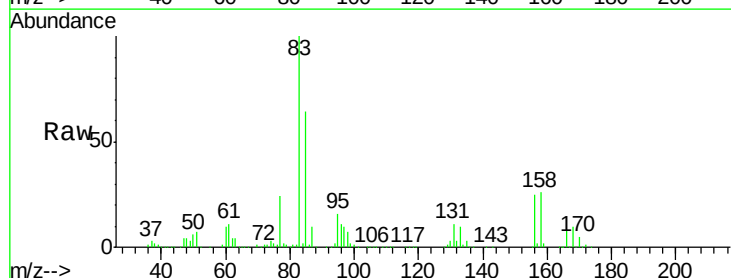
RT: 11.27 min Scan# 1753

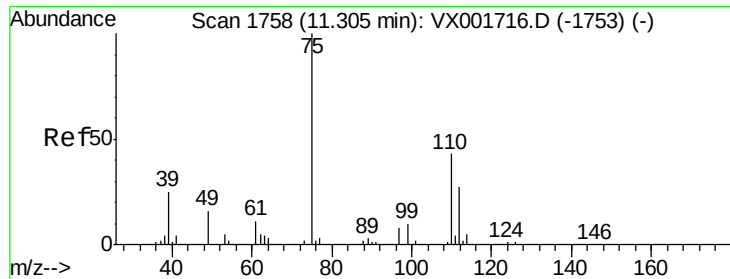
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		212541		
131	11.6	5.7	17.0		
85	65.0	32.7	98.1		





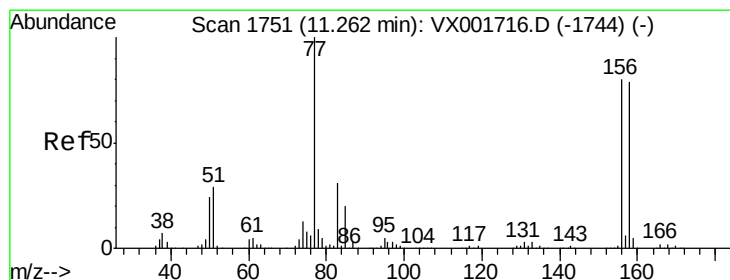
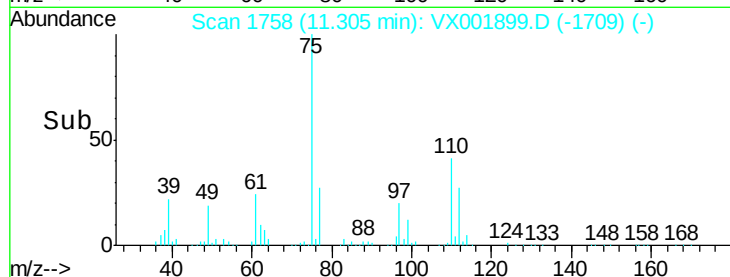
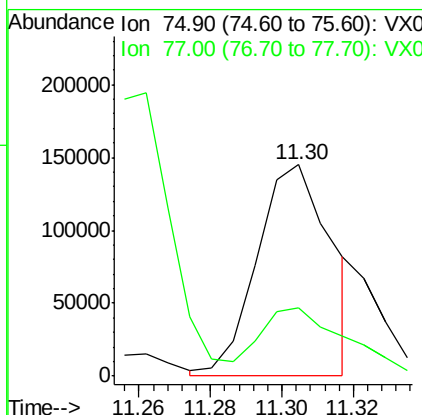
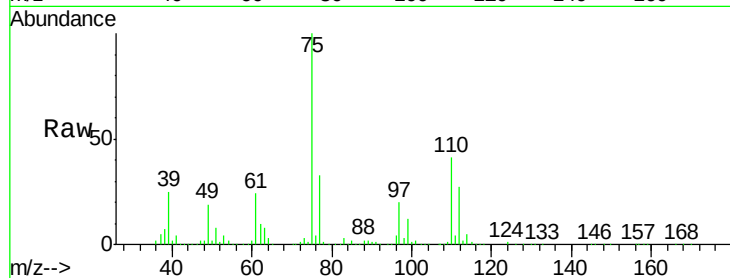
#76
 1,2,3-Trichloropropane
 Concen: 59.80 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion: 75 Resp: 209357
 Ion Ratio Lower Upper
 75 100
 77 37.5 18.9 56.7

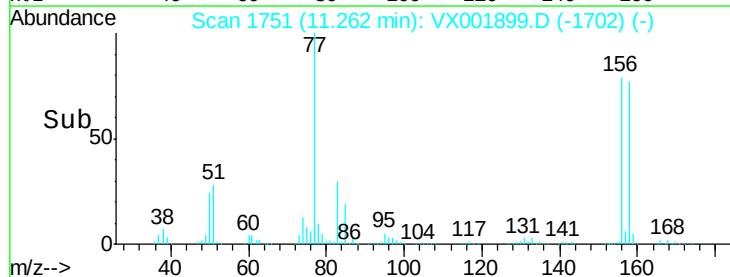
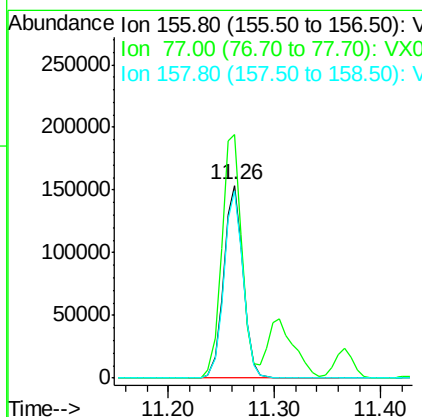
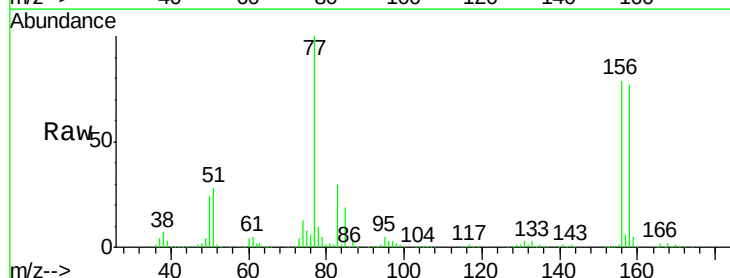
Manual Integrations
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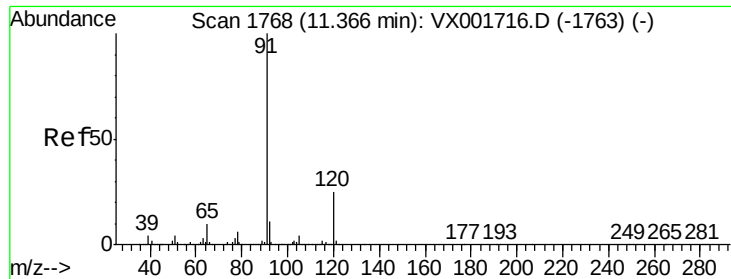
MMDadoda
 5/24/2018 11:47:45 AM



#77
 Bromobenzene
 Concen: 54.59 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 156 Resp: 194488
 Ion Ratio Lower Upper
 156 100
 77 132.4 65.3 196.0
 158 96.9 49.1 147.3





#78

n-propylbenzene

Concen: 54.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515MS

Tot Ion: 91 Resp: 744922

Ion Ratio Lower Upper

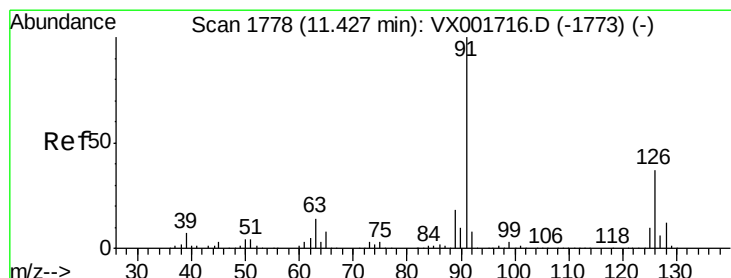
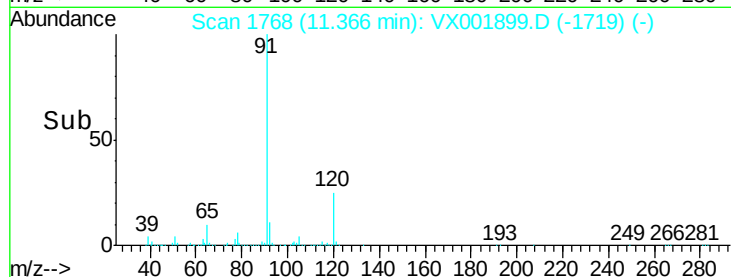
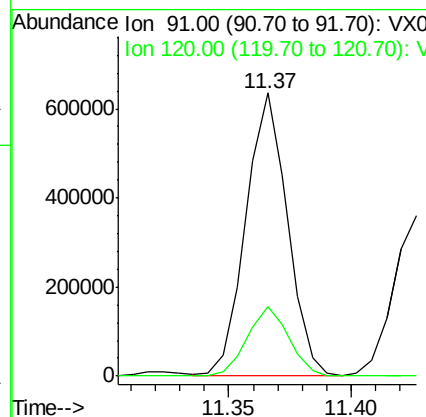
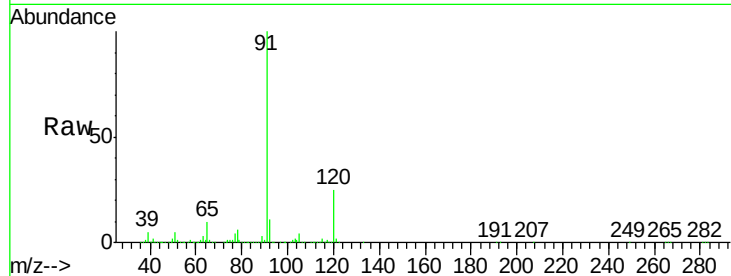
91 100

120 24.7 12.5 37.5

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#79

2-Chlorotoluene

Concen: 55.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001899.D

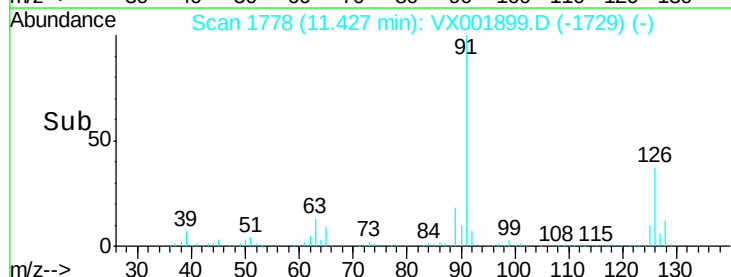
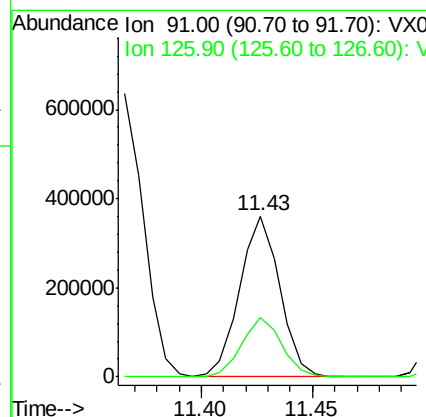
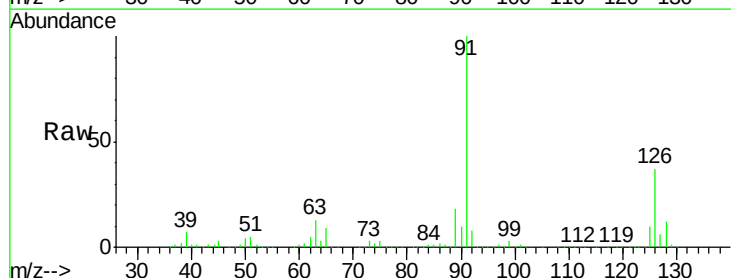
Acq: 22 May 2018 17:50

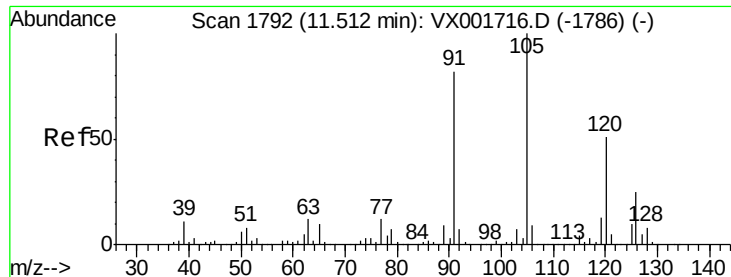
Tgt Ion: 91 Resp: 450069

Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.4





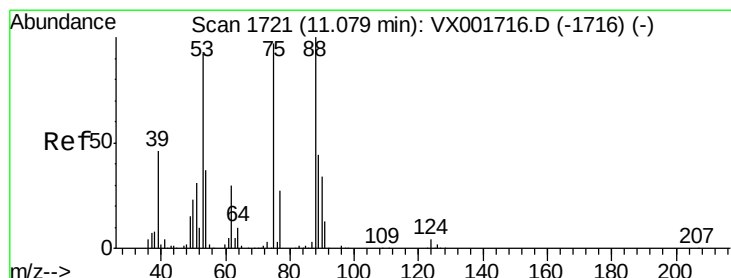
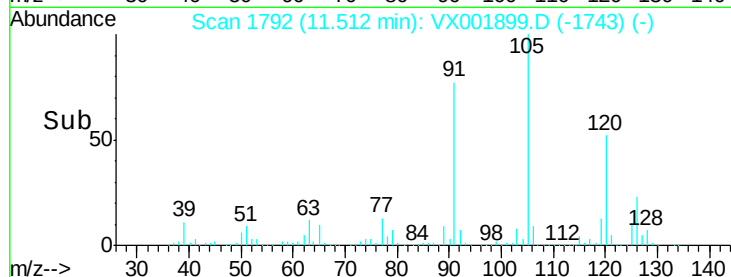
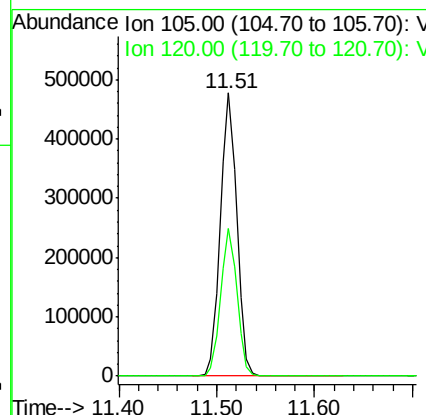
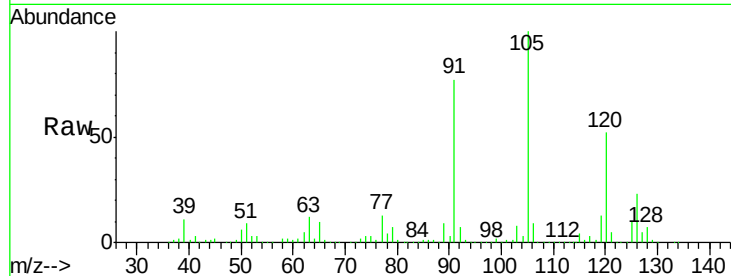
#80
 1,3,5-Trimethylbenzene
 Concen: 56.38 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion:105 Resp: 560777
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.7 77.0

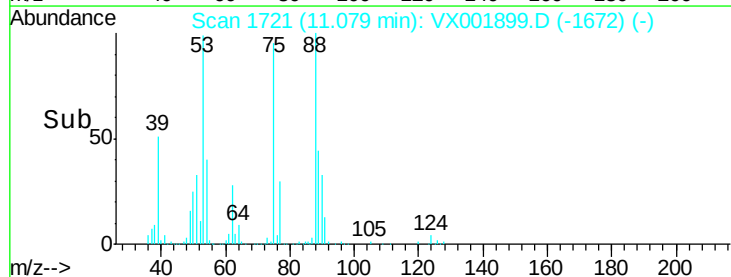
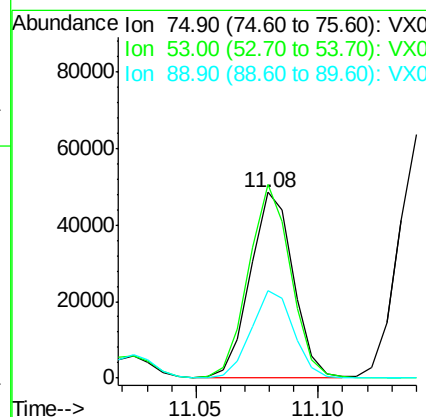
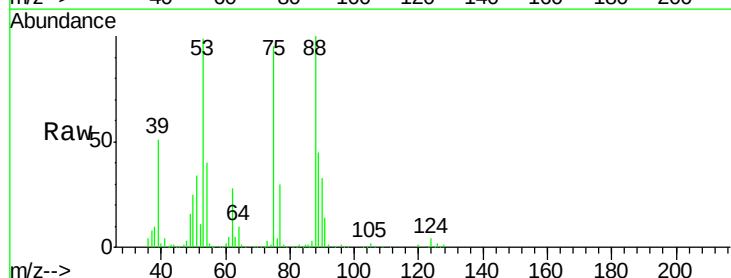
Manual Integrations
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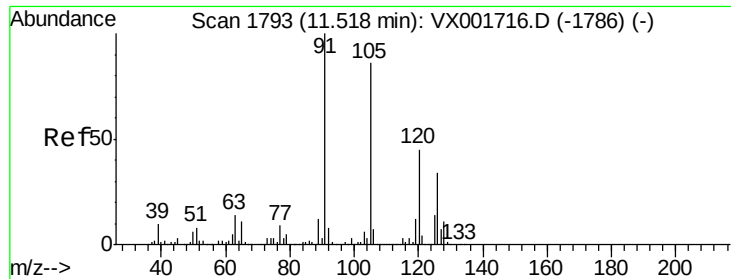
MMDadoda
 5/24/2018 11:47:45 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.45 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion: 75 Resp: 59312
 Ion Ratio Lower Upper
 75 100
 53 101.7 79.4 119.2
 89 47.1 38.8 58.2





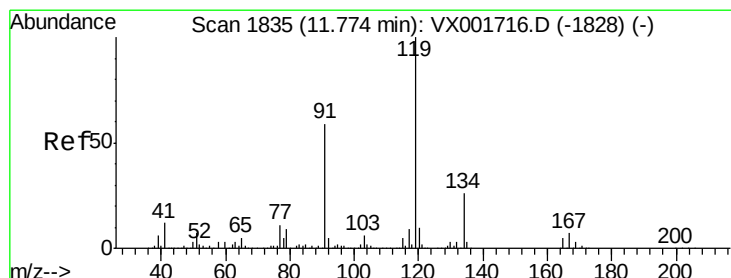
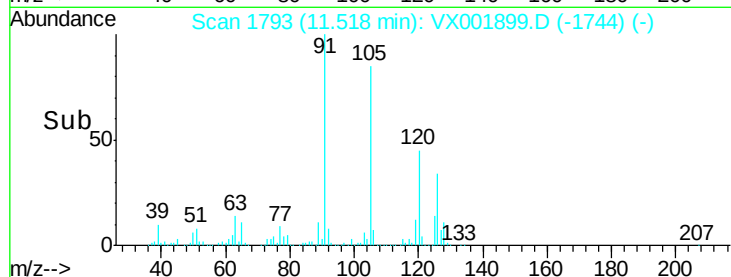
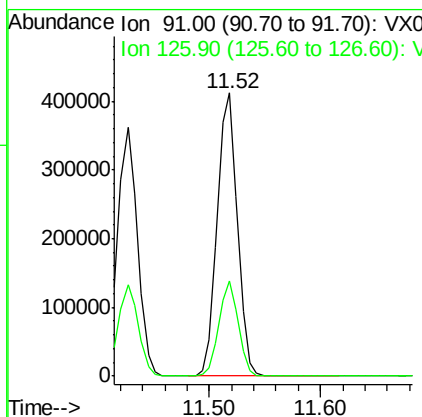
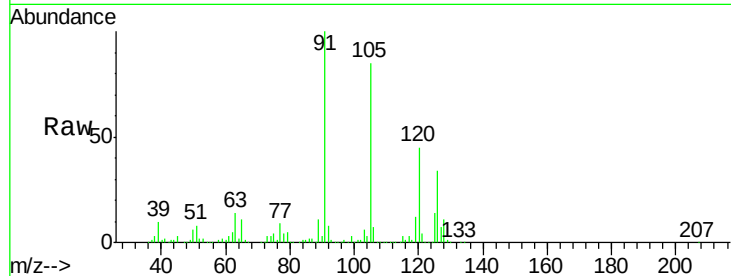
#82
4-Chlorotoluene
Concen: 53.68 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion: 91 Resp: 516595
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

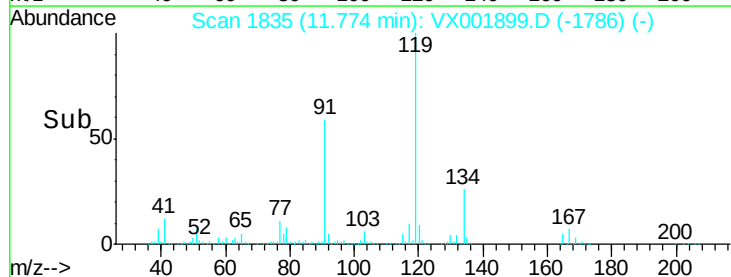
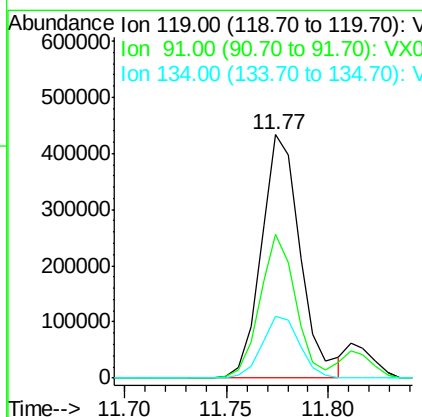
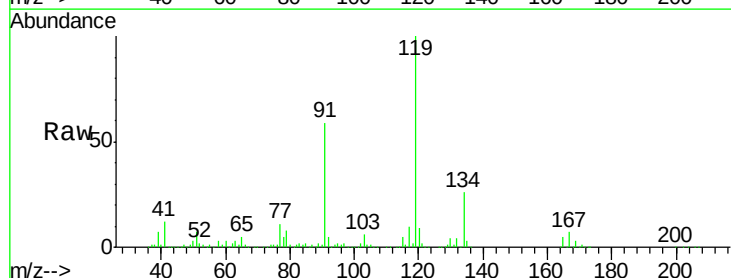
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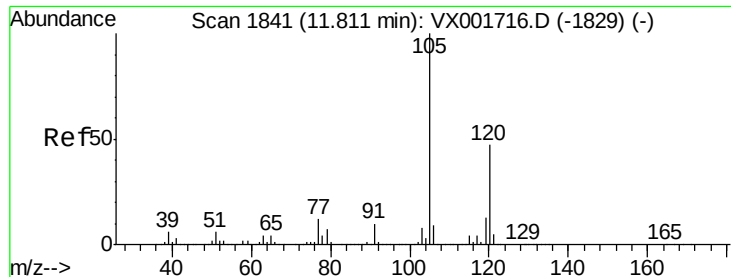
MMDadoda
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#83
tert-Butylbenzene
Concen: 58.13 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion: 119 Resp: 575406
Ion Ratio Lower Upper
119 100
91 53.9 27.7 83.0
134 24.7 12.7 38.1





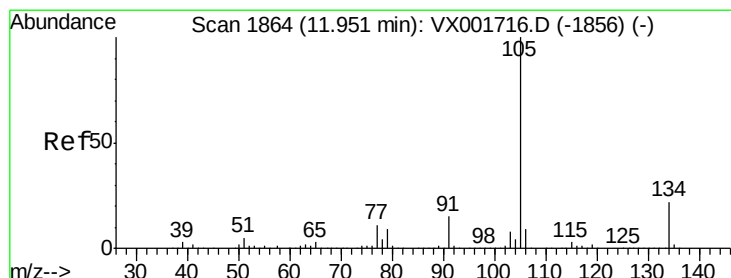
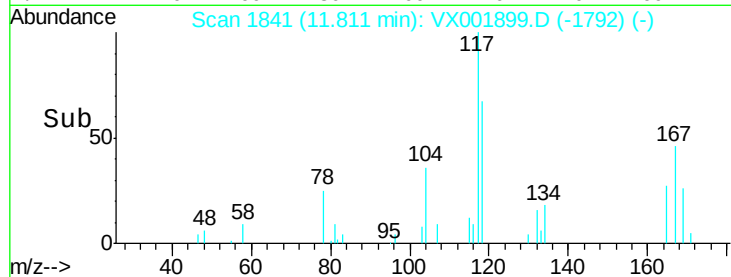
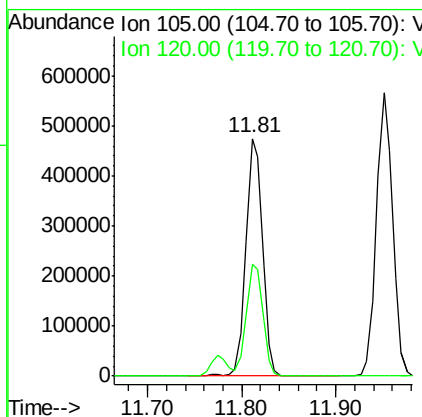
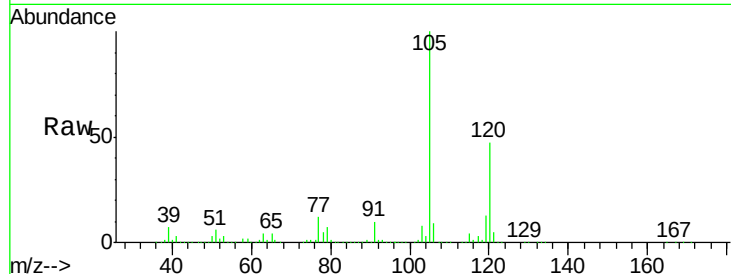
#84
 1,2,4-Trimethylbenzene
 Concen: 56.66 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion:105 Resp: 583624
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.5 70.5

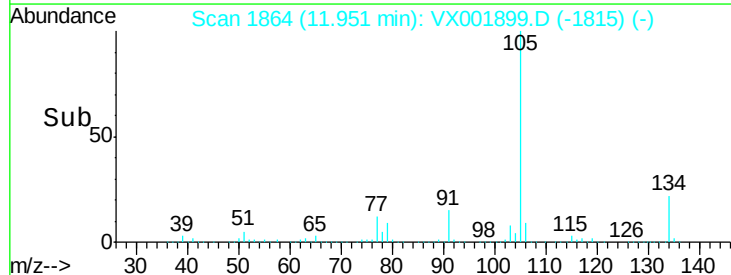
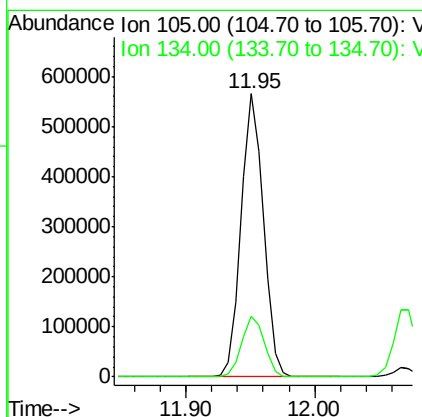
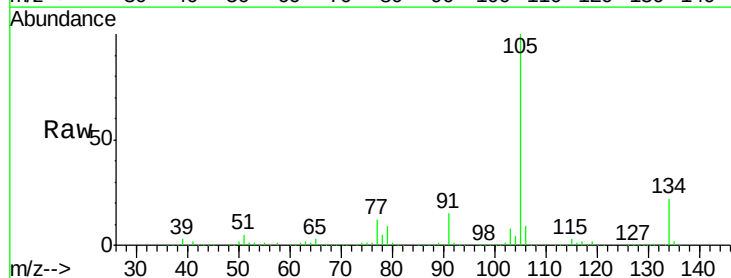
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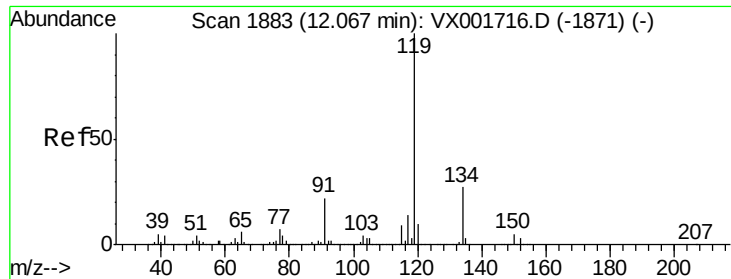
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#85
 sec-Butylbenzene
 Concen: 55.56 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion:105 Resp: 678879
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.6





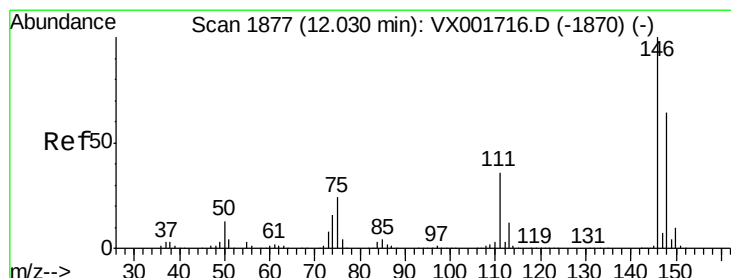
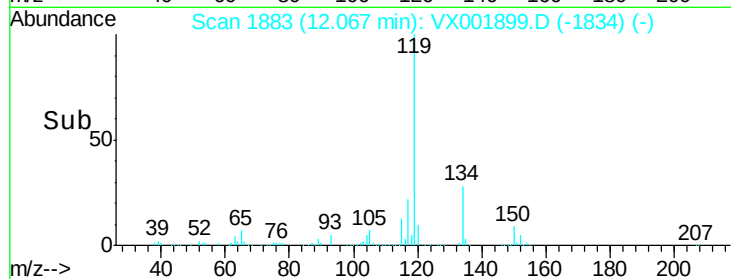
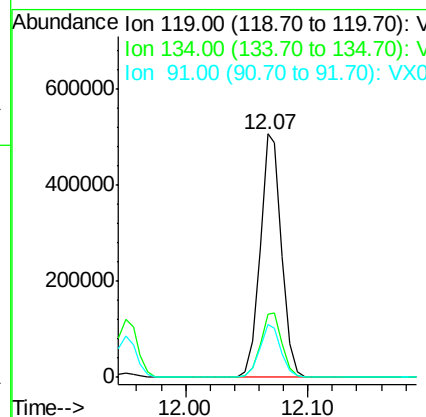
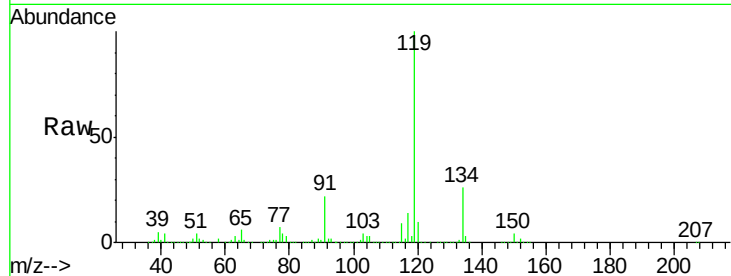
#86
 p-Isopropyltoluene
 Concen: 54.85 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	620153		
134	26.9		13.6	40.8
91	21.5		10.7	32.1

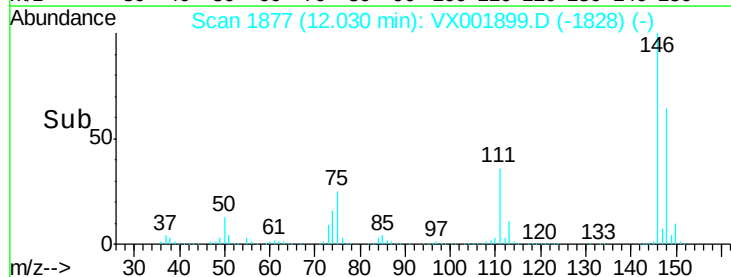
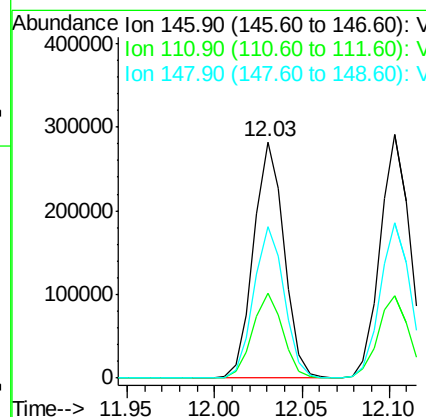
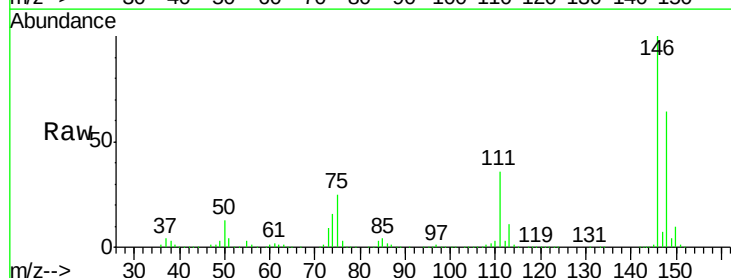
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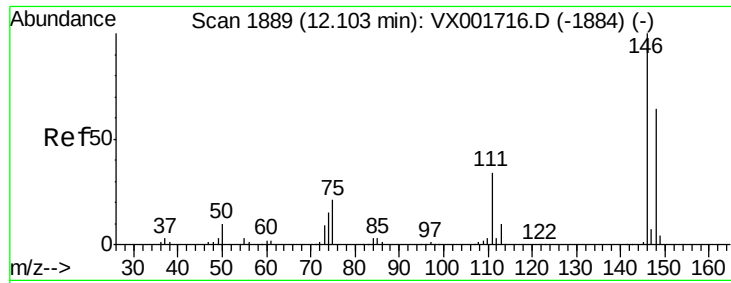
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#87
 1,3-Dichlorobenzene
 Concen: 52.18 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	343811		
111	35.7		17.8	53.4
148	64.2		32.1	96.3





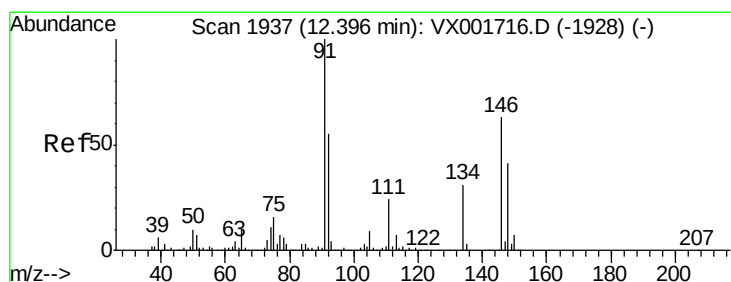
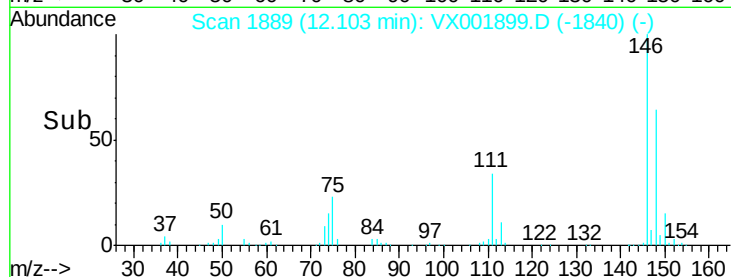
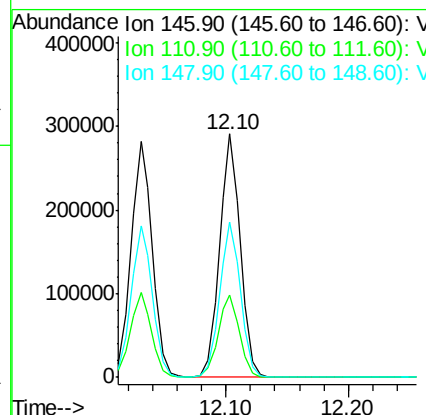
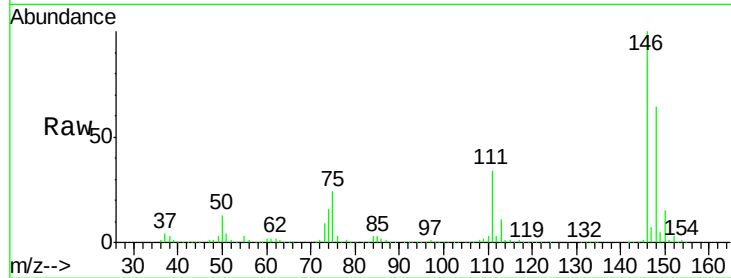
#88
 1,4-Dichlorobenzene
 Concen: 50.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.0	17.3	52.0
148	64.5	32.3	96.9

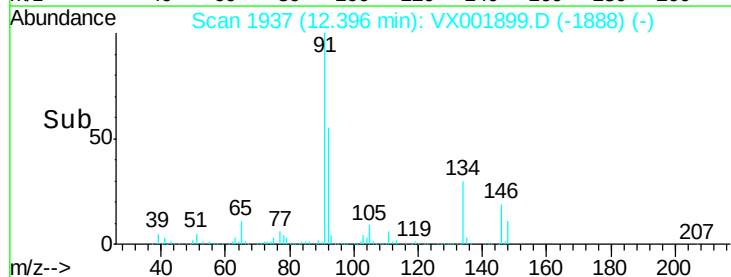
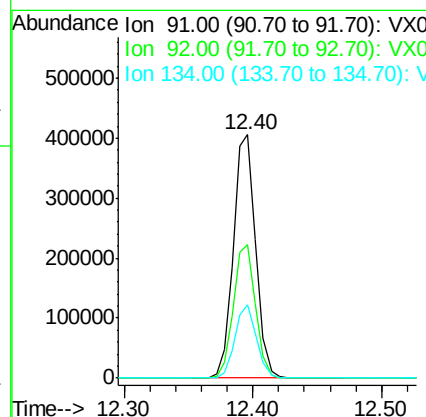
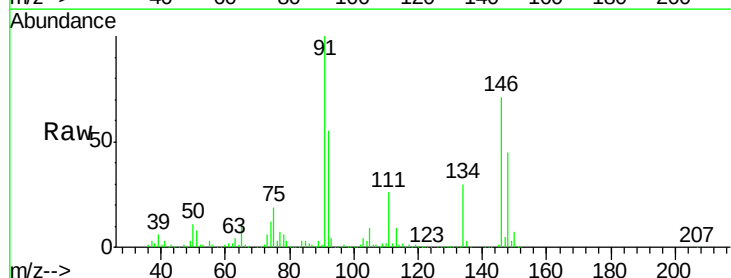
Manual Integrations
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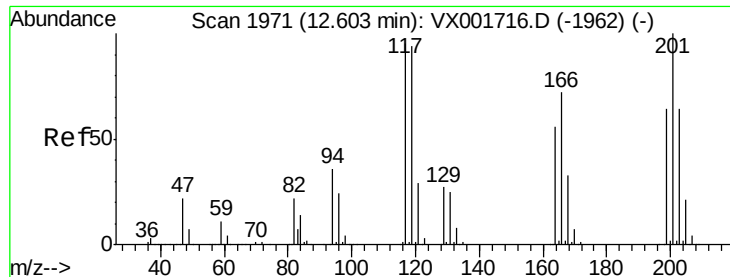
MMDadoda
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#89
 n-Butylbenzene
 Concen: 50.29 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.9
134	29.4	14.7	44.1





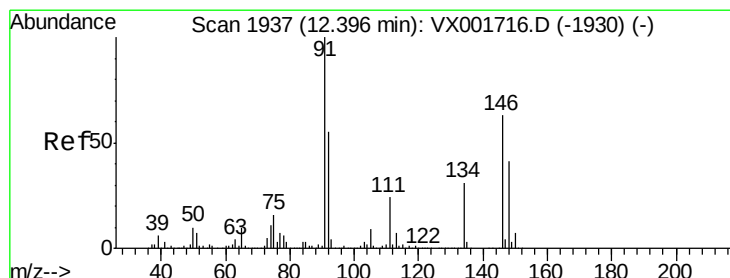
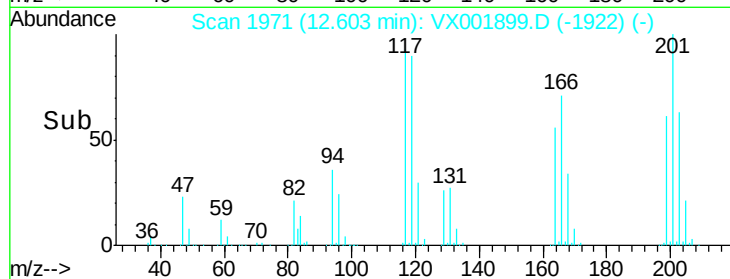
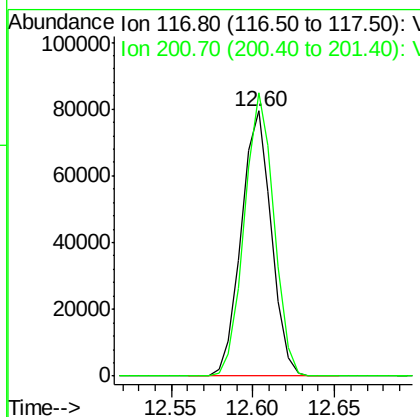
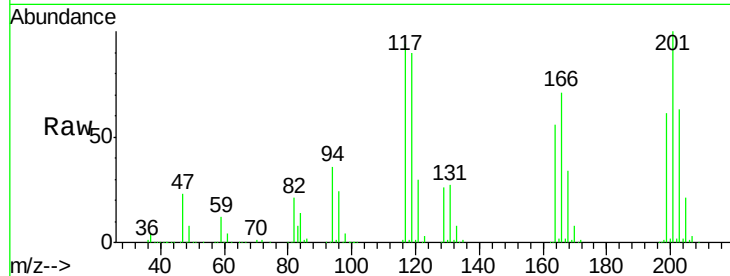
#90
Hexachloroethane
Concen: 58.14 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	102102		
201	105.0	51.9	155.7	

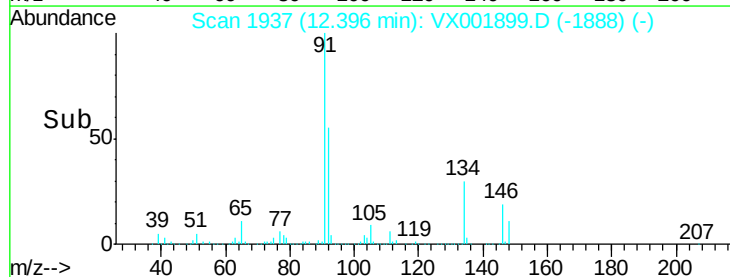
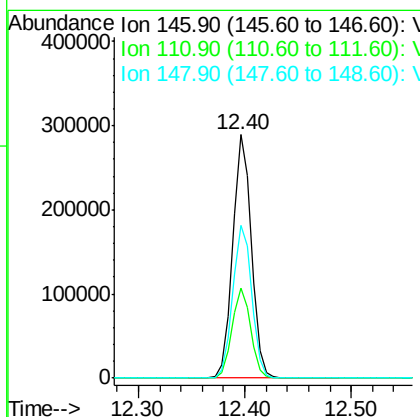
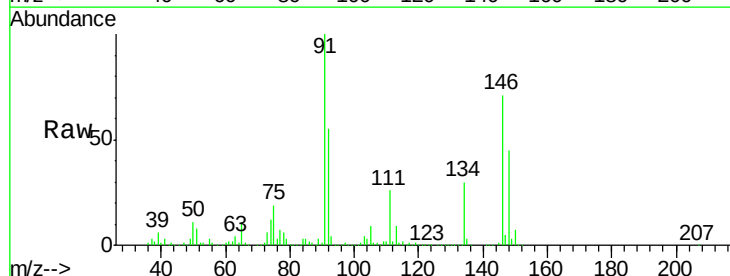
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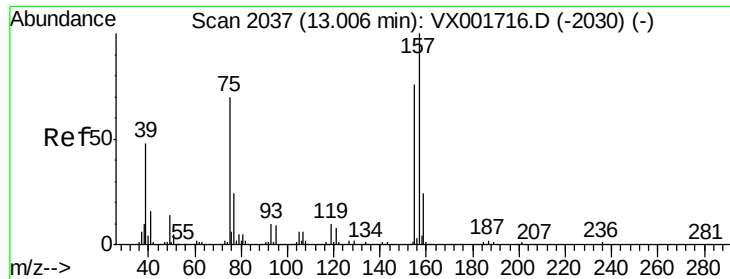
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#91
1,2-Dichlorobenzene
Concen: 54.15 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001899.D
Acq: 22 May 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	355521		
111	37.1	18.6	56.0	
148	64.0	32.4	97.0	





#92

1,2-Dibromo-3-Chloropropane

Concen: 64.05 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

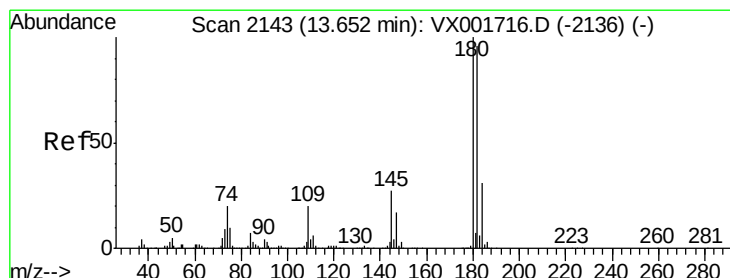
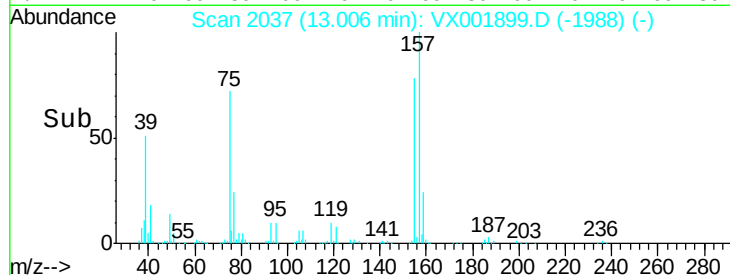
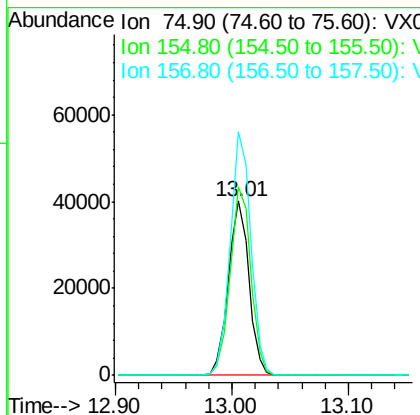
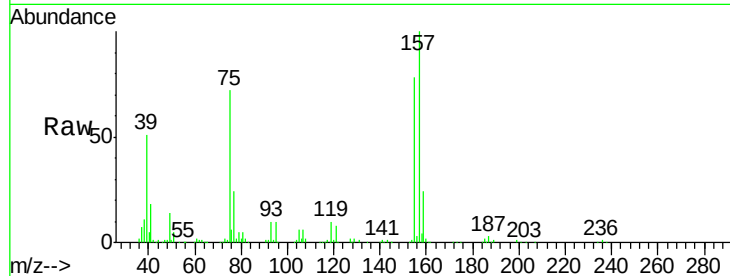
ClientSampleId :

SS036MW004-180515MS

Tot Ion:	75	Resp:	49719
Ion	Ratio	Lower	Upper
75	100		
155	108.8	53.9	161.8
157	139.6	71.0	213.2

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#93

1,2,4-Trichlorobenzene

Concen: 49.51 ug/l

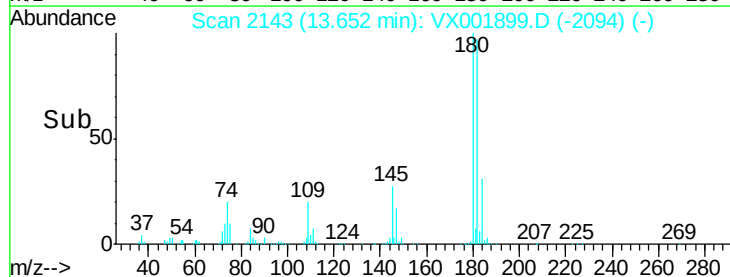
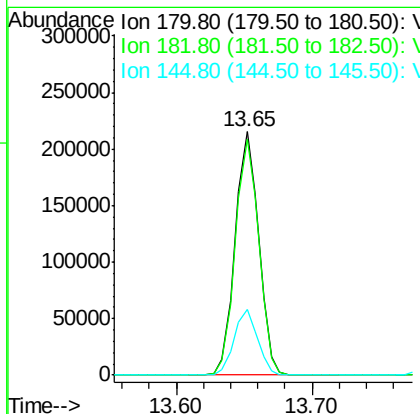
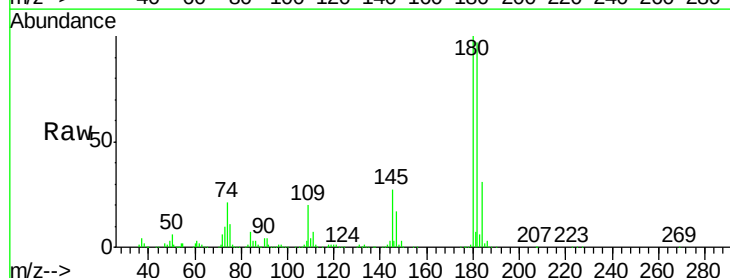
RT: 13.65 min Scan# 2143

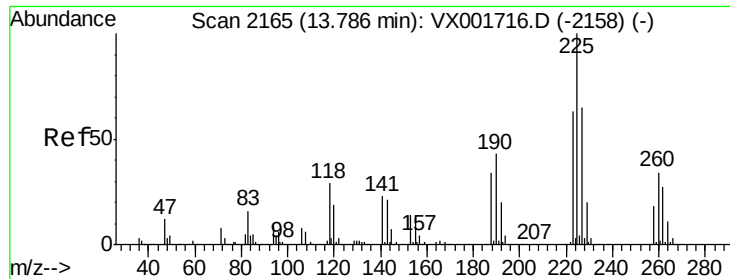
Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	180	Resp:	259081
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.6	142.9
145	26.7	13.4	40.1





#94

Hexachlorobutadiene

Concen: 49.70 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001899.D

Acq: 22 May 2018 17:50

Instrument :

MSVOA_X

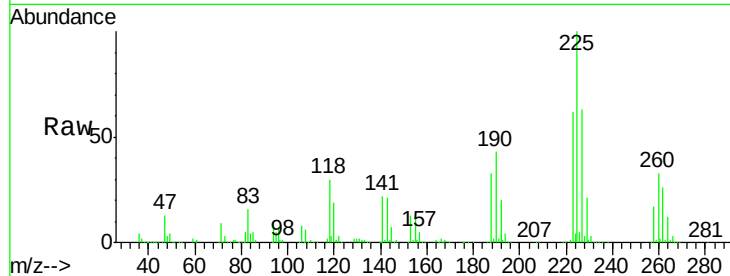
ClientSampleId :

SS036MW004-180515MS

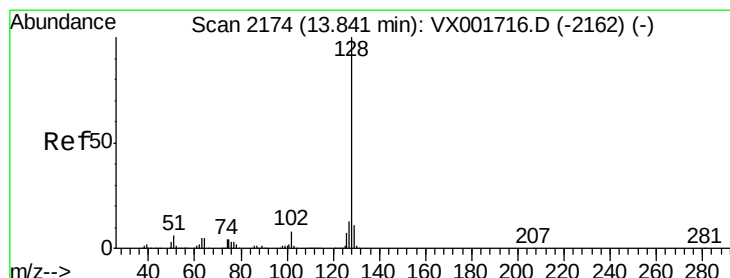
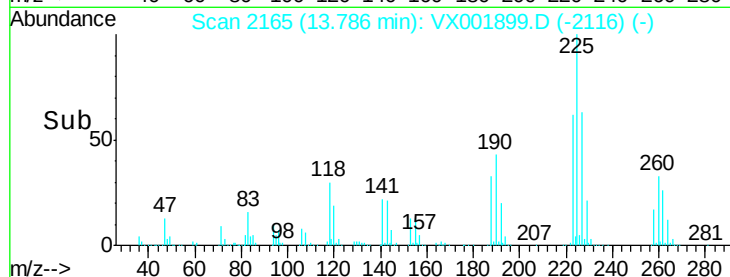
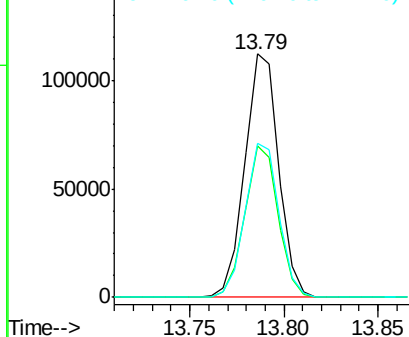
Tot Ion:	225	Resp:	139629
Ion Ratio		Lower	Upper
225	100		
223	61.2	31.1	93.5
227	63.2	31.9	95.5

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



#95

Naphthalene

Concen: 57.63 ug/l

RT: 13.84 min Scan# 2174

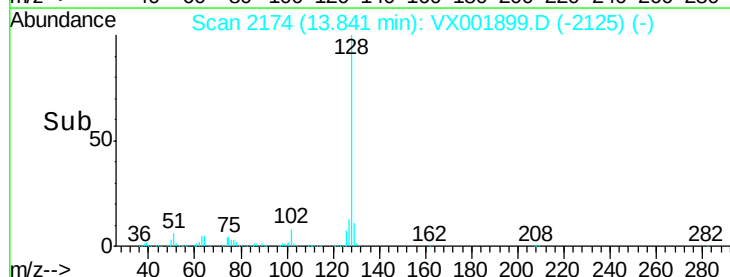
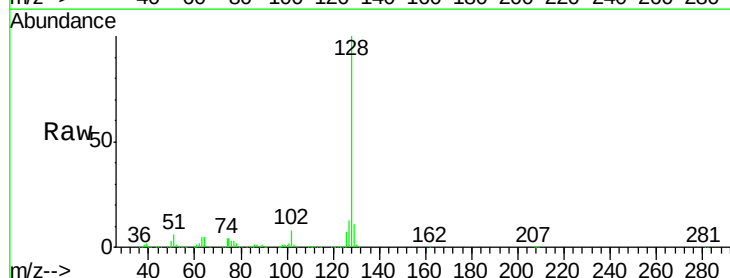
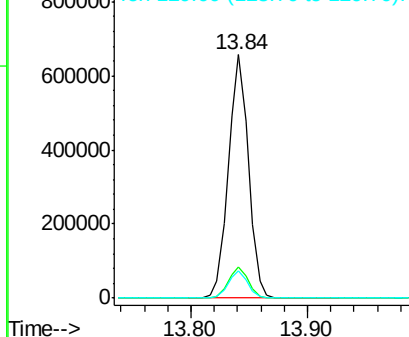
Delta R.T. -0.00 min

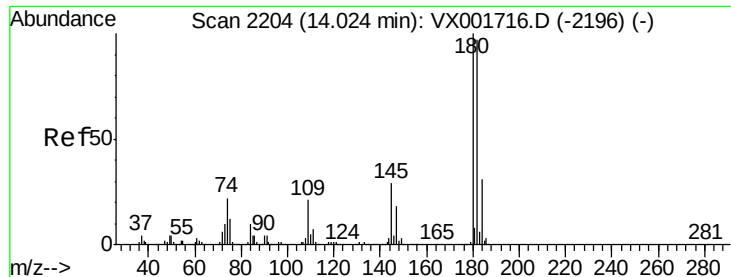
Lab File: VX001899.D

Acq: 22 May 2018 17:50

Tgt Ion:	128	Resp:	783933
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.9	13.3

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





#96
 1,2,3-Trichlorobenzene
 Concen: 52.46 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX001899.D
 Acq: 22 May 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	276412		
182	95.9		47.9	143.7
145	28.4		14.2	42.8

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:45 AM

