

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000796.D
 Acq On : 12 Apr 2018 12:33
 Operator : JC/MD
 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Manual Integrations
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 4/13/2018 2:57:51 PM

Quant Time: Apr 13 07:09:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	258557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173028	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.51	113	145708	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	8.72	98	540300	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.14	95	221339	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70769	20.64	ug/l	98
3) Chloromethane	1.32	50	54367	18.49	ug/l	99
4) Vinyl Chloride	1.40	62	64740	19.57	ug/l	98
5) Bromomethane	1.64	94	27668	19.36	ug/l	98
6) Chloroethane	1.73	64	38279	19.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	101580	20.36	ug/l	98
8) Diethyl Ether	2.19	74	36411	19.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61401	20.87	ug/l	99
10) Methyl Iodide	2.51	142	19677	15.41	ug/l	98
11) Tert butyl alcohol	3.06	59	69282	101.87	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54360	19.50	ug/l	99
13) Acrolein	2.29	56	18833	57.02	ug/l	99
14) Allyl chloride	2.73	41	100873	19.56	ug/l	100
15) Acrylonitrile	3.15	53	144400	99.59	ug/l	99
16) Acetone	2.45	43	134950	102.16	ug/l	99
17) Carbon Disulfide	2.57	76	154702	18.32	ug/l	100
18) Methyl Acetate	2.78	43	70432	20.60	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	188349	20.28	ug/l	99
20) Methylene Chloride	2.86	84	60157	19.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	59661	19.40	ug/l	98
22) Diisopropyl ether	3.87	45	184842	19.51	ug/l	96
23) Vinyl Acetate	3.83	43	817004	98.21	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104990	19.75	ug/l	98
25) 2-Butanone	4.71	43	220011	100.86	ug/l	99
26) 2,2-Dichloropropane	4.59	77	103518	19.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68823	19.72	ug/l	99
28) Bromochloromethane	5.03	49	41315	19.30	ug/l	97
29) Tetrahydrofuran	5.17	42	136747	98.73	ug/l	100
30) Chloroform	5.23	83	113611	20.18	ug/l	98
31) Cyclohexane	5.58	56	98908	19.59	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	105233	19.62	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86478	19.54	ug/l	99
37) Ethyl Acetate	4.87	43	85830	19.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	97201	19.62	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106893	20.11	ug/l	99
40) Benzene	6.15	78	245427	19.96	ug/l	99
41) Methacrylonitrile	5.07	41	50230	20.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92570	20.15	ug/l	100
43) Isopropyl Acetate	6.47	43	145990	19.71	ug/l	100
44) Trichloroethene	7.22	130	76486	20.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63746	20.36	ug/l	94
46) Dibromomethane	7.67	93	43911	20.11	ug/l	99
47) Bromodichloromethane	7.90	83	88255	20.03	ug/l	97
48) Methyl methacrylate	7.79	41	76358	19.89	ug/l	99
49) 1,4-Dioxane	7.76	88	31457	407.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	440595	101.26	ug/l	99
52) Toluene	8.79	92	162597	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	105473	19.96	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	101859	19.79	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	64665	19.97	ug/l	99
56) Ethyl methacrylate	9.19	69	99648	19.94	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105342	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	176832	75.75	ug/l	100
59) 2-Hexanone	9.51	43	340551	101.38	ug/l	100
60) Dibromochloromethane	9.59	129	76494	19.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68490	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	76899	20.66	ug/l	100
65) Chlorobenzene	10.15	112	192979	20.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71206	19.76	ug/l	100
67) Ethyl Benzene	10.26	91	318475	19.95	ug/l	100
68) m/p-Xylenes	10.37	106	252236	40.03	ug/l	99
69) o-Xylene	10.71	106	122723	20.21	ug/l	100
70) Styrene	10.72	104	202177	19.75	ug/l	99
71) Bromoform	10.87	173	63905	19.15	ug/l	# 100
73) Isopropylbenzene	11.02	105	335854	20.48	ug/l	100
74) N-amyl acetate	6.47	43	145990	19.76	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93948	19.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	90588m	20.32	ug/l	
77) Bromobenzene	11.26	156	93942	19.54	ug/l	99
78) n-propylbenzene	11.37	91	381311	20.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	223775	20.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	284311	20.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30012	18.51	ug/l	97
82) 4-Chlorotoluene	11.52	91	267830	20.01	ug/l	100
83) tert-Butylbenzene	11.77	119	293632	20.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	291740	20.03	ug/l	99
85) sec-Butylbenzene	11.95	105	348569	20.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	325674	20.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	176520	19.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182309	19.99	ug/l	99
89) n-Butylbenzene	12.40	91	290924	20.76	ug/l	100
90) Hexachloroethane	12.60	117	52280	19.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	171778	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21934	18.39	ug/l	99

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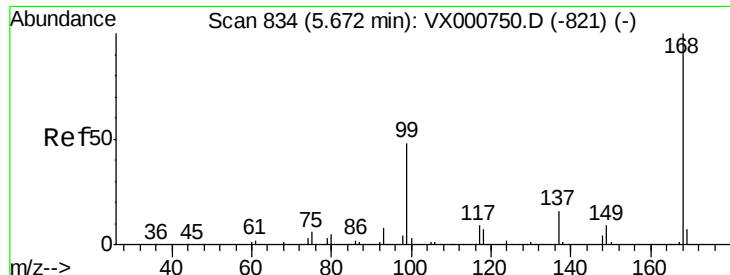
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148982	20.33	ug/l	99
94) Hexachlorobutadiene	13.79	225	77667	21.55	ug/l	99
95) Naphthalene	13.84	128	377195	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	143131	20.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tot Ion: 168 Resp: 303800

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5

Instrument :

MSVOA_X

ClientSampleId :

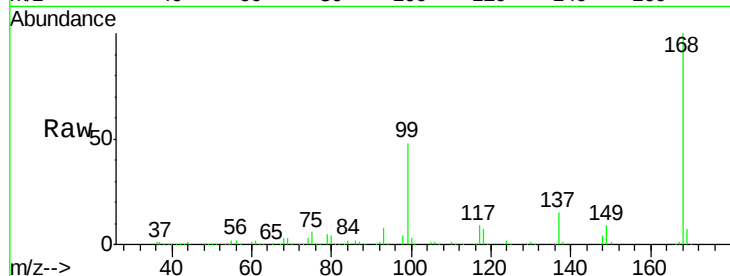
VX0412WBS01

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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

120000

100000

80000

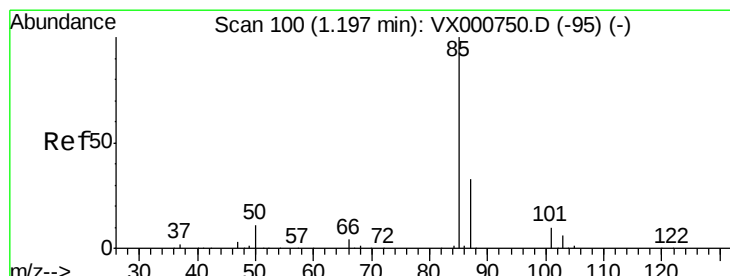
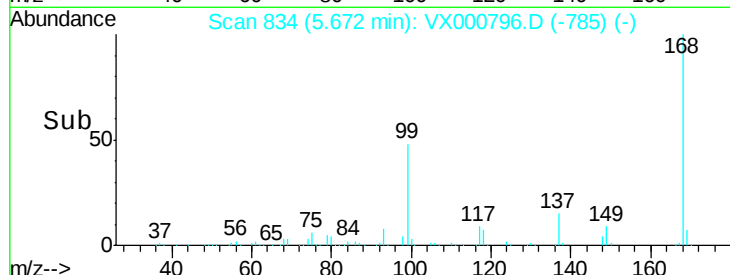
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.64 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000796.D

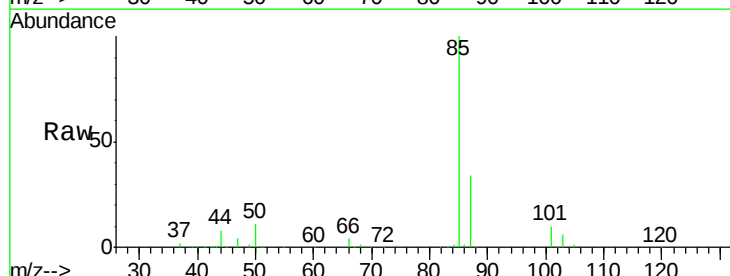
Acq: 12 Apr 2018 12:33

Tgt Ion: 85 Resp: 70769

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

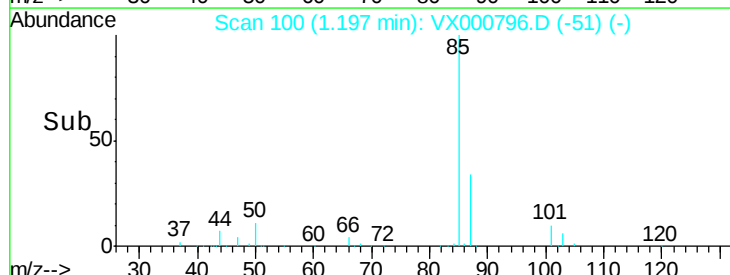
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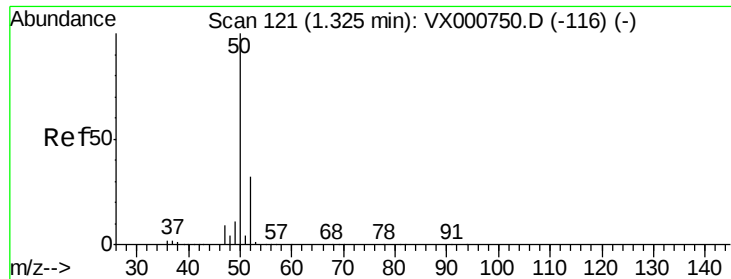
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 50 Resp: 54367

Ion Ratio Lower Upper

50 100

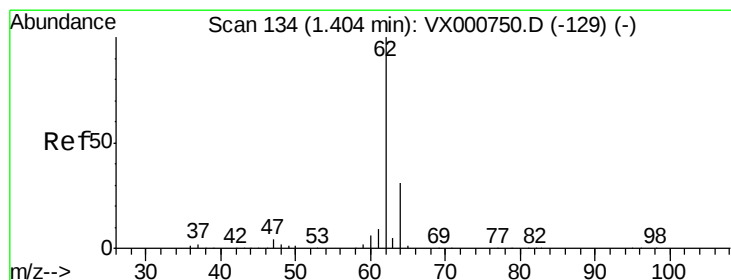
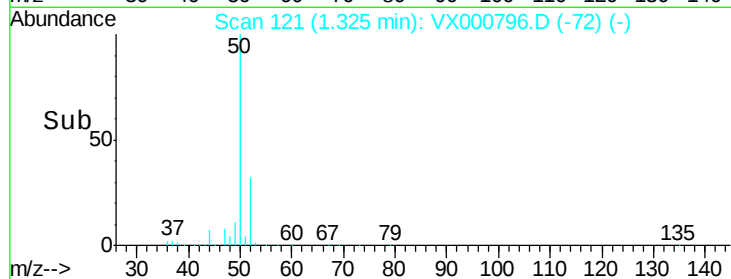
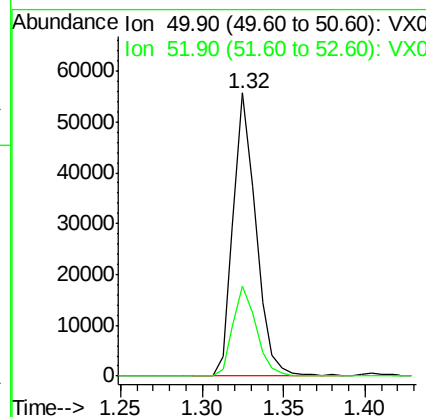
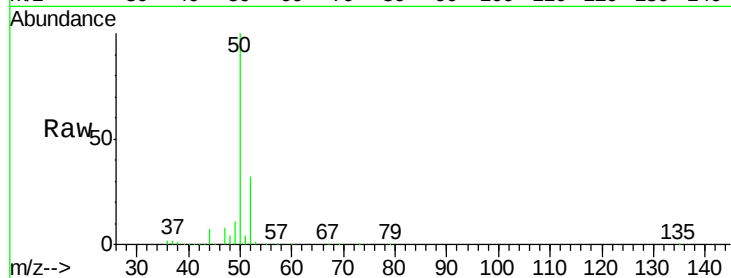
52 31.9 25.8 38.8

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#4

Vinyl Chloride

Concen: 19.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000796.D

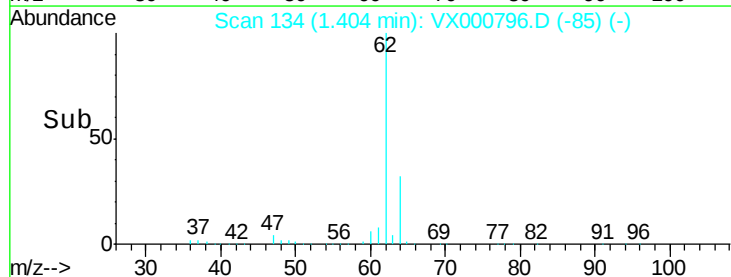
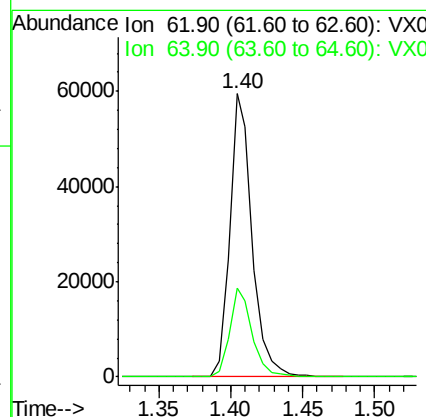
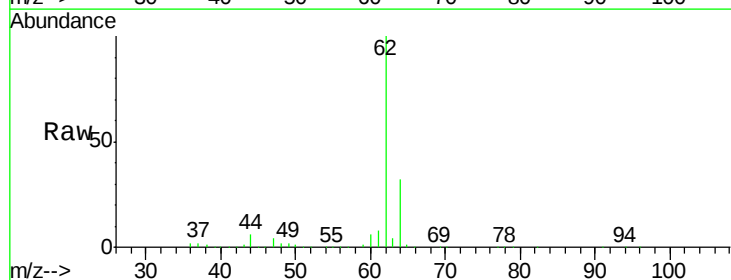
Acq: 12 Apr 2018 12:33

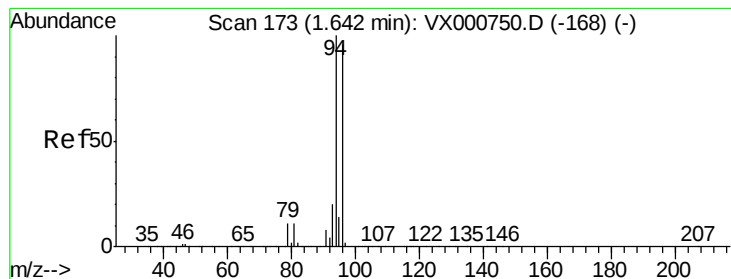
Tgt Ion: 62 Resp: 64740

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 19.36 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 94 Resp: 27668

Ion Ratio Lower Upper

94 100

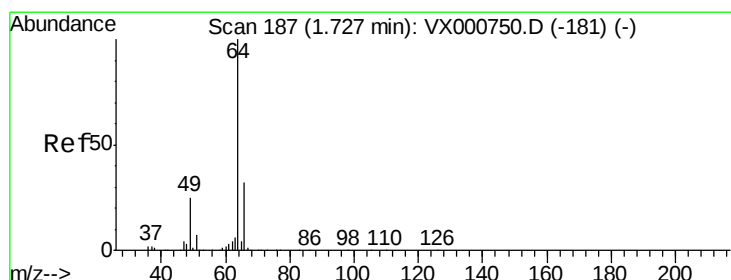
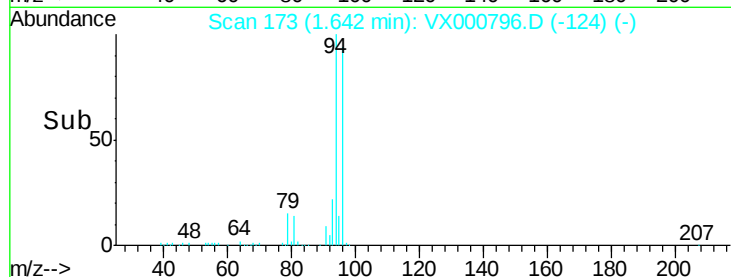
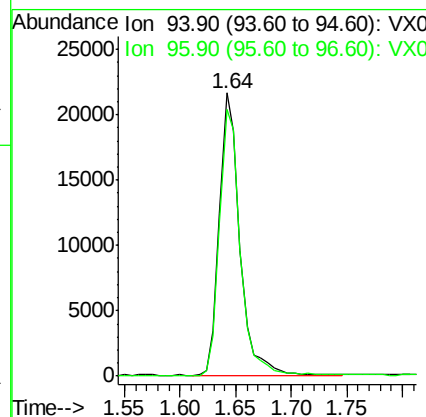
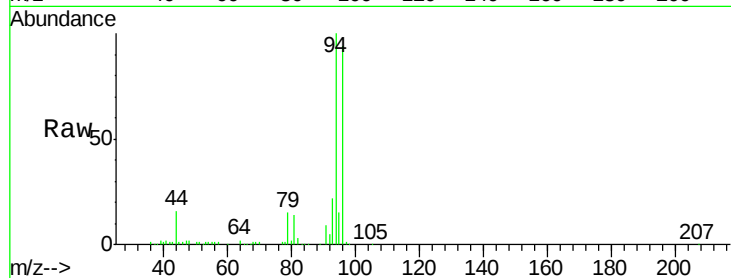
96 94.2 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 19.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000796.D

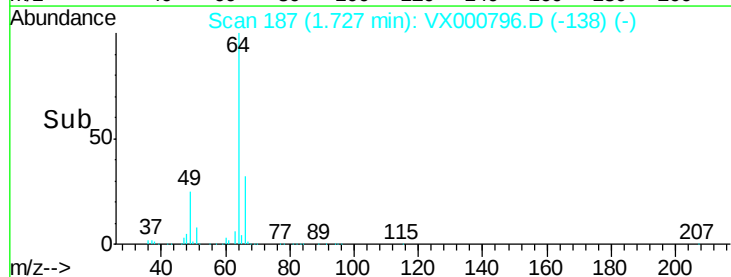
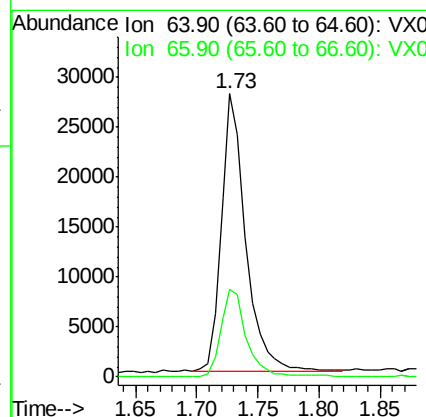
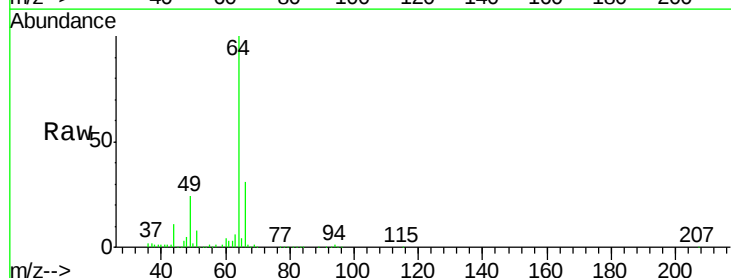
Acq: 12 Apr 2018 12:33

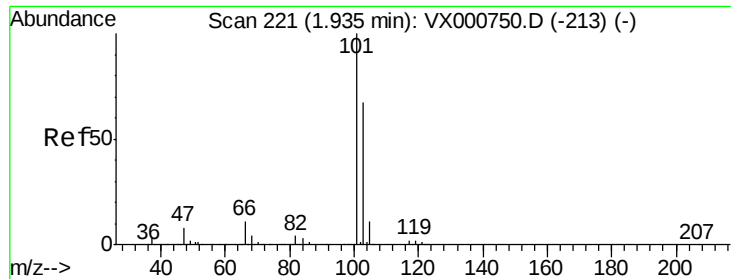
Tgt Ion: 64 Resp: 38279

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

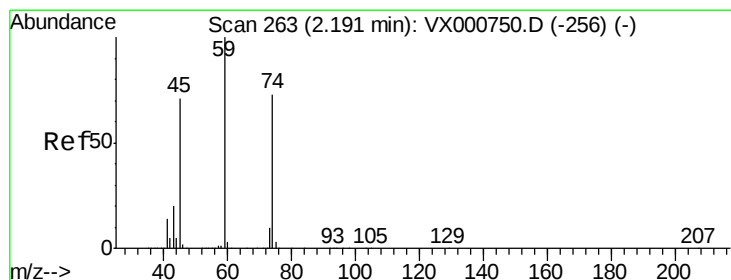
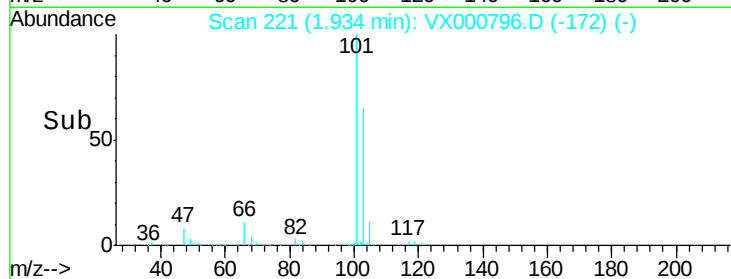
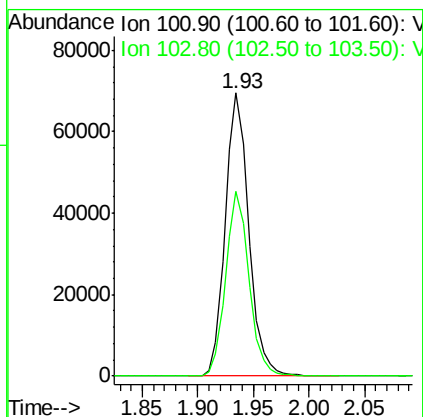
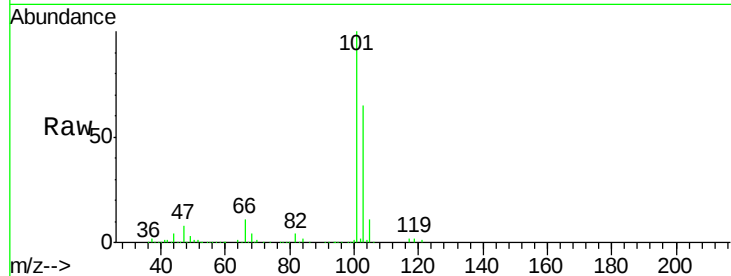
Trichlorofluoromethane
 Concen: 20.36 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Instrument :
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 ClientSampleId :
 VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101580		
103	65.3	53.2	79.8	

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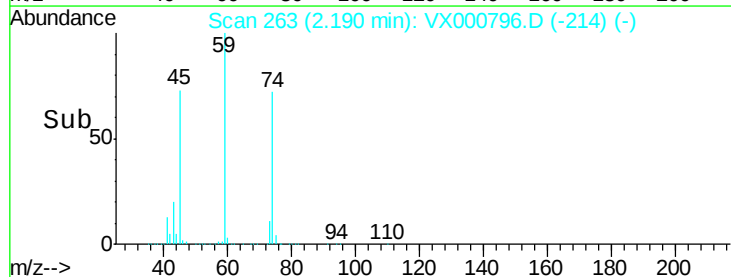
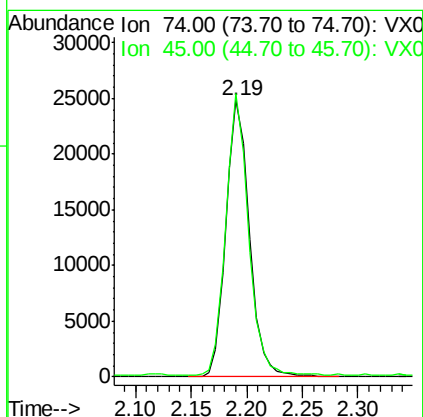
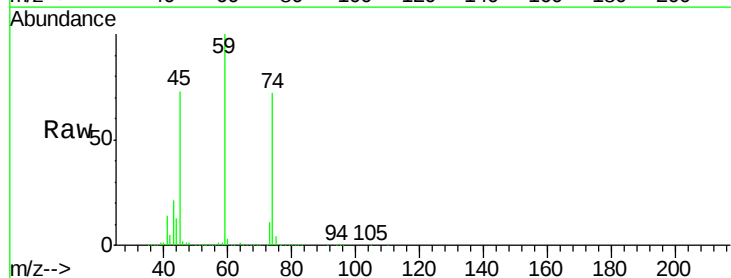
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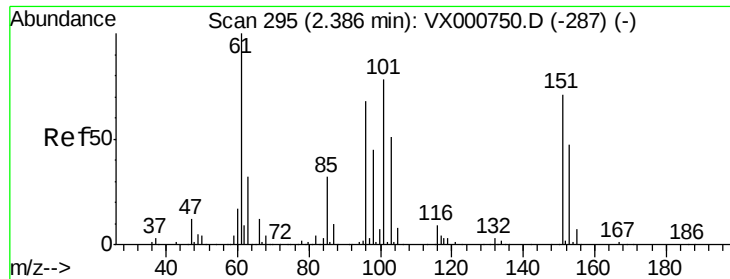


#8

Diethyl Ether
 Concen: 19.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	36411		
45	97.8	48.6	145.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

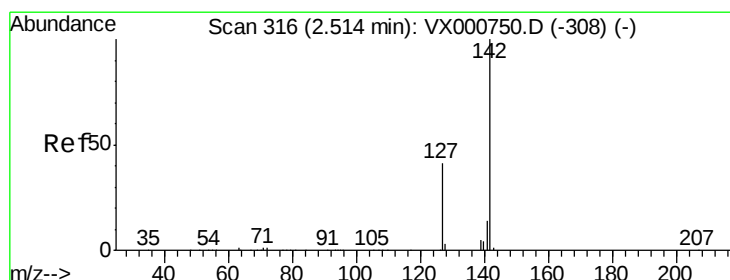
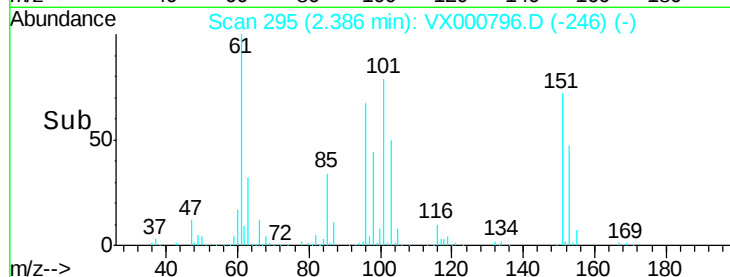
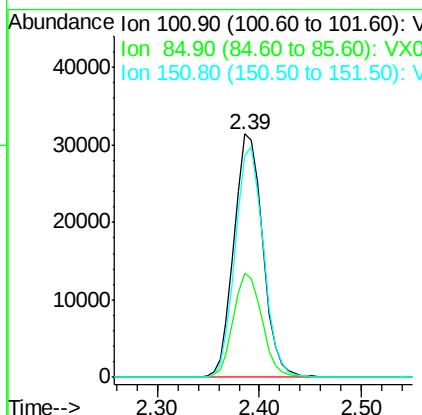
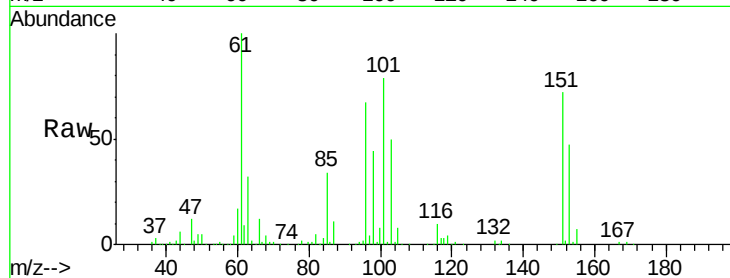
ClientSampleId :

VX0412WBS01

Tot Ion:	101	Resp:	61401
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.0	51.0
151	93.1	75.8	113.8

Manual Integrations
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#10

Methyl Iodide

Concen: 15.41 ug/l

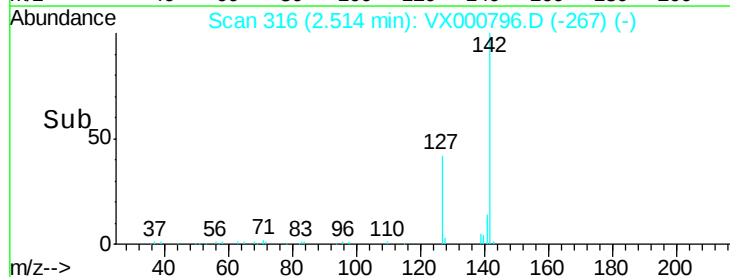
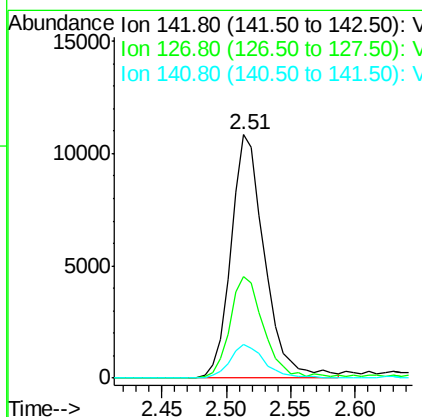
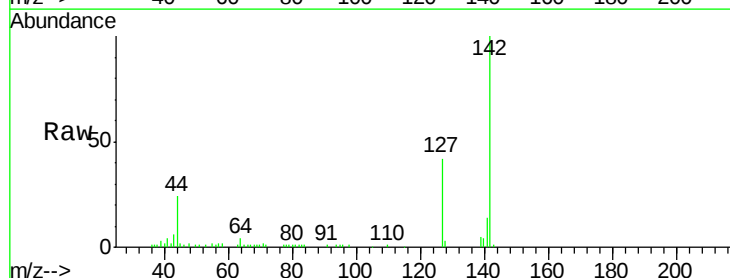
RT: 2.51 min Scan# 316

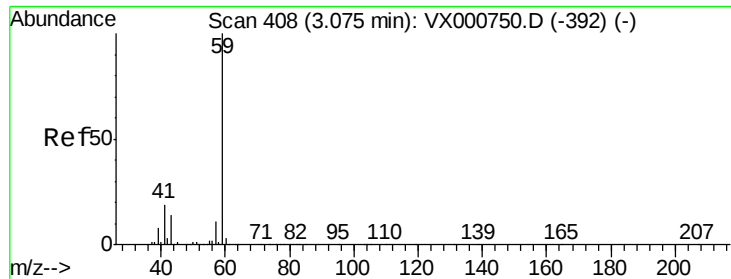
Delta R.T. 0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	142	Resp:	19677
Ion Ratio	Lower	Upper	
142	100		
127	42.2	32.6	49.0
141	14.2	11.5	17.3





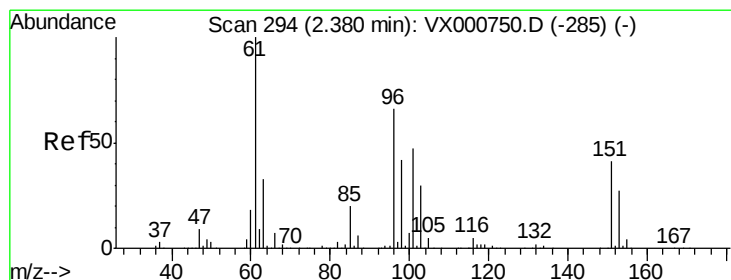
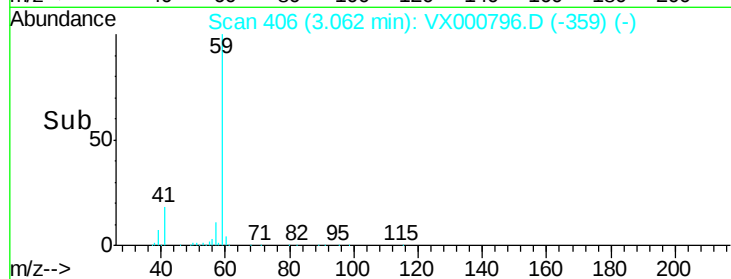
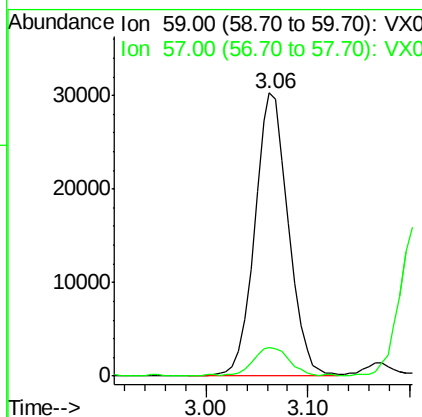
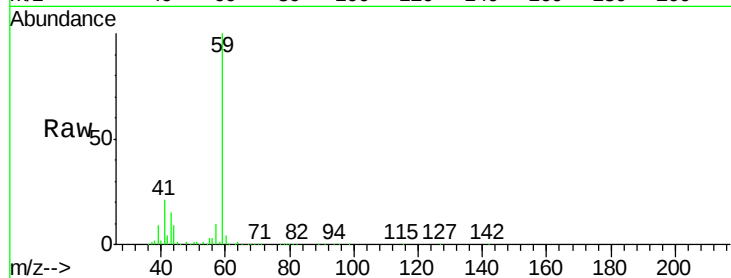
#11
Tert butyl alcohol
Concen: 101.87 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampled :
VX0412WBS01

Tot Ion: 59 Resp: 69282
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

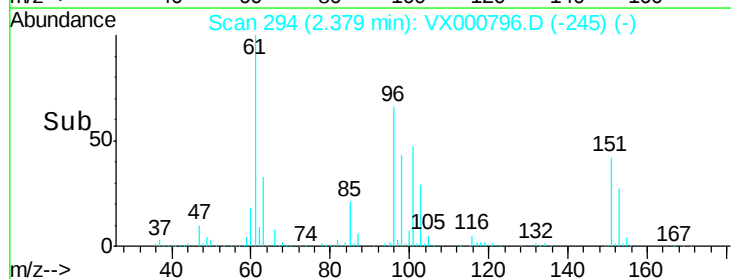
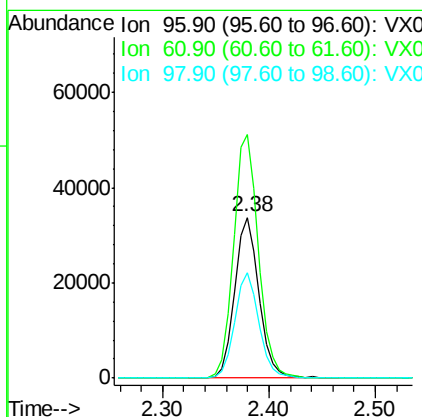
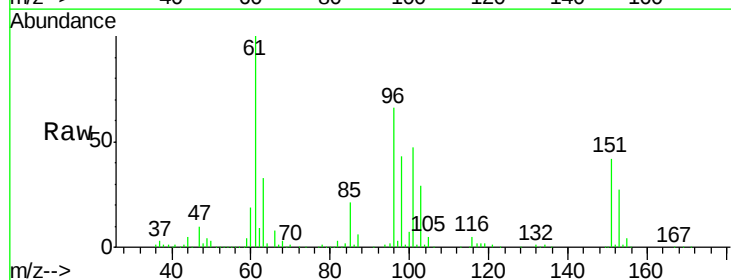
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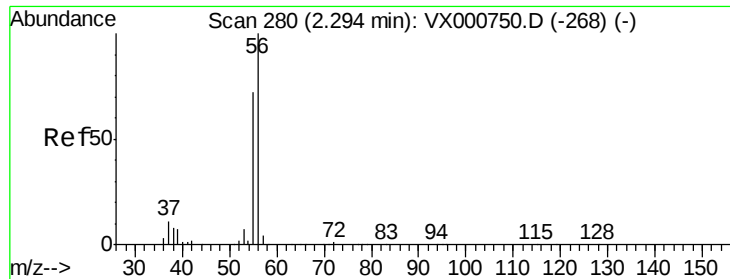
apatel
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#12
1,1-Dichloroethene
Concen: 19.50 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 96 Resp: 54360
Ion Ratio Lower Upper
96 100
61 151.8 120.5 180.7
98 65.6 50.9 76.3





#13

Acrolein

Concen: 57.02 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

Tot Ion: 56 Resp: 18833

Ion Ratio Lower Upper

56 100

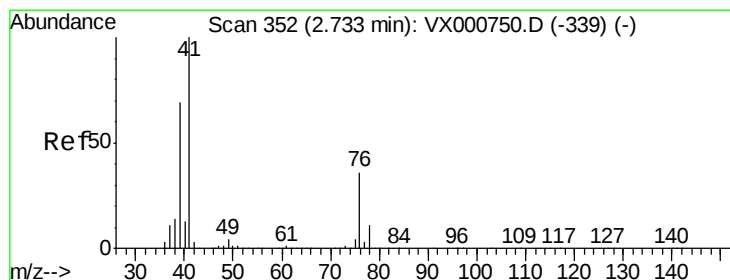
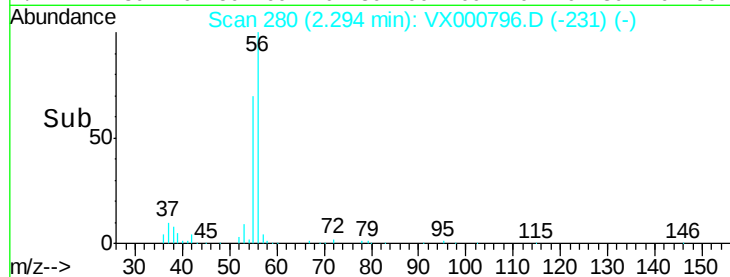
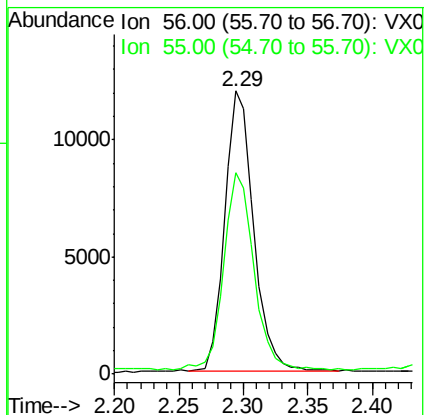
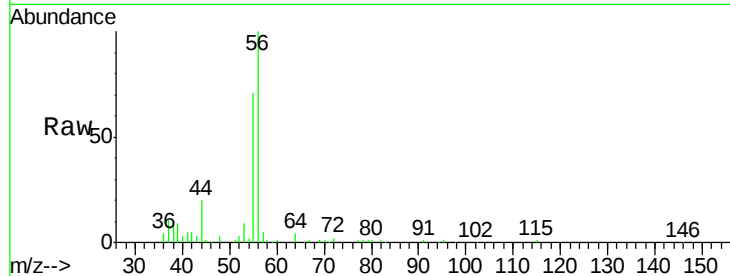
55 74.4 58.7 88.1

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#14

Allyl chloride

Concen: 19.56 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

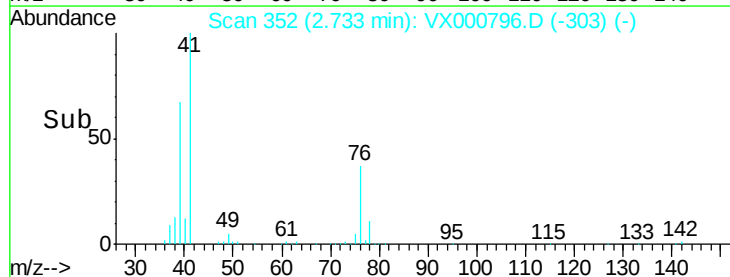
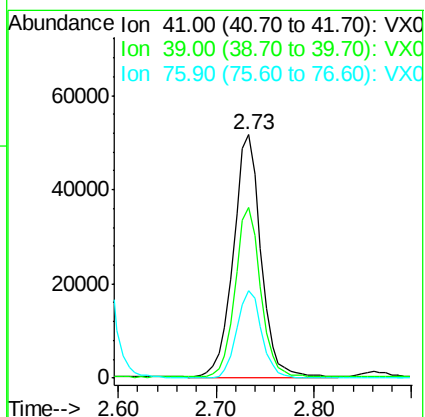
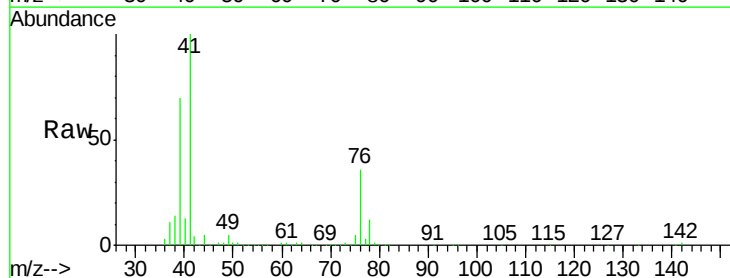
Tgt Ion: 41 Resp: 100873

Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 32.8 26.5 39.7





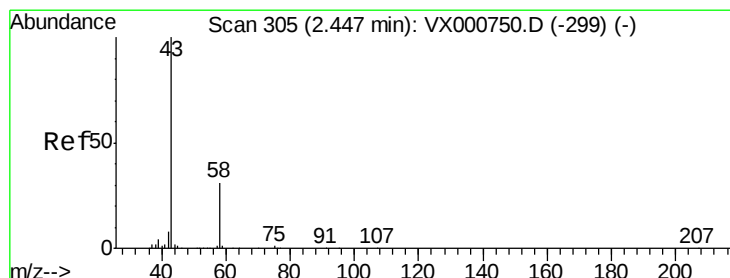
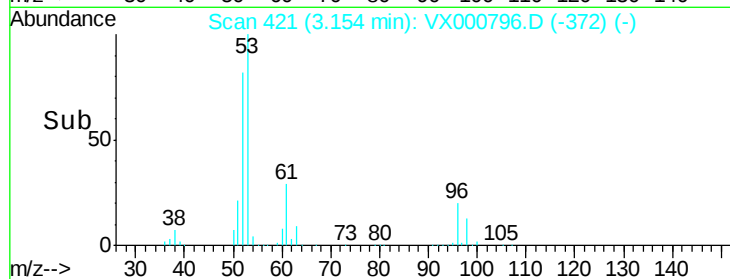
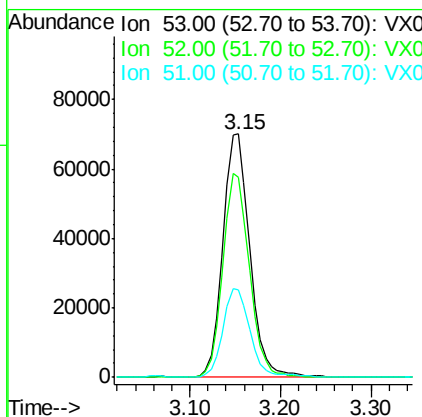
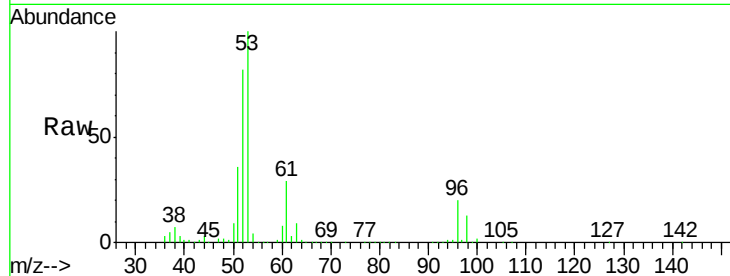
#15
 Acrylonitrile
 Concen: 99.59 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.5	99.7
51	36.9	28.8	43.2

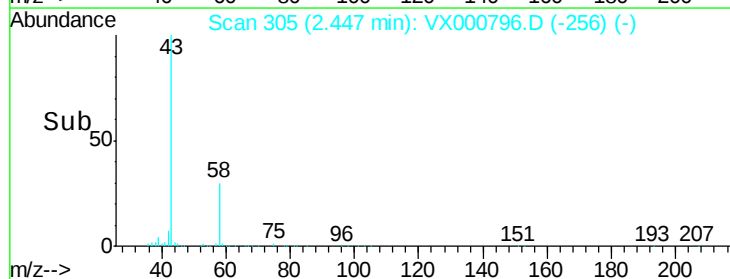
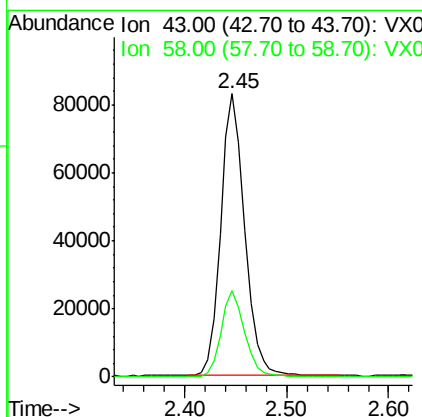
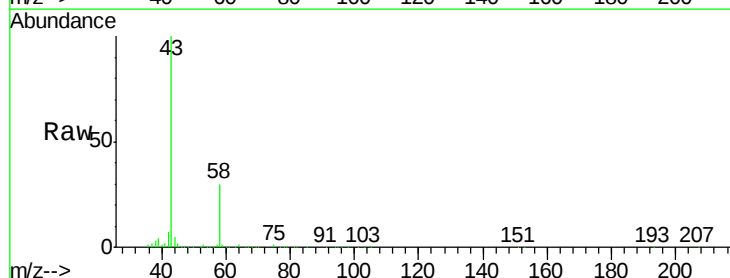
Manual Integrations
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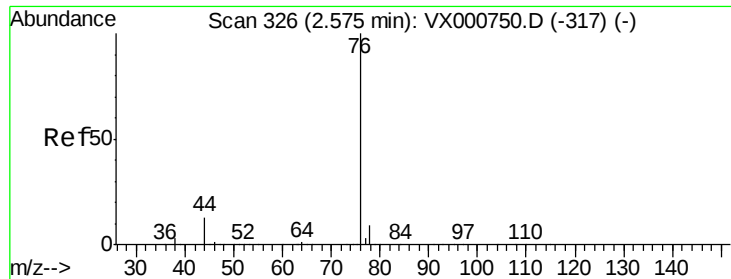
apatel
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#16
 Acetone
 Concen: 102.16 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	37.0





#17

Carbon Disulfide

Concen: 18.32 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 76 Resp: 154702

Ion Ratio Lower Upper

76 100

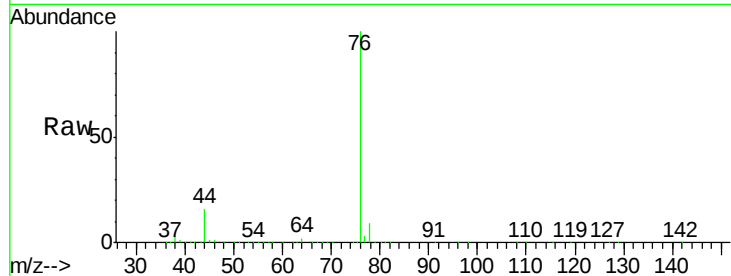
78 9.3 7.4 11.2

Manual Integrations

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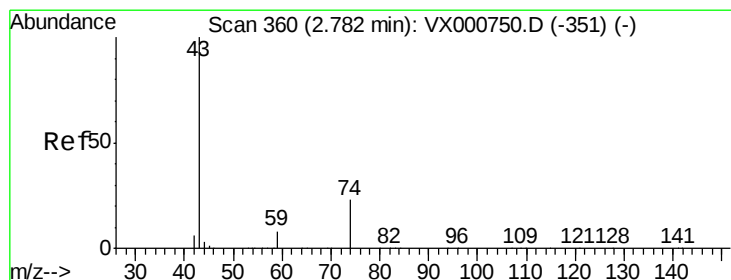
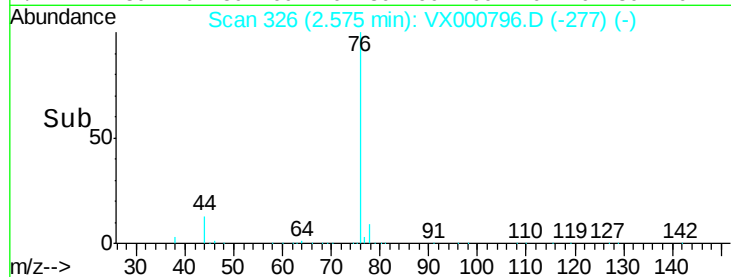
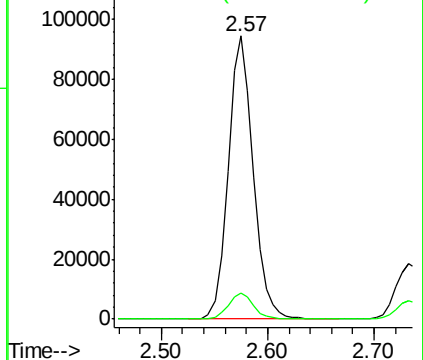
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.60 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000796.D

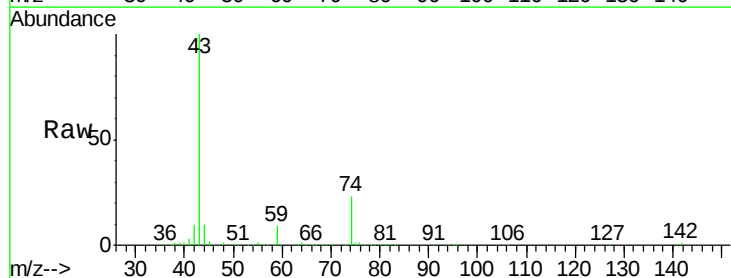
Acq: 12 Apr 2018 12:33

Tgt Ion: 43 Resp: 70432

Ion Ratio Lower Upper

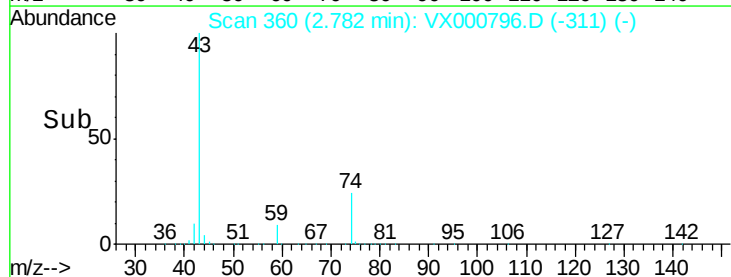
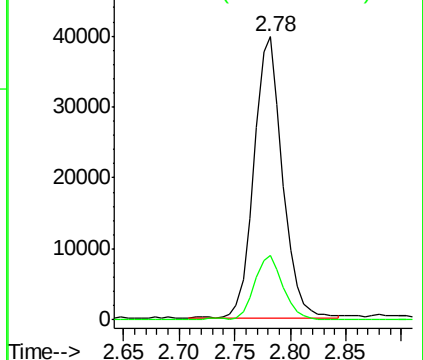
43 100

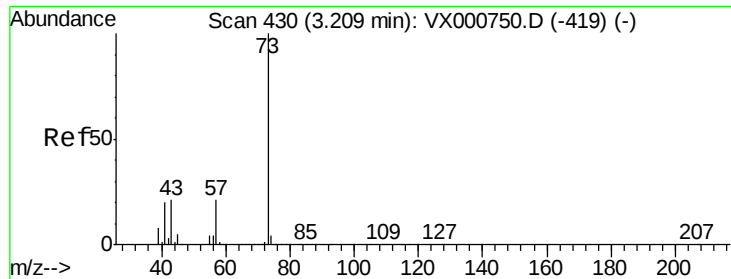
74 22.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





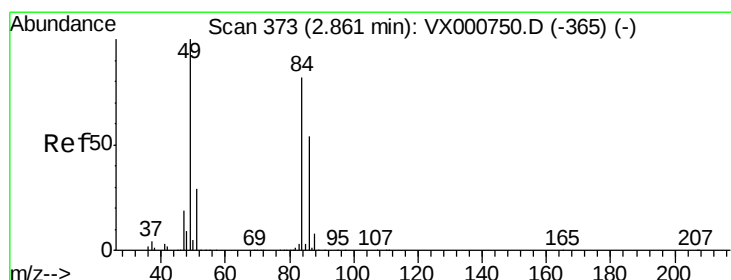
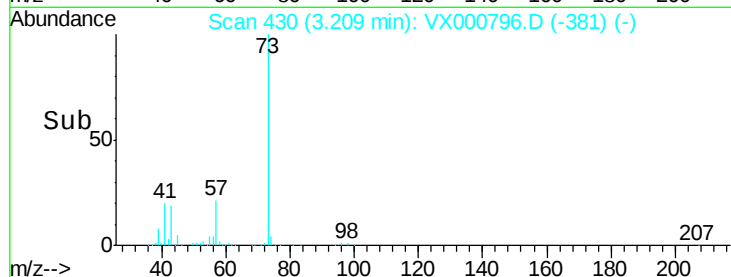
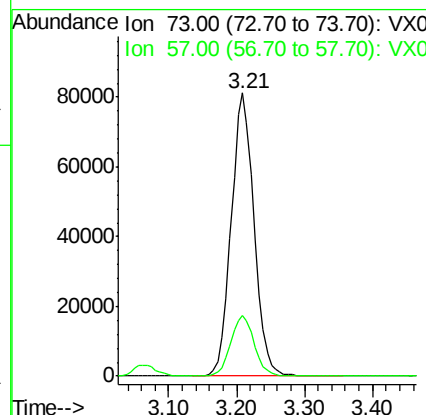
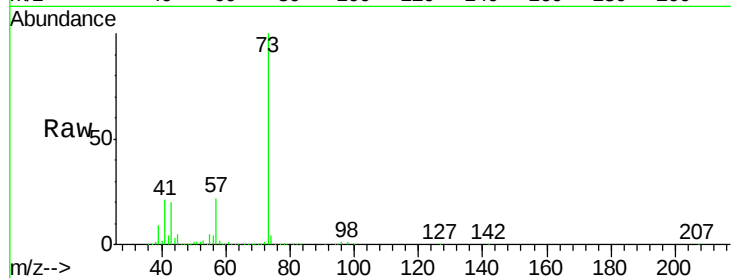
#19
Methyl tert-butyl Ether
Concen: 20.28 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.9	25.3

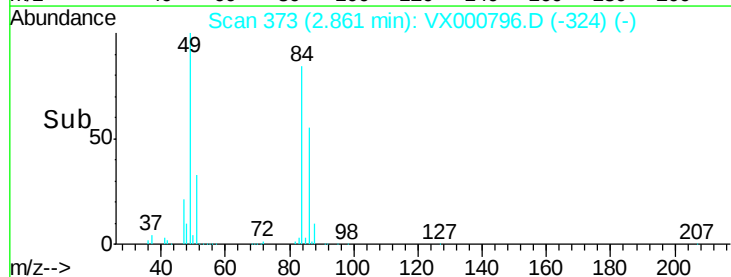
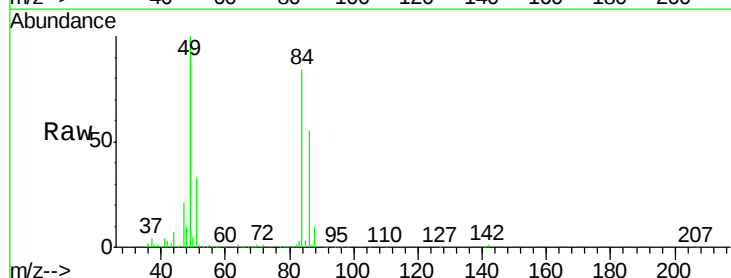
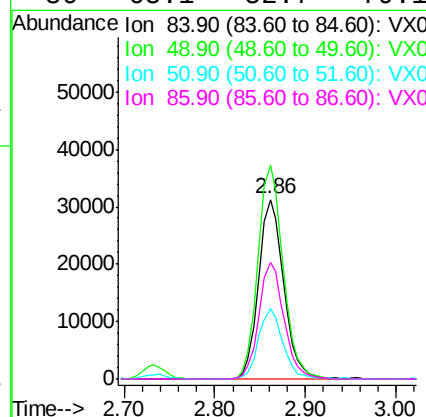
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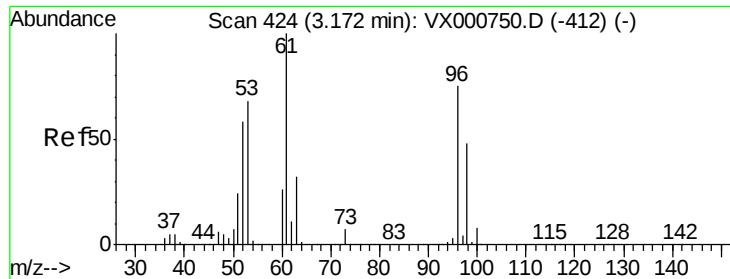
apatel
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#20
Methylene Chloride
Concen: 19.58 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.1	98.1	147.1
51	39.2	28.9	43.3
86	65.1	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 19.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

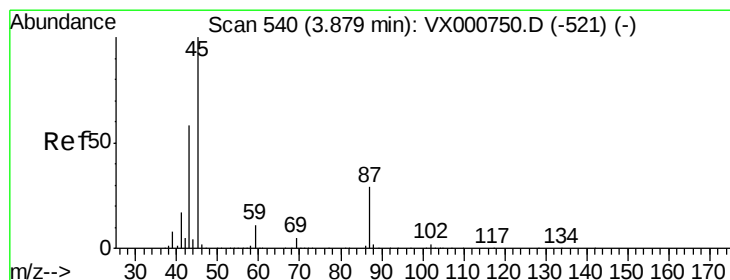
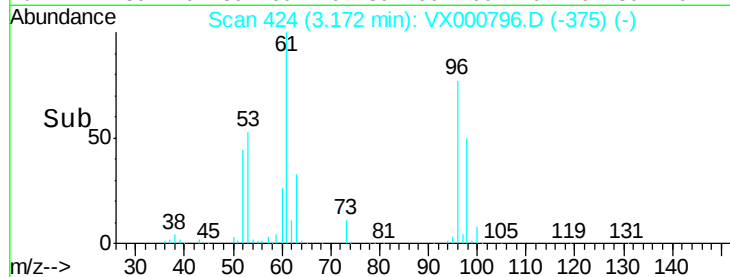
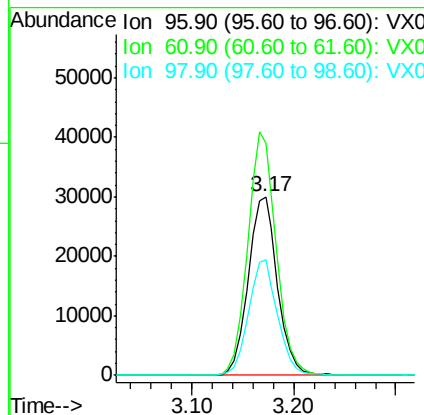
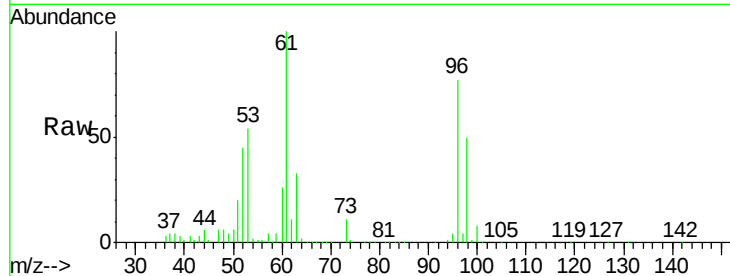
ClientSampleId :

VX0412WBS01

Tot Ion:	96	Resp:	59661
Ion	Ratio	Lower	Upper
96	100		
61	130.0	106.2	159.2
98	64.7	51.2	76.8

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#22

Diisopropyl ether

Concen: 19.51 ug/l

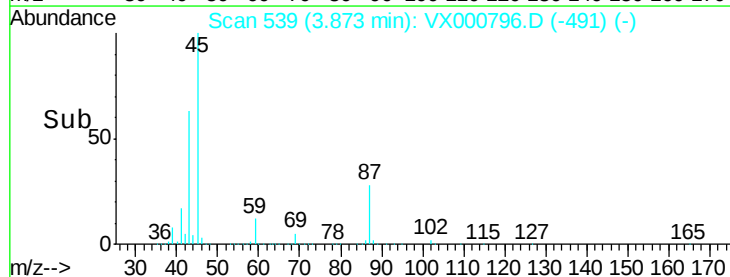
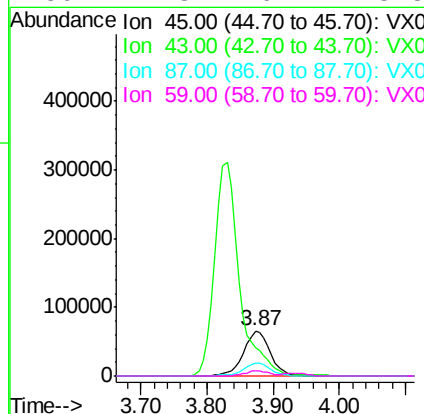
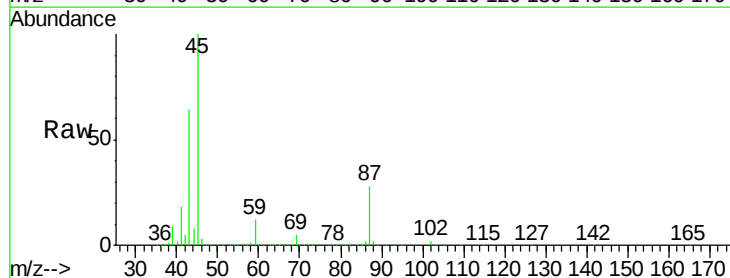
RT: 3.87 min Scan# 539

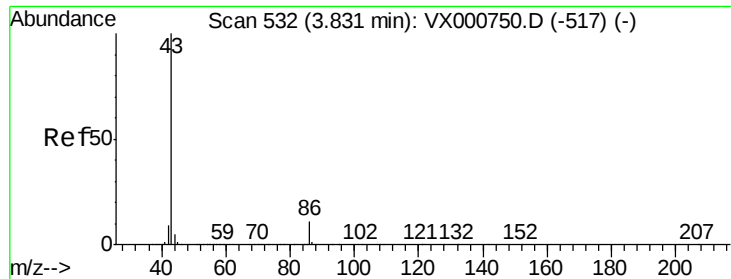
Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	45	Resp:	184842
Ion	Ratio	Lower	Upper
45	100		
43	62.4	46.6	69.8
87	28.5	22.9	34.3
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 98.21 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tot Ion: 43 Resp: 817004

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8

Instrument :

MSVOA_X

ClientSampled :

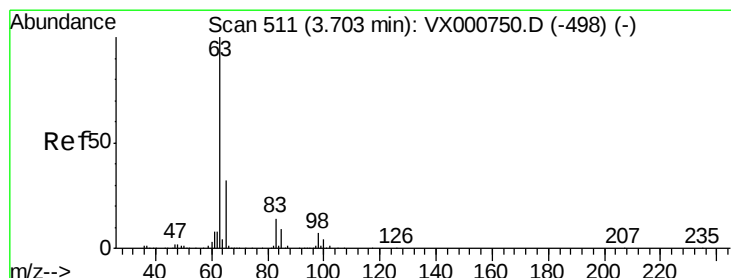
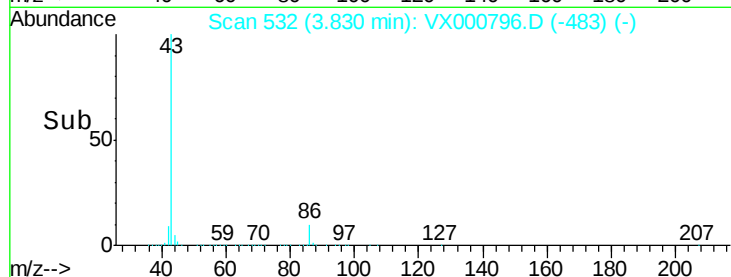
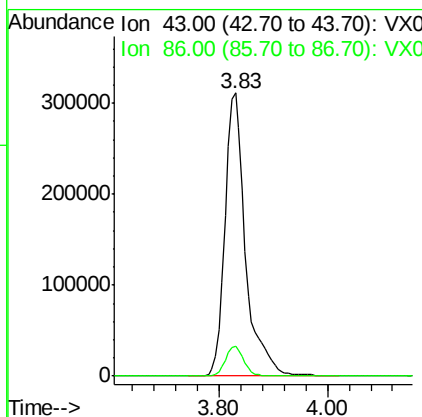
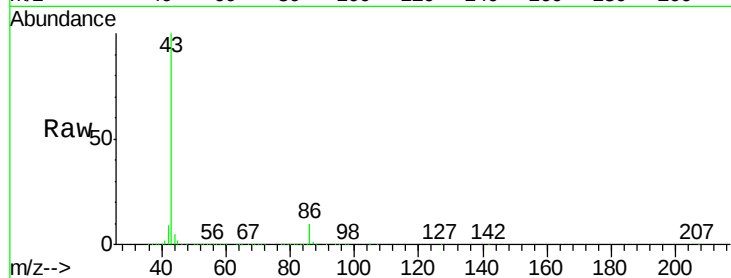
VX0412WBS01

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#24

1,1-Dichloroethane

Concen: 19.75 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

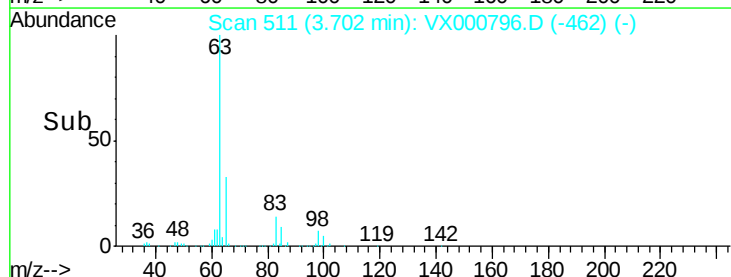
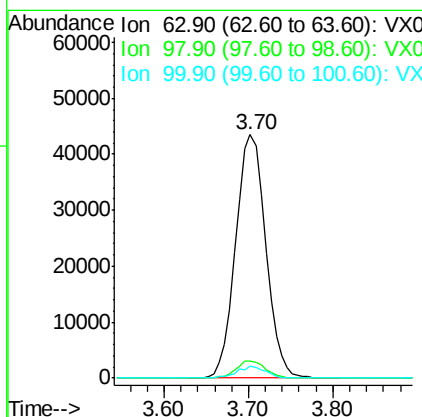
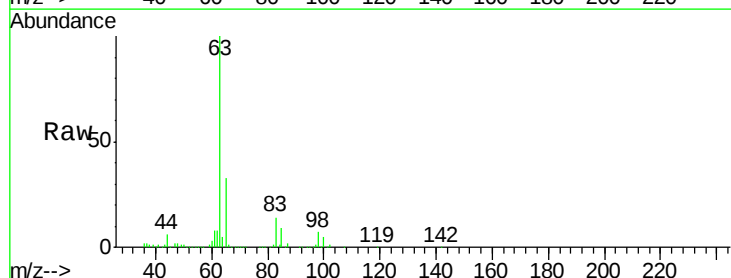
Tgt Ion: 63 Resp: 104990

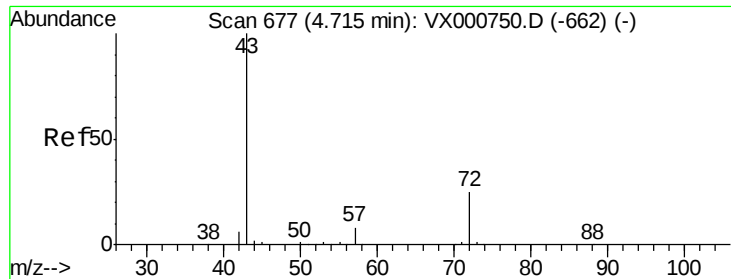
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 100.86 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tot Ion: 43 Resp: 220011

Ion Ratio Lower Upper

43 100

72 24.7 20.3 30.5

Instrument :

MSVOA_X

ClientSampleId :

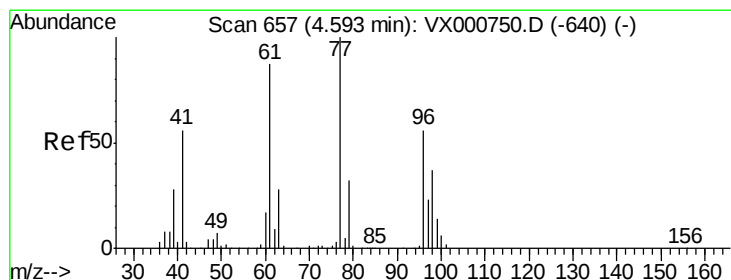
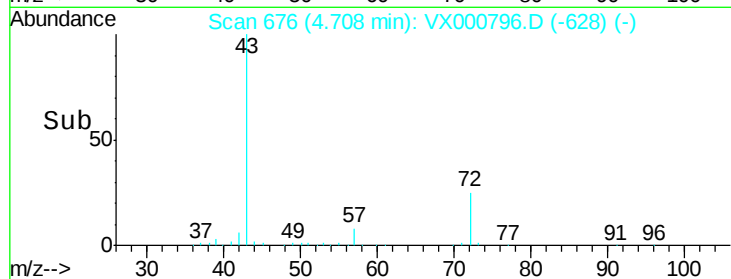
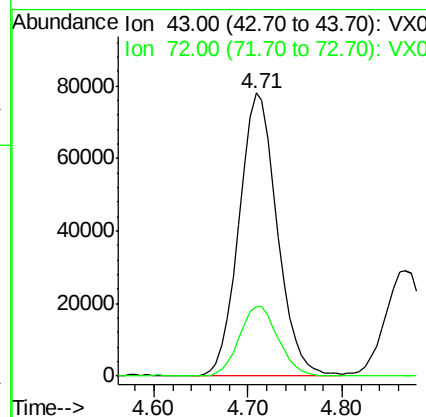
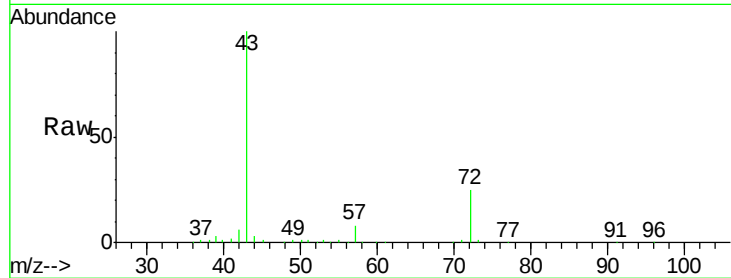
VX0412WBS01

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#26

2,2-Dichloropropane

Concen: 19.62 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000796.D

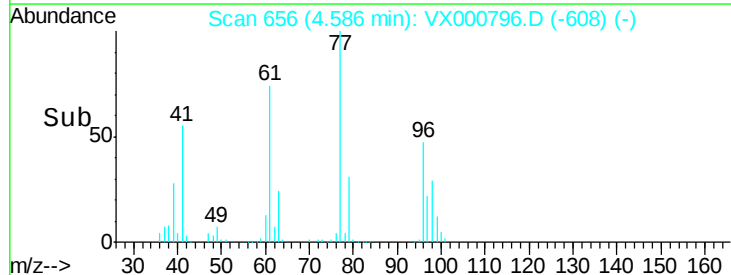
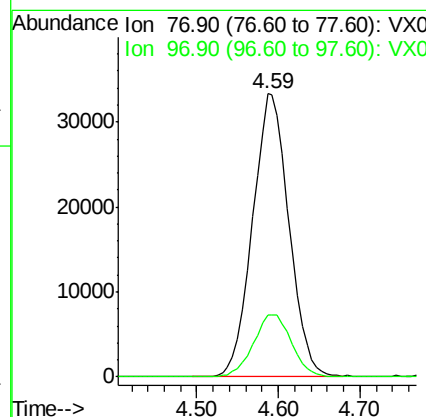
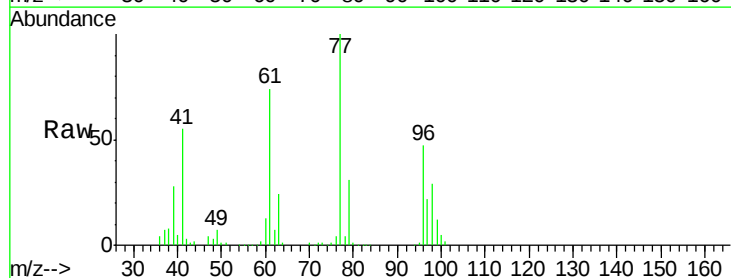
Acq: 12 Apr 2018 12:33

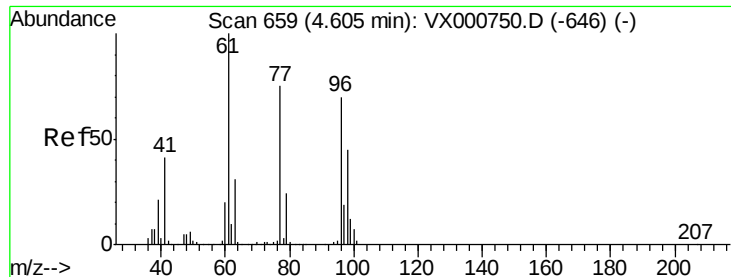
Tgt Ion: 77 Resp: 103518

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.72 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

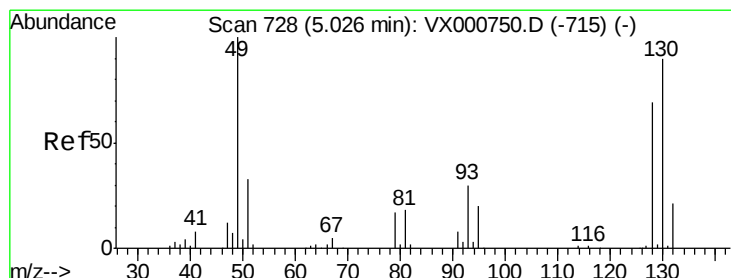
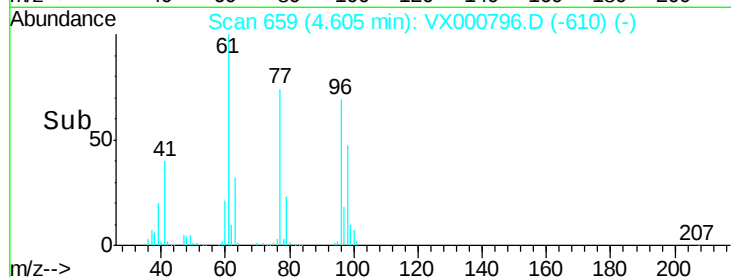
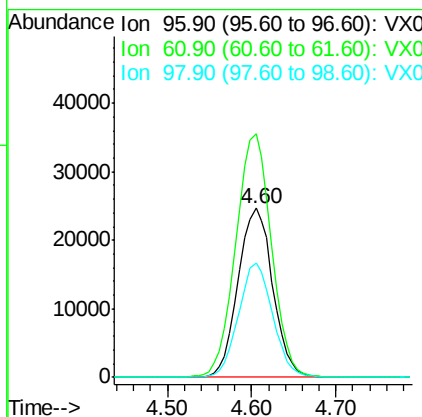
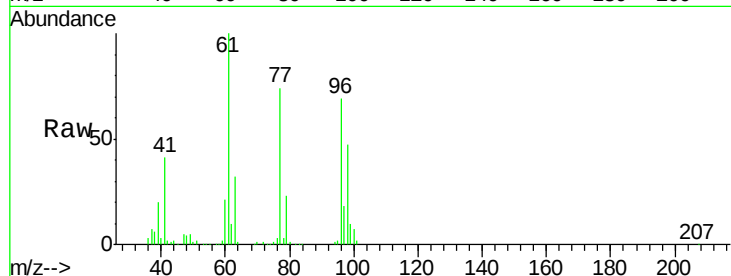
ClientSampleId :

VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	68823		
61	148.0		0.0	292.4
98	66.2		0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 19.30 ug/l

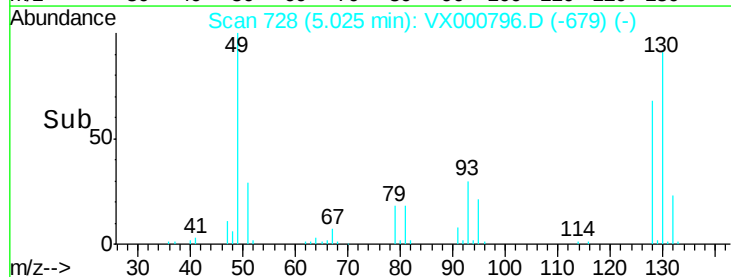
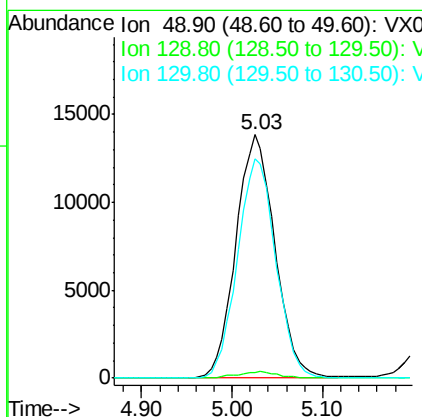
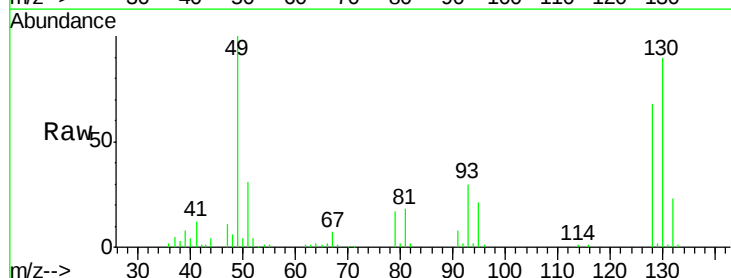
RT: 5.03 min Scan# 728

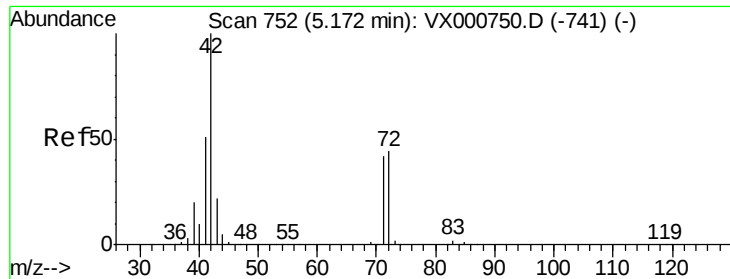
Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41315		
129	2.5		0.0	5.2
130	88.3		72.6	109.0





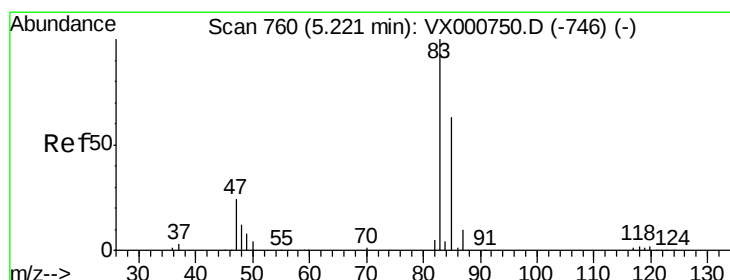
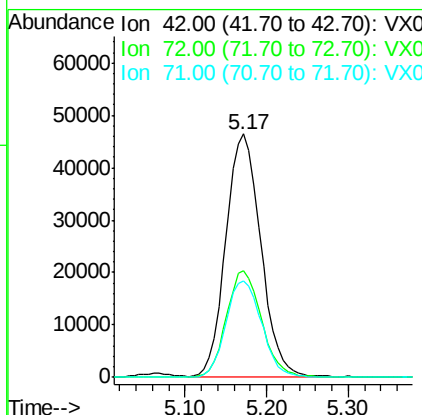
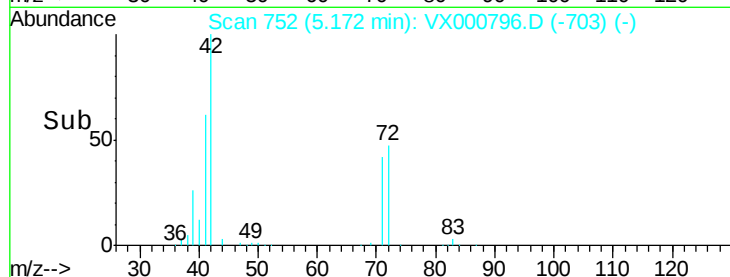
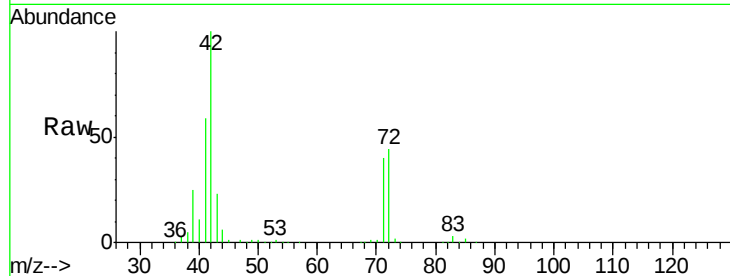
#29
Tetrahydrofuran
Concen: 98.73 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.1	52.7
71	41.0	32.8	49.2

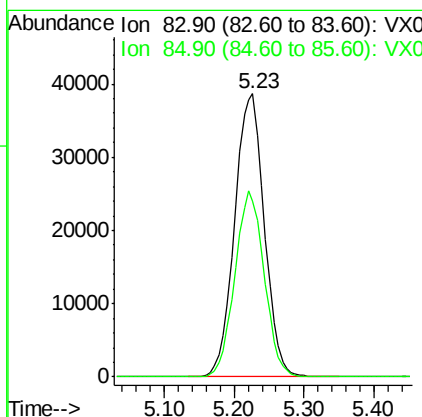
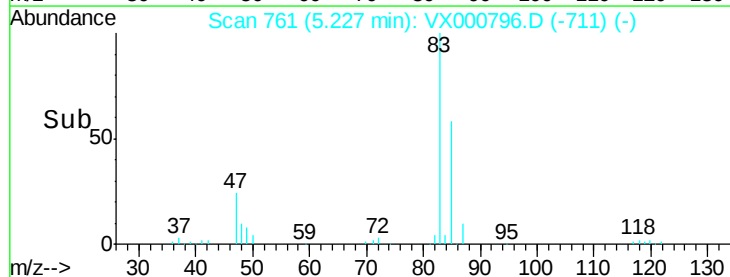
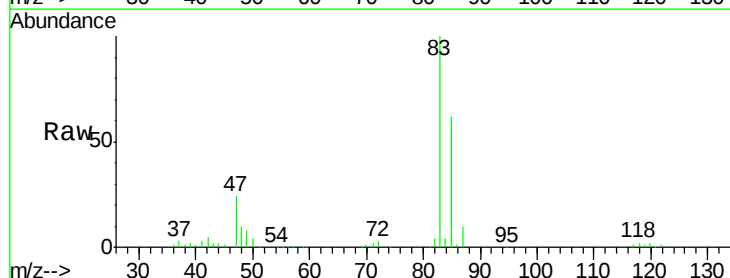
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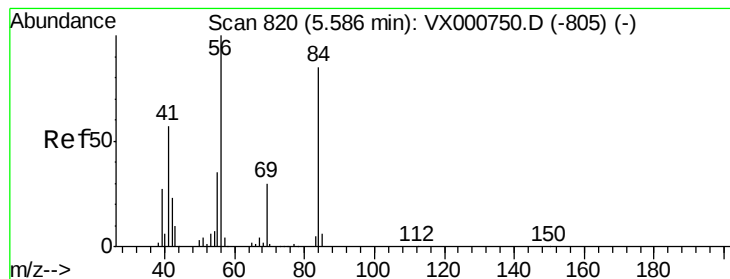
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#30
Chloroform
Concen: 20.18 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.7	76.1





#31

Cyclohexane

Concen: 19.59 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

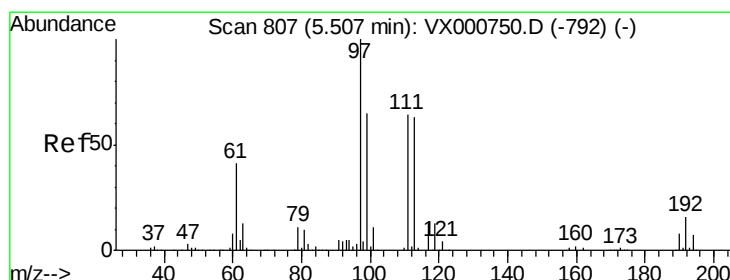
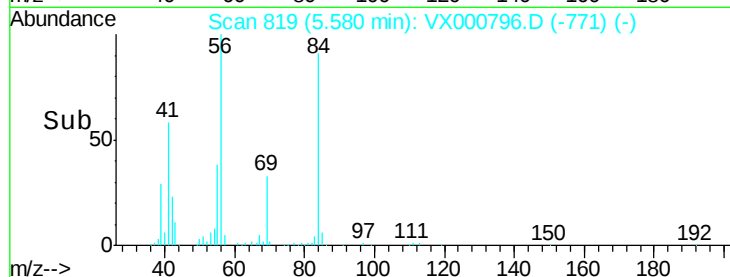
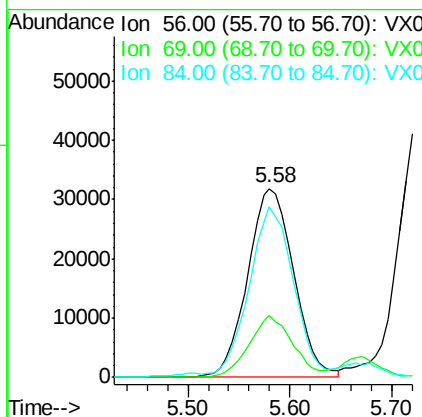
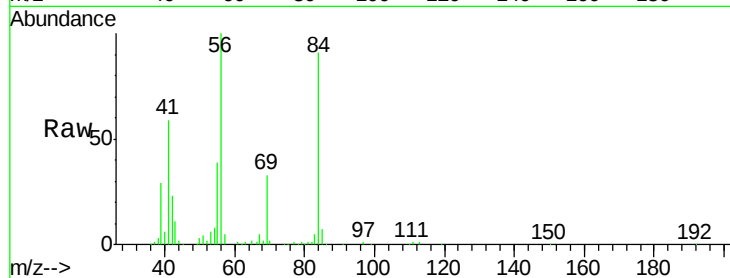
ClientSampleId :

VX0412WBS01

Tot Ion:	56	Resp:	98908
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.2	36.4
84	88.6	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.62 ug/l

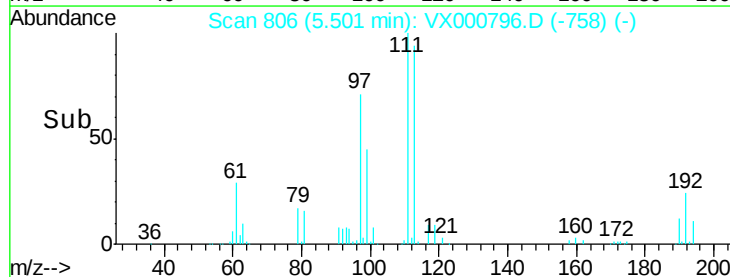
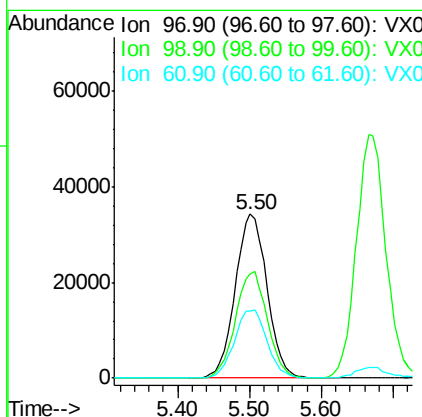
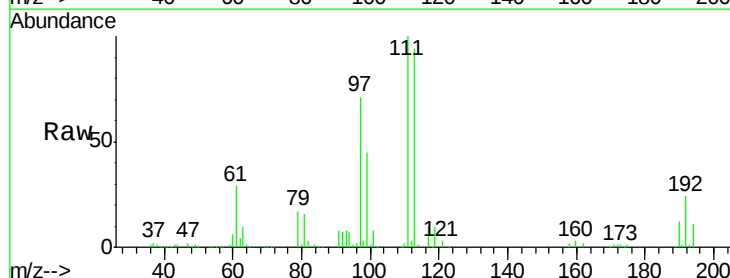
RT: 5.50 min Scan# 806

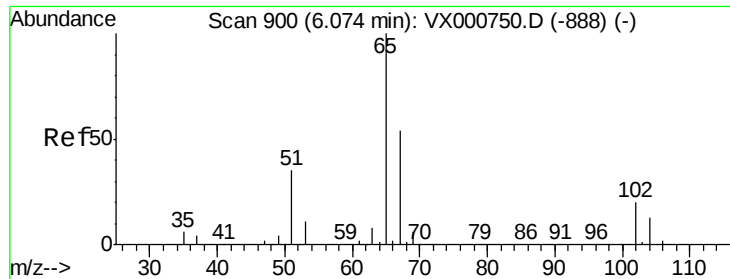
Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	97	Resp:	105233
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.0
61	42.5	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 45.17 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tot Ion: 65 Resp: 173028

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8

Instrument :

MSVOA_X

ClientSampleId :

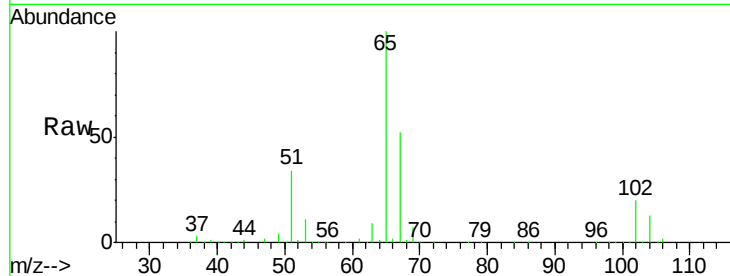
VX0412WBS01

Manual Integrations

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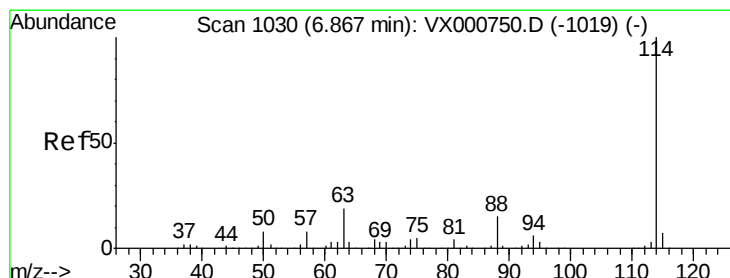
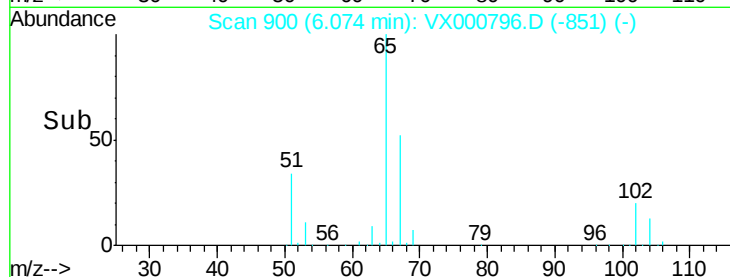
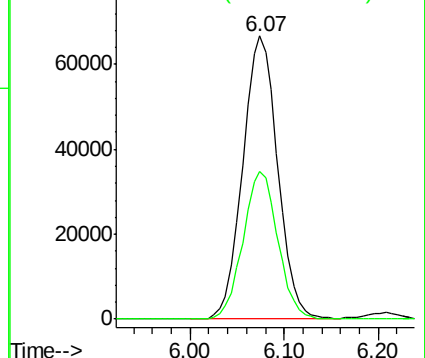
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

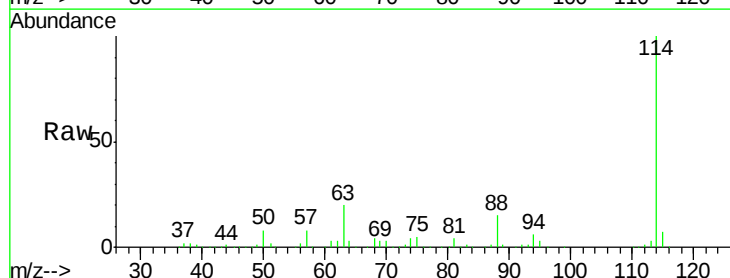
Tgt Ion:114 Resp: 401876

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

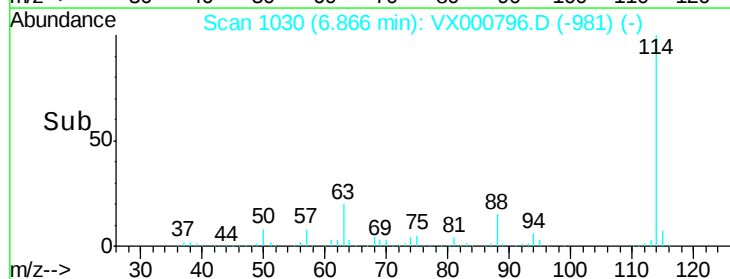
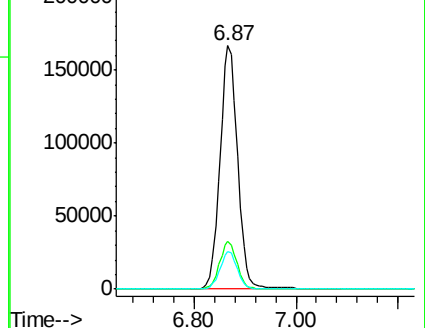
88 15.4 0.0 31.0

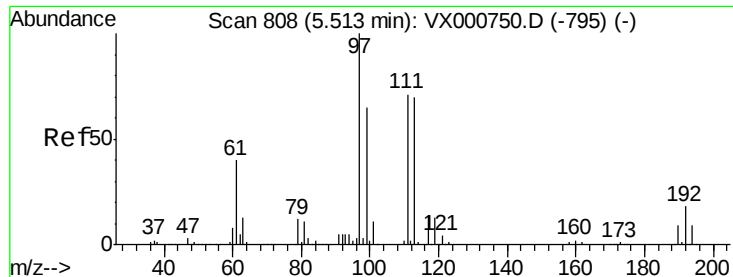


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





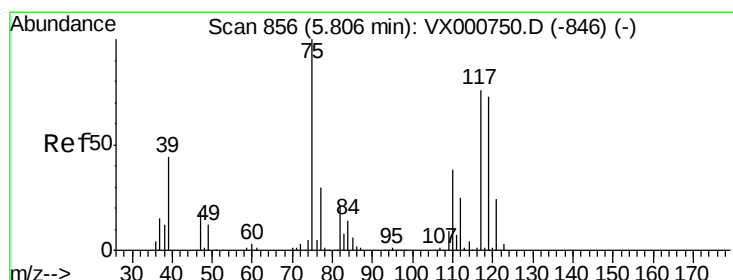
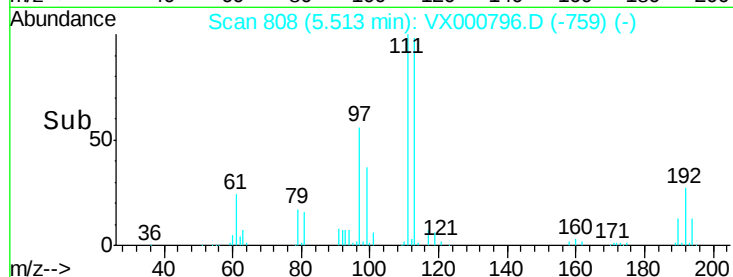
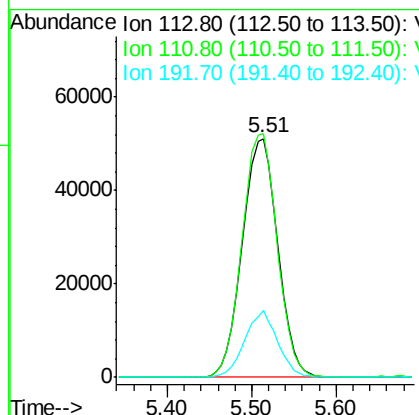
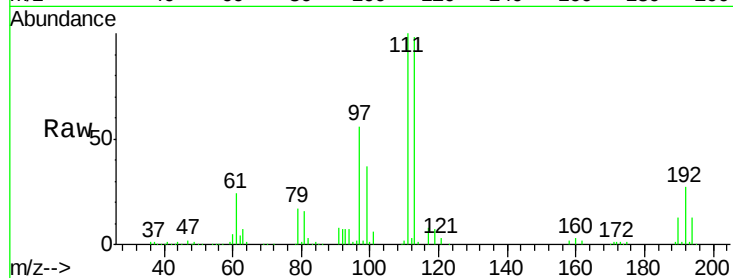
#35
Dibromofluoromethane
Concen: 47.06 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.2	81.5	122.3	
192	25.8	20.4	30.6	

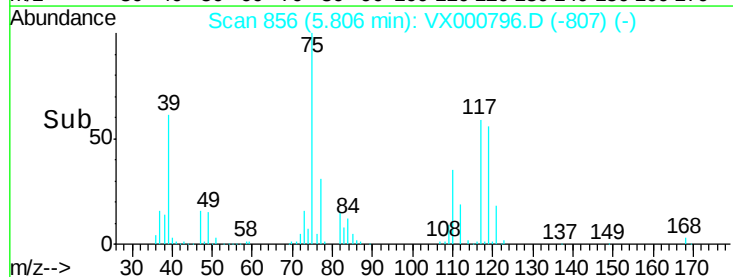
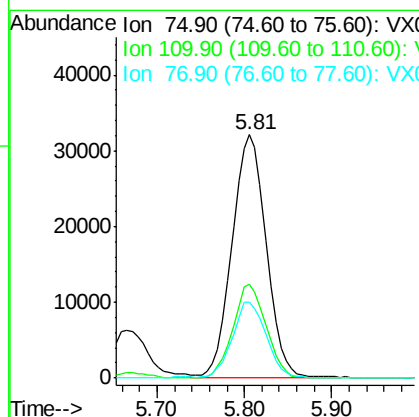
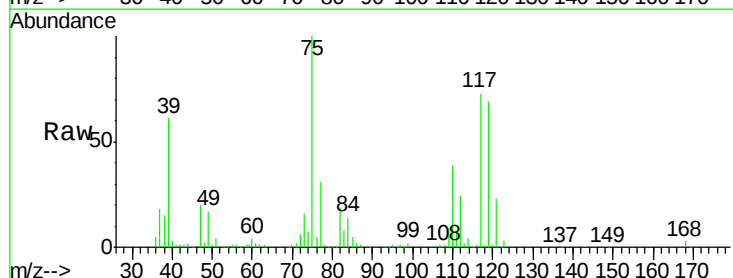
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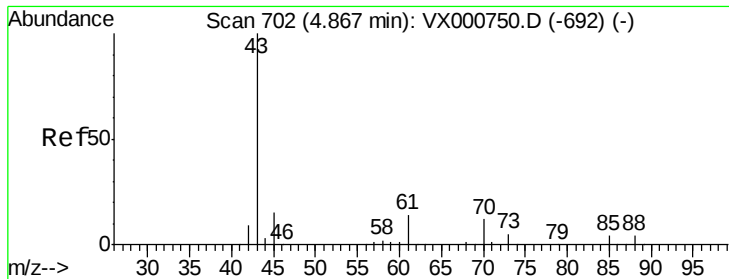
apatel
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#36
1,1-Dichloropropene
Concen: 19.54 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.0	19.2	57.6	
77	31.5	25.4	38.2	





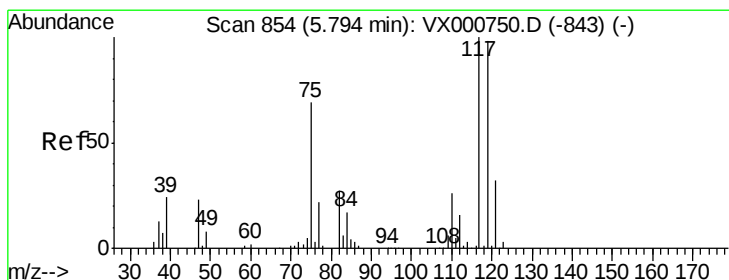
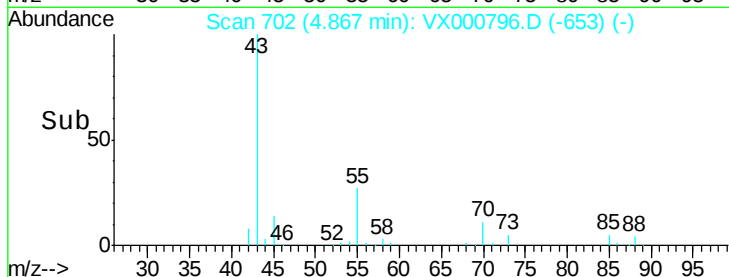
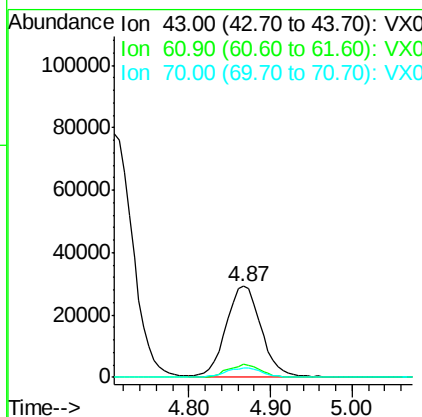
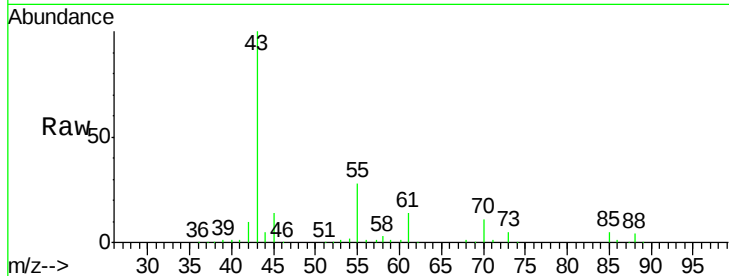
#37
Ethyl Acetate
Concen: 19.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.9	8.7	13.1

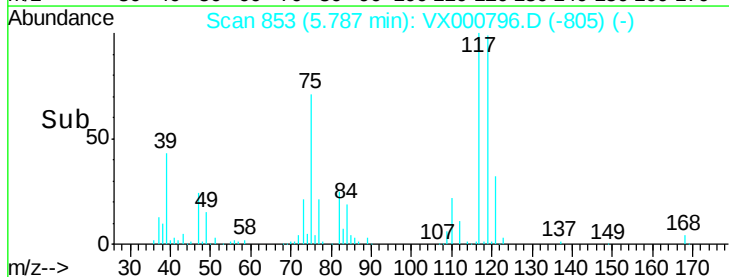
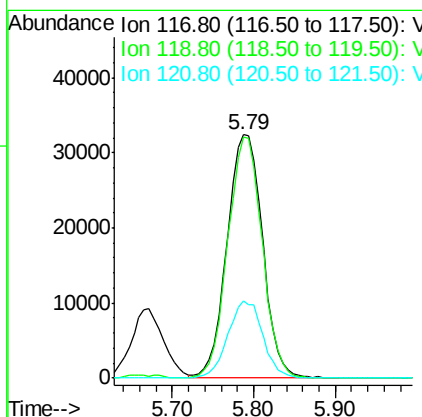
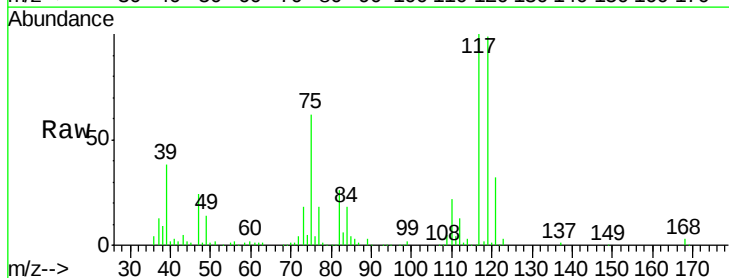
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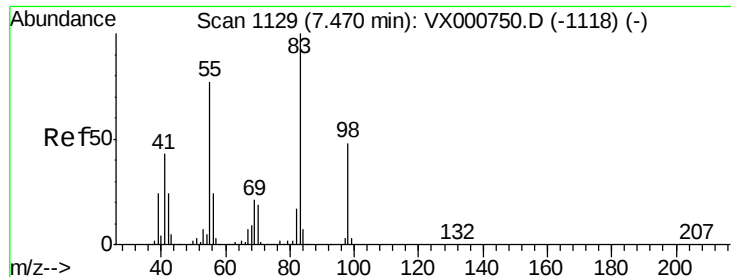
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#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.4	117.6
121	31.8	25.4	38.0





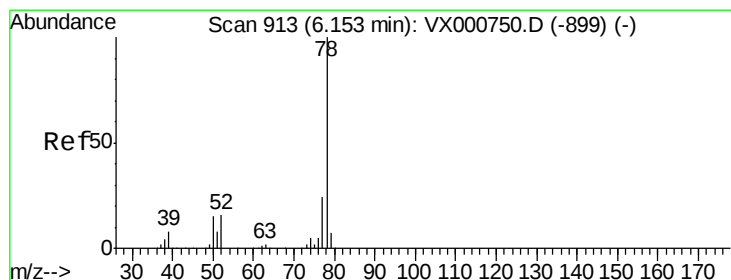
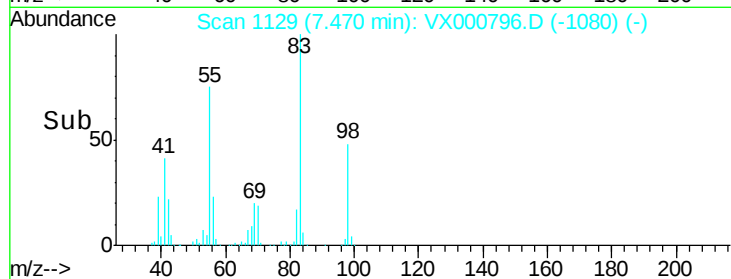
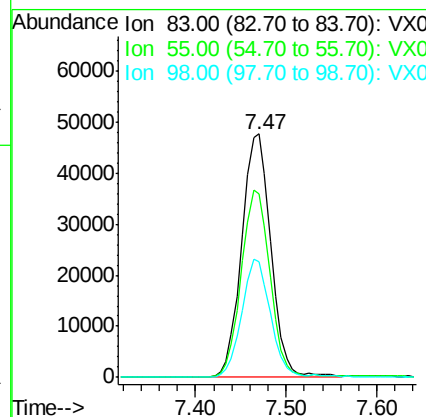
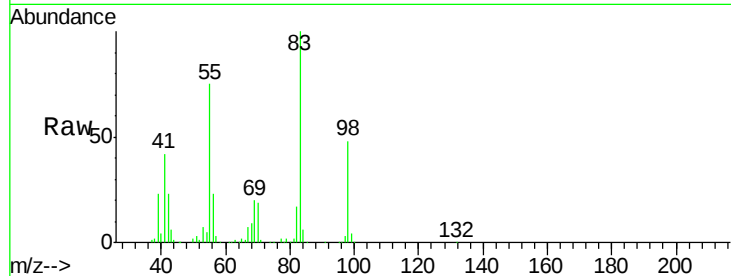
#39
Methvlcvclohexane
Concen: 20.11 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.1	61.5	92.3	
98	47.6	38.1	57.1	

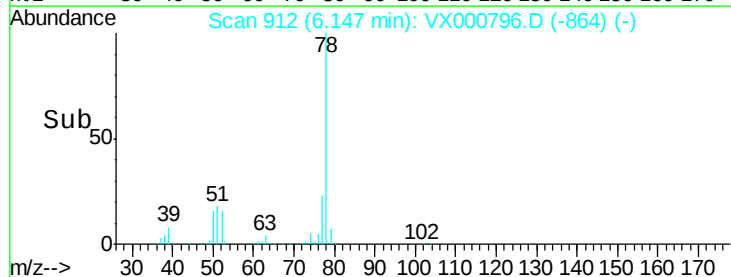
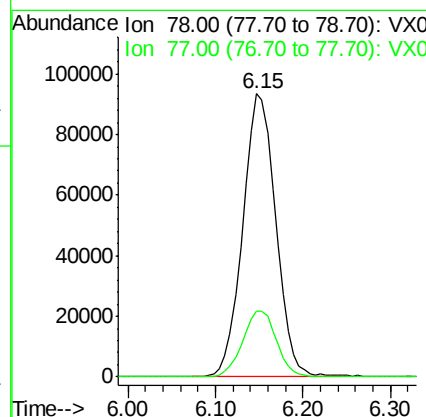
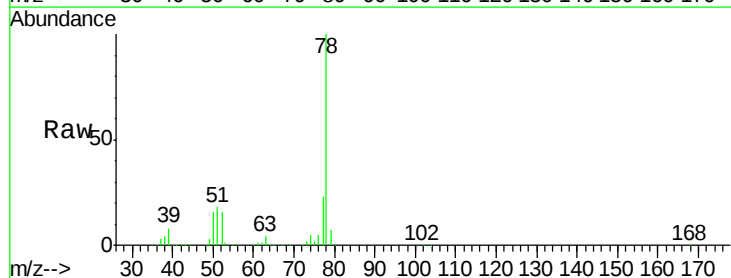
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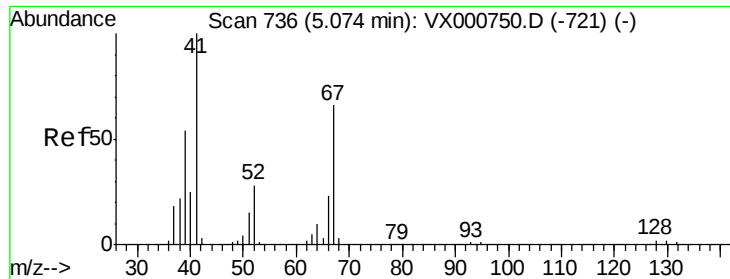
apatel
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#40
Benzene
Concen: 19.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4	19.0	28.6	





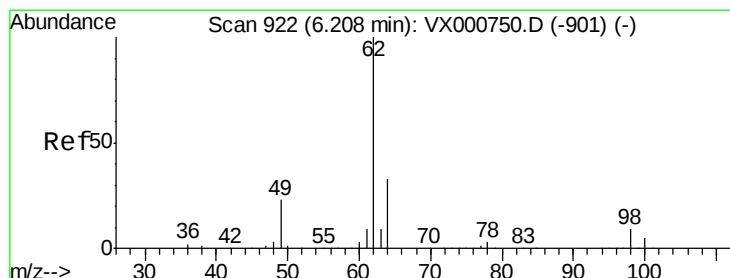
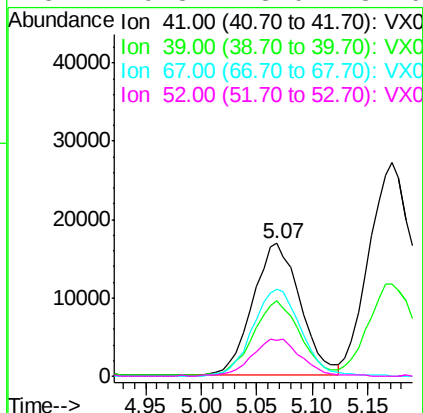
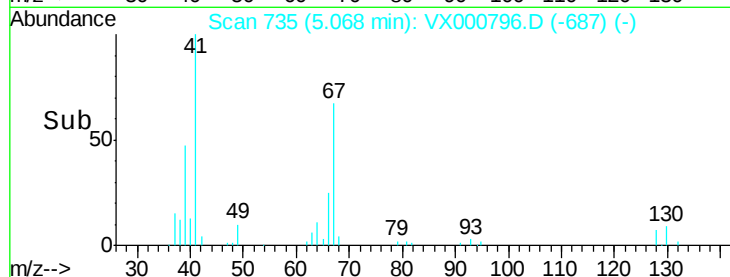
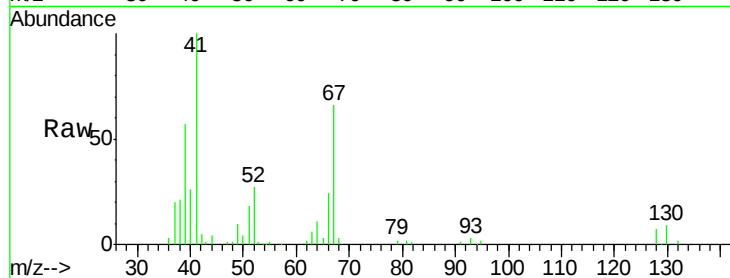
#41
Methacrylonitrile
Concen: 20.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.9	67.3	
67	67.2	54.7	82.1	
52	29.3	23.0	34.6	

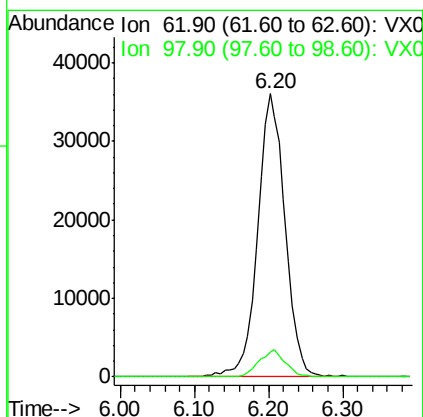
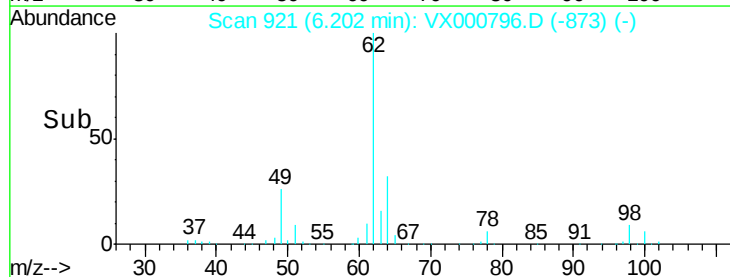
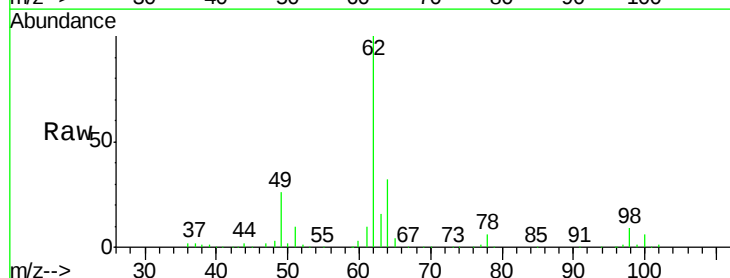
Manual Integrations
APPROVED

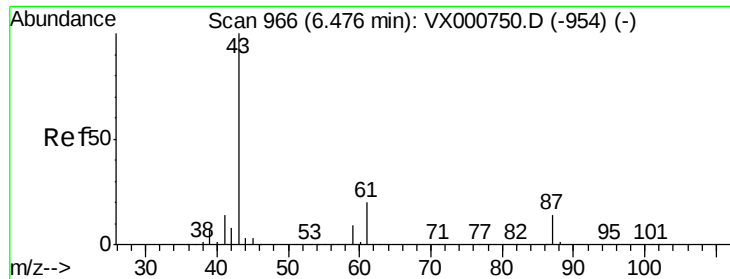
apatel
4/13/2018 2:57:51 PM



#42
1,2-Dichloroethane
Concen: 20.15 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.6	





#43

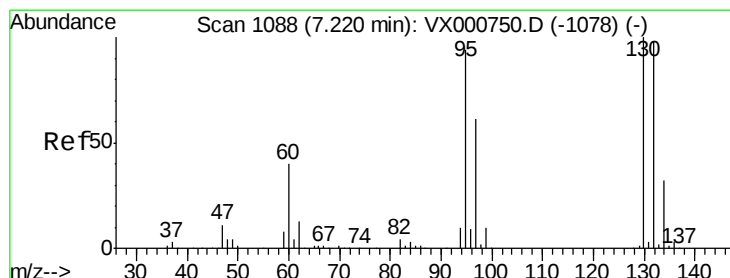
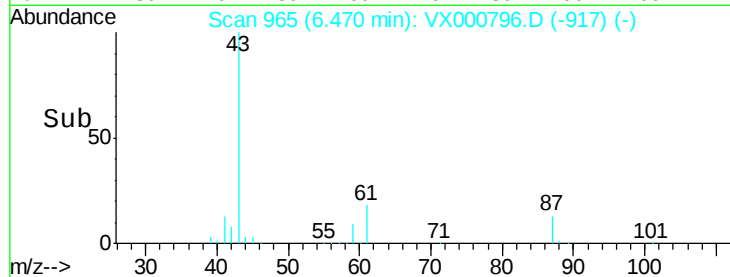
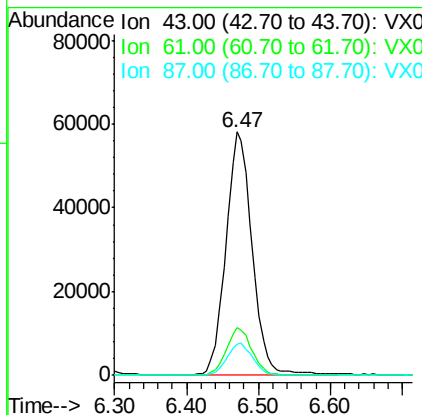
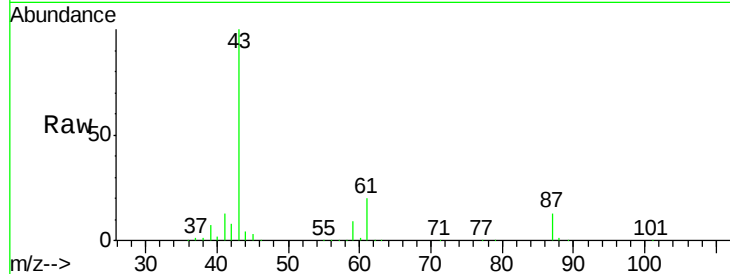
Isopropyl Acetate
 Concen: 19.71 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.6	23.4
87	13.2	10.7	16.1

Manual Integrations
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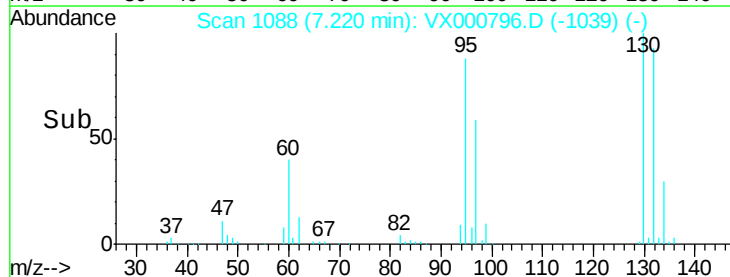
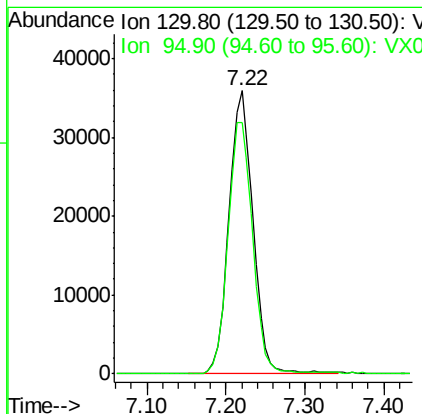
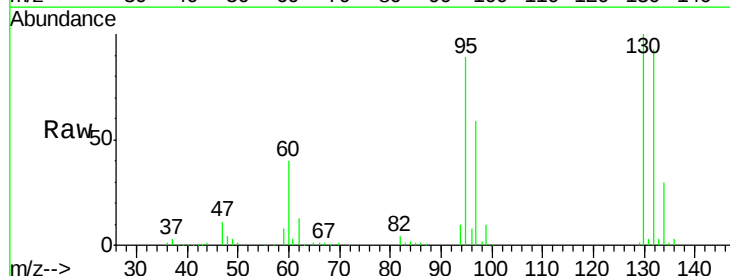
apatel
 4/13/2018 2:57:51 PM

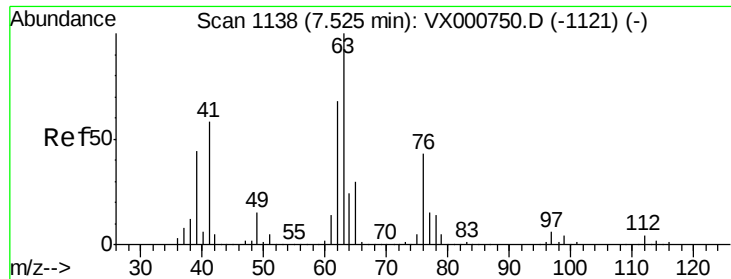


#44

Trichloroethene
 Concen: 20.00 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.36 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

Tot Ion: 63 Resp: 63746

Ion Ratio Lower Upper

63 100

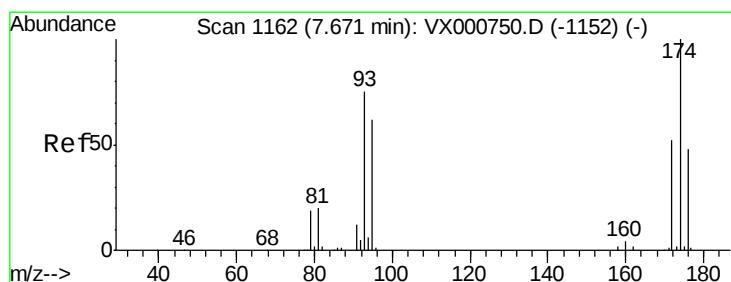
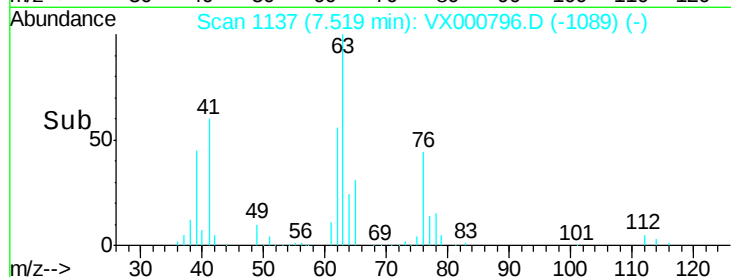
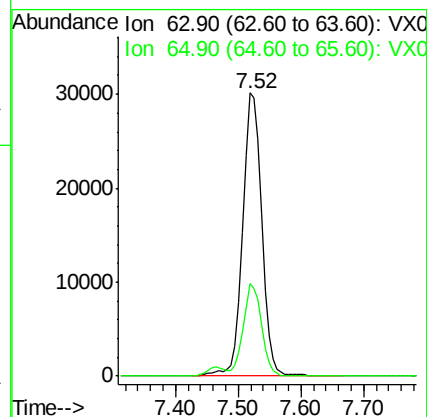
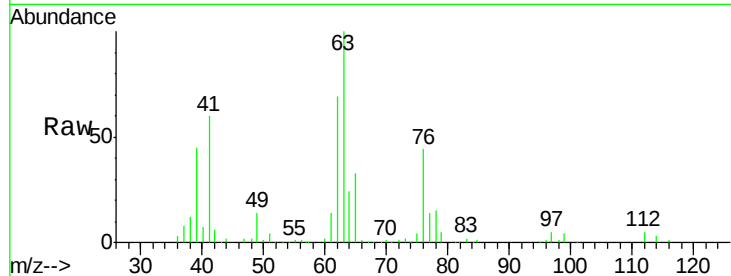
65 32.6 23.7 35.5

Manual Integrations

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apatel

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#46

Dibromomethane

Concen: 20.11 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

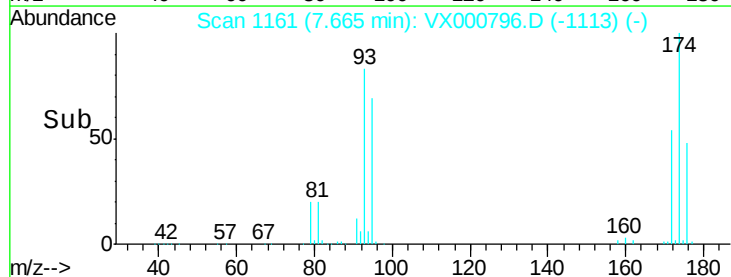
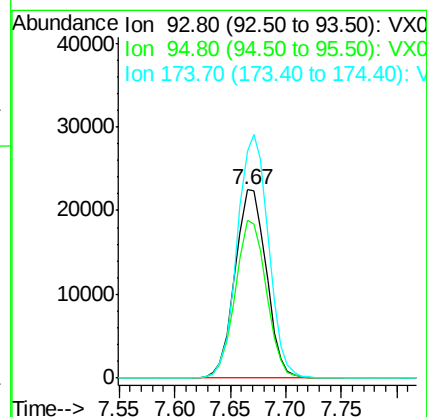
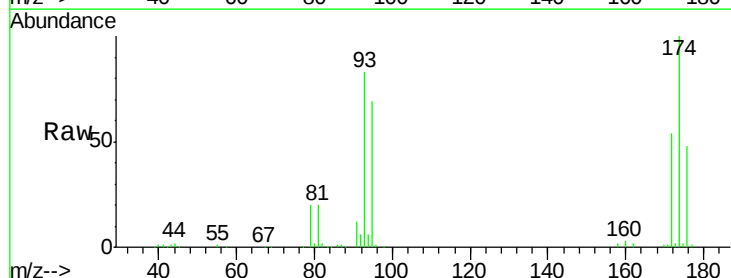
Tgt Ion: 93 Resp: 43911

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 128.4 104.5 156.7





#47

Bromodichloromethane

Concen: 20.03 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

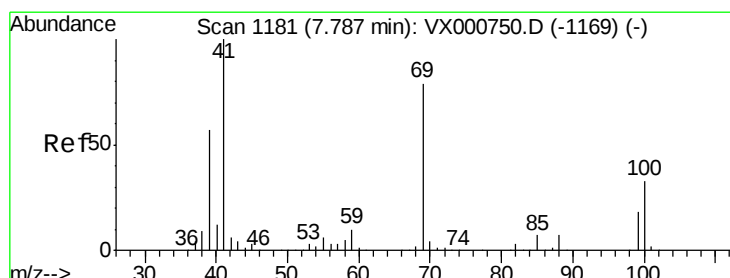
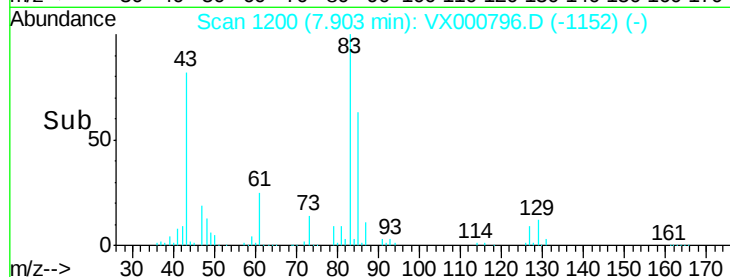
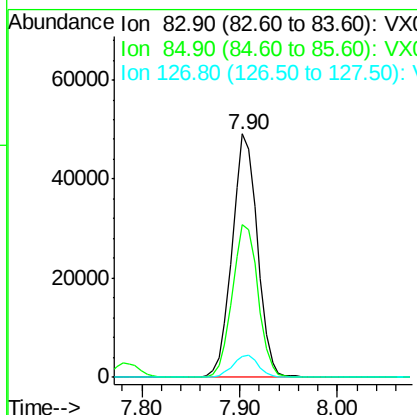
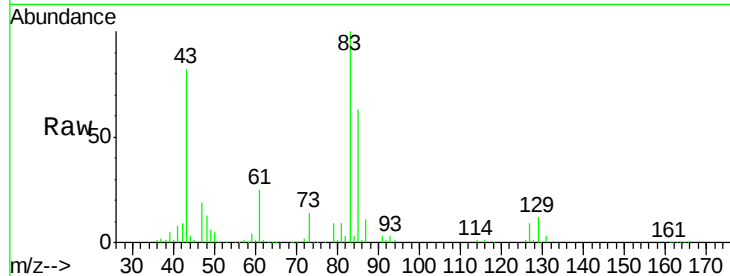
ClientSampleId :

VX0412WBS01

Tot Ion:	83	Resp:	88255
Ion Ratio	Lower	Upper	
83	100		
85	62.7	52.2	78.4
127	8.7	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.89 ug/l

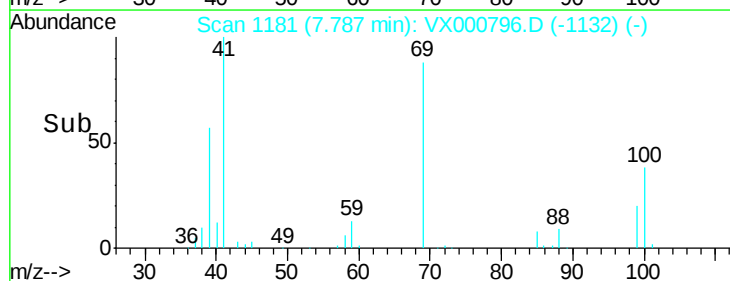
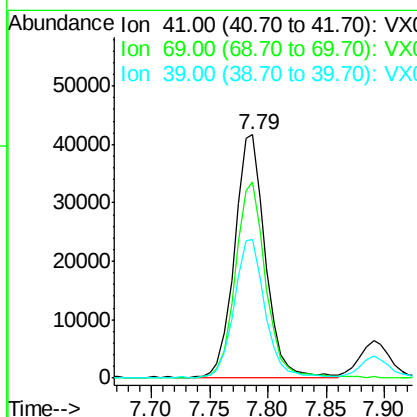
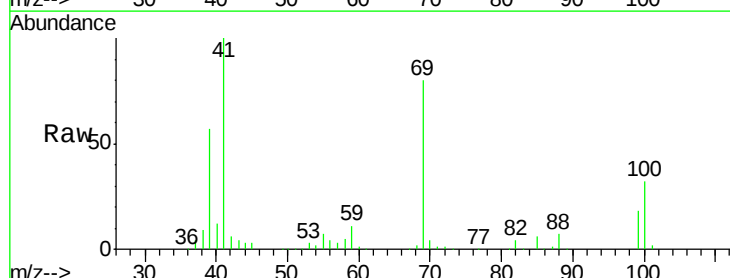
RT: 7.79 min Scan# 1181

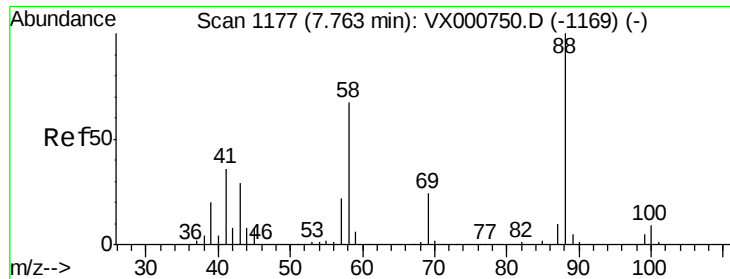
Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	41	Resp:	76358
Ion Ratio	Lower	Upper	
41	100		
69	80.3	63.9	95.9
39	57.0	45.9	68.9





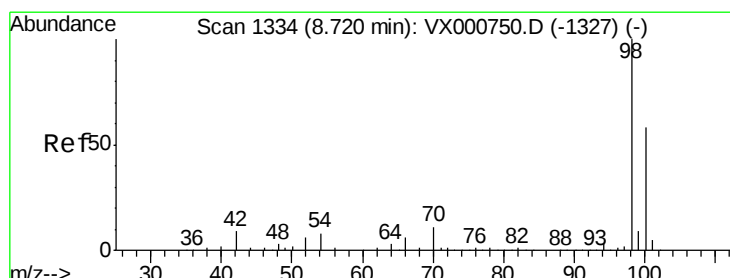
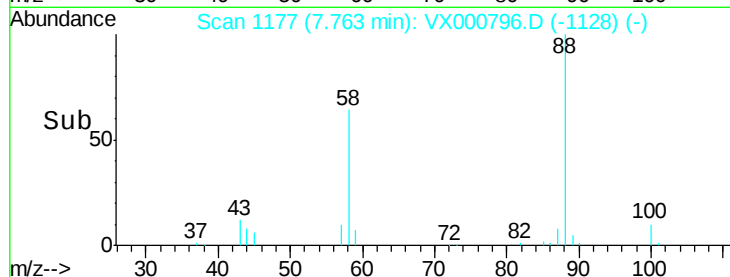
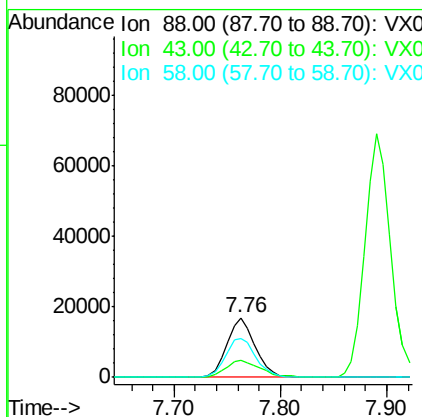
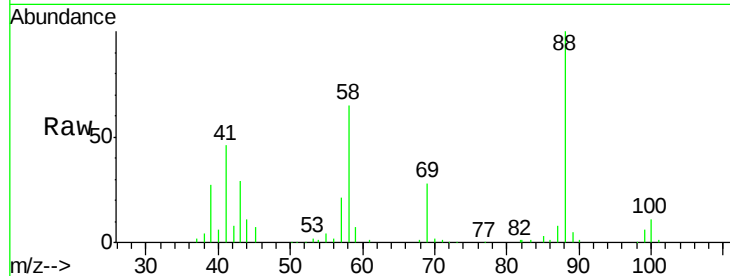
#49
1,4-Dioxane
Concen: 407.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.8
58	69.9	54.4	81.6

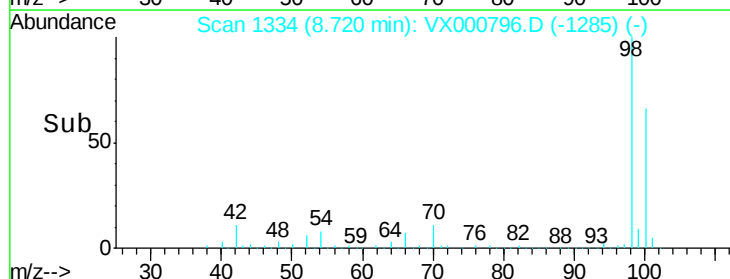
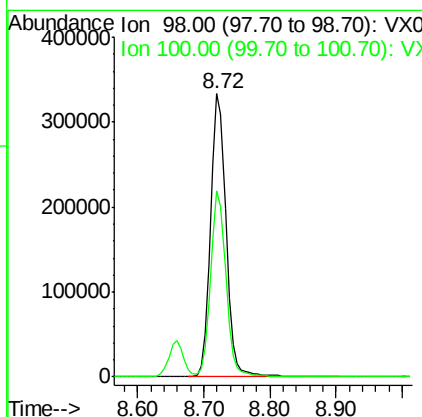
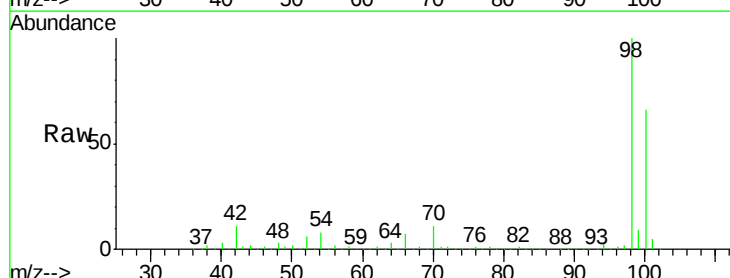
Manual Integrations
APPROVED

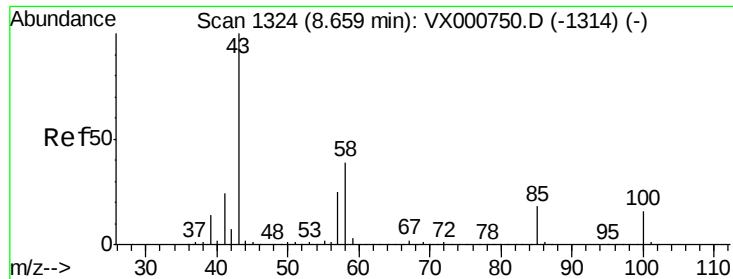
apatel
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#50
Toluene-d8
Concen: 46.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 101.26 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 43 Resp: 440595

Ion Ratio Lower Upper

43 100

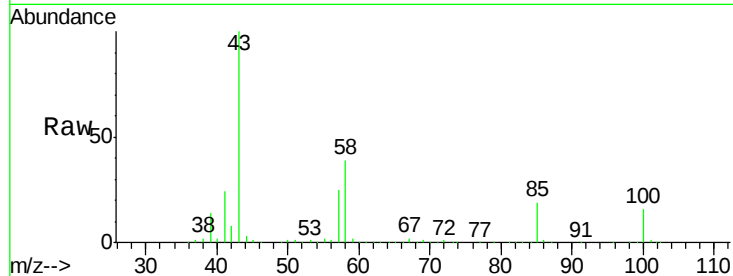
58 37.4 30.3 45.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

250000

200000

150000

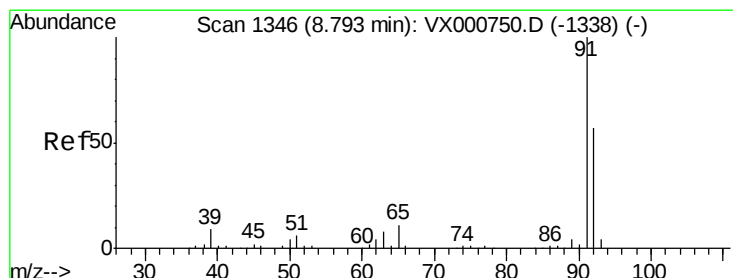
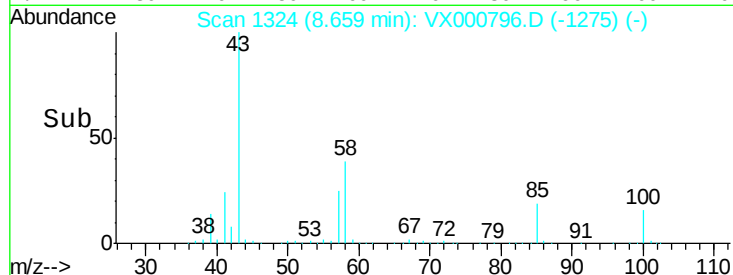
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 19.93 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000796.D

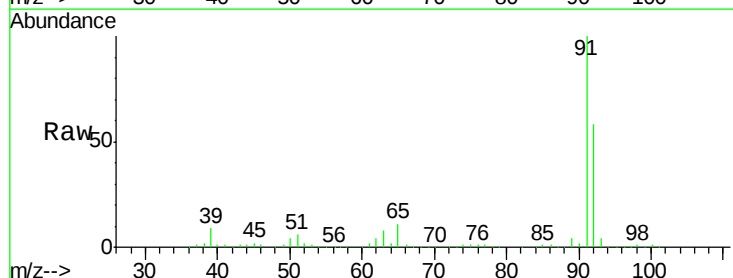
Acq: 12 Apr 2018 12:33

Tgt Ion: 92 Resp: 162597

Ion Ratio Lower Upper

92 100

91 172.3 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

150000

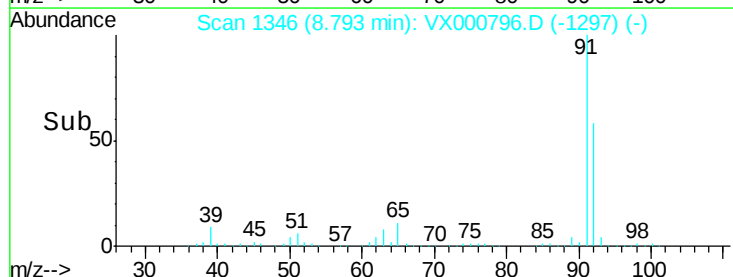
100000

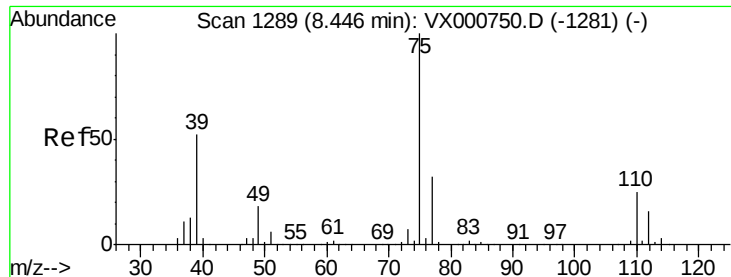
50000

0

8.70 8.80 8.90 9.00

Time-->





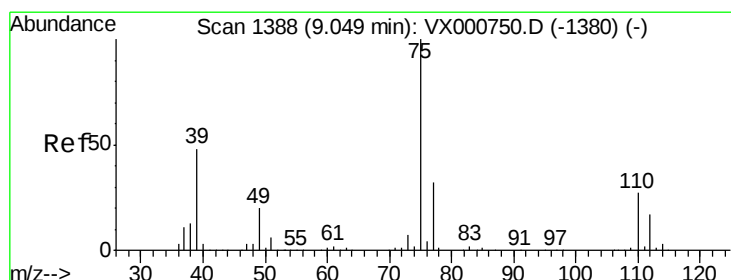
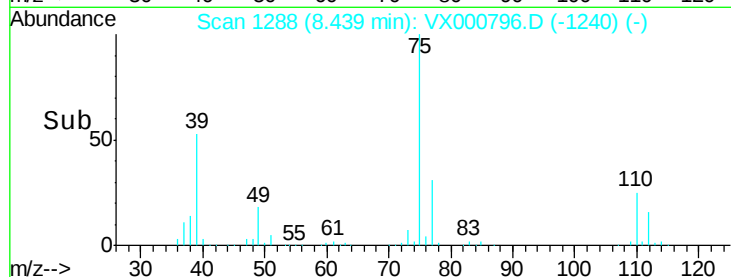
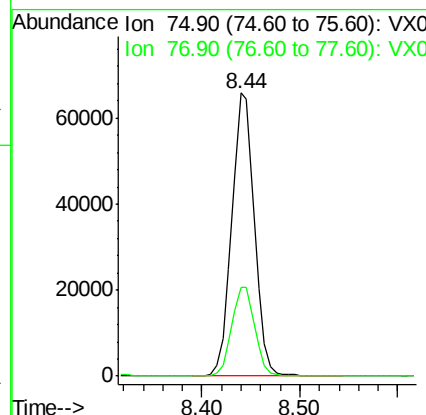
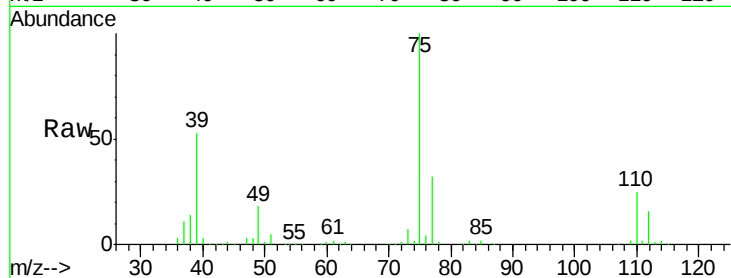
#53
t-1,3-Dichloropropene
Concen: 19.96 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion: 75 Resp: 105473
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

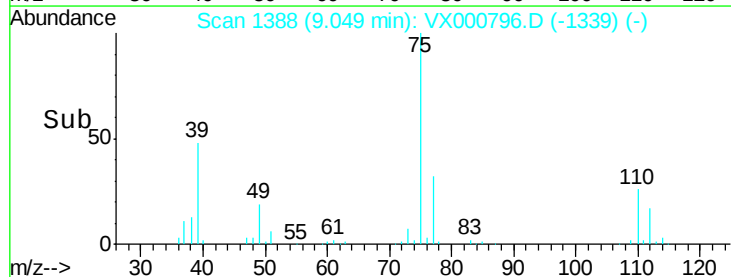
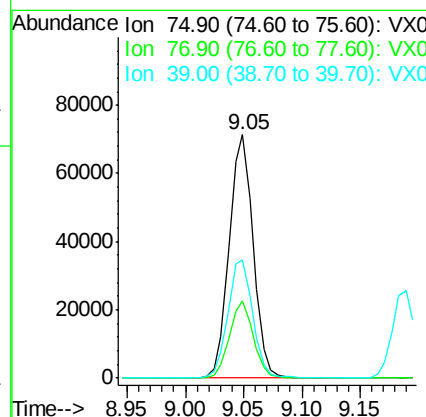
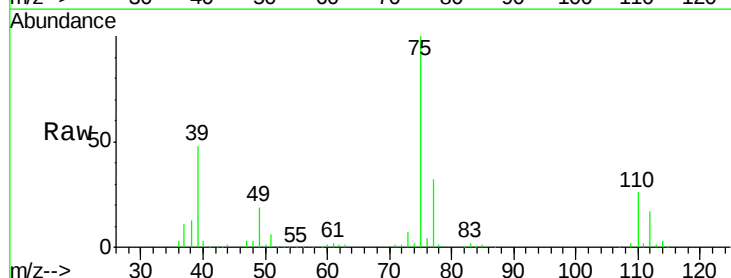
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 19.79 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 75 Resp: 101859
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 48.3 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 19.97 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

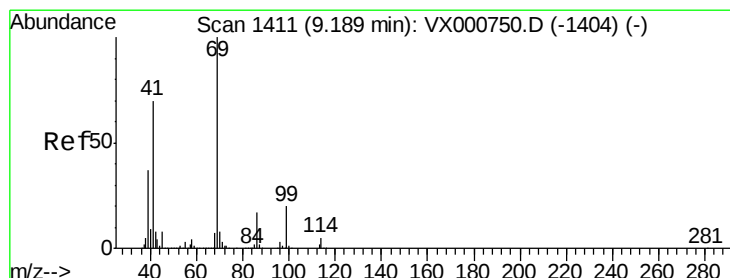
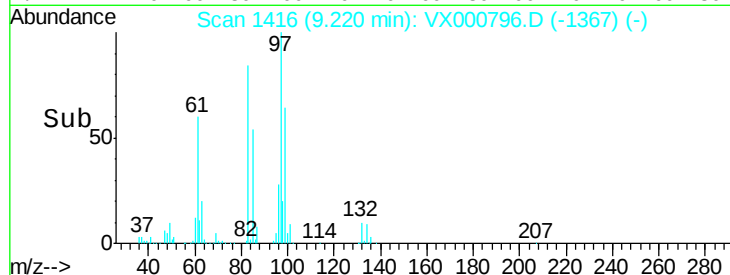
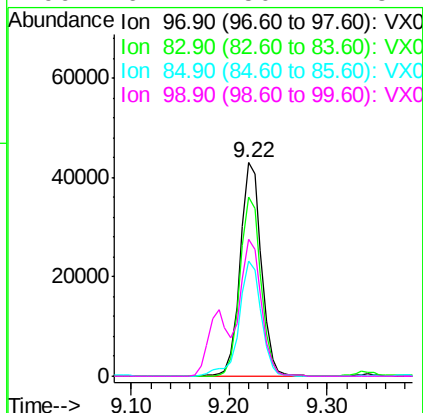
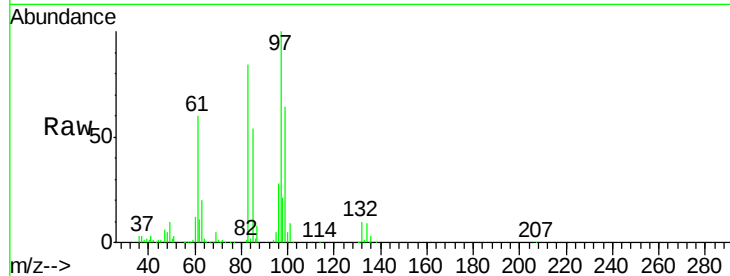
ClientSampleId :

VX0412WBS01

Tot Ion:	97	Resp:	64665
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.6	101.4
85	54.0	43.8	65.6
99	64.2	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.94 ug/l

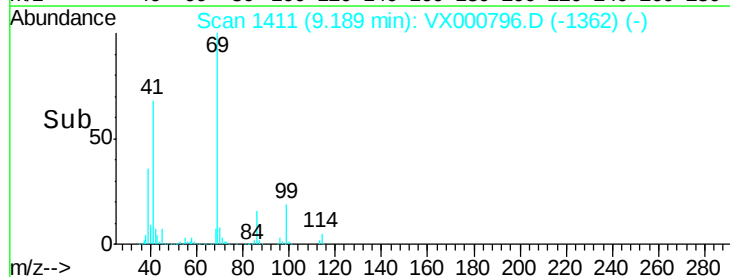
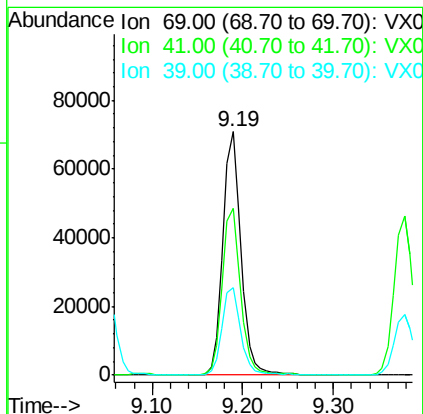
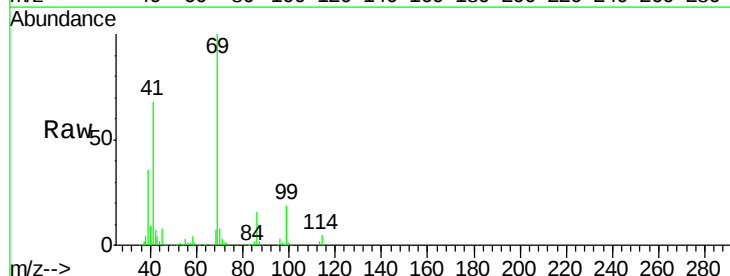
RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	69	Resp:	99648
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.6	83.4
39	36.9	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.46 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

Tot Ion: 76 Resp: 105342

Ion Ratio Lower Upper

76 100

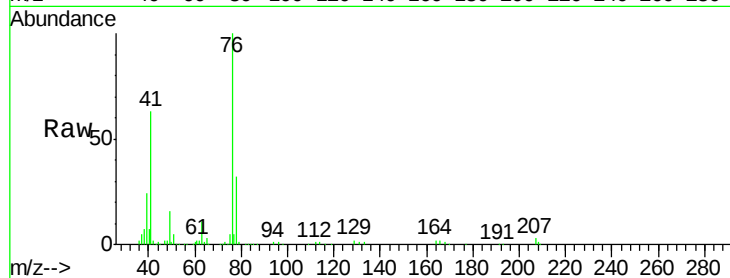
78 32.6 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

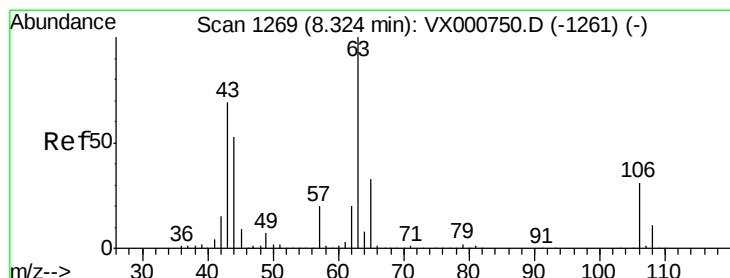
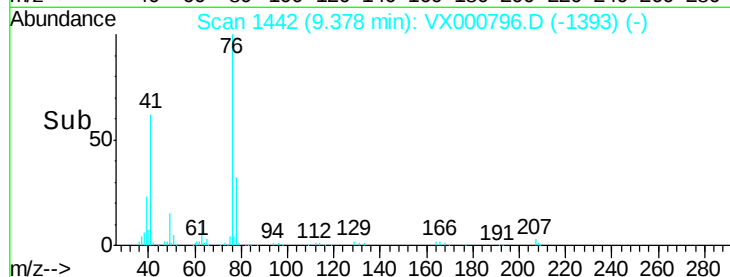
40000

20000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 75.75 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000796.D

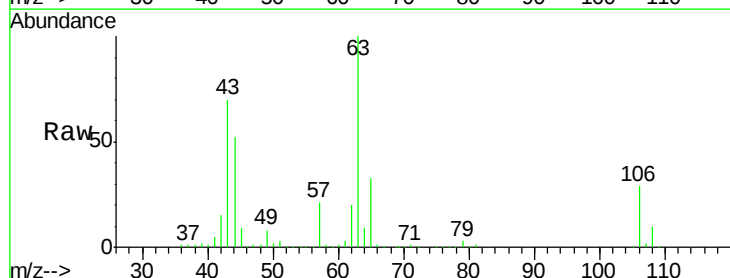
Acq: 12 Apr 2018 12:33

Tgt Ion: 63 Resp: 176832

Ion Ratio Lower Upper

63 100

106 30.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

60000

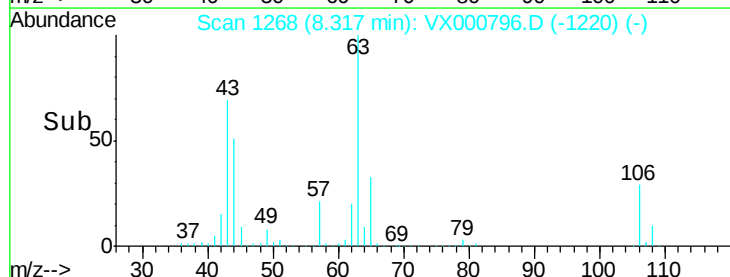
40000

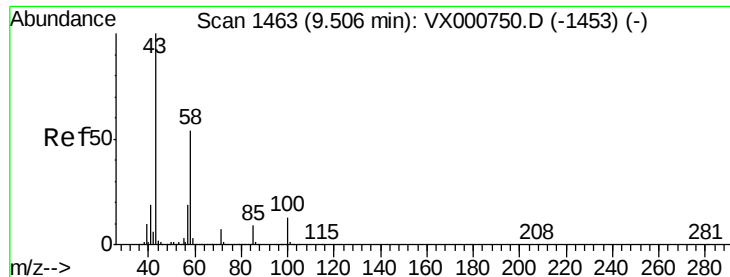
20000

0

8.20 8.30 8.40

Time-->





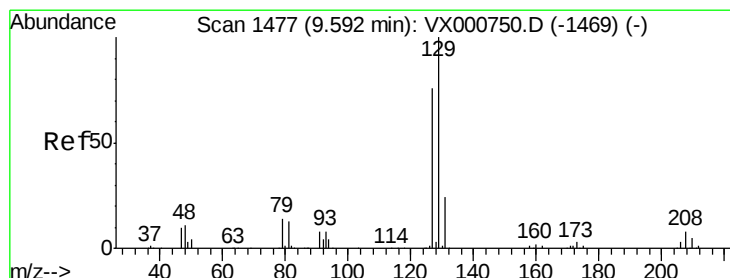
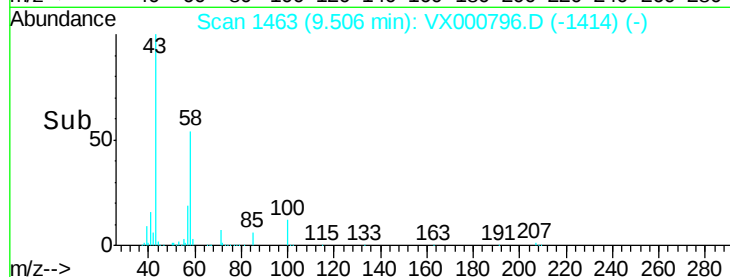
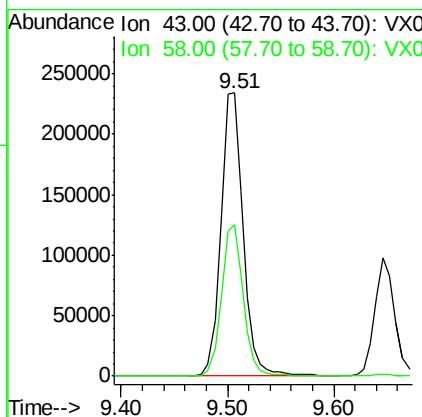
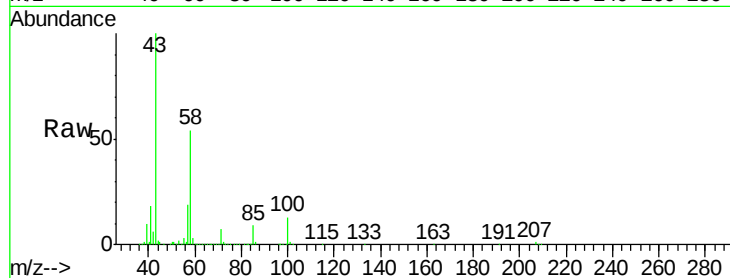
#59
2-Hexanone
Concen: 101.38 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampled :
VX0412WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.5	79.5

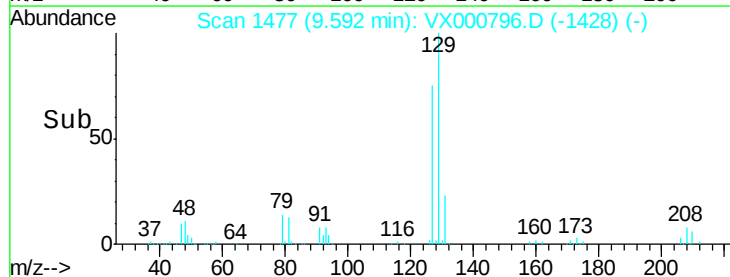
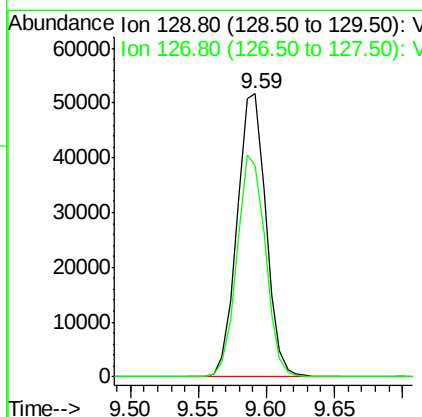
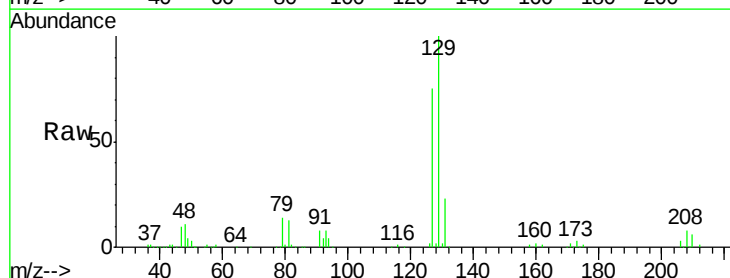
Manual Integrations
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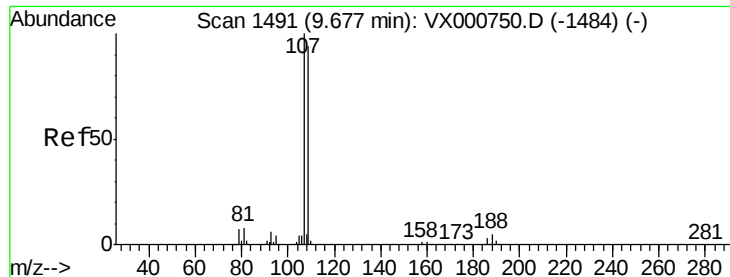
apatel
4/13/2018 2:57:51 PM



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.1





#61

1,2-Dibromoethane

Concen: 19.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion:107 Resp: 68490

Ion Ratio Lower Upper

107 100

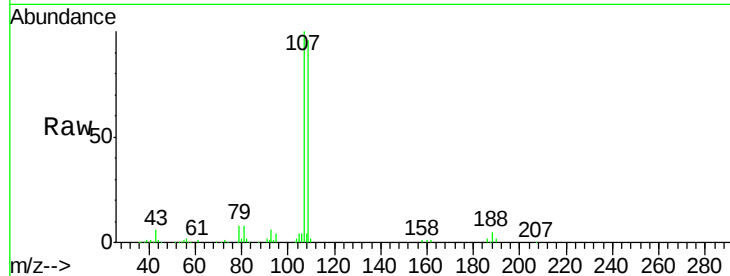
109 95.9 76.2 114.4

Manual Integrations

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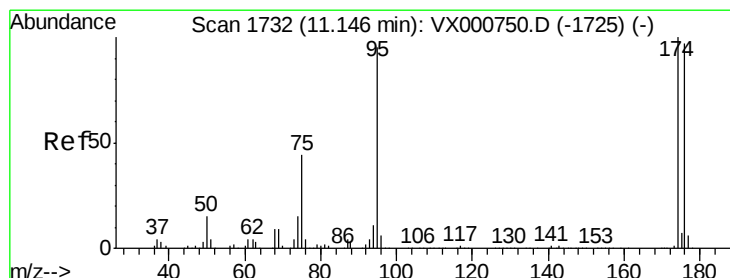
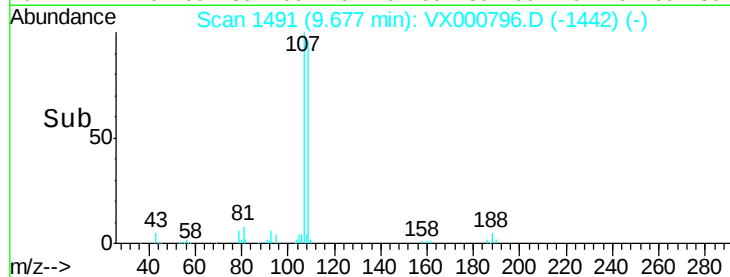
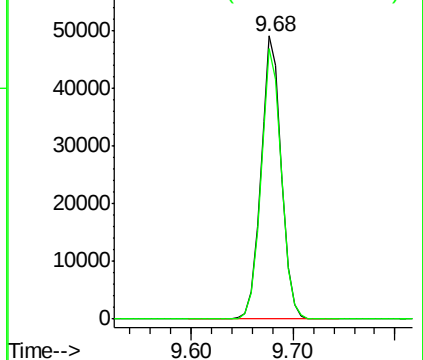
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

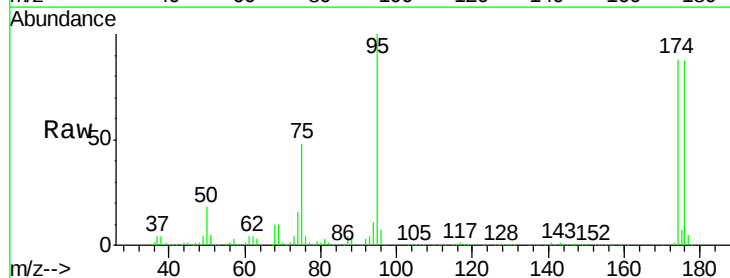
Tgt Ion: 95 Resp: 221339

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

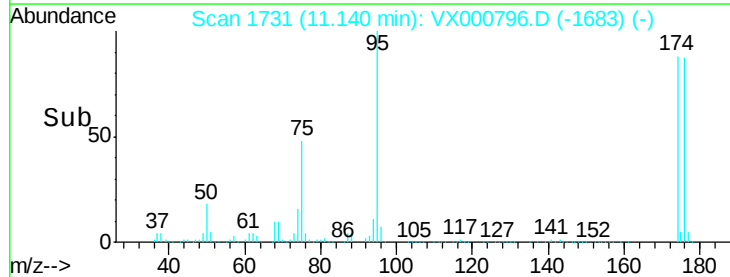
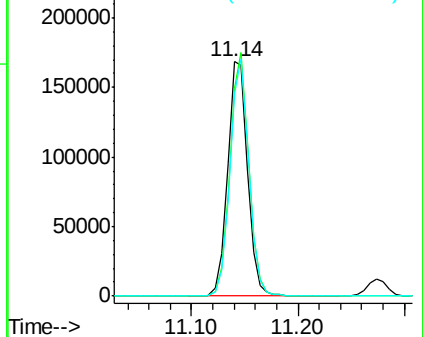
176 95.7 0.0 194.4

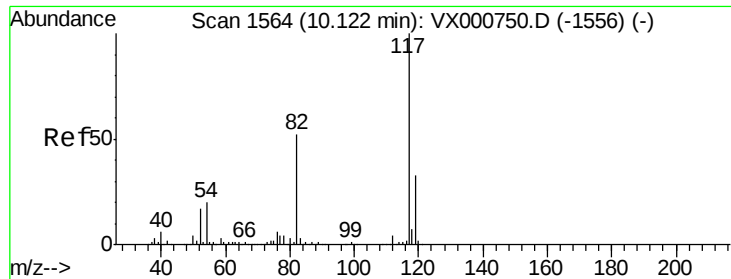


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





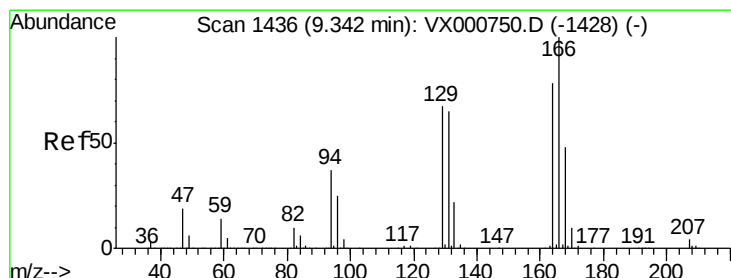
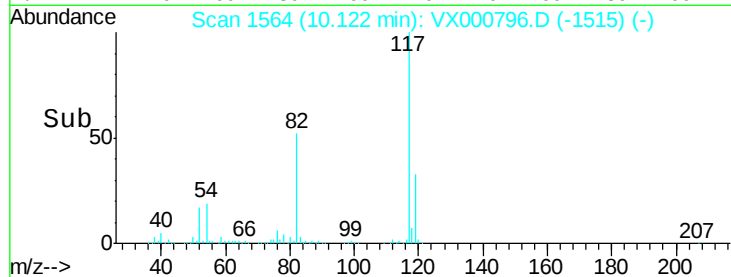
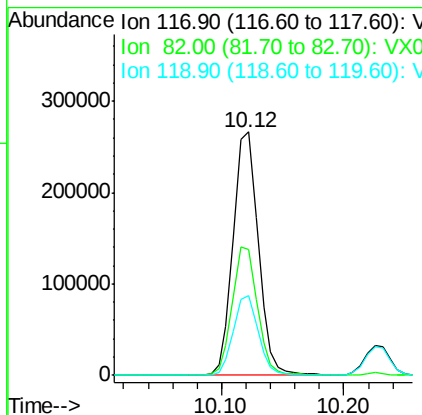
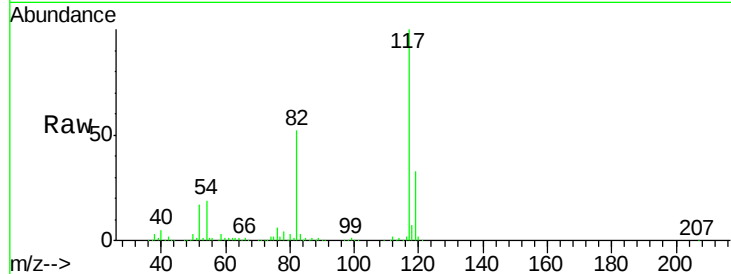
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380607		
82	51.7	41.9	62.9	
119	32.8	26.0	39.0	

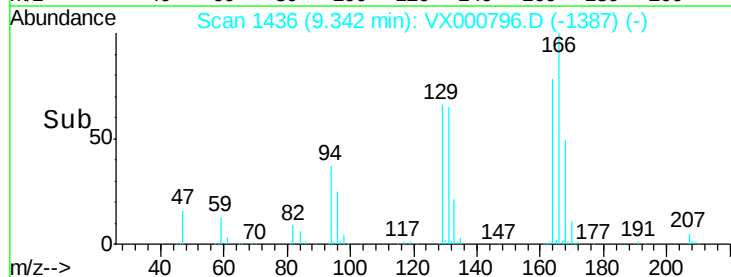
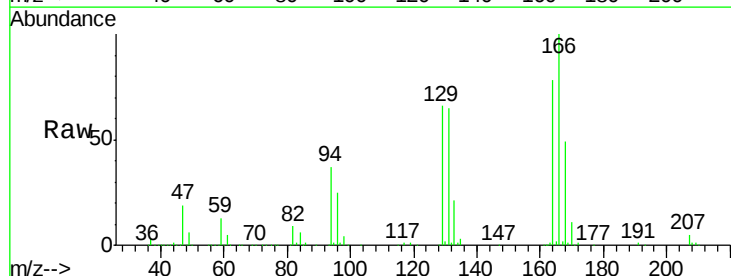
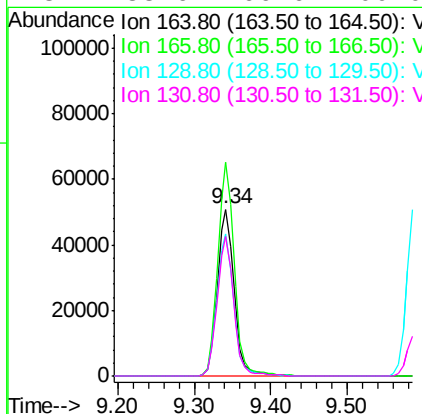
Manual Integrations
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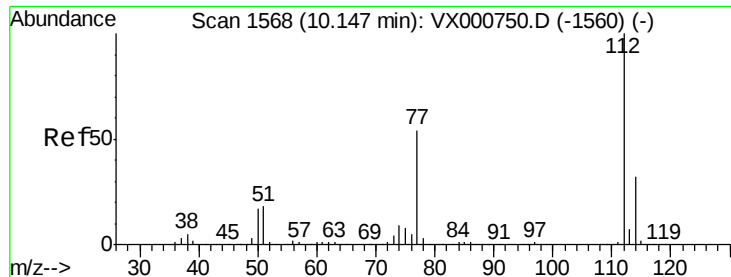
apatel
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#64
Tetrachloroethene
Concen: 20.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76899		
166	128.3	102.8	154.2	
129	85.0	68.5	102.7	
131	83.6	66.6	100.0	





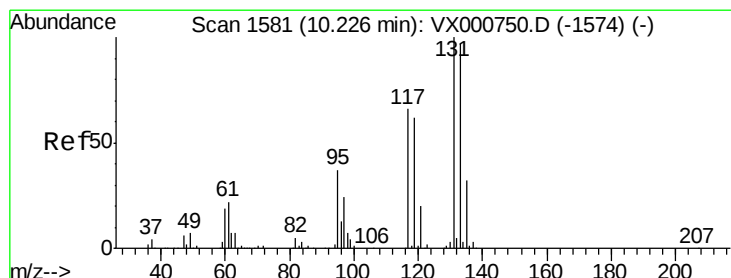
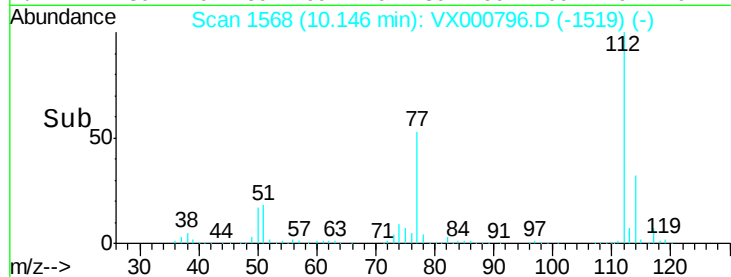
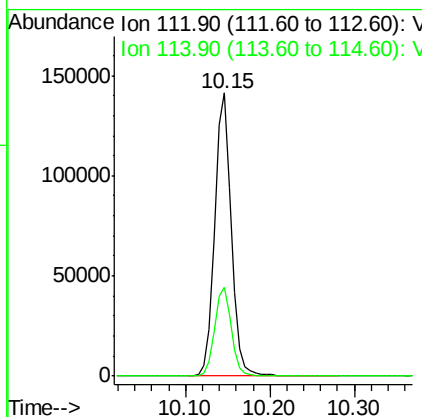
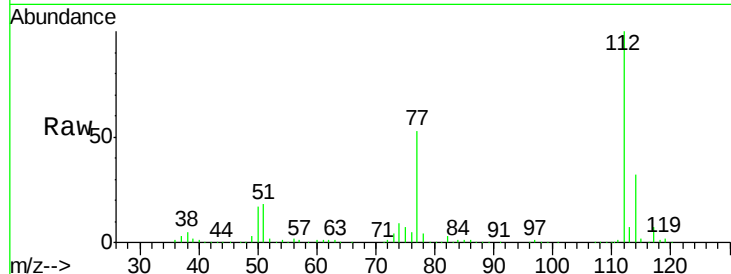
#65
Chlorobenzene
Concen: 20.16 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion:112 Resp: 192979
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

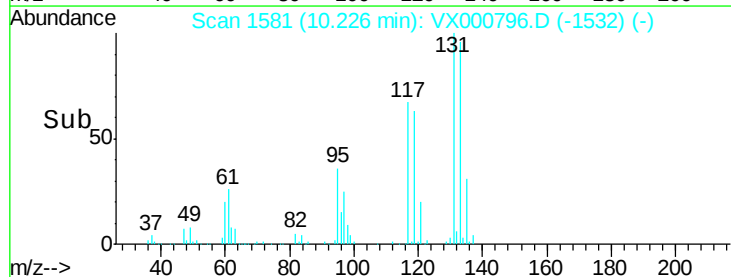
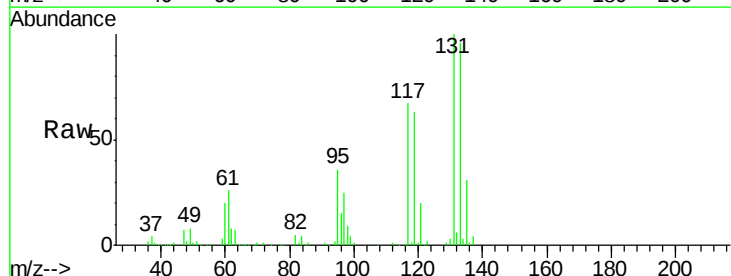
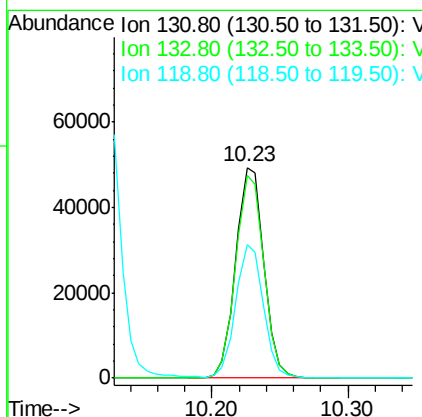
Manual Integrations
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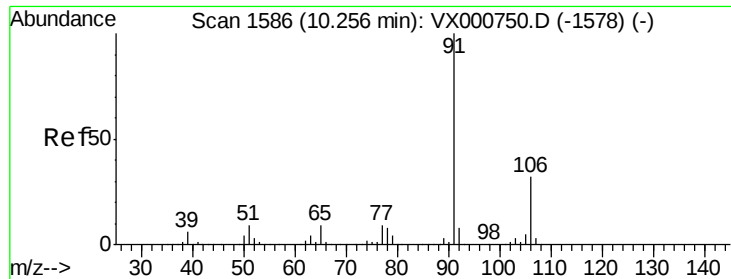
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:131 Resp: 71206
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 62.5 31.4 94.0





#67

Ethyl Benzene

Concen: 19.95 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 91 Resp: 318475

Ion Ratio Lower Upper

91 100

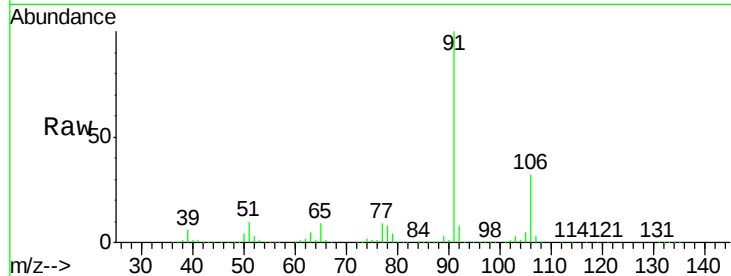
106 31.7 25.4 38.0

Manual Integrations

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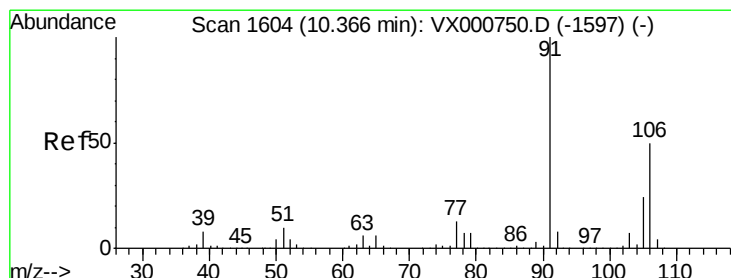
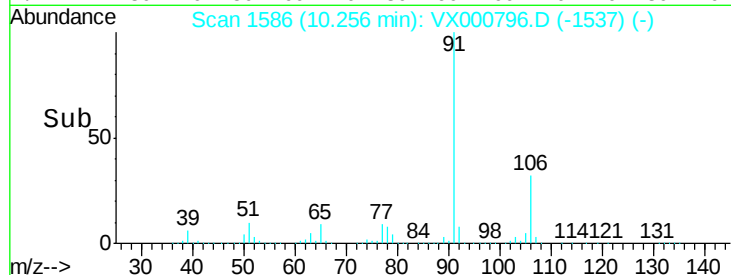
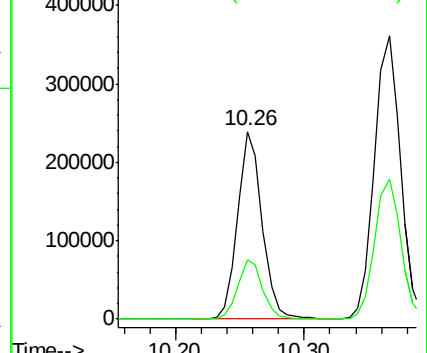
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.03 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000796.D

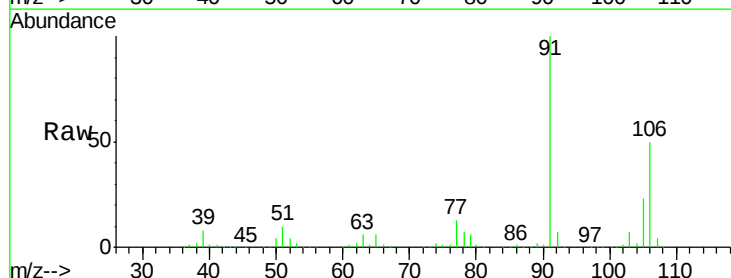
Acq: 12 Apr 2018 12:33

Tgt Ion: 106 Resp: 252236

Ion Ratio Lower Upper

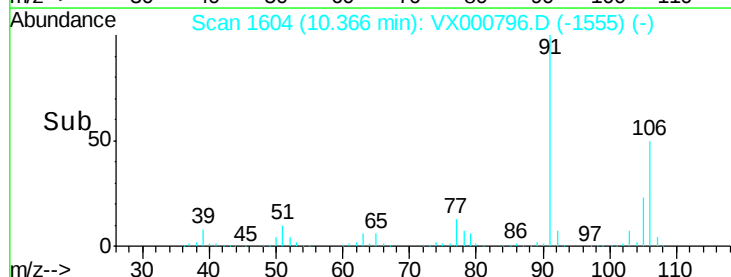
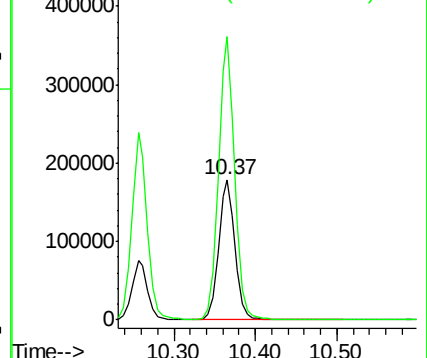
106 100

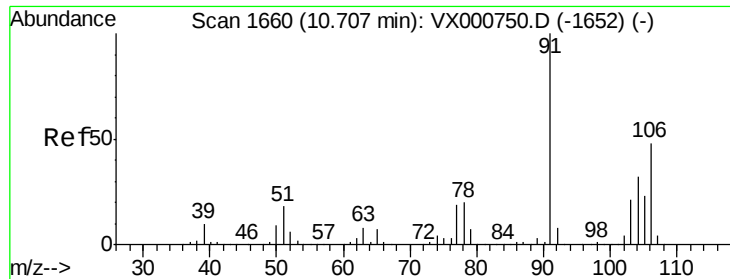
91 200.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





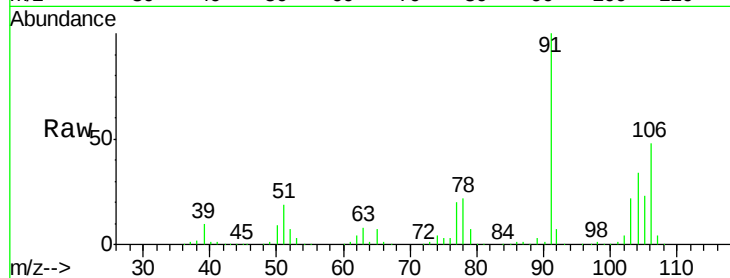
#69
o-Xylene
Concen: 20.21 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

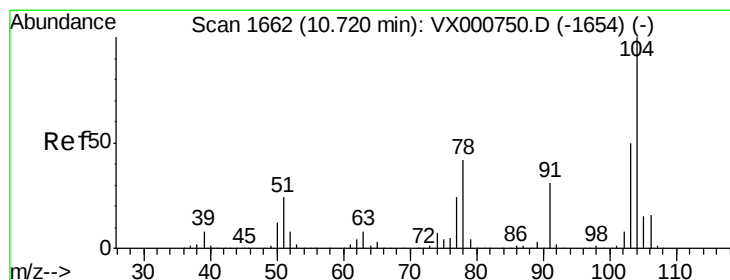
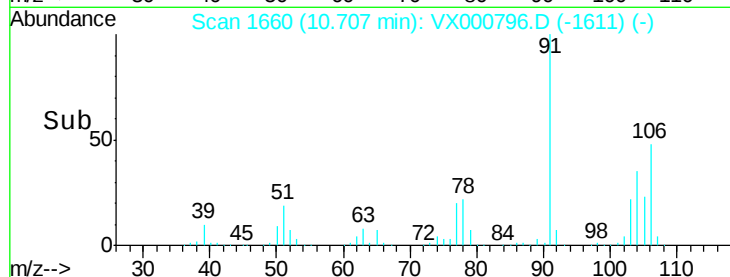
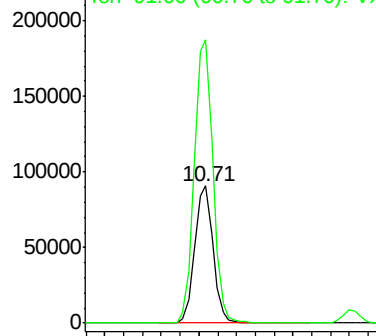
Tot Ion:106 Resp: 122723
Ion Ratio Lower Upper
106 100
91 210.1 105.0 315.0

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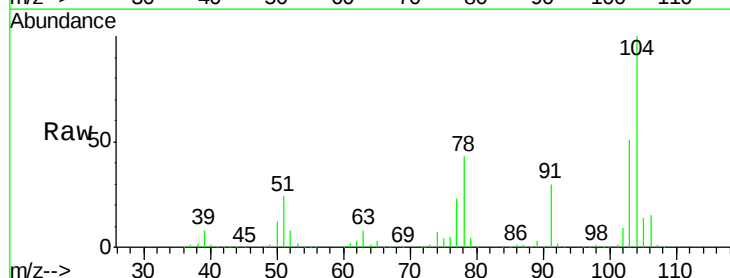


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

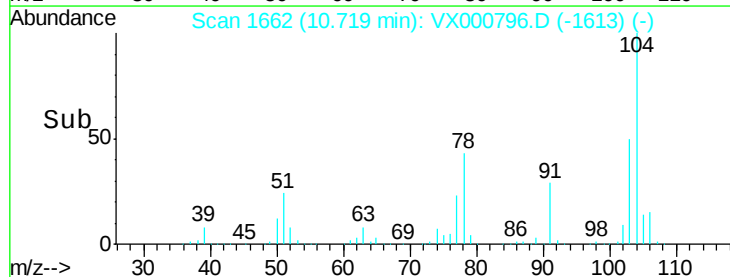
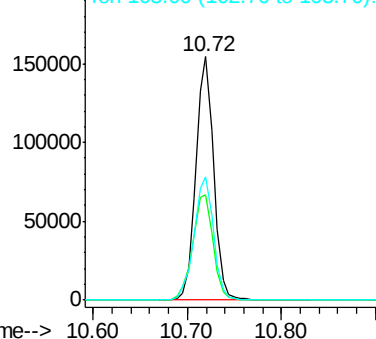


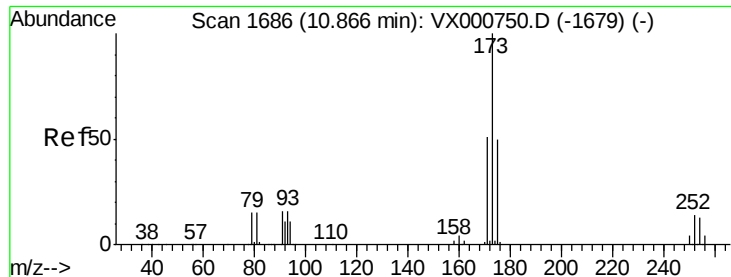
#70
Styrene
Concen: 19.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:104 Resp: 202177
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 56.0 44.1 66.1



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





#71

Bromoform

Concen: 19.15 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

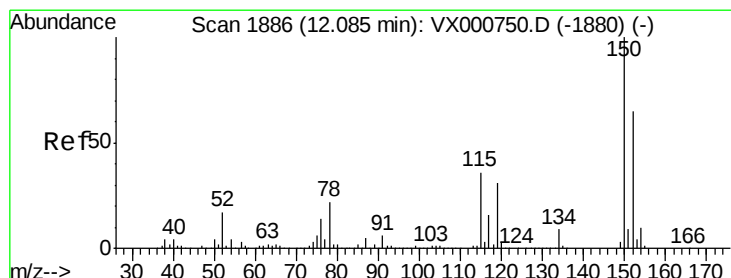
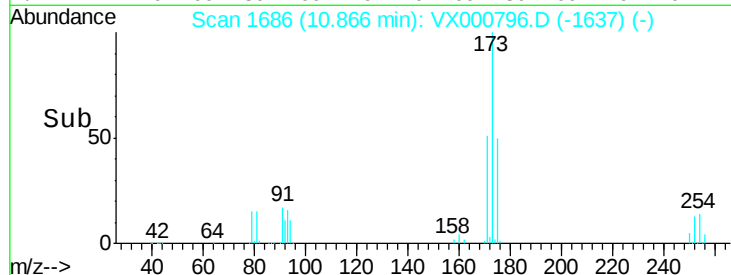
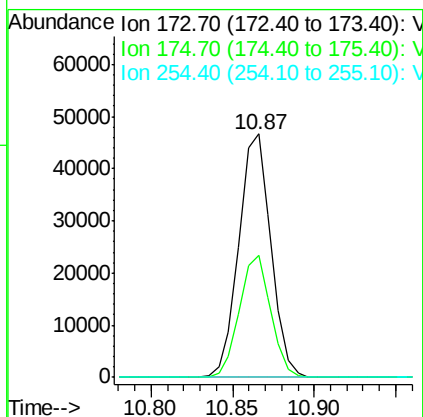
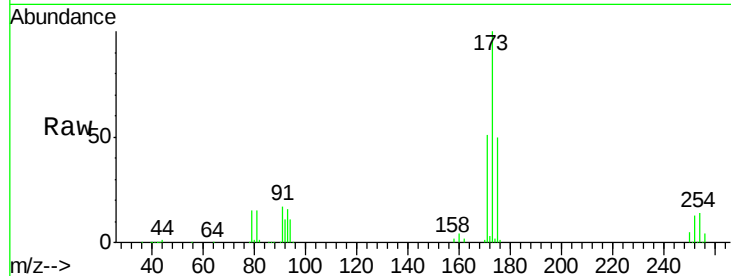
ClientSampleId :

VX0412WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

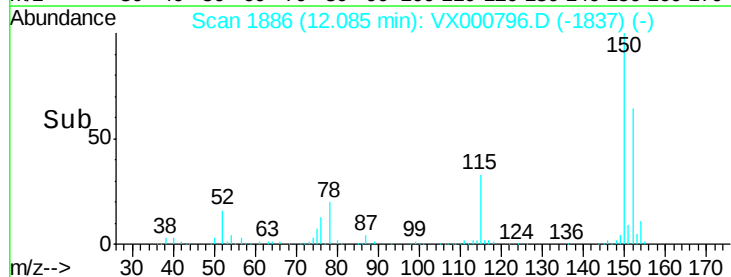
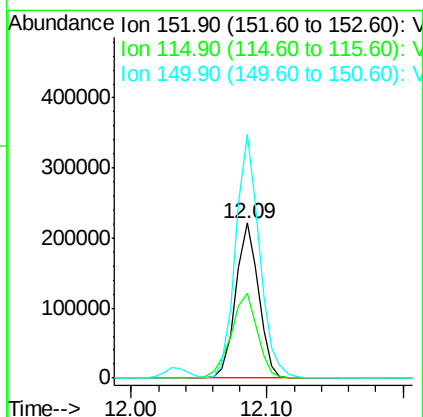
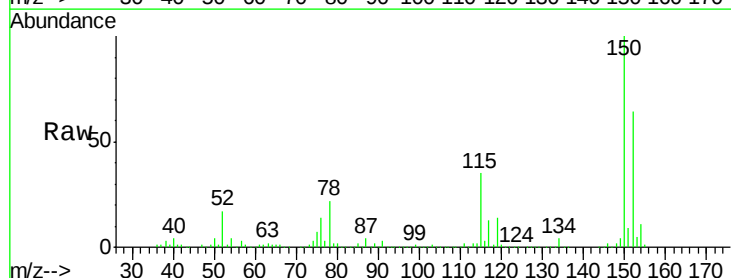
RT: 12.09 min Scan# 1886

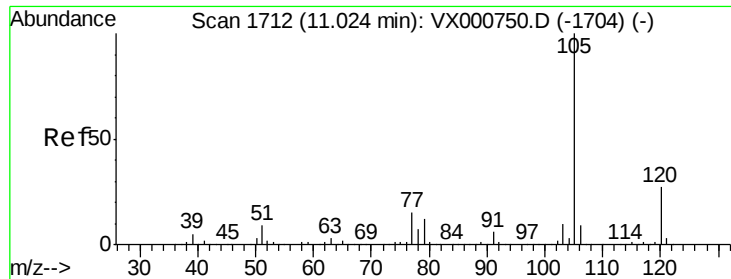
Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	37.9	113.7
150	164.1	0.0	348.0





#73

Isopropylbenzene

Concen: 20.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 105 Resp: 335854

Ion Ratio Lower Upper

105 100

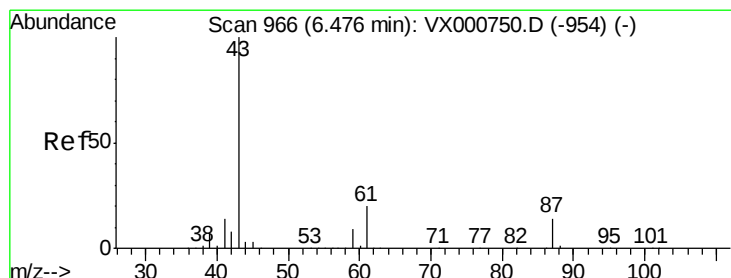
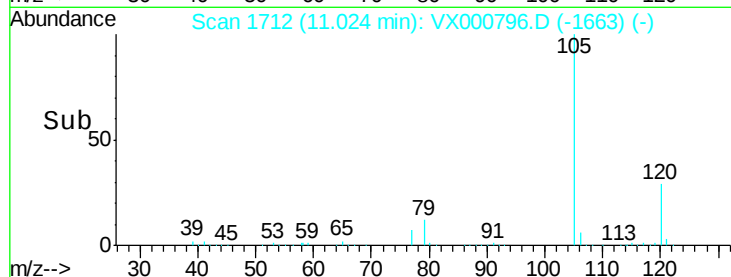
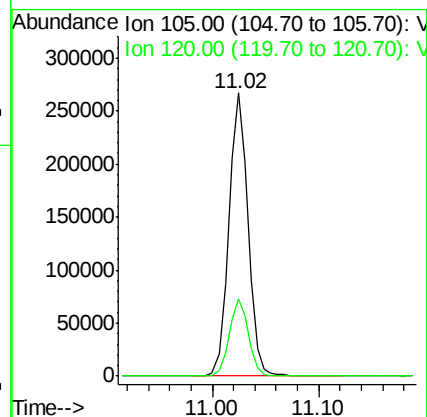
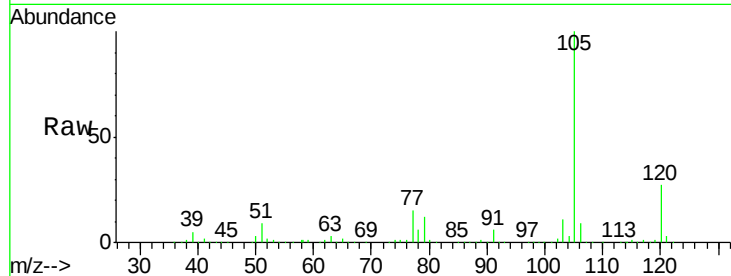
120 27.1 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion: 43 Resp: 145990

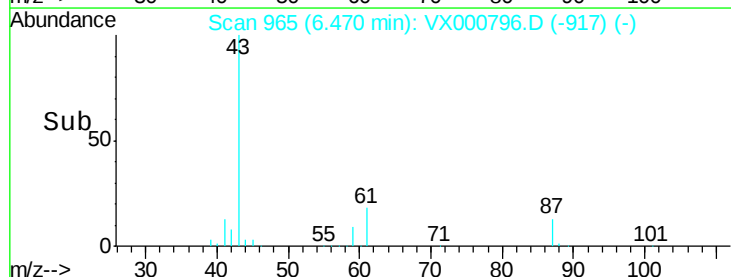
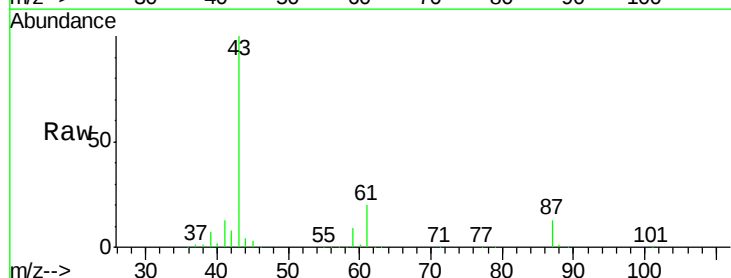
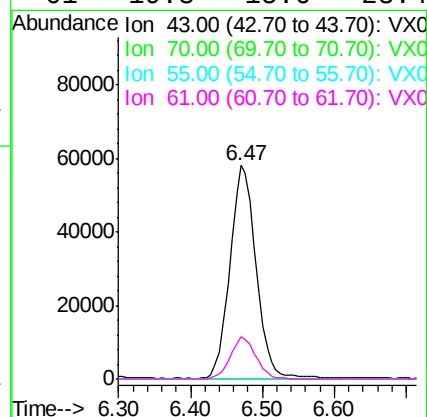
Ion Ratio Lower Upper

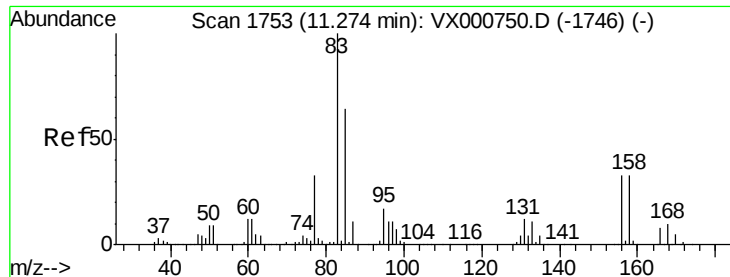
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.3 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

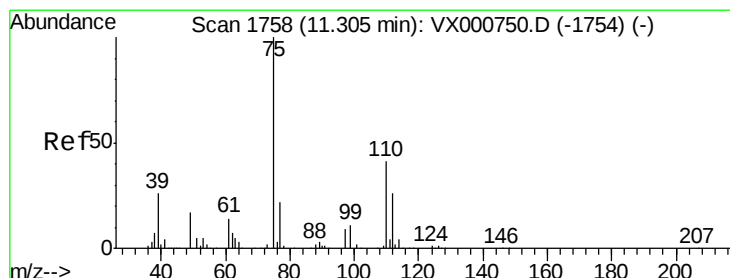
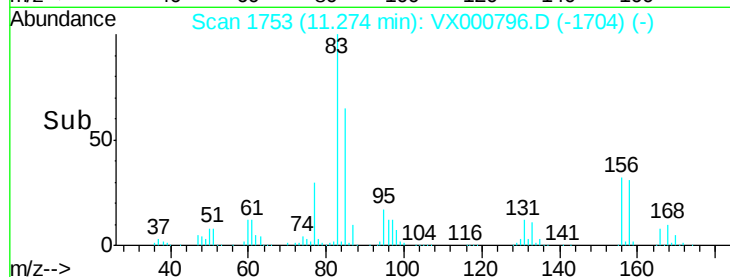
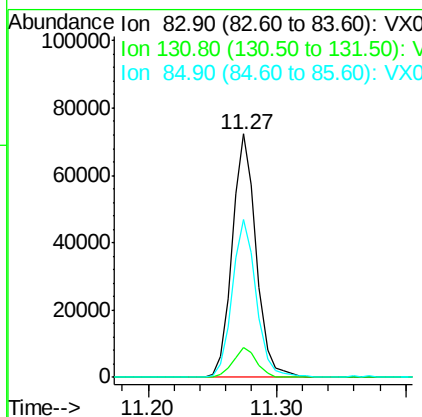
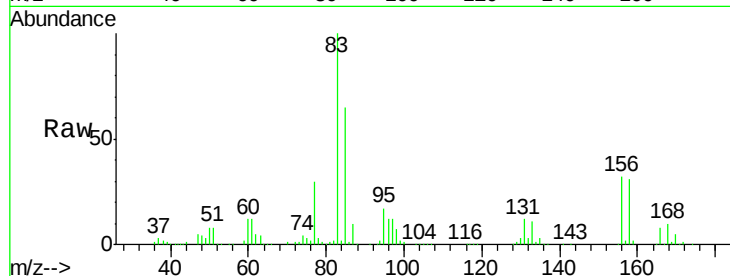
ClientSampleId :

VX0412WBS01

Tot Ion:	83	Resp:	93948
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.0	18.0
85	65.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.32 ug/l m

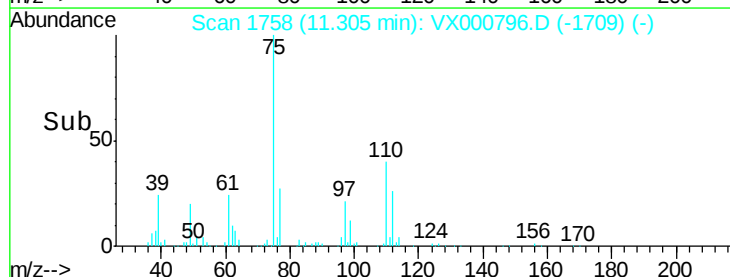
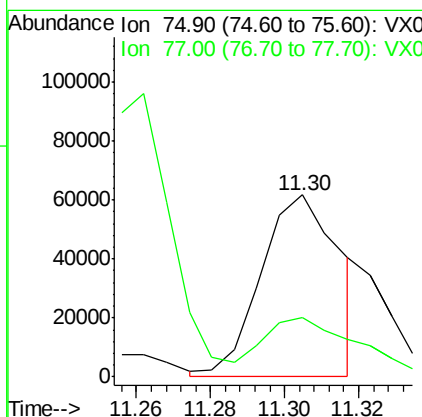
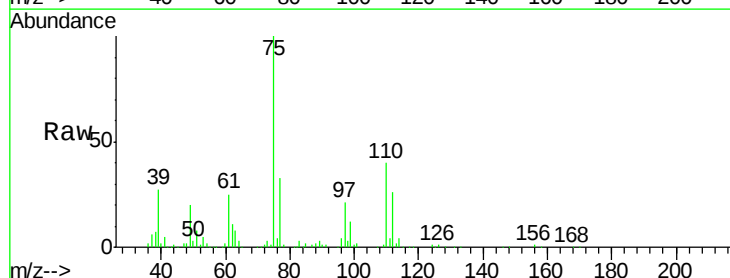
RT: 11.30 min Scan# 1758

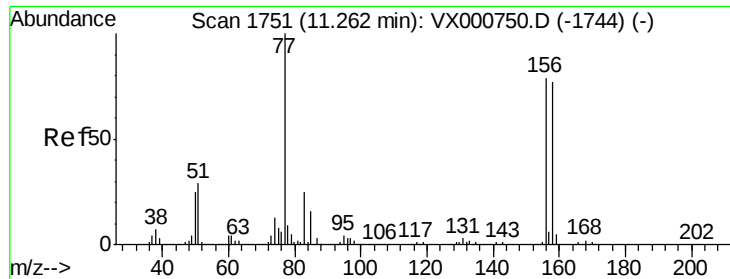
Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	75	Resp:	90588
Ion Ratio	Lower	Upper	
75	100		
77	39.1	20.5	61.5





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

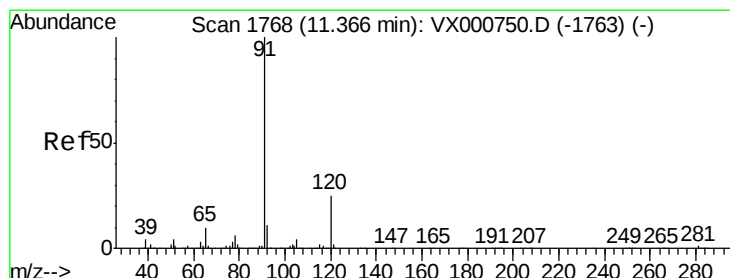
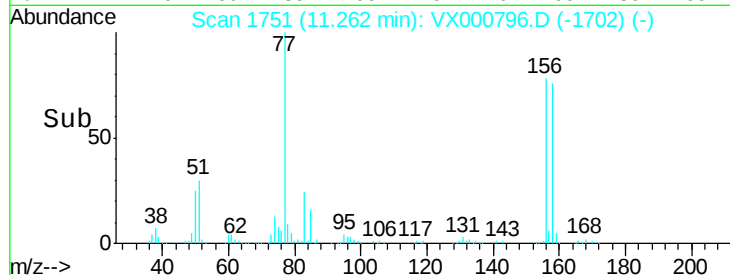
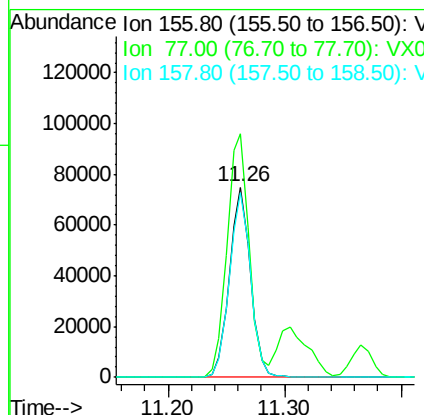
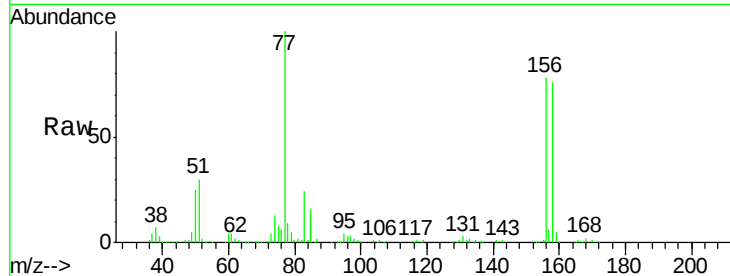
ClientSampleId :

VX0412WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.3	66.0	198.2
158	98.0	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.32 ug/l

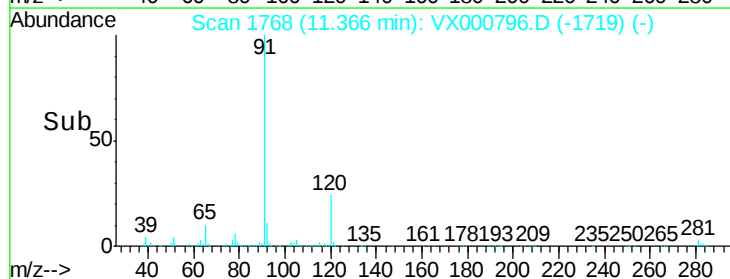
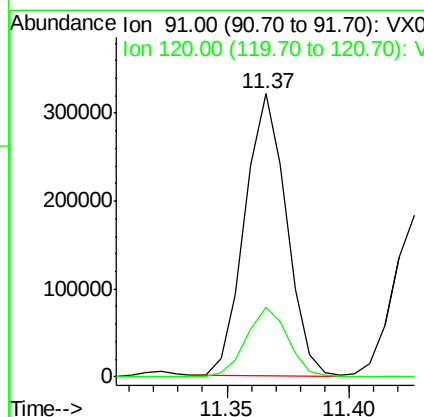
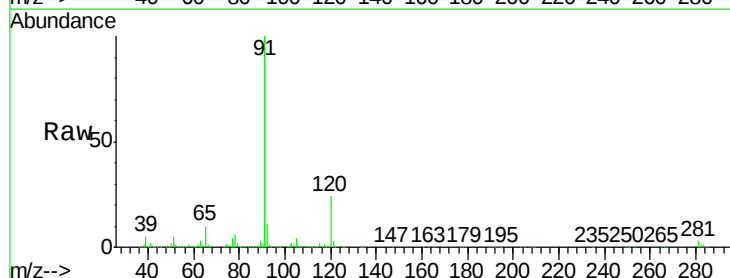
RT: 11.37 min Scan# 1768

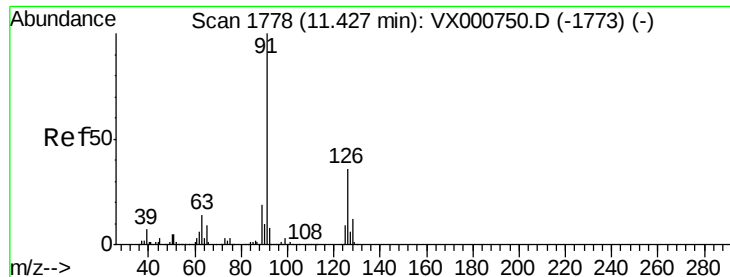
Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.6	37.6





#79

2-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 91 Resp: 223775

Ion Ratio Lower Upper

91 100

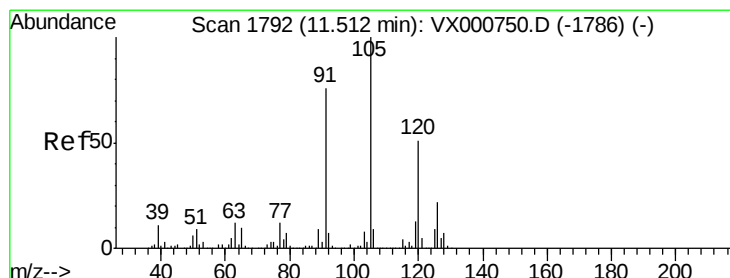
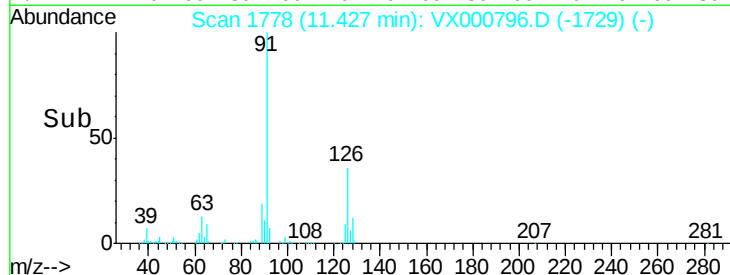
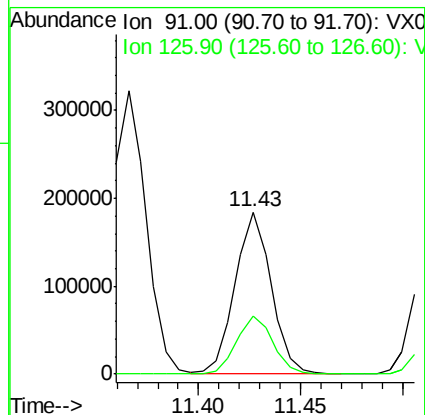
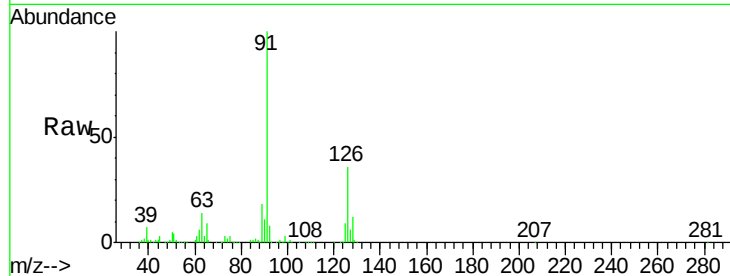
126 36.6 18.3 54.9

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#80

1,3,5-Trimethylbenzene

Concen: 20.15 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000796.D

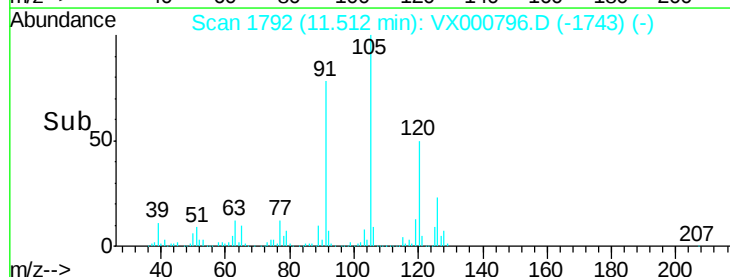
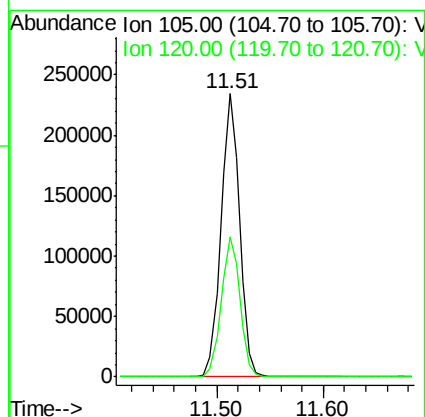
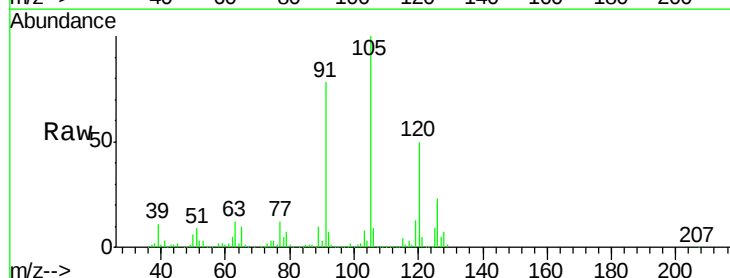
Acq: 12 Apr 2018 12:33

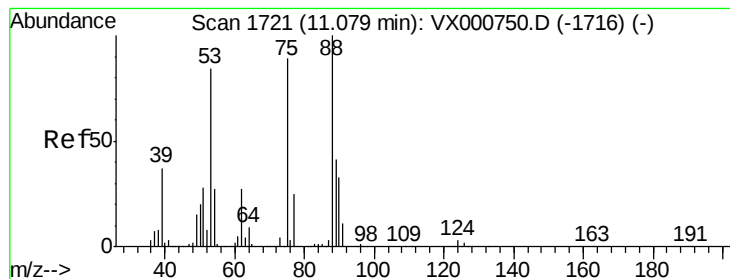
Tgt Ion: 105 Resp: 284311

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.51 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion: 75 Resp: 30012

Ion Ratio Lower Upper

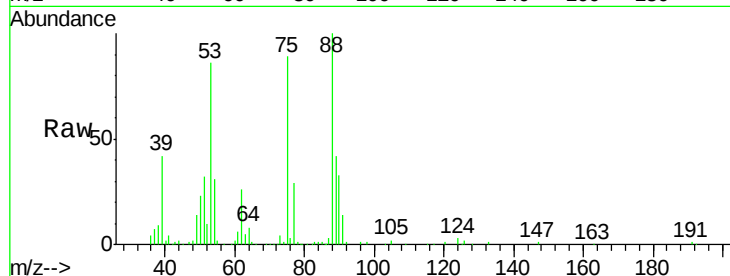
75 100

53 98.6 75.4 113.0

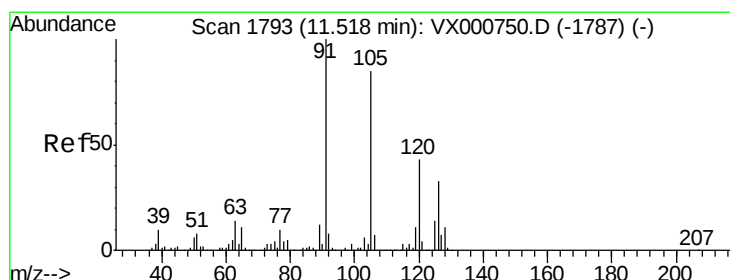
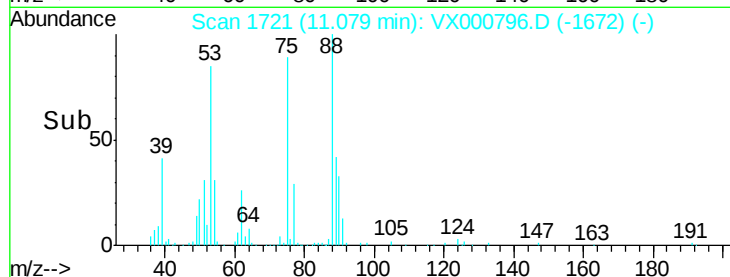
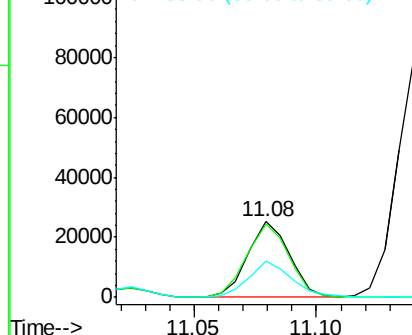
89 50.2 40.9 61.3

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.01 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000796.D

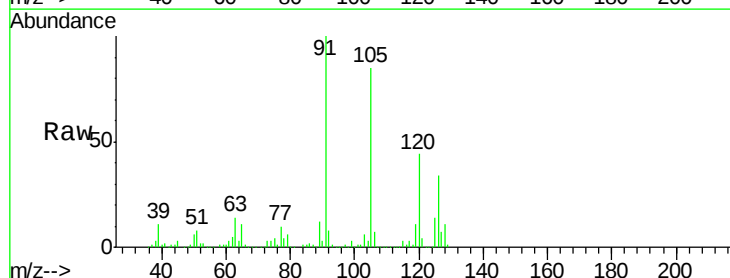
Acq: 12 Apr 2018 12:33

Tgt Ion: 91 Resp: 267830

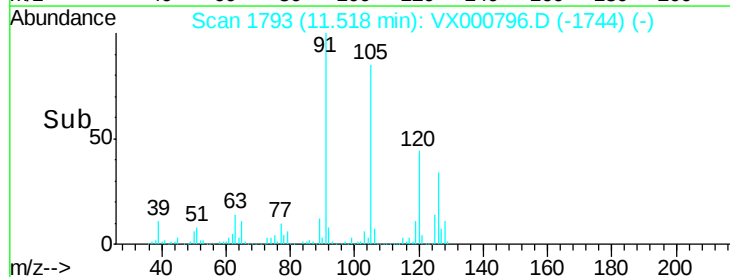
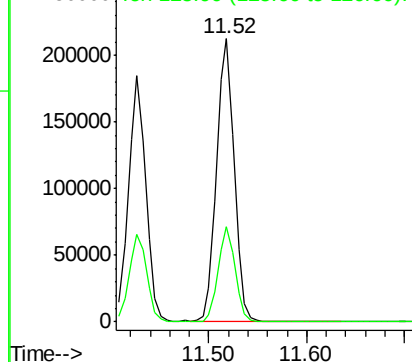
Ion Ratio Lower Upper

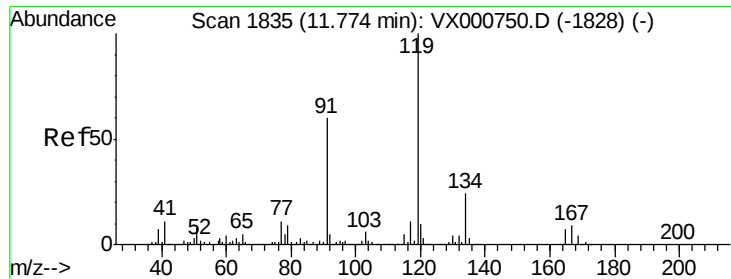
91 100

126 32.4 16.2 48.6



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





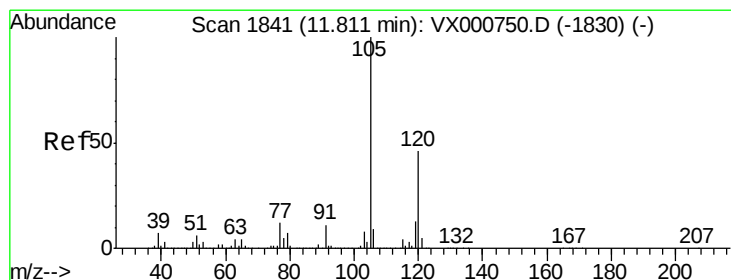
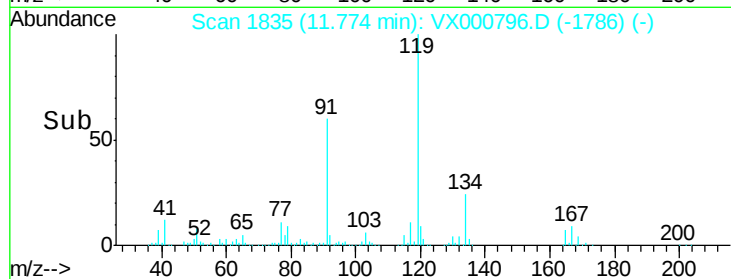
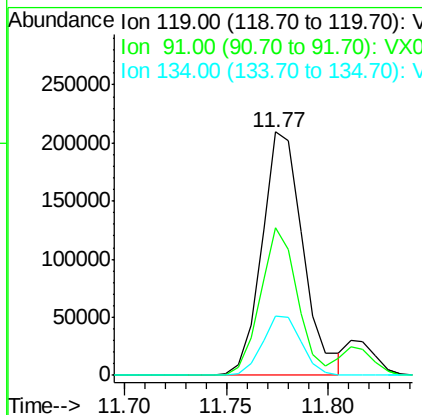
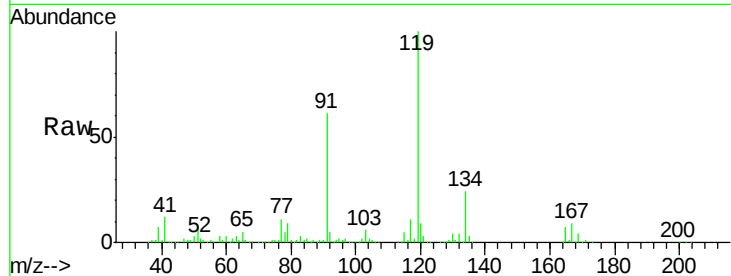
#83
tert-Butylbenzene
Concen: 20.35 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	293632		
91	54.4	26.8	80.3	
134	23.2	11.5	34.4	

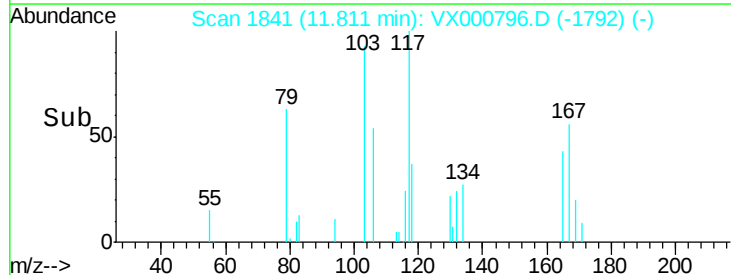
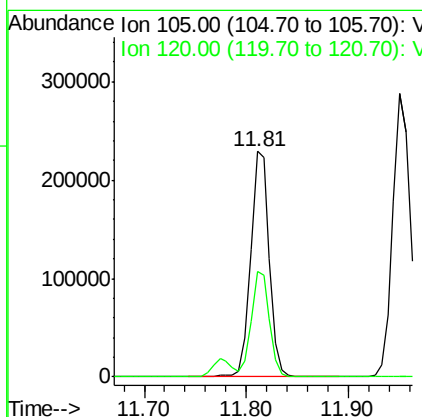
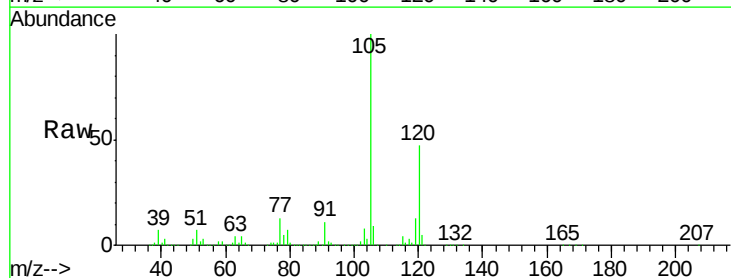
Manual Integrations
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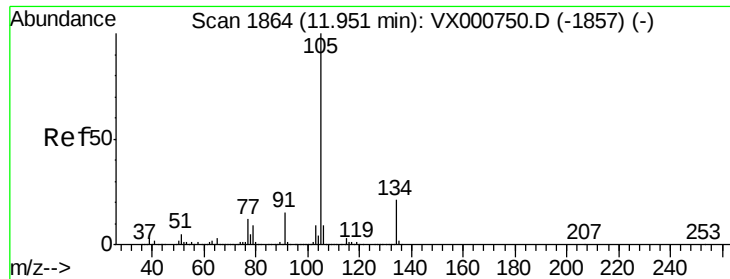
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#84
1,2,4-Trimethylbenzene
Concen: 20.03 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291740		
120	45.7	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.47 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tot Ion:105 Resp: 348569

Ion Ratio Lower Upper

105 100

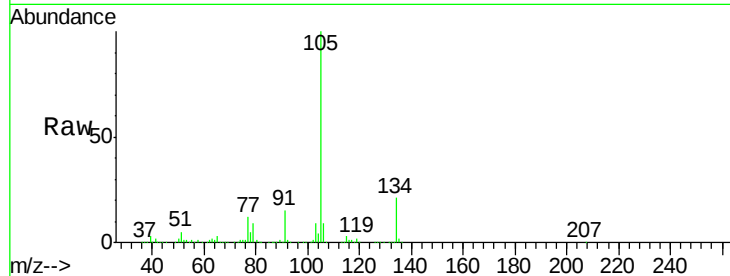
134 21.3 10.8 32.4

Manual Integrations

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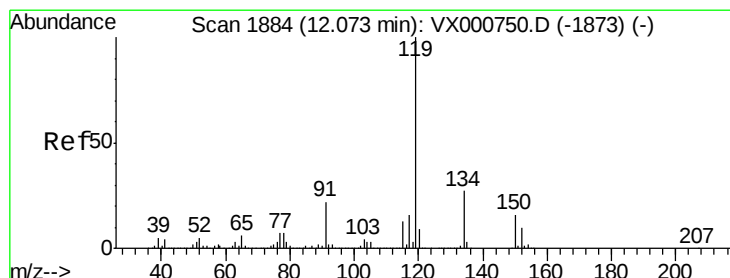
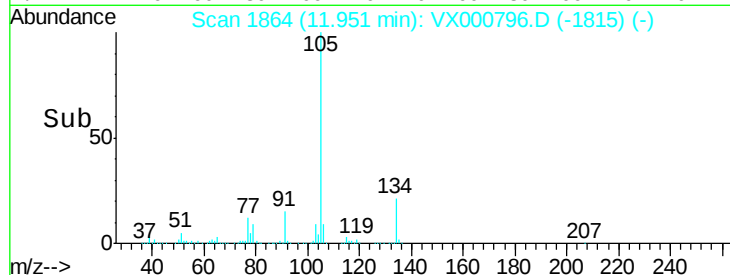
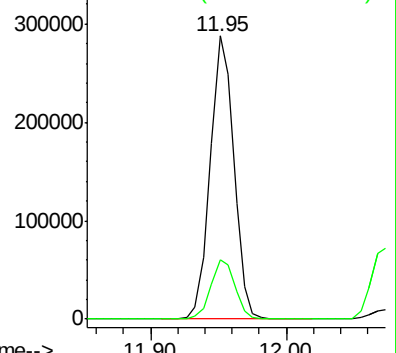
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.51 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

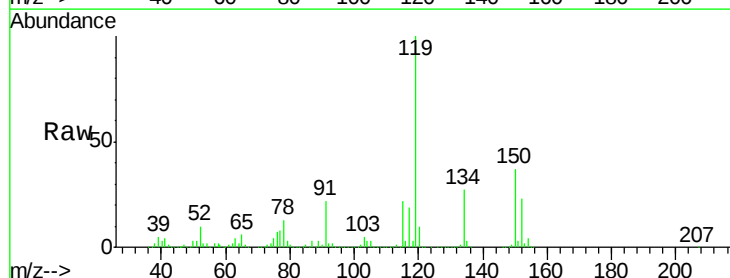
Tgt Ion:119 Resp: 325674

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

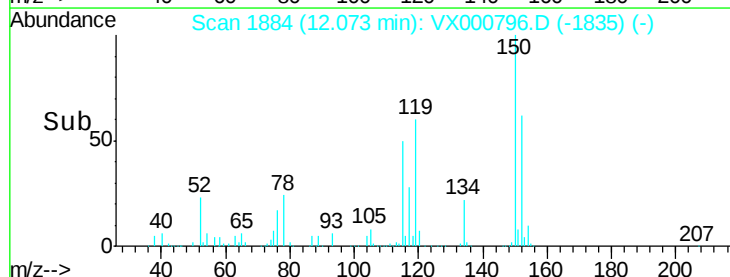
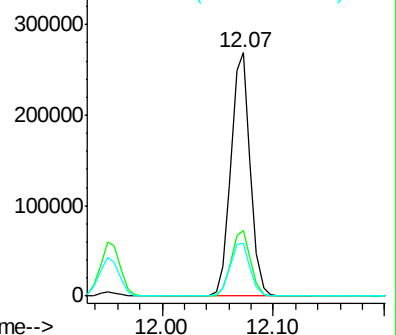
91 22.5 11.2 33.5

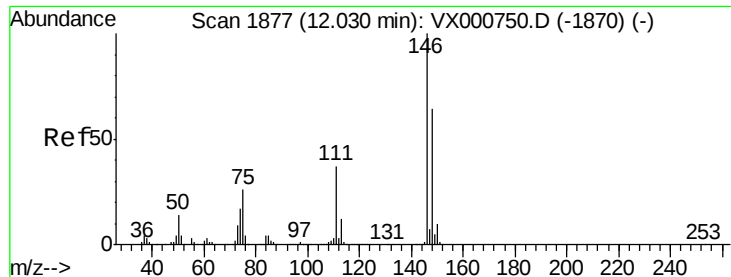


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





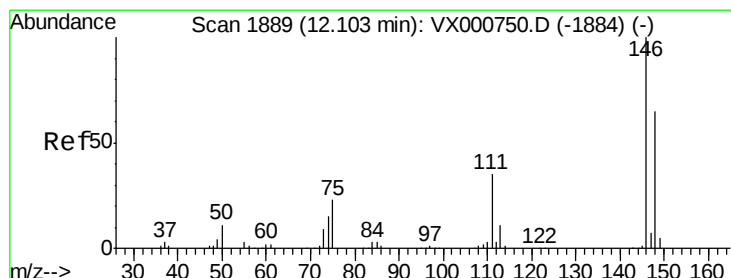
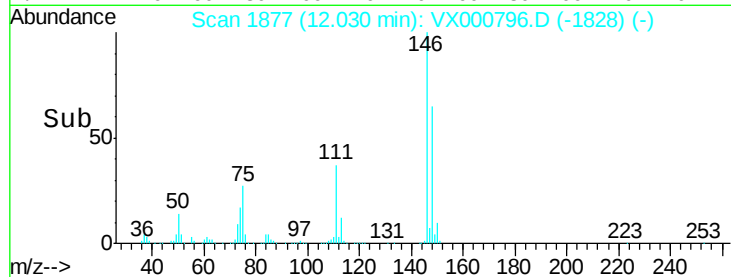
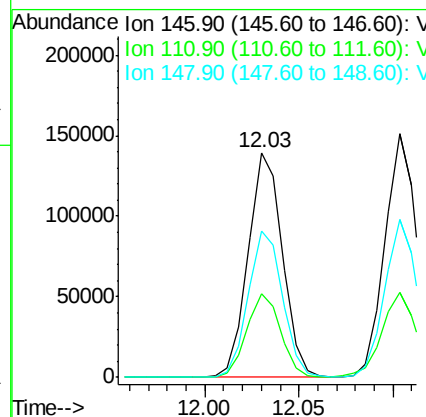
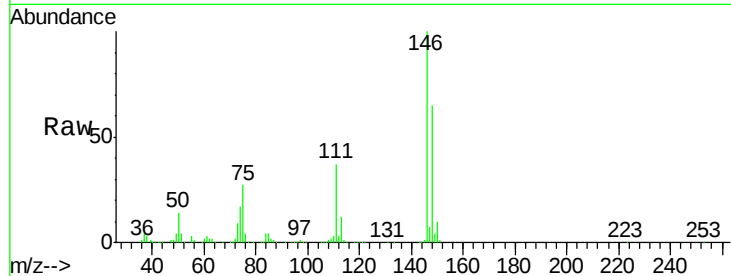
#87
 1,3-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.8
148	65.0	32.2	96.6

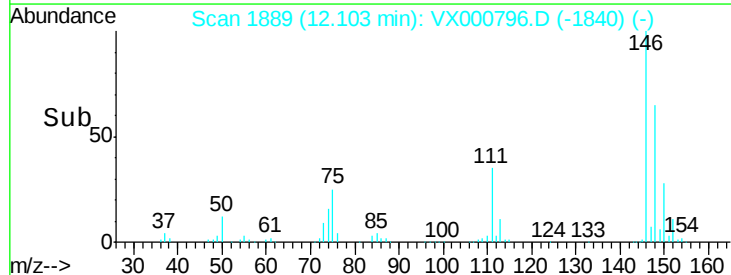
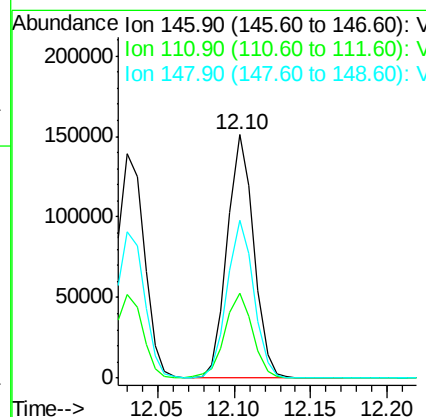
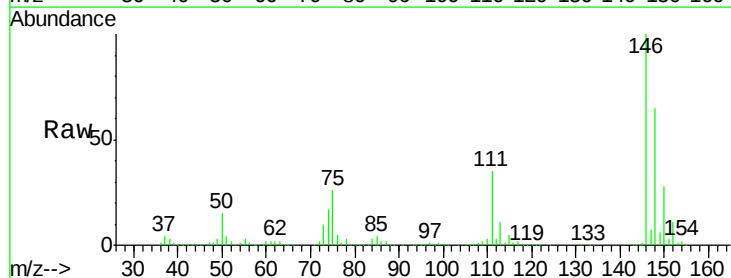
Manual Integrations
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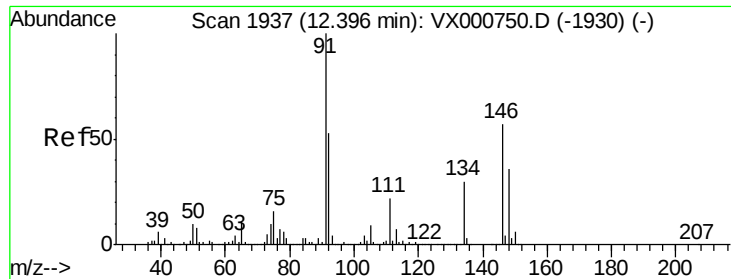
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#88
 1,4-Dichlorobenzene
 Concen: 19.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.8
148	65.3	32.6	97.7





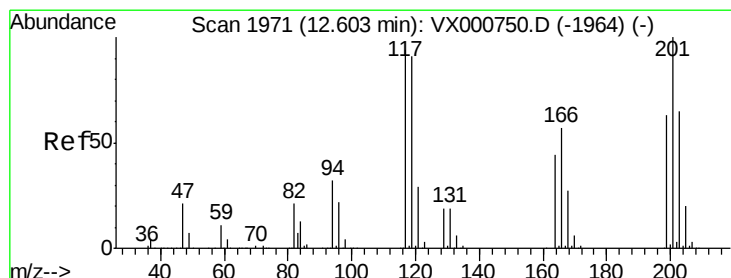
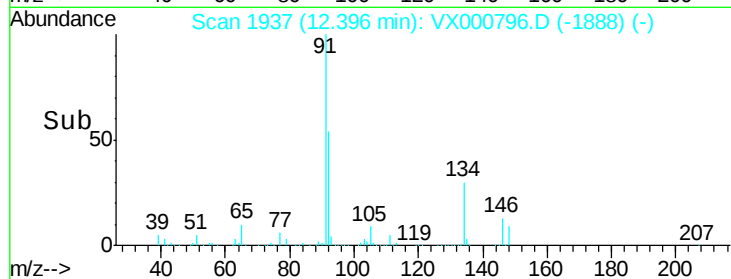
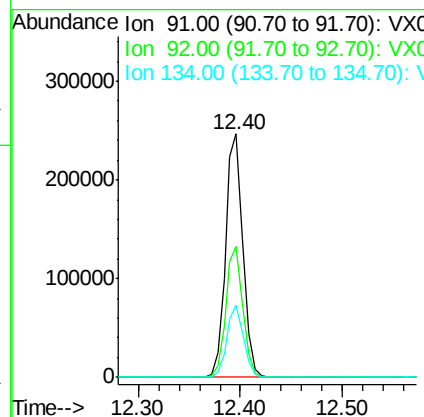
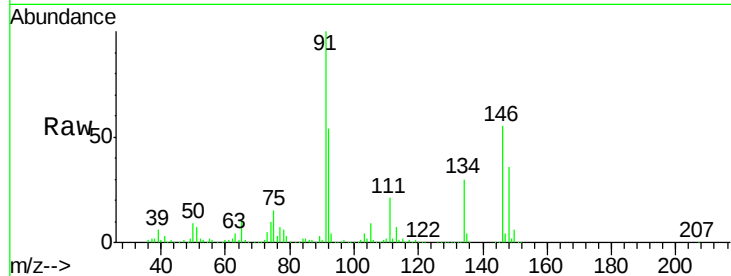
#89
n-Butylbenzene
Concen: 20.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	290924		
92	52.8	26.5	79.5	
134	28.7	14.5	43.5	

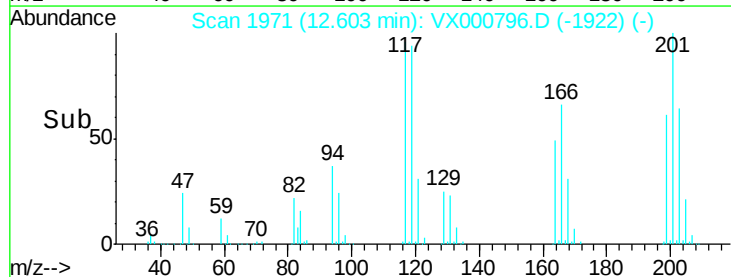
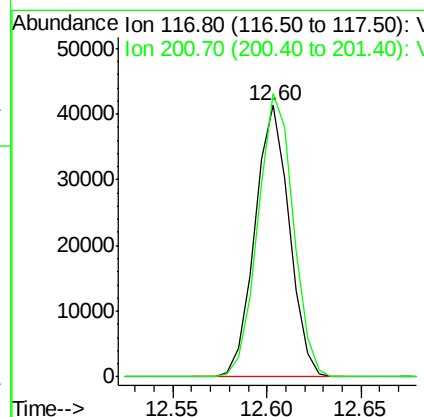
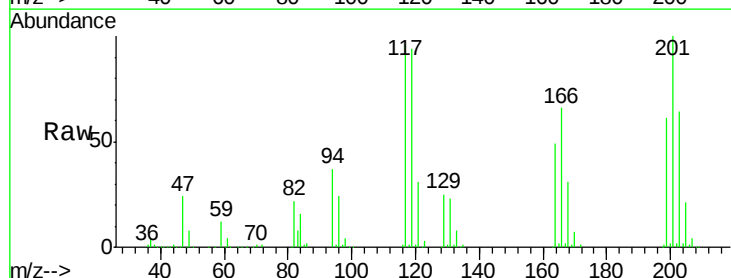
Manual Integrations
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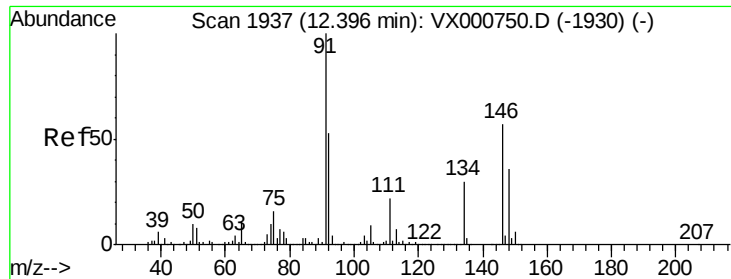
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#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52280		
201	106.5	52.9	158.7	





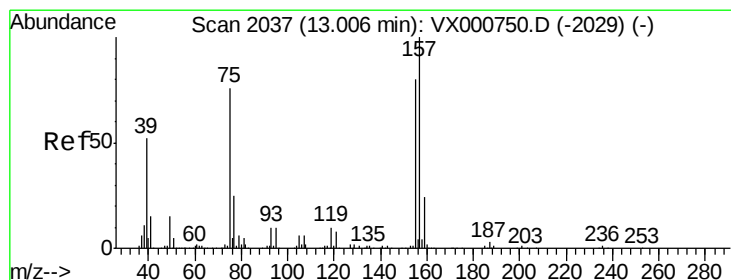
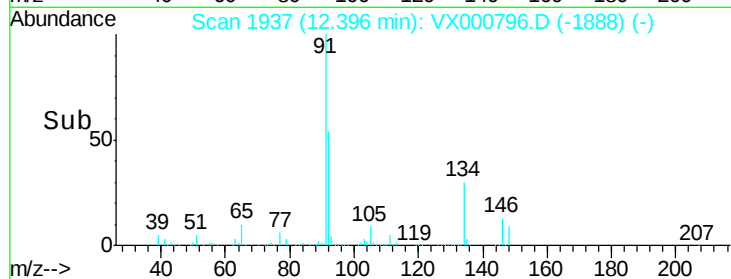
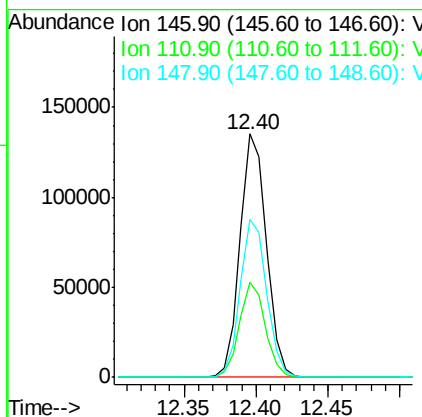
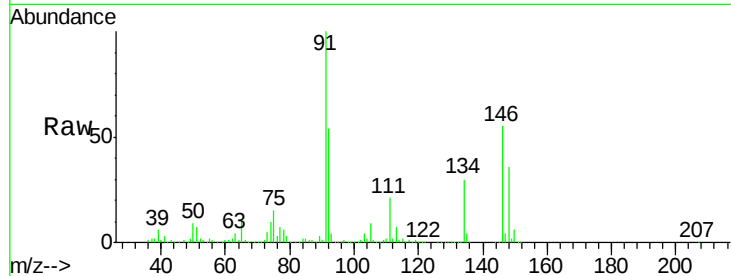
#91
 1,2-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.7
148	65.2	32.0	96.2

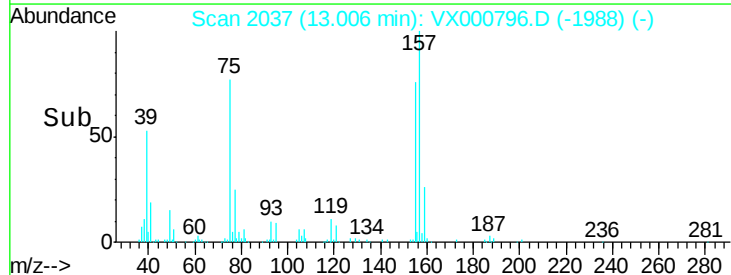
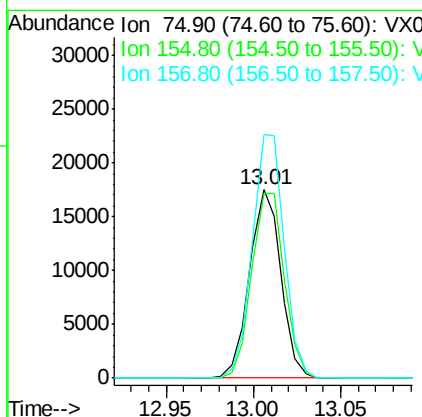
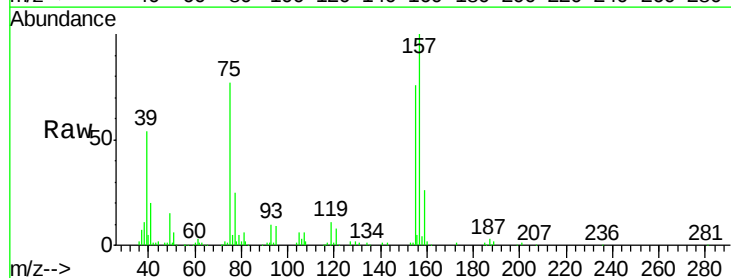
Manual Integrations
 APPROVED

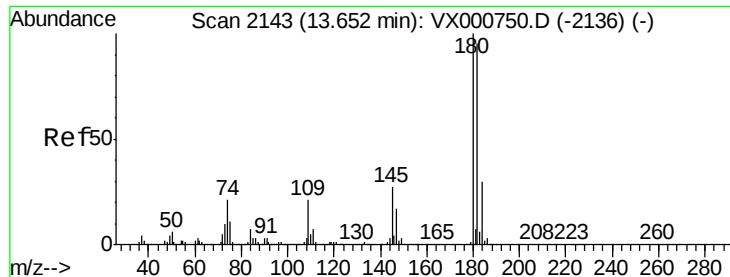
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.39 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.5	51.9	155.8
157	131.8	66.6	199.8





#93

1,2,4-Trichlorobenzene

Concen: 20.33 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

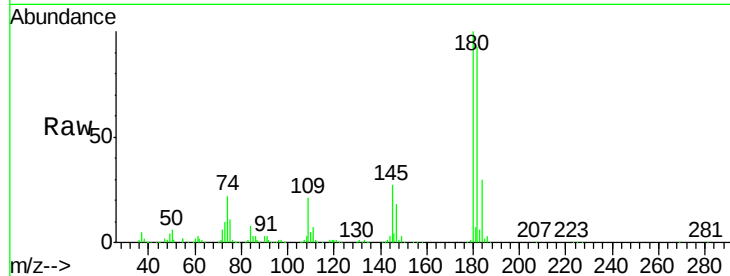
ClientSampleId :

VX0412WBS01

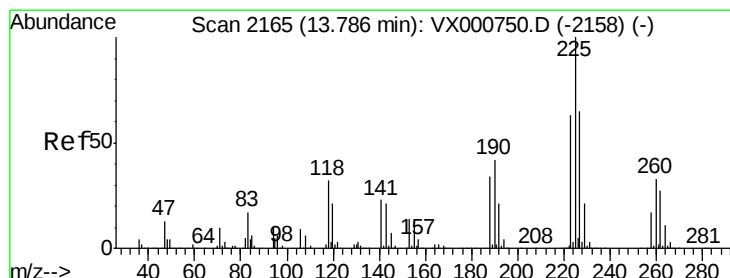
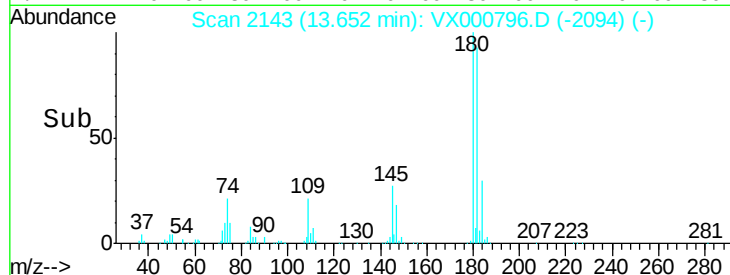
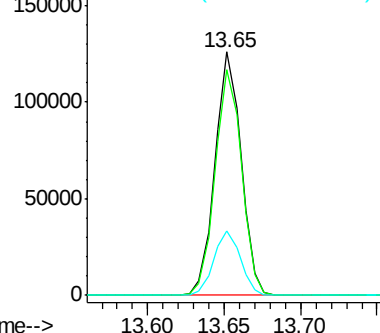
Tot Ion:	180	Resp:	148982
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.5	142.5
145	27.2	13.8	41.4

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



#94

Hexachlorobutadiene

Concen: 21.55 ug/l

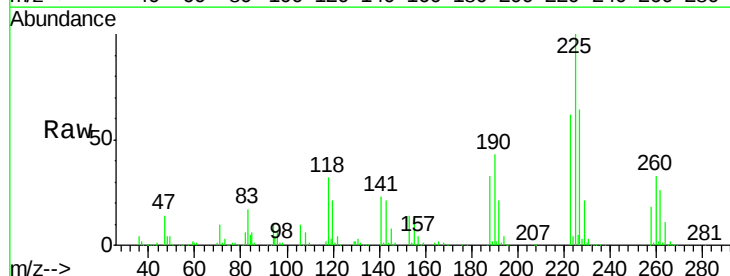
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

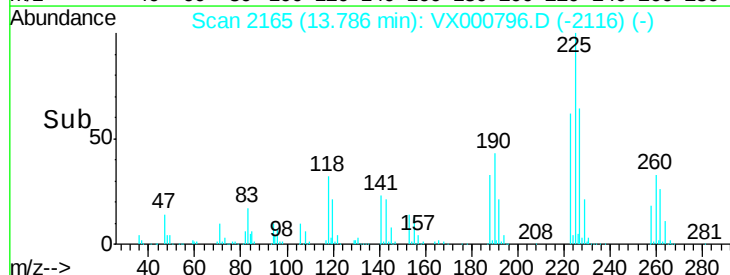
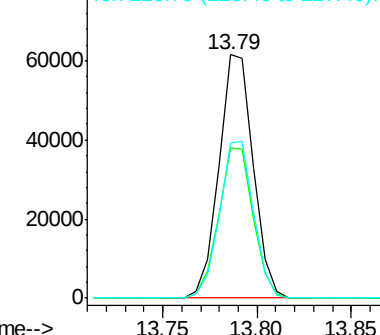
Lab File: VX000796.D

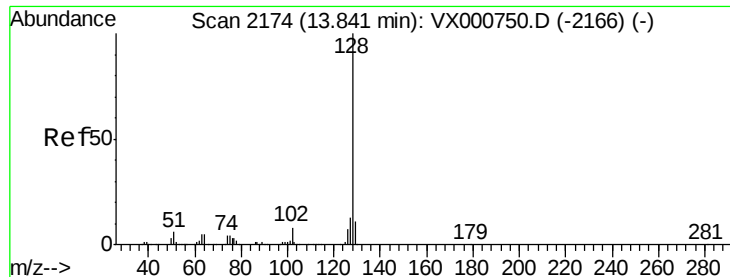
Acq: 12 Apr 2018 12:33

Tgt Ion:	225	Resp:	77667
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.2	93.6
227	63.8	32.3	96.9



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





#95

Naphthalene

Concen: 20.05 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

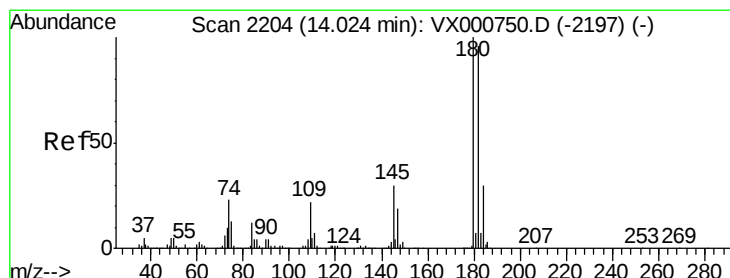
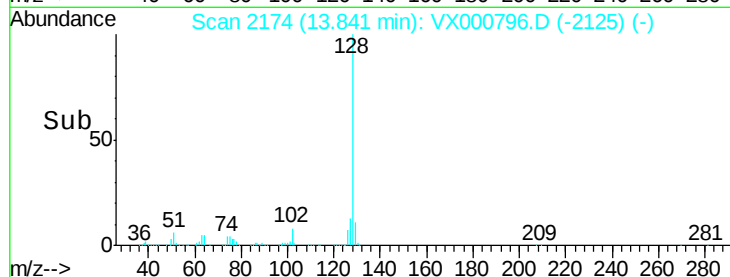
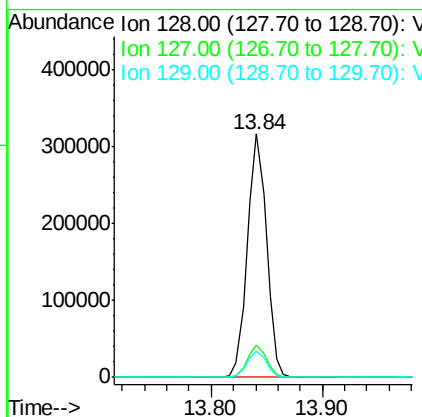
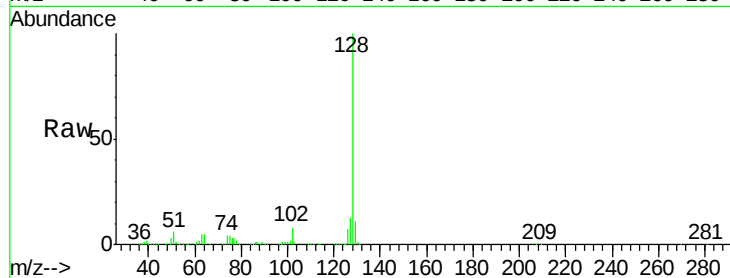
ClientSampleId :

VX0412WBS01

Tot Ion:	128	Resp:	377195
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.11 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion:	180	Resp:	143131
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.4	145.2
145	29.4	14.6	43.8

