

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001874.D
 Acq On : 21 May 2018 13:43
 Operator : JC/MD
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2018 12:47:24 PM

Quant Time: May 22 02:05:32 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	275969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171831	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
35) Dibromofluoromethane	5.51	113	157149	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.72	98	571075	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.14	95	171188	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50666	18.295	ug/l	97
3) Chloromethane	1.32	50	62739	20.971	ug/l	99
4) Vinyl Chloride	1.40	62	63719	19.701	ug/l	100
5) Bromomethane	1.64	94	31867	21.608	ug/l	97
6) Chloroethane	1.72	64	43743	21.472	ug/l	98
7) Trichlorofluoromethane	1.93	101	90813	19.323	ug/l	99
8) Diethyl Ether	2.19	74	40013	20.683	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57069	20.171	ug/l	99
10) Methyl Iodide	2.51	142	68680	26.384	ug/l	98
11) Tert butyl alcohol	3.08	59	78490	119.517	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52997	19.430	ug/l	98
13) Acrolein	2.30	56	27117	58.219	ug/l	97
14) Allyl chloride	2.73	41	103535	20.535	ug/l	96
15) Acrylonitrile	3.15	53	180396	109.365	ug/l	99
16) Acetone	2.45	43	157482	108.394	ug/l	97
17) Carbon Disulfide	2.57	76	116863	16.424	ug/l	99
18) Methyl Acetate	2.78	43	100066	23.559	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189195	20.579	ug/l	100
20) Methylene Chloride	2.86	84	62646	20.144	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	56819	18.909	ug/l	99
22) Diisopropyl ether	3.88	45	201141	20.796	ug/l	99
23) Vinyl Acetate	3.83	43	668098	95.873	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108057	20.371	ug/l	99
25) 2-Butanone	4.72	43	256496	115.313	ug/l	96
26) 2,2-Dichloropropane	4.59	77	82769	19.382	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	71782	20.993	ug/l	98
28) Bromochloromethane	5.02	49	56262	23.878	ug/l	100
29) Tetrahydrofuran	5.17	42	163853	113.009	ug/l	99
30) Chloroform	5.22	83	116671	20.940	ug/l	100
31) Cyclohexane	5.58	56	93024	20.007	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	97470	20.244	ug/l	98
36) 1,1-Dichloropropene	5.80	75	80899	19.679	ug/l	99
37) Ethyl Acetate	4.87	43	93714	21.874	ug/l	99
38) Carbon Tetrachloride	5.79	117	88200	20.480	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94371	19.647	ug/l	98
40) Benzene	6.15	78	259318	21.409	ug/l	98
41) Methacrylonitrile	5.07	41	53824	21.725	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87712	20.023	ug/l	96
43) Isopropyl Acetate	6.48	43	139996	20.879	ug/l	99
44) Trichloroethene	7.22	130	76062	20.233	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65971	22.197	ug/l	99
46) Dibromomethane	7.67	93	44506	21.326	ug/l	99
47) Bromodichloromethane	7.90	83	81744	21.108	ug/l	97
48) Methyl methacrylate	7.79	41	75543	21.404	ug/l	95
49) 1,4-Dioxane	7.76	88	36432	536.111	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	495253	116.548	ug/l	99
52) Toluene	8.79	92	167698	21.547	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96069	21.084	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70695	17.601	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	58935	19.810	ug/l	99
56) Ethyl methacrylate	9.19	69	80211	19.012	ug/l	97
57) 1,3-Dichloropropane	9.38	76	95637	19.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	239968	110.574	ug/l	100
59) 2-Hexanone	9.51	43	315692	103.781	ug/l	100
60) Dibromochloromethane	9.59	129	60511	19.863	ug/l	99
61) 1,2-Dibromoethane	9.68	107	60938	19.566	ug/l	99
64) Tetrachloroethene	9.34	164	73976	20.595	ug/l	99
65) Chlorobenzene	10.14	112	158591	20.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59300	22.122	ug/l	99
67) Ethyl Benzene	10.26	91	253746	20.920	ug/l	100
68) m/p-Xylenes	10.37	106	204092	42.646	ug/l	99
69) o-Xylene	10.70	106	99366	21.681	ug/l	99
70) Styrene	10.72	104	163826	21.673	ug/l	100
71) Bromoform	10.87	173	48466	21.218	ug/l #	99
73) Isopropylbenzene	11.02	105	268898	22.826	ug/l	100
74) N-amyl acetate	6.48	43	139996	24.788	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	84538	23.923	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	81651m	24.005	ug/l	
77) Bromobenzene	11.26	156	77391	22.357	ug/l	98
78) n-propylbenzene	11.37	91	290426	21.883	ug/l	99
79) 2-Chlorotoluene	11.43	91	176970	22.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223296	23.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21131	20.594	ug/l	94
82) 4-Chlorotoluene	11.51	91	203263	21.738	ug/l	100
83) tert-Butylbenzene	11.77	119	221986	23.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	228768	22.859	ug/l	100
85) sec-Butylbenzene	11.95	105	264947	22.317	ug/l	100
86) p-Isopropyltoluene	12.07	119	241804	22.012	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	136906	21.387	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136678	20.648	ug/l	100
89) n-Butylbenzene	12.39	91	182511	19.209	ug/l	99
90) Hexachloroethane	12.60	117	37307	21.867	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	138851	21.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18089	23.984	ug/l	97

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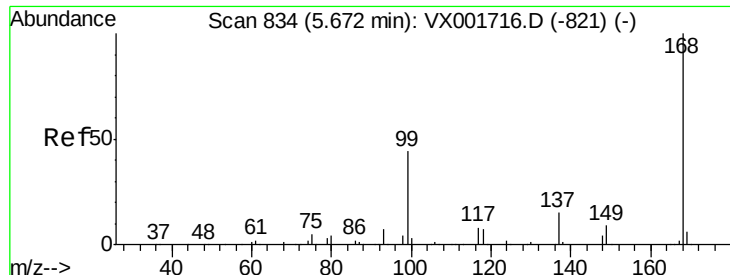
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98110	19.297	ug/l	99
94) Hexachlorobutadiene	13.79	225	55341	20.275	ug/l	100
95) Naphthalene	13.84	128	287476	21.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106167	20.737	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:168 Resp: 275969

Ion Ratio Lower Upper

168 100

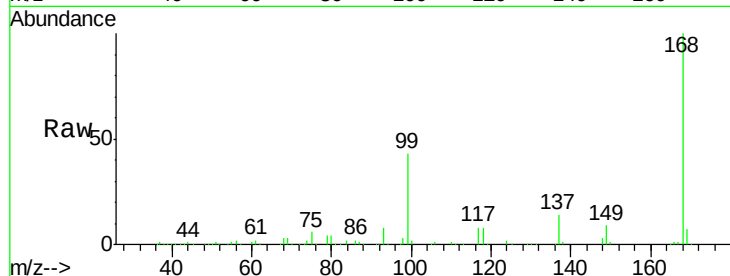
99 43.0 35.0 52.4

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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

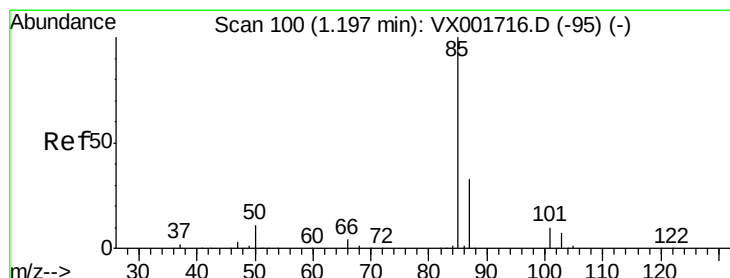
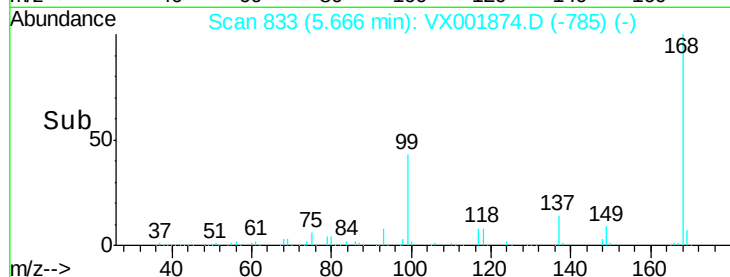
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.295 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001874.D

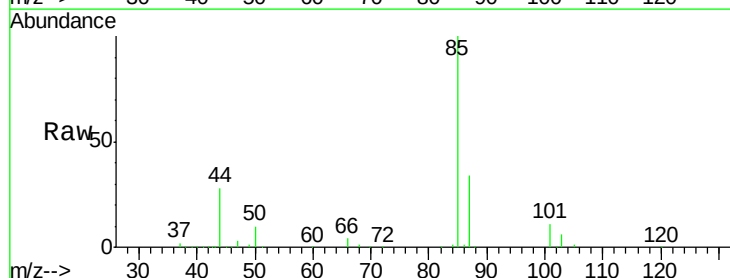
Acq: 21 May 2018 13:43

Tgt Ion: 85 Resp: 50666

Ion Ratio Lower Upper

85 100

87 34.3 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

50000

40000

30000

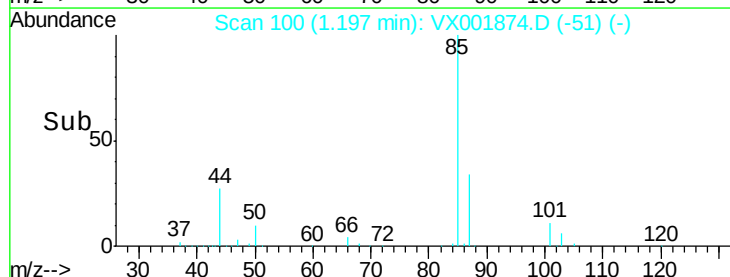
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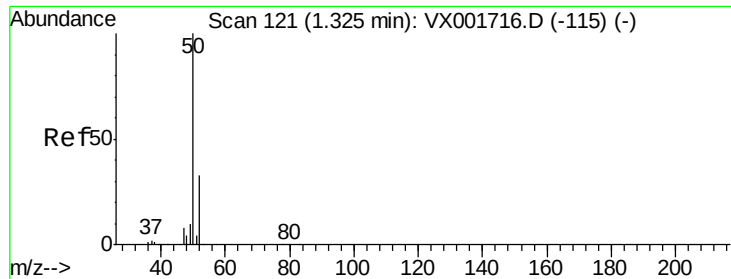
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.971 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 50 Resp: 62739

Ion Ratio Lower Upper

50 100

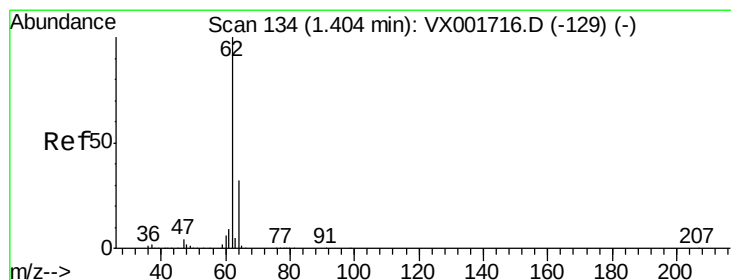
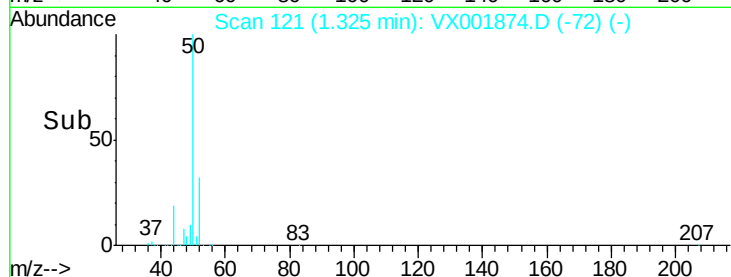
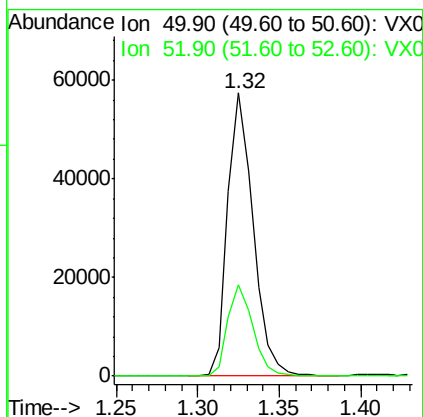
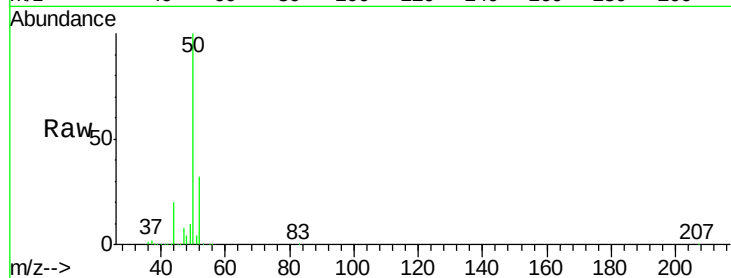
52 32.3 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.701 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001874.D

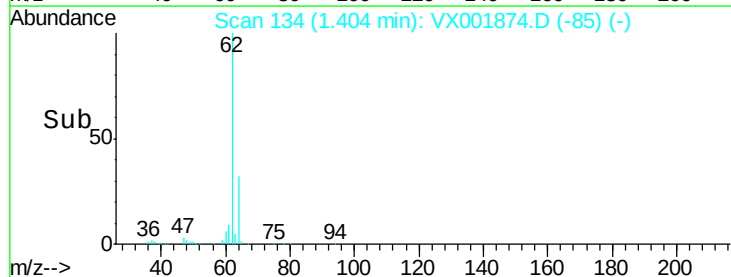
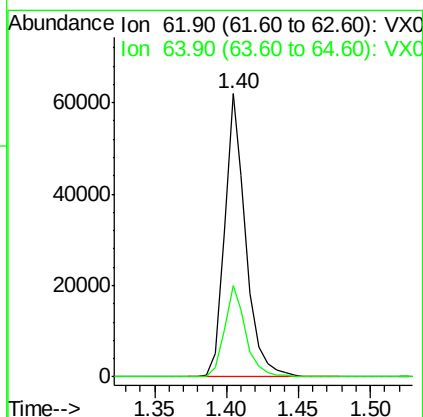
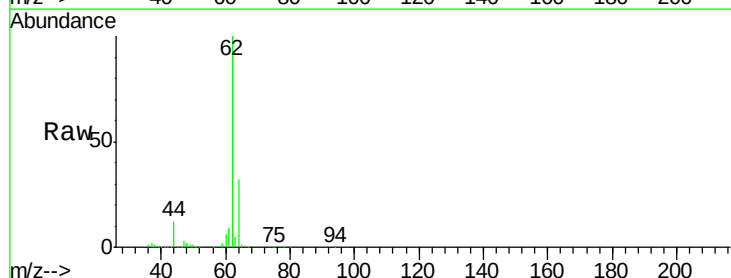
Acq: 21 May 2018 13:43

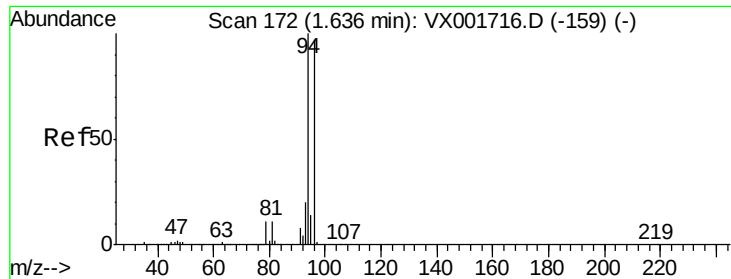
Tgt Ion: 62 Resp: 63719

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 21.608 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 94 Resp: 31867

Ion Ratio Lower Upper

94 100

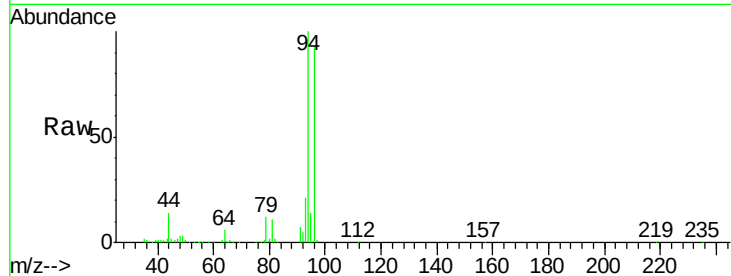
96 93.3 77.4 116.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

30000

25000

20000

15000

10000

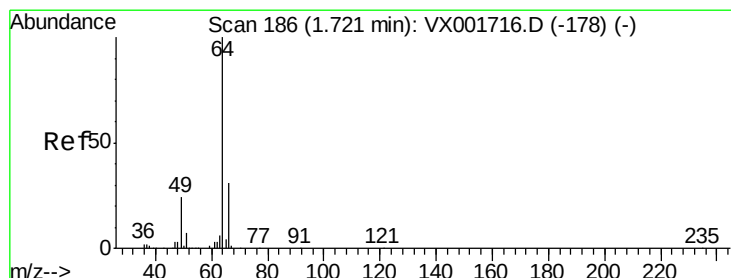
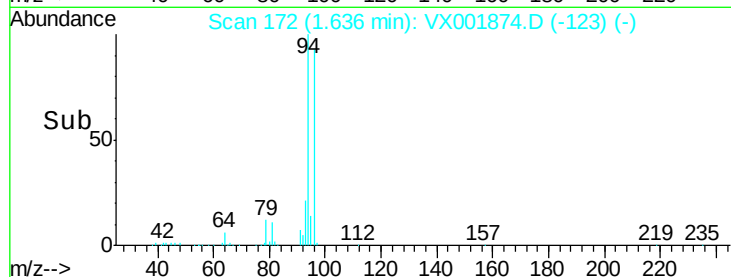
5000

0

1.60

1.70

Time-->



#6

Chloroethane

Concen: 21.472 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001874.D

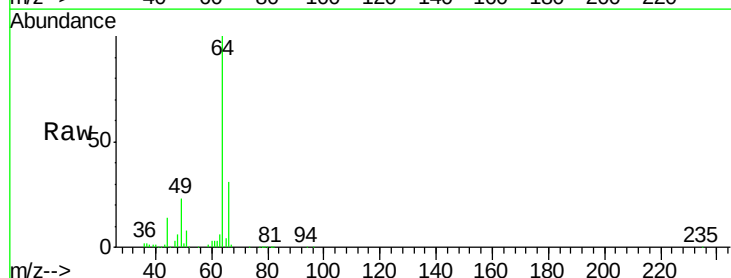
Acq: 21 May 2018 13:43

Tgt Ion: 64 Resp: 43743

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

20000

10000

0

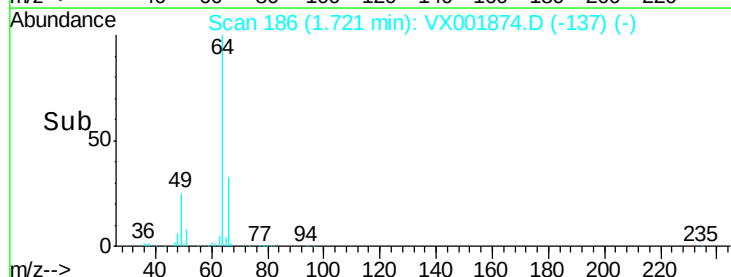
1.65

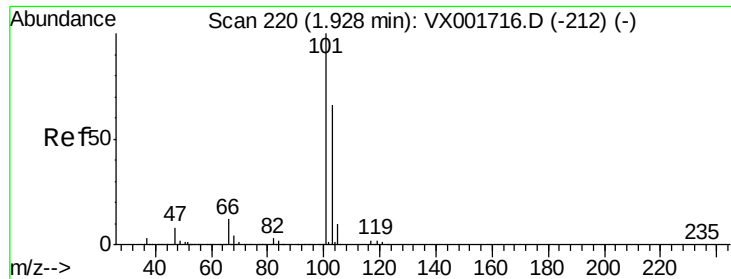
1.70

1.75

1.80

Time-->





#7

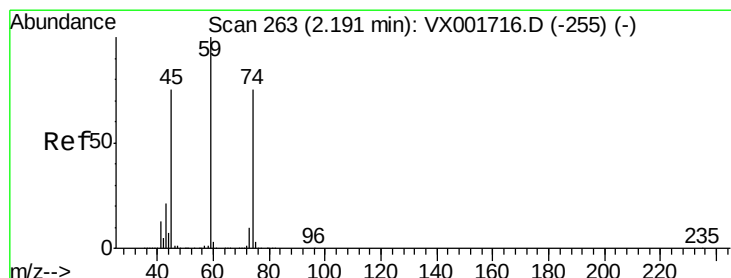
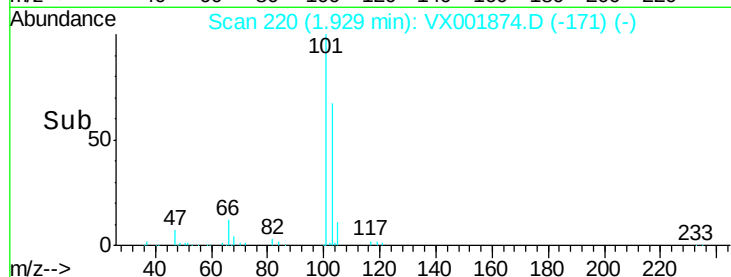
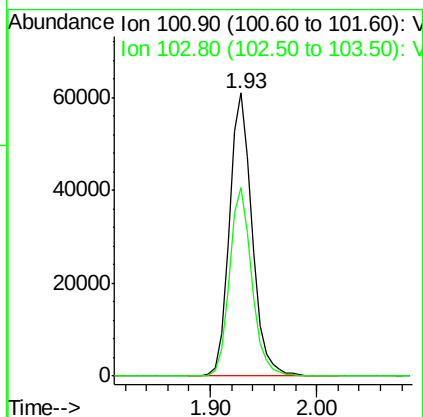
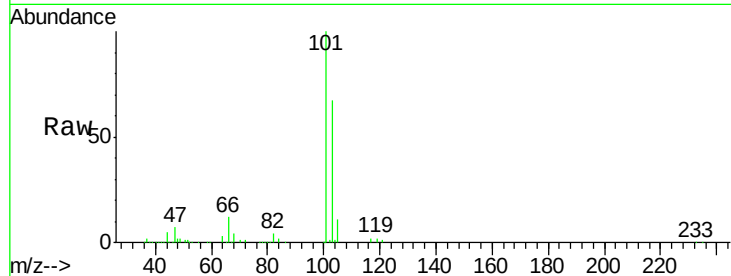
Trichlorofluoromethane
Concen: 19.323 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

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VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	90813		
103	66.5	52.6	78.8	

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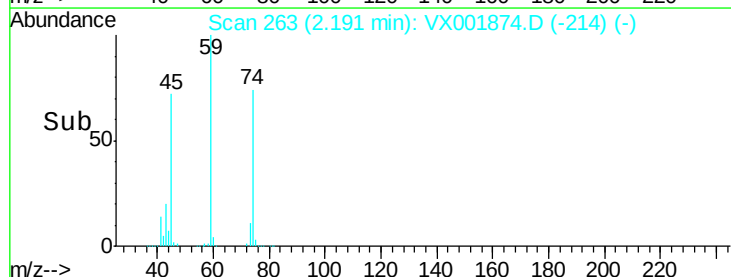
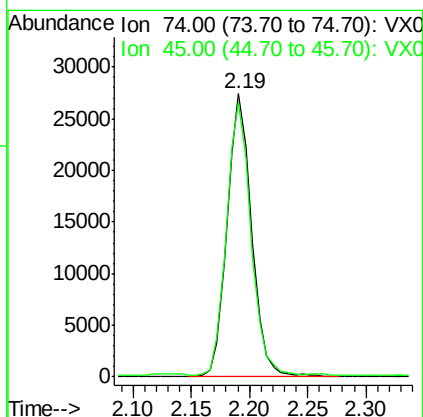
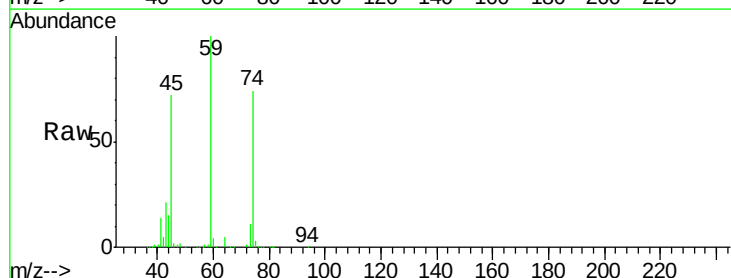
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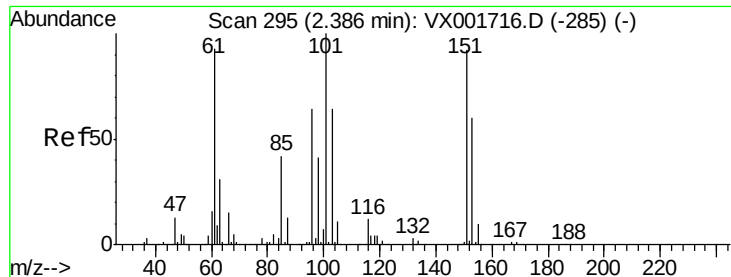


#8

Diethyl Ether
Concen: 20.683 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40013		
45	96.2	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.171 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

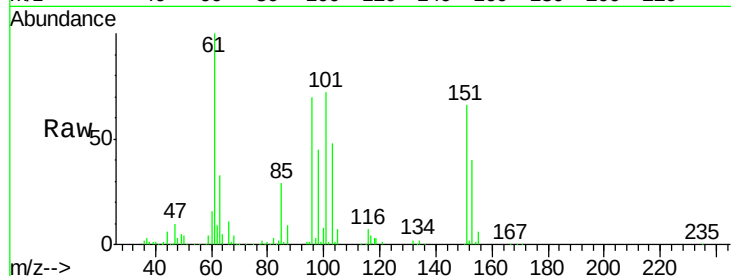
ClientSampleId :

VX0521WBS01

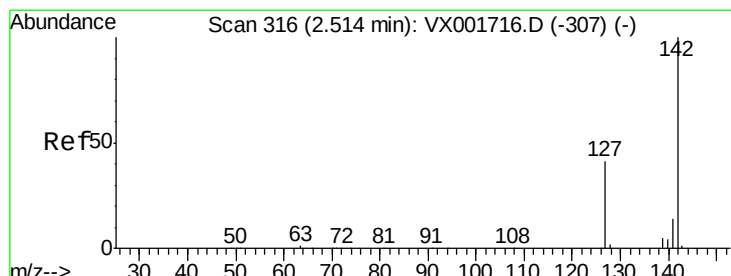
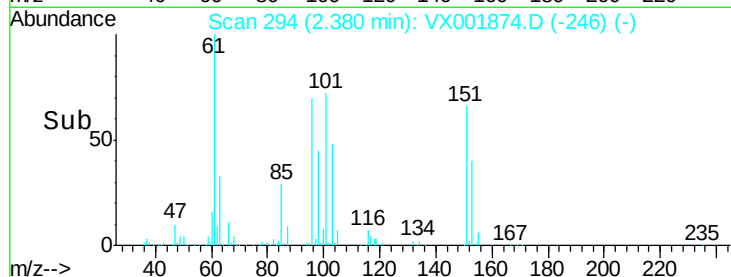
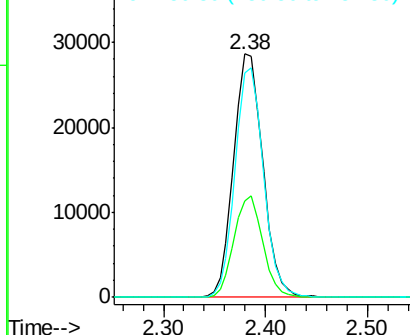
Tot Ion:	101	Resp:	57069
Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.7	50.5
151	91.6	73.0	109.6

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



#10

Methyl Iodide

Concen: 26.384 ug/l

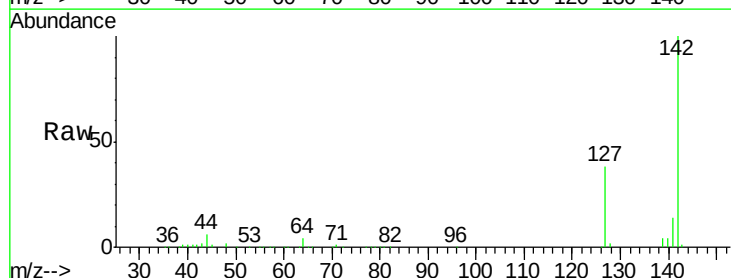
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

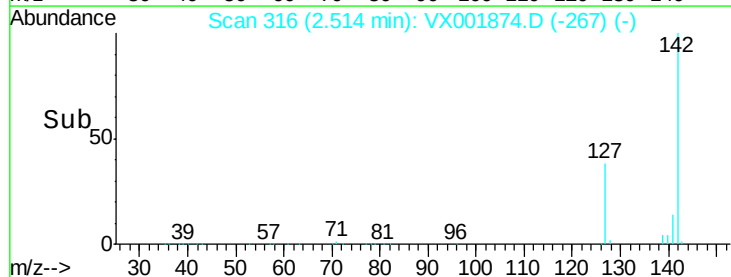
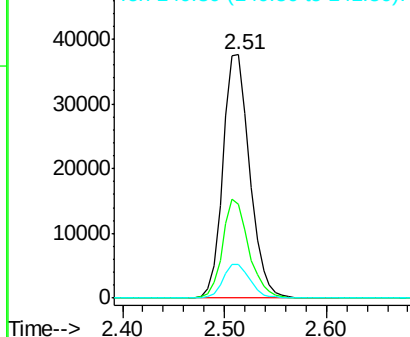
Lab File: VX001874.D

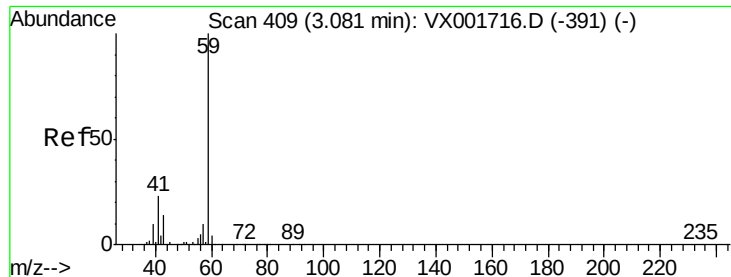
Acq: 21 May 2018 13:43

Tgt Ion:	142	Resp:	68680
Ion	Ratio	Lower	Upper
142	100		
127	39.3	32.5	48.7
141	14.0	11.4	17.0



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





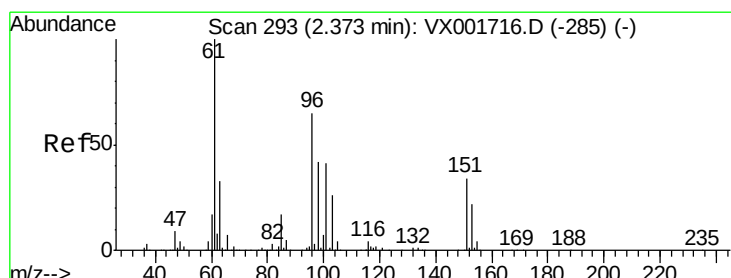
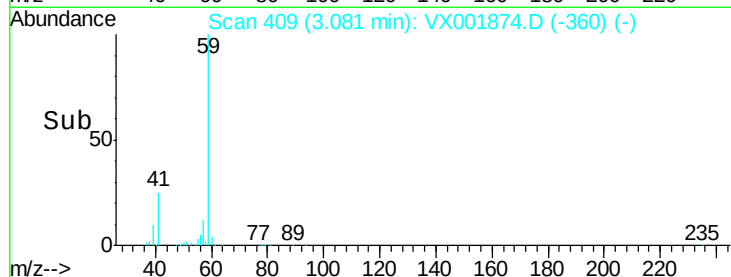
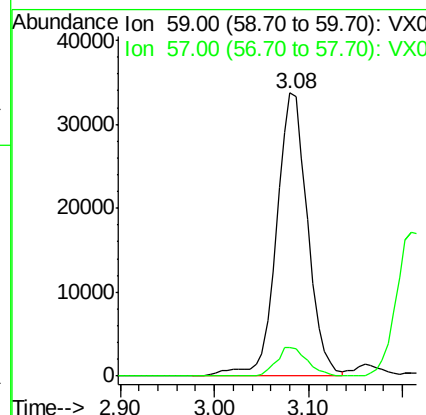
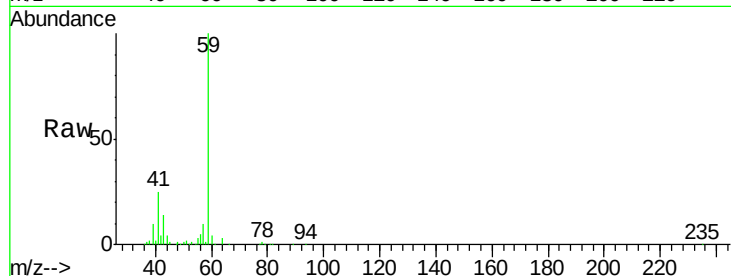
#11
Tert butyl alcohol
Concen: 119.517 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	59	Resp	78490
Ion Ratio	100	Lower	Upper
57	10.1	8.5	12.7

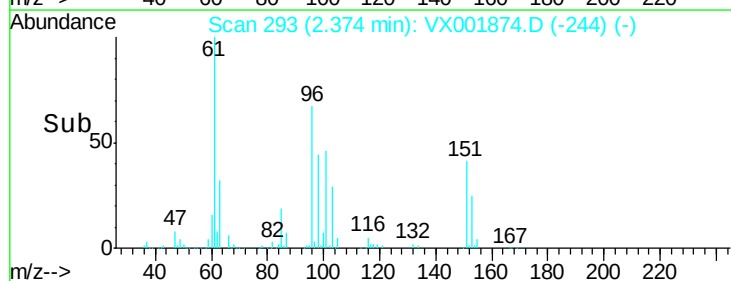
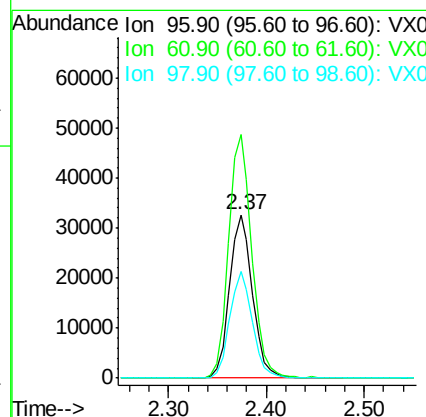
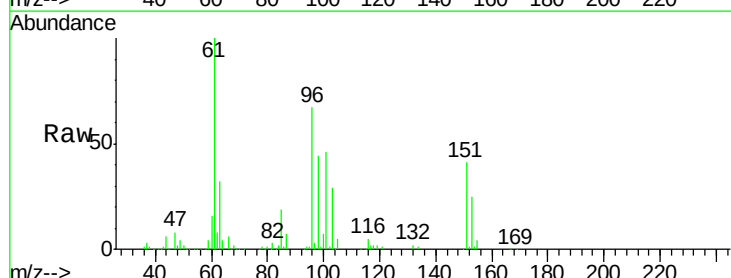
Manual Integrations
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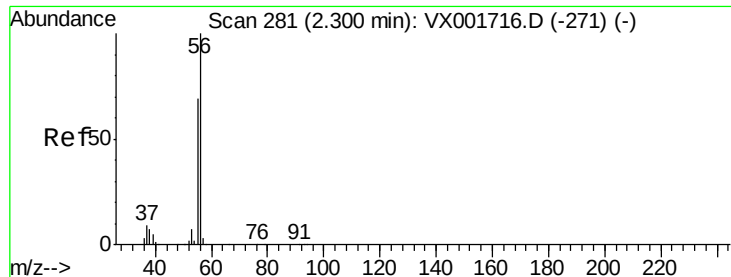
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.430 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	96	Resp	52997
Ion Ratio	100	Lower	Upper
61	149.4	122.2	183.2
98	65.1	51.4	77.0





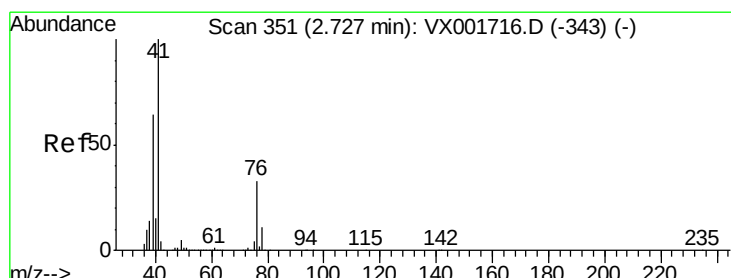
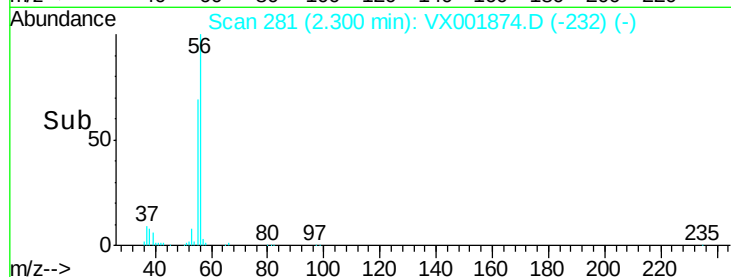
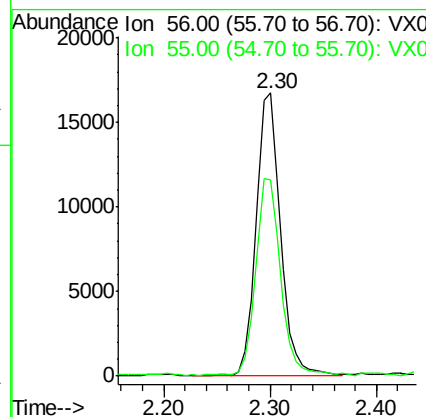
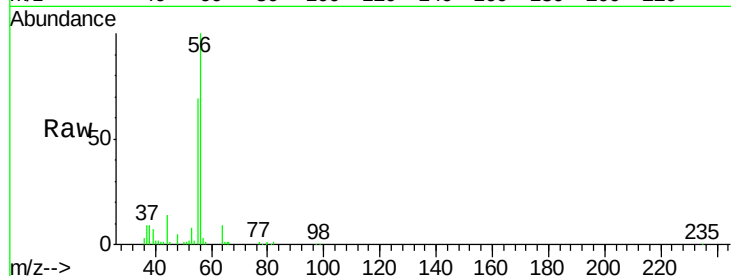
#13
Acrolein
Concen: 58.219 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.3	56.2	84.2	

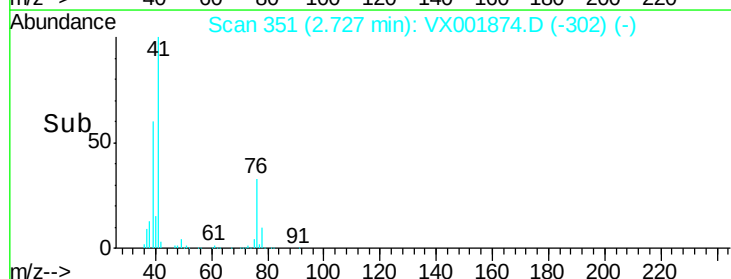
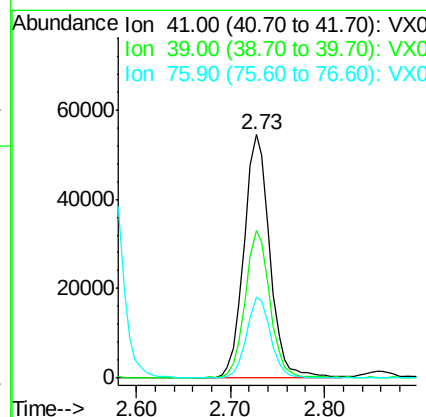
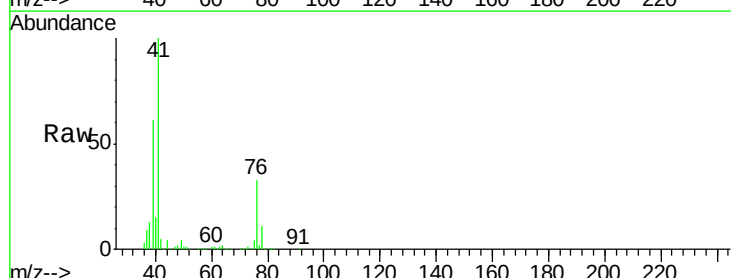
Manual Integrations
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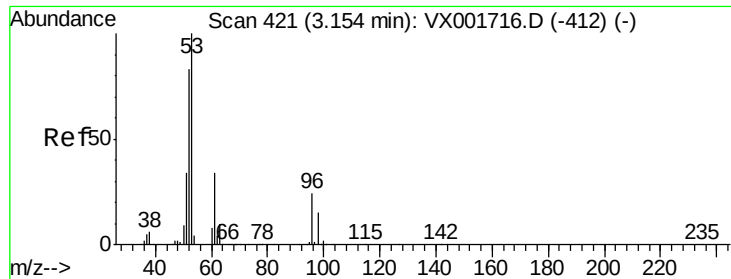
MMDadoda
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#14
Allyl chloride
Concen: 20.535 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	49.8	74.6	
76	31.2	25.8	38.8	





#15

Acrylonitrile

Concen: 109.365 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

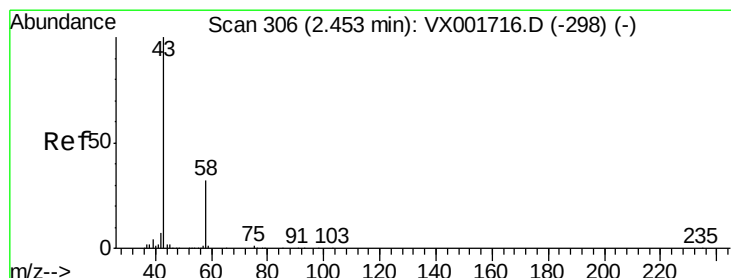
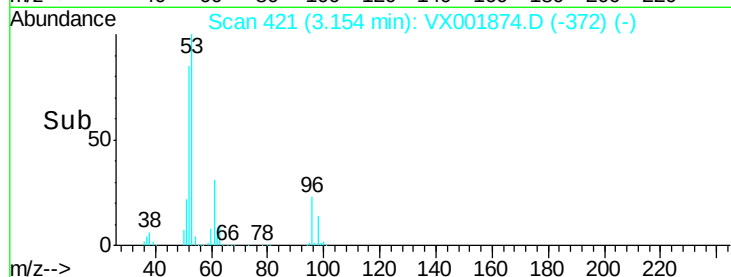
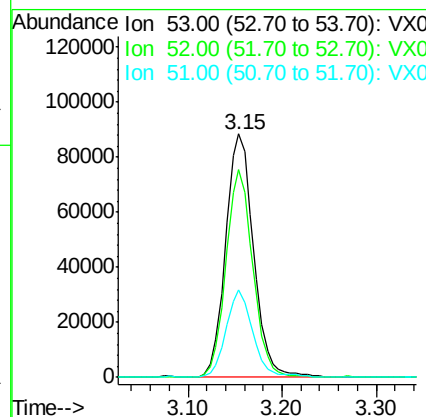
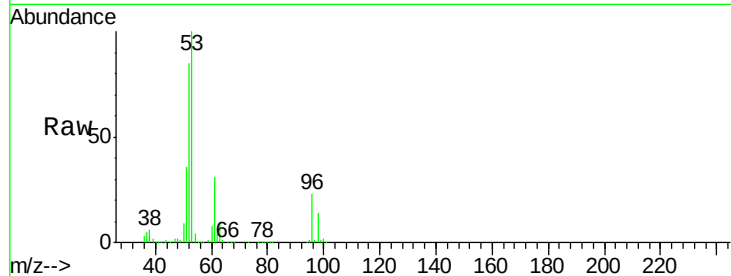
ClientSampleId :

VX0521WBS01

Tot Ion:	53	Resp:	180396
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.6	98.4
51	34.8	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 108.394 ug/l

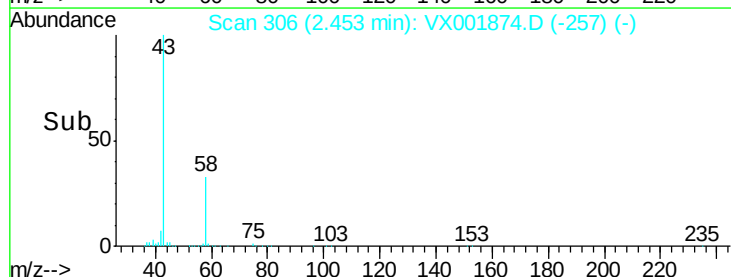
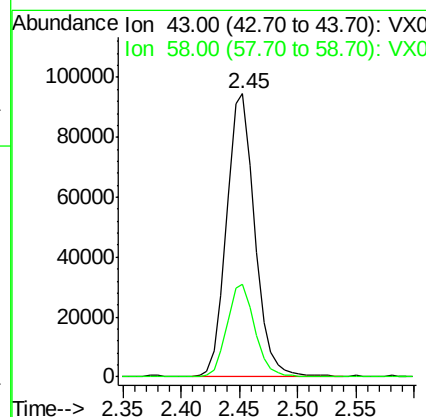
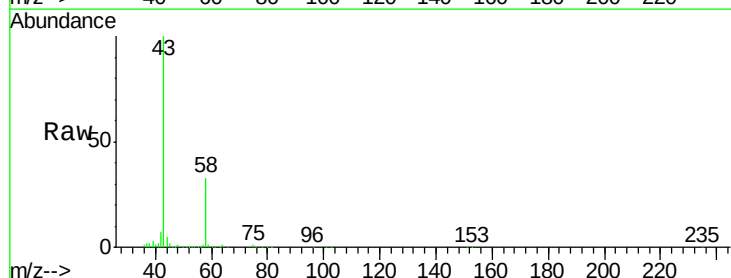
RT: 2.45 min Scan# 306

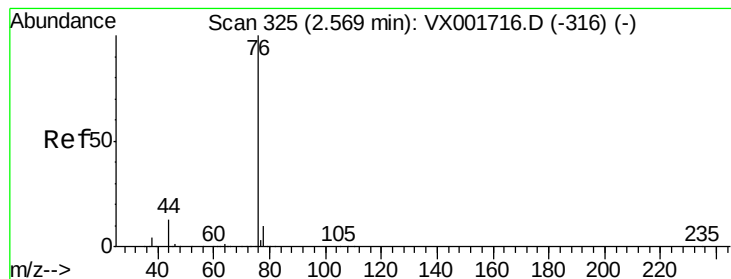
Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion:	43	Resp:	157482
Ion Ratio	Lower	Upper	
43	100		
58	33.0	25.3	37.9





#17

Carbon Disulfide

Concen: 16.424 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 76 Resp: 116863

Ion Ratio Lower Upper

76 100

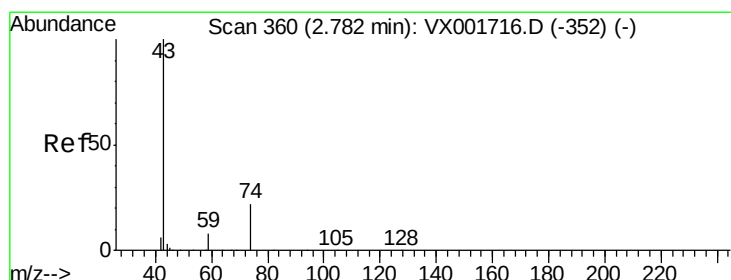
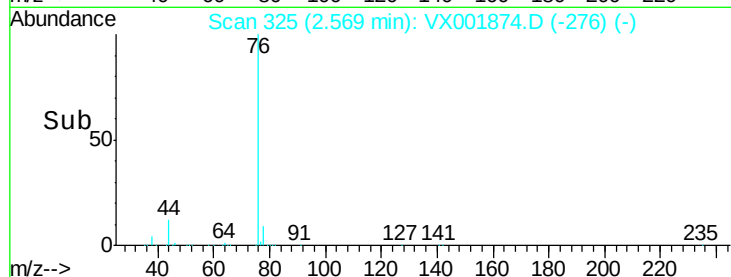
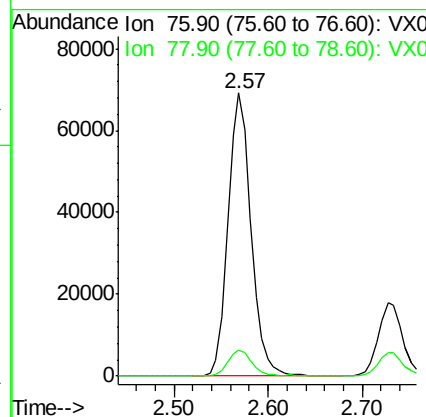
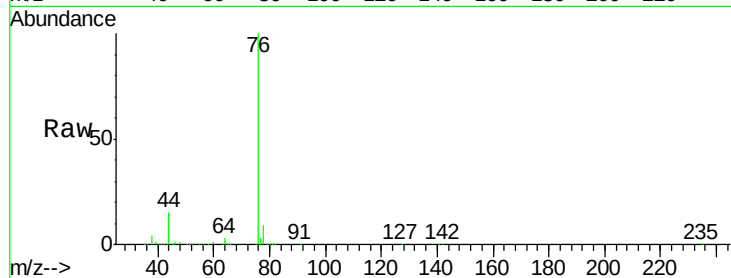
78 9.0 7.6 11.4

Manual Integrations

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#18

Methyl Acetate

Concen: 23.559 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001874.D

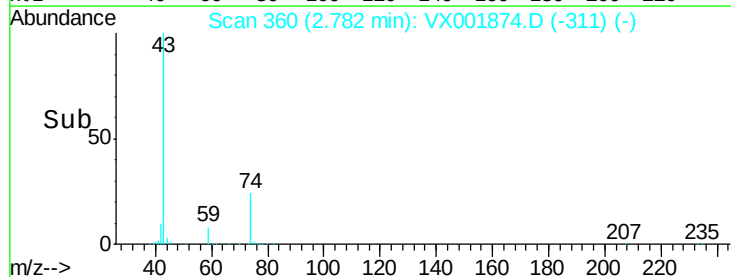
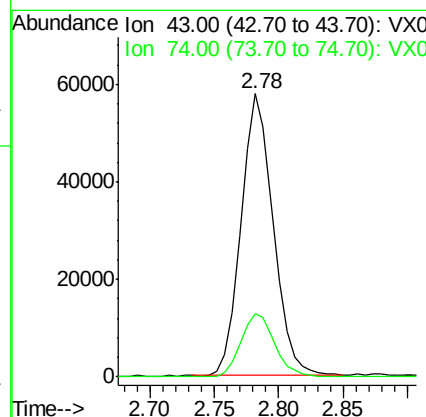
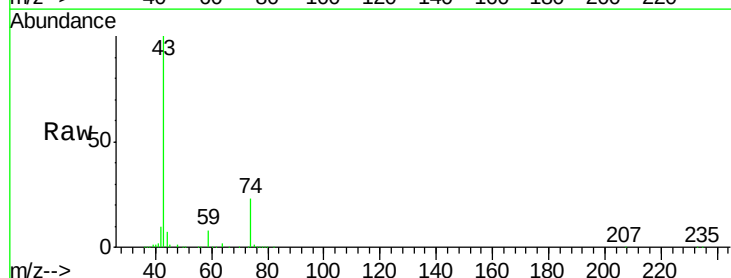
Acq: 21 May 2018 13:43

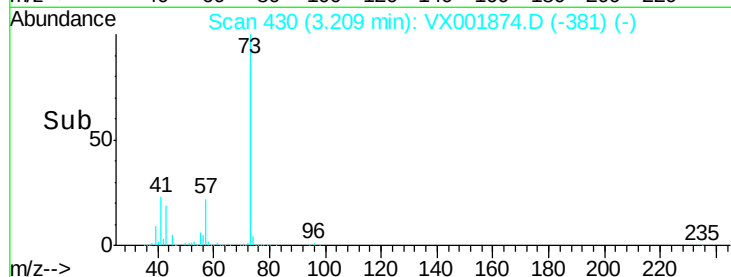
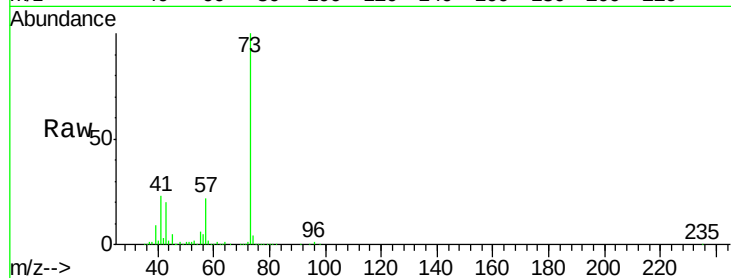
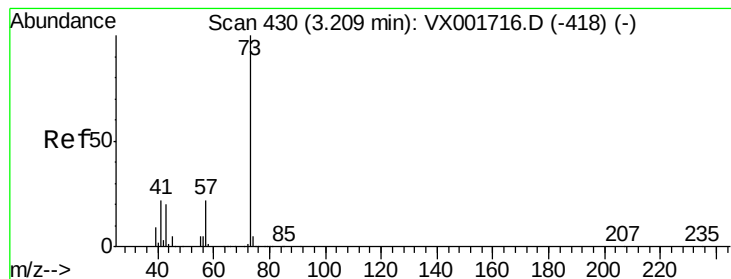
Tgt Ion: 43 Resp: 100066

Ion Ratio Lower Upper

43 100

74 23.5 18.2 27.2





#19

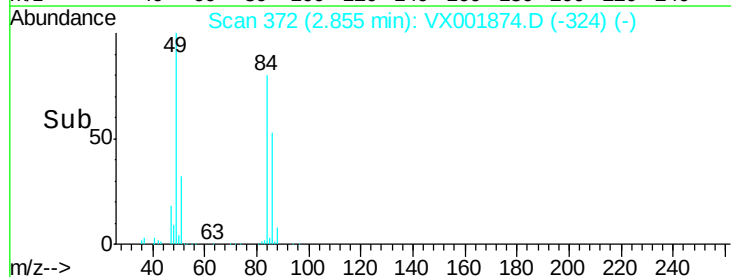
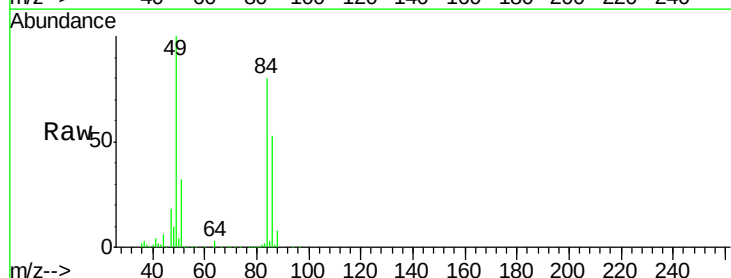
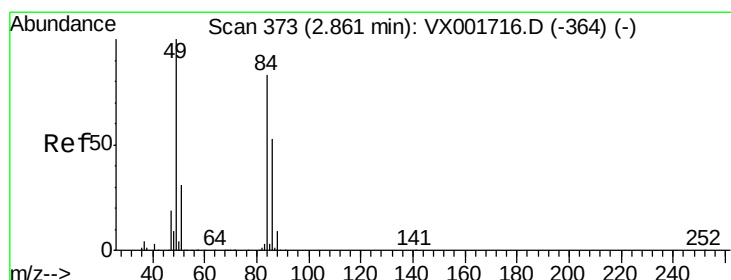
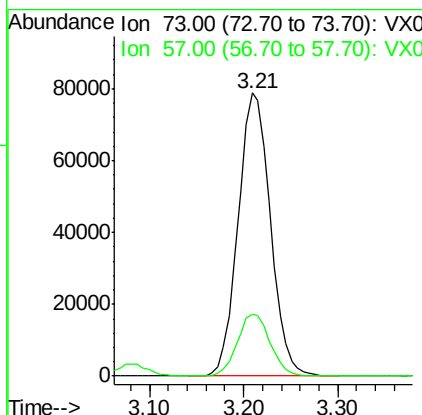
Methyl tert-butyl Ether
Concen: 20.579 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tot Ion	73	Resp	189195
Ion Ratio	100	Lower	Upper
73	100		
57	21.8	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

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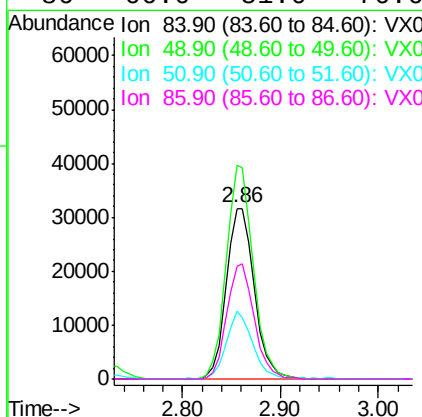
MMDadoda
5/22/2018 12:47:24 PM

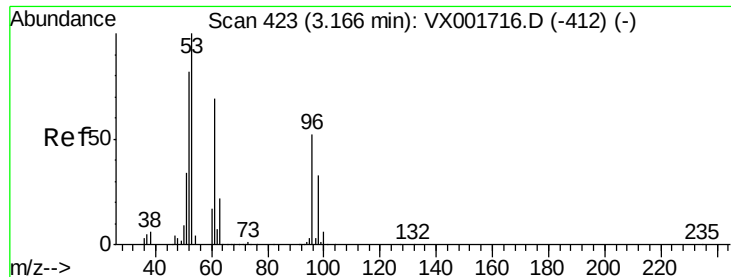


#20

Methylene Chloride
Concen: 20.144 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	84	Resp	62646
Ion Ratio	100	Lower	Upper
84	100		
49	125.2	96.3	144.5
51	39.4	29.8	44.6
86	66.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 18.909 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

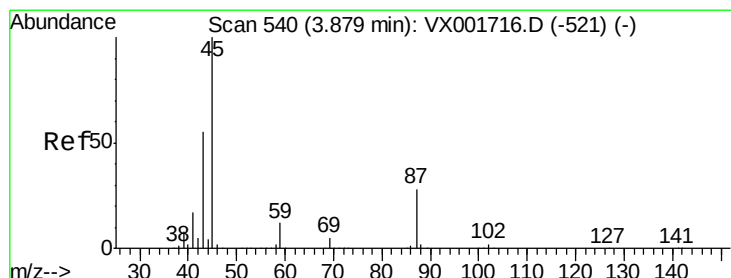
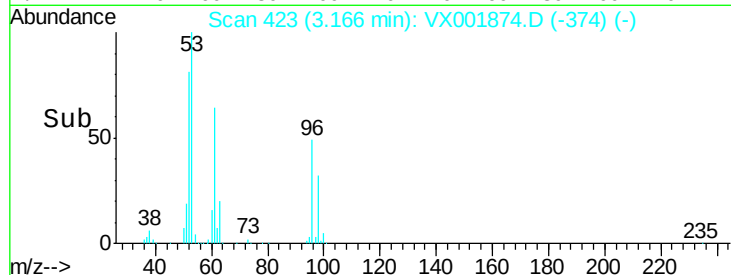
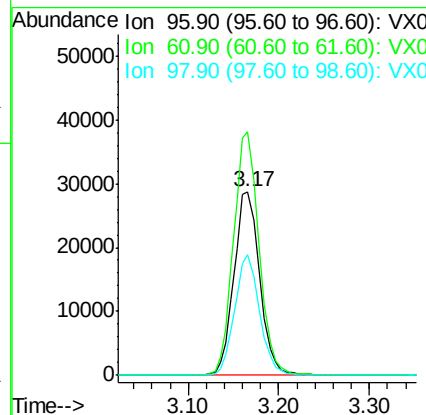
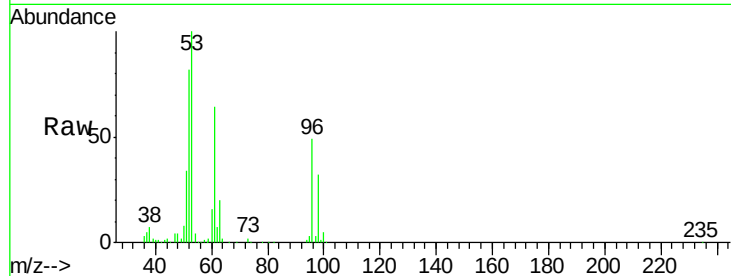
ClientSampleId :

VX0521WBS01

Tot Ion:	96	Resp:	56819
Ion	Ratio	Lower	Upper
96	100		
61	132.4	105.8	158.8
98	65.9	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.796 ug/l

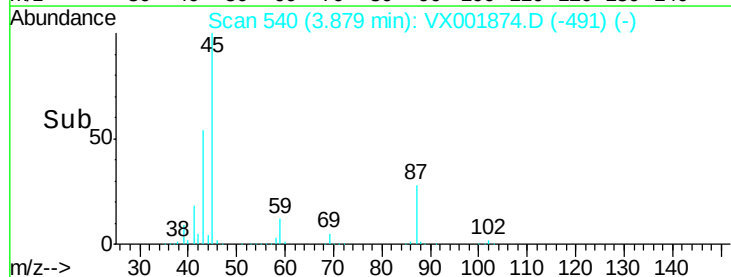
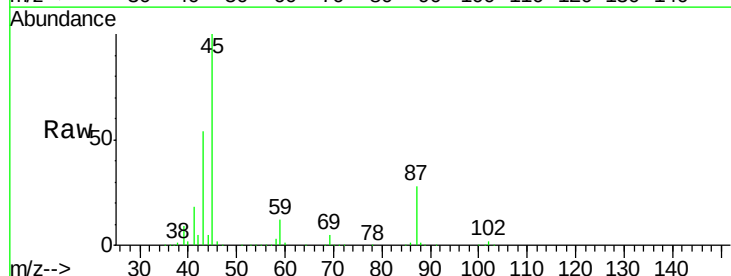
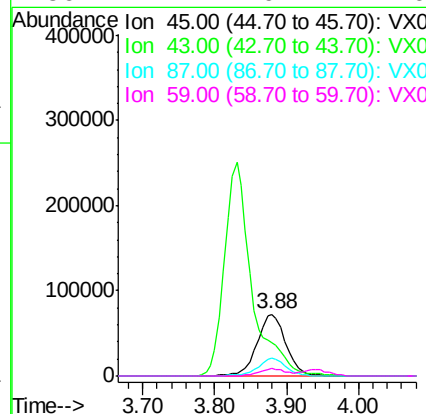
RT: 3.88 min Scan# 540

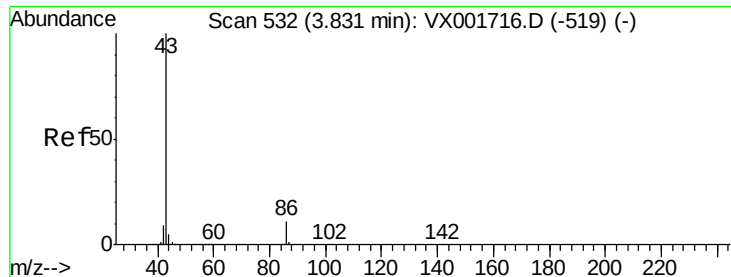
Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion:	45	Resp:	201141
Ion	Ratio	Lower	Upper
45	100		
43	54.3	44.3	66.5
87	27.9	22.6	33.8
59	12.1	9.4	14.0





#23

Vinyl Acetate

Concen: 95.873 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tot Ion: 43 Resp: 668098

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1

Instrument :

MSVOA_X

ClientSampled :

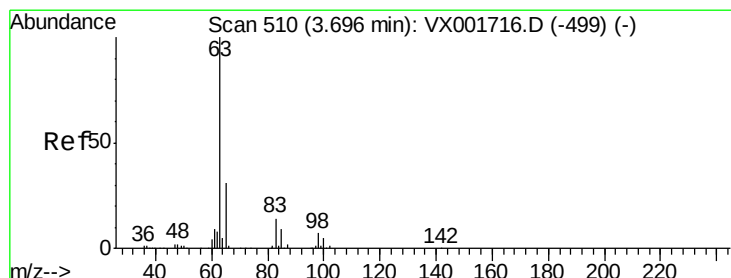
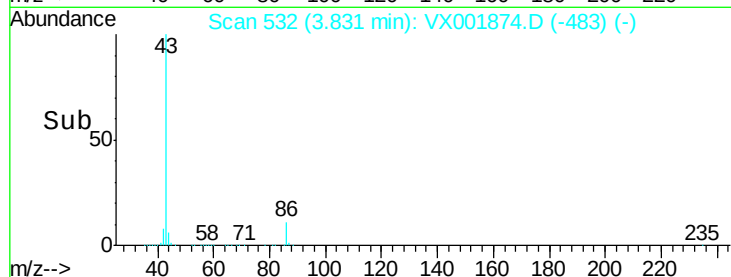
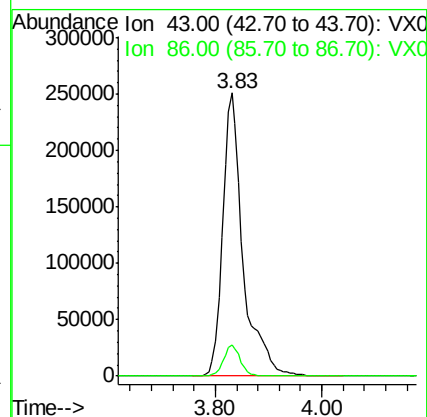
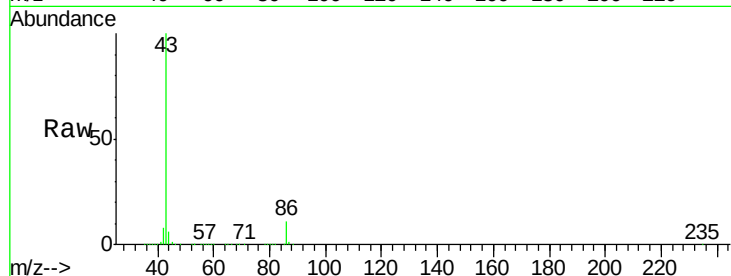
VX0521WBS01

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#24

1,1-Dichloroethane

Concen: 20.371 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

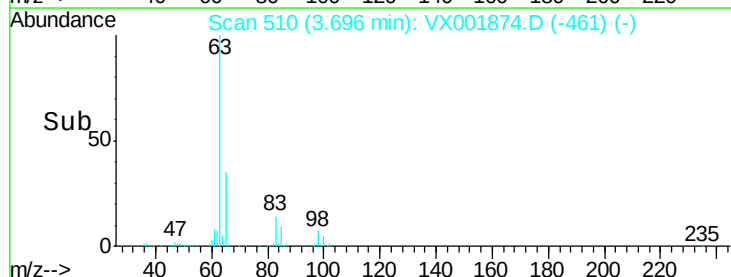
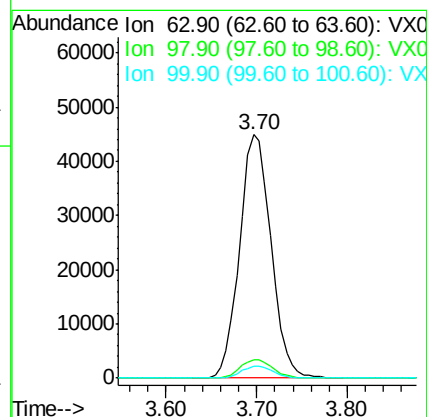
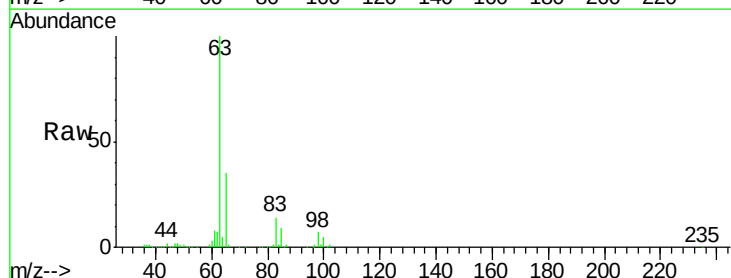
Tgt Ion: 63 Resp: 108057

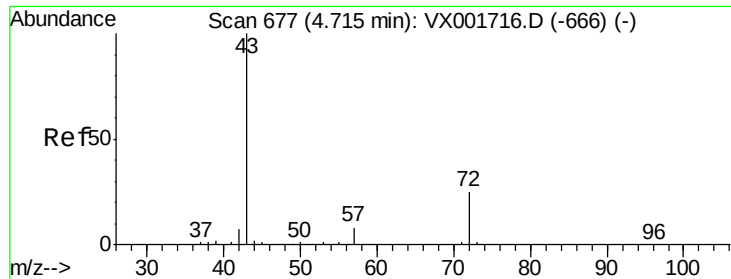
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 115.313 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0521WBS01

Tot Ion: 43 Resp: 256496

Ion Ratio Lower Upper

43 100

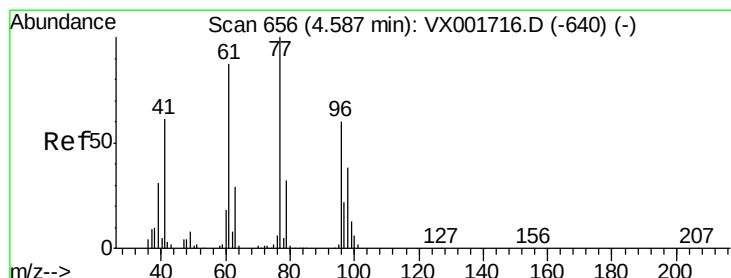
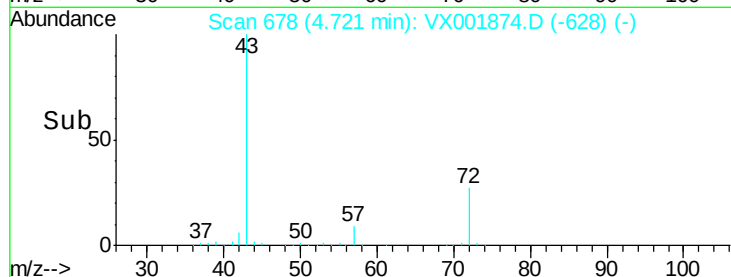
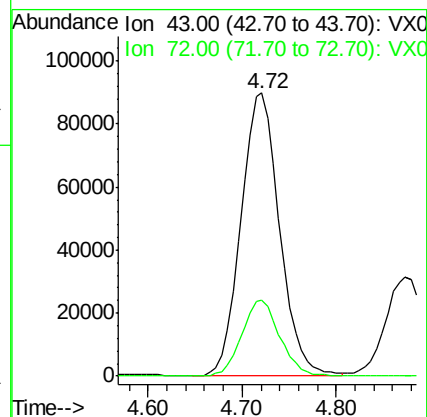
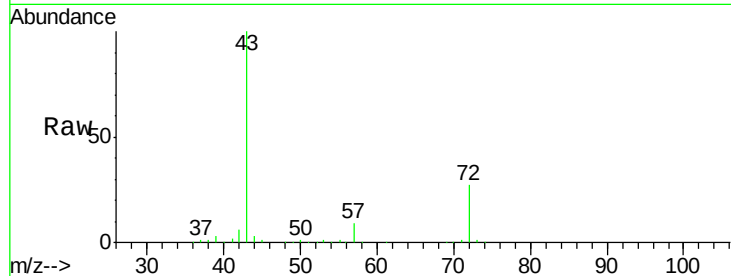
72 26.9 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.382 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001874.D

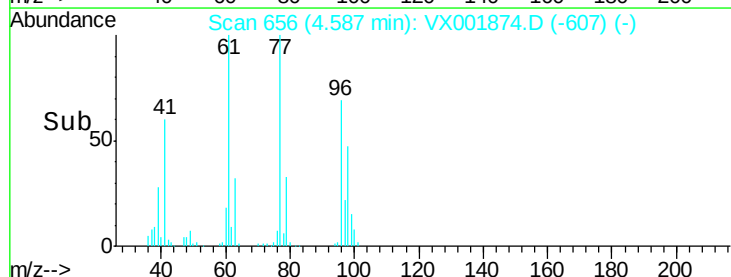
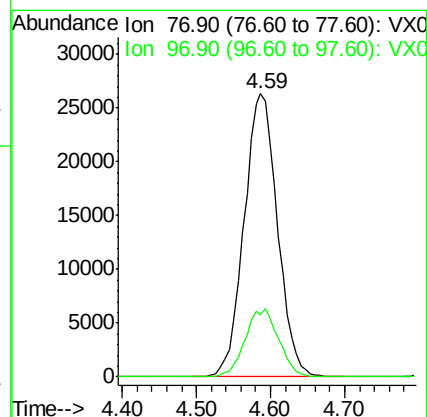
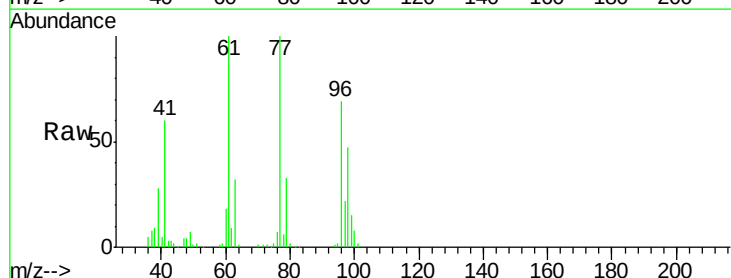
Acq: 21 May 2018 13:43

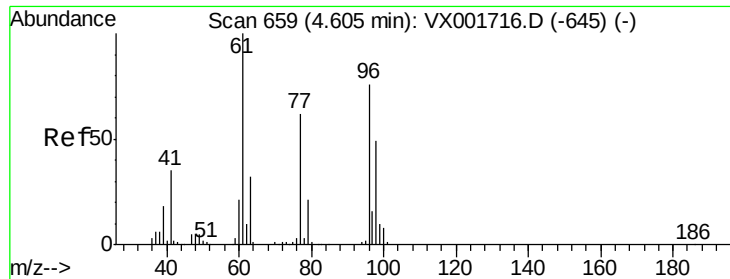
Tgt Ion: 77 Resp: 82769

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8





#27

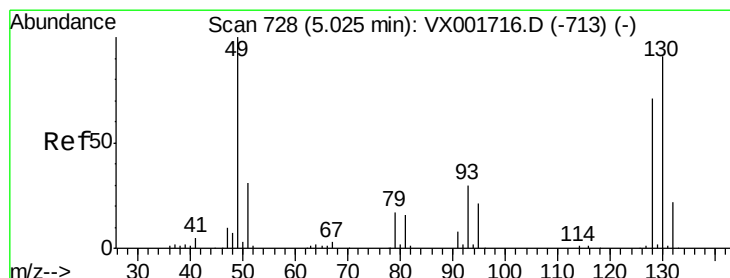
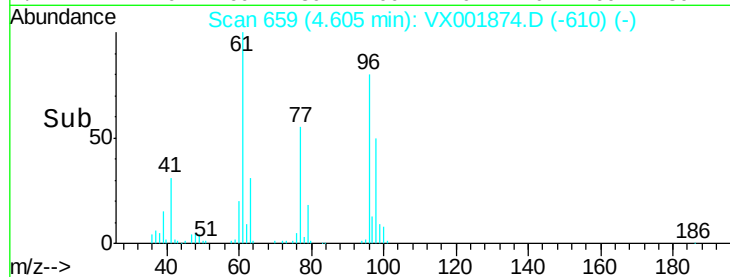
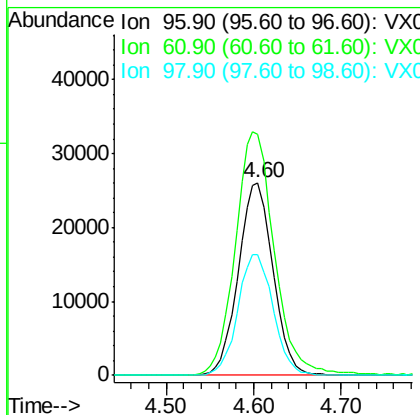
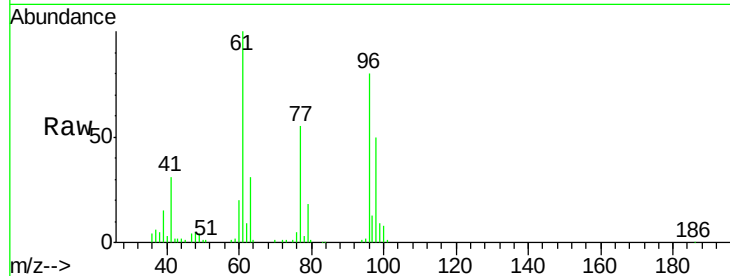
cis-1,2-Dichloroethene
Concen: 20.993 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	280.4
98	63.6	0.0	128.4

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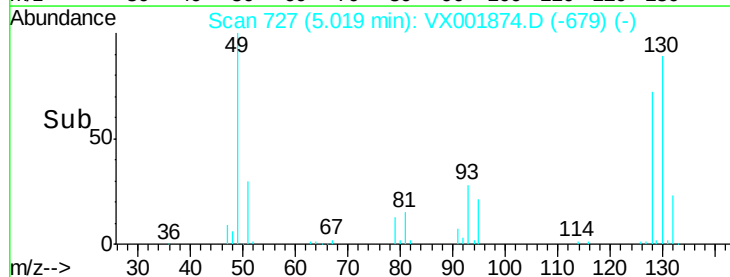
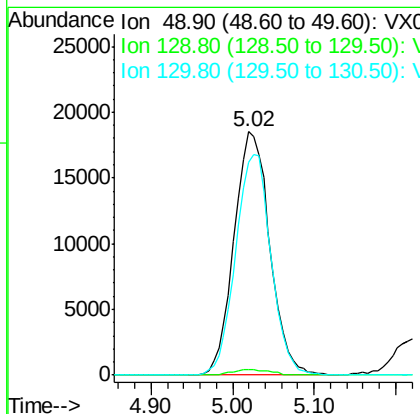
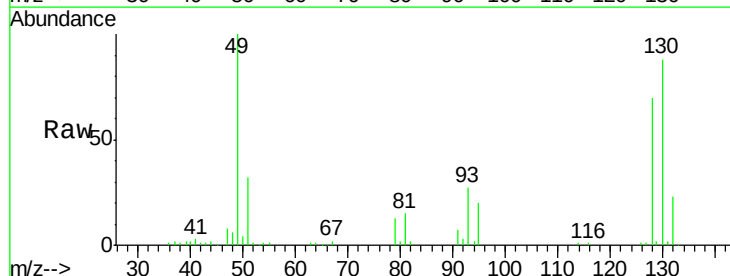
MMDadoda
5/22/2018 12:47:24 PM

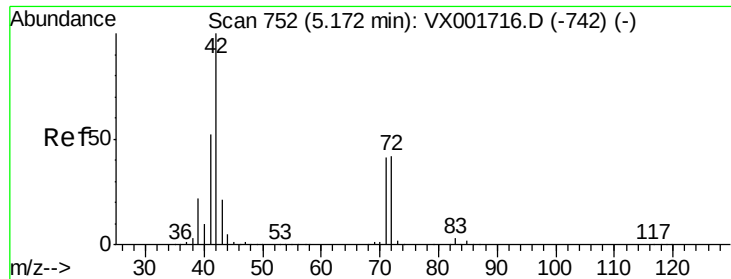


#28

Bromochloromethane
Concen: 23.878 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

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





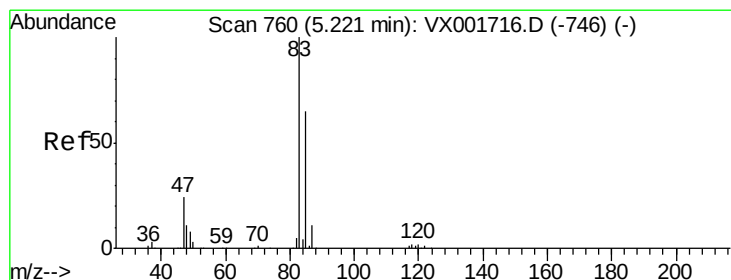
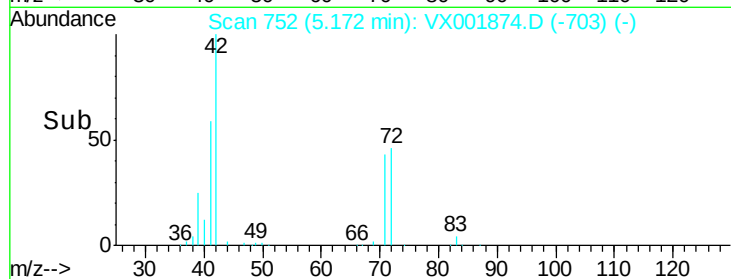
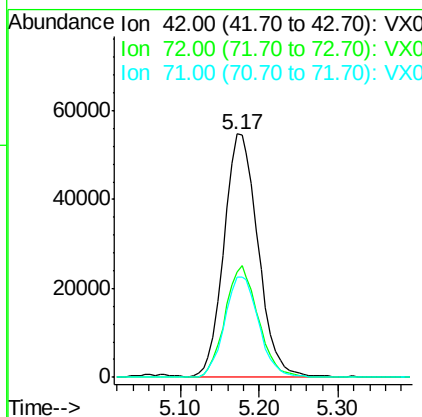
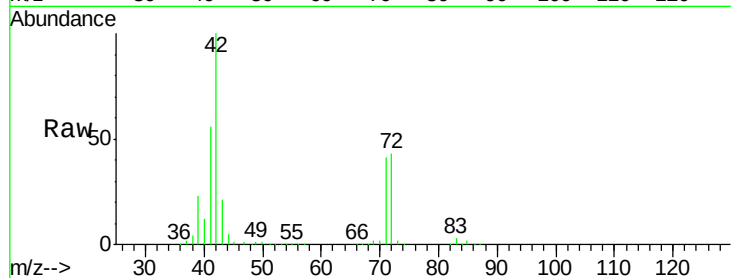
#29
Tetrahydrofuran
Concen: 113.009 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.4	53.2
71	41.7	33.2	49.8

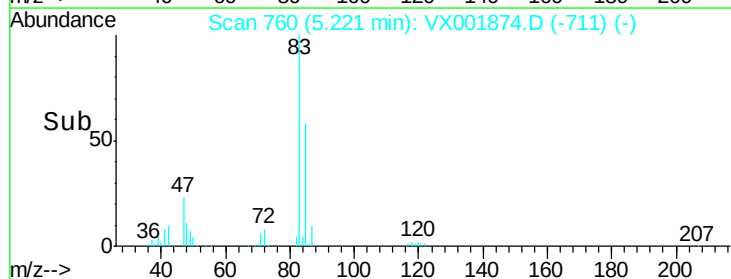
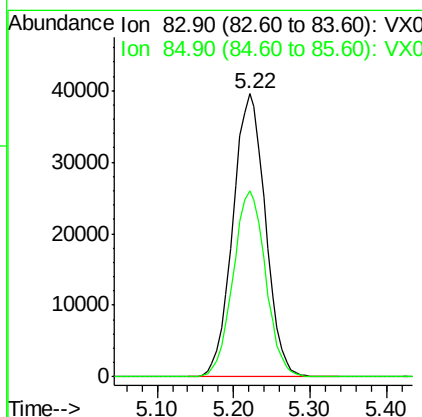
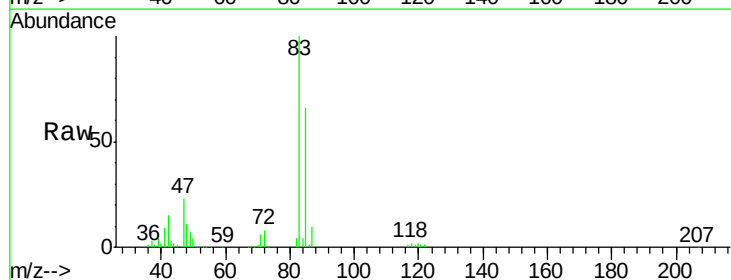
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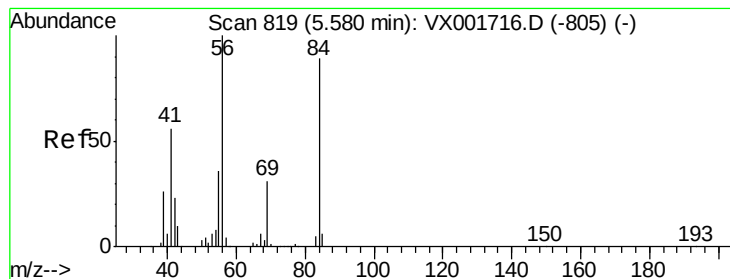
MMDadoda
5/22/2018 12:47:24 PM



#30
Chloroform
Concen: 20.940 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.3	78.5





#31

Cyclohexane

Concen: 20.007 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

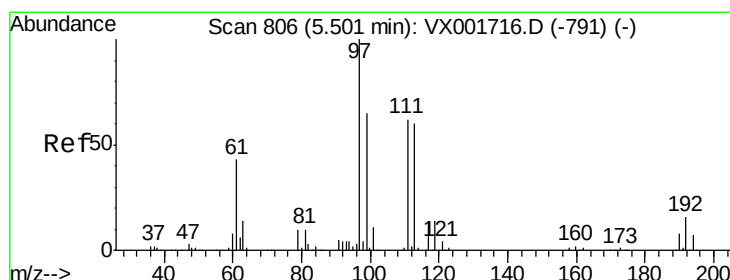
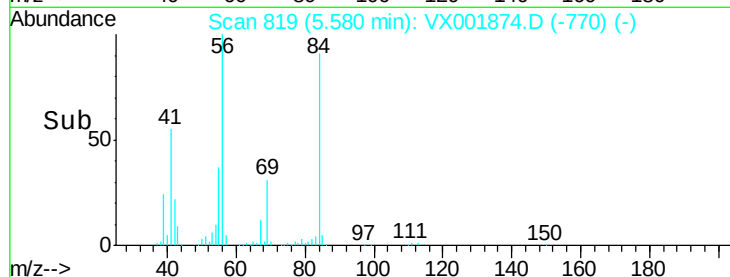
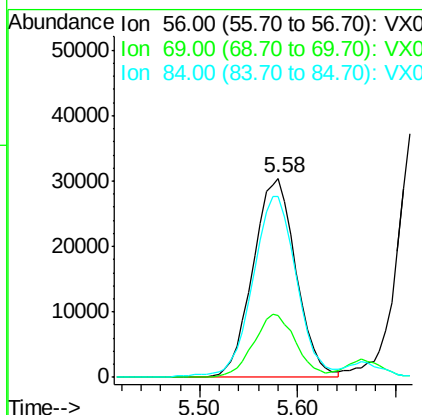
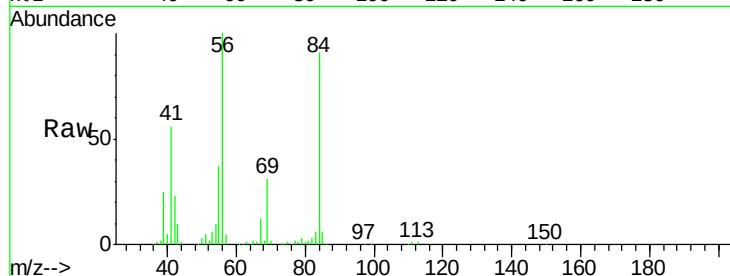
ClientSampleId :

VX0521WBS01

Tot Ion:	56	Resp:	93024
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.0	37.6
84	89.7	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 20.244 ug/l

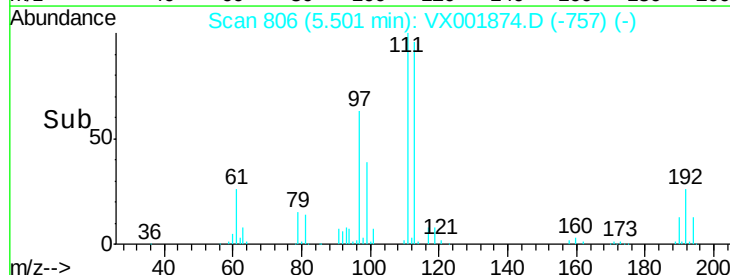
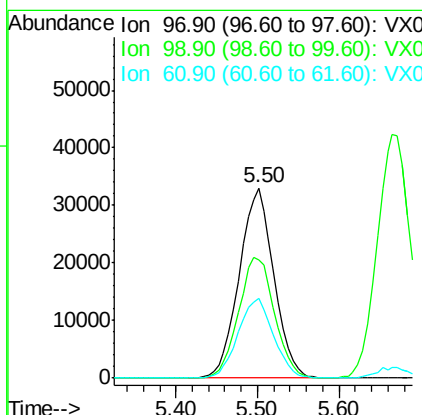
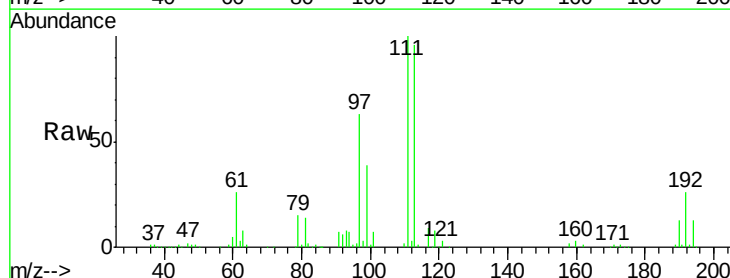
RT: 5.50 min Scan# 806

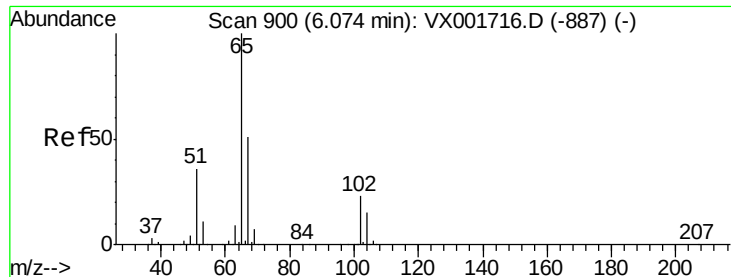
Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion:	97	Resp:	97470
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.3	76.9
61	42.9	34.0	51.0





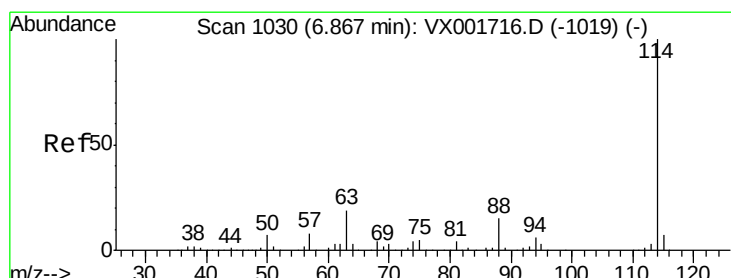
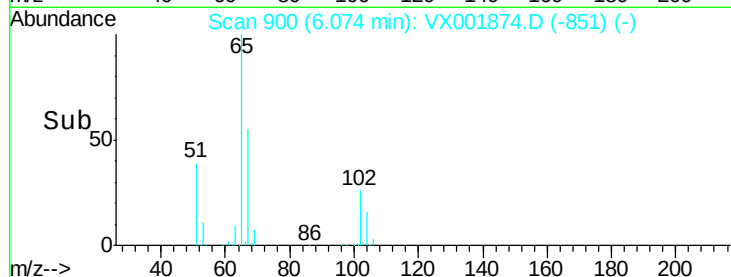
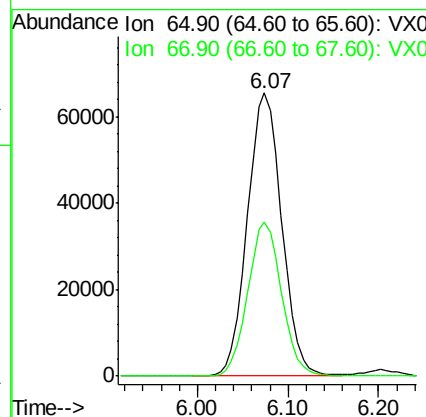
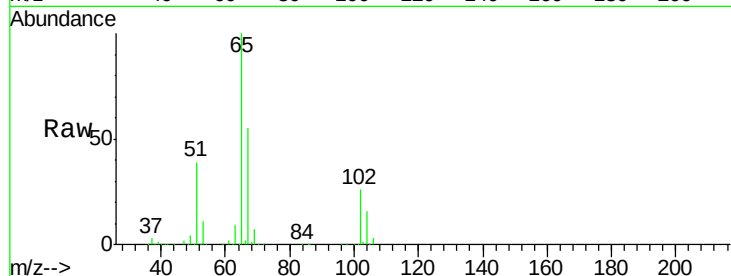
#33
 1,2-Dichloroethane-d4
 Concen: 46.453 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171831		
67	53.6	0.0	102.8	

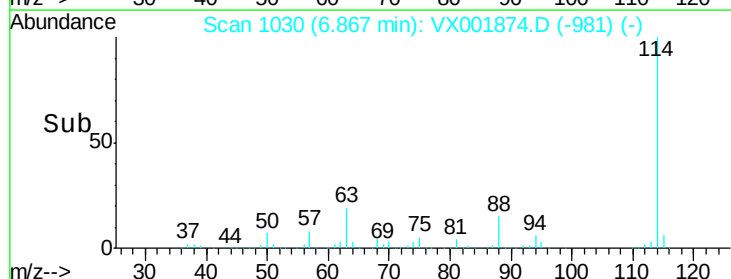
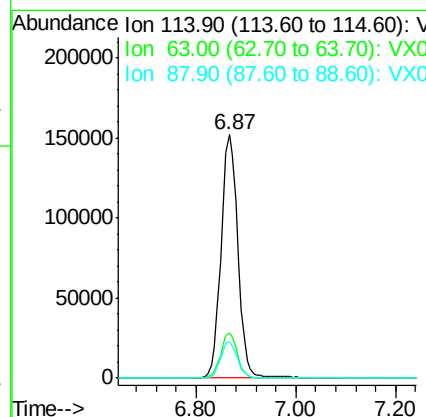
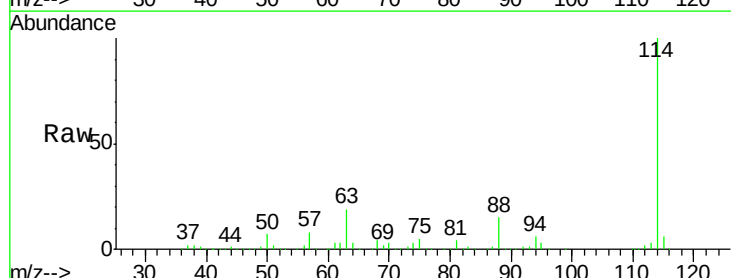
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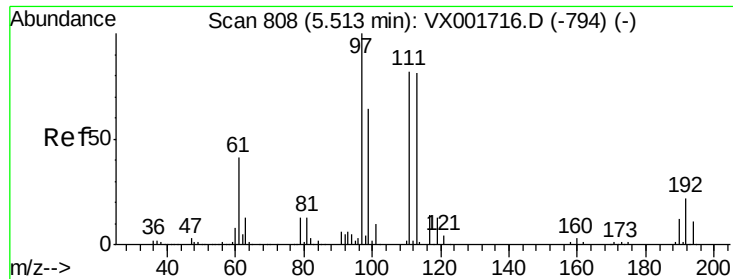
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	357114		
63	18.6	0.0	37.0	
88	14.7	0.0	29.8	





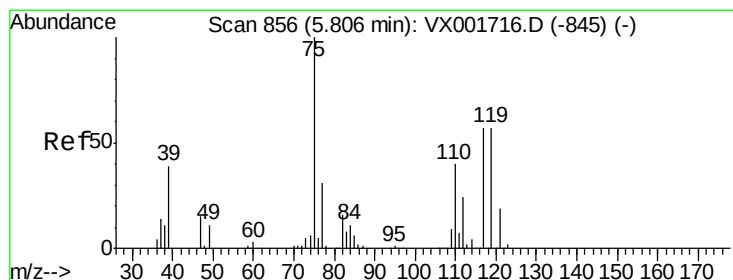
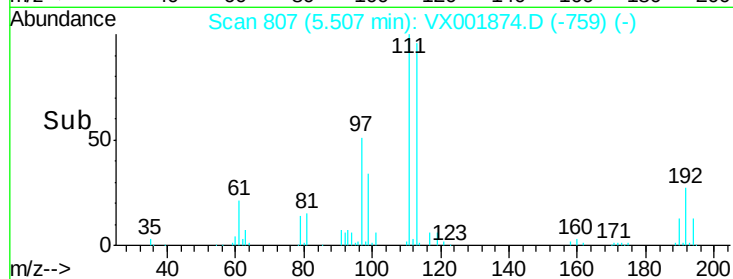
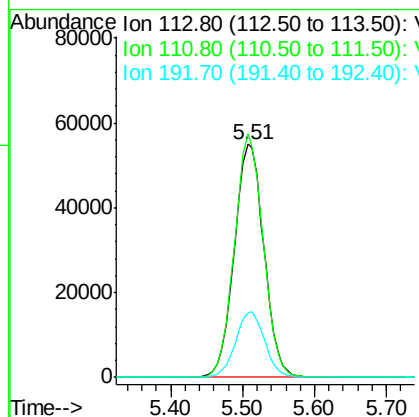
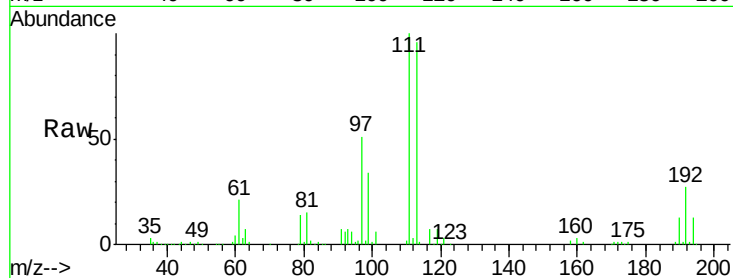
#35
 Dibromofluoromethane
 Concen: 52.145 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157149		
111	101.4	82.0	123.0	
192	27.6	21.6	32.4	

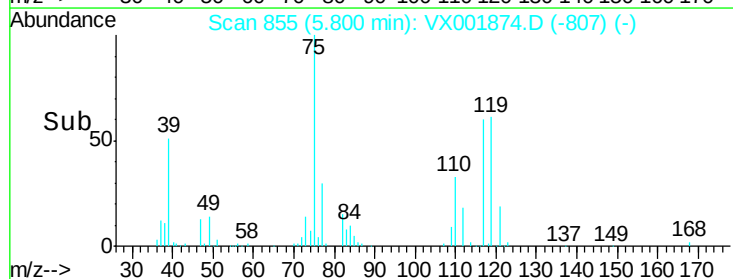
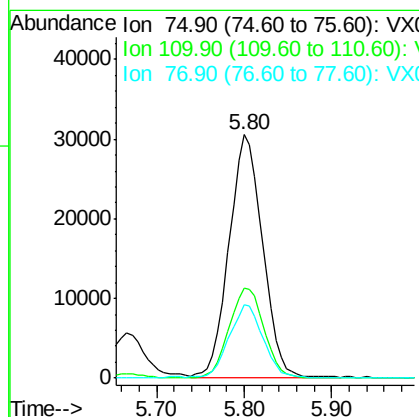
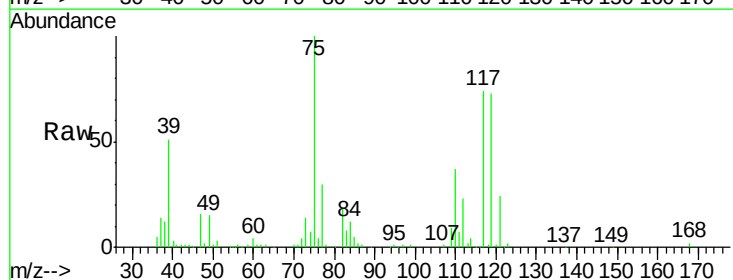
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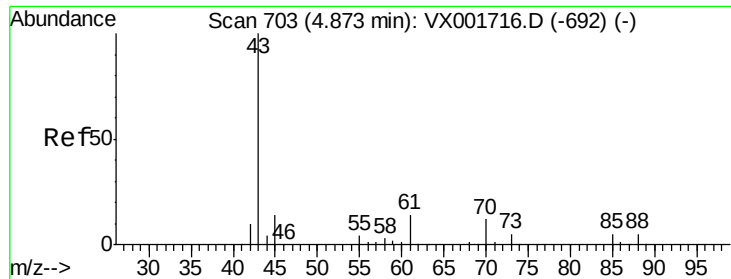
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.679 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80899		
110	38.6	19.1	57.1	
77	30.7	24.6	37.0	





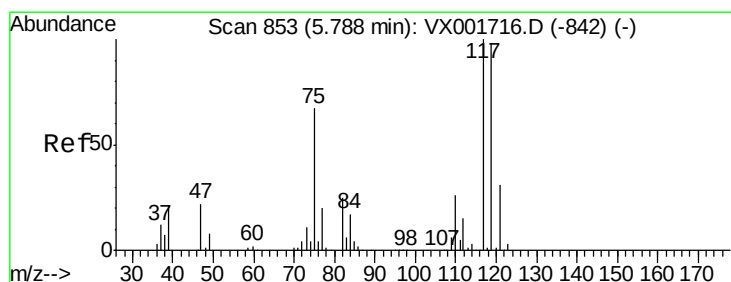
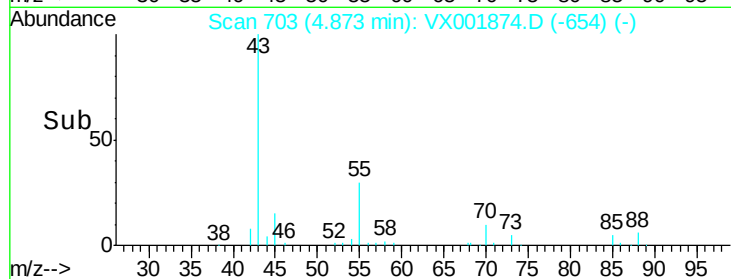
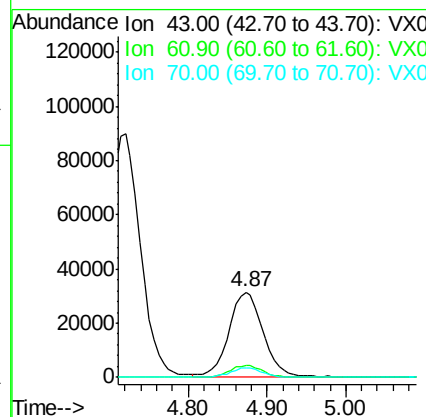
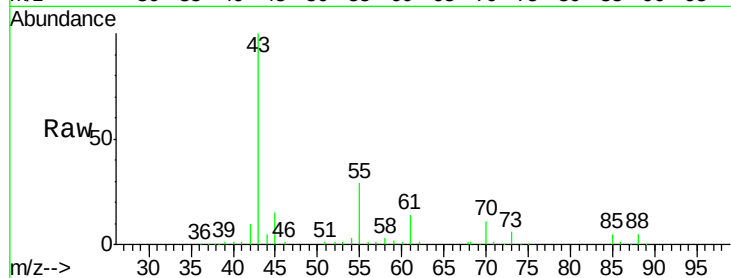
#37
Ethyl Acetate
Concen: 21.874 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	11.1	8.8	13.2

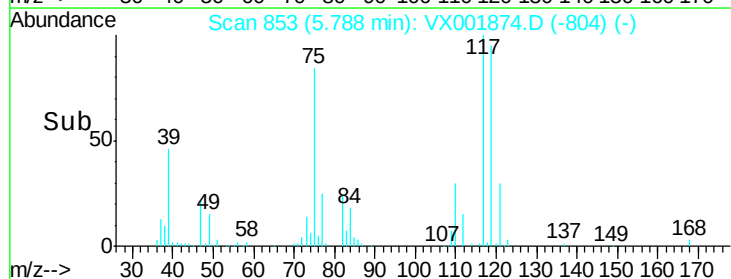
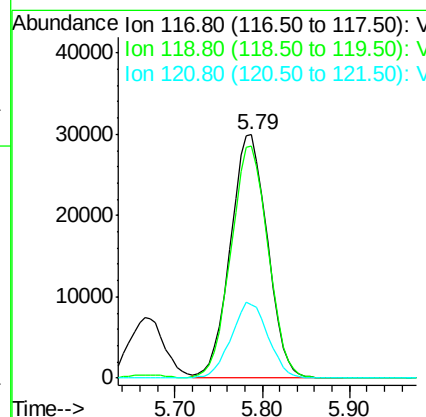
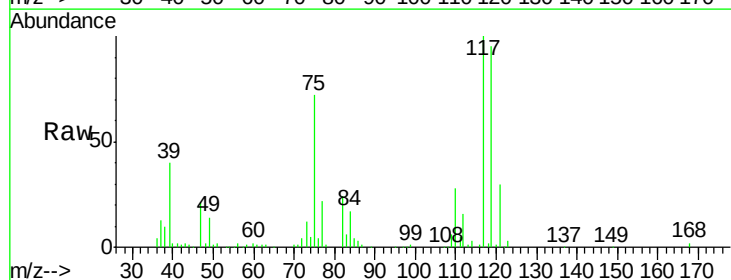
Manual Integrations
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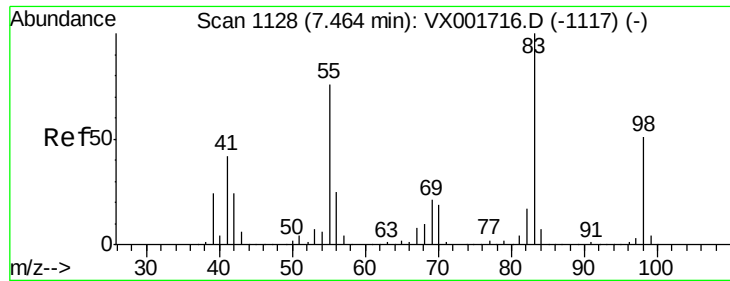
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#38
Carbon Tetrachloride
Concen: 20.480 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.6	116.4
121	30.3	24.6	36.8





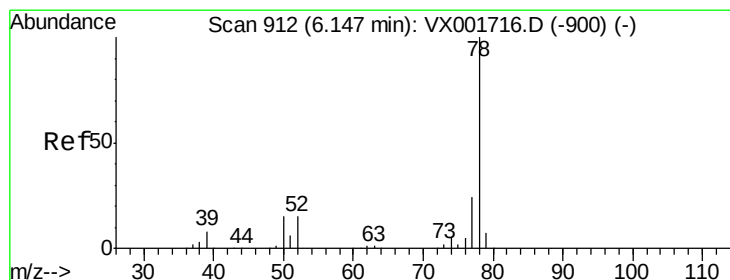
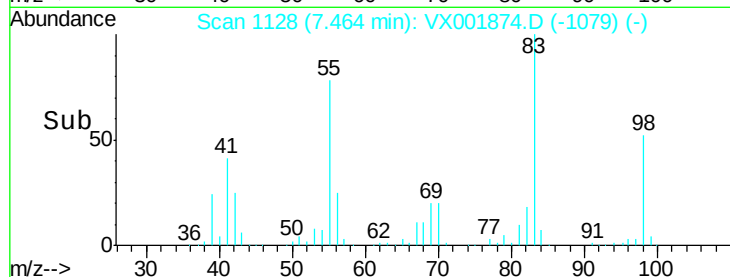
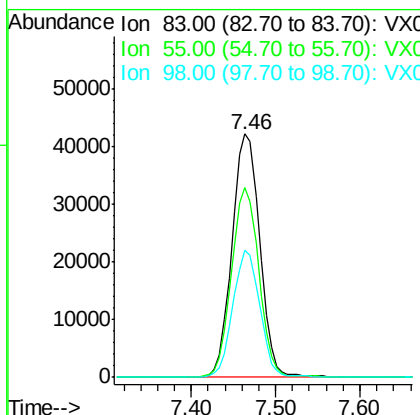
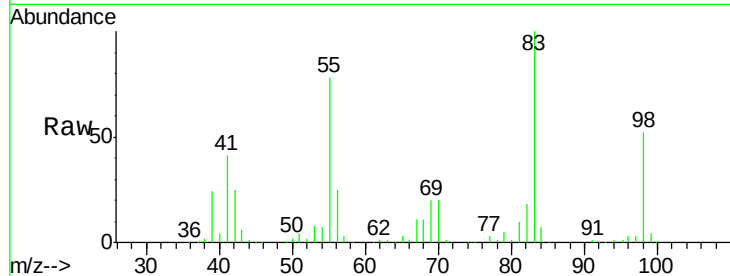
#39
Methylvlcyclohexane
Concen: 19.647 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampled :
VX0521WBS01

Tot Ion	83.00	Resp	94371
Ion	Ratio	Lower	Upper
83	100		
55	77.7	60.6	90.8
98	52.0	40.4	60.6

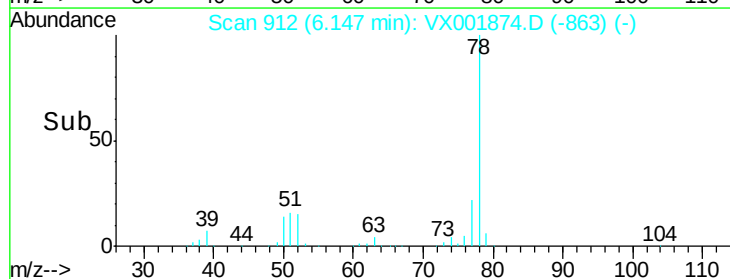
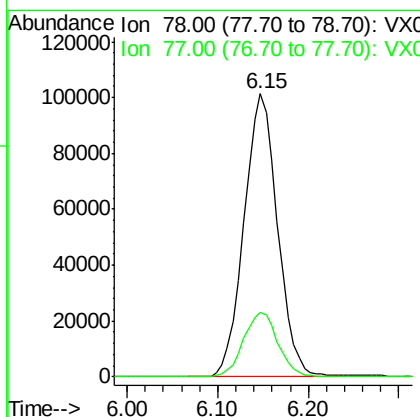
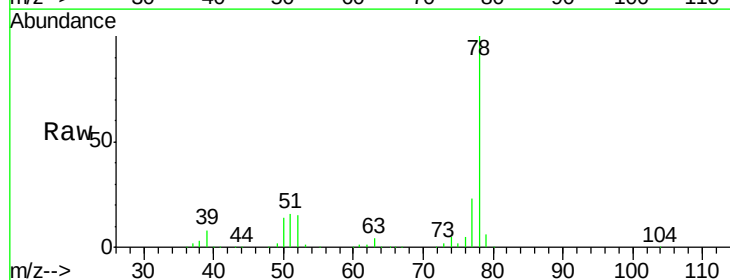
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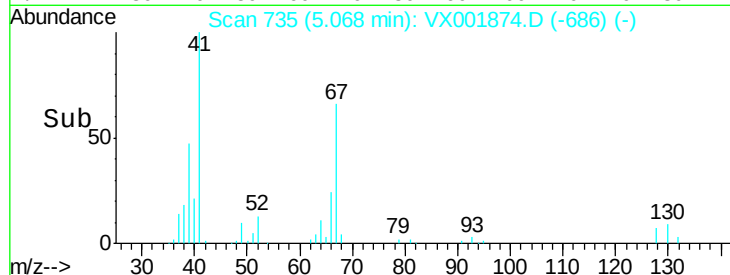
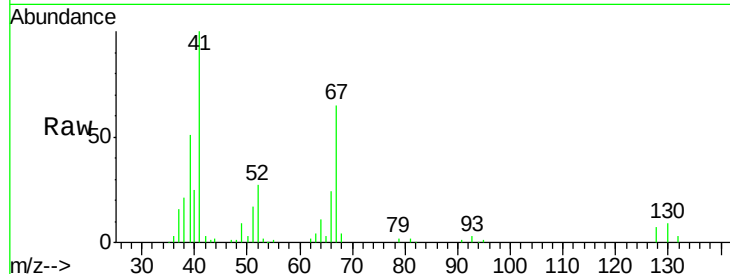
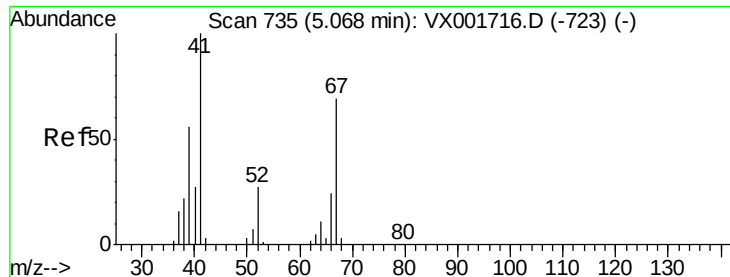
MMDadoda
5/22/2018 12:47:24 PM



#40
Benzene
Concen: 21.409 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	78.00	Resp	259318
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





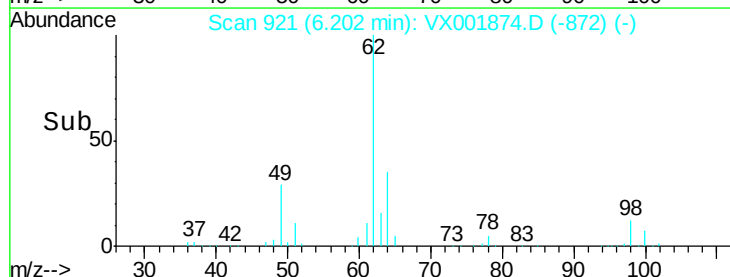
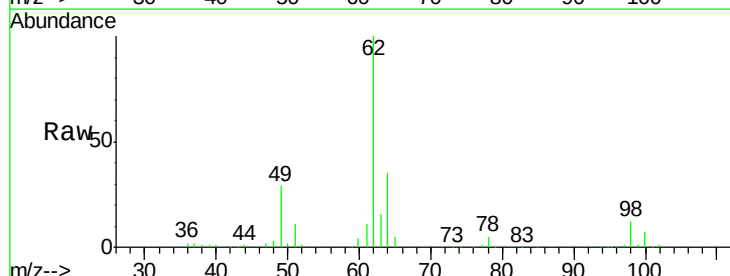
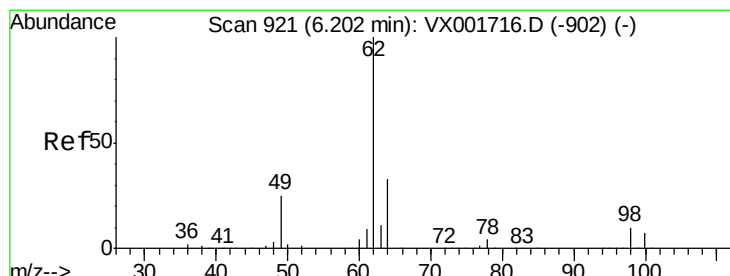
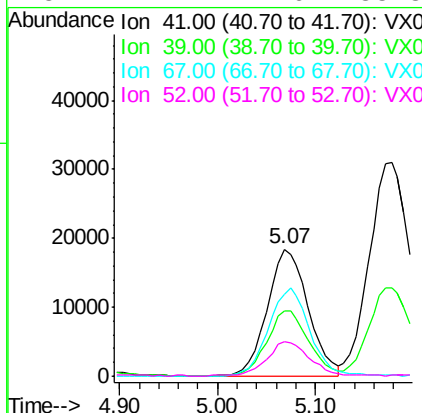
#41
Methacrylonitrile
Concen: 21.725 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.7	44.2	66.4		
67	70.4	56.0	84.0		
52	27.4	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

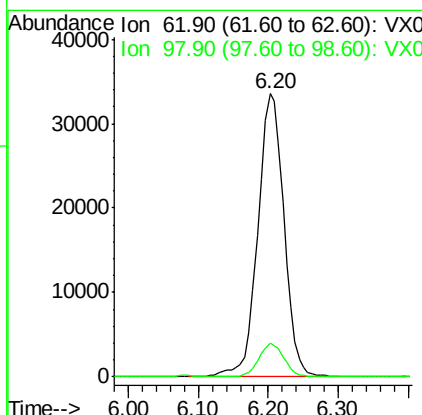
Manual Integrations
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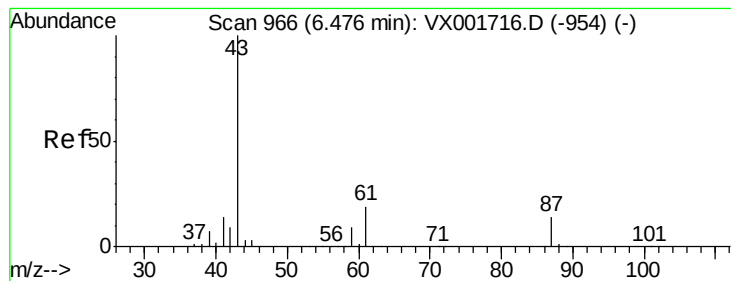
MMDadoda
5/22/2018 12:47:24 PM



#42
1,2-Dichloroethane
Concen: 20.023 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	11.4	0.0	20.0		





#43

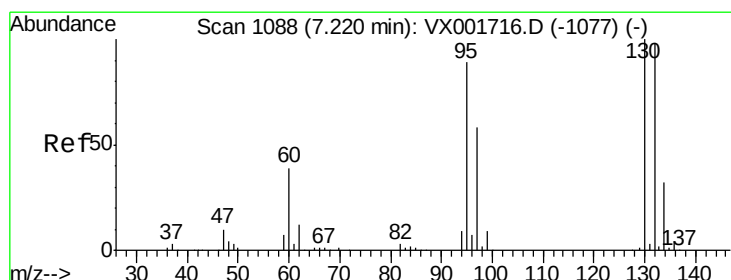
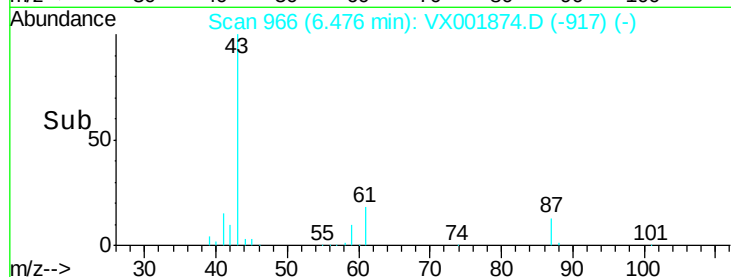
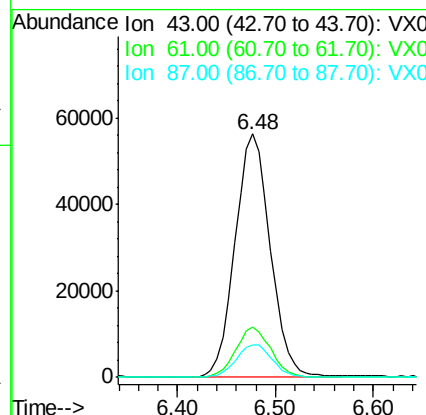
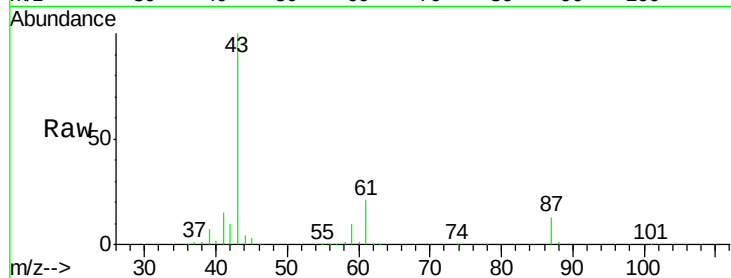
Isopropyl Acetate
 Concen: 20.879 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.8	23.8
87	13.8	11.0	16.4

Manual Integrations
 APPROVED

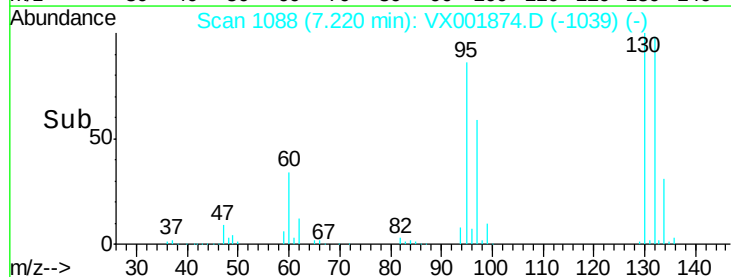
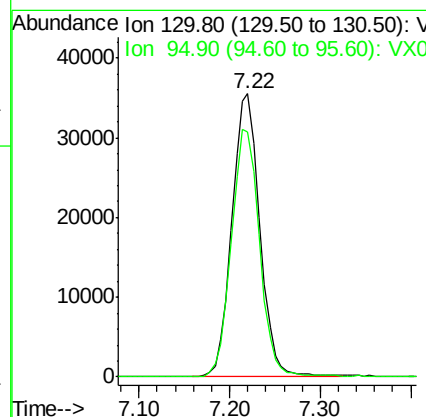
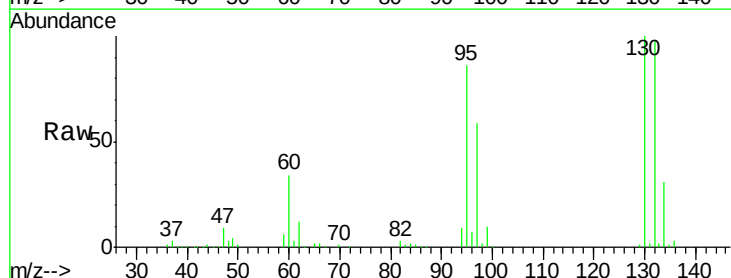
MMDadoda
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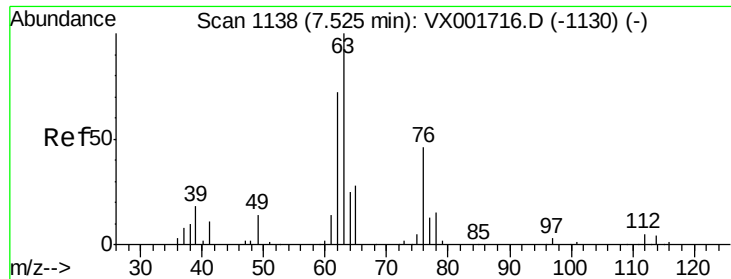


#44

Trichloroethene
 Concen: 20.233 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	177.2





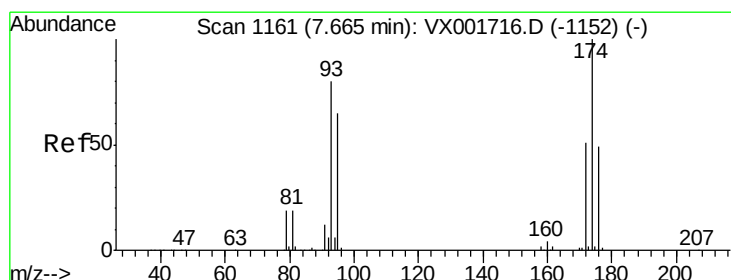
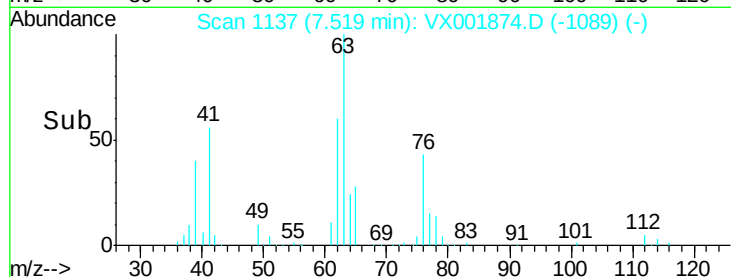
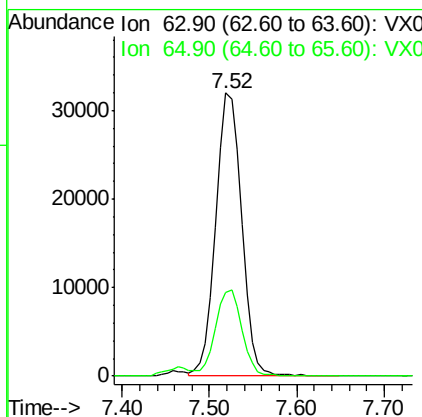
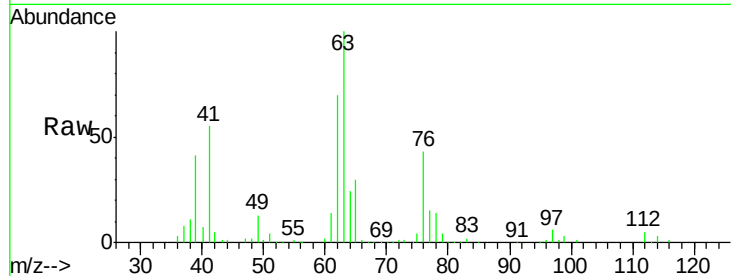
#45
 1,2-Dichloropropane
 Concen: 22.197 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion: 63 Resp: 65971
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.2 36.2

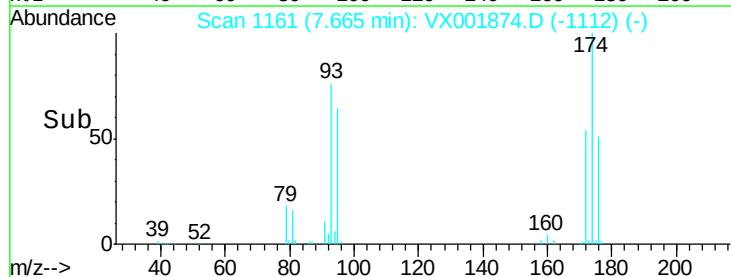
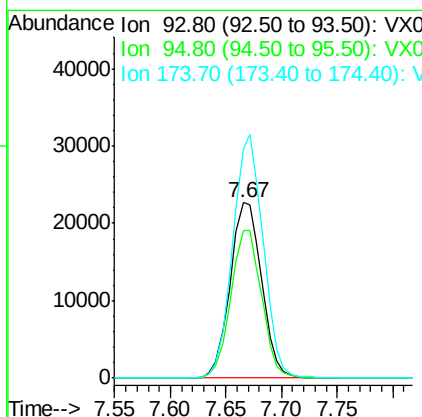
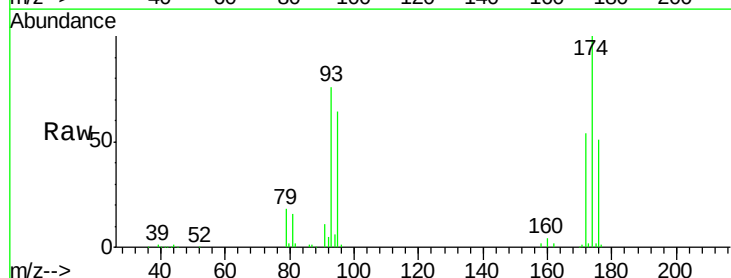
Manual Integrations
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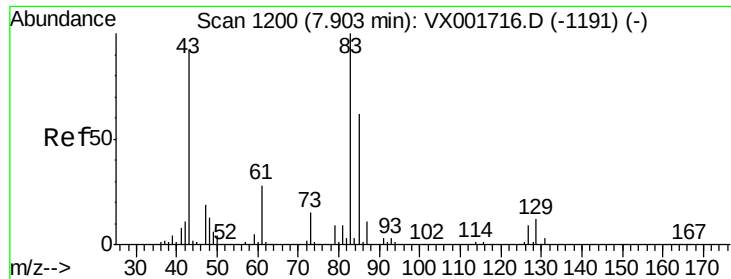
MMDadoda
 5/22/2018 12:47:24 PM



#46
 Dibromomethane
 Concen: 21.326 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion: 93 Resp: 44506
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 133.8 106.2 159.2





#47

Bromodichloromethane

Concen: 21.108 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

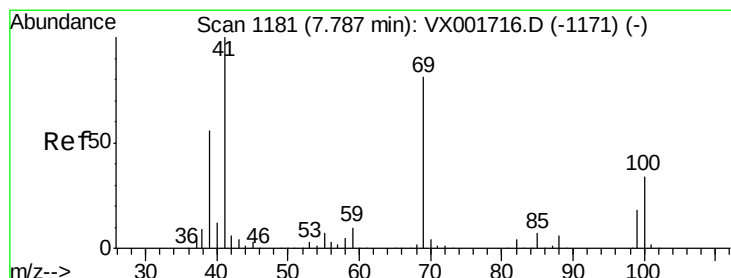
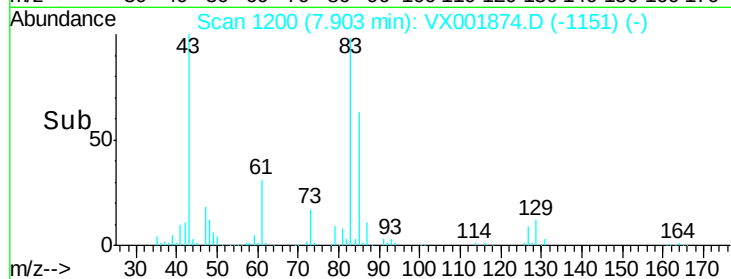
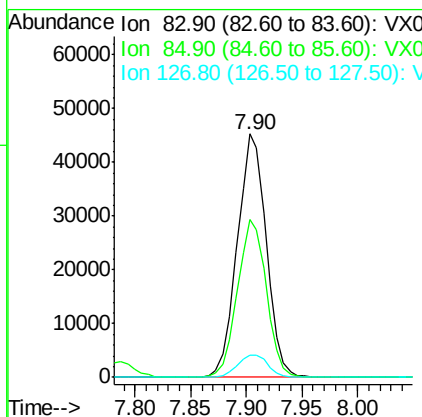
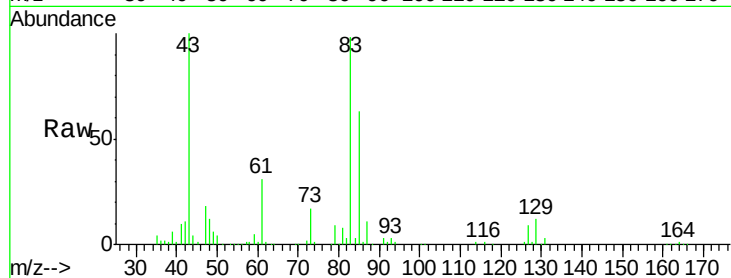
ClientSampleId :

VX0521WBS01

Tot Ion:	83	Resp:	81744
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.6	74.4
127	9.4	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.404 ug/l

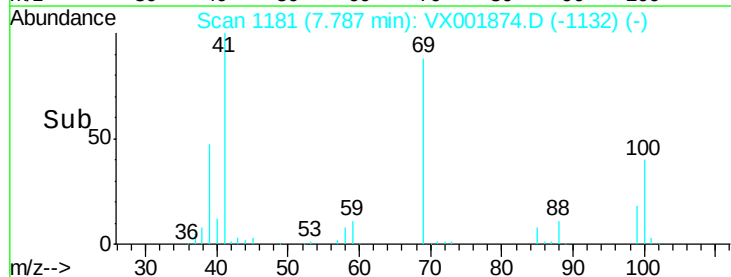
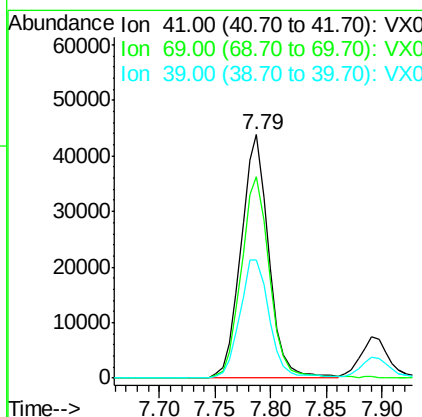
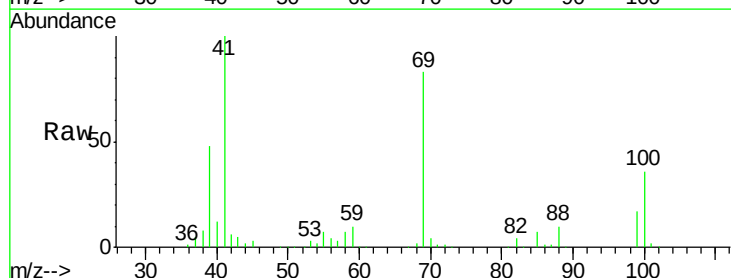
RT: 7.79 min Scan# 1181

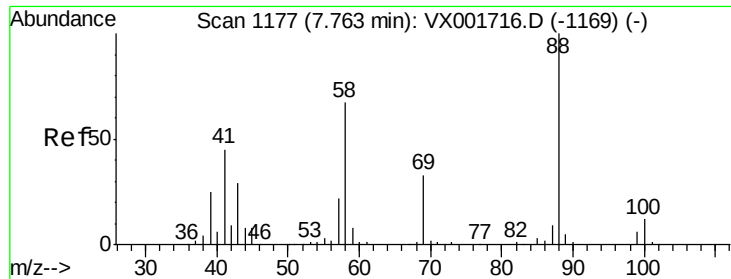
Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion:	41	Resp:	75543
Ion	Ratio	Lower	Upper
41	100		
69	85.1	65.2	97.8
39	51.6	44.5	66.7





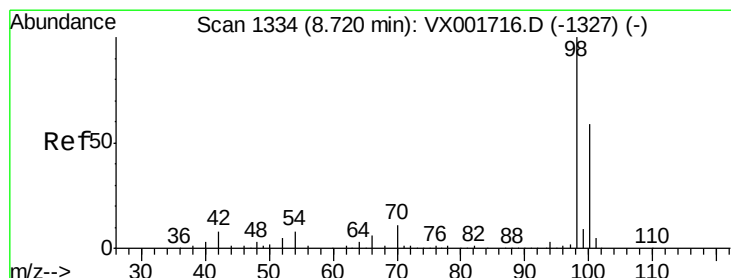
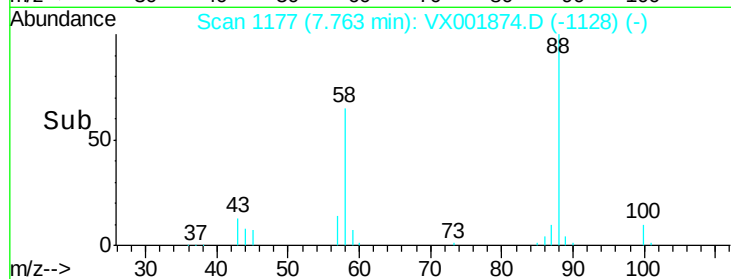
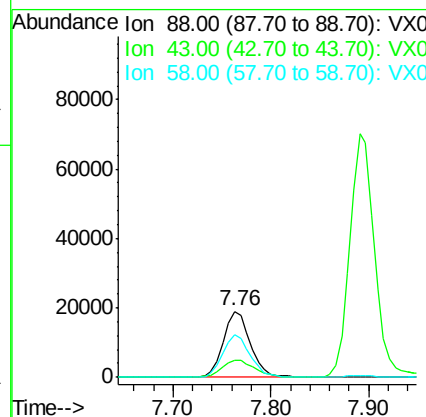
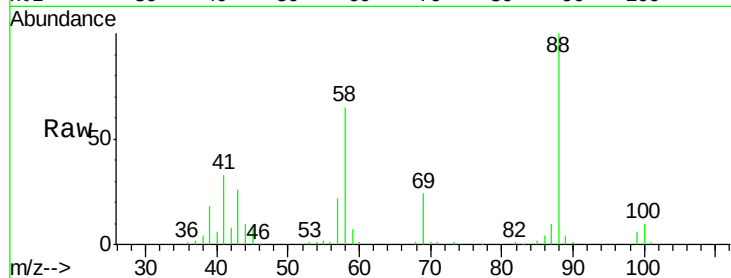
#49
1,4-Dioxane
Concen: 536.111 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	27.3	40.9
58	66.3	55.9	83.9

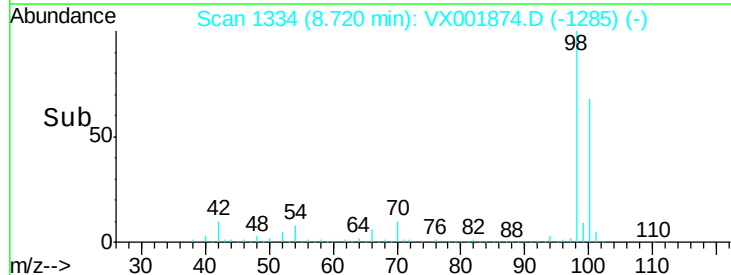
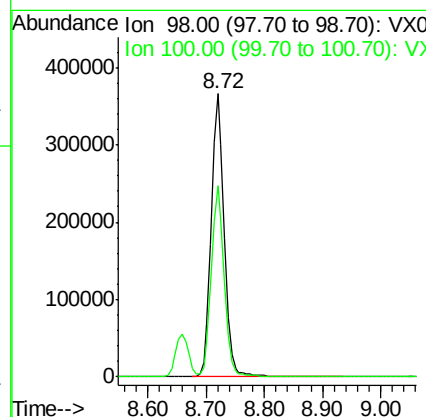
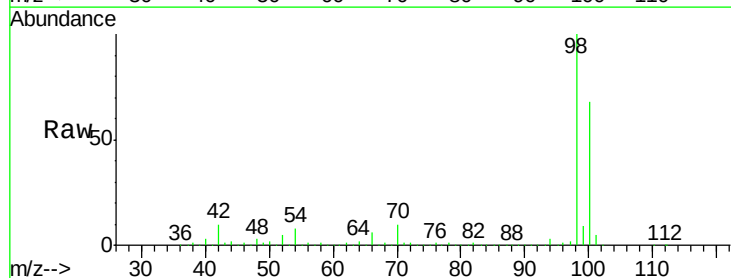
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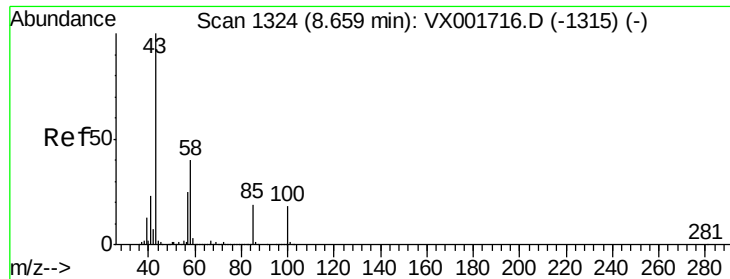
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#50
Toluene-d8
Concen: 52.909 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	54.0	81.0





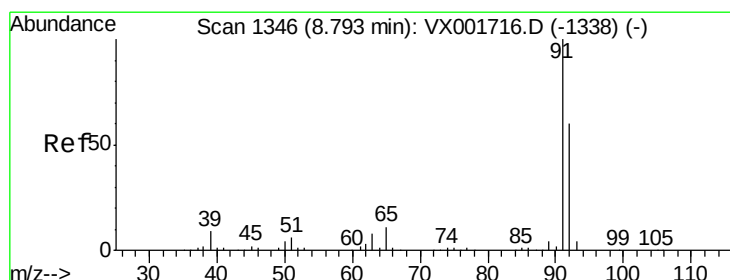
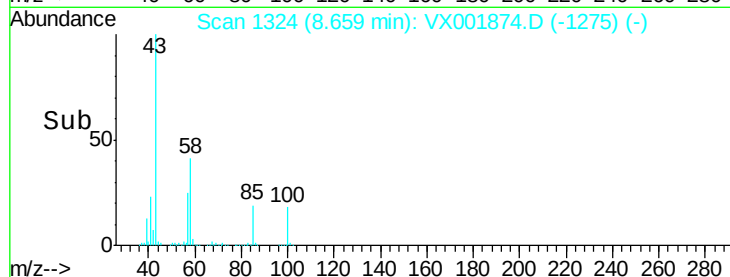
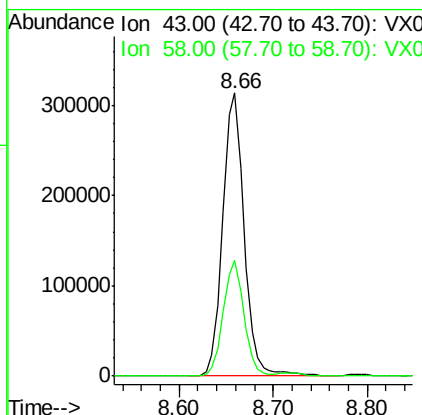
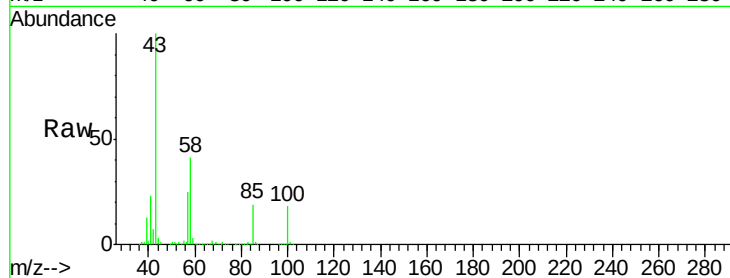
#51
4-Methyl-2-Pentanone
Concen: 116.548 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.4	47.0

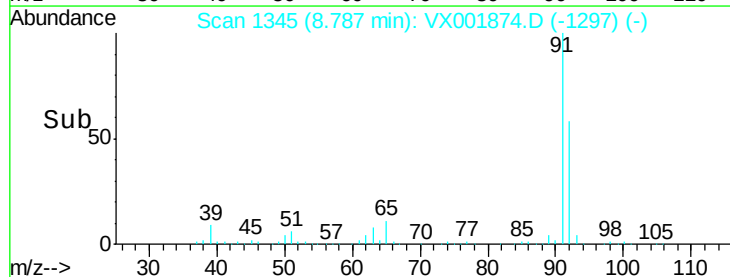
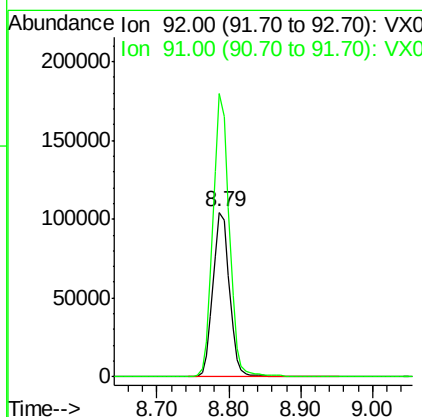
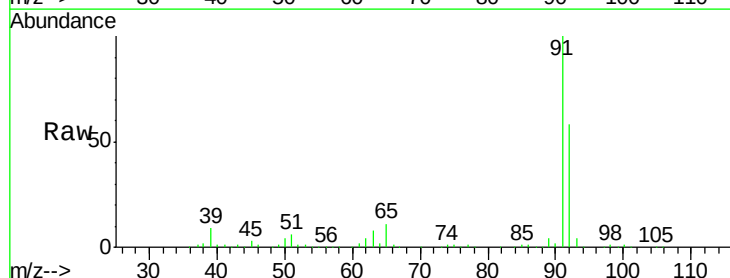
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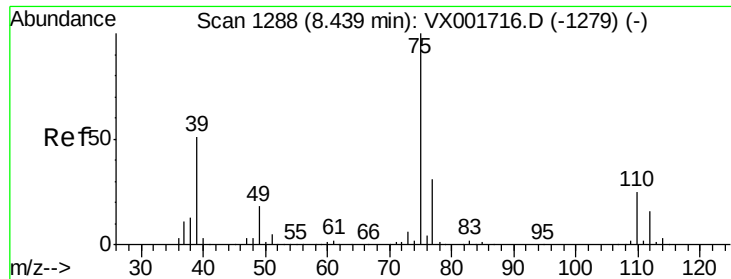
MMDadoda
5/22/2018 12:47:24 PM



#52
Toluene
Concen: 21.547 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.4	135.5	203.3





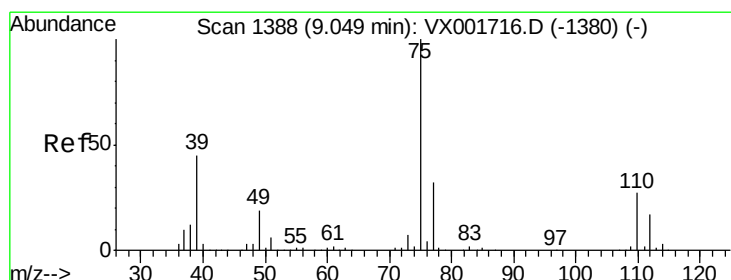
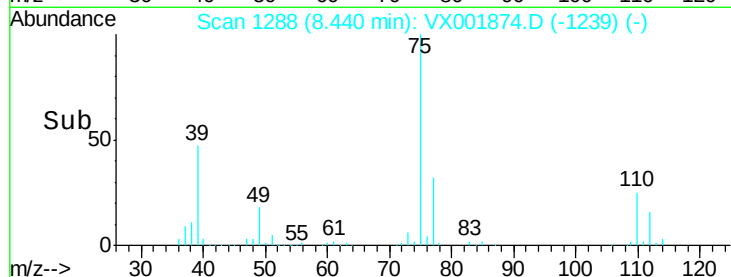
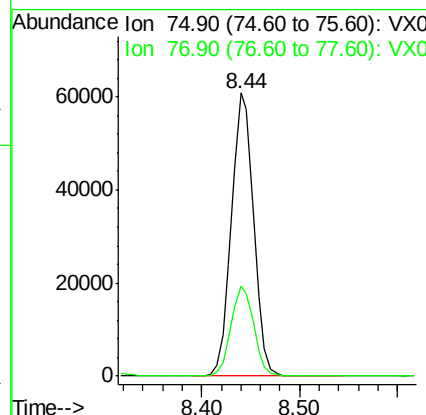
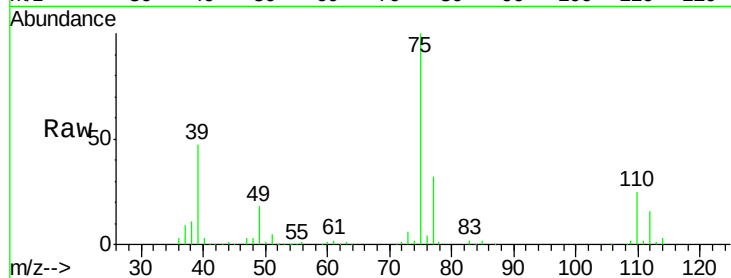
#53
t-1,3-Dichloropropene
Concen: 21.084 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion: 75 Resp: 96069
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6

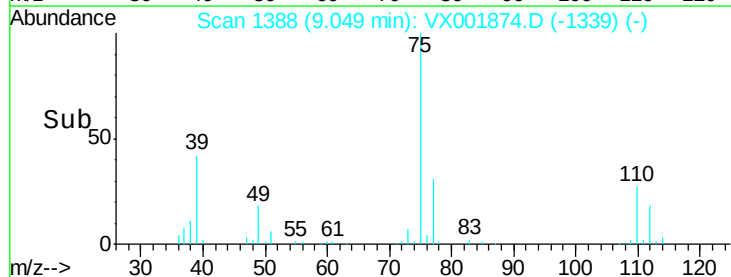
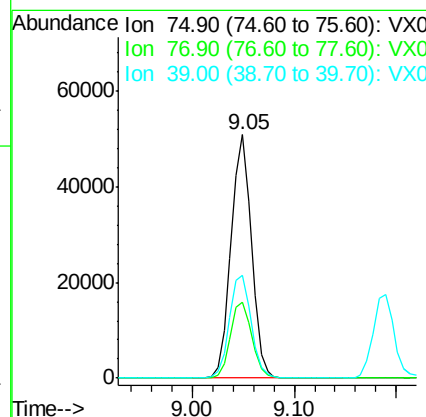
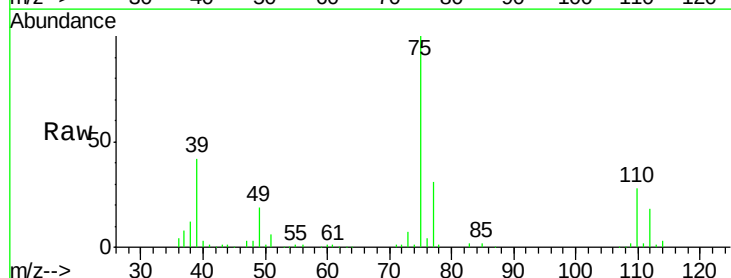
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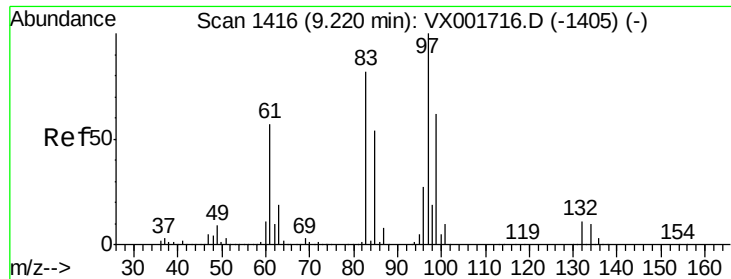
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.601 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion: 75 Resp: 70695
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 42.1 36.1 54.1





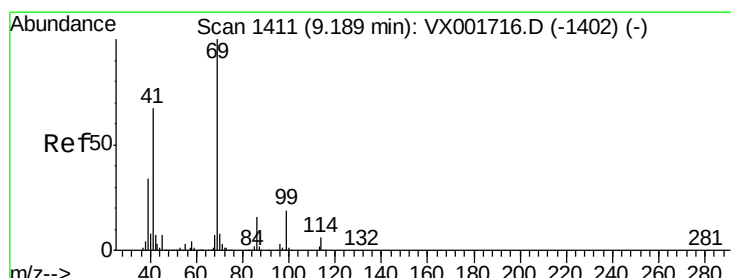
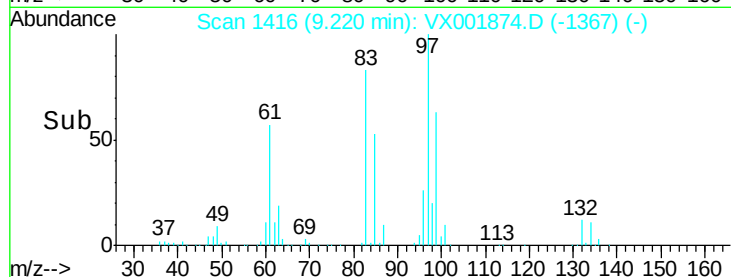
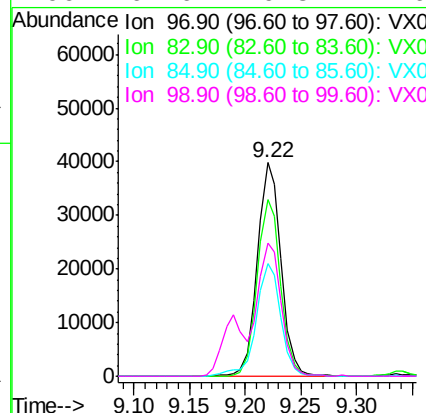
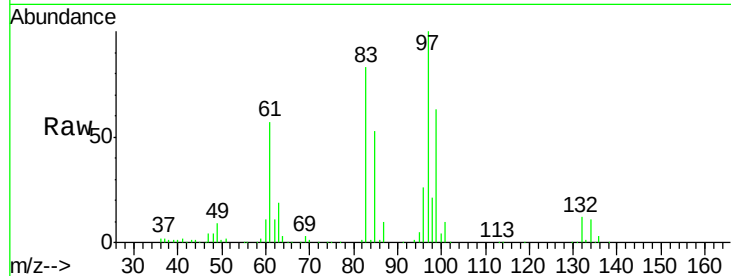
#55
 1,1,2-Trichloroethane
 Concen: 19.810 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58935		
83	82.9	65.8	98.8		
85	52.9	43.4	65.0		
99	62.6	49.8	74.6		

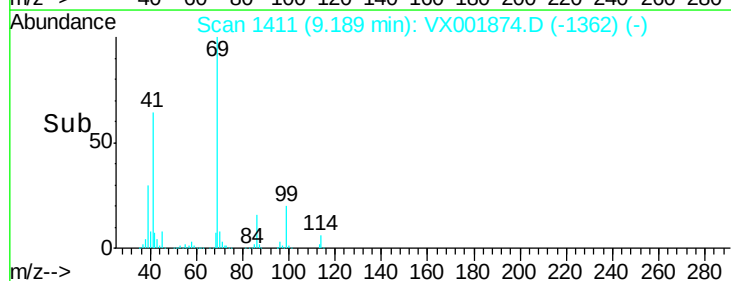
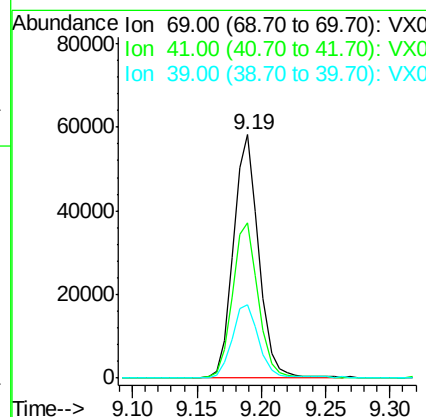
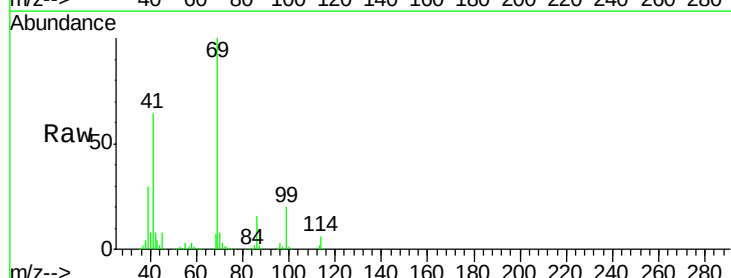
Manual Integrations
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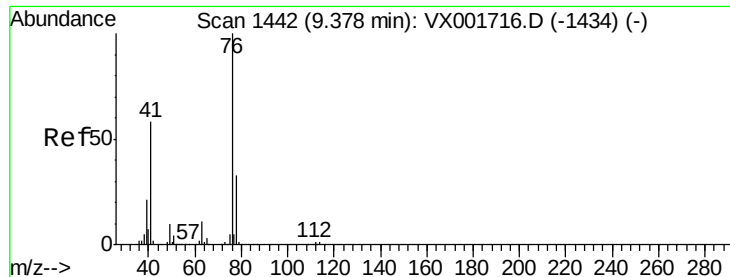
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 5/22/2018 12:47:24 PM



#56
 Ethyl methacrylate
 Concen: 19.012 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		80211		
41	65.1	53.5	80.3		
39	32.0	27.2	40.8		





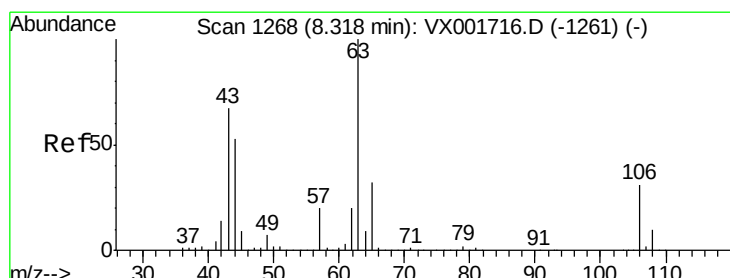
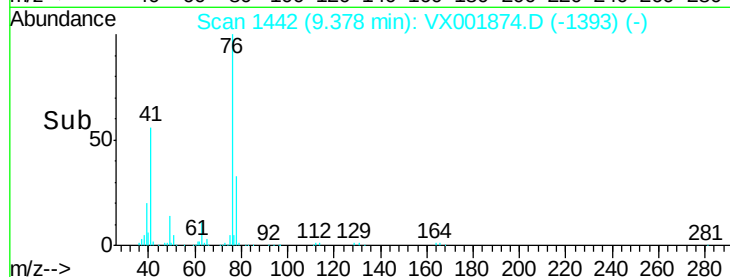
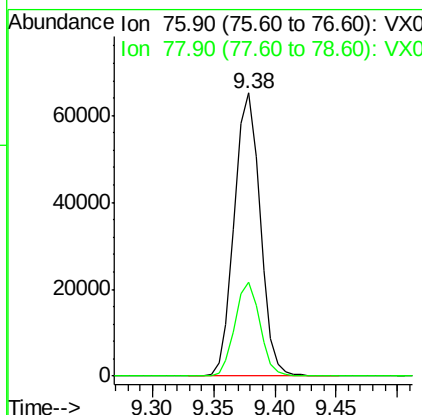
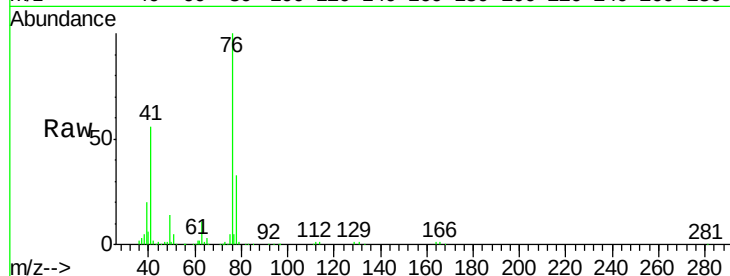
#57
 1,3-Dichloropropane
 Concen: 19.201 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

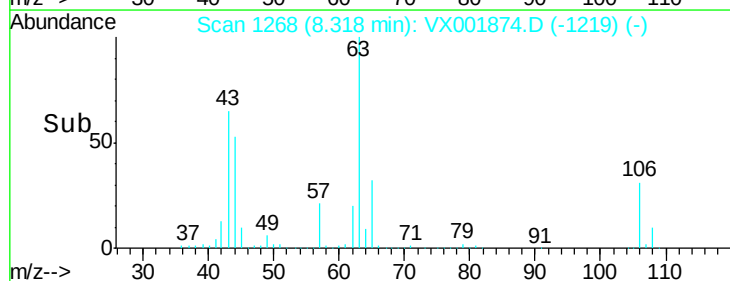
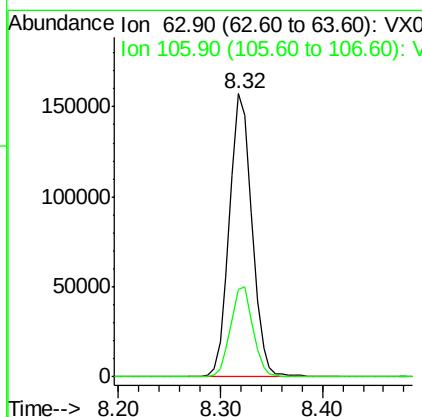
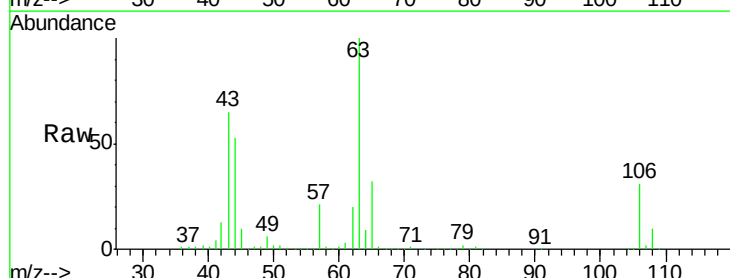
Manual Integrations
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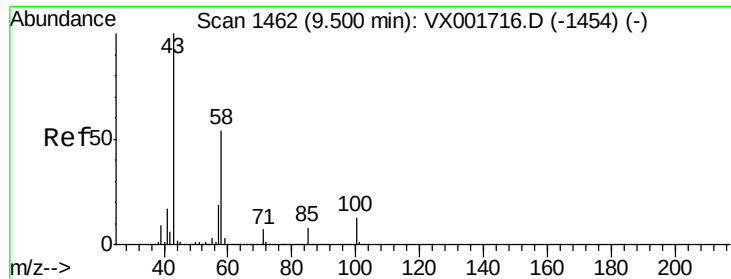
MMDadoda
 5/22/2018 12:47:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.574 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.1	37.7





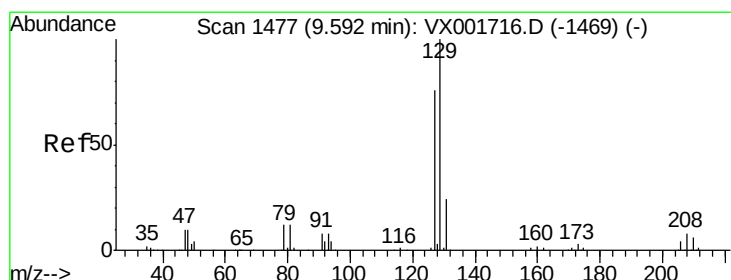
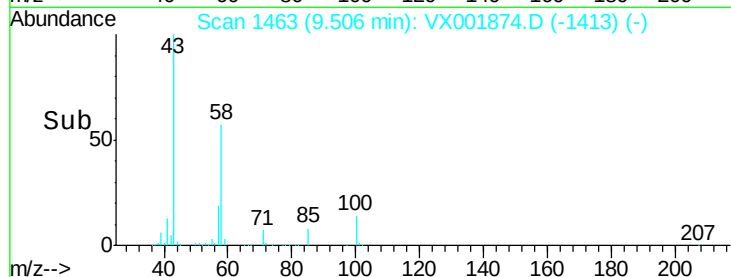
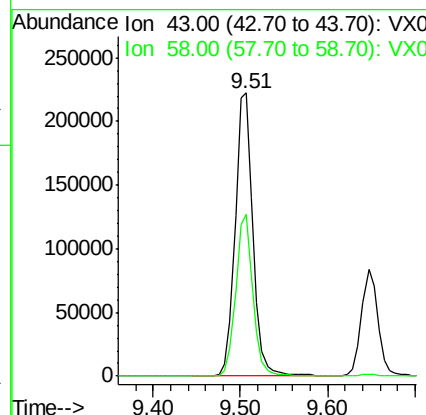
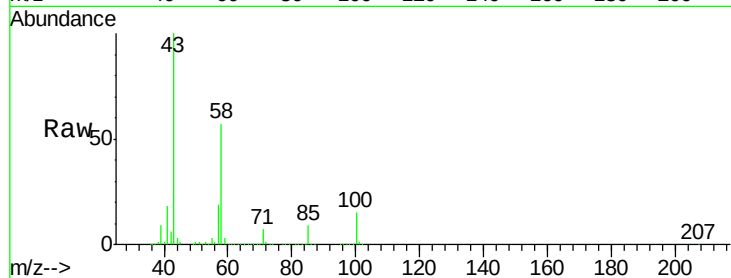
#59
2-Hexanone
Concen: 103.781 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion: 43 Resp: 315692
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1

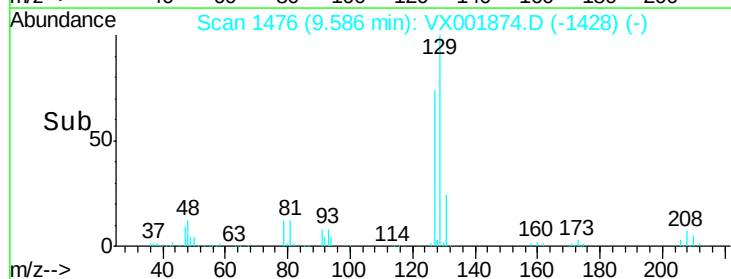
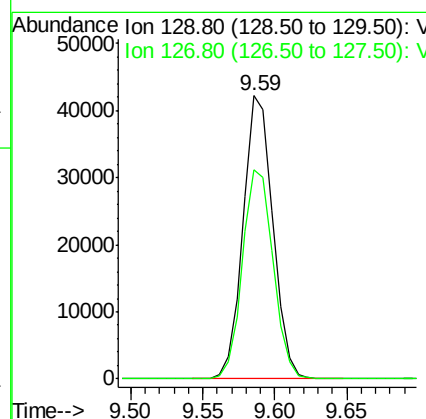
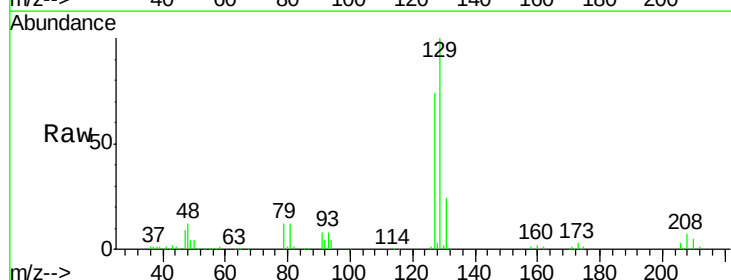
Manual Integrations
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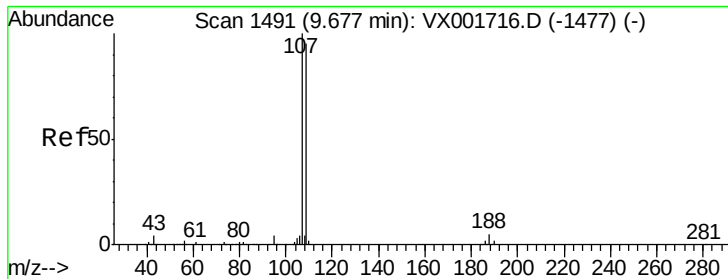
MMDadoda
5/22/2018 12:47:24 PM



#60
Dibromochloromethane
Concen: 19.863 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion: 129 Resp: 60511
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.566 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:107 Resp: 60938

Ion Ratio Lower Upper

107 100

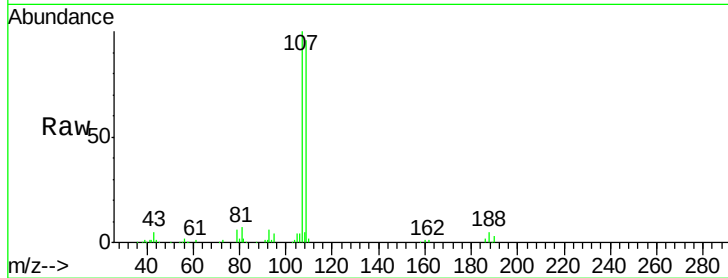
109 94.6 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

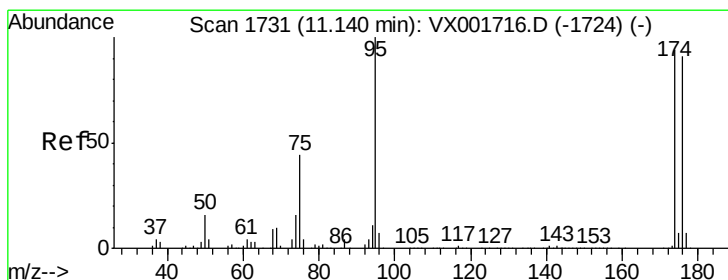
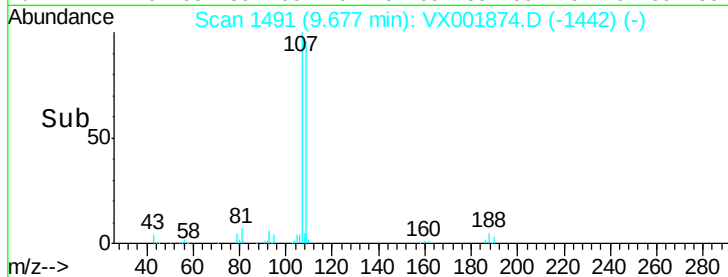
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.049 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

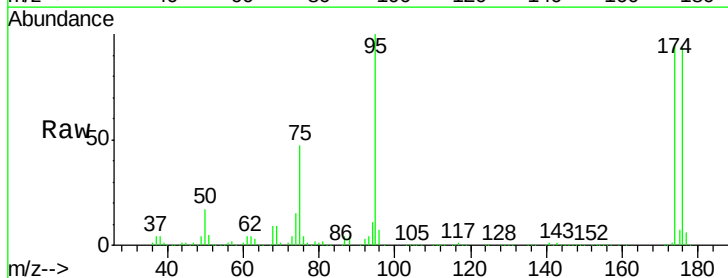
Tgt Ion: 95 Resp: 171188

Ion Ratio Lower Upper

95 100

174 104.1 0.0 201.8

176 100.2 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

11.14

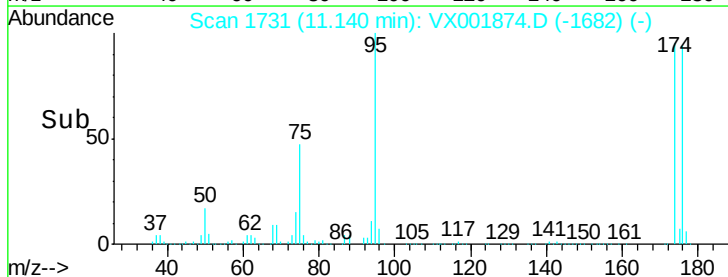
150000

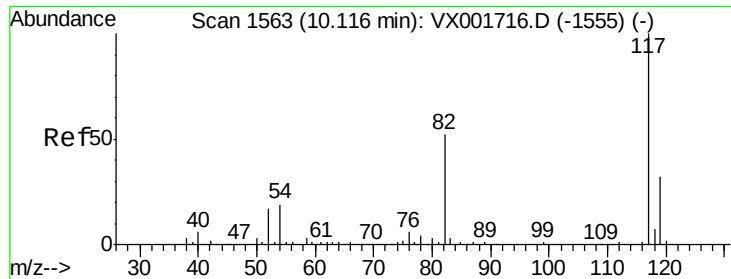
100000

50000

0

Time-->





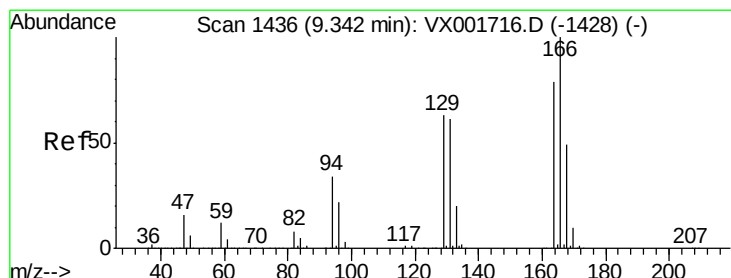
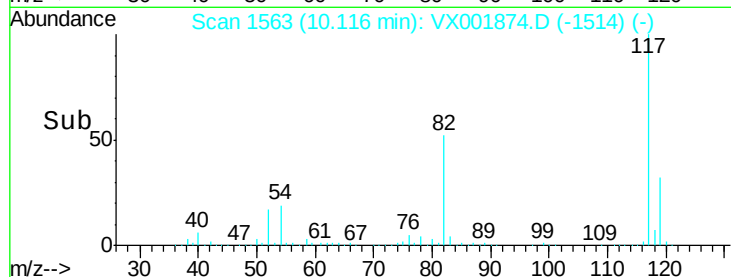
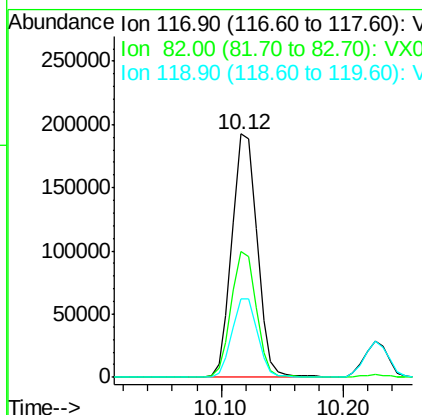
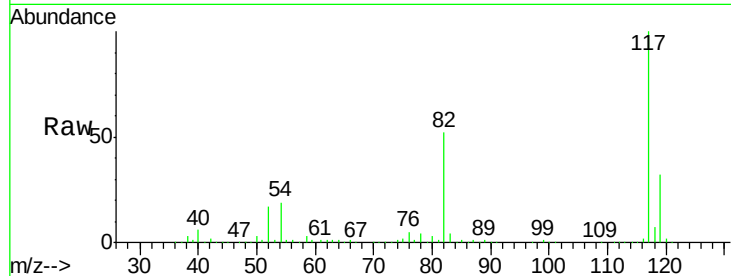
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.4	62.2
119	32.4	25.6	38.4

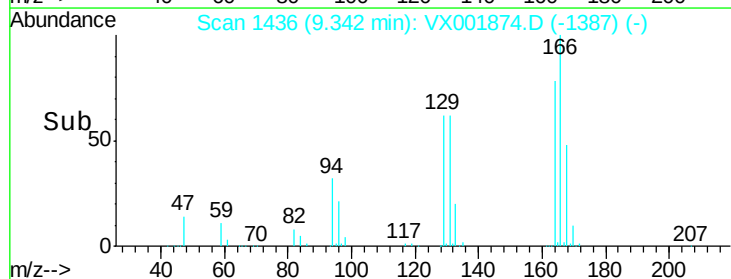
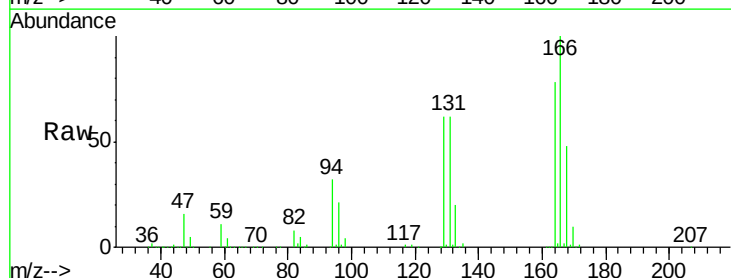
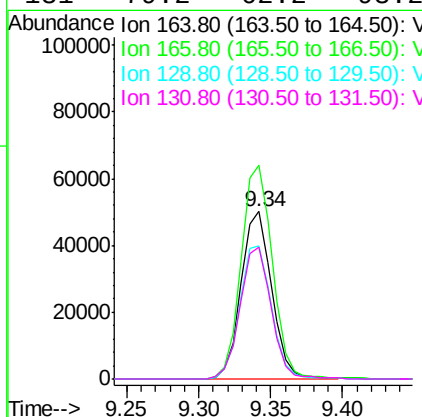
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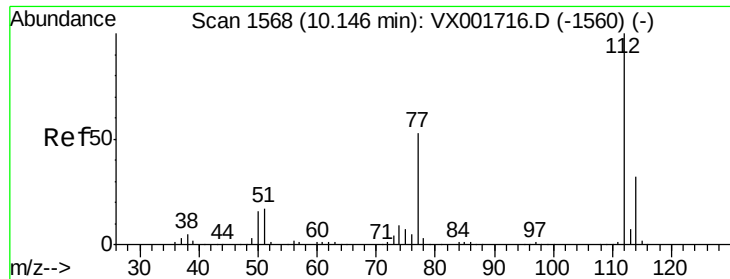
MMDadoda
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#64
Tetrachloroethene
Concen: 20.595 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.8	152.8
129	79.7	63.8	95.6
131	79.2	62.2	93.2





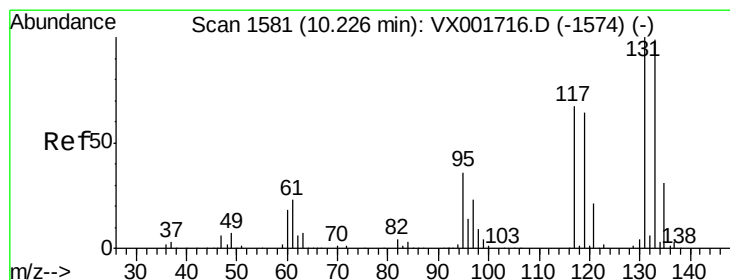
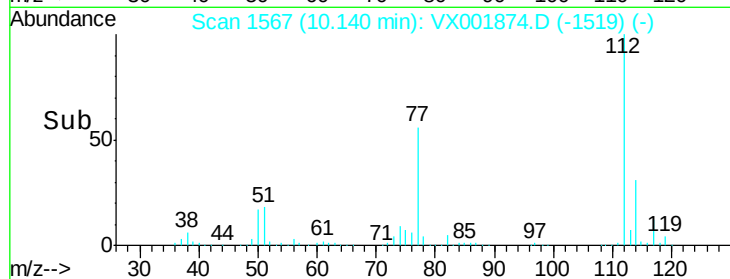
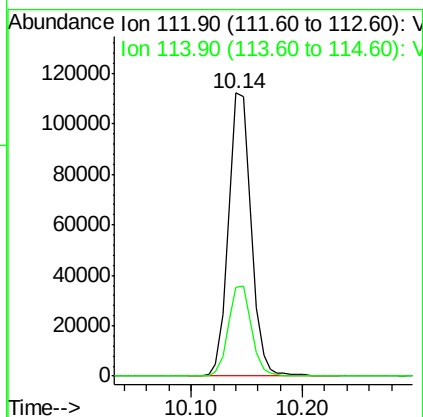
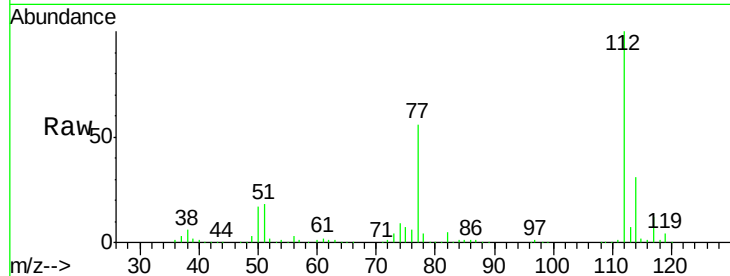
#65
Chlorobenzene
Concen: 20.896 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion:112 Resp: 158591
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

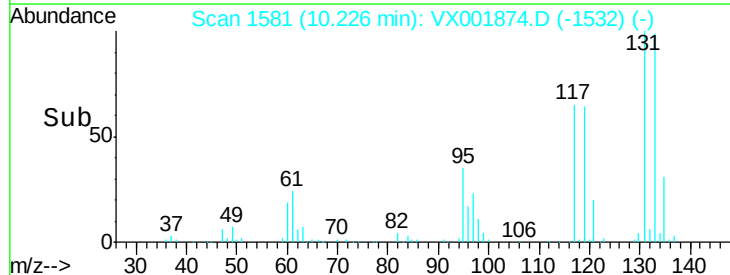
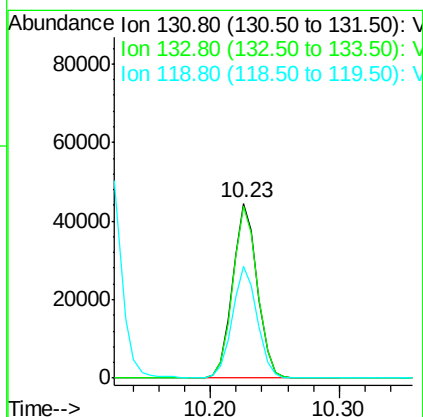
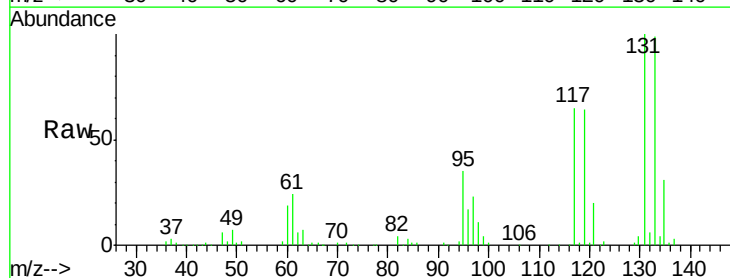
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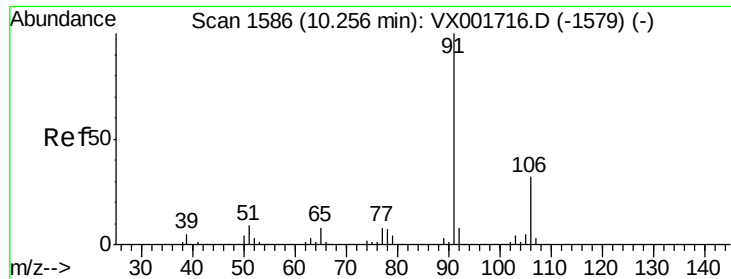
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.122 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion:131 Resp: 59300
Ion Ratio Lower Upper
131 100
133 98.6 48.5 145.6
119 64.6 31.9 95.5





#67

Ethyl Benzene

Concen: 20.920 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 91 Resp: 253746

Ion Ratio Lower Upper

91 100

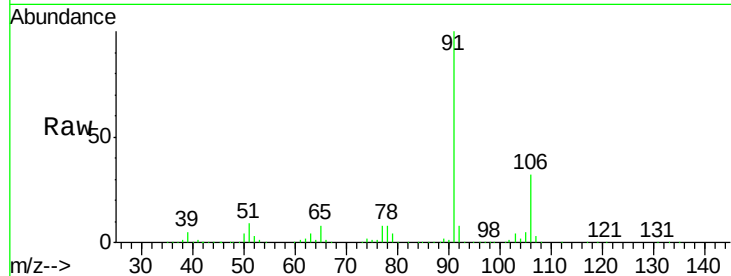
106 32.2 25.7 38.5

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Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX001716.D (-1579) (-)

300000

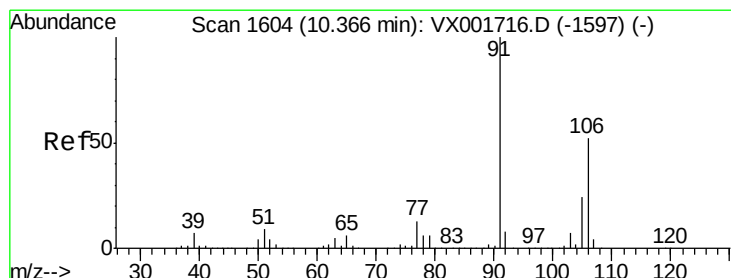
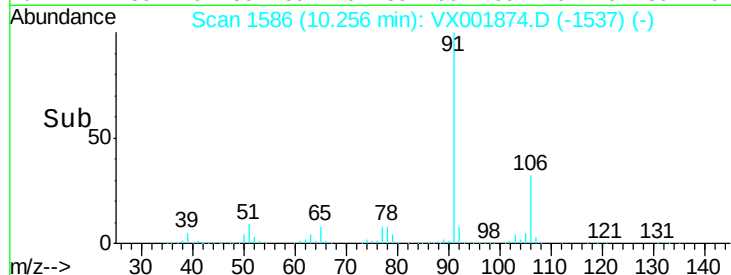
200000

100000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 42.646 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001874.D

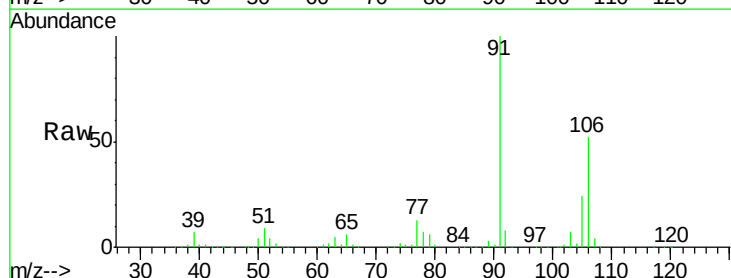
Acq: 21 May 2018 13:43

Tgt Ion: 106 Resp: 204092

Ion Ratio Lower Upper

106 100

91 196.1 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): VX001716.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001716.D (-1597) (-)

300000

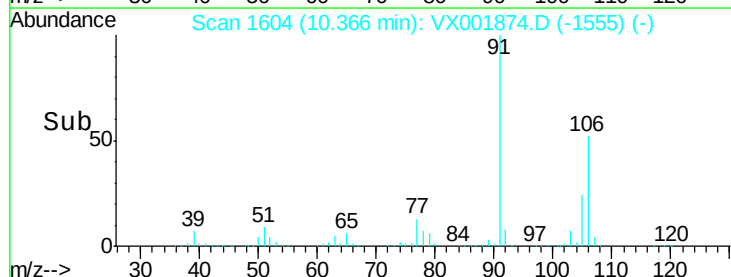
200000

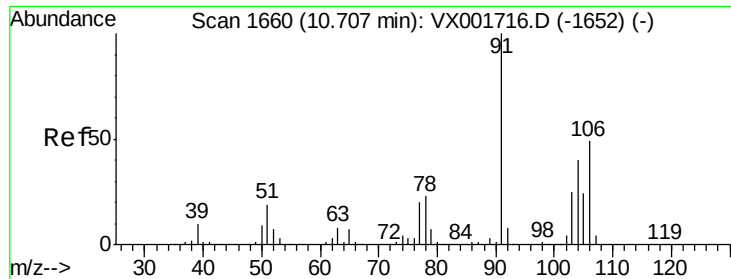
100000

0

10.30 10.40 10.50

Time-->





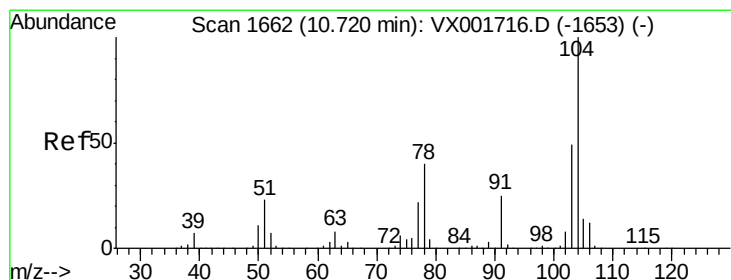
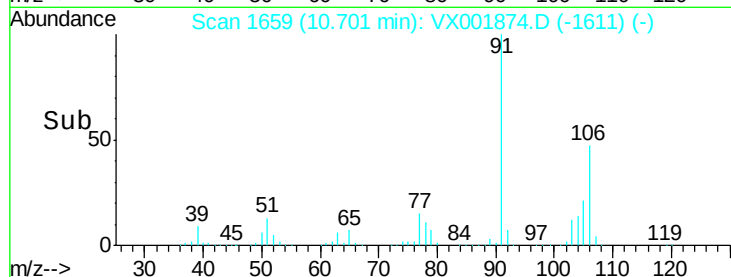
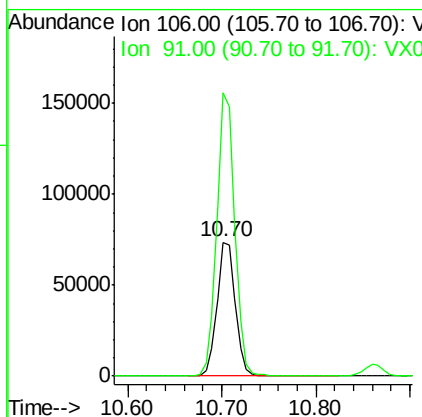
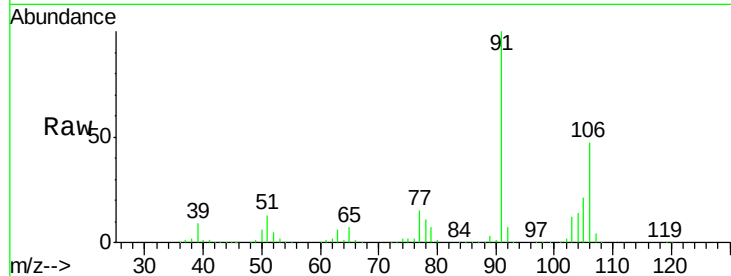
#69
o-Xylene
Concen: 21.681 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion:106 Resp: 99366
Ion Ratio Lower Upper
106 100
91 208.0 103.4 310.2

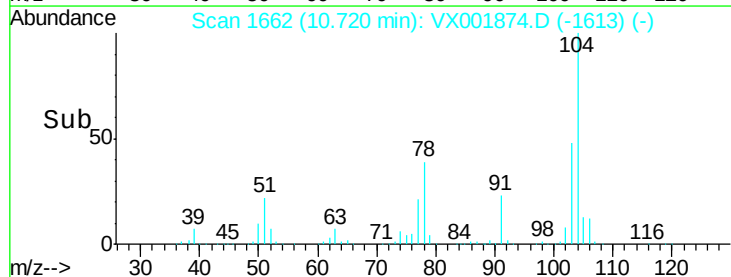
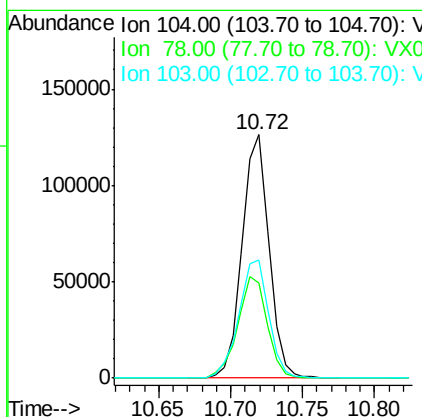
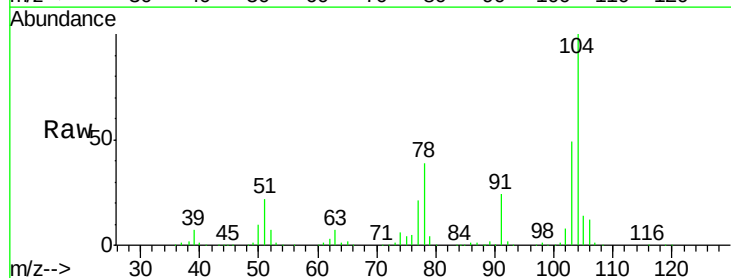
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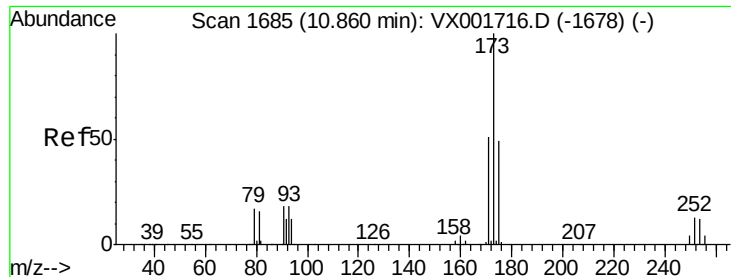
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#70
Styrene
Concen: 21.673 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion:104 Resp: 163826
Ion Ratio Lower Upper
104 100
78 46.3 37.3 55.9
103 54.3 43.7 65.5





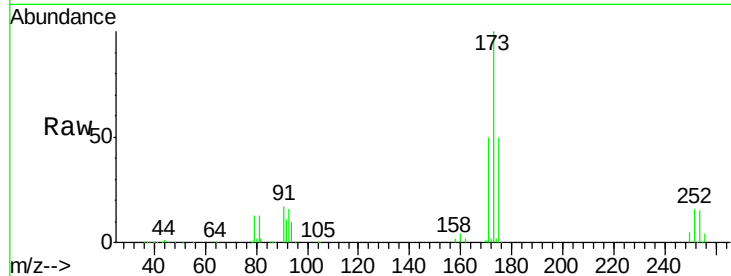
#71
Bromoform
Concen: 21.218 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

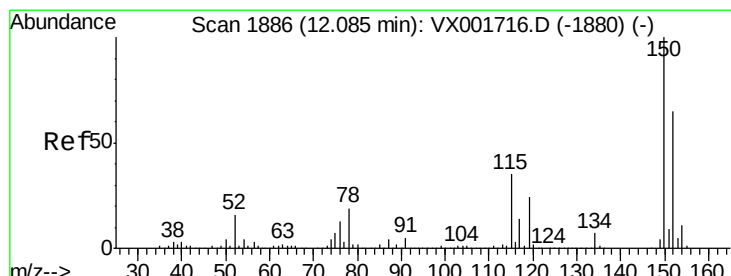
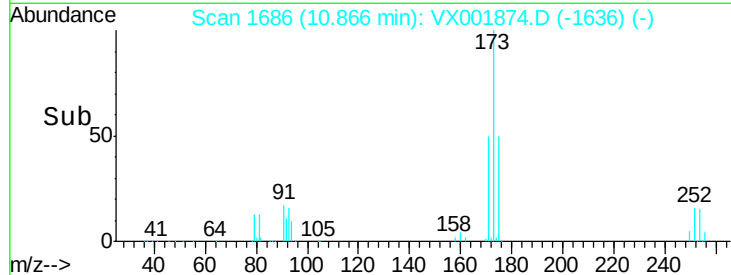
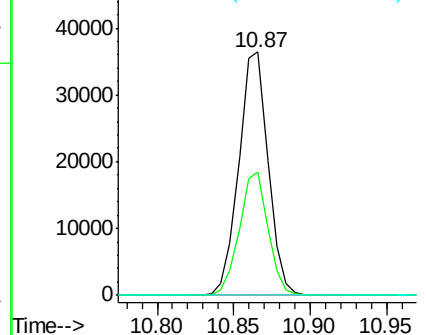
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.8
254	0.1	0.2	0.2#

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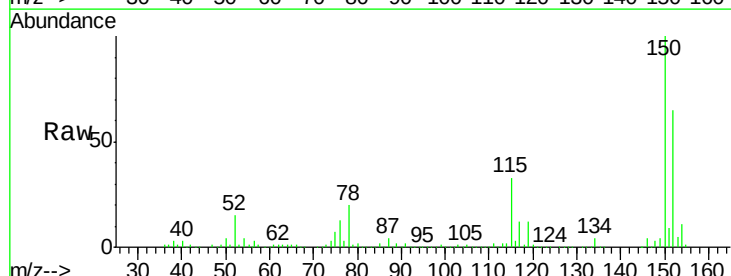


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

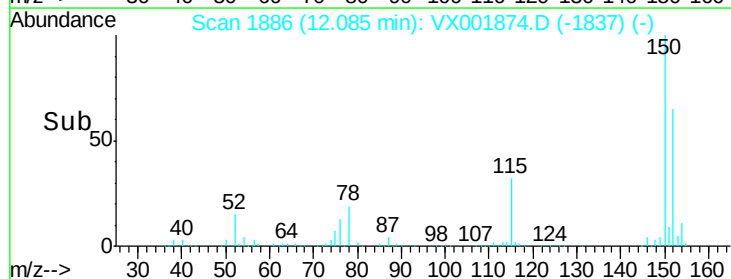
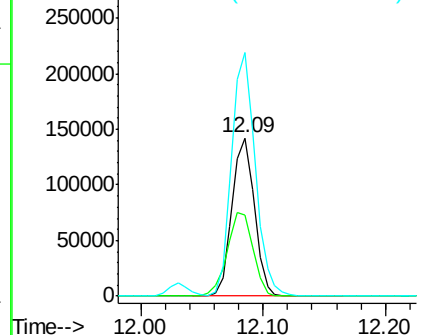


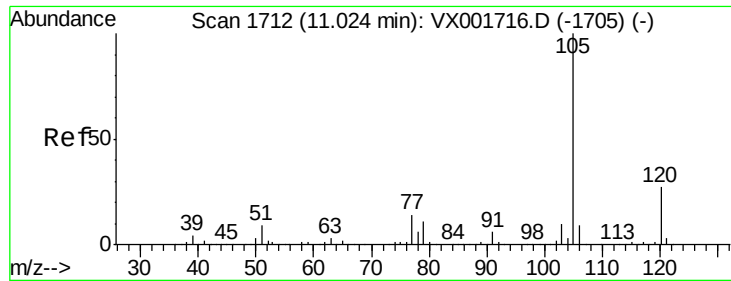
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	37.4	112.2
150	163.0	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.826 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 105 Resp: 268898

Ion Ratio Lower Upper

105 100

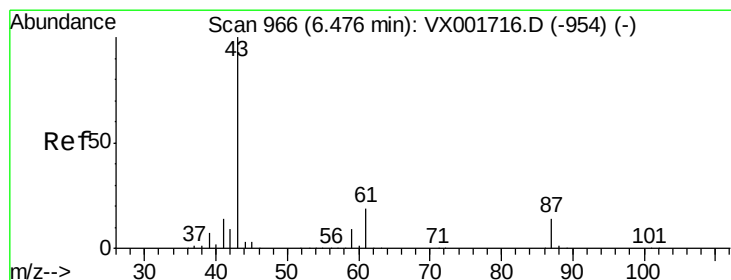
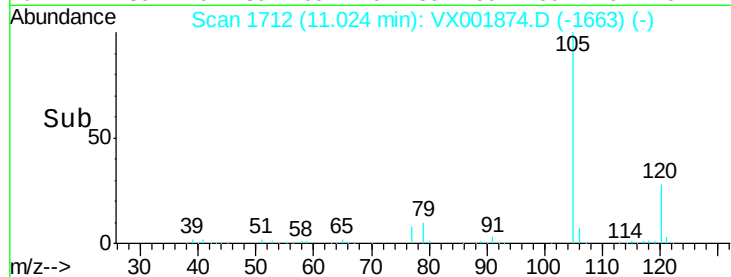
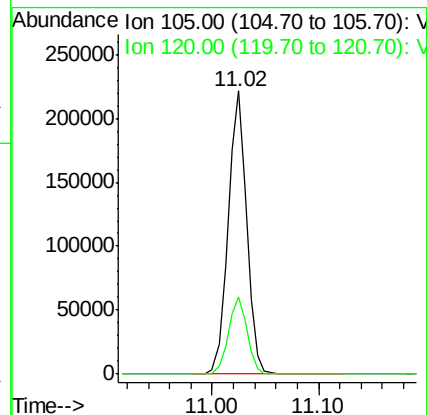
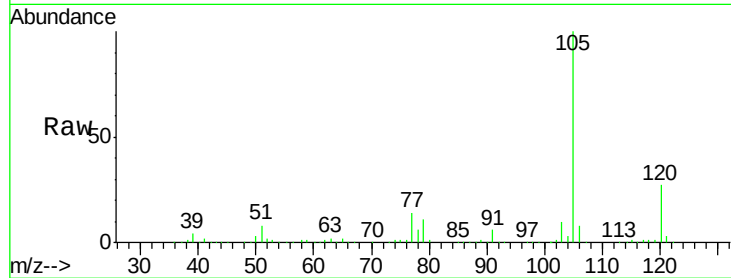
120 27.5 13.8 41.3

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#74

N-ethyl acetate

Concen: 24.788 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion: 43 Resp: 139996

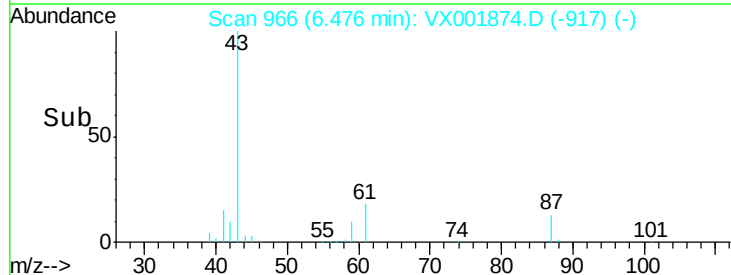
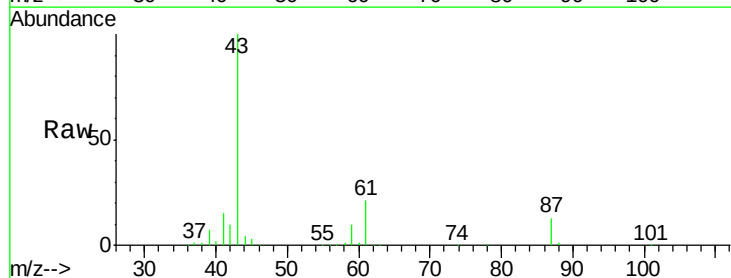
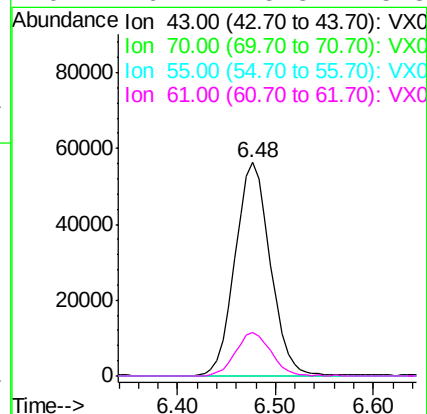
Ion Ratio Lower Upper

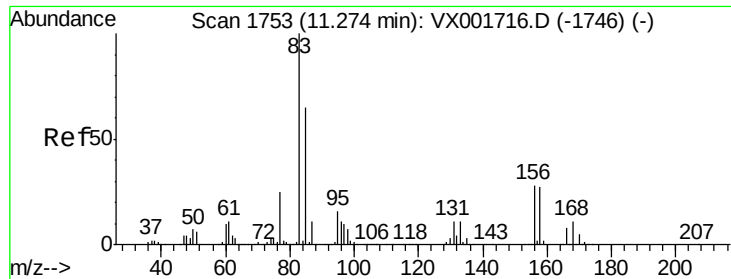
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.7 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.923 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion: 83 Resp: 84538

Ion Ratio Lower Upper

83 100

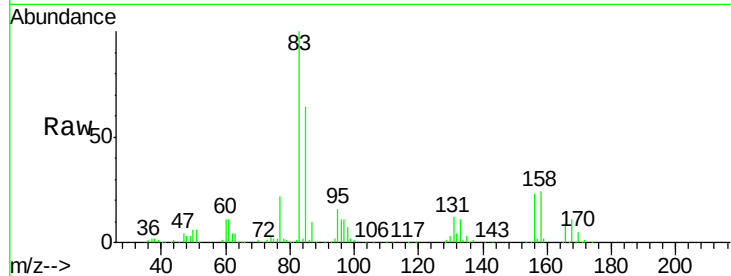
131 11.5 5.7 17.0

85 63.8 32.7 98.1

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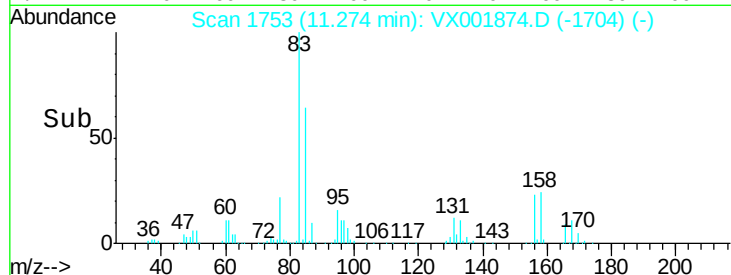


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

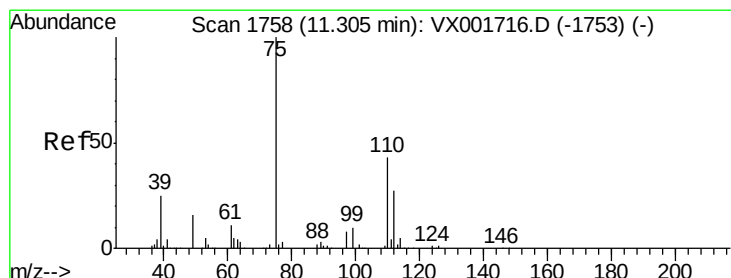
Ion 84.90 (84.60 to 85.60): VX0

Time-->



Abundance

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.005 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001874.D

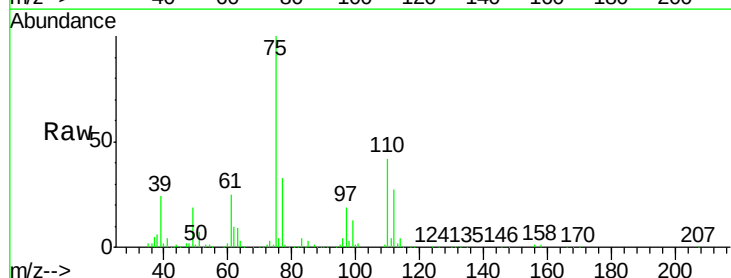
Acq: 21 May 2018 13:43

Tgt Ion: 75 Resp: 81651

Ion Ratio Lower Upper

75 100

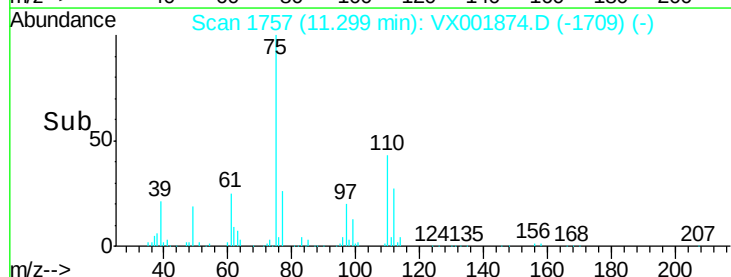
77 38.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

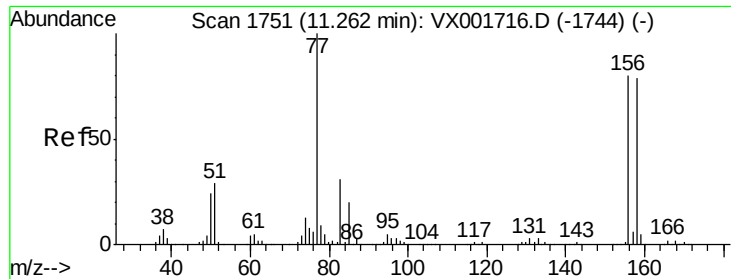
Ion 77.00 (76.70 to 77.70): VX0

Time-->



Abundance

Time-->



#77

Bromobenzene

Concen: 22.357 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

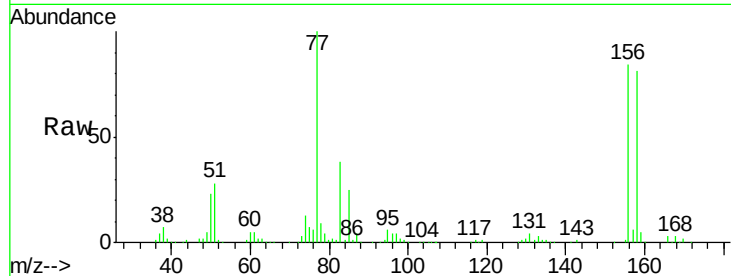
ClientSampleId :

VX0521WBS01

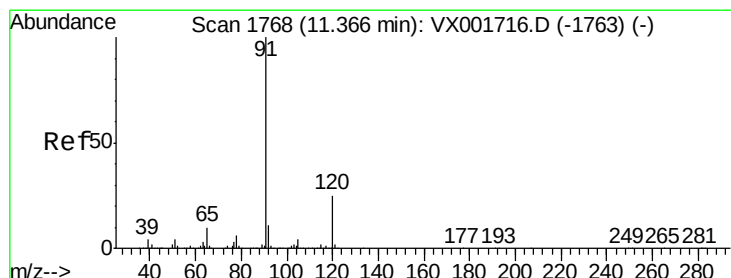
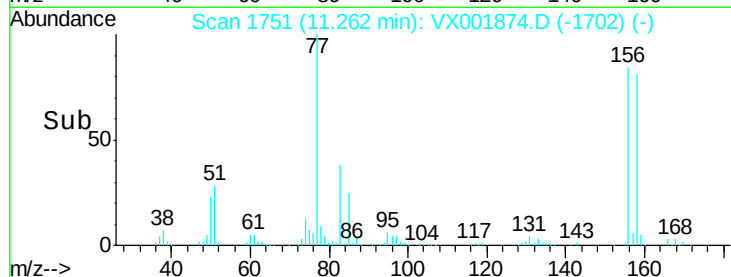
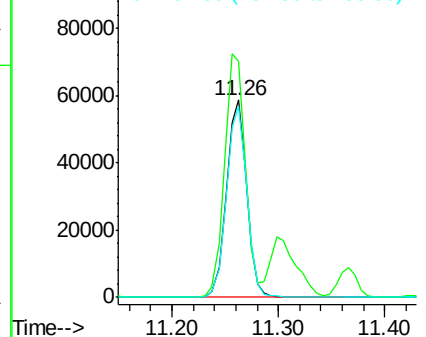
Tot Ion:	156	Resp:	77391
Ion Ratio	Lower	Upper	
156	100		
77	127.0	65.3	196.0
158	97.8	49.1	147.3

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.883 ug/l

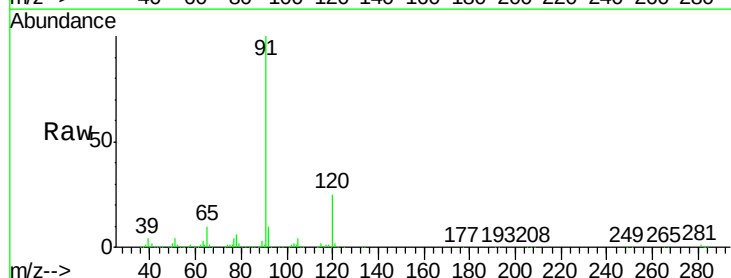
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

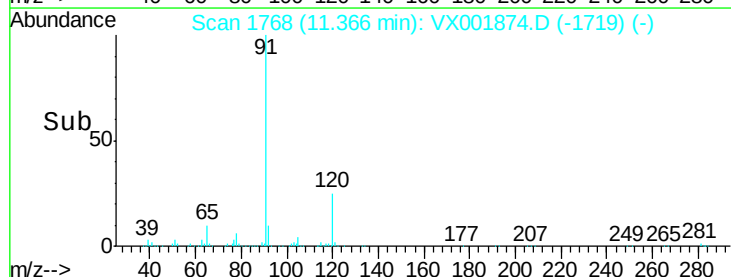
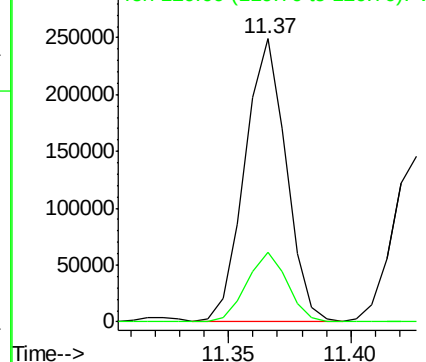
Lab File: VX001874.D

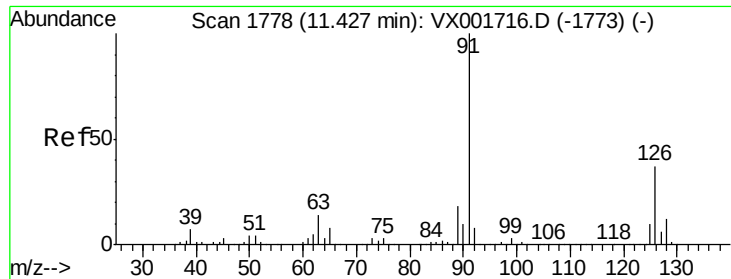
Acq: 21 May 2018 13:43

Tgt Ion:	91	Resp:	290426
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





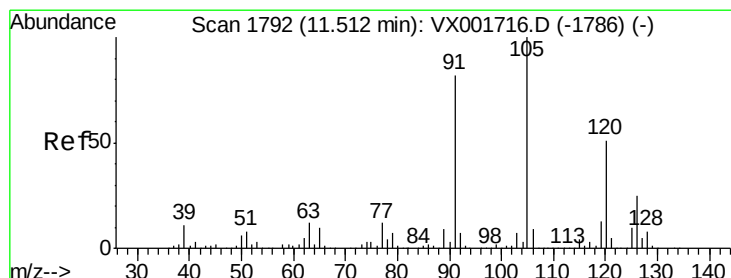
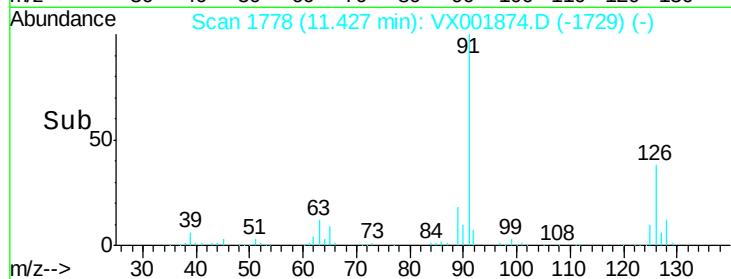
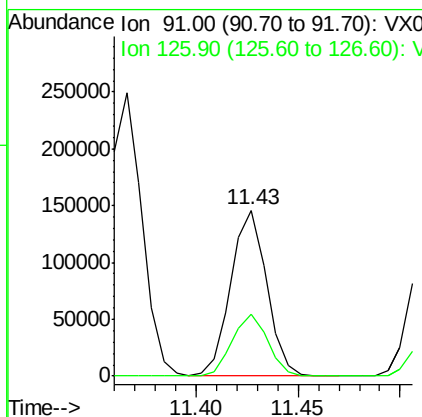
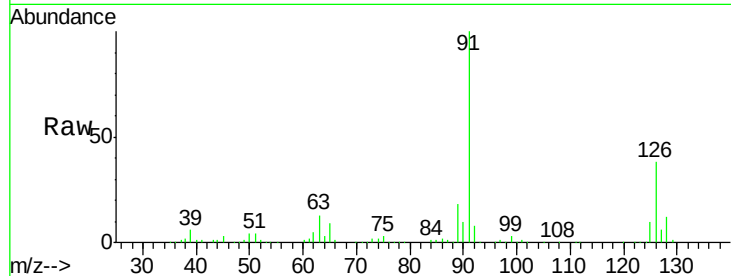
#79
 2-Chlorotoluene
 Concen: 22.296 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion: 91 Resp: 176970
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.4 55.4

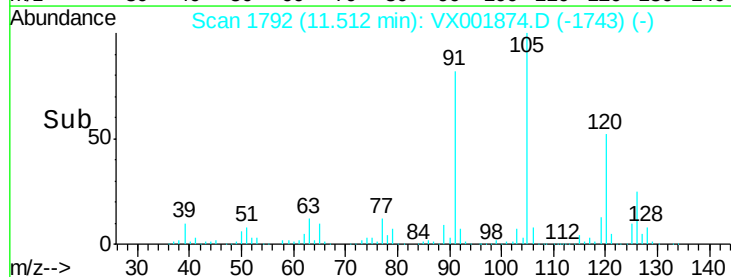
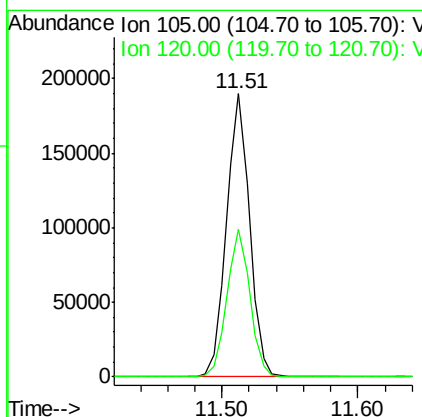
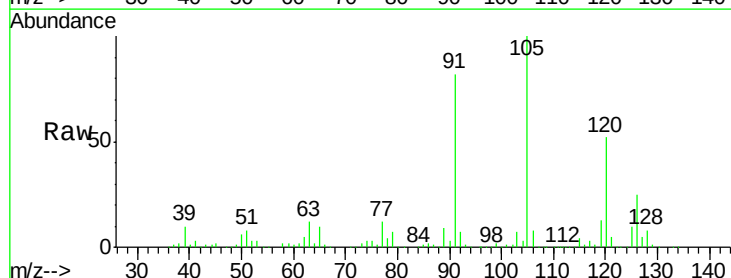
Manual Integrations
 APPROVED

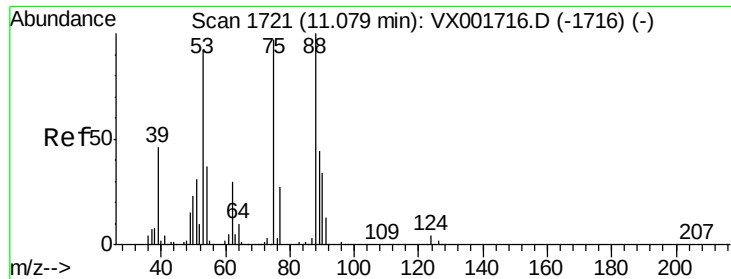
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 23.106 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion: 105 Resp: 223296
 Ion Ratio Lower Upper
 105 100
 120 51.9 25.7 77.0





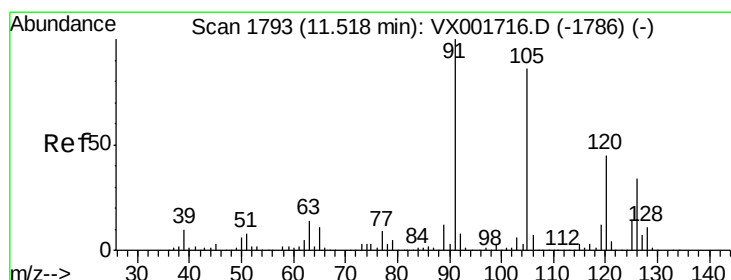
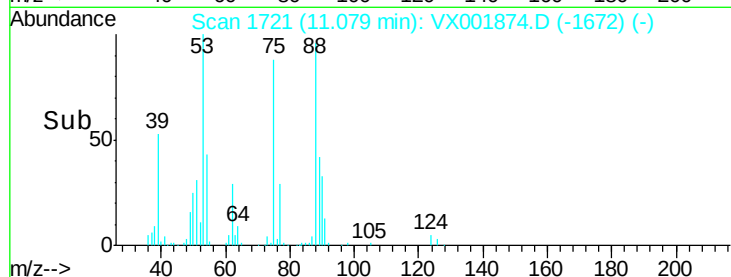
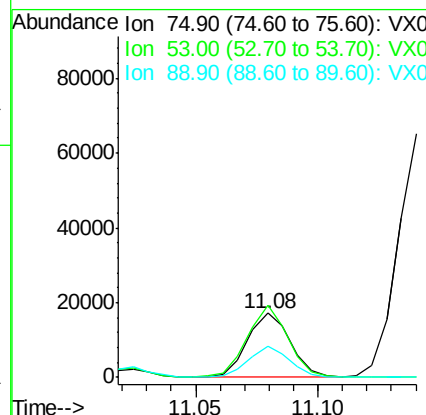
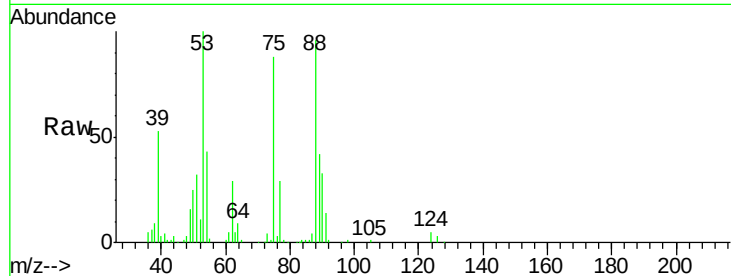
#81
trans-1,4-Dichloro-2-butene
Concen: 20.594 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.1	79.4	119.2
89	46.4	38.8	58.2

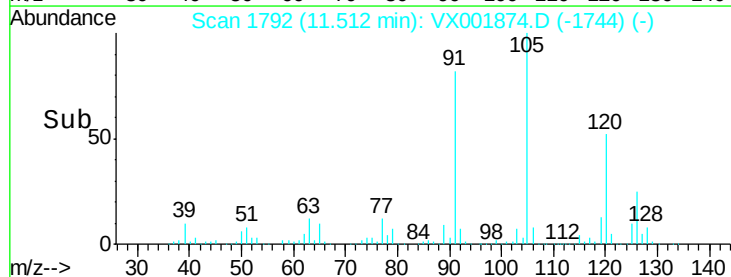
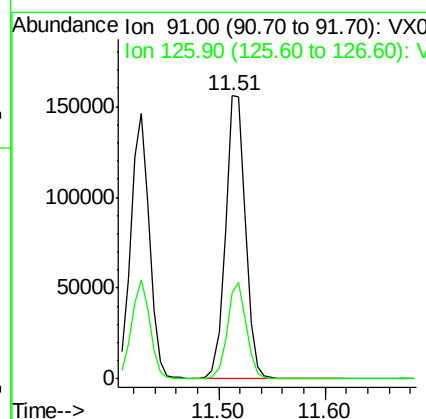
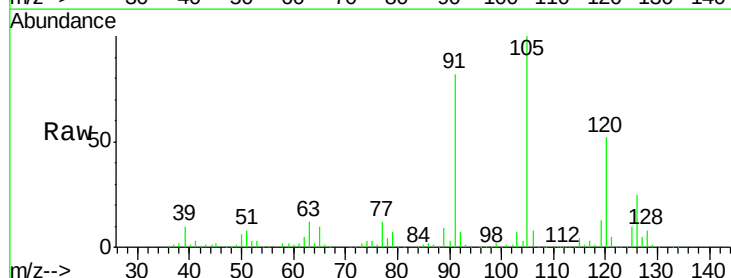
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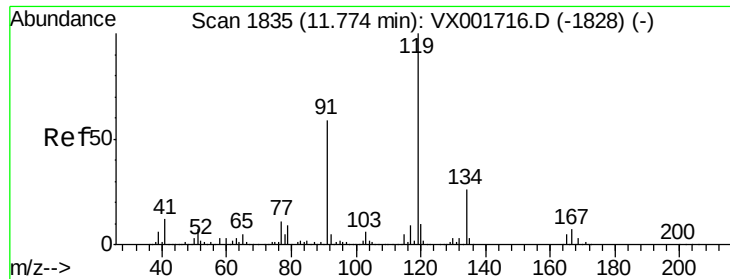
MMDadoda
5/22/2018 12:47:24 PM



#82
4-Chlorotoluene
Concen: 21.738 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001874.D
Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.1





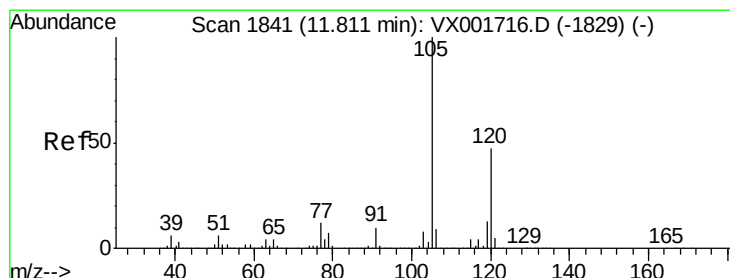
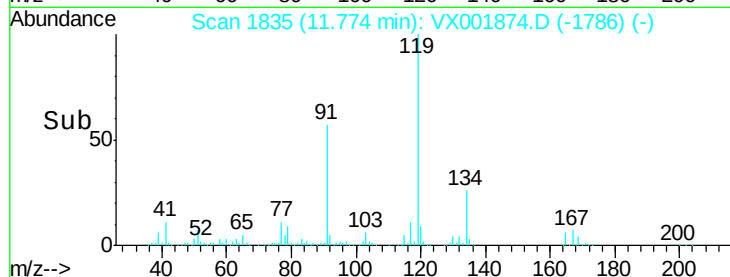
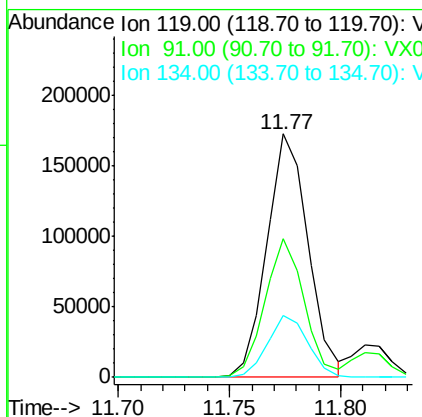
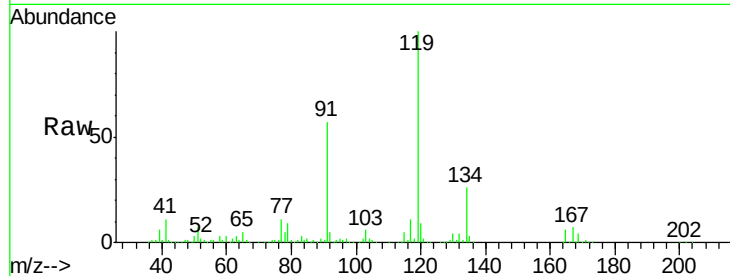
#83
 tert-Butylbenzene
 Concen: 23.082 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.4	27.7	83.0
134	25.0	12.7	38.1

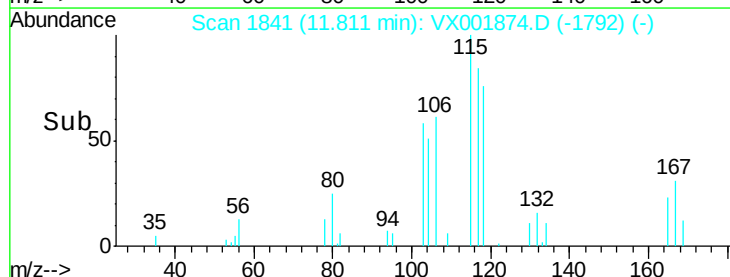
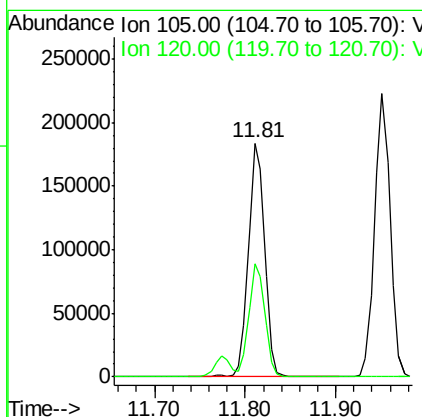
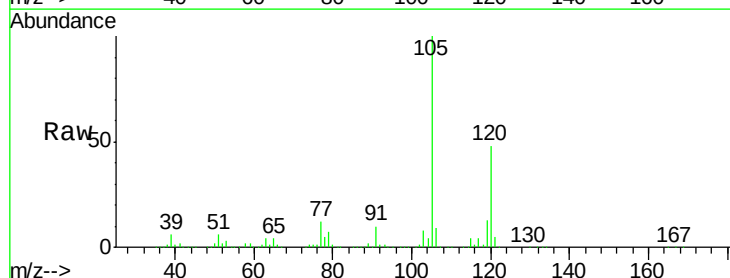
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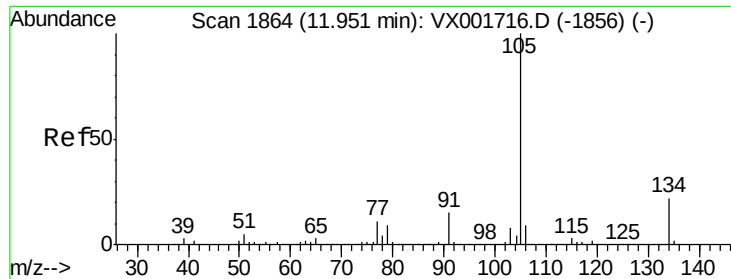
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.859 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.5	70.5





#85

sec-Butylbenzene

Concen: 22.317 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBS01

Tot Ion:105 Resp: 264947

Ion Ratio Lower Upper

105 100

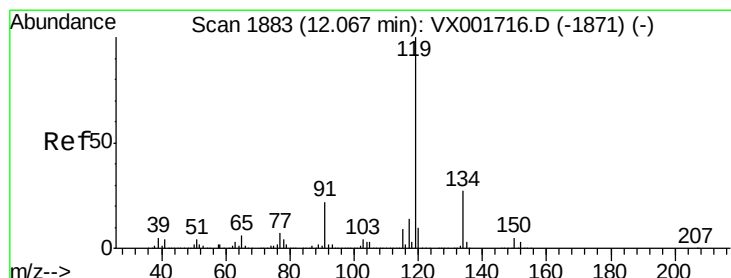
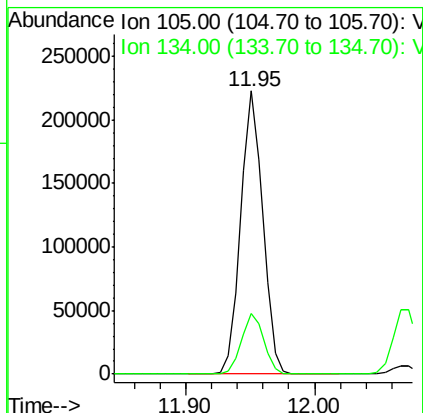
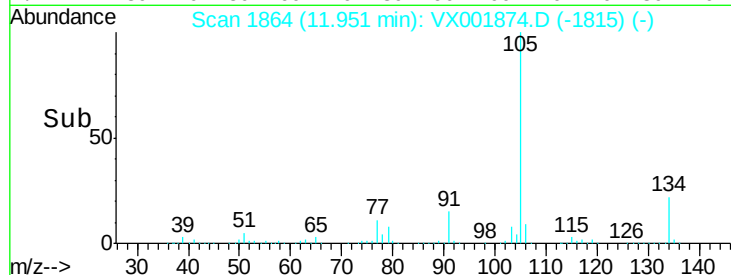
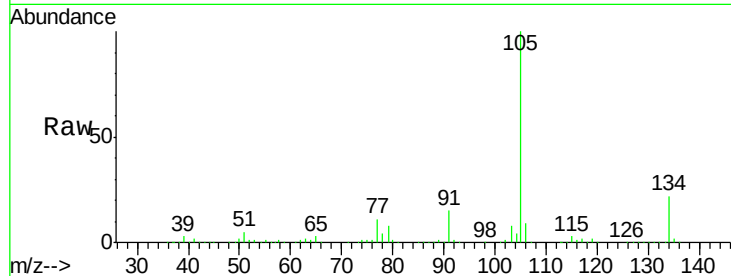
134 21.7 10.9 32.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.012 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

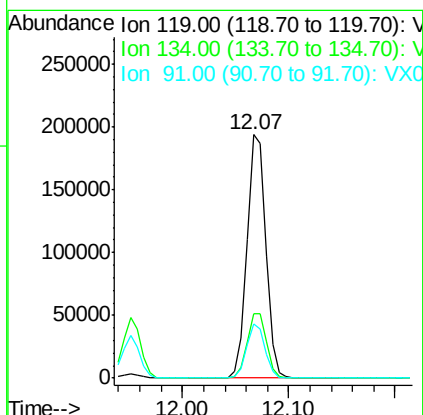
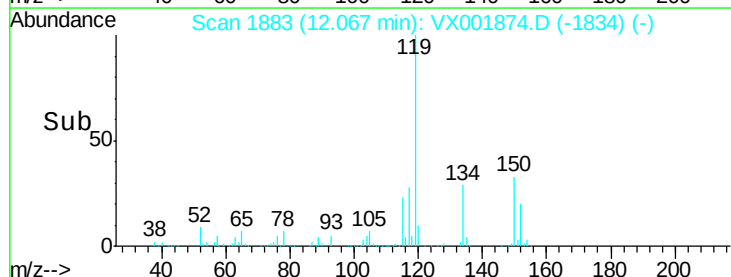
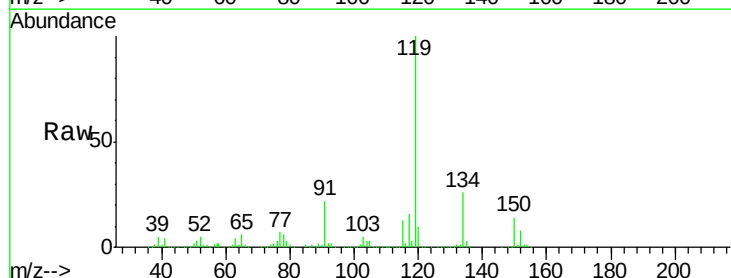
Tgt Ion:119 Resp: 241804

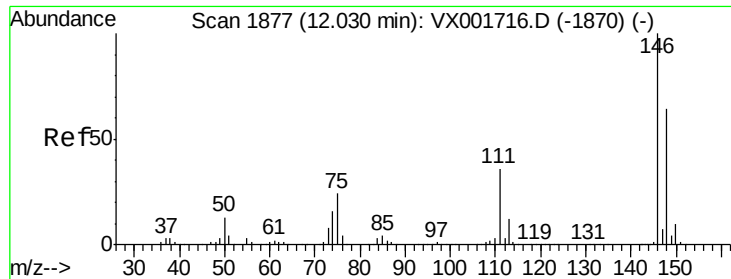
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 21.5 10.7 32.1





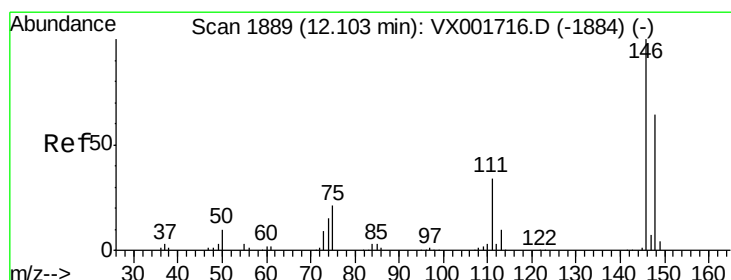
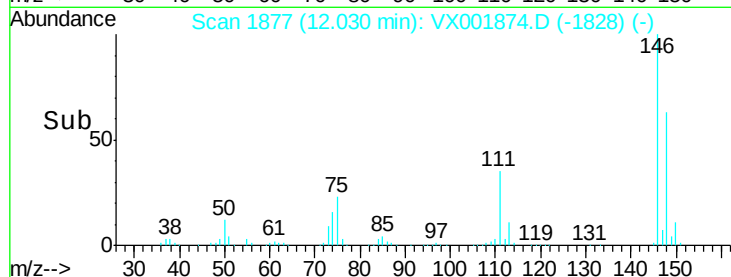
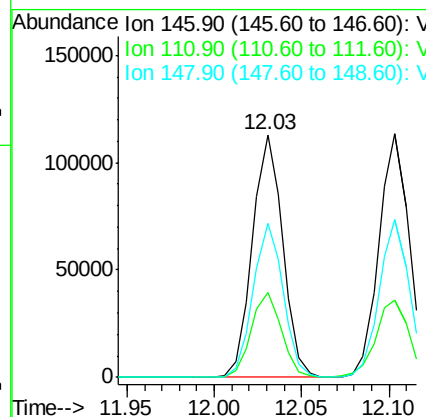
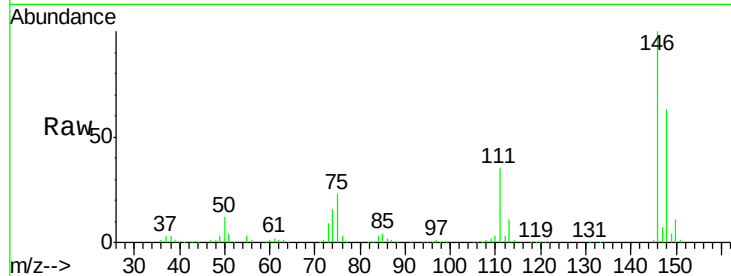
#87
 1,3-Dichlorobenzene
 Concen: 21.387 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0521WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.0	17.8	53.4
148	63.0	32.1	96.3

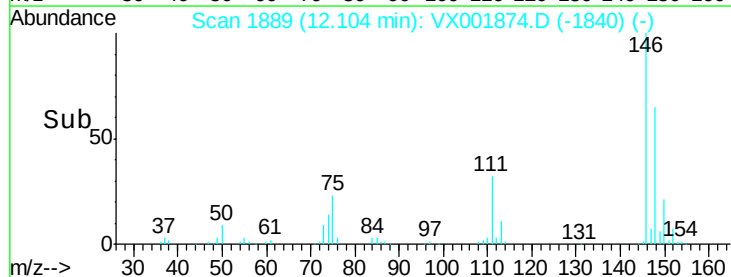
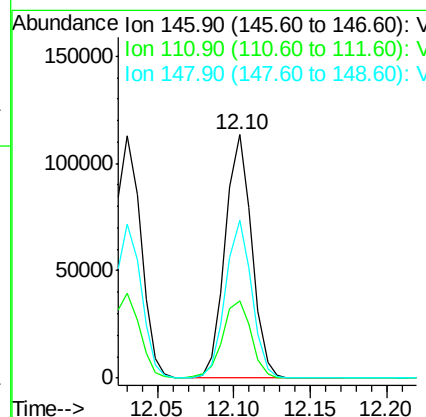
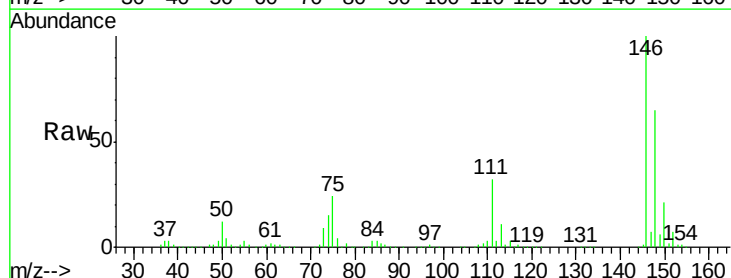
Manual Integrations
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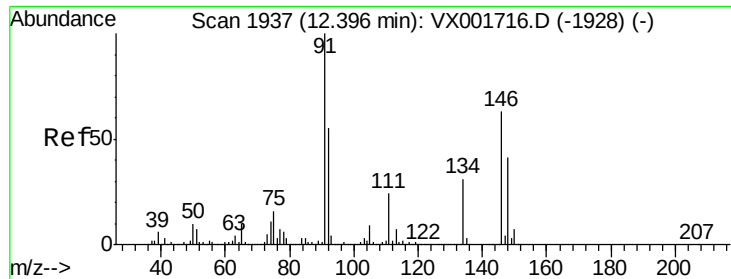
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 20.648 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.4	17.3	52.0
148	64.3	32.3	96.9





#89

n-Butylbenzene

Concen: 19.209 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

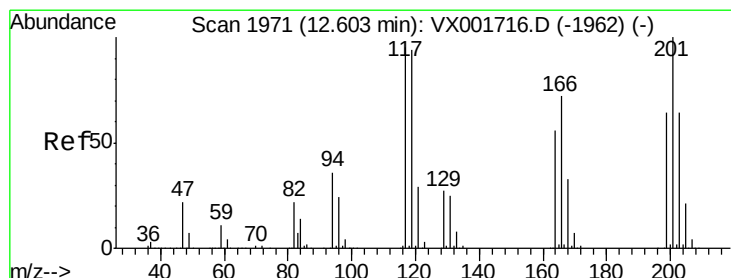
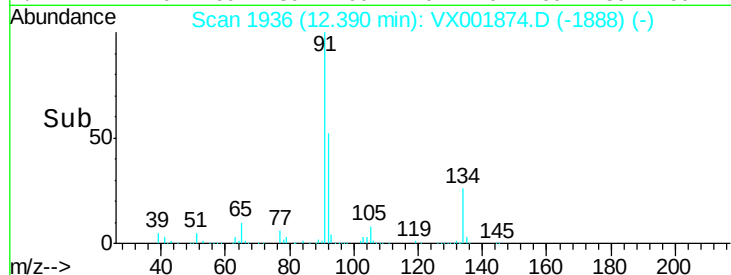
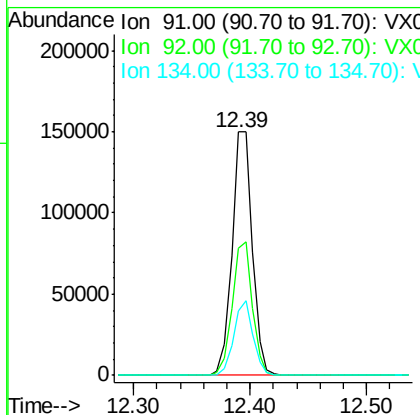
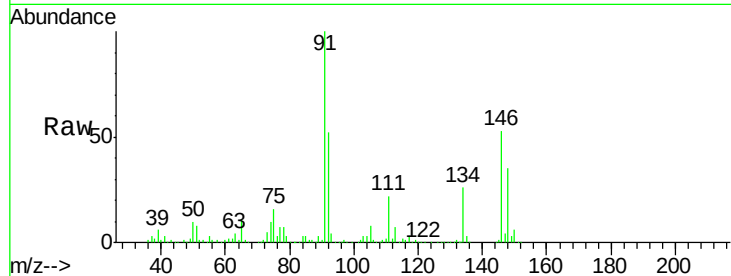
ClientSampleId :

VX0521WBS01

Tot Ion:	91	Resp:	182511
Ion Ratio	Lower	Upper	
91	100		
92	54.2	27.3	81.9
134	28.8	14.7	44.1

Manual Integrations
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#90

Hexachloroethane

Concen: 21.867 ug/l

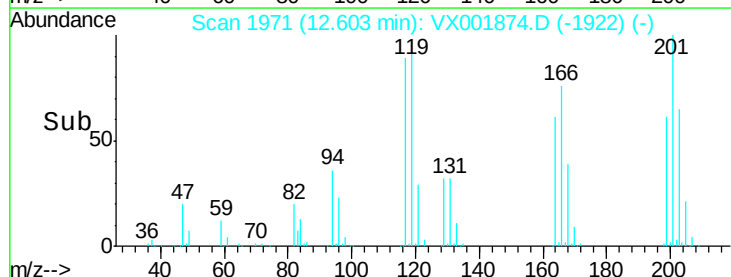
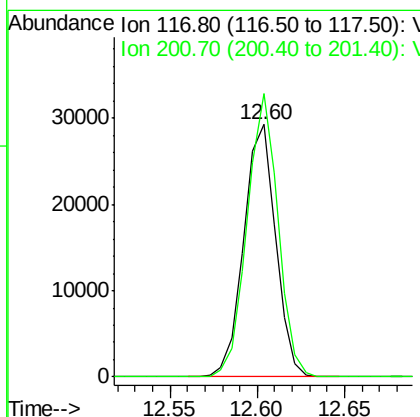
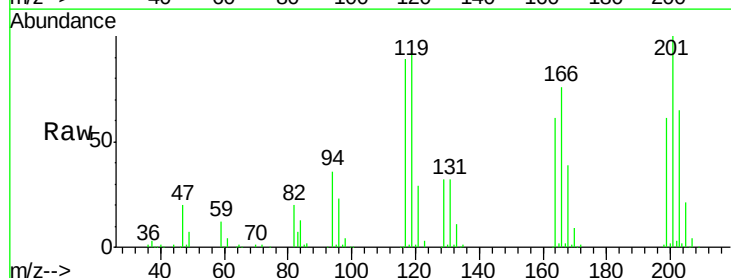
RT: 12.60 min Scan# 1971

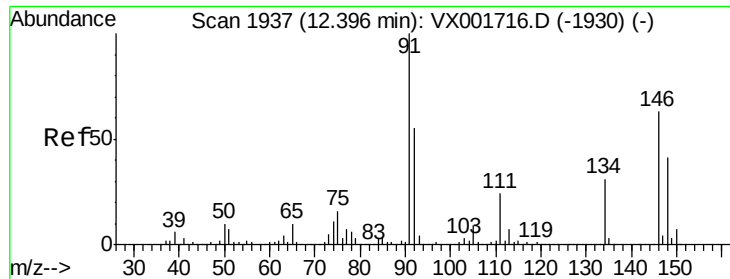
Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion:	117	Resp:	37307
Ion Ratio	Lower	Upper	
117	100		
201	108.4	51.9	155.7





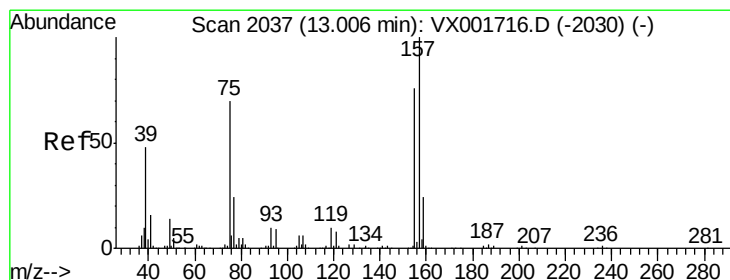
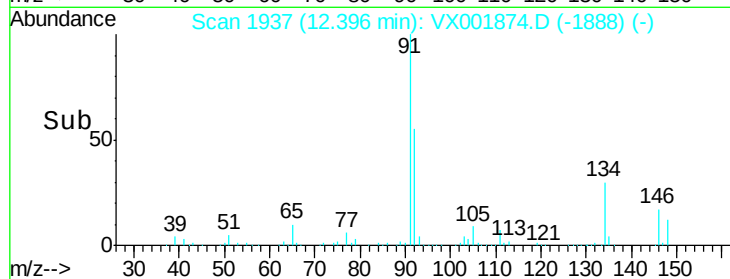
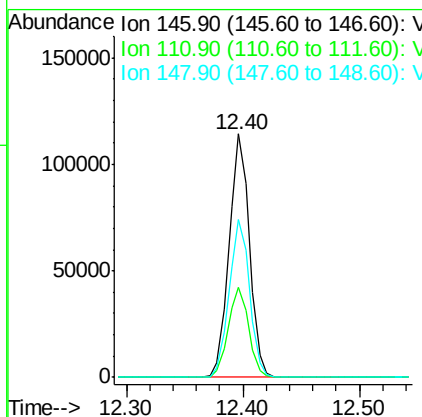
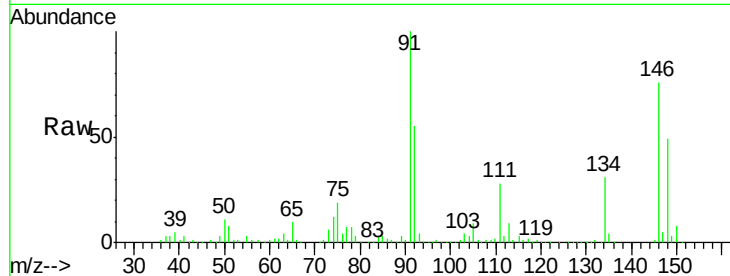
#91
 1,2-Dichlorobenzene
 Concen: 21.769 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	138851		
111	37.2	18.6	56.0	
148	64.9	32.4	97.0	

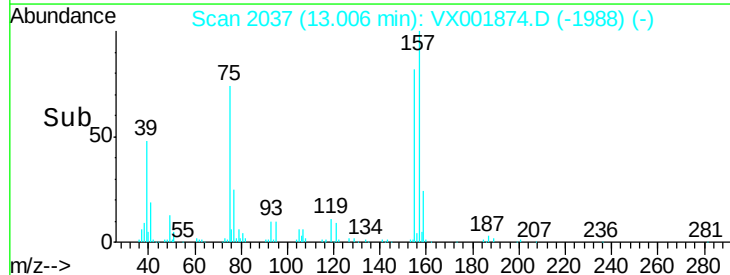
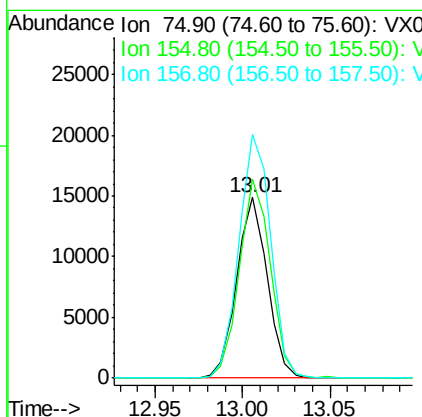
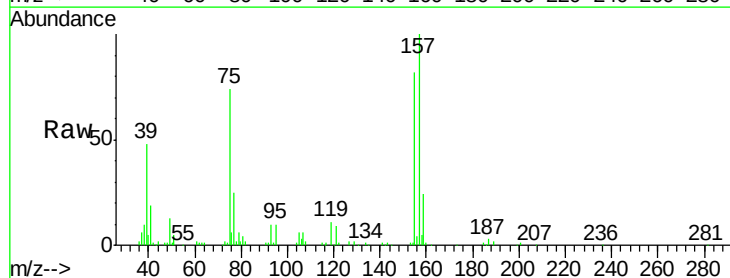
Manual Integrations
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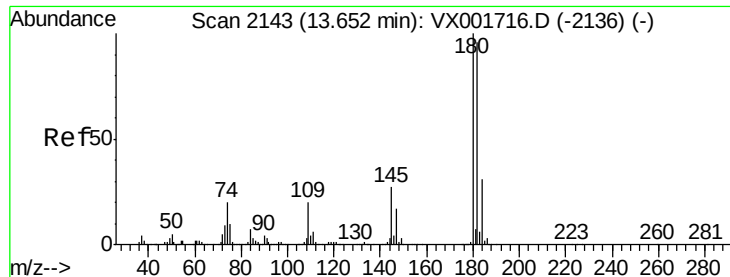
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.984 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18089		
155	112.5	53.9	161.8	
157	140.4	71.0	213.2	





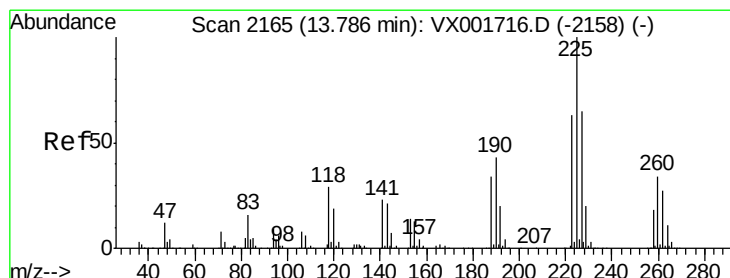
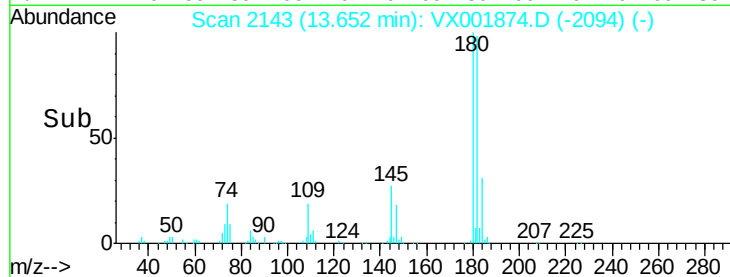
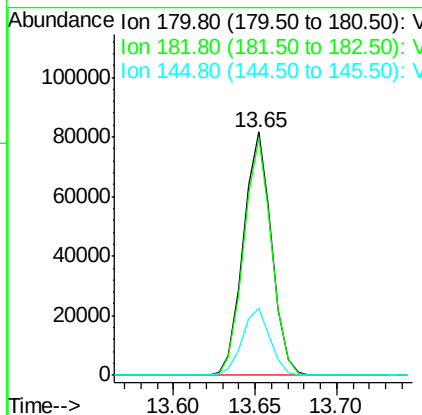
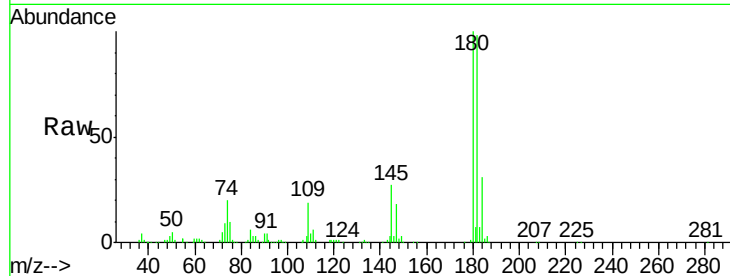
#93
 1,2,4-Trichlorobenzene
 Concen: 19.297 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98110		
182	96.6	47.6	142.9	
145	27.3	13.4	40.1	

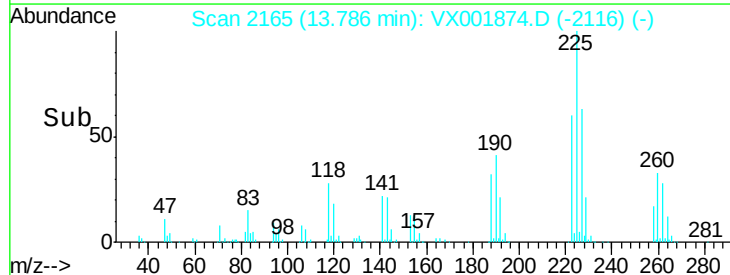
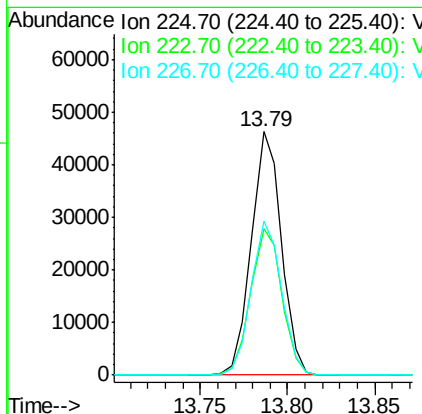
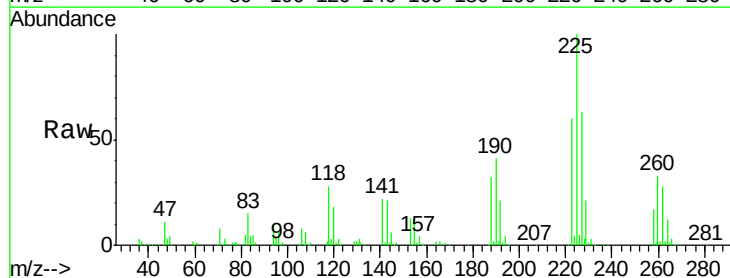
Manual Integrations
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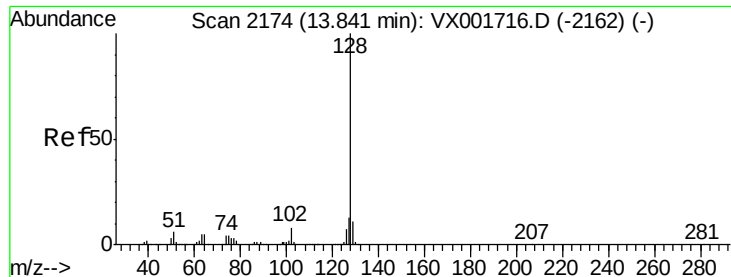
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#94
 Hexachlorobutadiene
 Concen: 20.275 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001874.D
 Acq: 21 May 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55341		
223	62.3	31.1	93.5	
227	63.9	31.9	95.5	





#95

Naphthalene

Concen: 21.753 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Instrument :

MSVOA_X

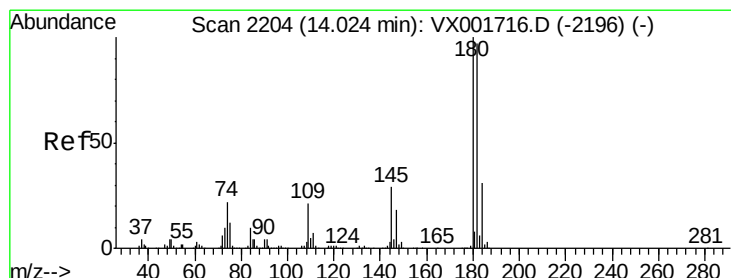
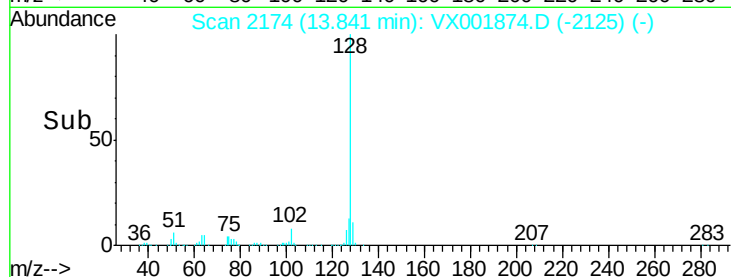
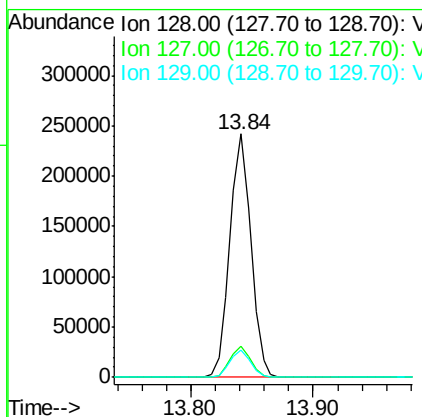
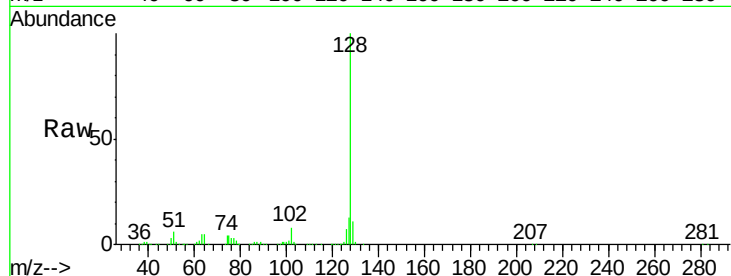
ClientSampleId :

VX0521WBS01

Tot Ion:	128	Resp:	287476
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/22/2018 12:47:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.737 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001874.D

Acq: 21 May 2018 13:43

Tgt Ion:	180	Resp:	106167
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.9	143.7
145	28.4	14.2	42.8

