

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001802.D
 Acq On : 17 May 2018 20:27
 Operator : JC/MD
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 12:52:51 PM

Quant Time: May 18 04:58:54 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	271411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	179710	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	157305	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	8.72	98	584342	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	183955	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54982	20.19	ug/l	99
3) Chloromethane	1.32	50	62770	21.33	ug/l	100
4) Vinyl Chloride	1.40	62	66485	20.90	ug/l	99
5) Bromomethane	1.64	94	33715	23.50	ug/l	97
6) Chloroethane	1.72	64	43939	21.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	96666	20.91	ug/l	99
8) Diethyl Ether	2.19	74	41341	21.73	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59149	21.26	ug/l	98
10) Methyl Iodide	2.51	142	63272	24.71	ug/l	100
11) Tert butyl alcohol	3.08	59	81929	126.85	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55729	20.77	ug/l	100
13) Acrolein	2.30	56	42983	93.83	ug/l	99
14) Allyl chloride	2.73	41	106694	21.52	ug/l	97
15) Acrylonitrile	3.15	53	193136	119.06	ug/l	100
16) Acetone	2.45	43	169726	118.78	ug/l	97
17) Carbon Disulfide	2.57	76	125655	17.96	ug/l	96
18) Methyl Acetate	2.78	43	106155	25.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	196477	21.73	ug/l	99
20) Methylene Chloride	2.86	84	65601	21.45	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	60222	20.38	ug/l	96
22) Diisopropyl ether	3.88	45	205636	21.62	ug/l	98
23) Vinyl Acetate	3.83	43	689764	100.64	ug/l	100
24) 1,1-Dichloroethane	3.70	63	113901	21.83	ug/l	100
25) 2-Butanone	4.72	43	269174	123.05	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75974	18.09	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	70995	21.11	ug/l	100
28) Bromochloromethane	5.03	49	54792	23.64	ug/l	99
29) Tetrahydrofuran	5.18	42	172288	120.82	ug/l	99
30) Chloroform	5.22	83	121535	22.18	ug/l	99
31) Cyclohexane	5.58	56	96067	21.01	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103059	21.76	ug/l	99
36) 1,1-Dichloropropene	5.81	75	82655	20.32	ug/l	99
37) Ethyl Acetate	4.87	43	99968	23.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	91145	21.39	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	7.47	83	97606	20.53	ug/l	99
40) Benzene	6.15	78	263342	21.97	ug/l	98
41) Methacrylonitrile	5.07	41	56052	22.86	ug/l	98
42) 1,2-Dichloroethane	6.21	62	93550	21.58	ug/l	100
43) Isopropyl Acetate	6.48	43	145027	21.86	ug/l	99
44) Trichloroethene	7.22	130	80791	21.72	ug/l	96
45) 1,2-Dichloropropane	7.52	63	67266	22.87	ug/l	98
46) Dibromomethane	7.67	93	45383	21.97	ug/l	99
47) Bromodichloromethane	7.90	83	85197	22.23	ug/l	96
48) Methyl methacrylate	7.79	41	77482	22.18	ug/l	99
49) 1,4-Dioxane	7.77	88	36460	542.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	514277	122.30	ug/l	100
52) Toluene	8.79	92	169797	22.05	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	95280	21.13	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74047	18.63	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	64154	21.79	ug/l	98
56) Ethyl methacrylate	9.19	69	85402	20.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	103221	20.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	248453	115.69	ug/l	100
59) 2-Hexanone	9.51	43	352103	116.97	ug/l	99
60) Dibromochloromethane	9.59	129	63610	21.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66631	21.62	ug/l	97
64) Tetrachloroethene	9.34	164	86982	22.77	ug/l	97
65) Chlorobenzene	10.15	112	172154	21.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64892	22.76	ug/l	98
67) Ethyl Benzene	10.26	91	277129	21.49	ug/l	98
68) m/p-Xylenes	10.37	106	221589	43.54	ug/l	98
69) o-Xylene	10.71	106	108025	22.16	ug/l	99
70) Styrene	10.72	104	177051	22.03	ug/l	100
71) Bromoform	10.87	173	50929	21.00	ug/l #	99
73) Isopropylbenzene	11.02	105	291550	23.59	ug/l	99
74) N-amyl acetate	6.48	43	145027	24.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88201	23.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86694m	24.30	ug/l	
77) Bromobenzene	11.26	156	83220	22.92	ug/l	100
78) n-propylbenzene	11.37	91	313990	22.55	ug/l	100
79) 2-Chlorotoluene	11.43	91	190478	22.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239704	23.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20870	19.58	ug/l	89
82) 4-Chlorotoluene	11.52	91	216513	22.07	ug/l	99
83) tert-Butylbenzene	11.77	119	233790	23.17	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	248559	23.67	ug/l	100
85) sec-Butylbenzene	11.95	105	285226	22.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	259356	22.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	146168	21.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146939	21.16	ug/l	100
89) n-Butylbenzene	12.39	91	195106	19.57	ug/l	100
90) Hexachloroethane	12.60	117	40842	22.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	151449	22.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19373	24.48	ug/l	99

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

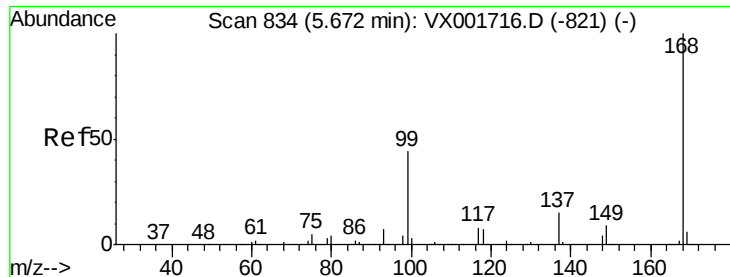
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104864	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	58790	20.53	ug/l	99
95) Naphthalene	13.84	128	310843	22.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112433	20.93	ug/l	99

(#) = 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: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

VX0517WBSD01

Tot Ion:168 Resp: 271411

Ion Ratio Lower Upper

168 100

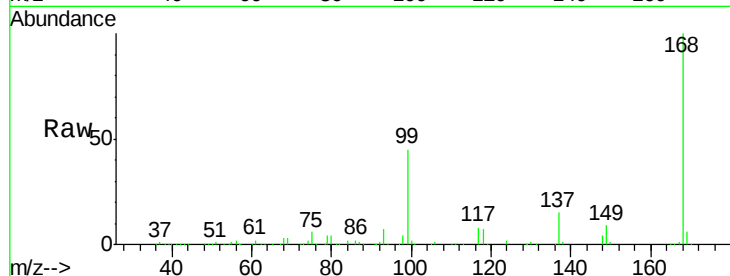
99 45.0 35.0 52.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

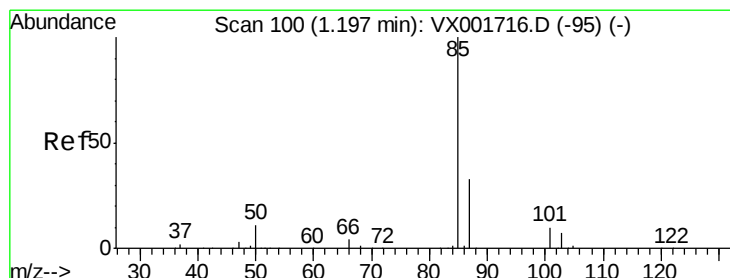
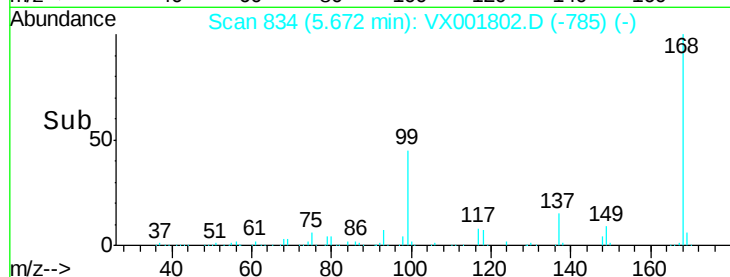
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001802.D

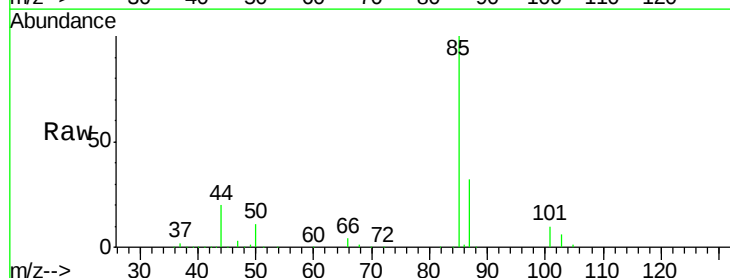
Acq: 17 May 2018 20:27

Tgt Ion: 85 Resp: 54982

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

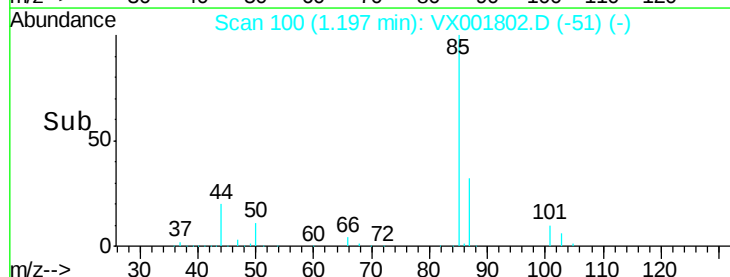
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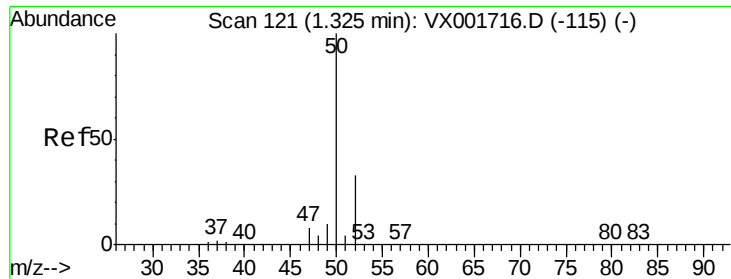
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 50 Resp: 62770

Ion Ratio Lower Upper

50 100

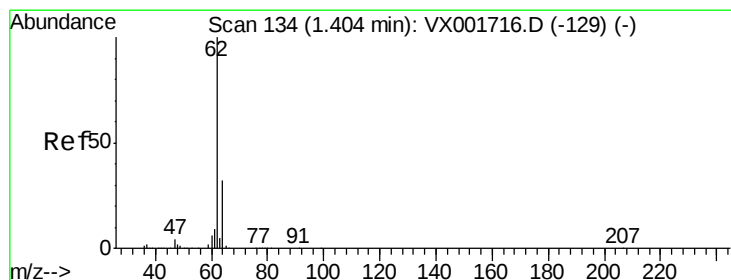
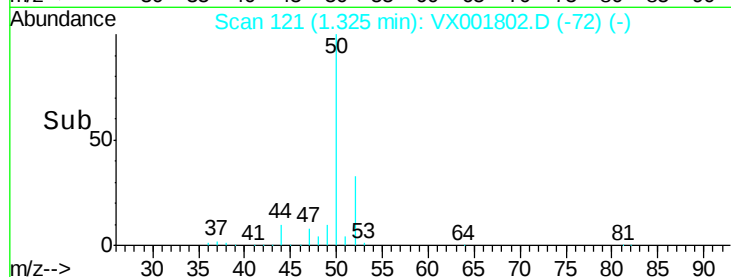
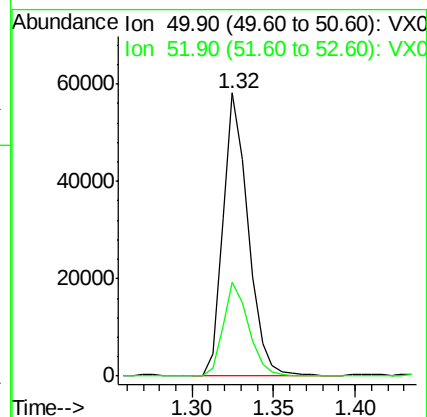
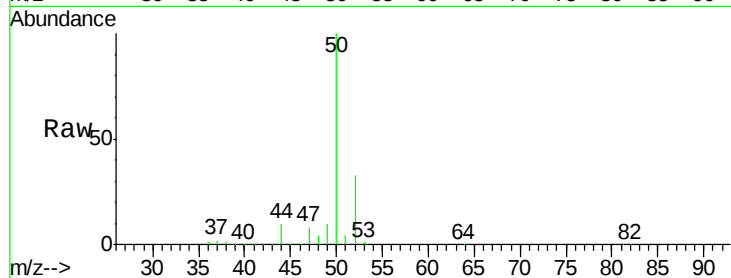
52 33.1 26.3 39.5

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#4

Vinyl Chloride

Concen: 20.90 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001802.D

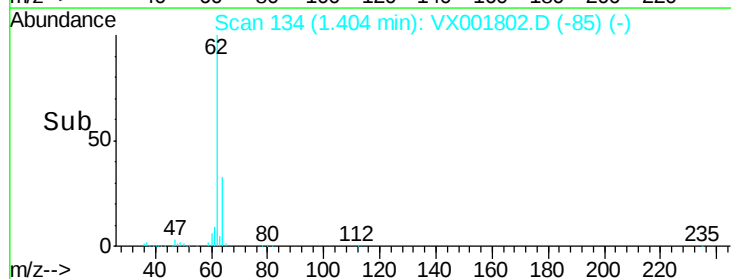
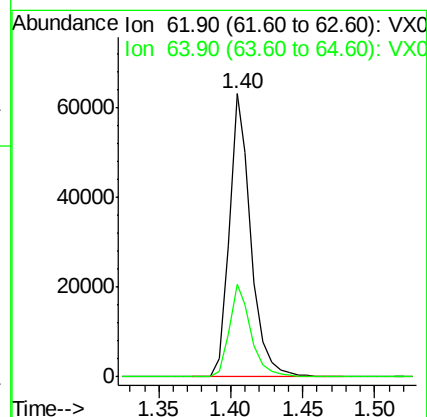
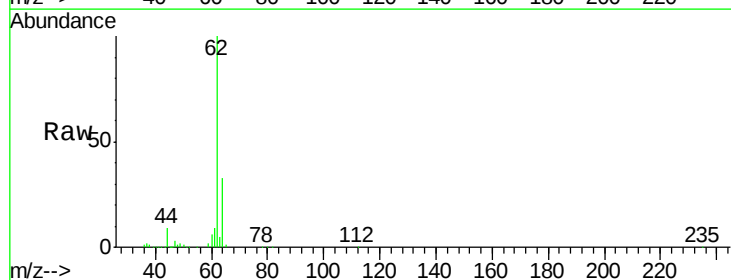
Acq: 17 May 2018 20:27

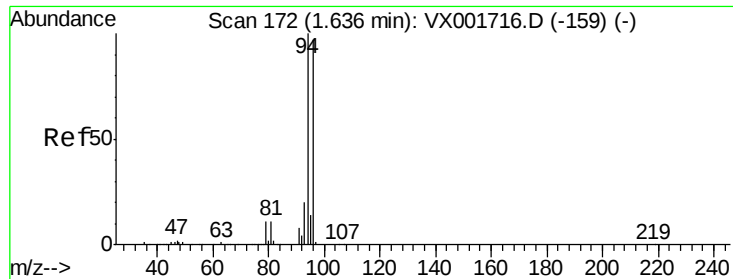
Tgt Ion: 62 Resp: 66485

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 23.50 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 94 Resp: 33715

Ion Ratio Lower Upper

94 100

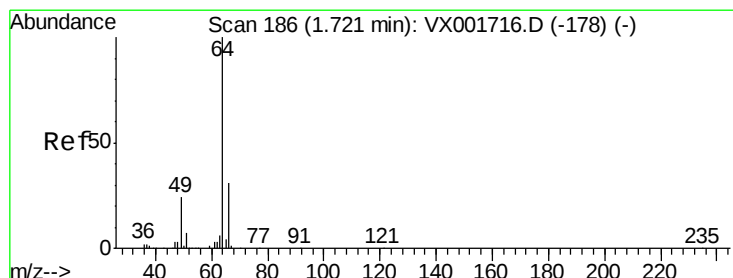
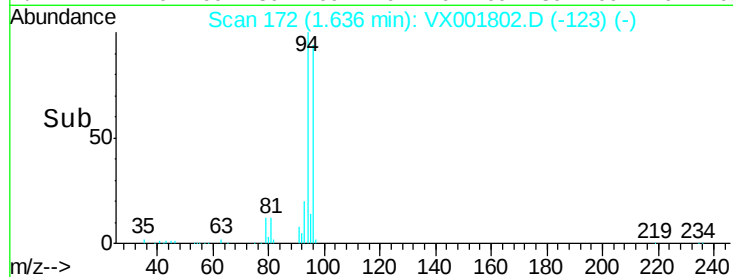
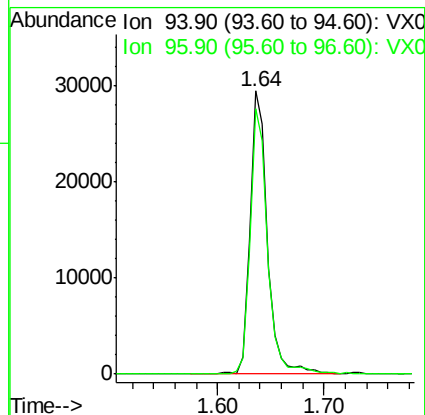
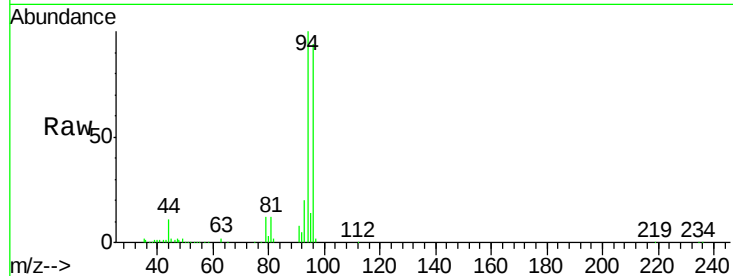
96 93.6 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 21.93 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001802.D

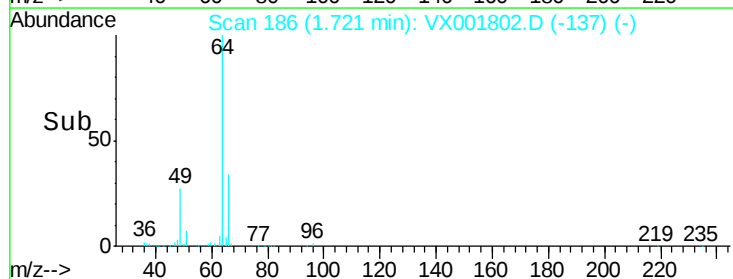
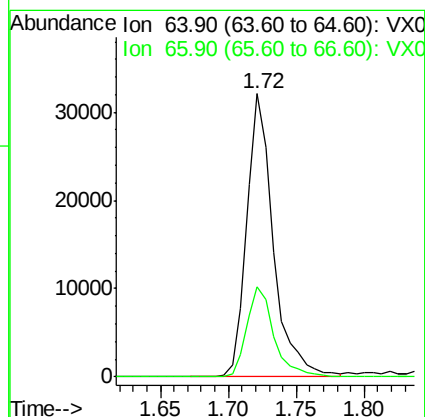
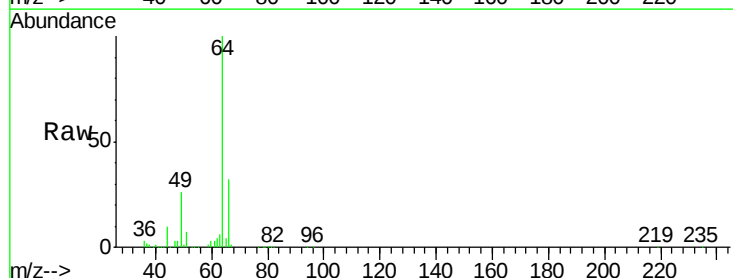
Acq: 17 May 2018 20:27

Tgt Ion: 64 Resp: 43939

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8





#7

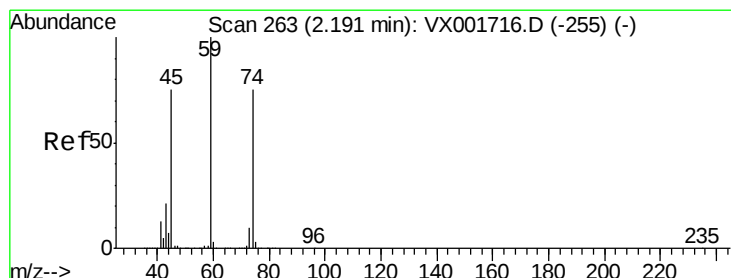
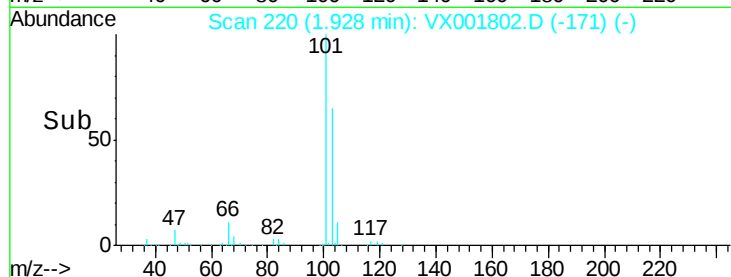
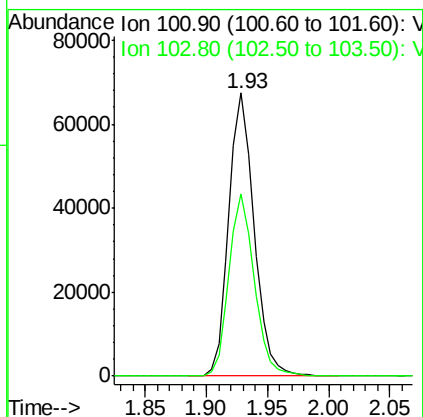
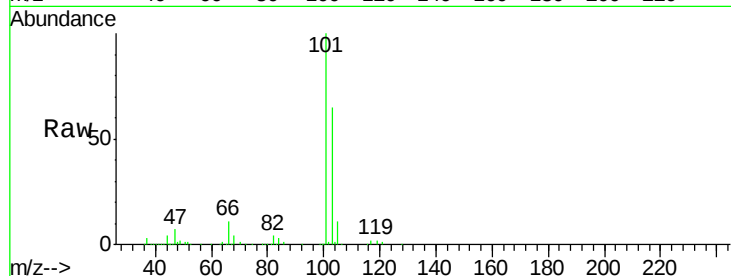
Trichlorofluoromethane
Concen: 20.91 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

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ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.6	78.8

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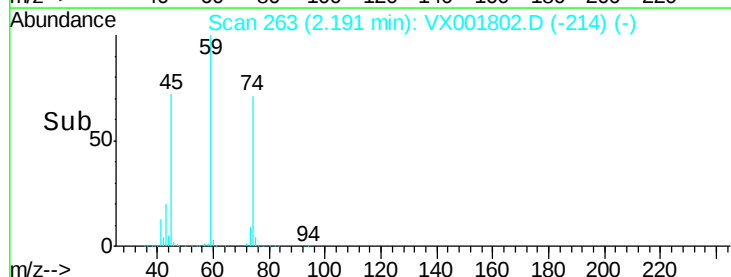
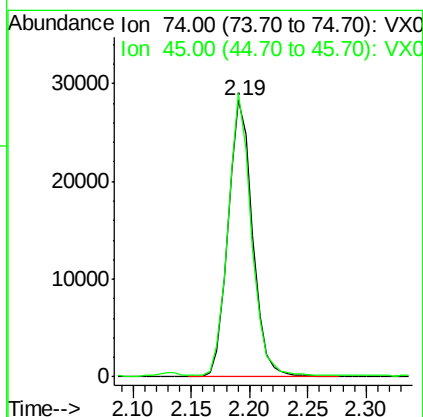
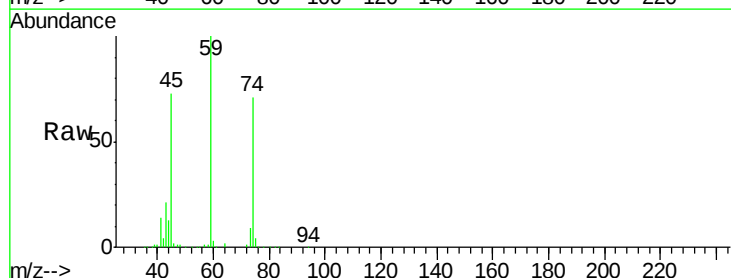
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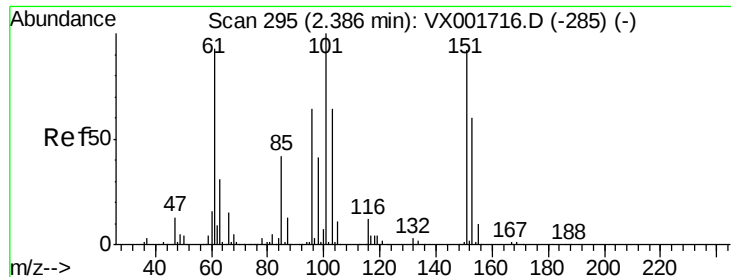


#8

Diethyl Ether
Concen: 21.73 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	50.0	149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.26 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

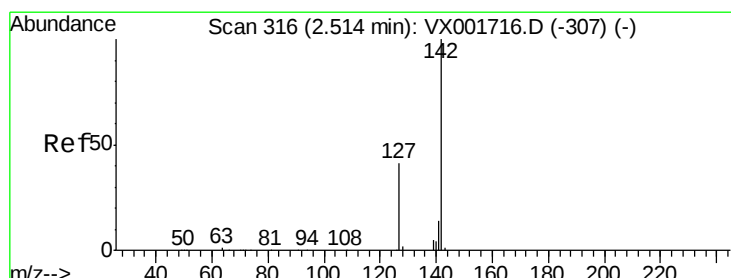
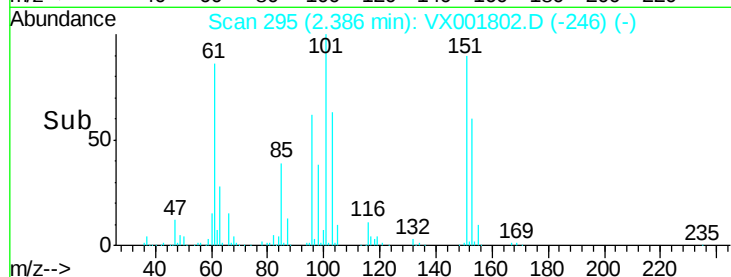
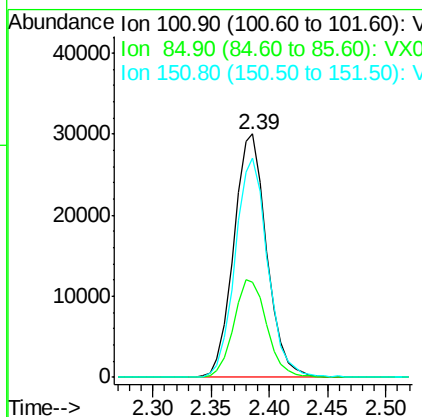
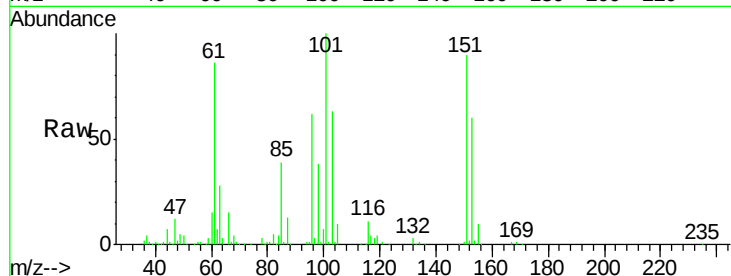
ClientSampleId :

VX0517WBSD01

Tot Ion:	101	Resp:	59149
Ion Ratio	Lower	Upper	
101	100		
85	40.2	33.7	50.5
151	89.3	73.0	109.6

Manual Integrations
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#10

Methyl Iodide

Concen: 24.71 ug/l

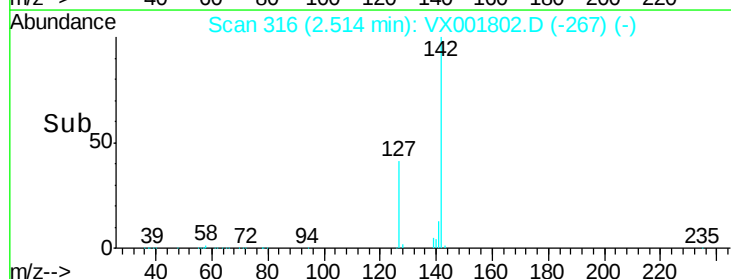
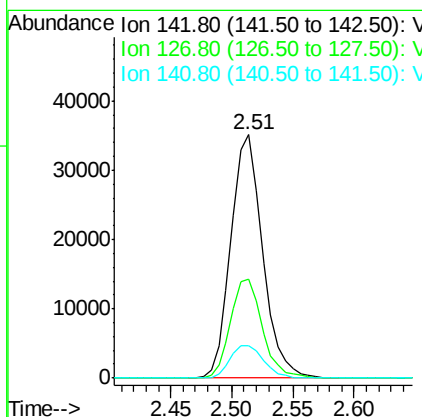
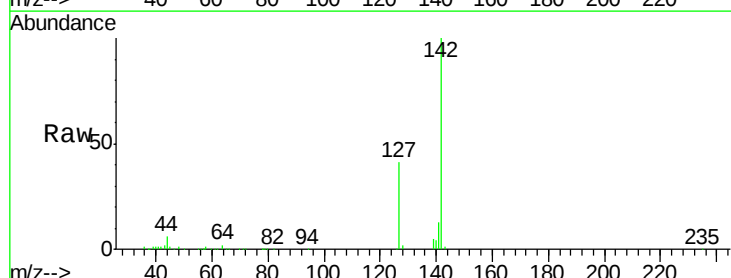
RT: 2.51 min Scan# 316

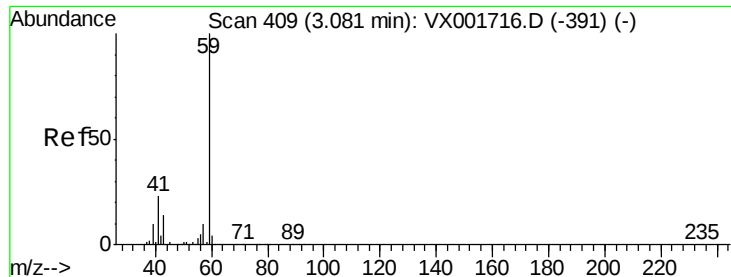
Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion:	142	Resp:	63272
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.5	48.7
141	14.2	11.4	17.0





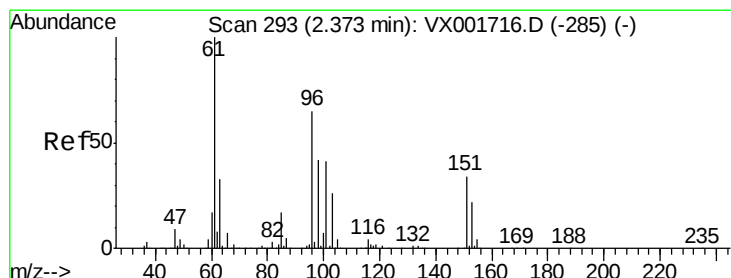
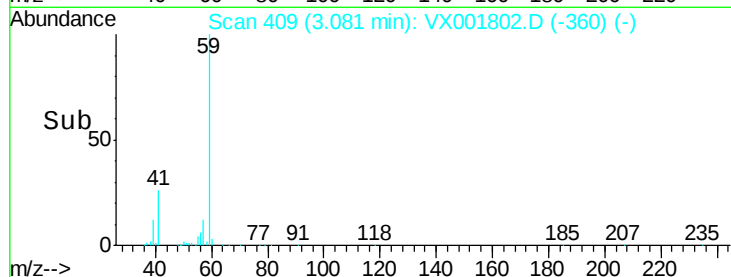
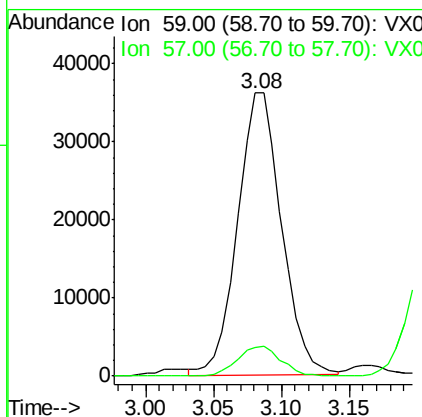
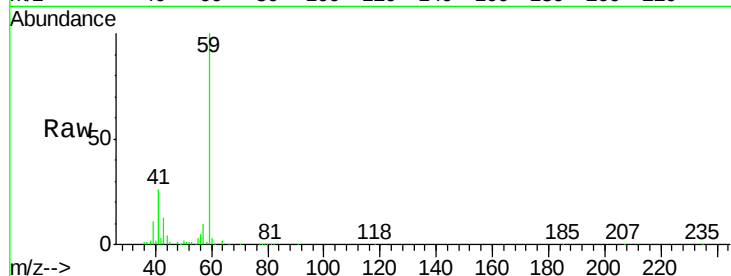
#11
Tert butyl alcohol
Concen: 126.85 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

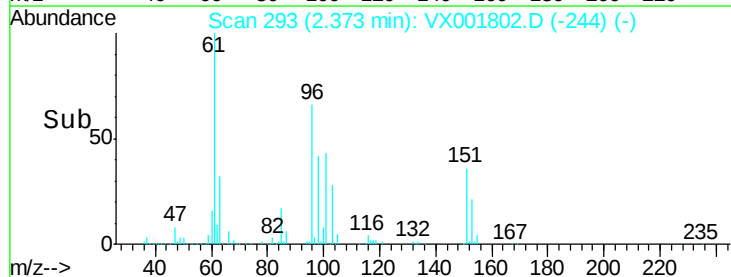
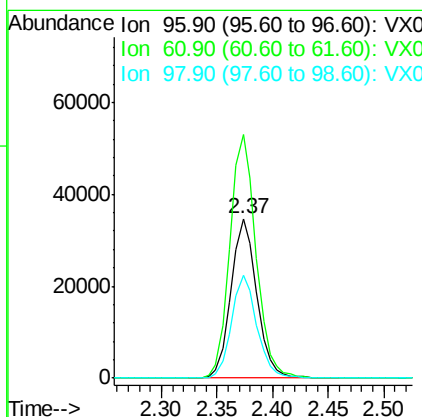
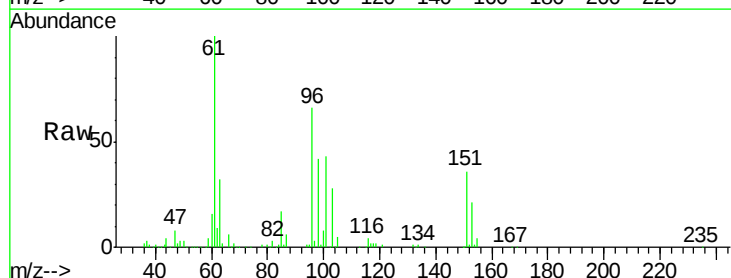
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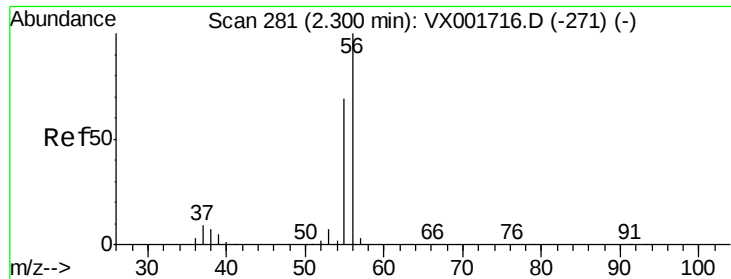
MMDadoda
5/21/2018 12:52:51 PM



#12
1,1-Dichloroethene
Concen: 20.77 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	122.2	183.2
98	64.1	51.4	77.0





#13

Acrolein

Concen: 93.83 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 56 Resp: 42983

Ion Ratio Lower Upper

56 100

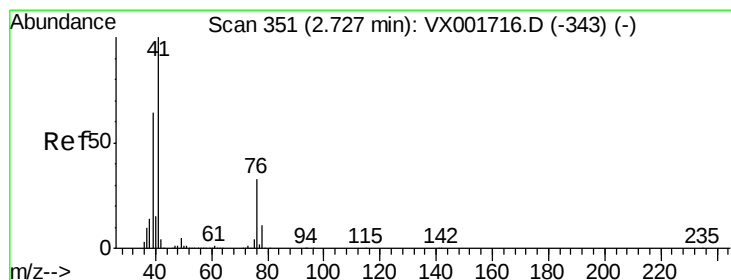
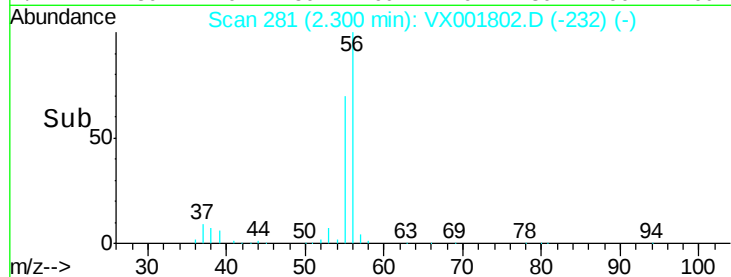
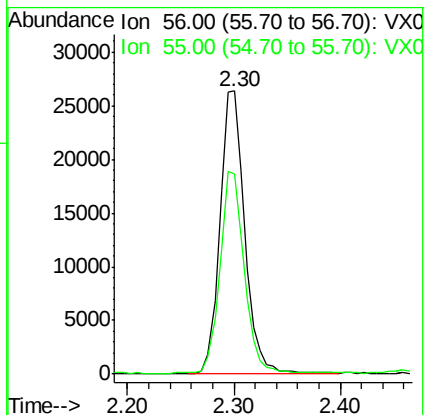
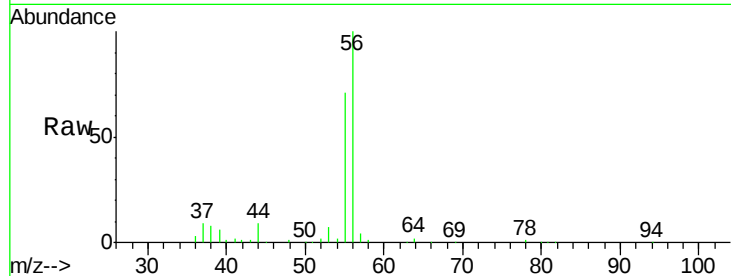
55 70.7 56.2 84.2

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#14

Allyl chloride

Concen: 21.52 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

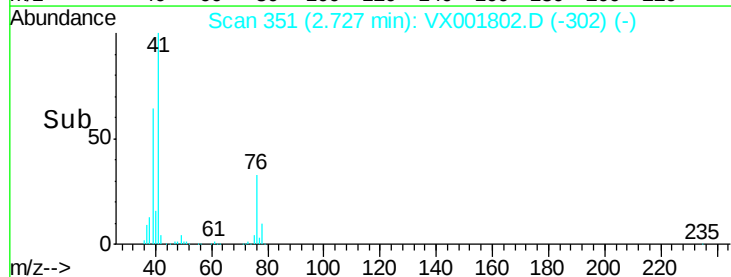
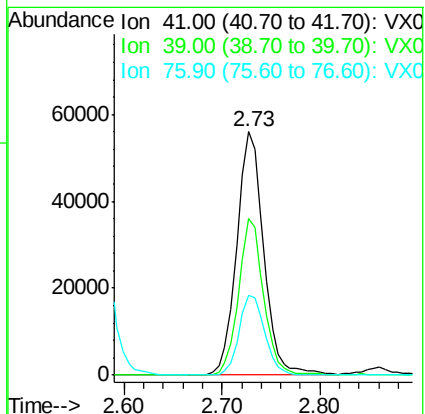
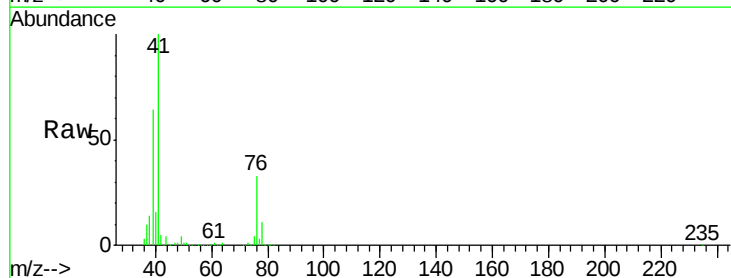
Tgt Ion: 41 Resp: 106694

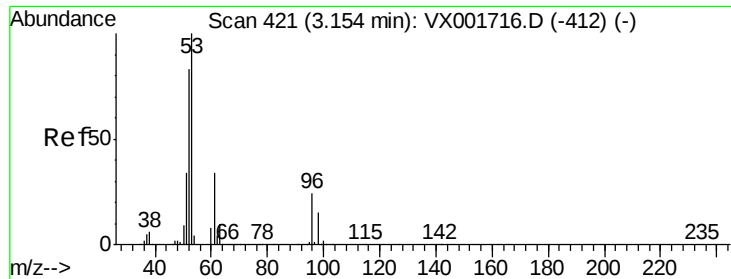
Ion Ratio Lower Upper

41 100

39 59.3 49.8 74.6

76 31.6 25.8 38.8





#15

Acrylonitrile

Concen: 119.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

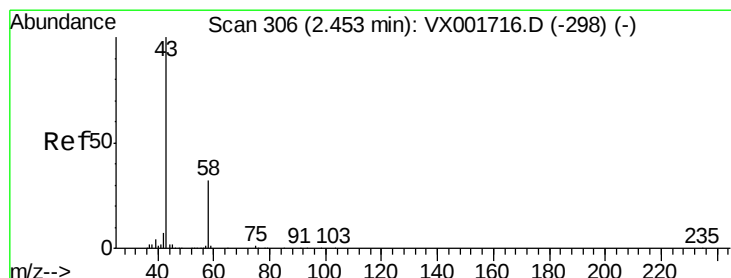
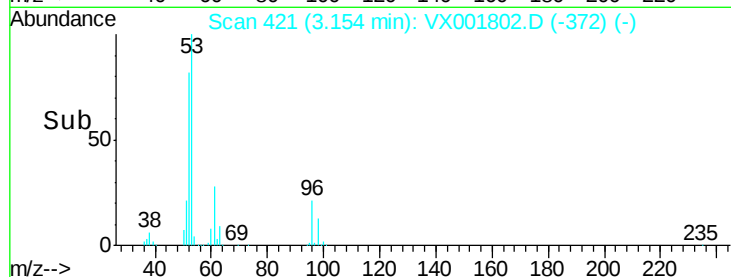
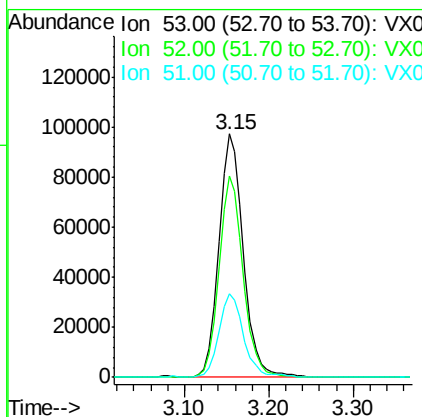
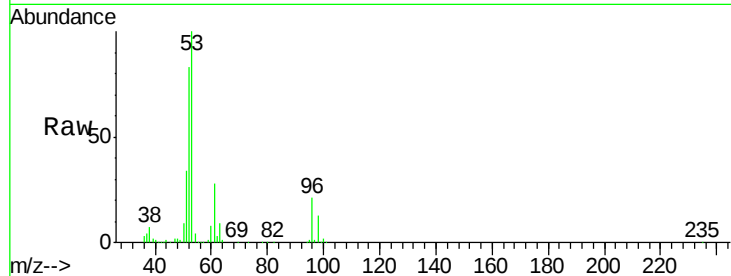
ClientSampleId :

VX0517WBSD01

Tot Ion:	53	Resp:	193136
Ion Ratio		Lower	Upper
53	100		
52	81.5	65.6	98.4
51	35.1	28.1	42.1

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#16

Acetone

Concen: 118.78 ug/l

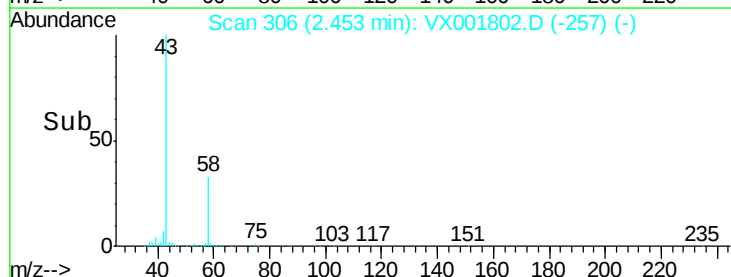
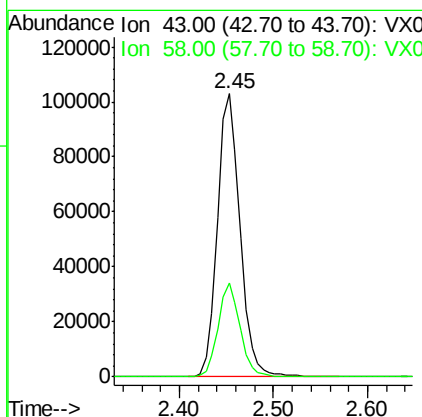
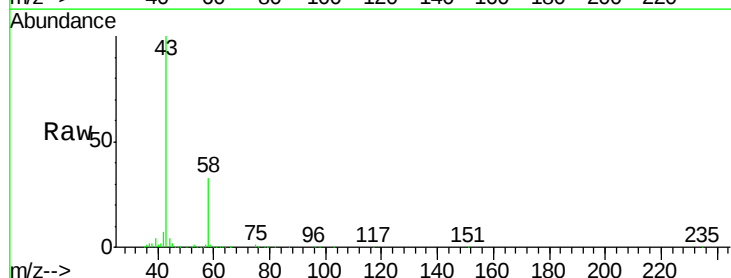
RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion:	43	Resp:	169726
Ion Ratio		Lower	Upper
43	100		
58	33.2	25.3	37.9





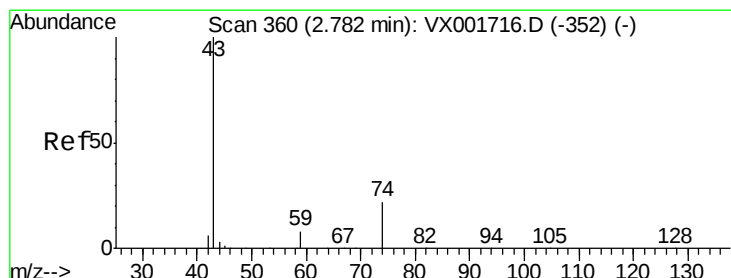
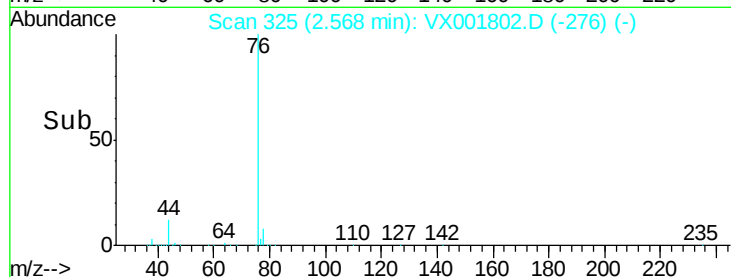
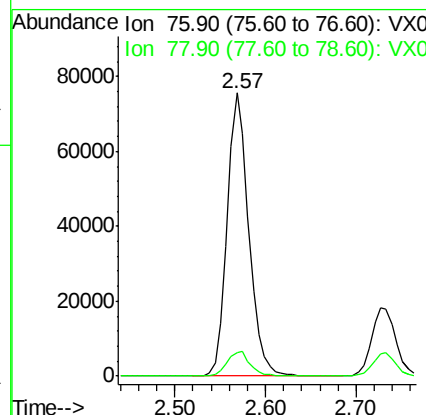
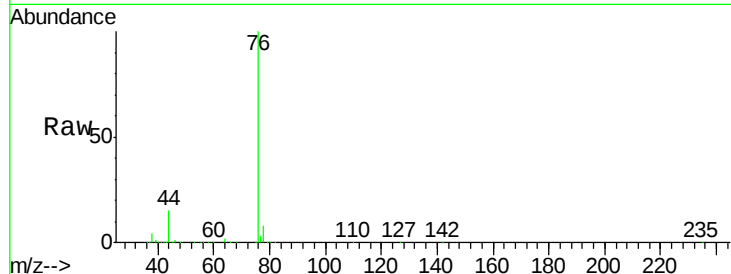
#17
Carbon Disulfide
Concen: 17.96 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.6	11.4

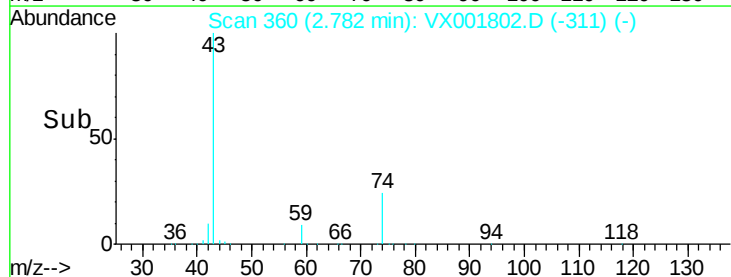
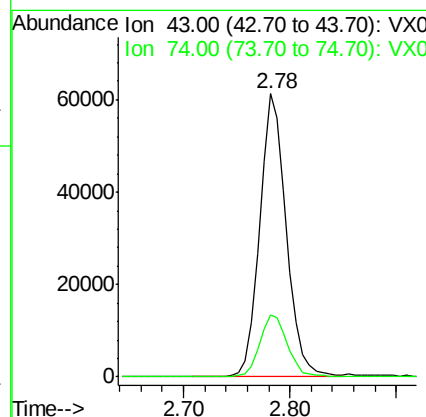
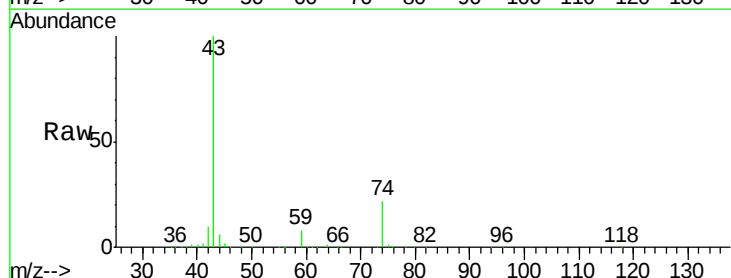
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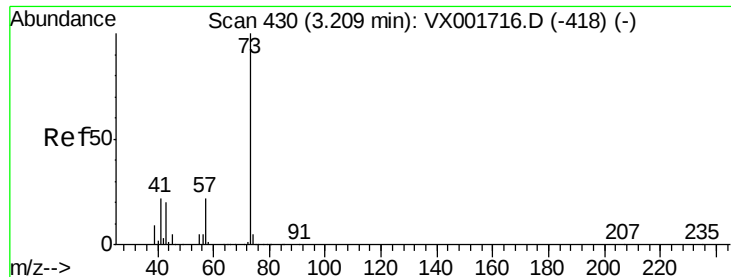
MMDadoda
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#18
Methyl Acetate
Concen: 25.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.2	27.2





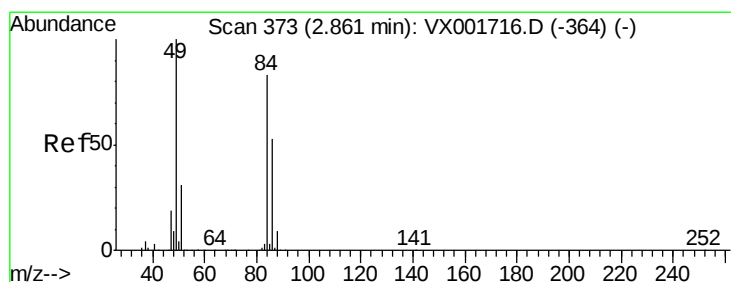
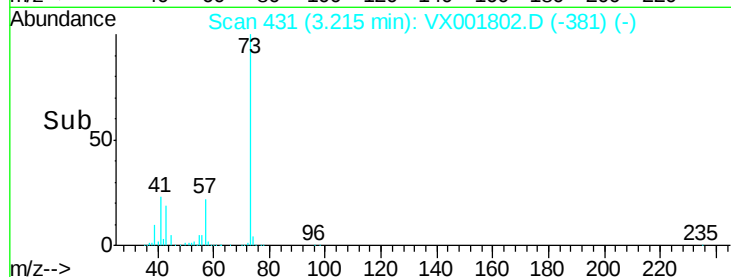
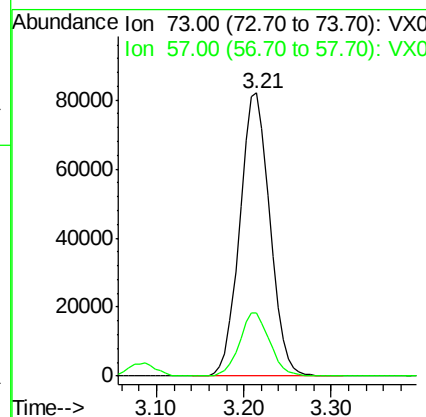
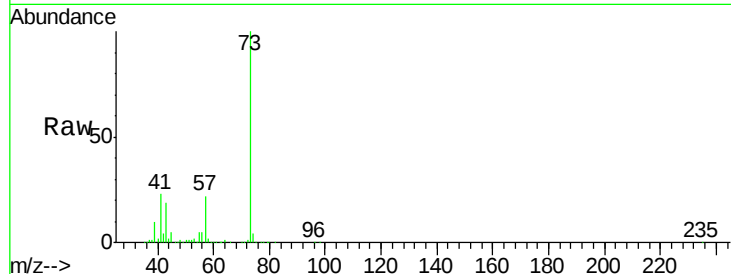
#19
Methvl tert-butvl Ether
Concen: 21.73 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.5	26.3

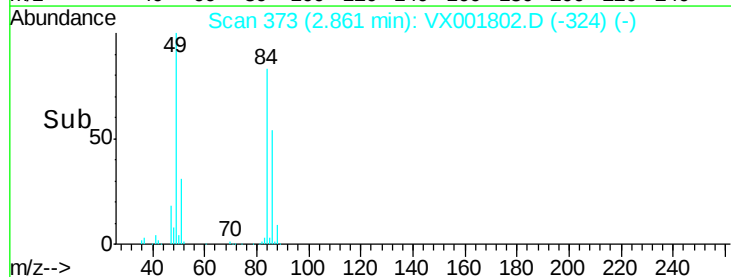
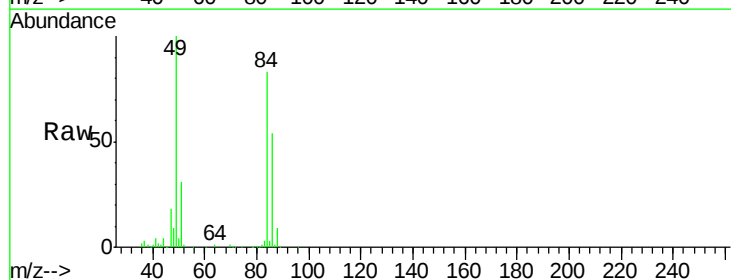
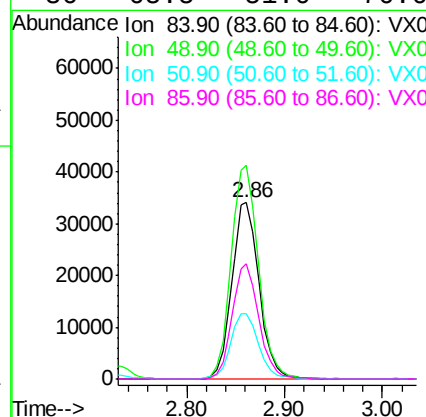
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#20
Methylene Chloride
Concen: 21.45 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	96.3	144.5
51	37.0	29.8	44.6
86	65.5	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

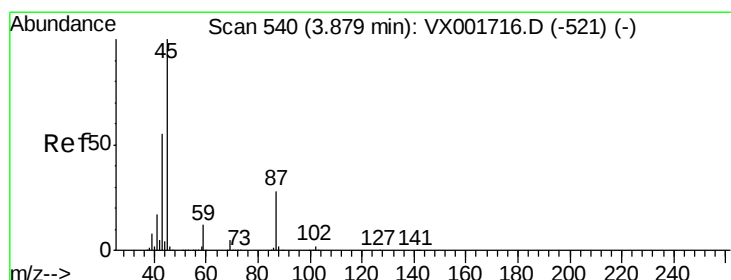
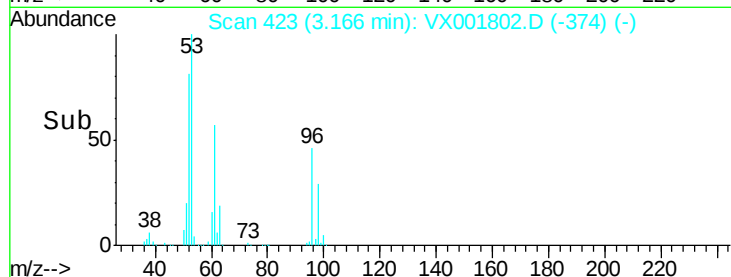
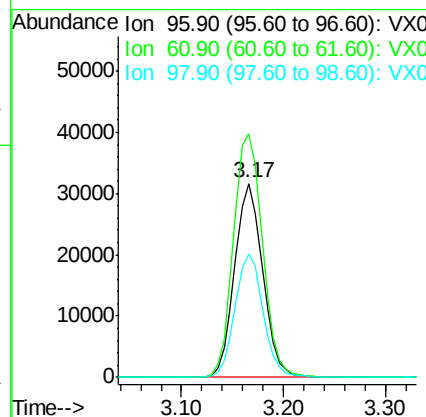
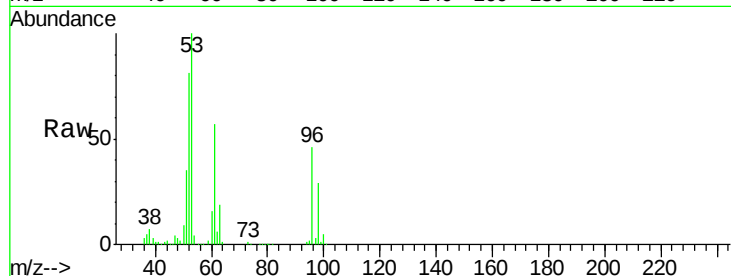
ClientSampleId :

VX0517WBSD01

Tot Ion:	96	Resp:	60222
Ion	Ratio	Lower	Upper
96	100		
61	125.3	105.8	158.8
98	63.5	50.2	75.4

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#22

Diisopropyl ether

Concen: 21.62 ug/l

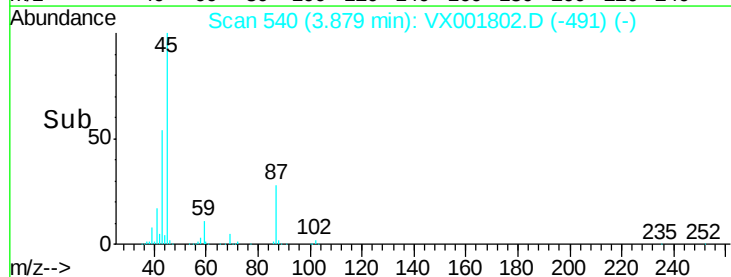
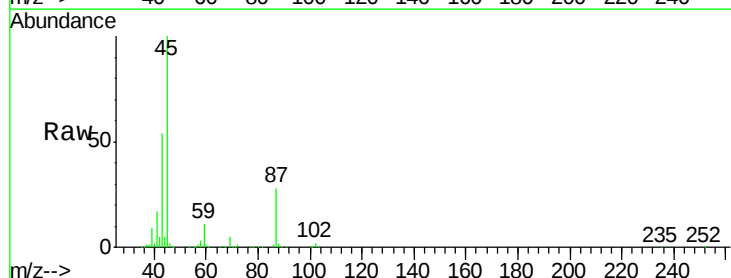
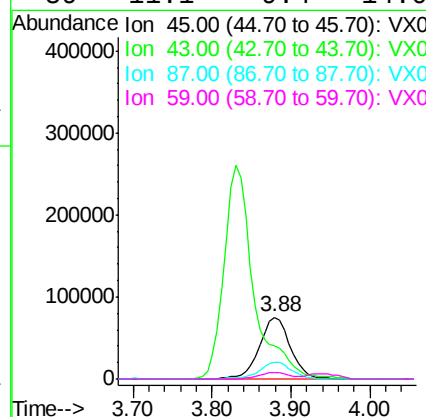
RT: 3.88 min Scan# 540

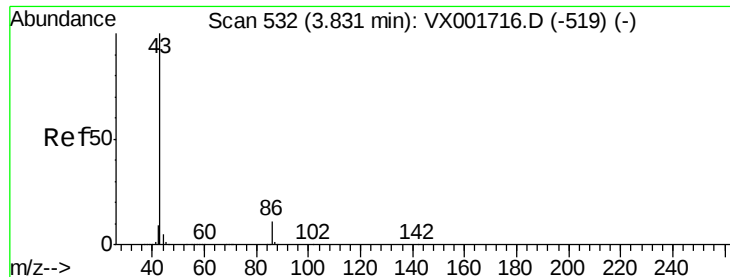
Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion:	45	Resp:	205636
Ion	Ratio	Lower	Upper
45	100		
43	54.0	44.3	66.5
87	27.7	22.6	33.8
59	11.1	9.4	14.0





#23

Vinyl Acetate

Concen: 100.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 43 Resp: 689764

Ion Ratio Lower Upper

43 100

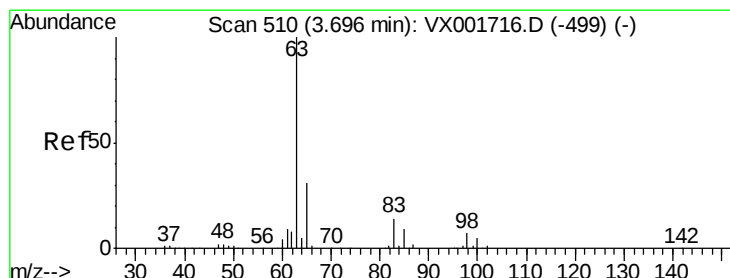
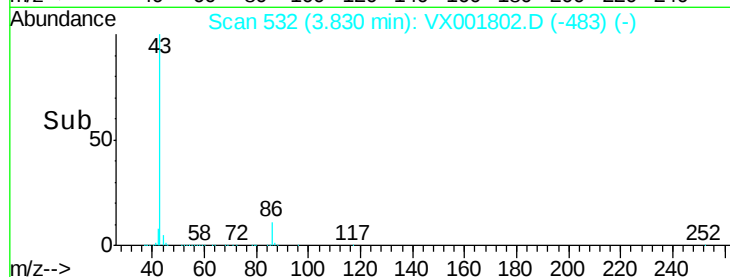
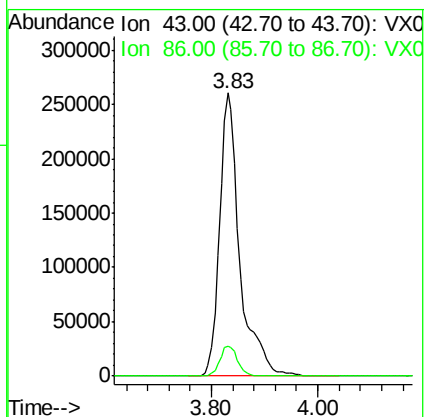
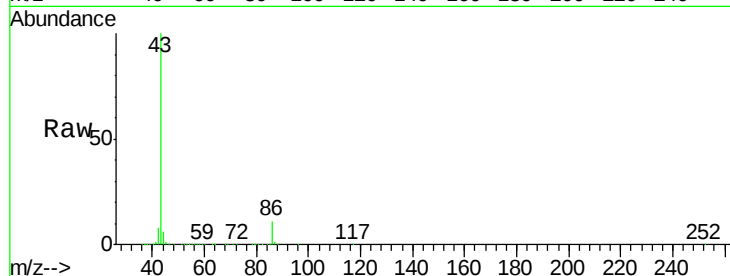
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 21.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

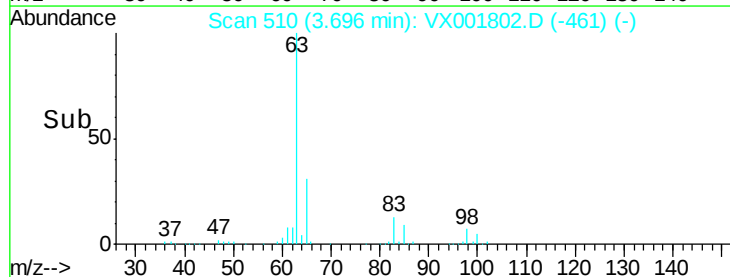
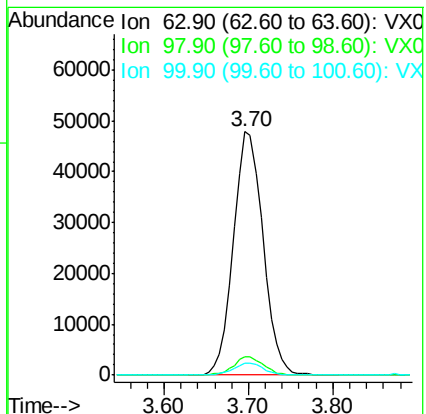
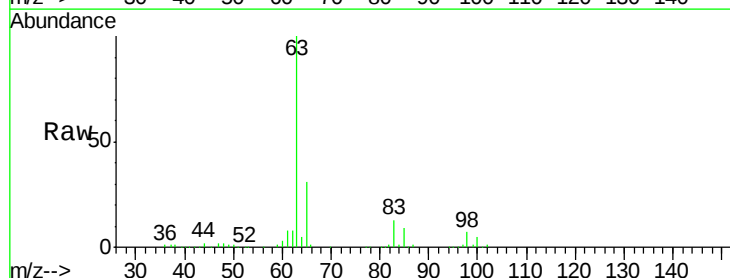
Tgt Ion: 63 Resp: 113901

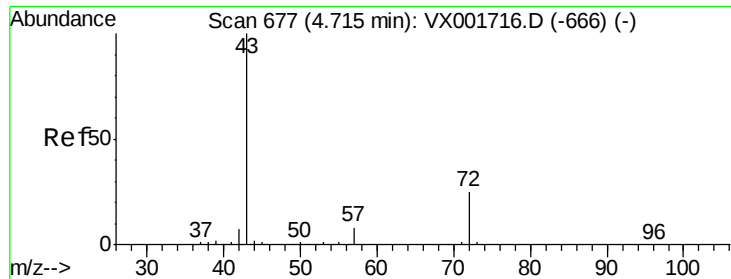
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 123.05 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 43 Resp: 269174

Ion Ratio Lower Upper

43 100

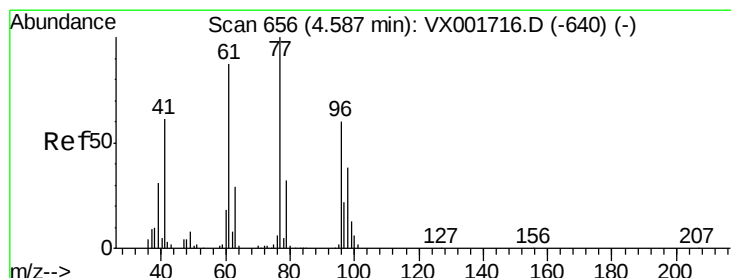
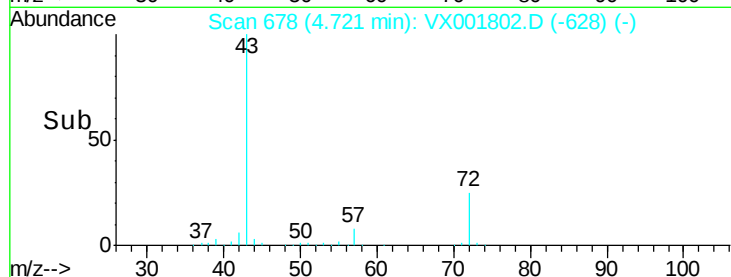
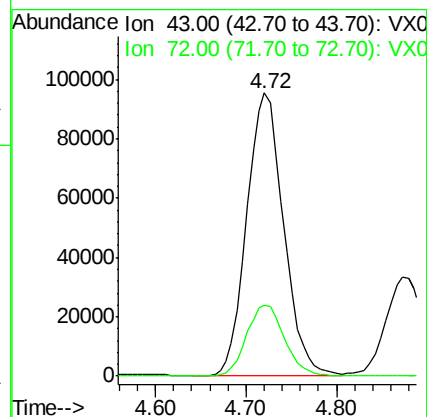
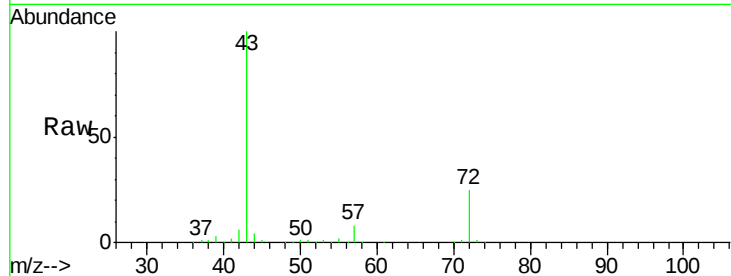
72 25.3 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 18.09 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001802.D

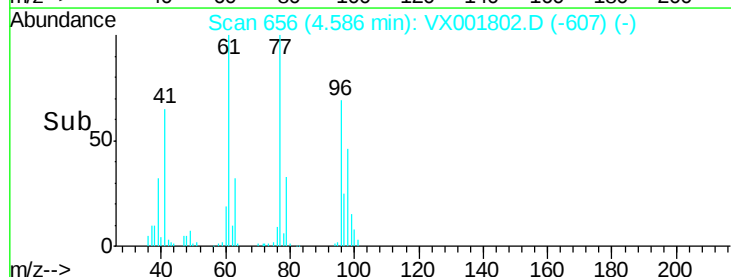
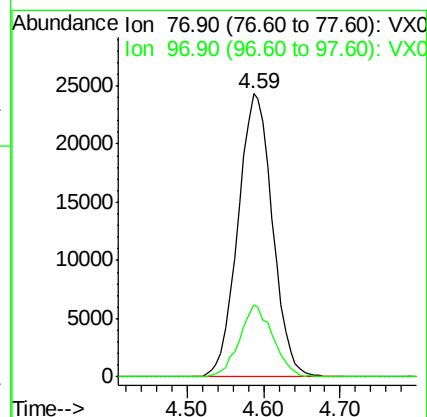
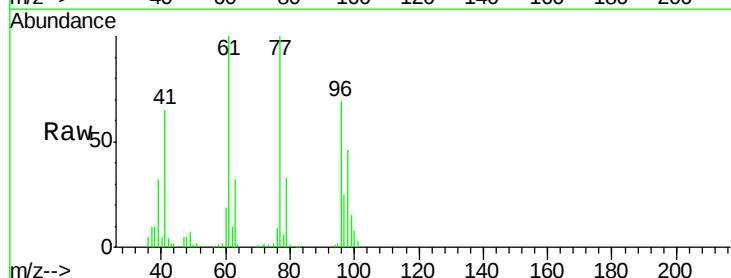
Acq: 17 May 2018 20:27

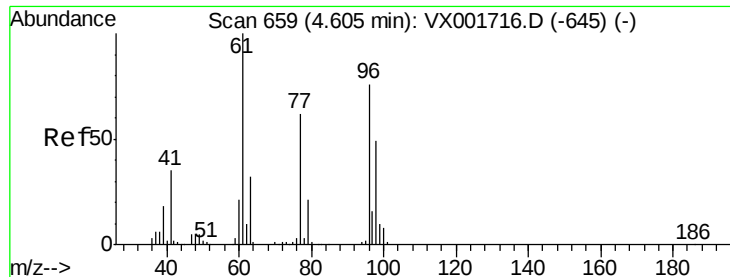
Tgt Ion: 77 Resp: 75974

Ion Ratio Lower Upper

77 100

97 24.7 11.6 34.8





#27

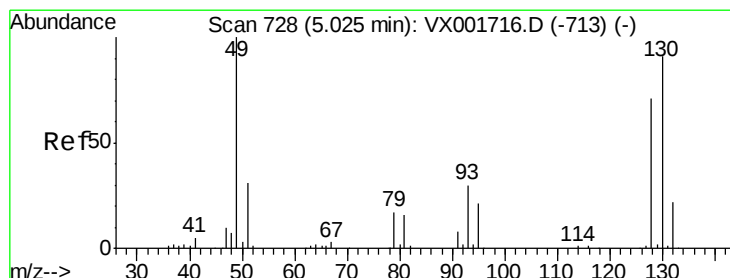
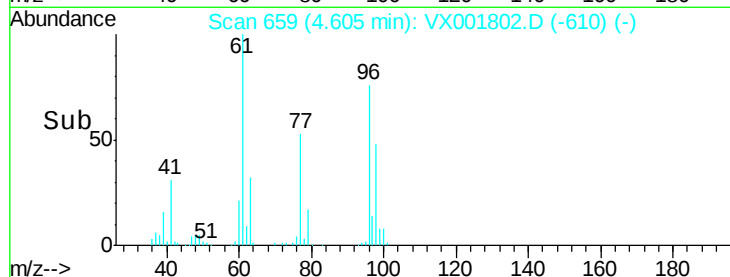
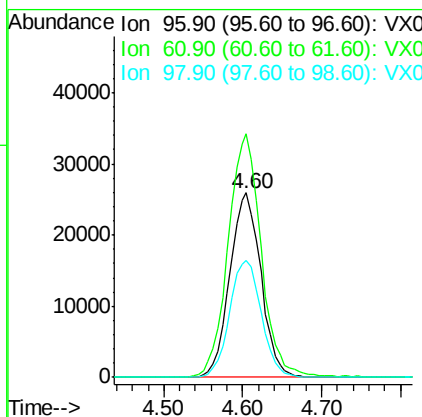
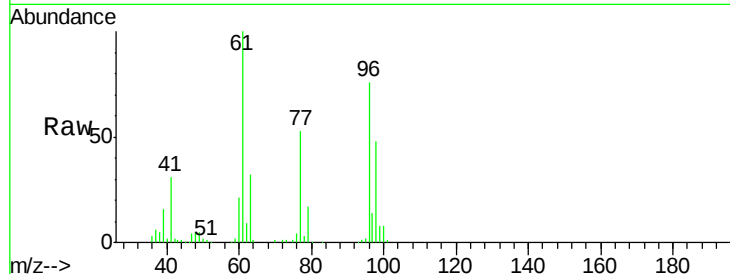
cis-1,2-Dichloroethene
 Concen: 21.11 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	70995		
61	140.1		0.0	280.4
98	64.8		0.0	128.4

Manual Integrations
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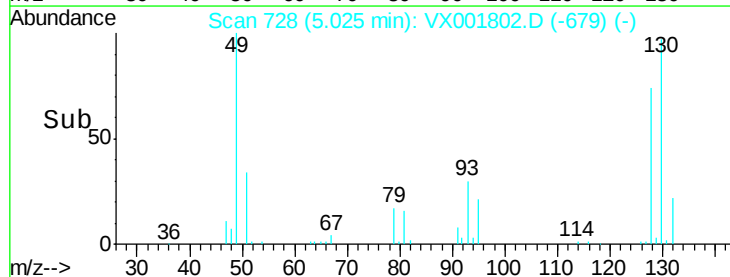
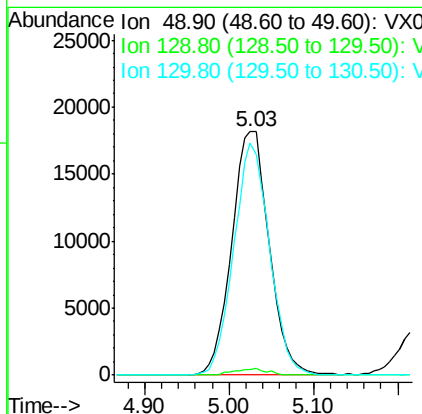
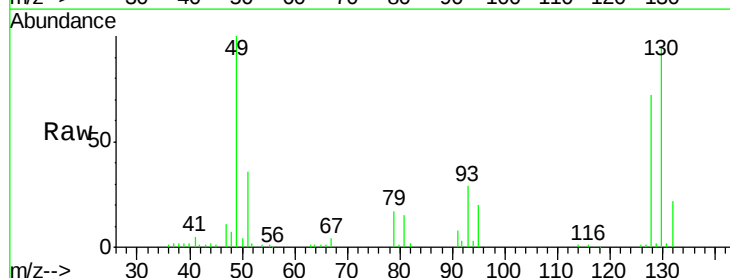
MMDadoda
 5/21/2018 12:52:51 PM

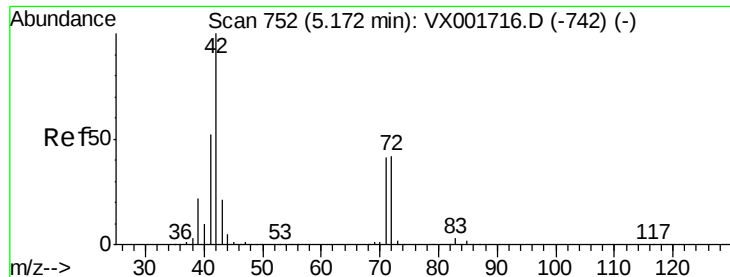


#28

Bromochloromethane
 Concen: 23.64 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54792		
129	2.3		0.0	5.0
130	90.7		71.8	107.6





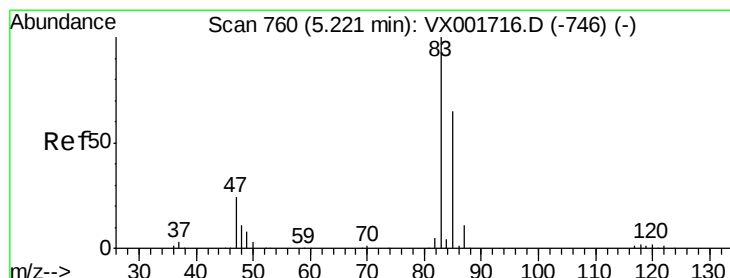
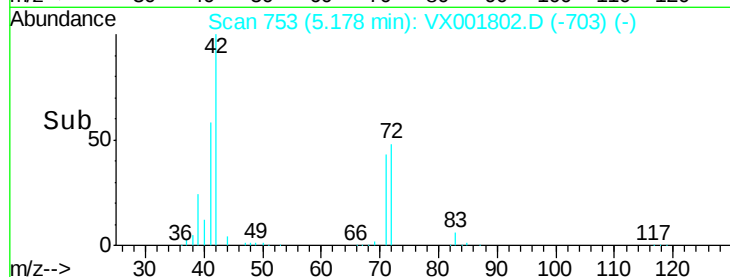
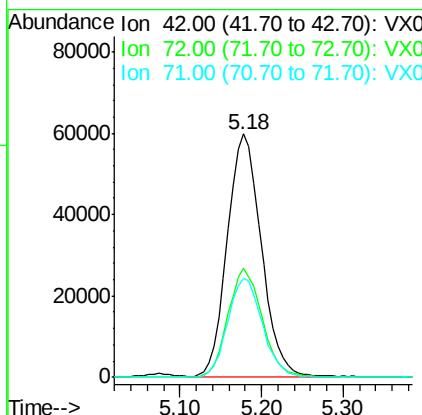
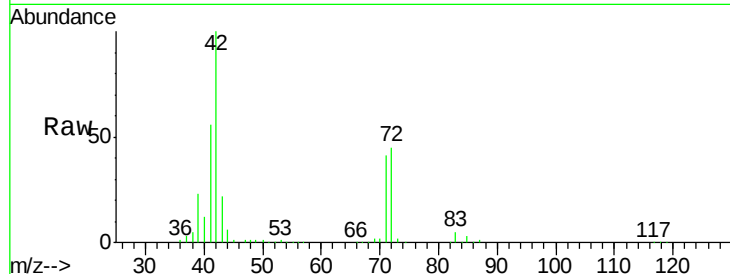
#29
Tetrahydrofuran
Concen: 120.82 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.4	53.2
71	41.5	33.2	49.8

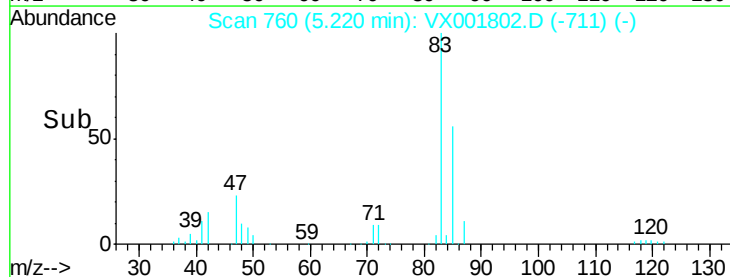
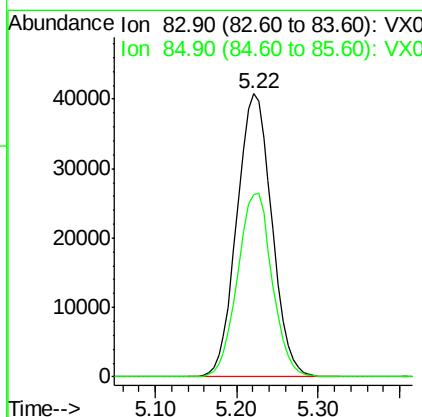
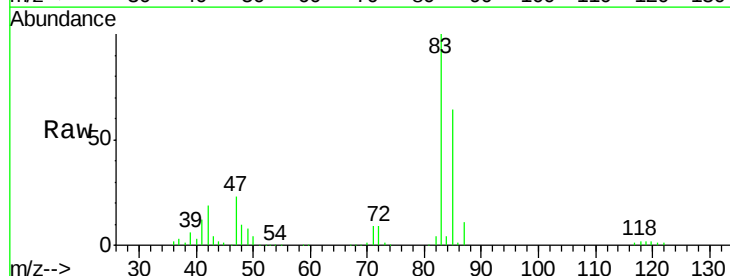
Manual Integrations
APPROVED

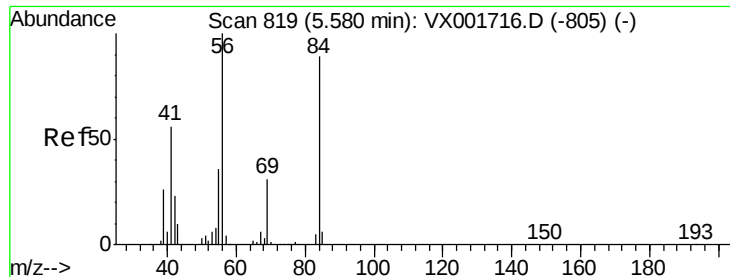
MMDadoda
5/21/2018 12:52:51 PM



#30
Chloroform
Concen: 22.18 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.3	78.5





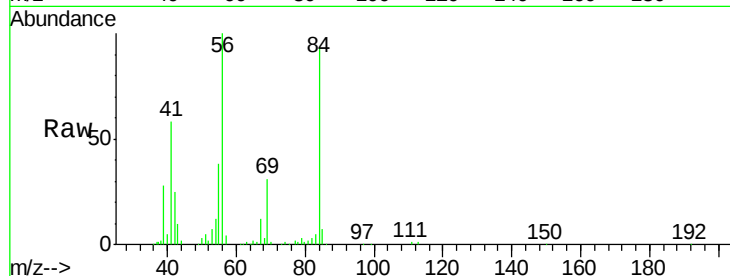
#31
Cyclohexane
Concen: 21.01 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.0	37.6
84	91.6	71.0	106.4

Manual Integrations
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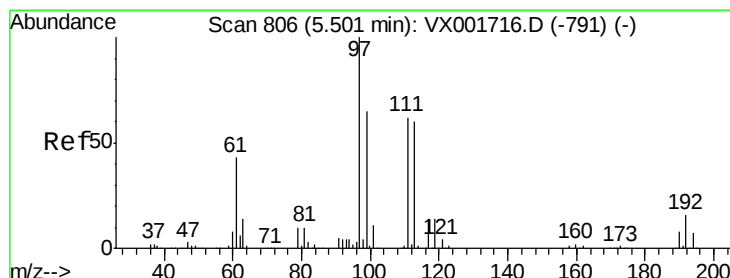
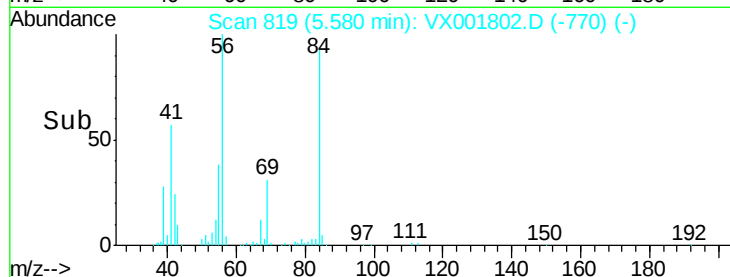
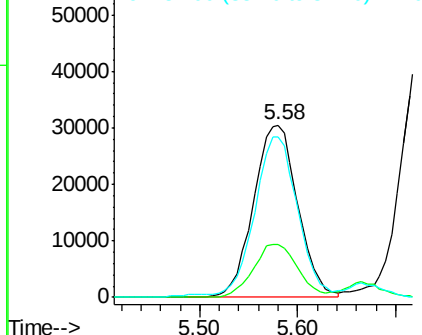


Abundance

Ion 56.00 (55.70 to 56.70): VX0

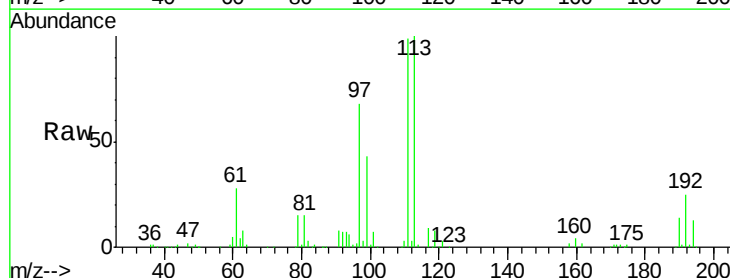
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32
1,1,1-Trichloroethane
Concen: 21.76 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	43.3	34.0	51.0

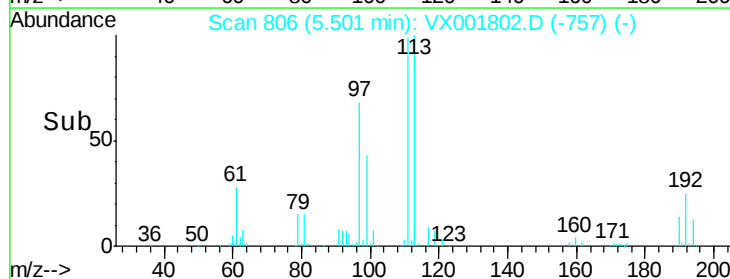
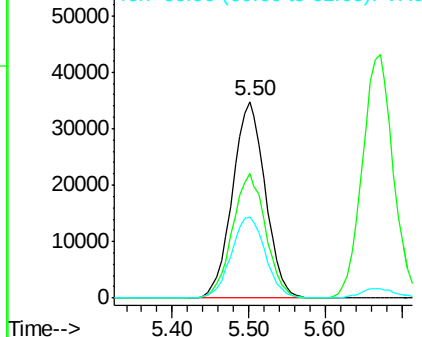


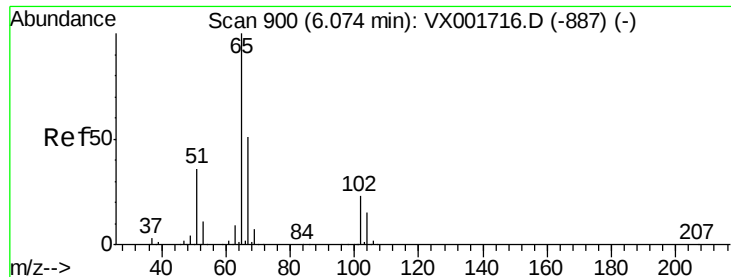
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.40 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 65 Resp: 179710

Ion Ratio Lower Upper

65 100

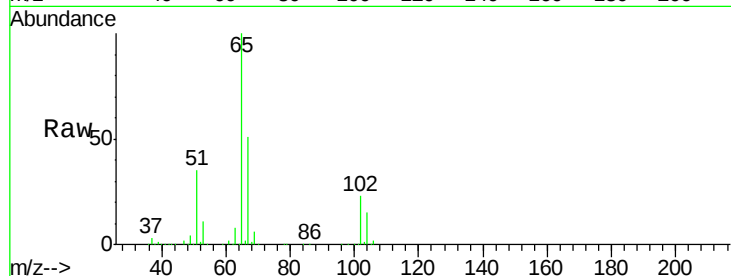
67 52.5 0.0 102.8

Manual Integrations

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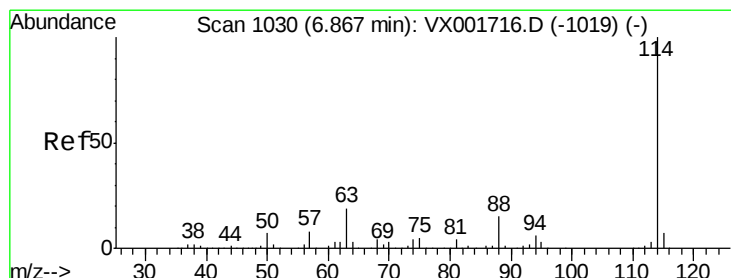
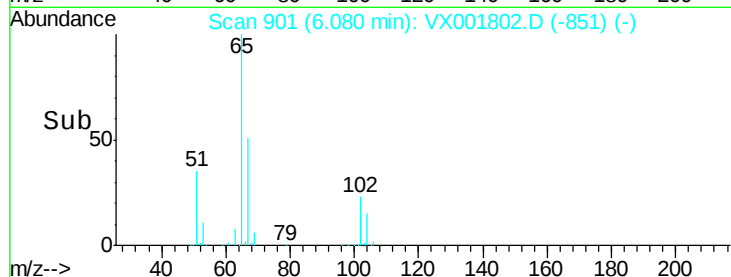
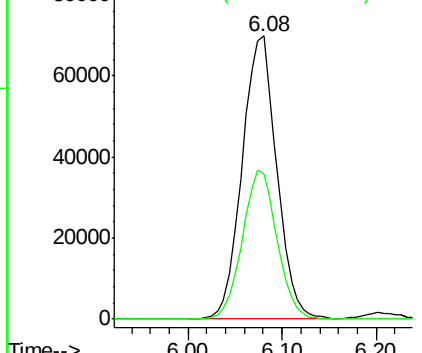
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

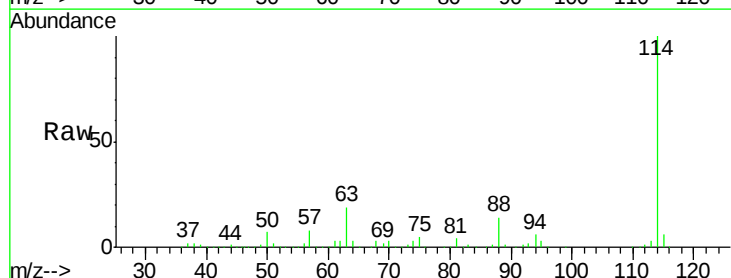
Tgt Ion: 114 Resp: 353393

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

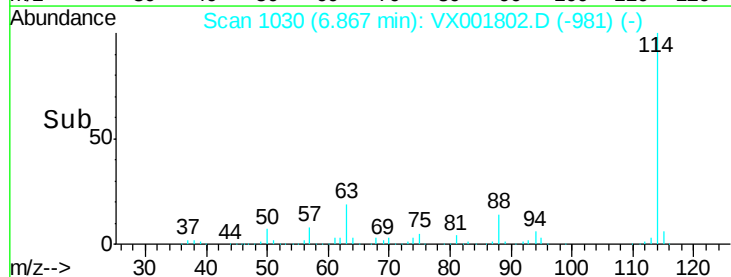
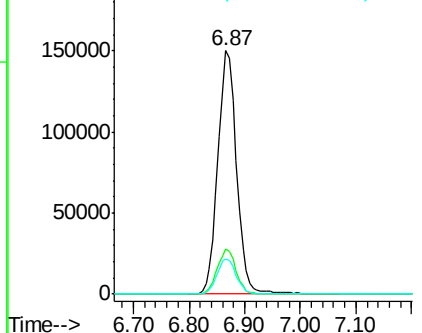
88 14.1 0.0 29.8

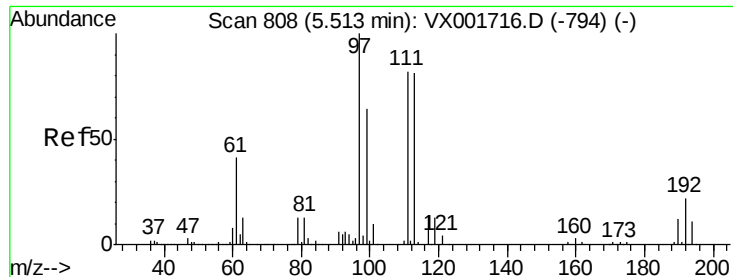


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





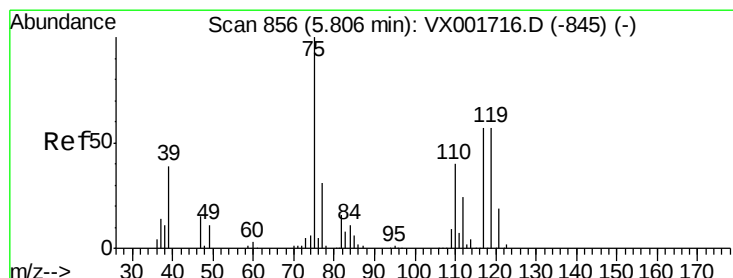
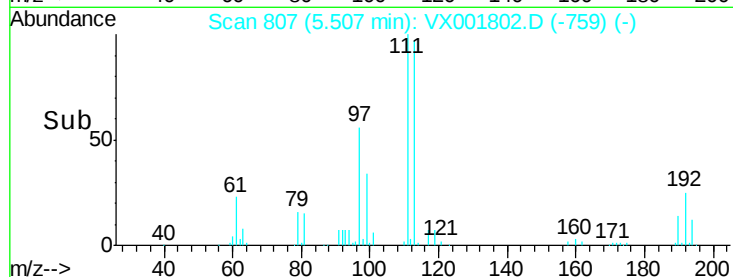
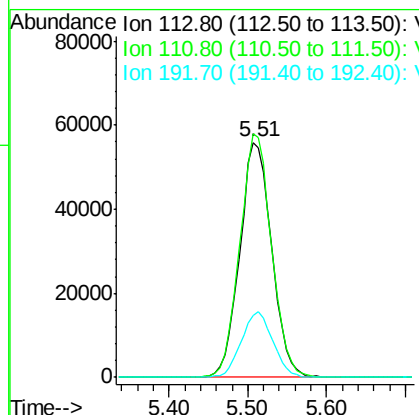
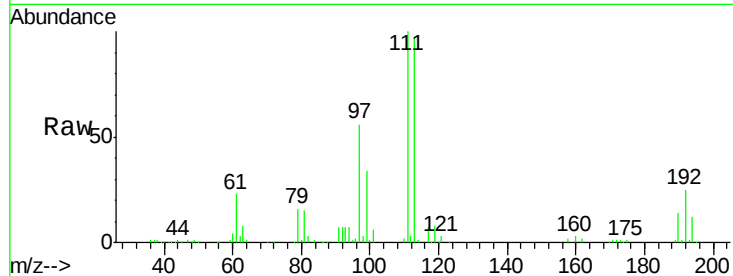
#35
 Dibromofluoromethane
 Concen: 52.75 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157305		
111	102.8	82.0	123.0	
192	27.5	21.6	32.4	

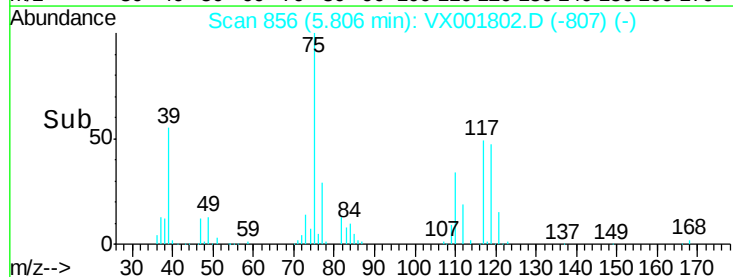
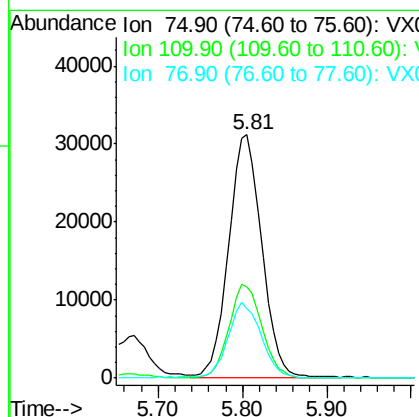
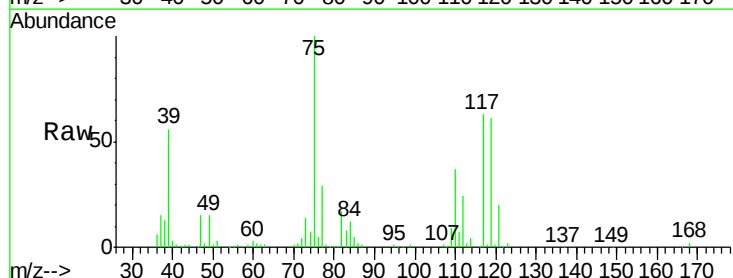
Manual Integrations
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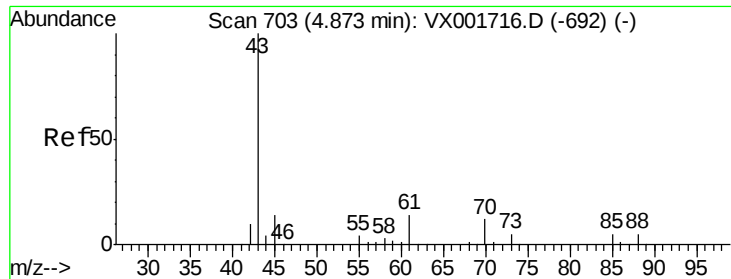
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#36
 1,1-Dichloropropene
 Concen: 20.32 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82655		
110	38.4	19.1	57.1	
77	31.7	24.6	37.0	





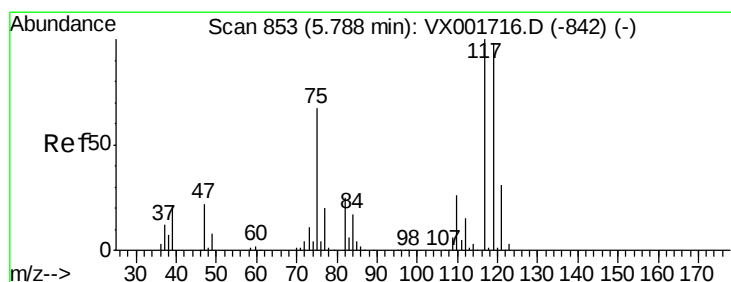
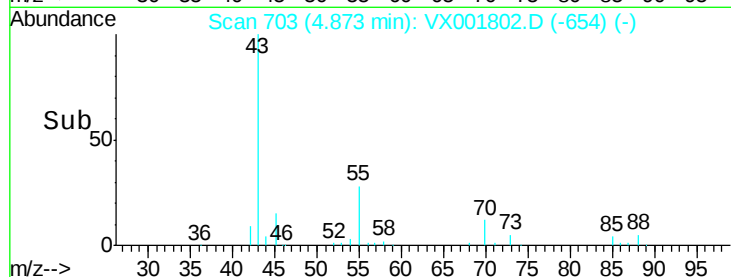
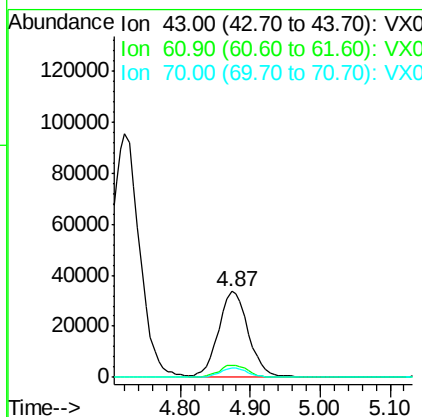
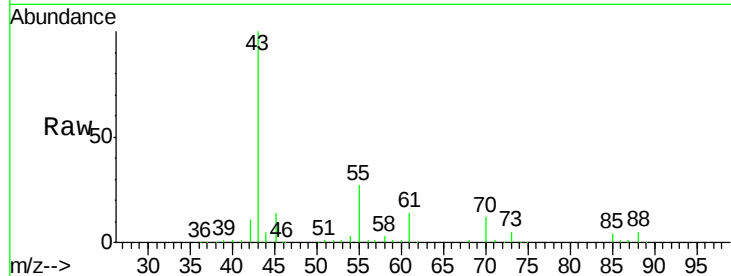
#37
Ethyl Acetate
Concen: 23.58 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	10.9	8.8	13.2

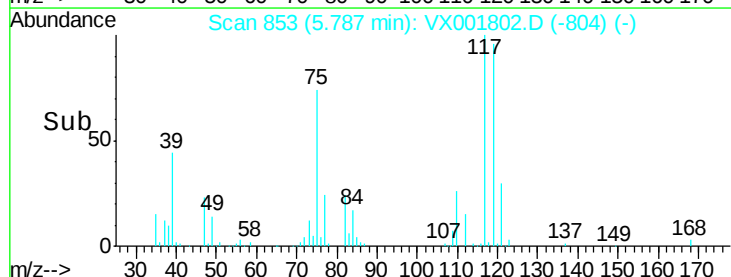
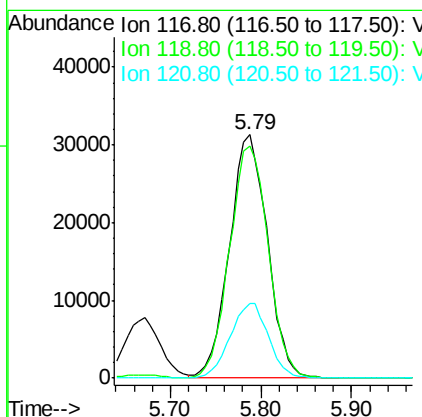
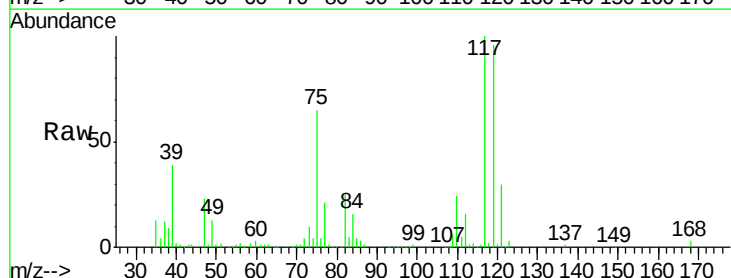
Manual Integrations
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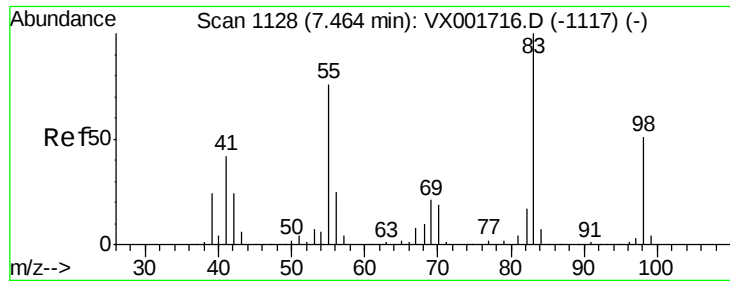
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#38
Carbon Tetrachloride
Concen: 21.39 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.6	116.4
121	30.4	24.6	36.8





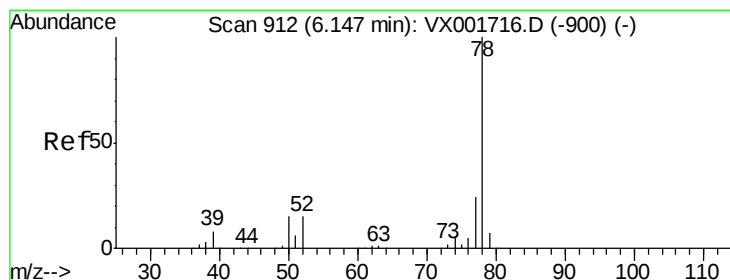
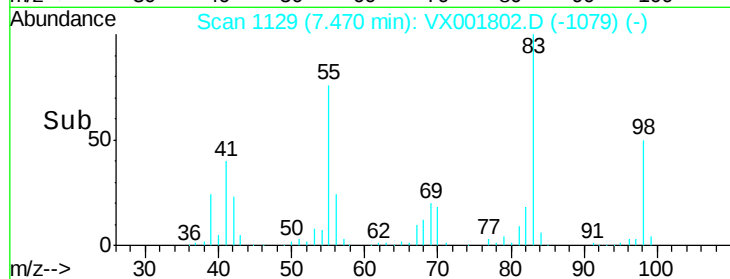
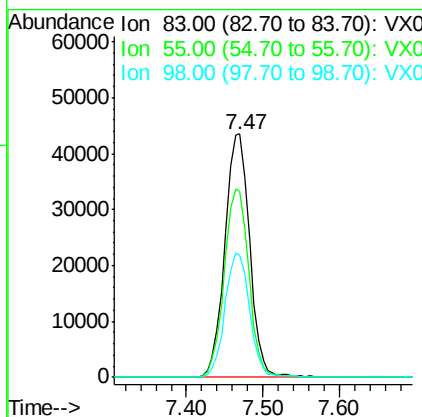
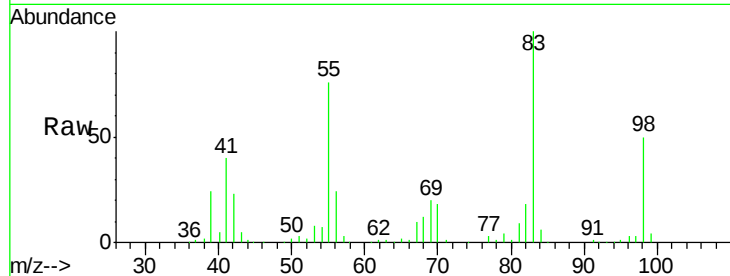
#39
Methvlcvclohexane
Concen: 20.53 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.6	90.8
98	50.3	40.4	60.6

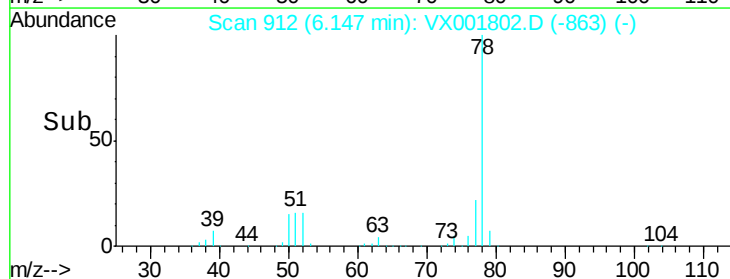
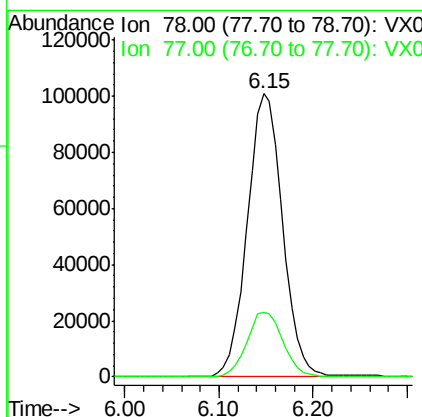
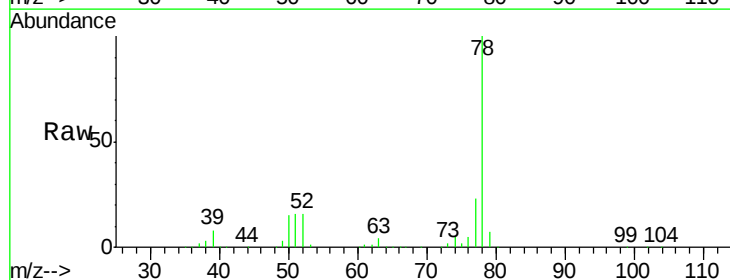
Manual Integrations
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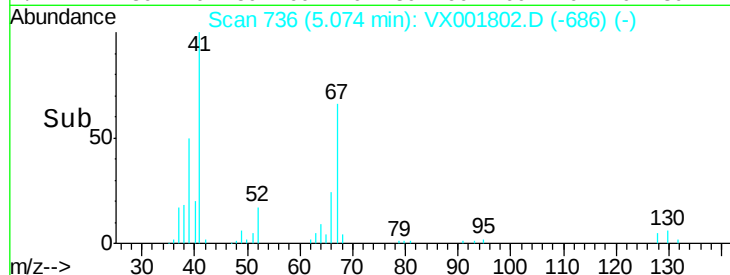
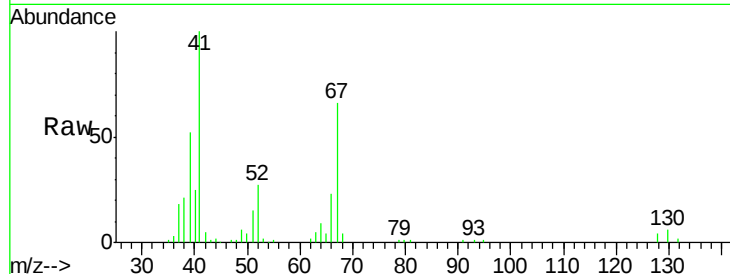
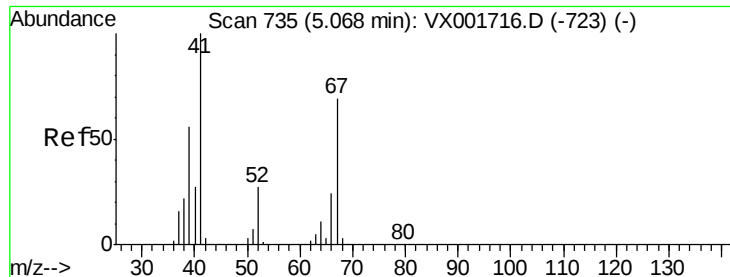
MMDadoda
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#40
Benzene
Concen: 21.97 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4





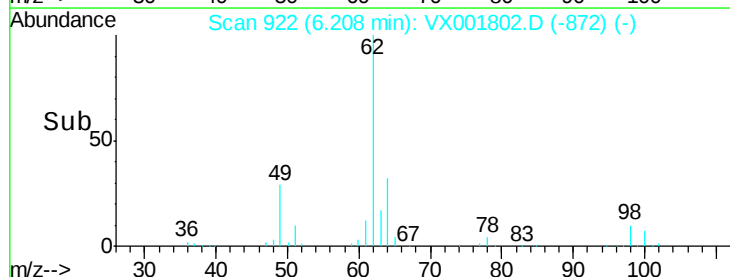
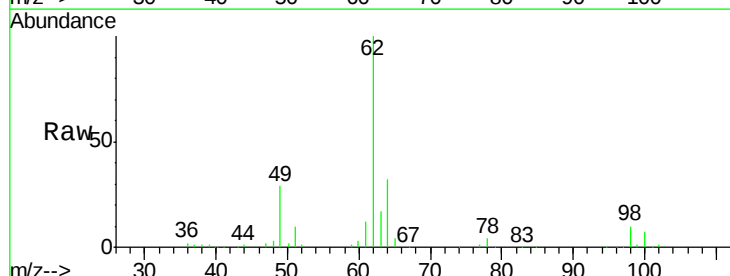
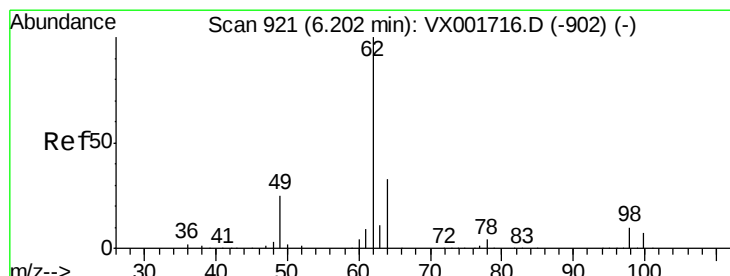
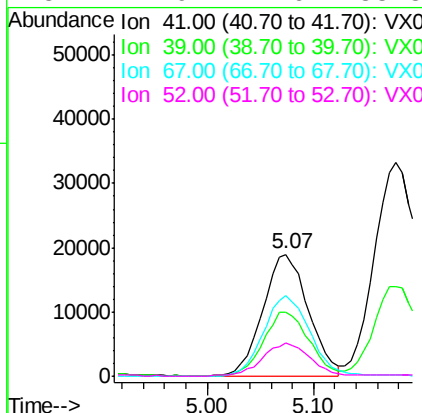
#41
Methacrylonitrile
Concen: 22.86 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	44.2	66.4	
67	68.0	56.0	84.0	
52	27.9	22.6	33.8	

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

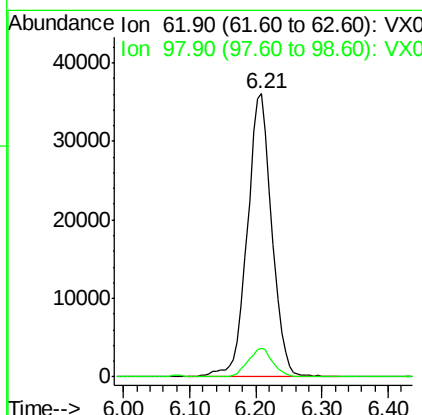
Manual Integrations
APPROVED

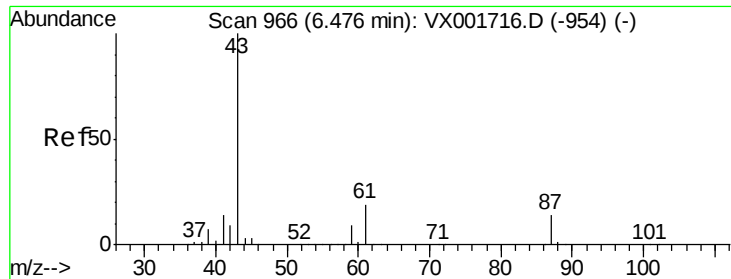
MMDadoda
5/21/2018 12:52:51 PM



#42
1,2-Dichloroethane
Concen: 21.58 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.0	





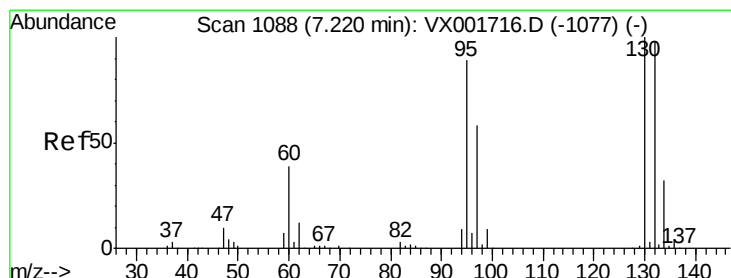
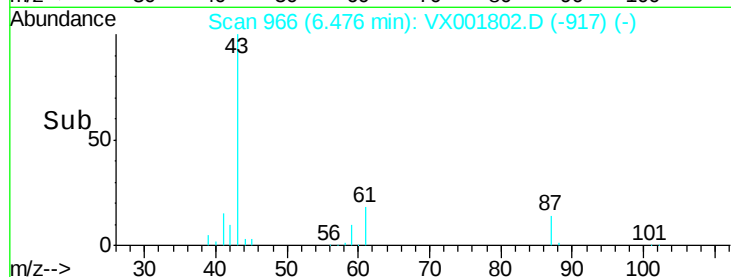
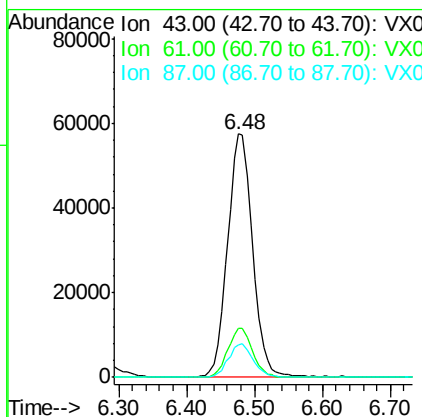
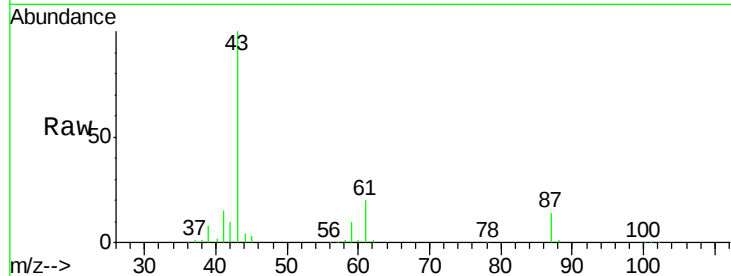
#43
Isopropyl Acetate
Concen: 21.86 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.8	11.0	16.4

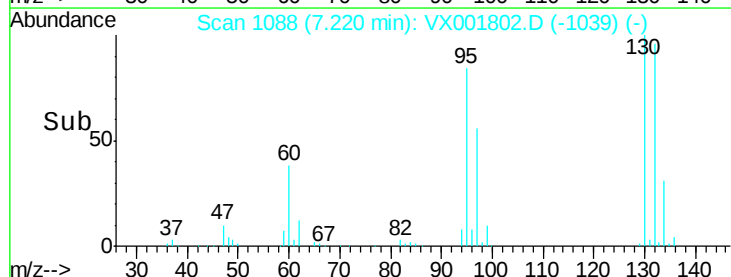
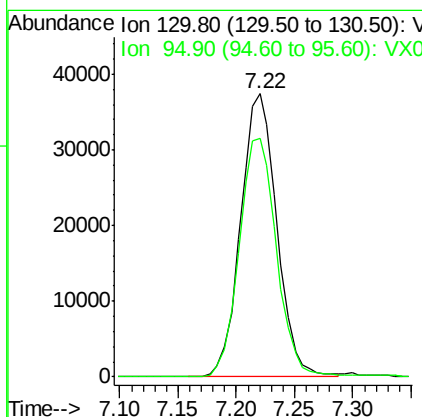
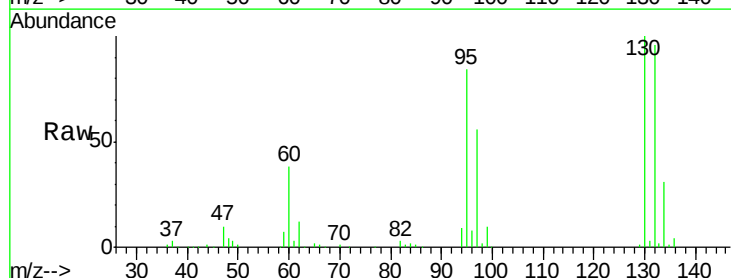
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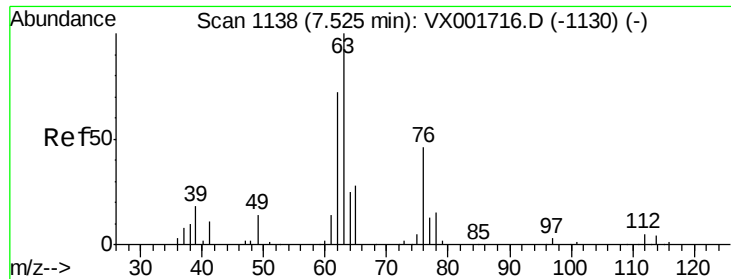
MMDadoda
5/21/2018 12:52:51 PM



#44
Trichloroethene
Concen: 21.72 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.5	0.0	177.2





#45

1,2-Dichloropropane

Concen: 22.87 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

VX0517WBSD01

Tot Ion: 63 Resp: 67266

Ion Ratio Lower Upper

63 100

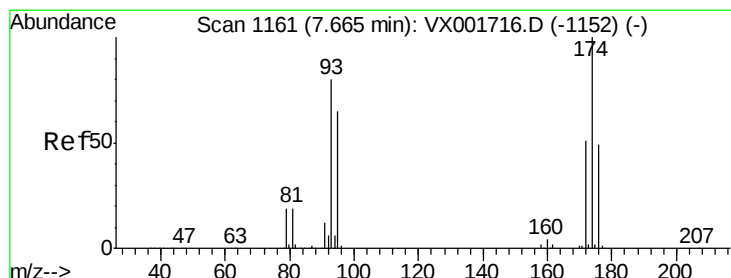
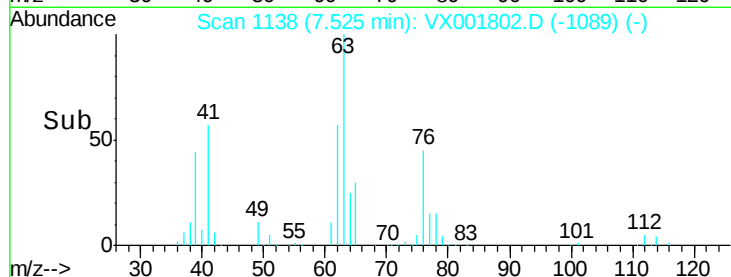
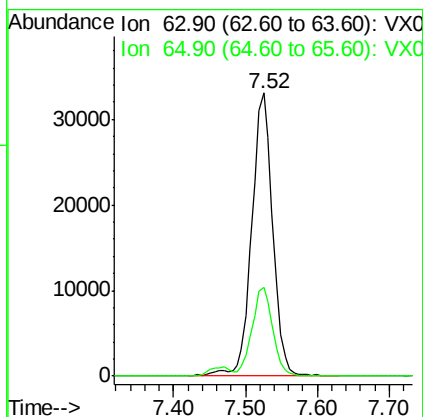
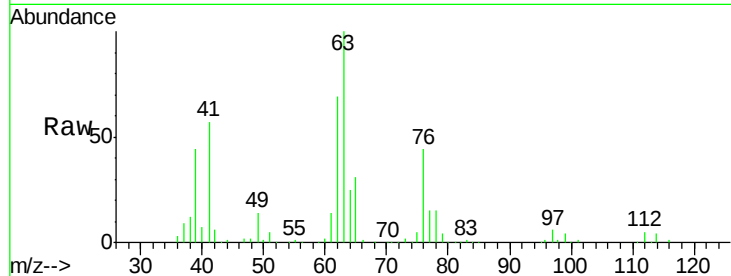
65 31.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 21.97 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

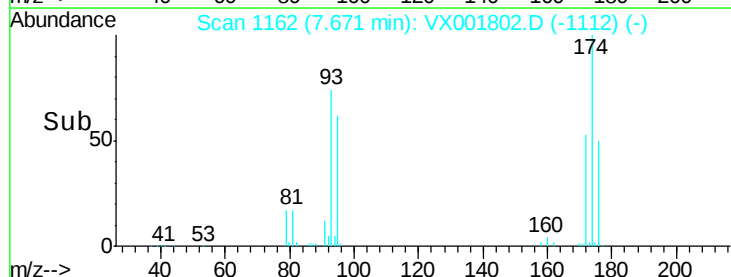
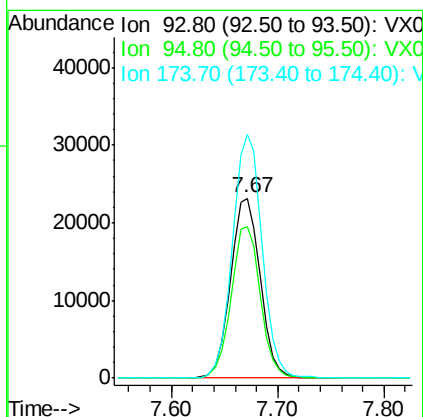
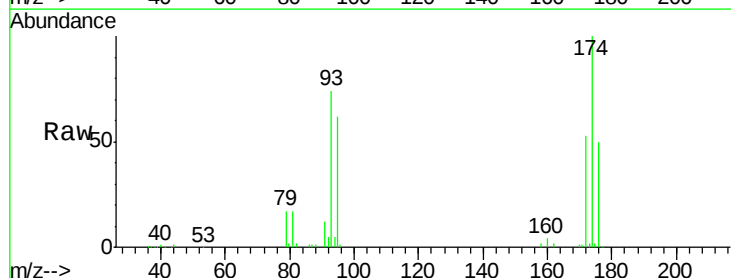
Tgt Ion: 93 Resp: 45383

Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 134.9 106.2 159.2





#47

Bromodichloromethane

Concen: 22.23 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

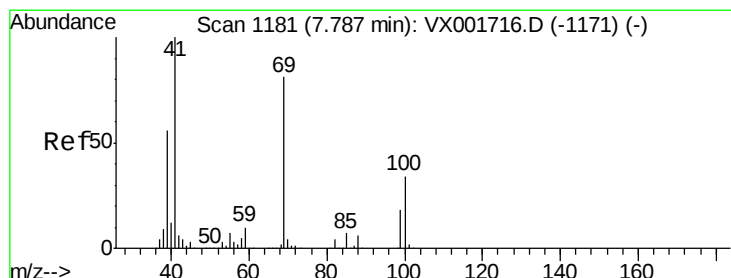
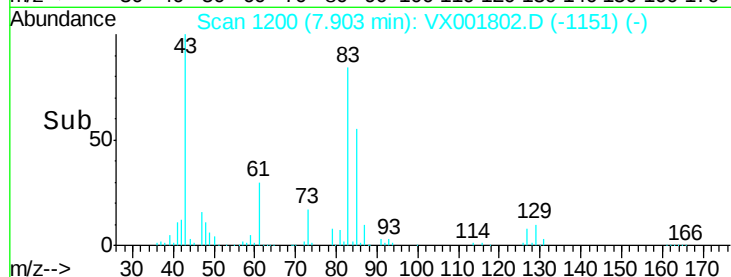
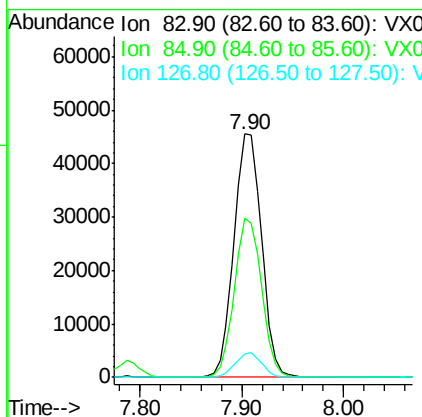
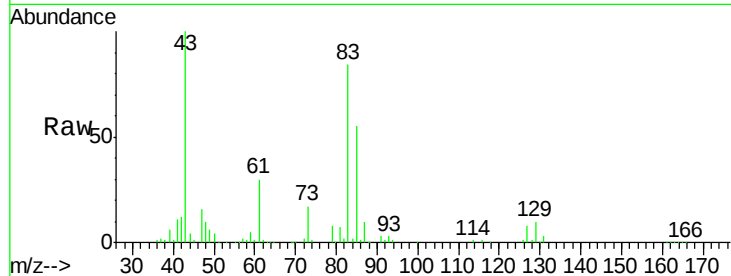
ClientSampleId :

VX0517WBSD01

Tot Ion:	83	Resp:	85197
Ion Ratio	Lower	Upper	
83	100		
85	65.4	49.6	74.4
127	9.7	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.18 ug/l

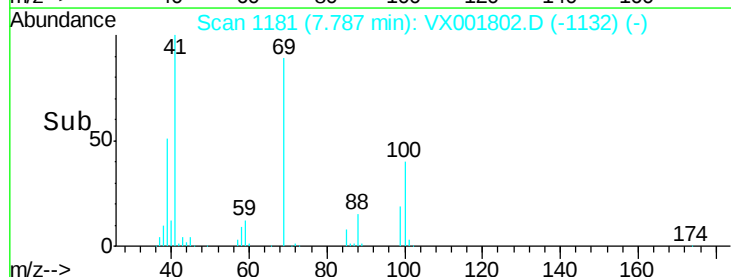
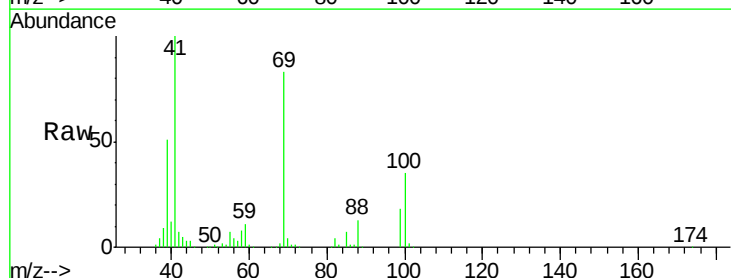
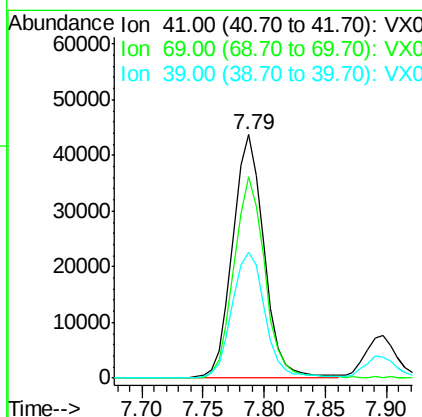
RT: 7.79 min Scan# 1181

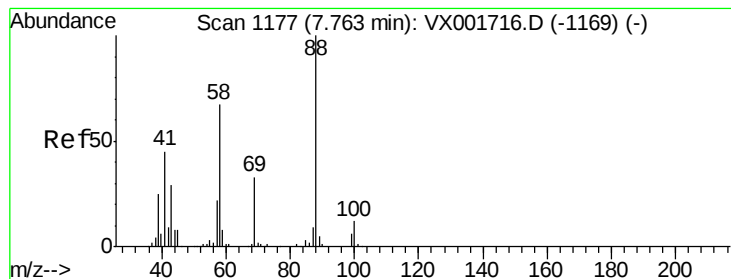
Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion:	41	Resp:	77482
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.2	97.8
39	53.7	44.5	66.7





#49

1,4-Dioxane

Concen: 542.17 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

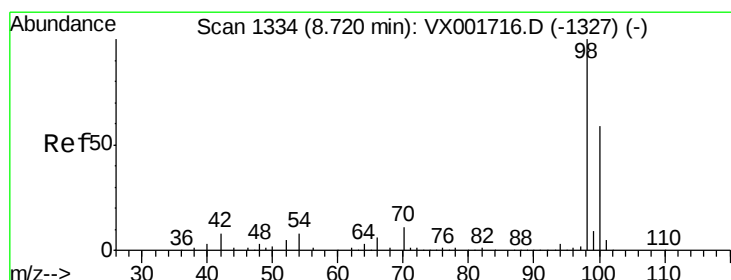
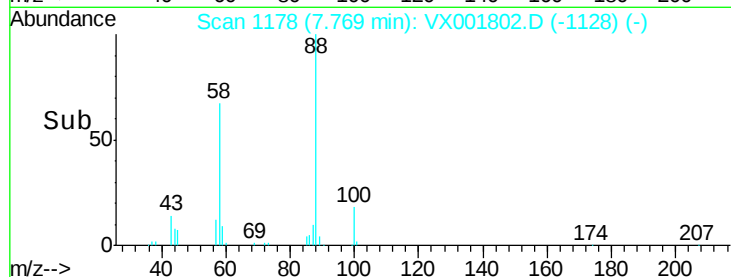
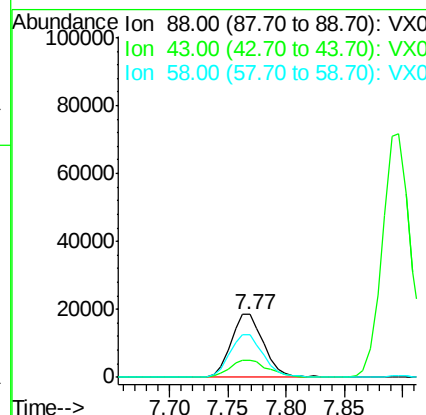
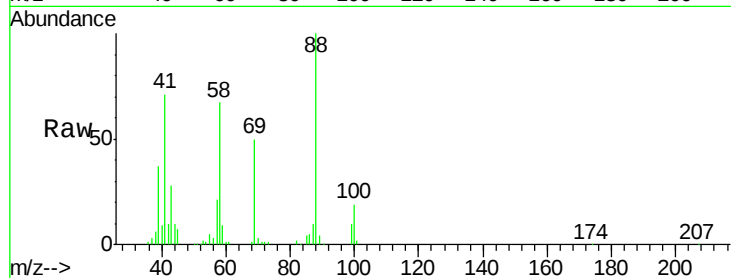
ClientSampleId :

VX0517WBSD01

Tot Ion:	88	Resp:	36460
Ion	Ratio	Lower	Upper
88	100		
43	30.6	27.3	40.9
58	70.1	55.9	83.9

Manual Integrations
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#50

Toluene-d8

Concen: 54.71 ug/l

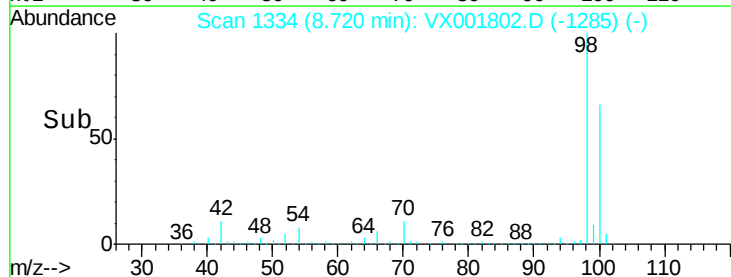
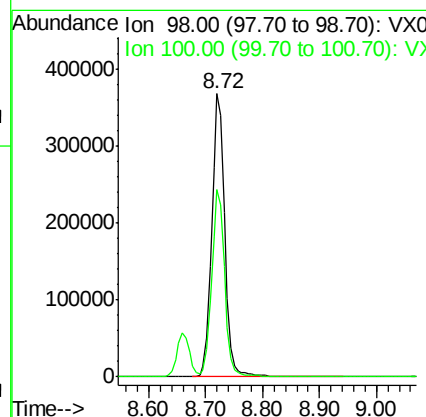
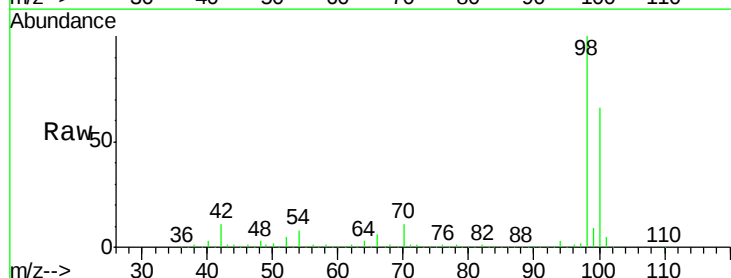
RT: 8.72 min Scan# 1334

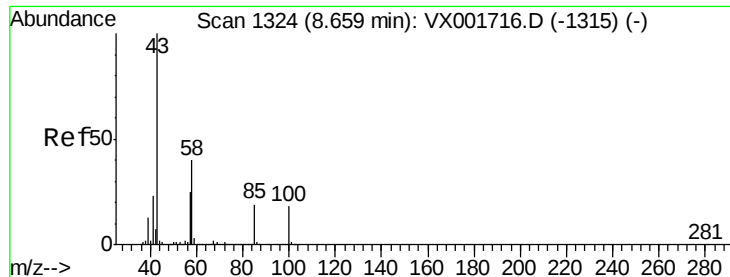
Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion:	98	Resp:	584342
Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.0	81.0





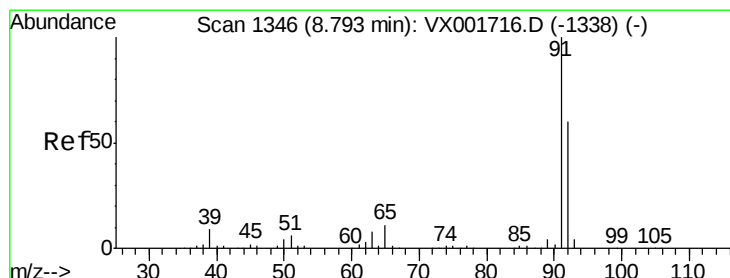
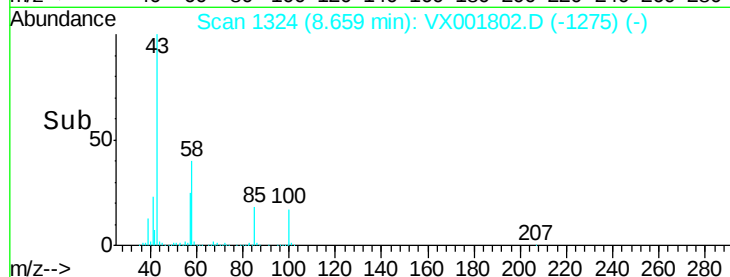
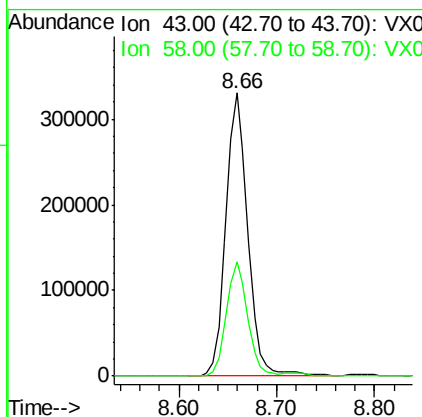
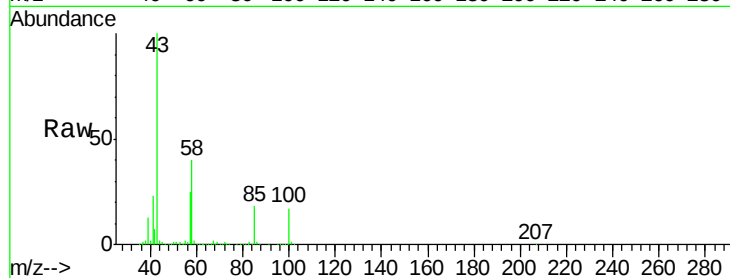
#51
4-Methyl-2-Pentanone
Concen: 122.30 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampled :
VX0517WBSD01

Tot Ion	43	Resp	514277
Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.4	47.0

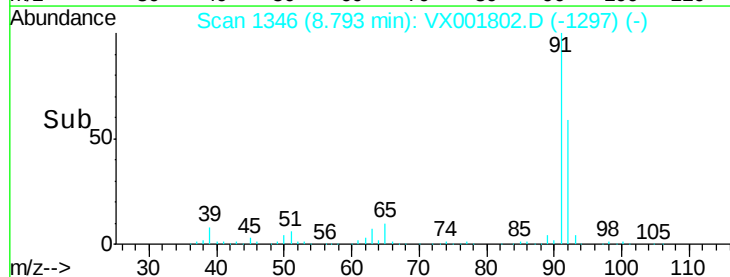
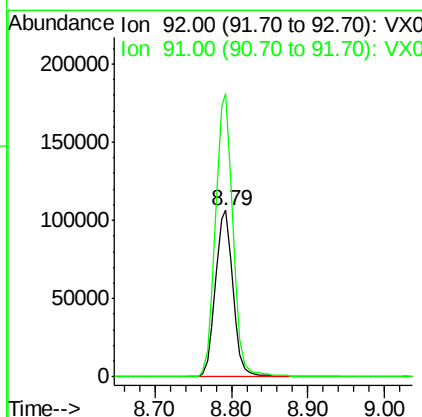
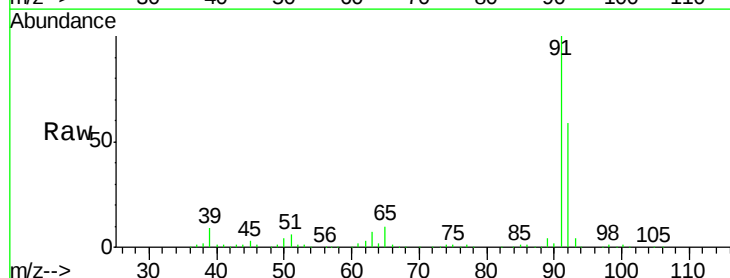
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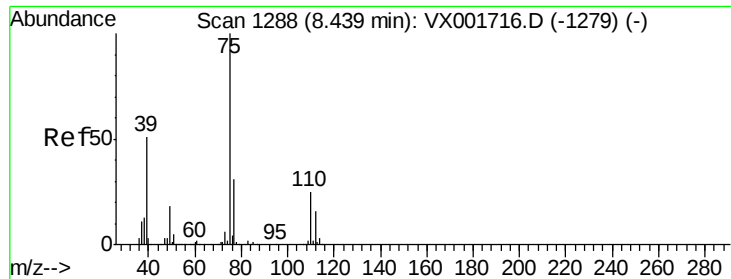
MMDadoda
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#52
Toluene
Concen: 22.05 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	92	Resp	169797
Ion	Ratio	Lower	Upper
92	100		
91	168.5	135.5	203.3





#53

t-1,3-Dichloropropene

Concen: 21.13 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 75 Resp: 95280

Ion Ratio Lower Upper

75 100

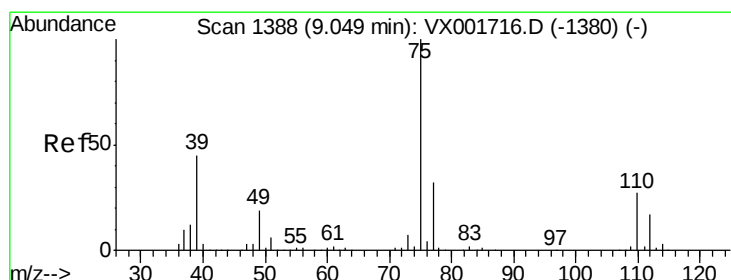
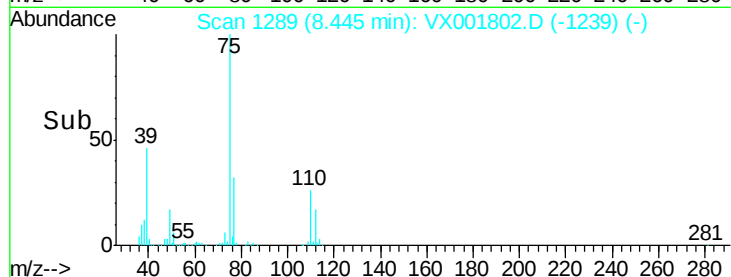
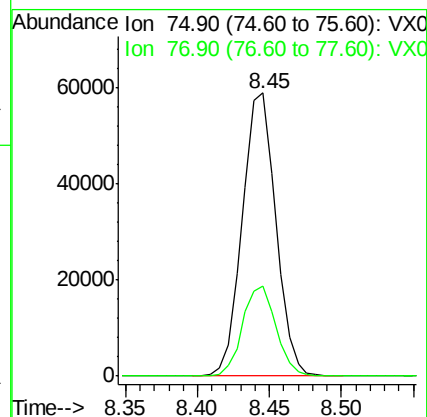
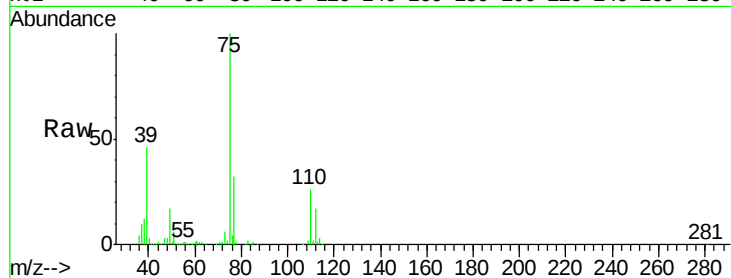
77 31.9 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.63 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

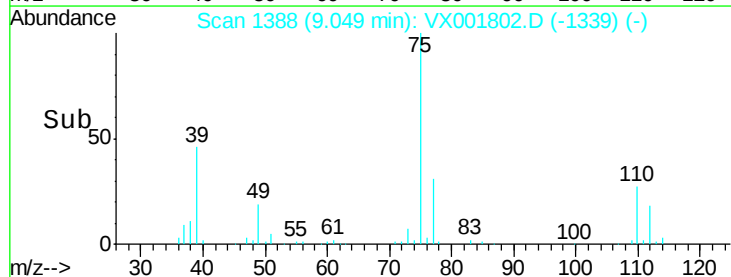
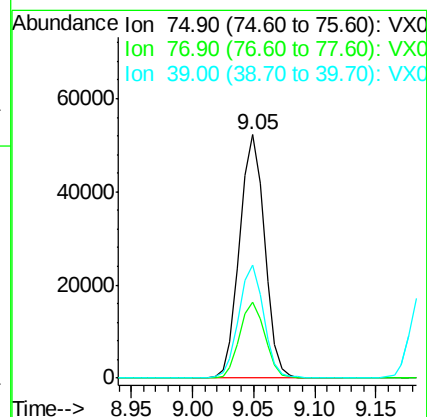
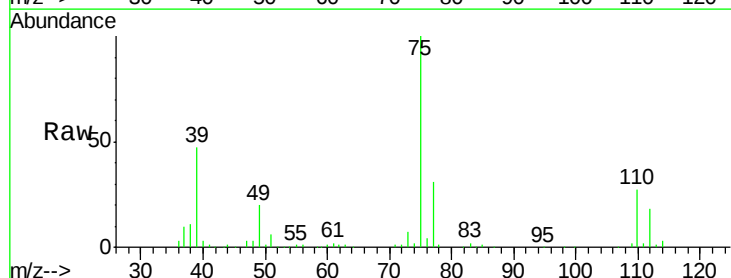
Tgt Ion: 75 Resp: 74047

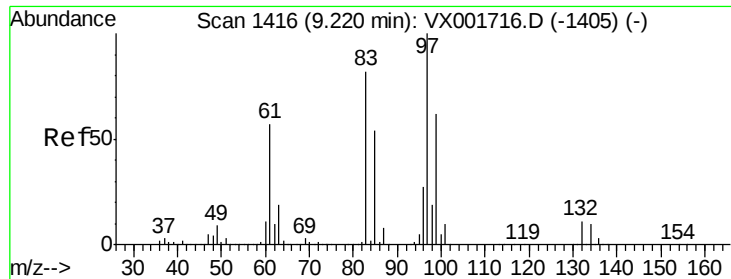
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 46.3 36.1 54.1





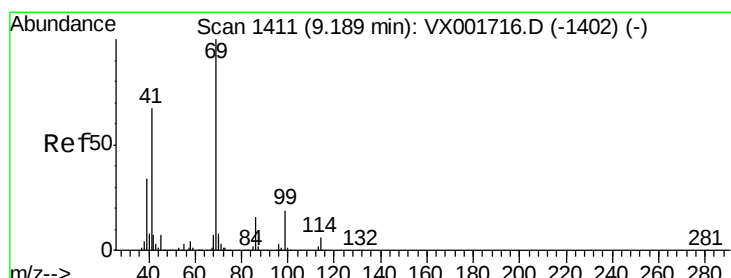
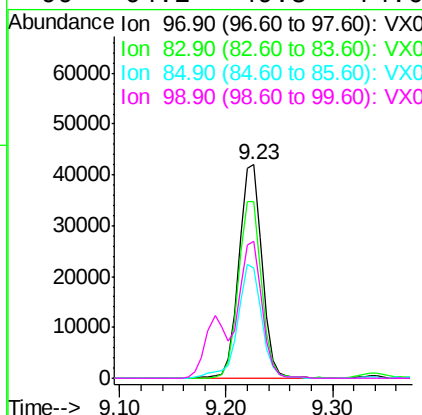
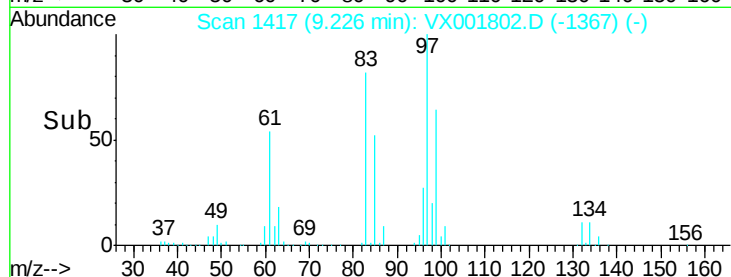
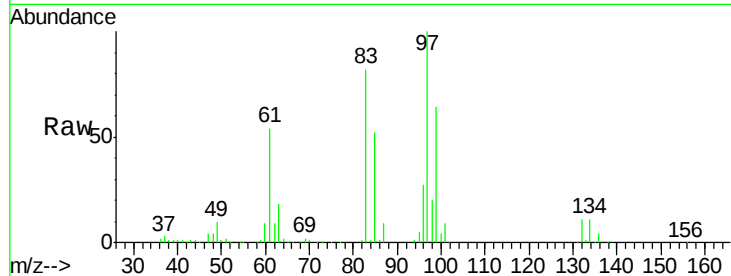
#55
 1,1,2-Trichloroethane
 Concen: 21.79 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion:	97	Resp:	64154
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.8
85	51.6	43.4	65.0
99	64.2	49.8	74.6

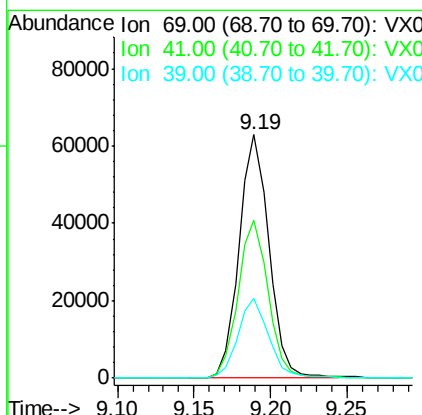
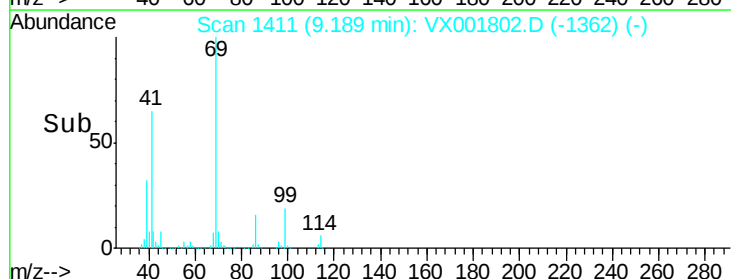
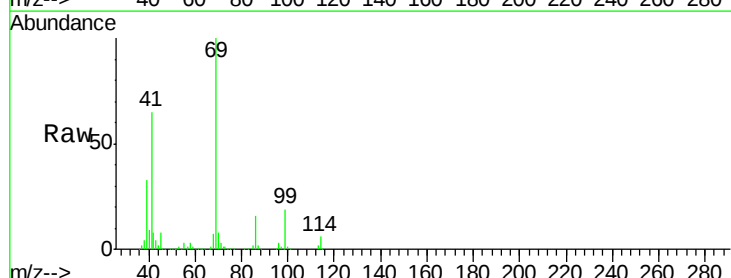
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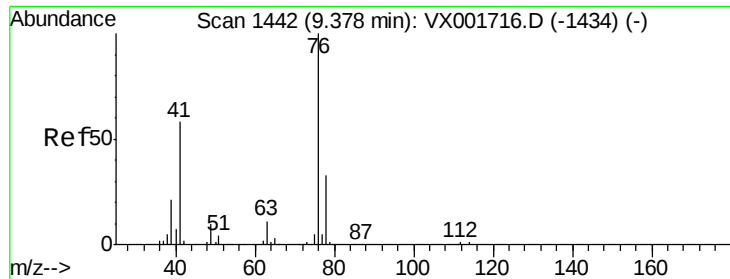
MMDadoda
 5/21/2018 12:52:51 PM



#56
 Ethyl methacrylate
 Concen: 20.46 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion:	69	Resp:	85402
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.5	80.3
39	33.6	27.2	40.8





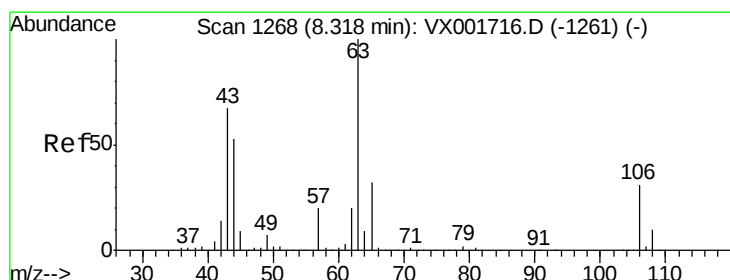
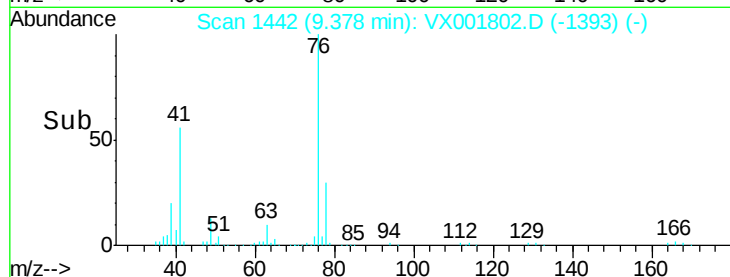
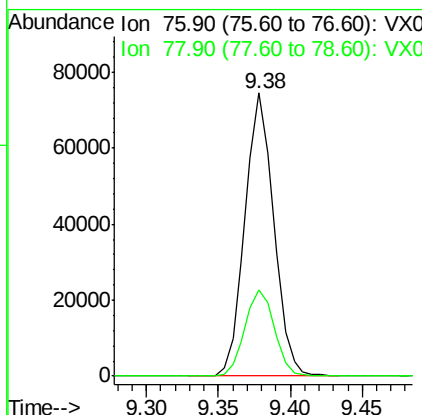
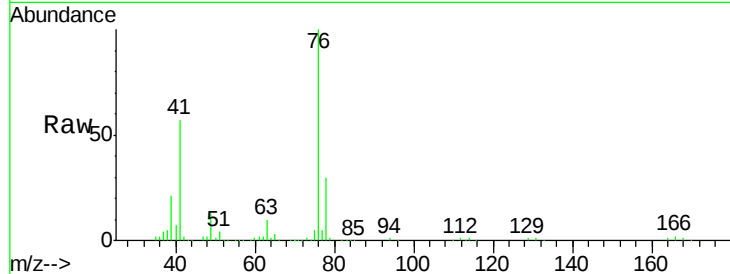
#57
 1,3-Dichloropropane
 Concen: 20.94 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion: 76 Resp: 103221
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.6

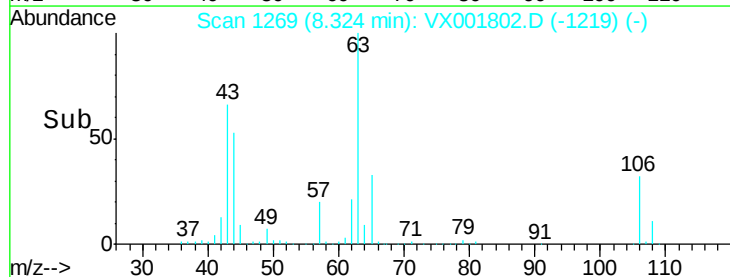
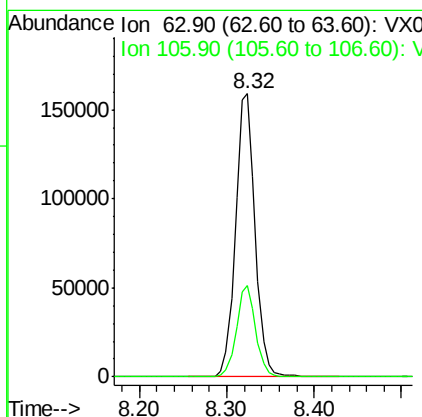
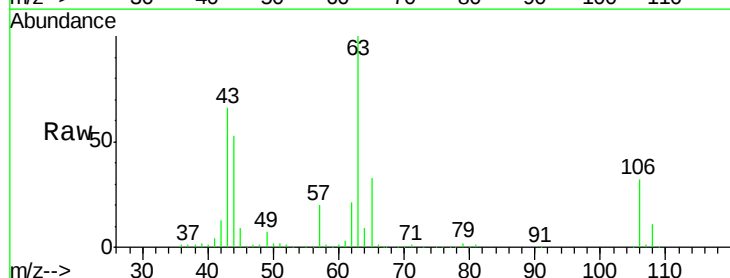
Manual Integrations
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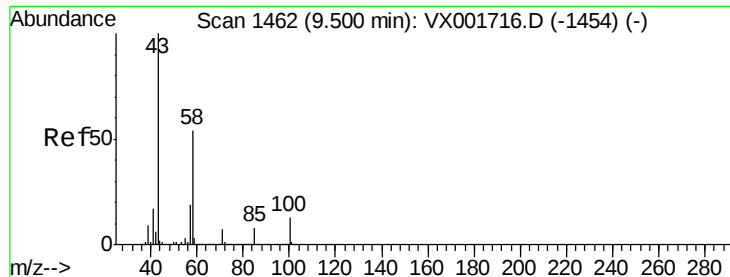
MMDadoda
 5/21/2018 12:52:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.69 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 63 Resp: 248453
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.1 37.7





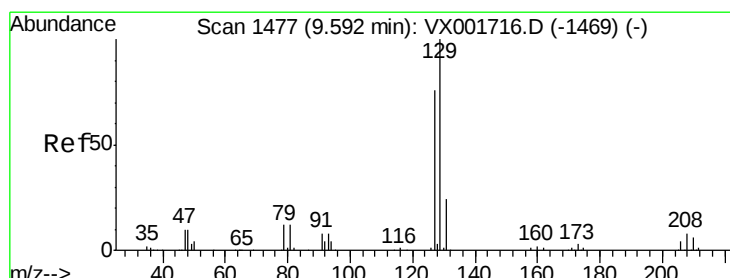
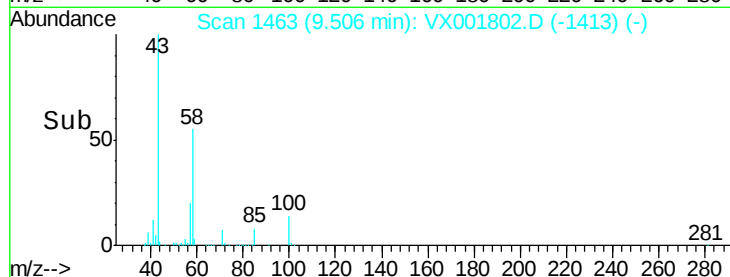
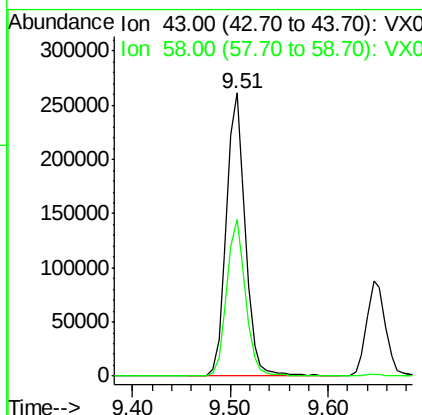
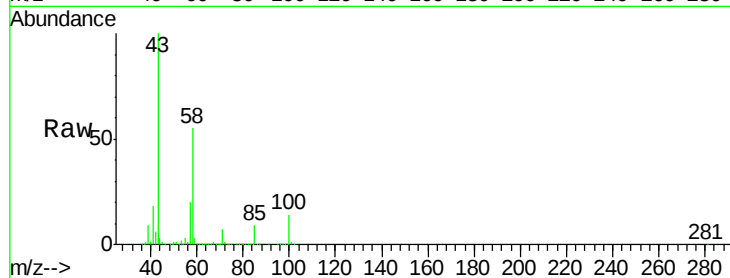
#59
2-Hexanone
Concen: 116.97 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion: 43 Resp: 352103
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

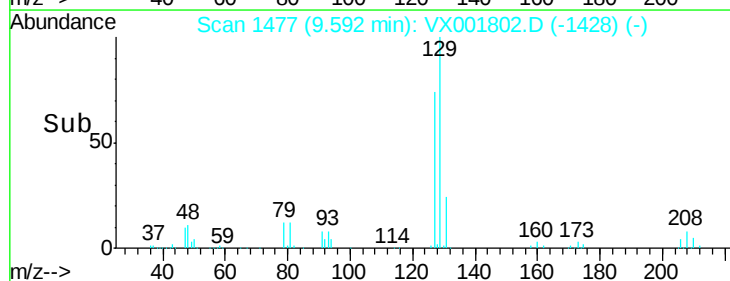
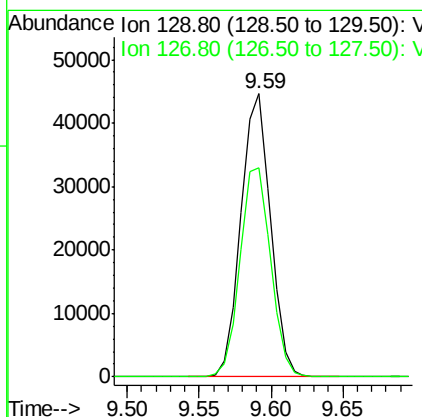
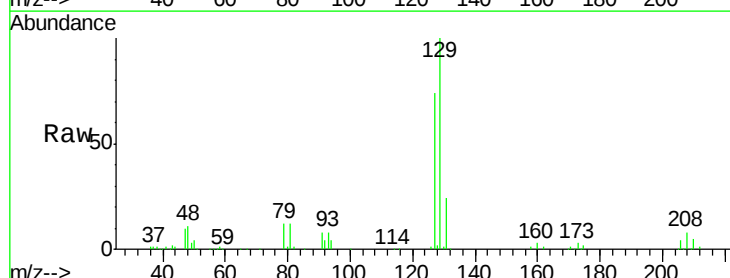
Manual Integrations
APPROVED

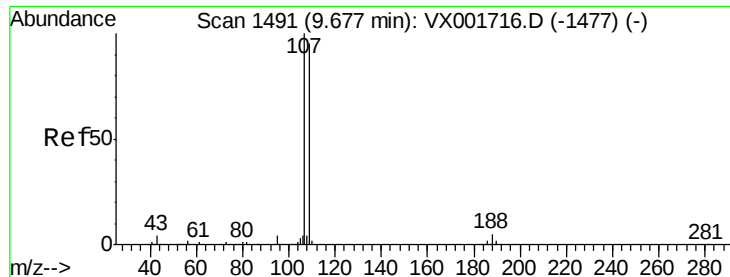
MMDadoda
5/21/2018 12:52:51 PM



#60
Dibromochloromethane
Concen: 21.10 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 129 Resp: 63610
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.62 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion:107 Resp: 66631

Ion Ratio Lower Upper

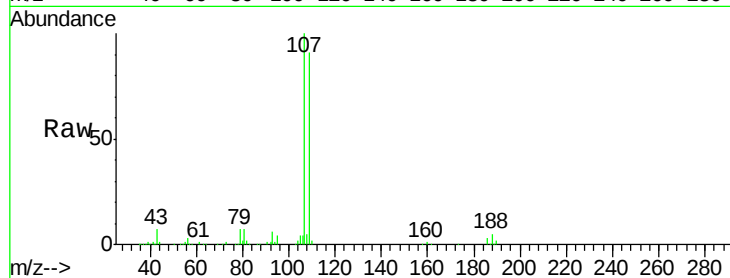
107 100

109 91.9 76.2 114.2

Manual Integrations
APPROVED

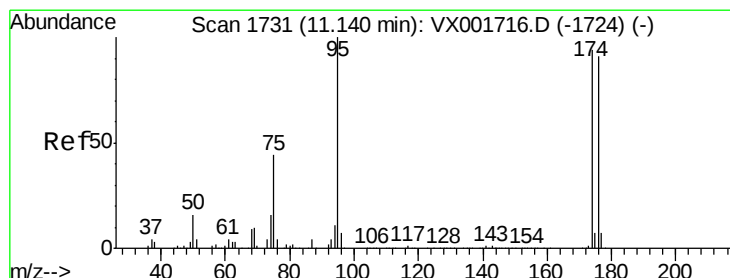
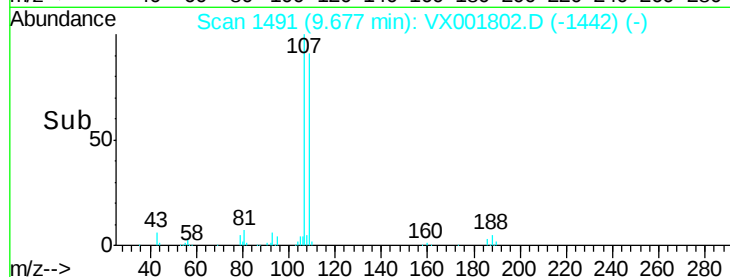
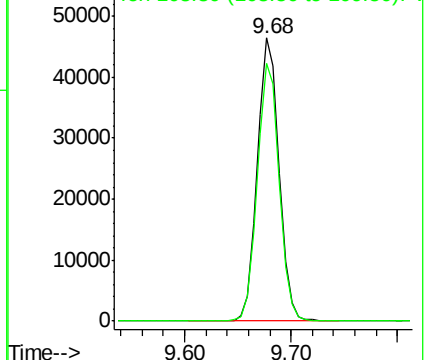
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

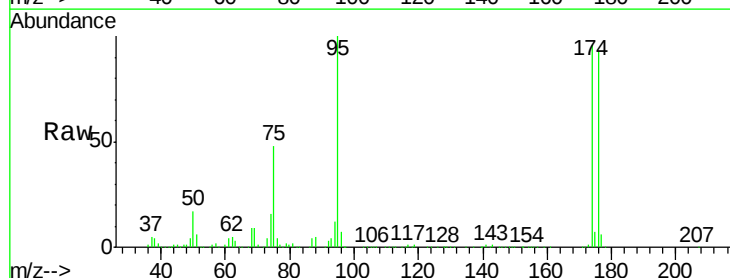
Tgt Ion: 95 Resp: 183955

Ion Ratio Lower Upper

95 100

174 103.7 0.0 201.8

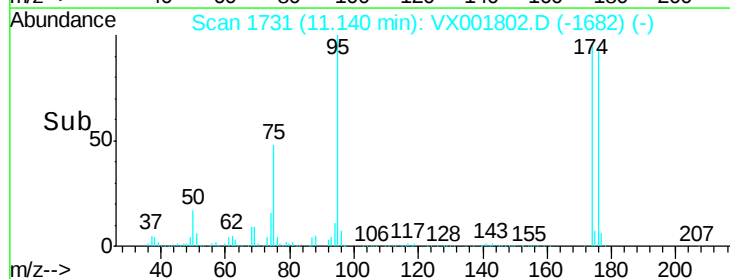
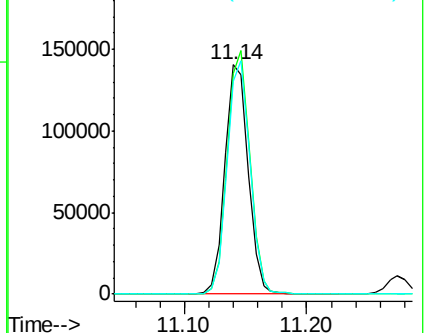
176 100.1 0.0 196.8

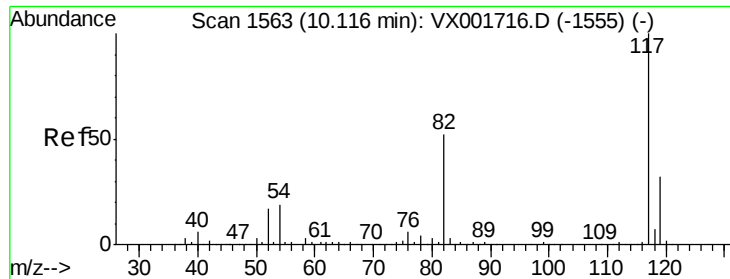


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





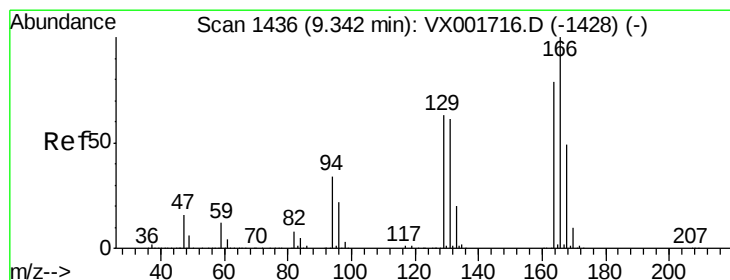
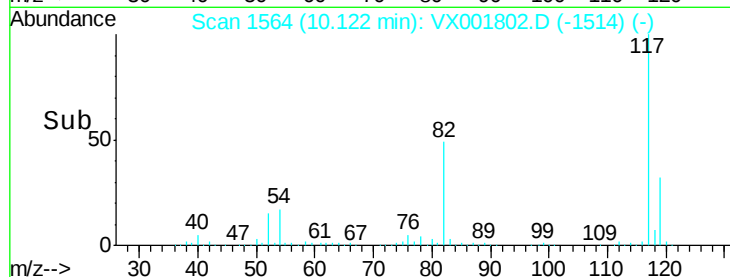
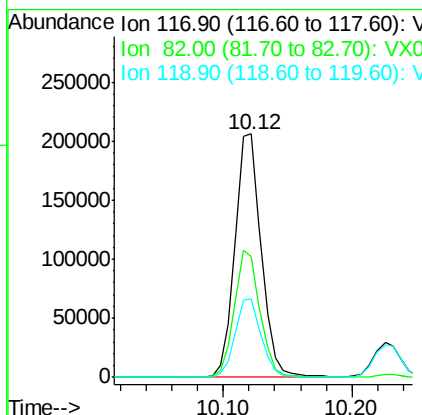
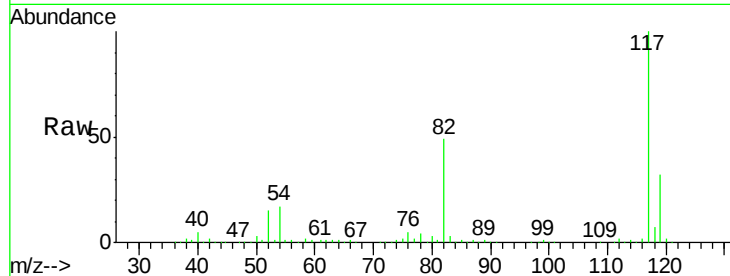
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampled :
VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	293418		
82	49.4		41.4	62.2
119	32.4		25.6	38.4

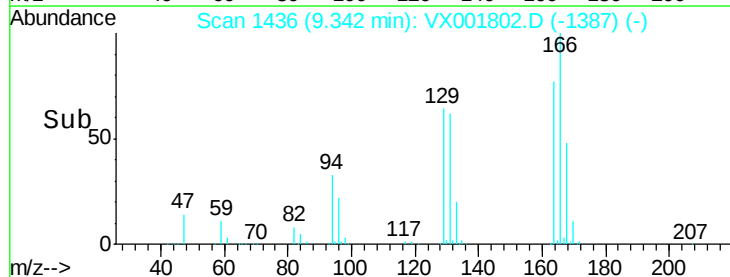
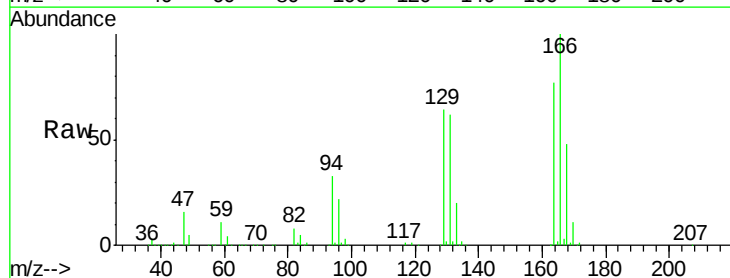
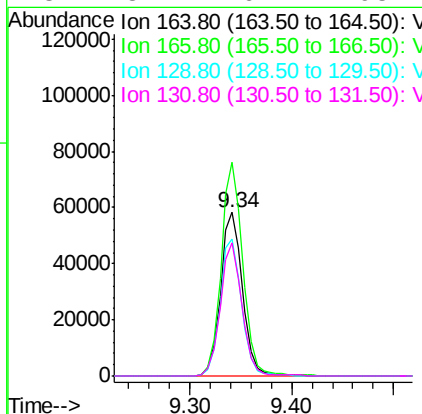
Manual Integrations
APPROVED

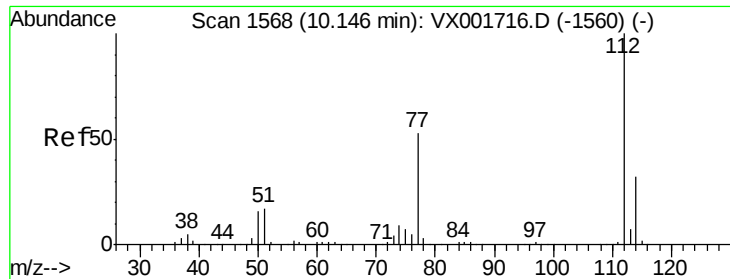
MMDadoda
5/21/2018 12:52:51 PM



#64
Tetrachloroethene
Concen: 22.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86982		
166	130.5		101.8	152.8
129	83.3		63.8	95.6
131	81.1		62.2	93.2





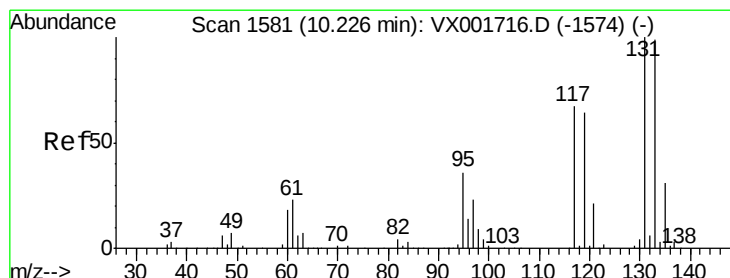
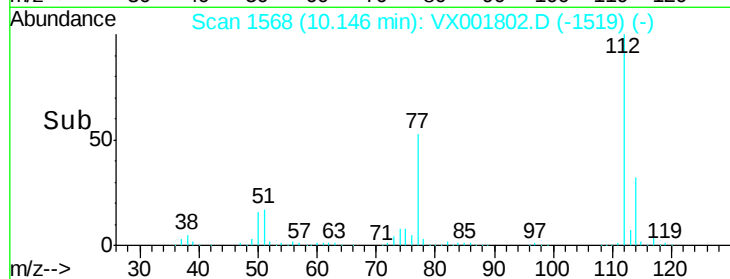
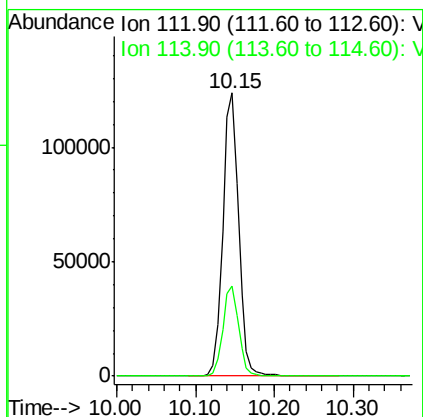
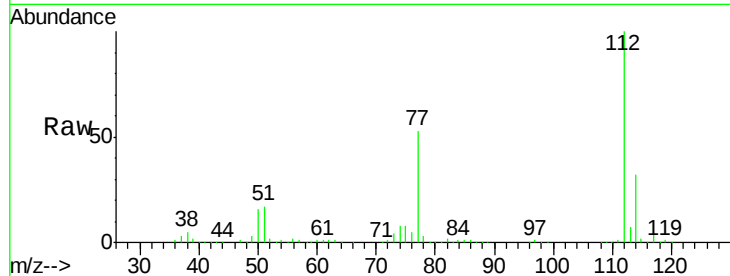
#65
Chlorobenzene
Concen: 21.33 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion:112 Resp: 172154
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

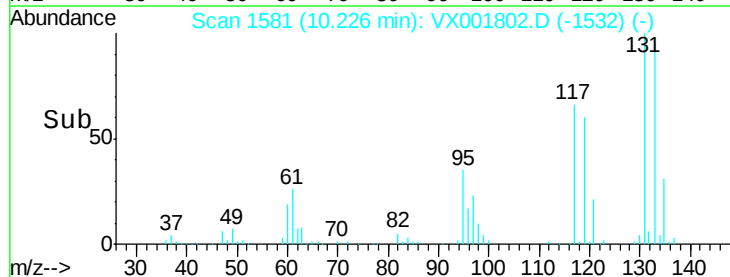
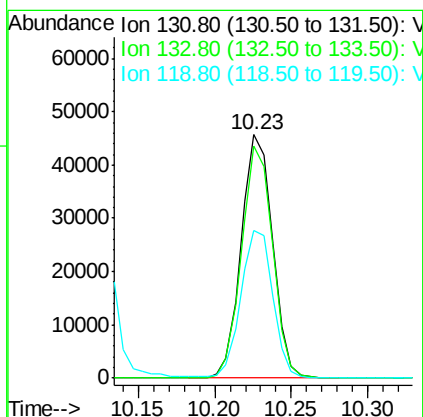
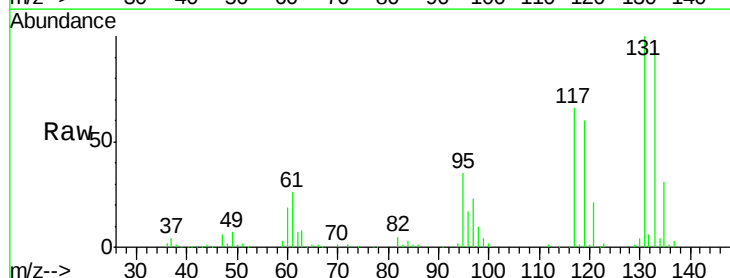
Manual Integrations
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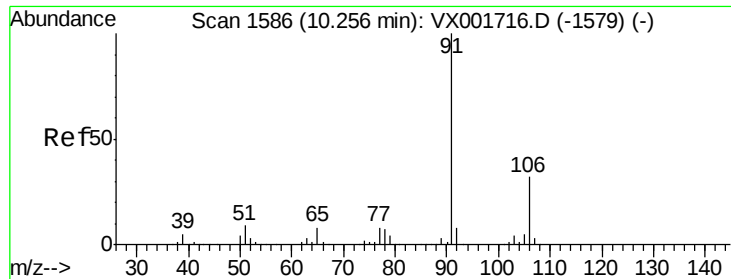
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:131 Resp: 64892
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.6
119 62.0 31.9 95.5





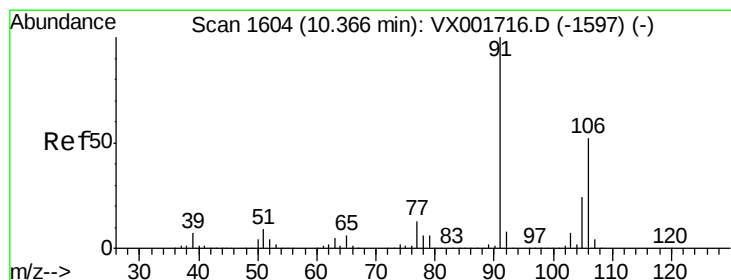
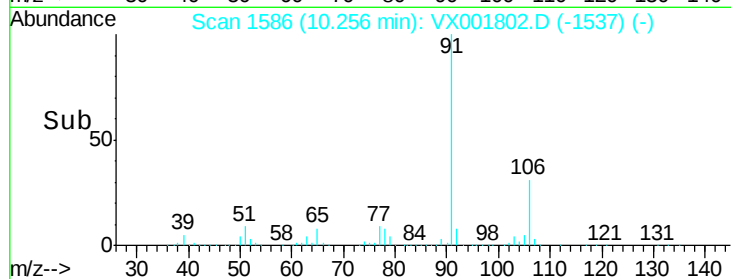
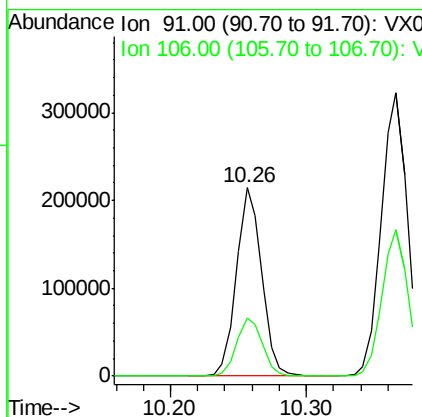
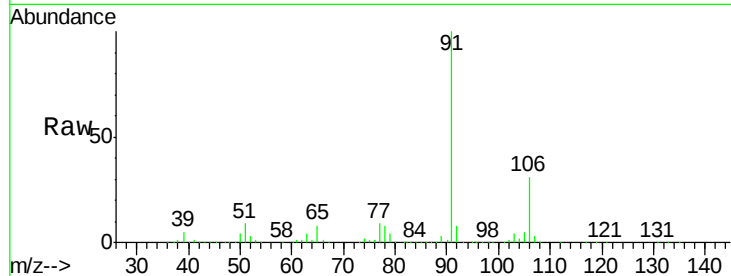
#67
Ethyl Benzene
Concen: 21.49 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampled :
VX0517WBSD01

Tot Ion: 91 Resp: 277129
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

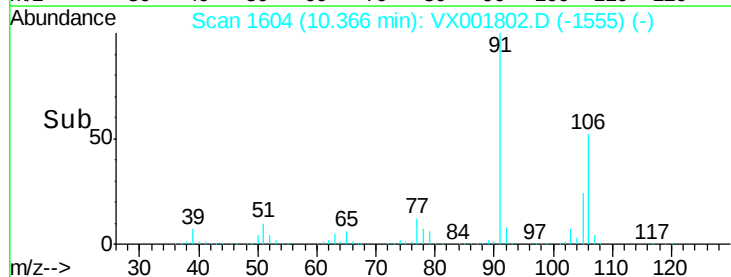
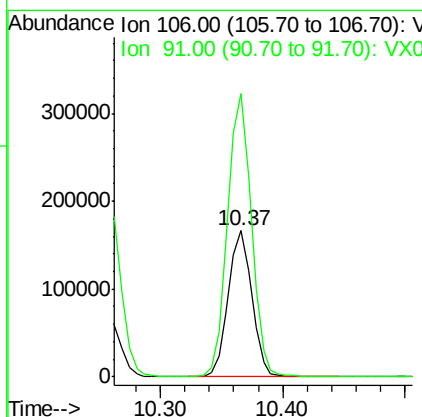
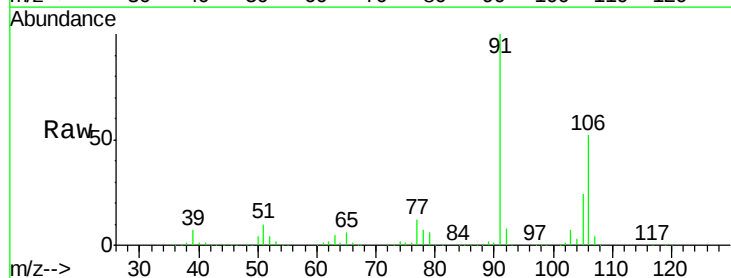
Manual Integrations
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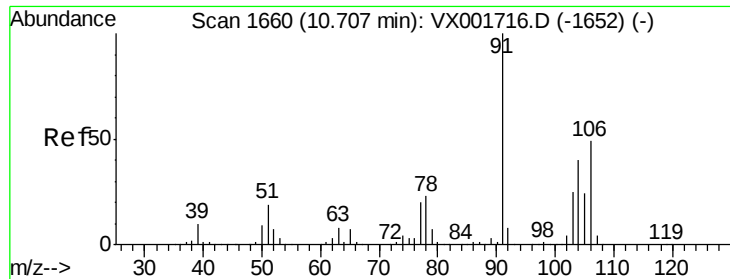
MMDadoda
5/21/2018 12:52:51 PM



#68
m/p-Xylenes
Concen: 43.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion: 106 Resp: 221589
Ion Ratio Lower Upper
106 100
91 196.8 155.4 233.2





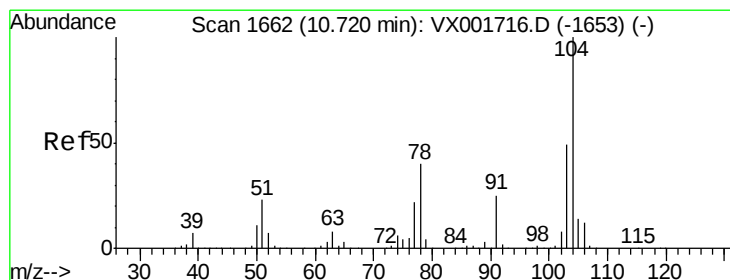
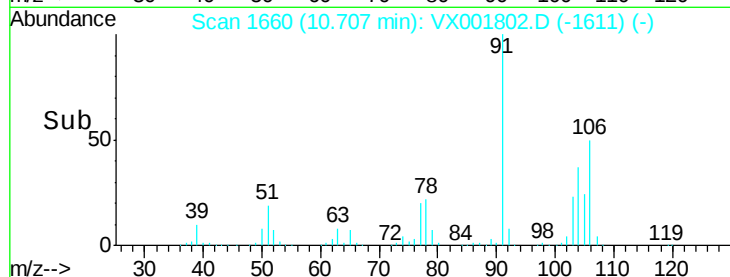
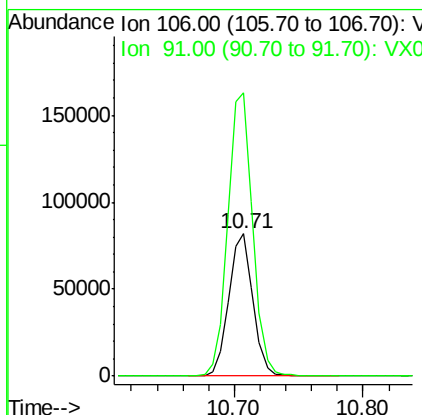
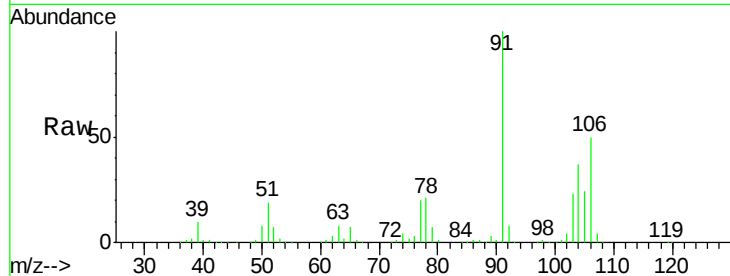
#69
o-Xylene
Concen: 22.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampled :
VX0517WBSD01

Tot Ion:106 Resp: 108025
Ion Ratio Lower Upper
106 100
91 204.9 103.4 310.2

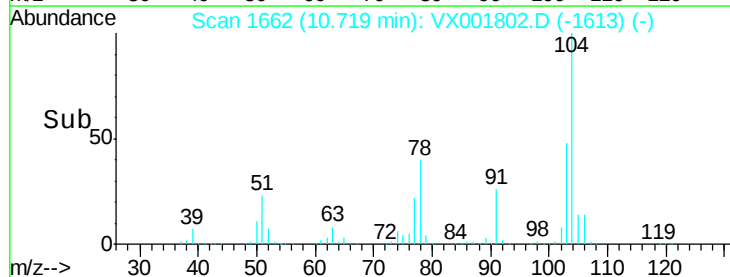
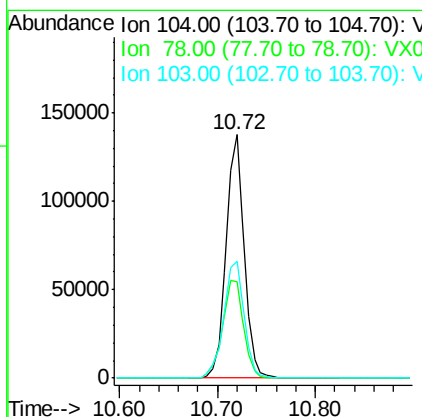
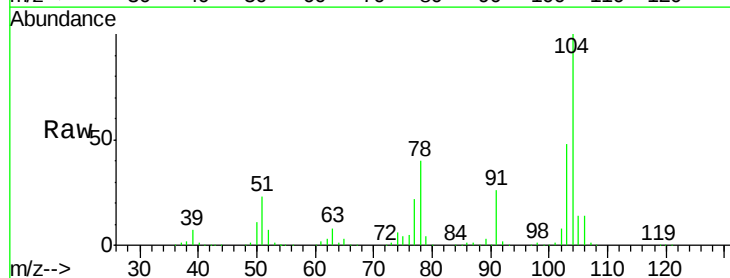
Manual Integrations
APPROVED

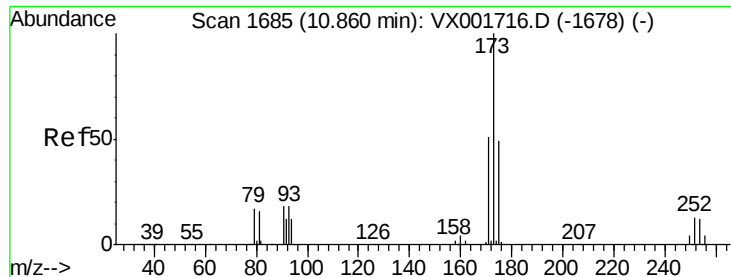
MMDadoda
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#70
Styrene
Concen: 22.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion:104 Resp: 177051
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 54.2 43.7 65.5





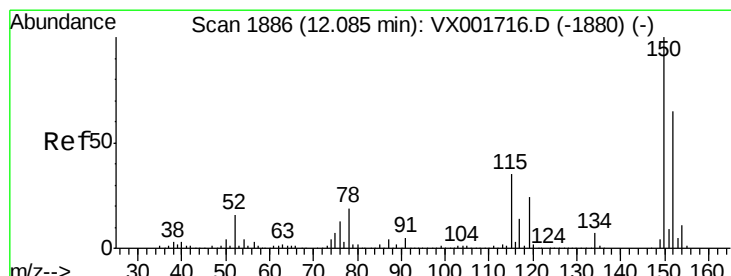
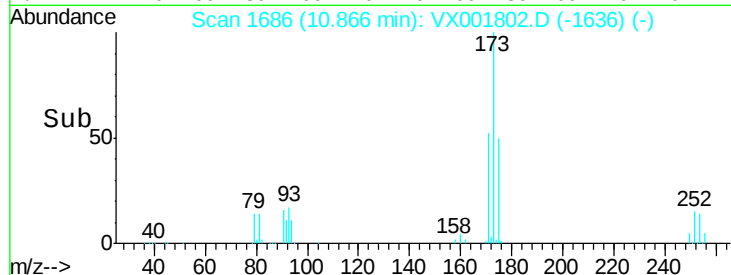
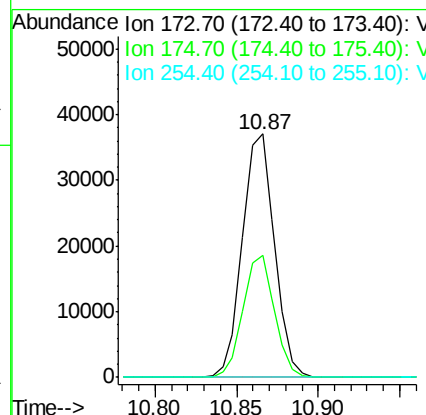
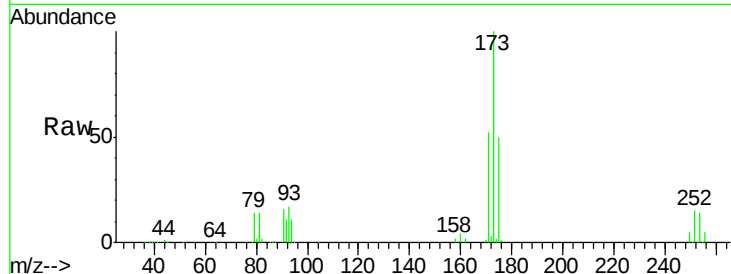
#71
Bromoform
Concen: 21.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.2

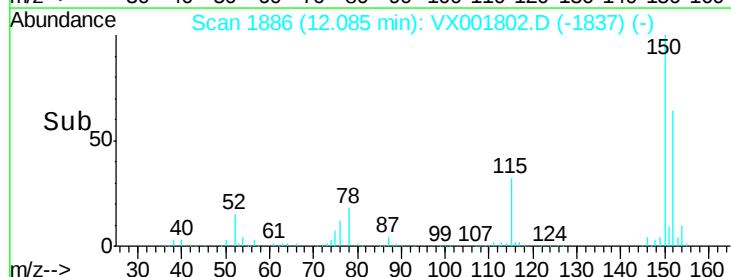
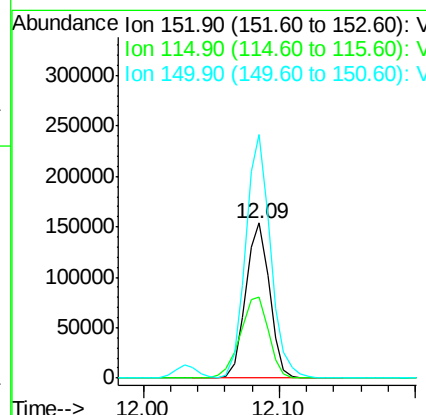
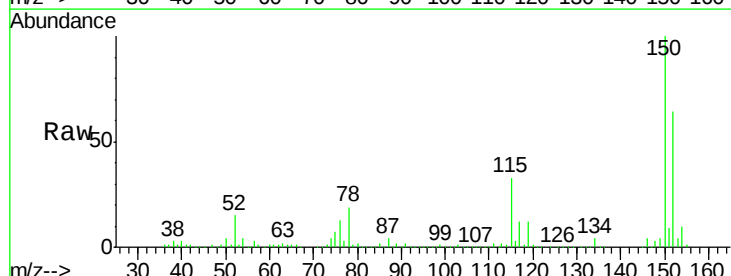
Manual Integrations
APPROVED

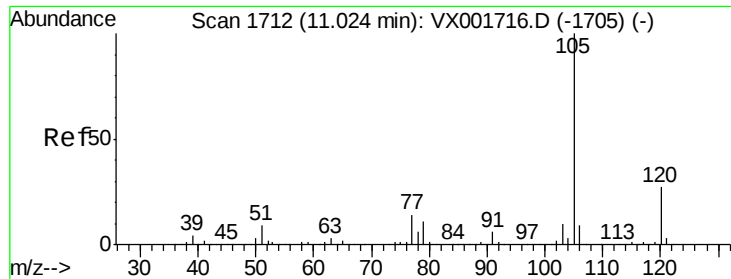
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	37.4	112.2
150	162.7	0.0	344.8





#73

Isopropylbenzene

Concen: 23.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion:105 Resp: 291550

Ion Ratio Lower Upper

105 100

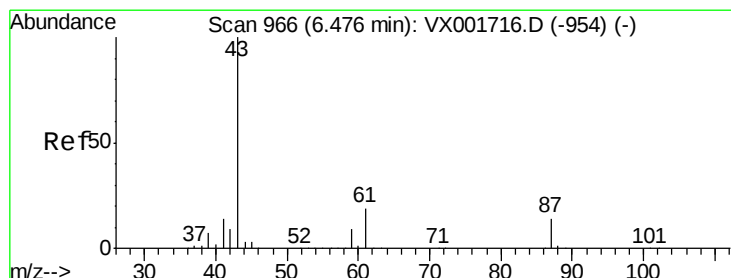
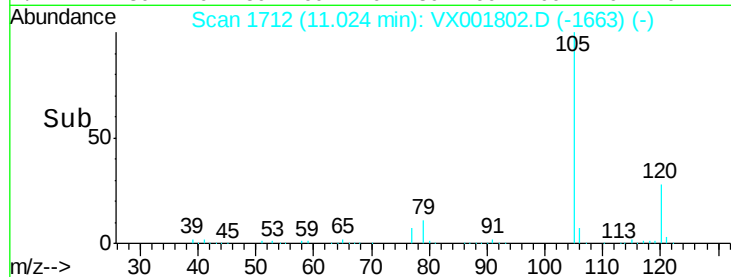
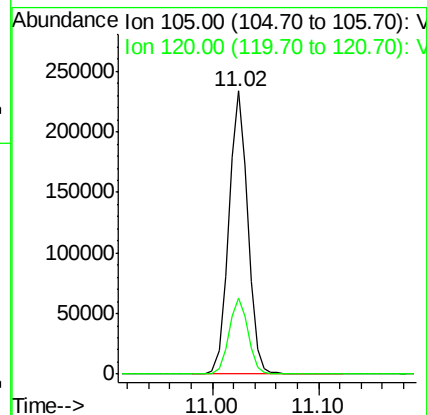
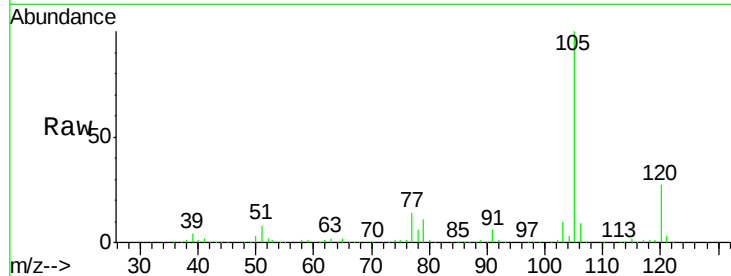
120 27.0 13.8 41.3

Manual Integrations

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MMDadoda

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#74

N-ethyl acetate

Concen: 24.48 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion: 43 Resp: 145027

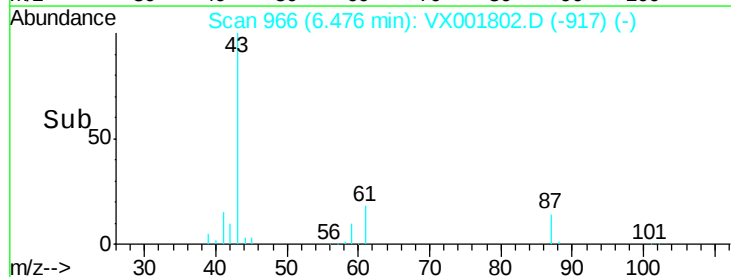
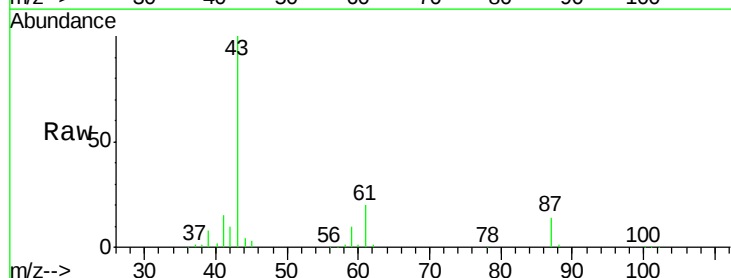
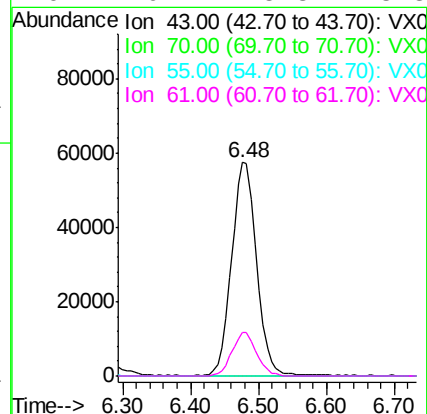
Ion Ratio Lower Upper

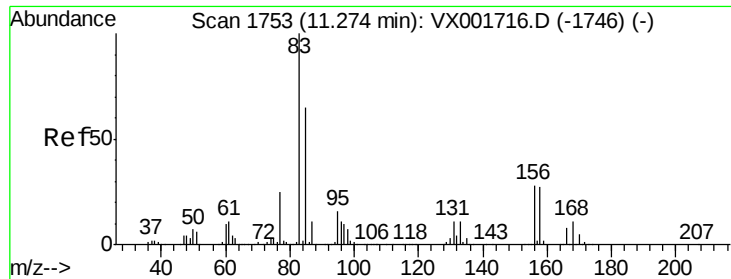
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.2 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

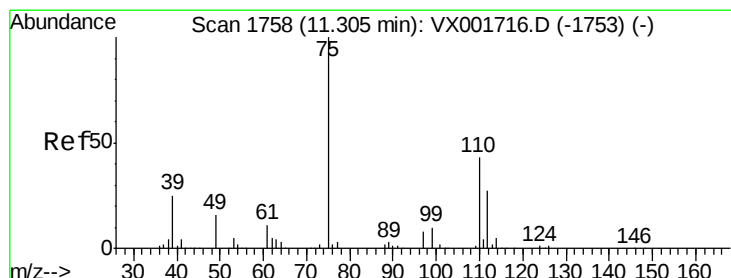
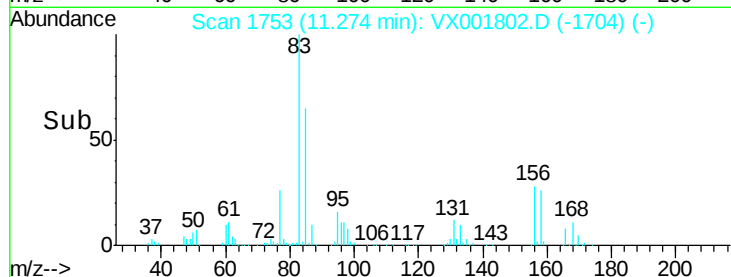
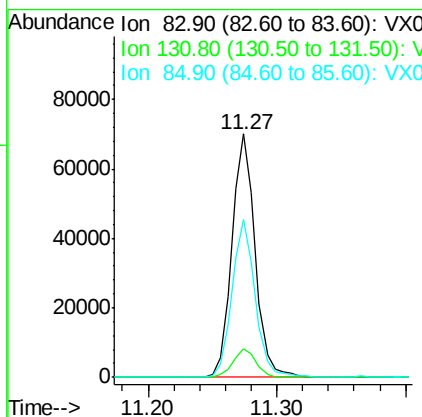
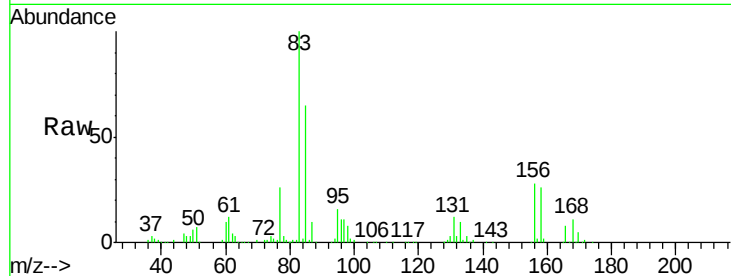
ClientSampleId :

VX0517WBSD01

Tot Ion:	83	Resp:	88201
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.7	17.0
85	64.8	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.30 ug/l m

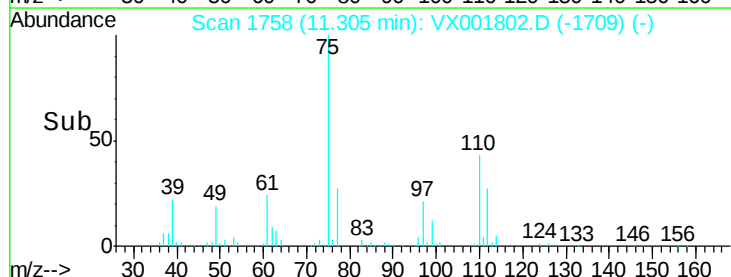
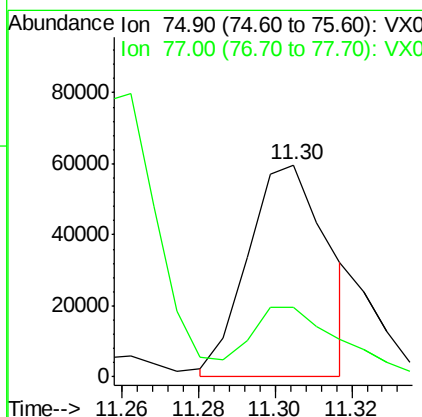
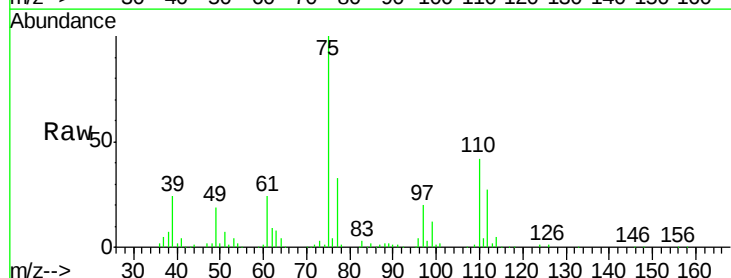
RT: 11.30 min Scan# 1758

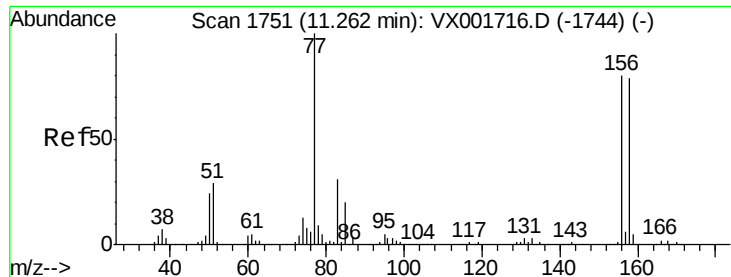
Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion:	75	Resp:	86694
Ion Ratio	Lower	Upper	
75	100		
77	37.1	18.9	56.7





#77

Bromobenzene

Concen: 22.92 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

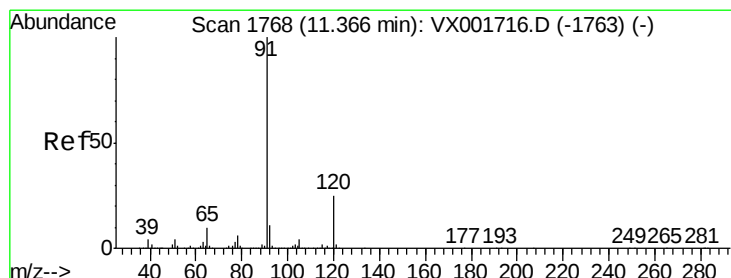
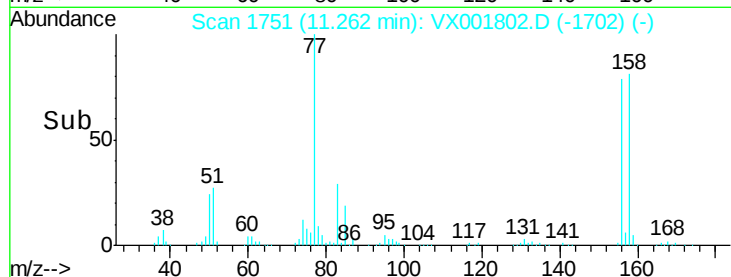
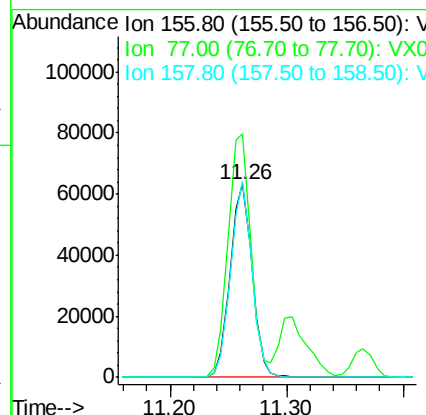
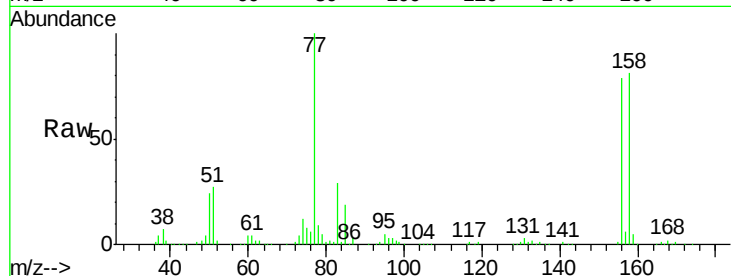
ClientSampleId :

VX0517WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		83220		
77	131.6	65.3	196.0		
158	98.2	49.1	147.3		

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#78

n-propylbenzene

Concen: 22.55 ug/l

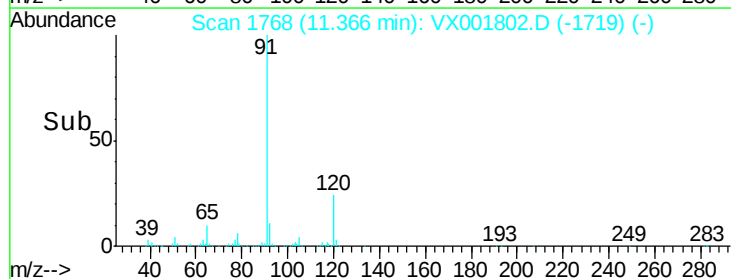
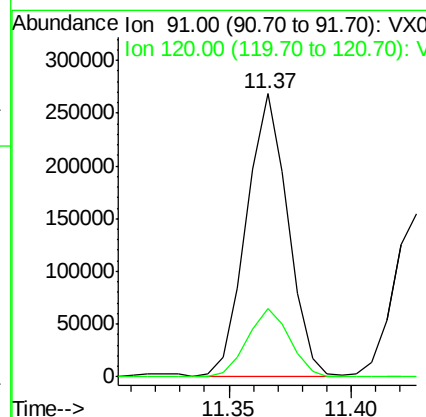
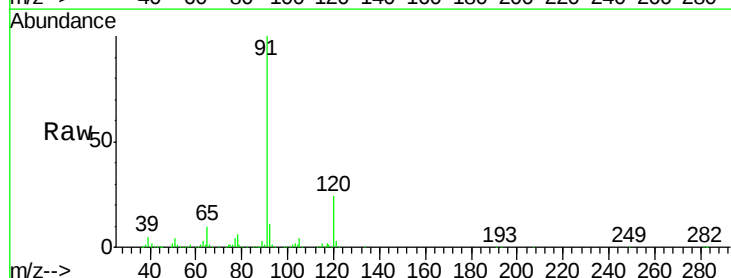
RT: 11.37 min Scan# 1768

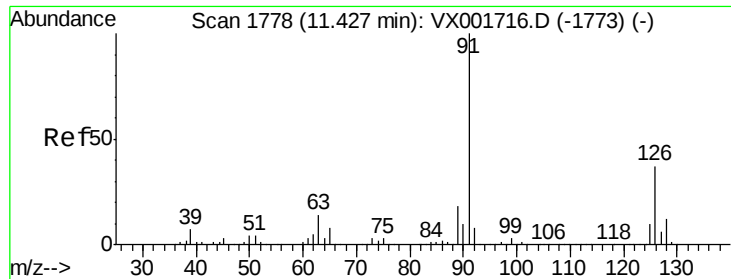
Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		313990		
120	24.8	12.5	37.5		





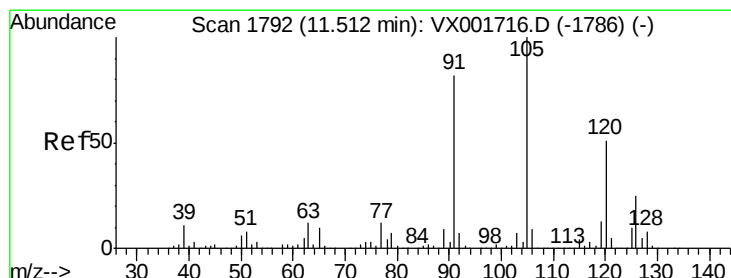
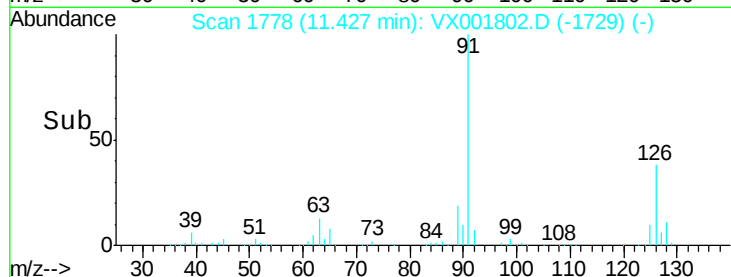
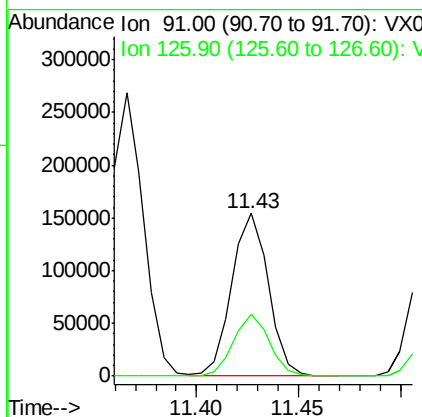
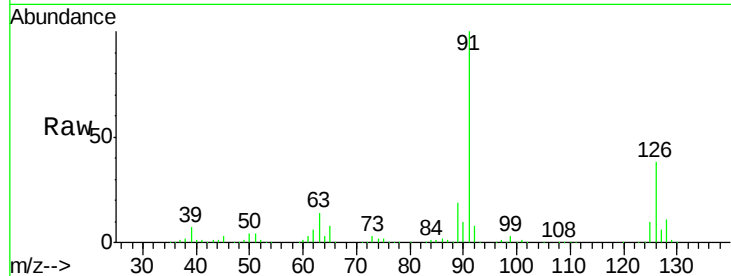
#79
 2-Chlorotoluene
 Concen: 22.88 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion: 91 Resp: 190478
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4

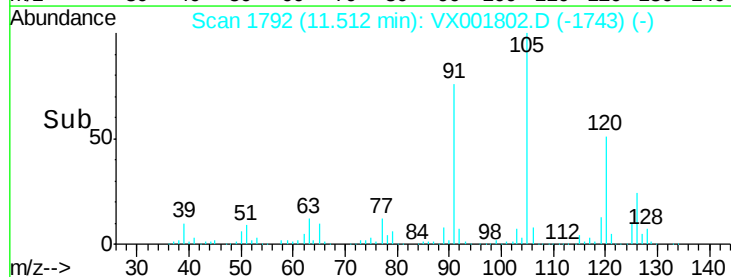
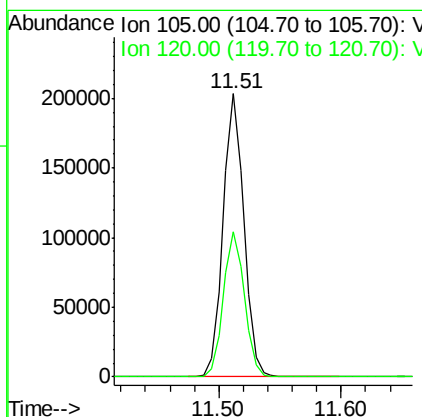
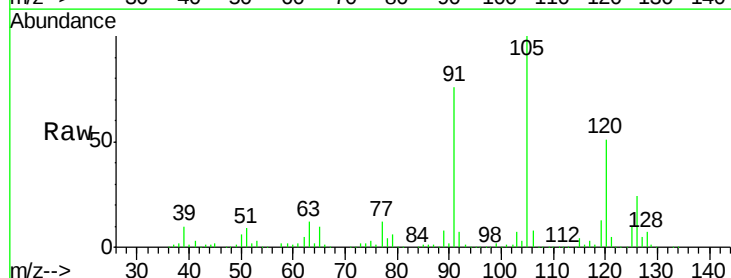
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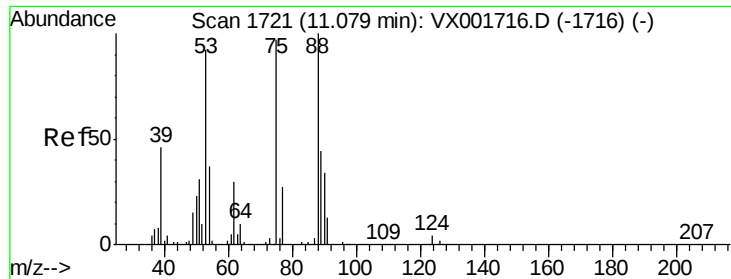
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#80
 1,3,5-Trimethylbenzene
 Concen: 23.64 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion: 105 Resp: 239704
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.58 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 75 Resp: 20870

Ion Ratio Lower Upper

75 100

53 114.0 79.4 119.2

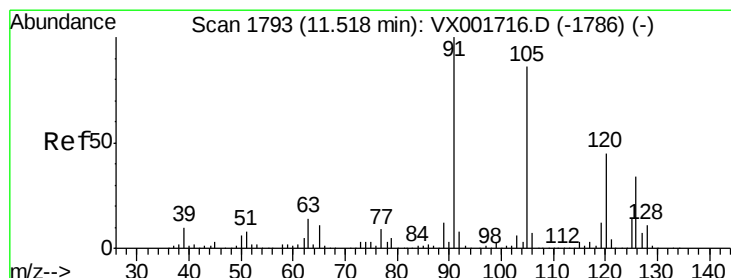
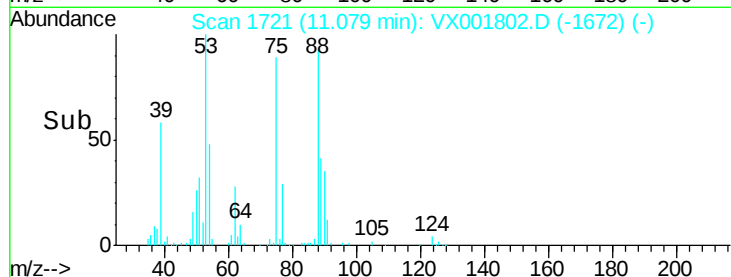
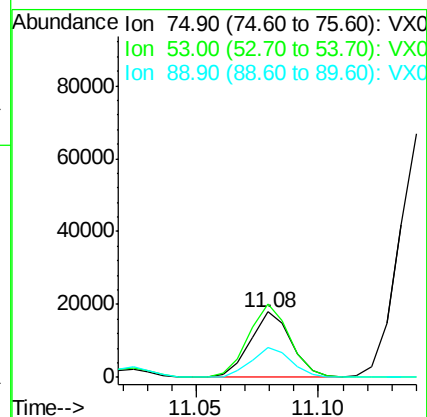
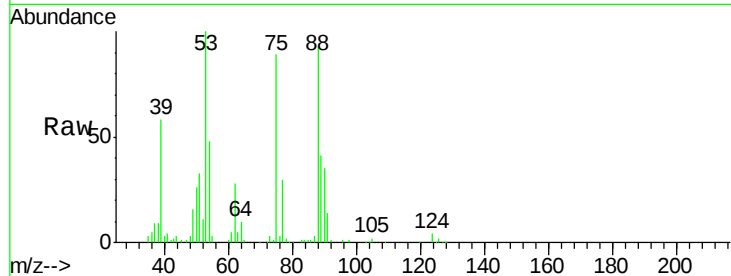
89 46.3 38.8 58.2

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#82

4-Chlorotoluene

Concen: 22.07 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001802.D

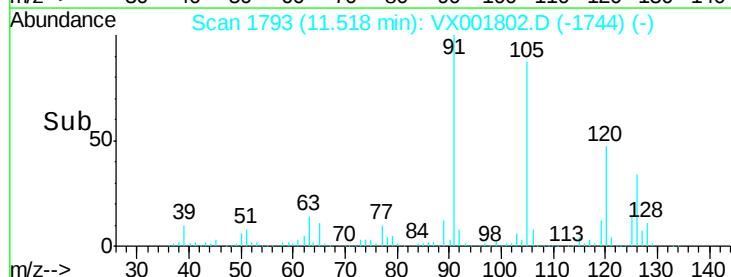
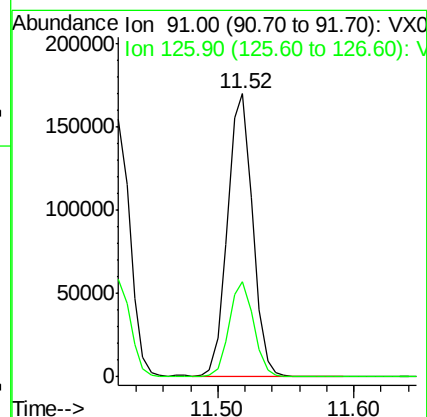
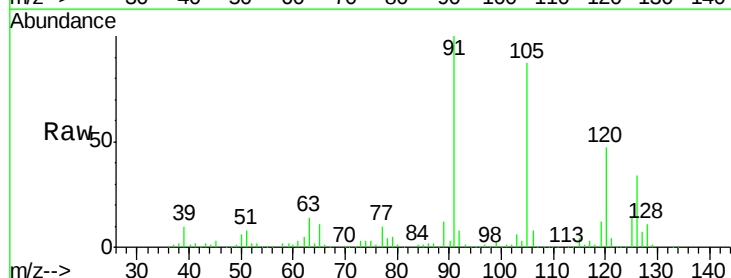
Acq: 17 May 2018 20:27

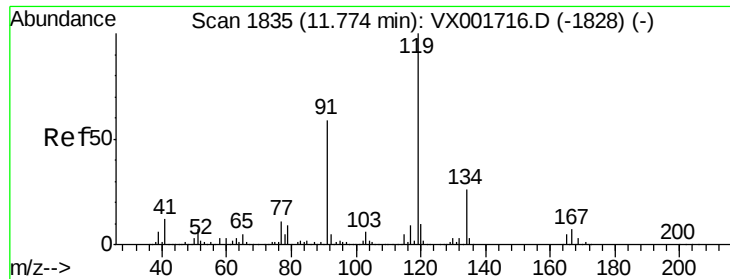
Tgt Ion: 91 Resp: 216513

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1





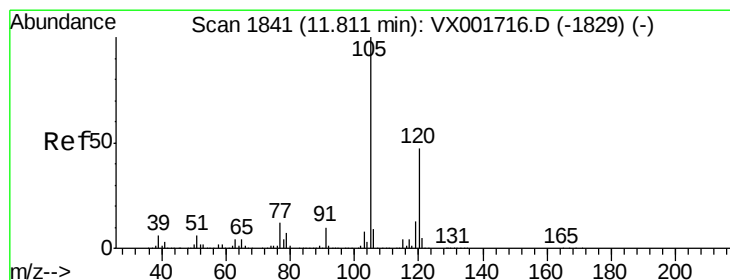
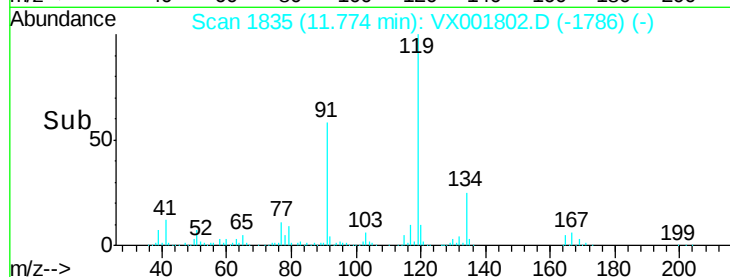
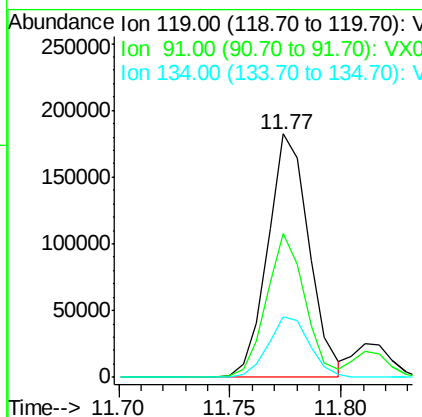
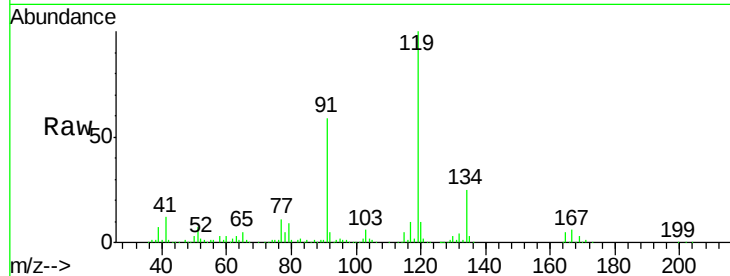
#83
 tert-Butylbenzene
 Concen: 23.17 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	233790		
91	55.2	27.7	83.0	
134	25.1	12.7	38.1	

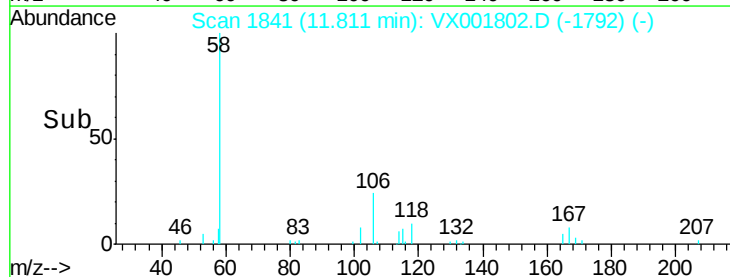
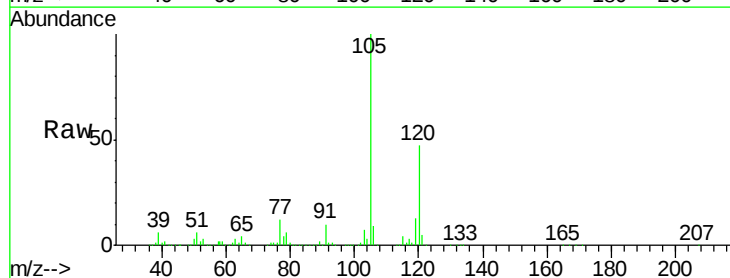
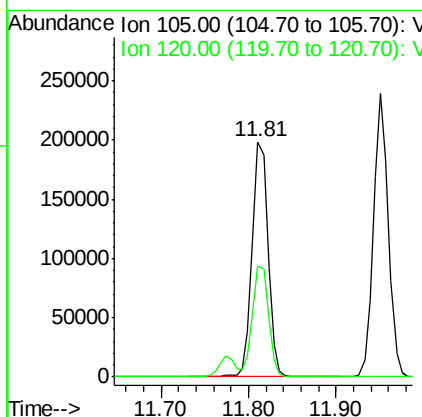
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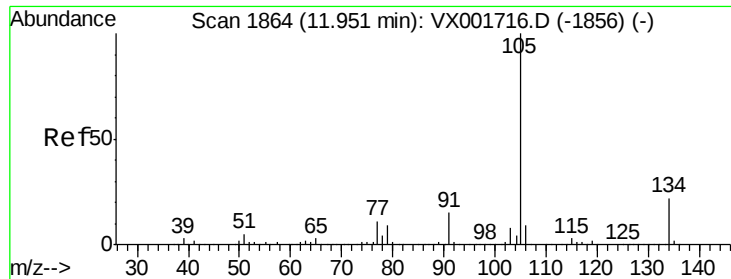
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#84
 1,2,4-Trimethylbenzene
 Concen: 23.67 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248559		
120	47.2	23.5	70.5	





#85

sec-Butylbenzene

Concen: 22.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

Instrument :

MSVOA_X

ClientSampleID :

VX0517WBSD01

Tot Ion:105 Resp: 285226

Ion Ratio Lower Upper

105 100

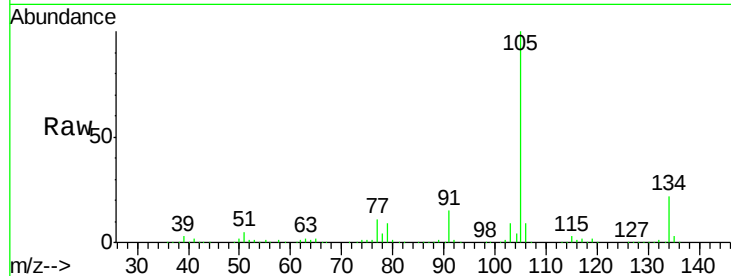
134 21.7 10.9 32.6

Manual Integrations

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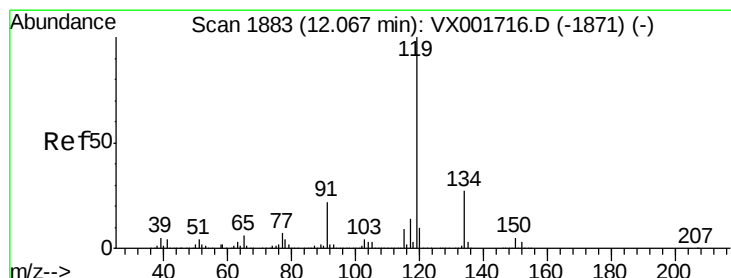
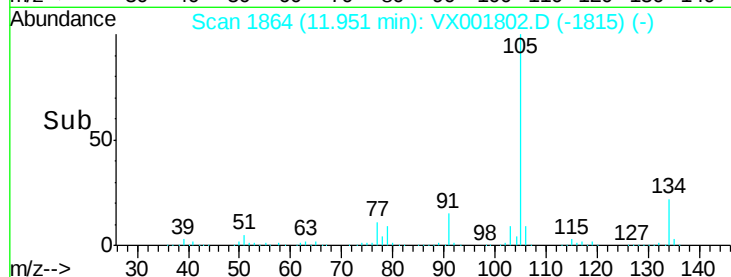
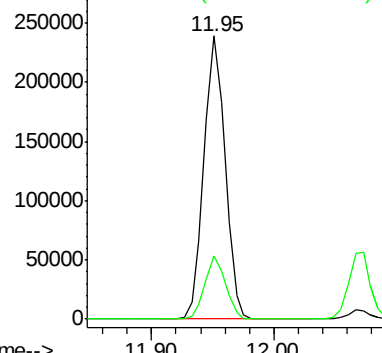
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001802.D

Acq: 17 May 2018 20:27

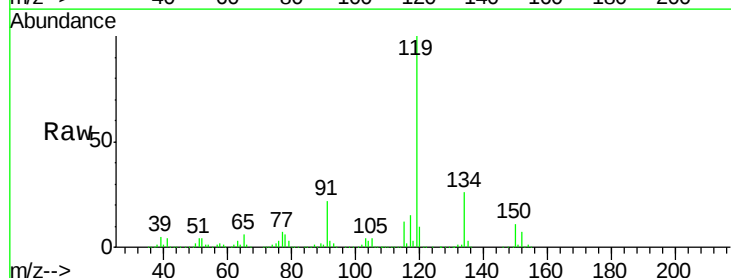
Tgt Ion:119 Resp: 259356

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

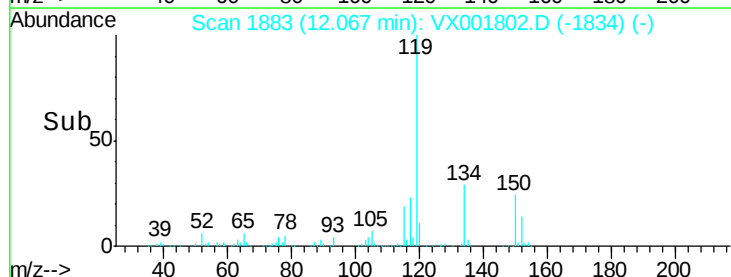
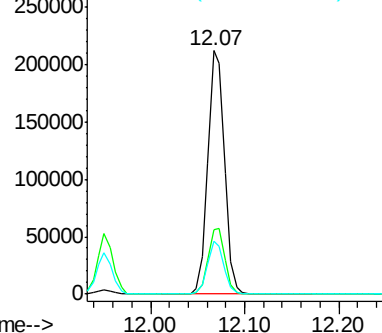
91 21.3 10.7 32.1

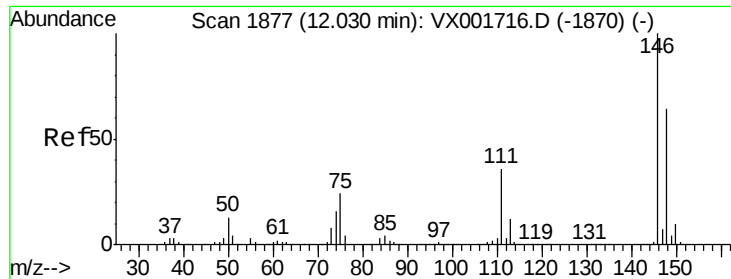


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





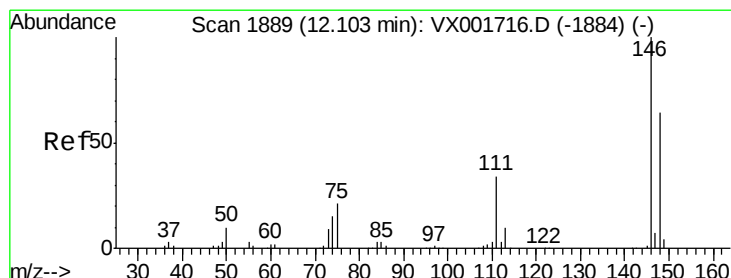
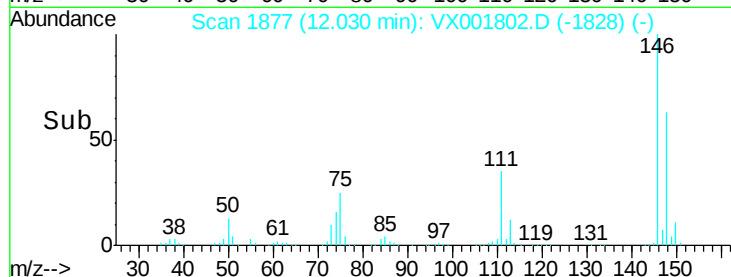
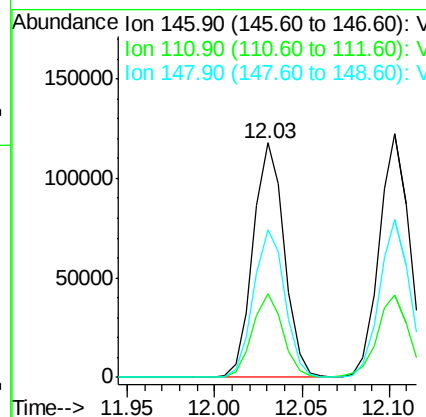
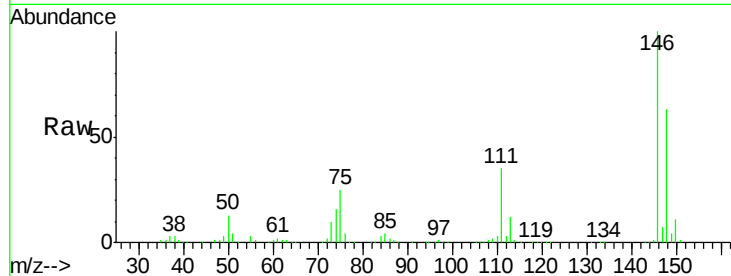
#87
 1,3-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.8	53.4
148	63.6	32.1	96.3

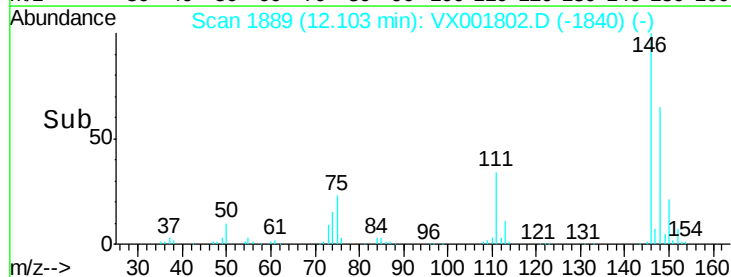
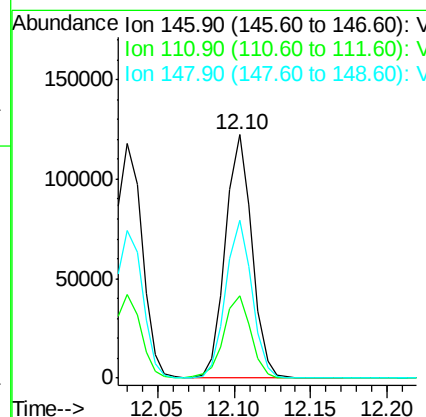
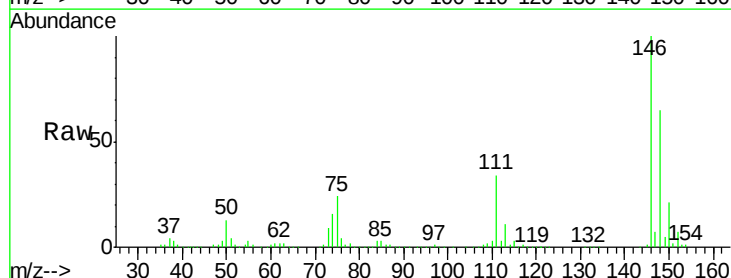
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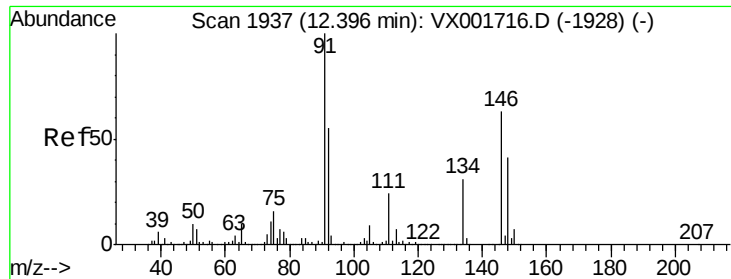
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#88
 1,4-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	17.3	52.0
148	64.5	32.3	96.9





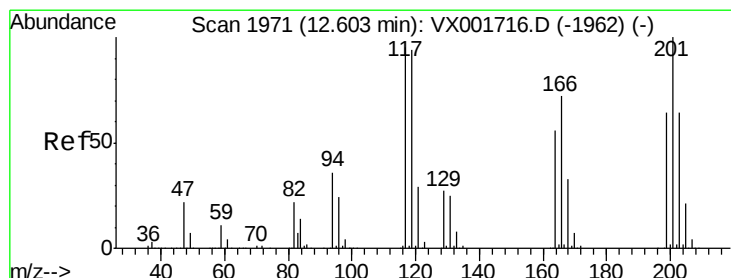
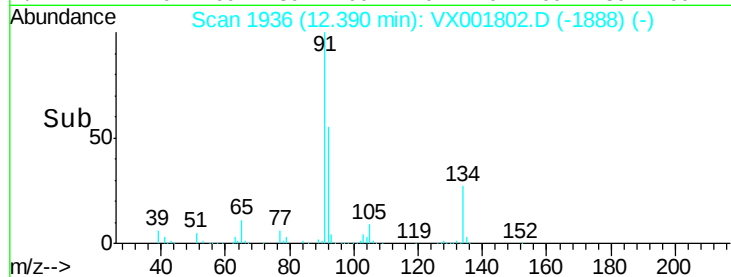
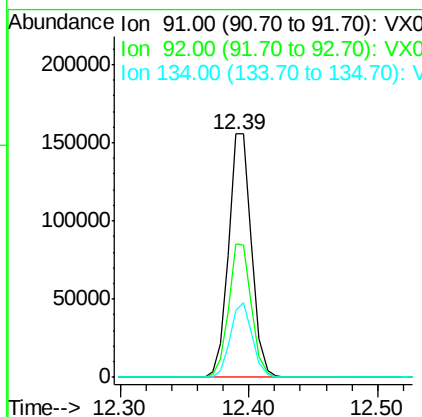
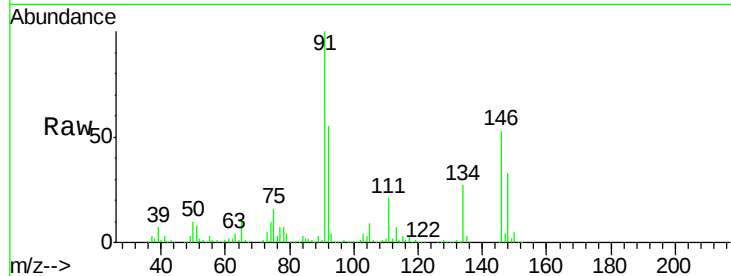
#89
n-Butylbenzene
Concen: 19.57 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	195106		
92	54.3		27.3	81.9
134	29.2		14.7	44.1

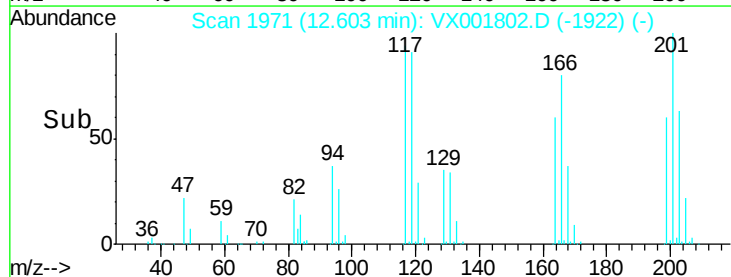
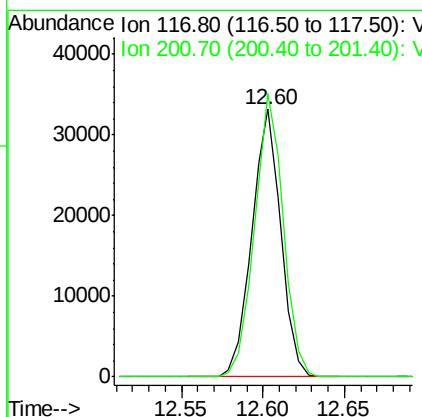
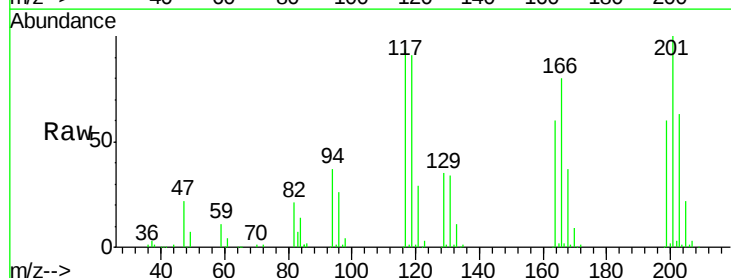
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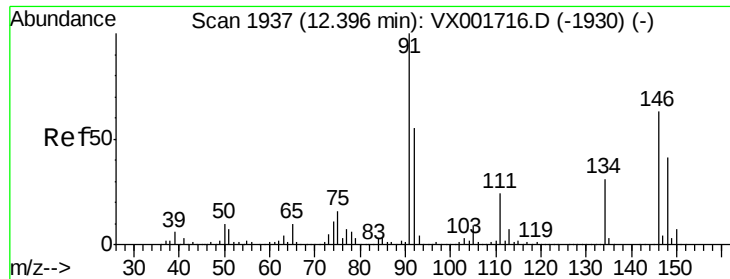
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#90
Hexachloroethane
Concen: 22.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40842		
201	104.9		51.9	155.7





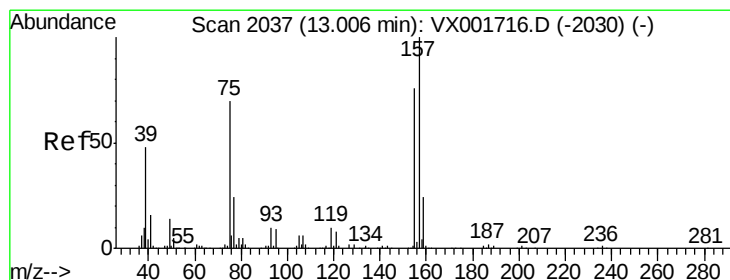
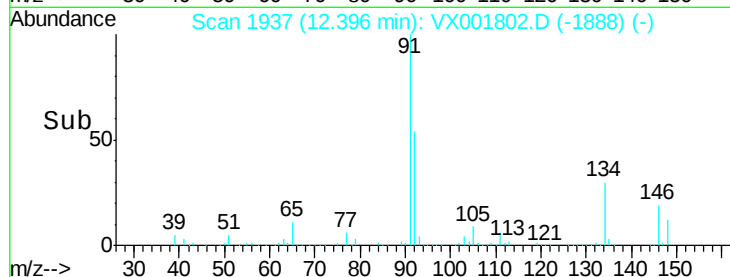
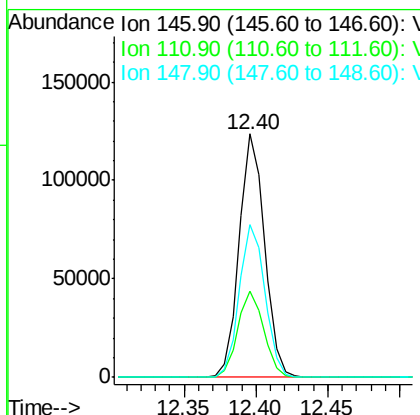
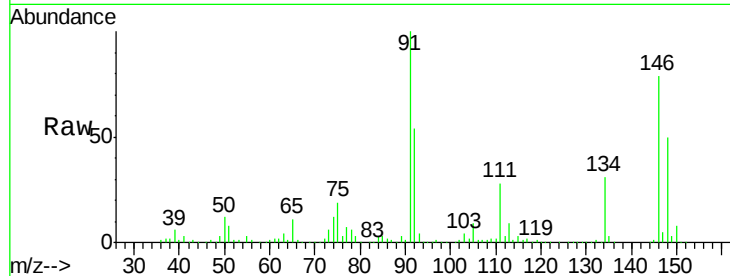
#91
 1,2-Dichlorobenzene
 Concen: 22.63 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.6	56.0
148	63.8	32.4	97.0

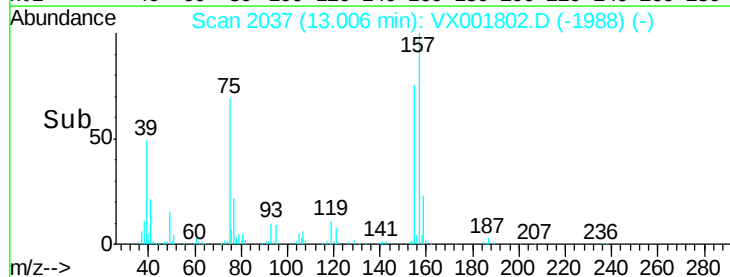
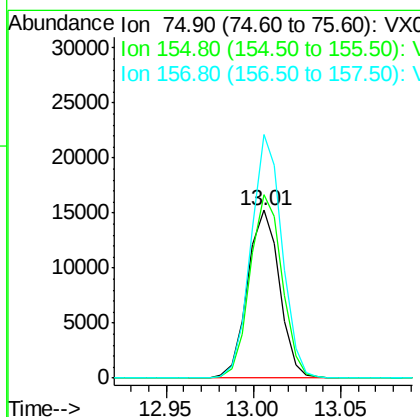
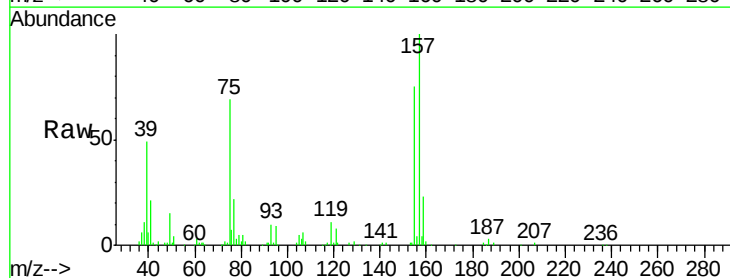
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.2	53.9	161.8
157	140.7	71.0	213.2





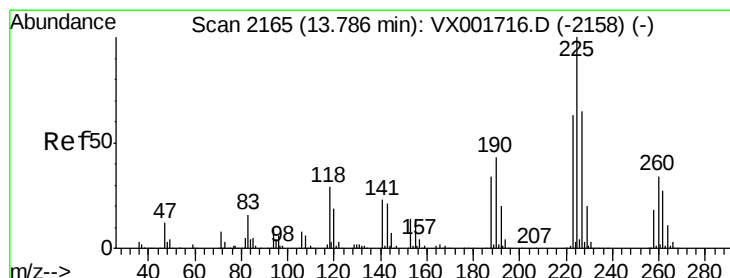
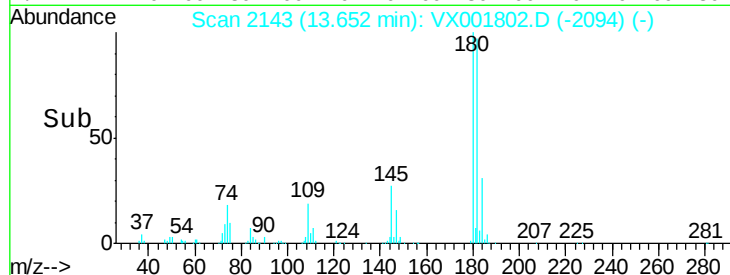
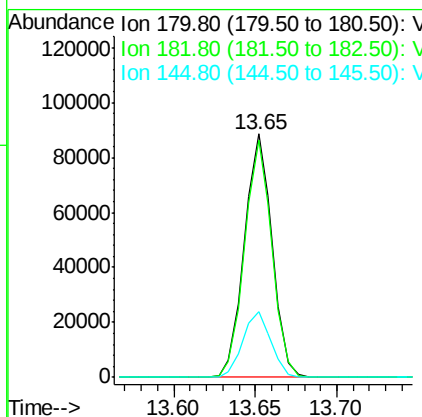
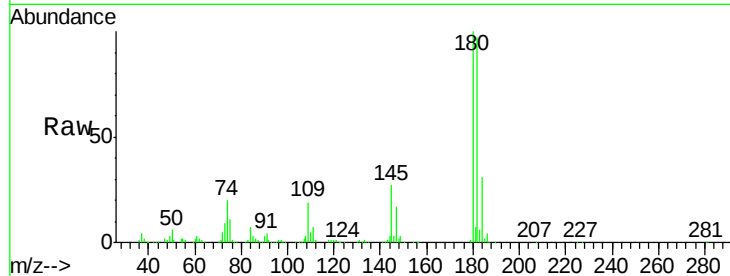
#93
 1,2,4-Trichlorobenzene
 Concen: 19.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	47.6	142.9	
145	27.4	13.4	40.1	

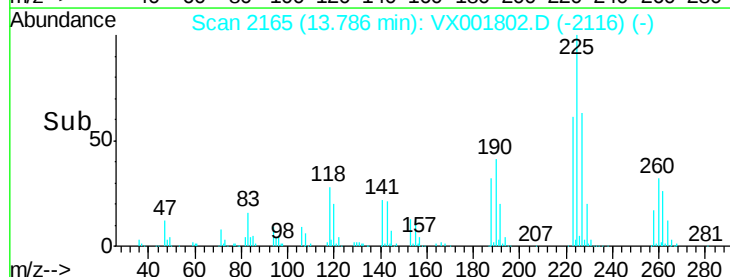
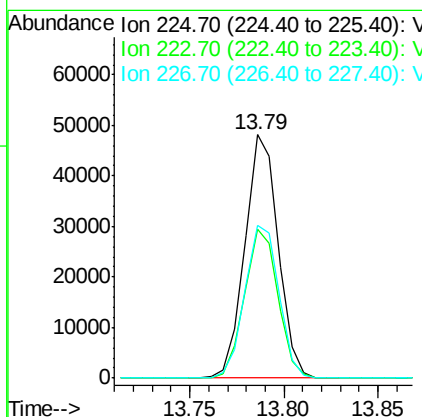
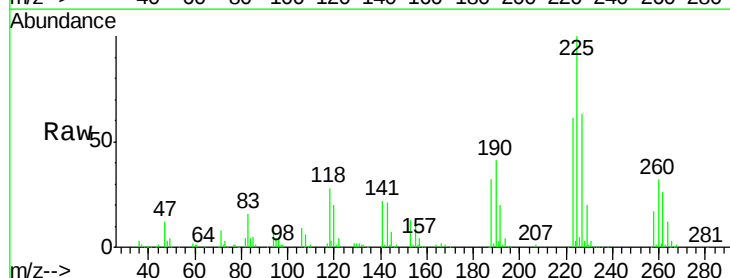
Manual Integrations
 APPROVED

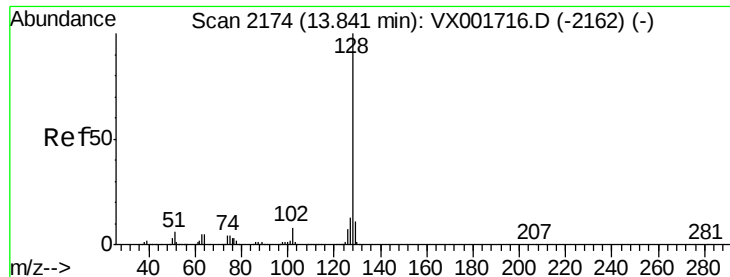
MMDadoda
 5/21/2018 12:52:51 PM



#94
 Hexachlorobutadiene
 Concen: 20.53 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001802.D
 Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	31.1	93.5	
227	64.4	31.9	95.5	





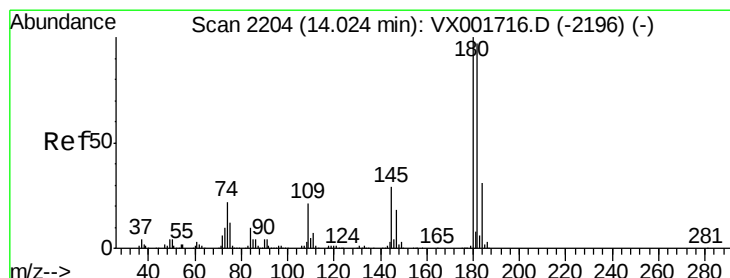
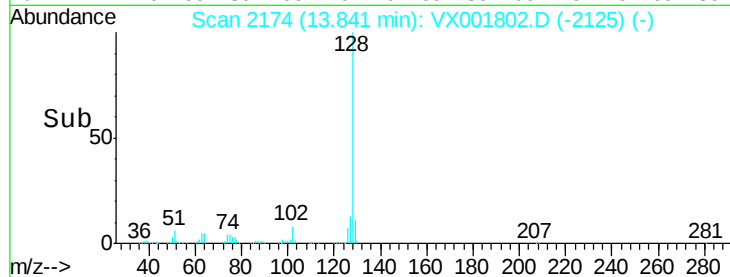
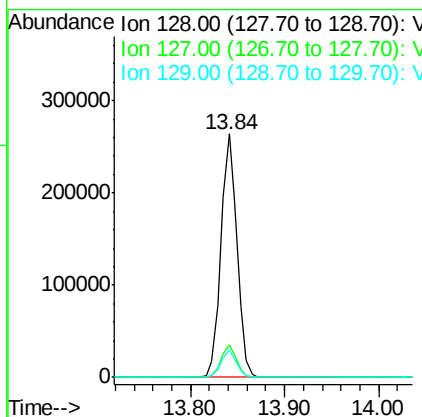
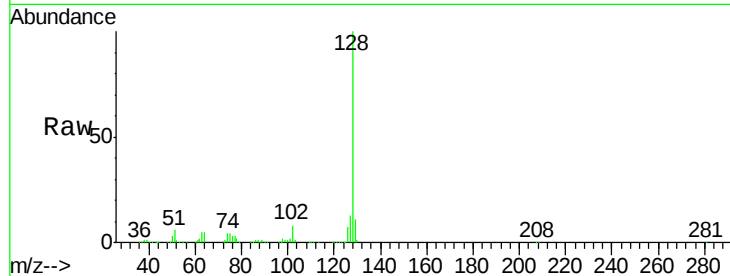
#95
Naphthalene
Concen: 22.42 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Instrument :
MSVOA_X
ClientSampled :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/21/2018 12:52:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.93 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001802.D
Acq: 17 May 2018 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.7
145	28.6	14.2	42.8

