

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000891.D
 Acq On : 15 Apr 2018 12:48
 Operator : JC/MD
 Sample : VX0415WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Manual Integrations
 APPROVED

apatel
 4/16/2018 3:35:00 PM

Quant Time: Apr 16 07:54:56 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	246623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152425	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	128059	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.72	98	473255	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	191045	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56268	20.21	ug/l	99
3) Chloromethane	1.32	50	45840	19.20	ug/l	98
4) Vinyl Chloride	1.40	62	55659	20.73	ug/l	96
5) Bromomethane	1.65	94	32077	28.26	ug/l	99
6) Chloroethane	1.73	64	34427	21.16	ug/l	98
7) Trichlorofluoromethane	1.93	101	85923	21.21	ug/l	97
8) Diethyl Ether	2.19	74	32035	21.17	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51440	21.54	ug/l	98
10) Methyl Iodide	2.51	142	25009	19.47	ug/l	100
11) Tert butyl alcohol	3.07	59	52807	95.65	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47172	20.84	ug/l	99
13) Acrolein	2.30	56	12471	46.51	ug/l	99
14) Allyl chloride	2.73	41	85998	20.55	ug/l	100
15) Acrylonitrile	3.15	53	128935	109.54	ug/l	100
16) Acetone	2.45	43	113649	105.98	ug/l	100
17) Carbon Disulfide	2.57	76	117903	17.20	ug/l	100
18) Methyl Acetate	2.78	43	66091	23.82	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	163891	21.74	ug/l	97
20) Methylene Chloride	2.86	84	52380	21.00	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50547	20.25	ug/l	100
22) Diisopropyl ether	3.88	45	171596	22.31	ug/l	99
23) Vinyl Acetate	3.83	43	730674	108.19	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92274	21.38	ug/l	98
25) 2-Butanone	4.71	43	185227	104.60	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84693	19.77	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60441	21.34	ug/l	99
28) Bromochloromethane	5.03	49	36002	20.71	ug/l	97
29) Tetrahydrofuran	5.17	42	118533	105.42	ug/l	99
30) Chloroform	5.23	83	98717	21.60	ug/l	99
31) Cyclohexane	5.59	56	83760	20.43	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	89900	20.65	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74212	19.98	ug/l	99
37) Ethyl Acetate	4.87	43	73719	20.33	ug/l	100
38) Carbon Tetrachloride	5.79	117	78005	18.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87213	19.55	ug/l	98
40) Benzene	6.15	78	216331	20.96	ug/l	100
41) Methacrylonitrile	5.07	41	43259	20.65	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81300	21.09	ug/l	99
43) Isopropyl Acetate	6.47	43	122392	19.69	ug/l	100
44) Trichloroethene	7.22	130	65535	20.42	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55540	21.13	ug/l	98
46) Dibromomethane	7.67	93	37200	20.30	ug/l	99
47) Bromodichloromethane	7.91	83	72120	19.50	ug/l	100
48) Methyl methacrylate	7.79	41	65434	20.30	ug/l	99
49) 1,4-Dioxane	7.76	88	23405	361.38	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	382486	104.73	ug/l	100
52) Toluene	8.79	92	141655	20.69	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88021	19.84	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	82301	19.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	57152	21.02	ug/l	99
56) Ethyl methacrylate	9.19	69	84792	20.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	93123	21.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	206340	105.31	ug/l	100
59) 2-Hexanone	9.51	43	292776	103.84	ug/l	100
60) Dibromochloromethane	9.59	129	61653	18.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60260	20.89	ug/l	100
64) Tetrachloroethene	9.34	164	67903	21.67	ug/l	98
65) Chlorobenzene	10.15	112	169250	21.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59497	19.61	ug/l	99
67) Ethyl Benzene	10.26	91	277122	20.62	ug/l	100
68) m/p-Xylenes	10.37	106	217332	40.97	ug/l	99
69) o-Xylene	10.71	106	105105	20.56	ug/l	99
70) Styrene	10.72	104	176409	20.47	ug/l	100
71) Bromoform	10.87	173	49336	17.56	ug/l	100
73) Isopropylbenzene	11.02	105	287382	20.93	ug/l	99
74) N-amyl acetate	6.47	43	122392	19.79	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82883	20.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77953m	20.88	ug/l	
77) Bromobenzene	11.26	156	82935	20.61	ug/l	100
78) n-propylbenzene	11.37	91	322534	20.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	192371	20.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	241728	20.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21392	15.76	ug/l	90
82) 4-Chlorotoluene	11.52	91	228998	20.44	ug/l	100
83) tert-Butylbenzene	11.77	119	246367	20.39	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249807	20.49	ug/l	100
85) sec-Butylbenzene	11.95	105	293393	20.58	ug/l	100
86) p-Isopropyltoluene	12.07	119	271690	20.44	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	155156	20.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156599	20.51	ug/l	99
89) n-Butylbenzene	12.40	91	239329	20.40	ug/l	100
90) Hexachloroethane	12.60	117	38727	17.22	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149893	20.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17346	17.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126218	20.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	62156	20.60	ug/l	99
95) Naphthalene	13.84	128	326195	20.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124622	20.91	ug/l	99

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

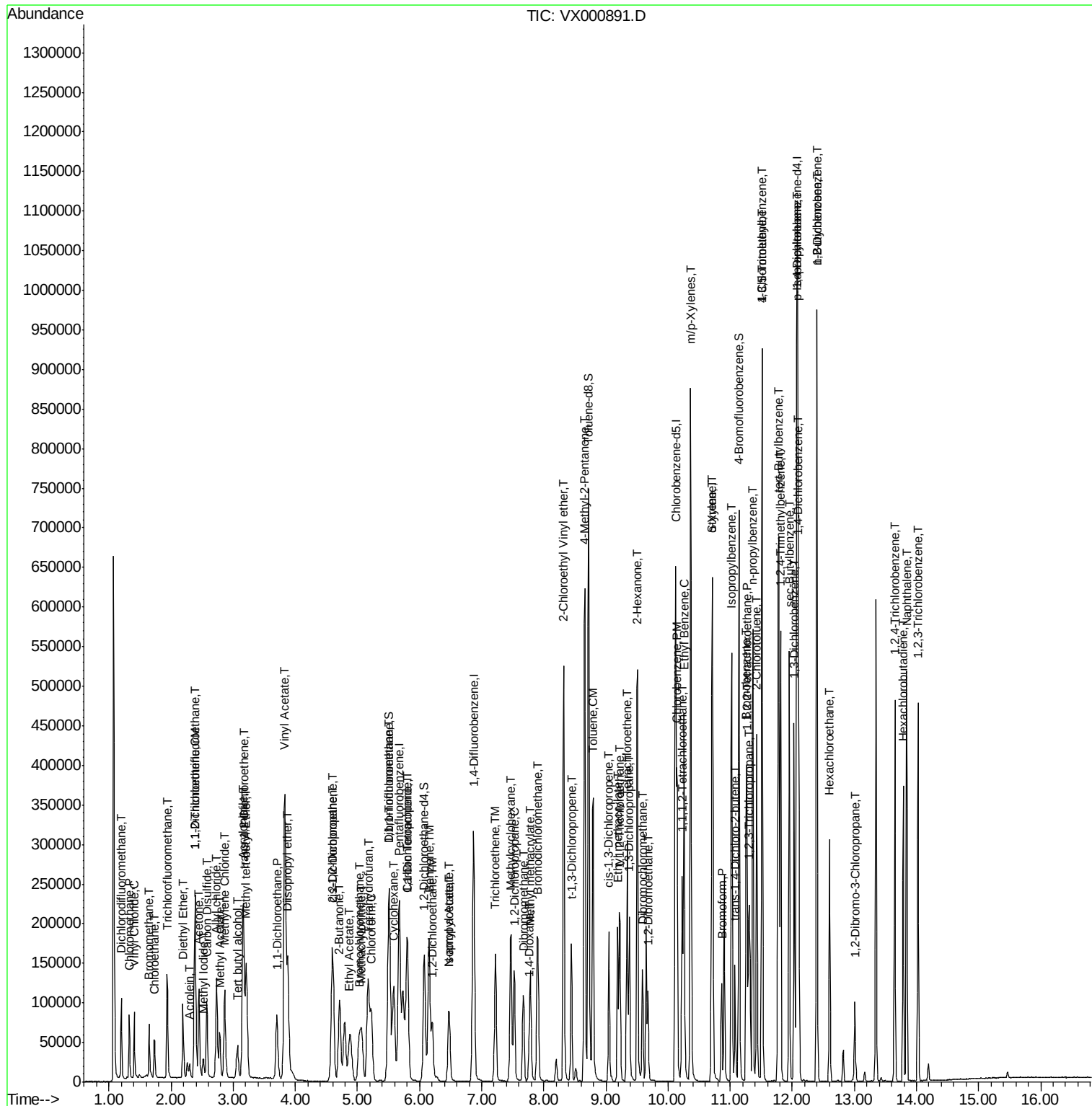
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
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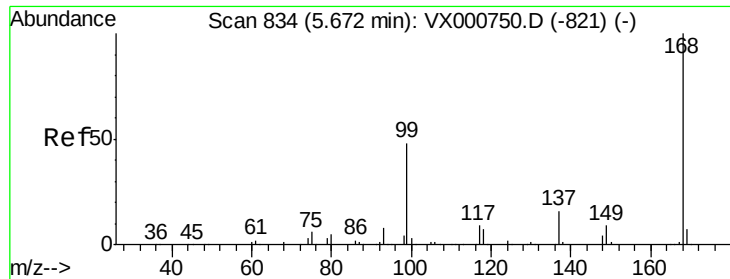
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion:168 Resp: 246623

Ion Ratio Lower Upper

168 100

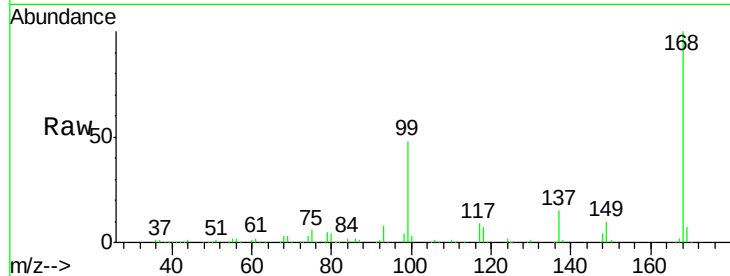
99 48.4 38.3 57.5

Manual Integrations

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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

80000

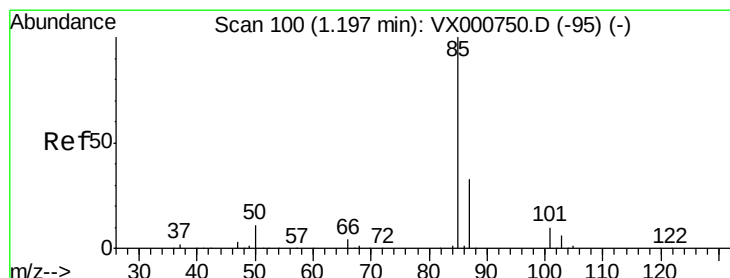
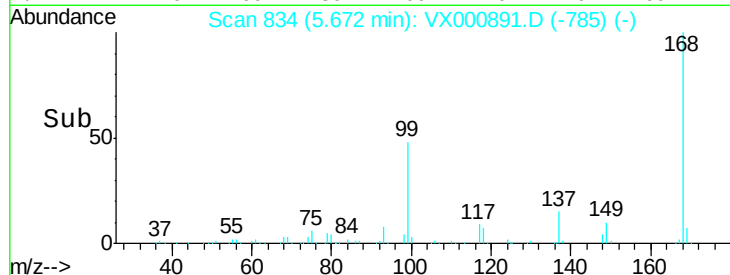
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000891.D

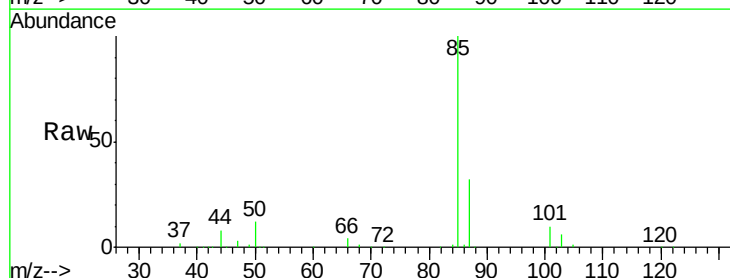
Acq: 15 Apr 2018 12:48

Tgt Ion: 85 Resp: 56268

Ion Ratio Lower Upper

85 100

87 32.1 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

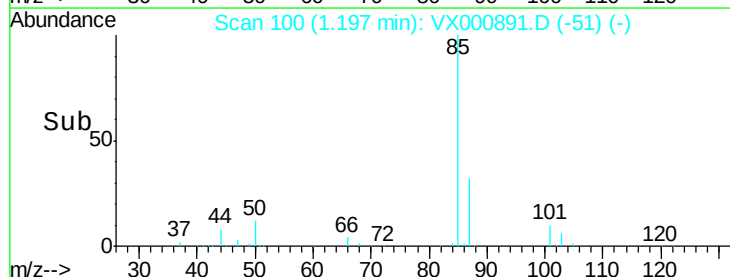
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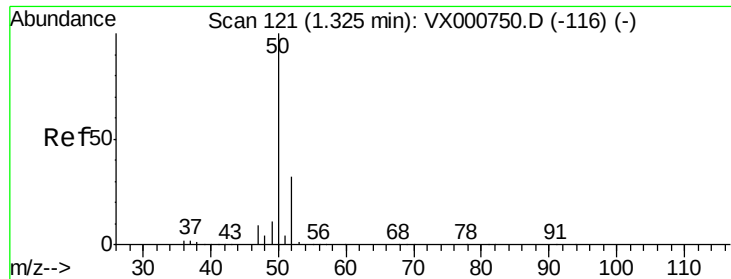
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 50 Resp: 45840

Ion Ratio Lower Upper

50 100

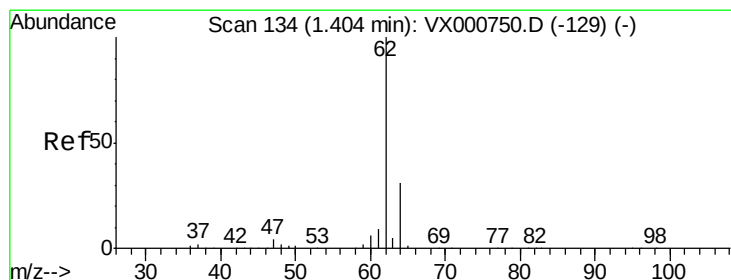
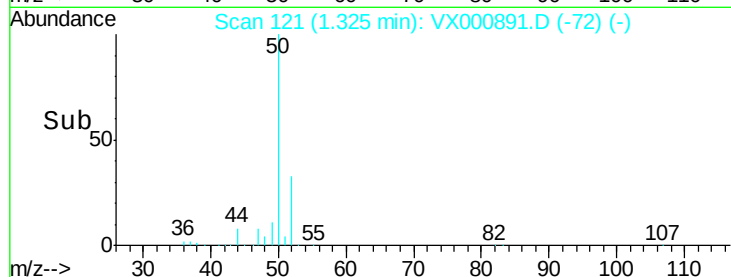
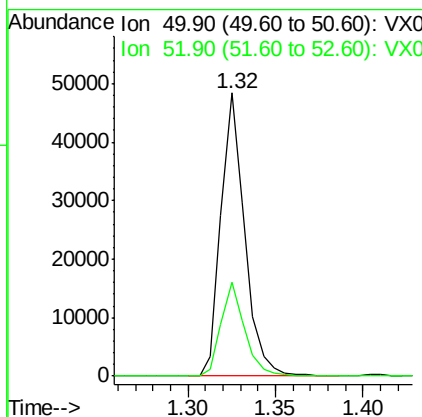
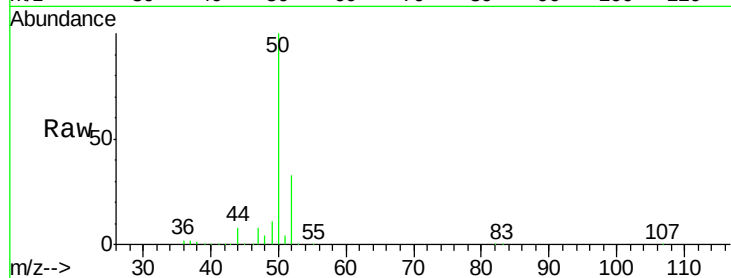
52 33.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000891.D

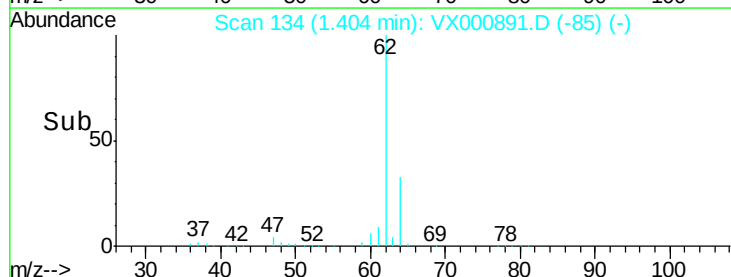
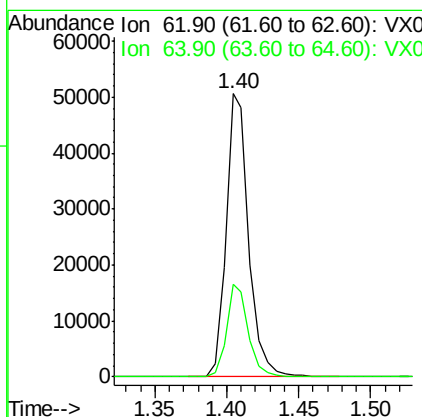
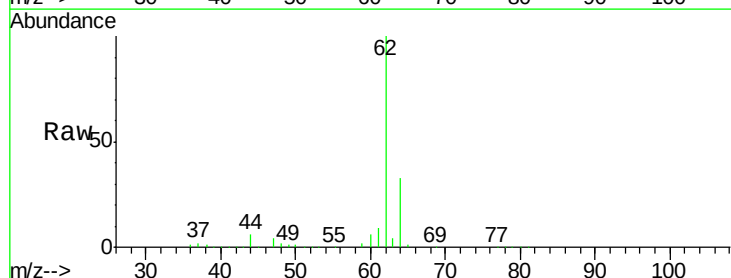
Acq: 15 Apr 2018 12:48

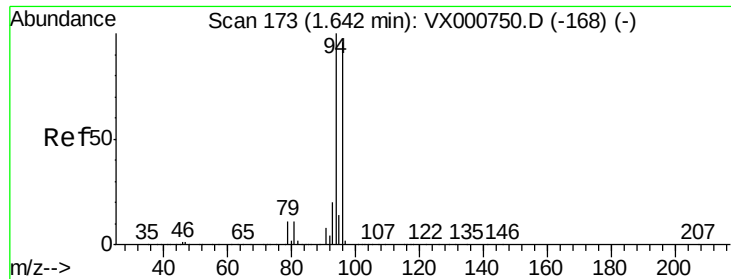
Tgt Ion: 62 Resp: 55659

Ion Ratio Lower Upper

62 100

64 32.7 24.6 36.8





#5

Bromomethane

Concen: 28.26 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 94 Resp: 32077

Ion Ratio Lower Upper

94 100

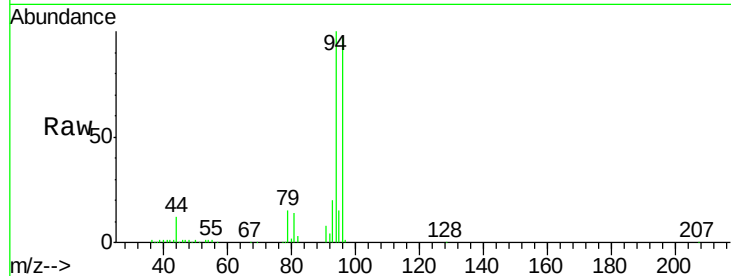
96 97.1 77.0 115.6

Manual Integrations

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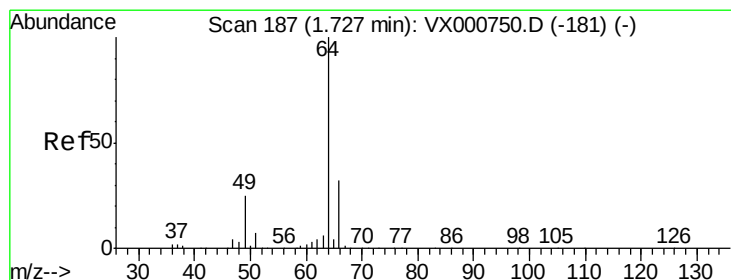
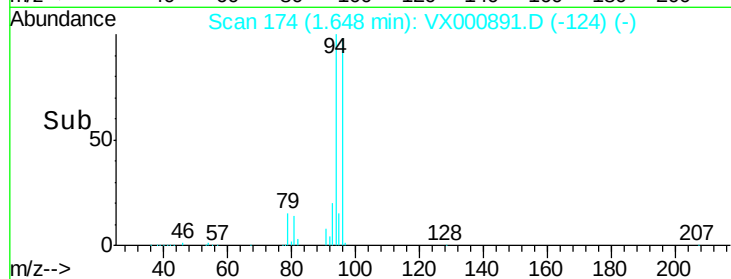
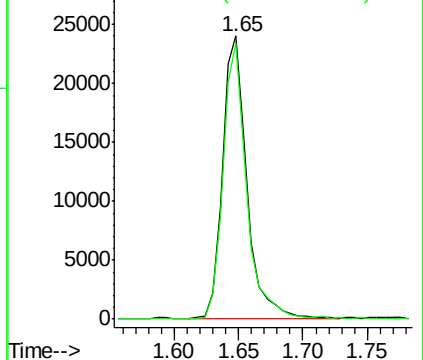
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.16 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000891.D

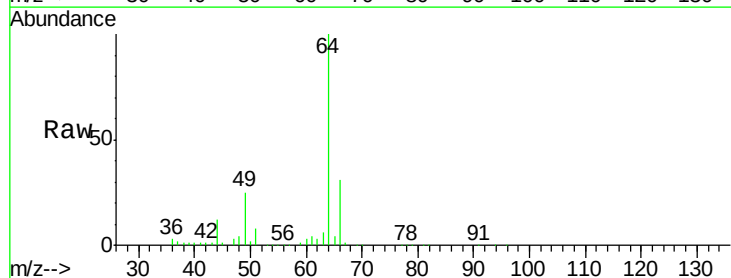
Acq: 15 Apr 2018 12:48

Tgt Ion: 64 Resp: 34427

Ion Ratio Lower Upper

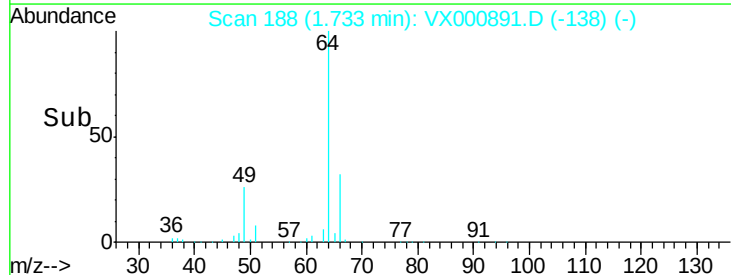
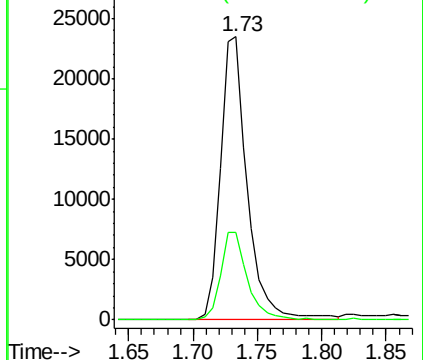
64 100

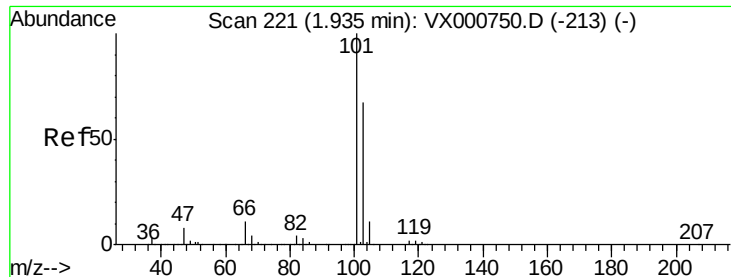
66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

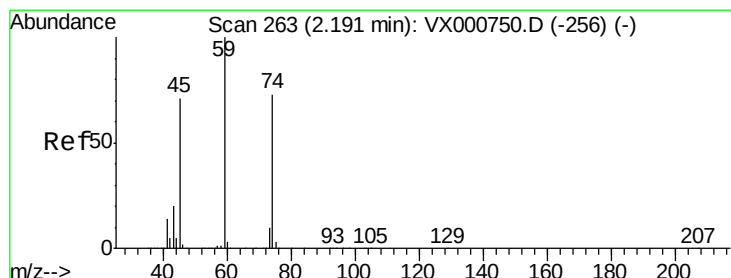
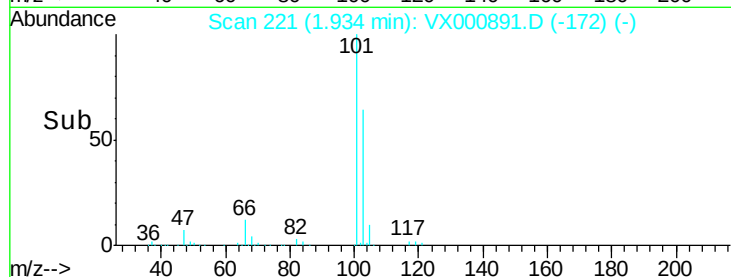
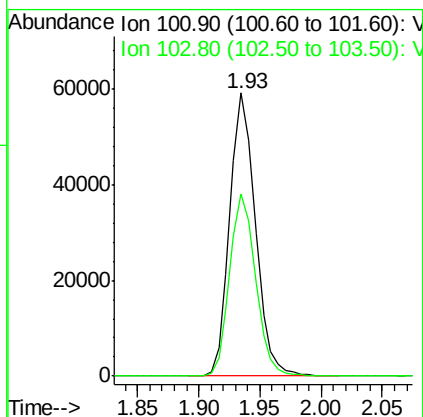
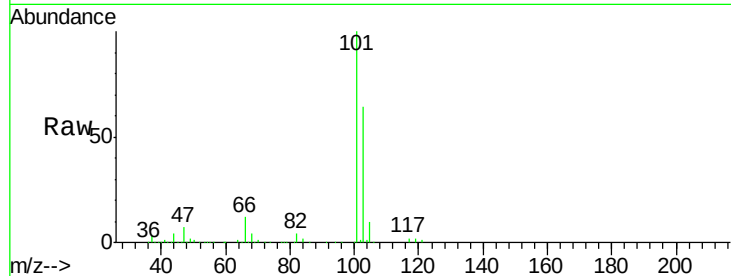
Trichlorofluoromethane
 Concen: 21.21 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.2	79.8

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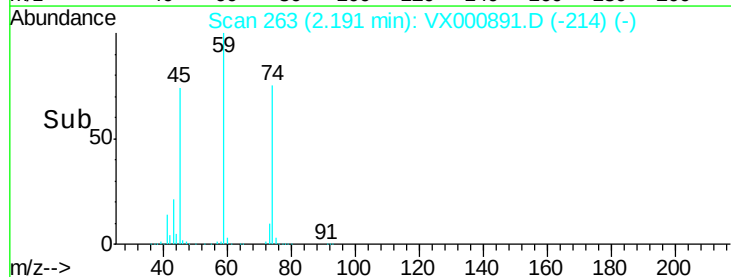
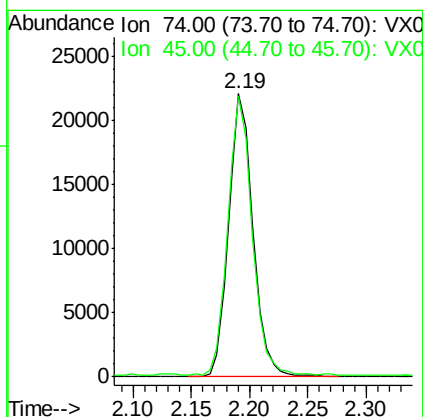
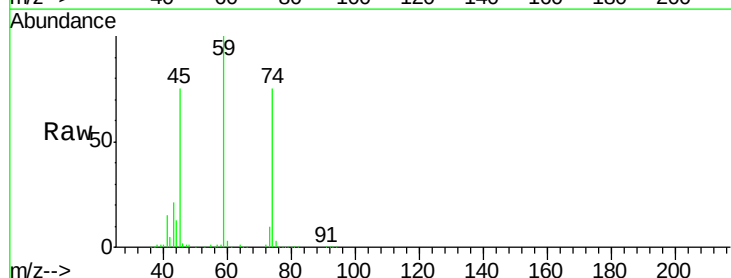
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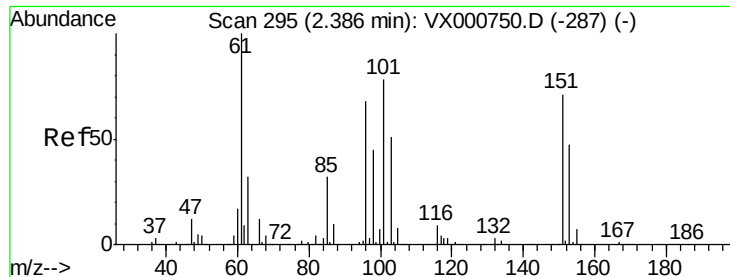


#8

Diethyl Ether
 Concen: 21.17 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.54 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

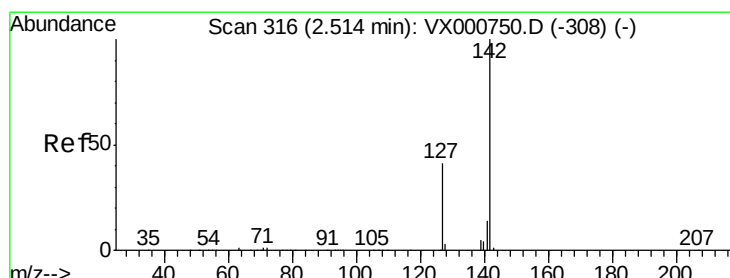
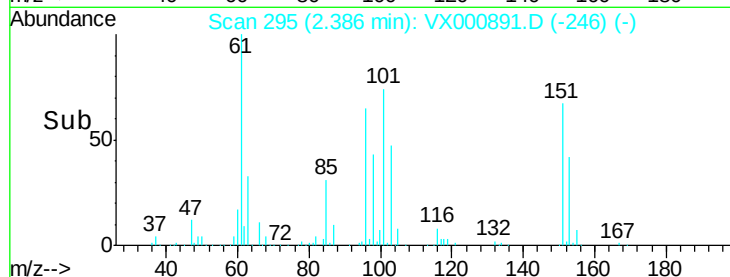
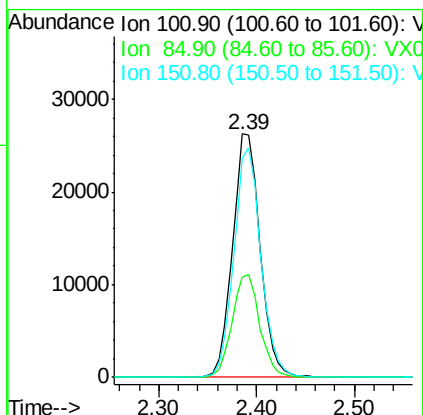
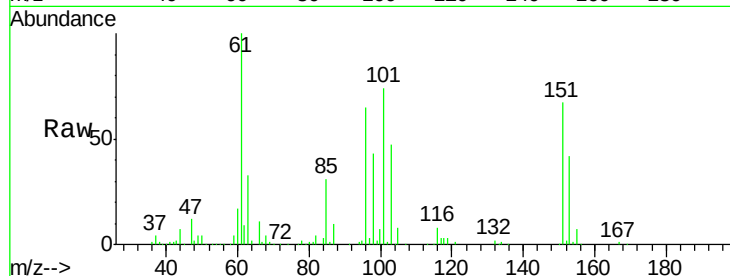
ClientSampleId :

VX0415WBS01

Tot Ion:	101	Resp:	51440
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	92.7	75.8	113.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.47 ug/l

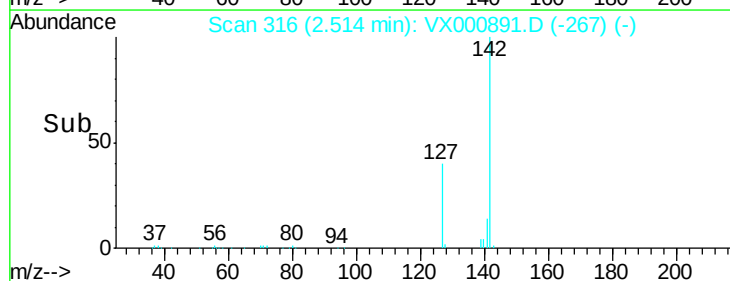
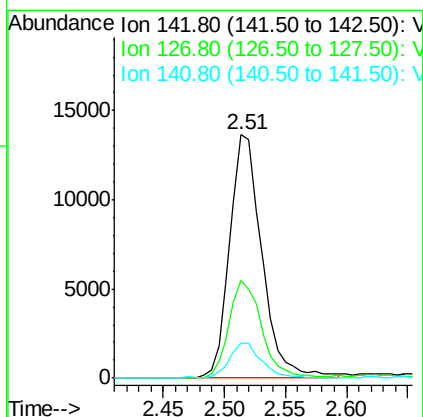
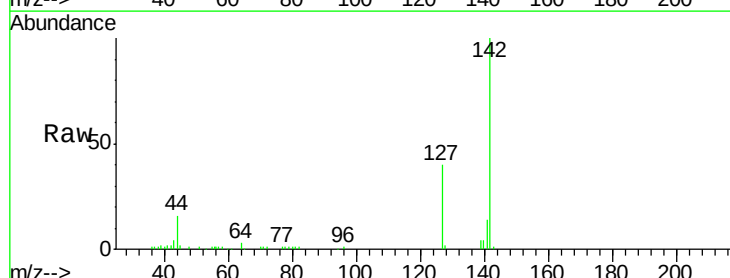
RT: 2.51 min Scan# 316

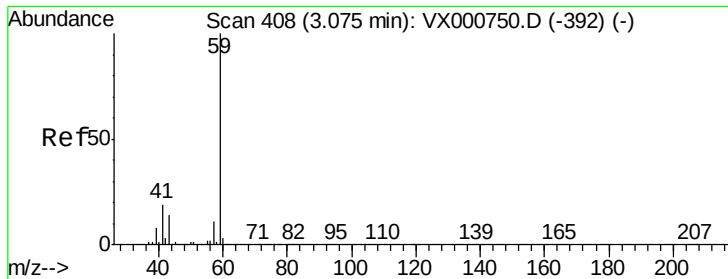
Delta R.T. 0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	142	Resp:	25009
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.6	49.0
141	14.5	11.5	17.3





#11

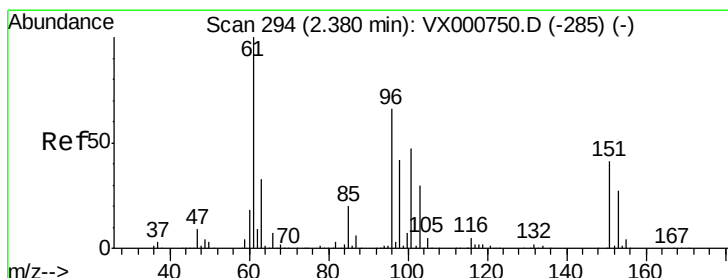
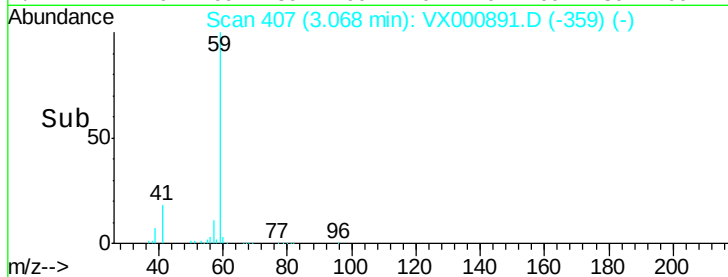
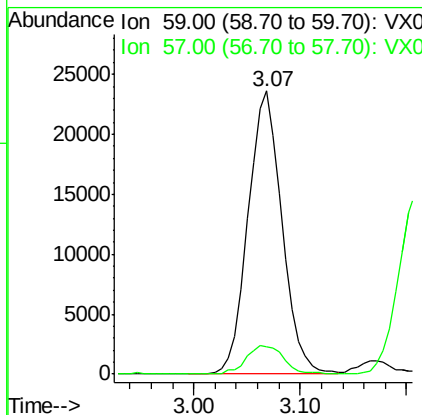
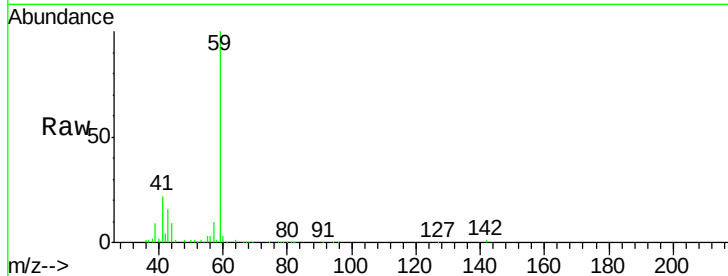
Tert butyl alcohol
 Concen: 95.65 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0415WBS01

Tot Ion	59	Resp	52807
Ion Ratio	100	Lower	Upper
57	11.3	8.4	12.6

Manual Integrations
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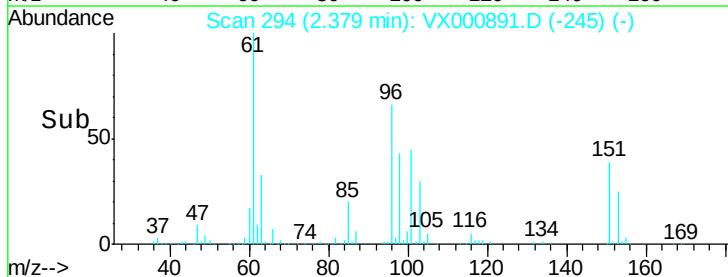
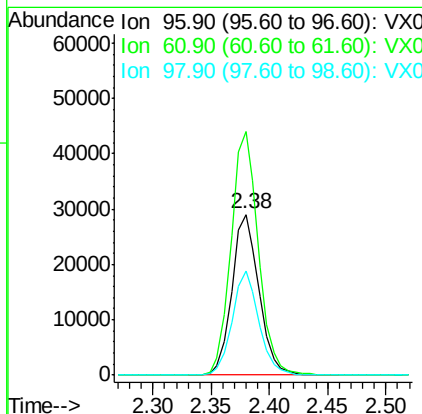
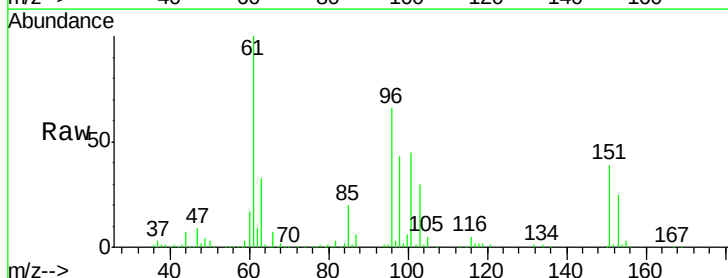
apatel
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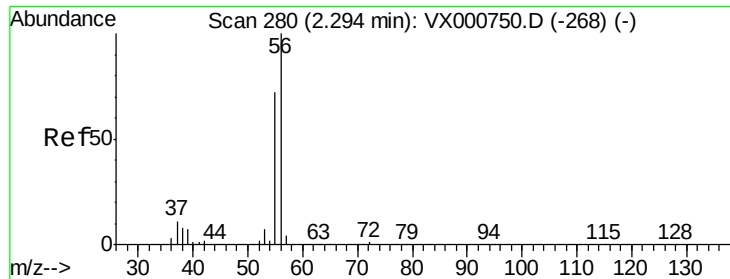


#12

1,1-Dichloroethene
 Concen: 20.84 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	96	Resp	47172
Ion Ratio	100	Lower	Upper
61	151.2	120.5	180.7
98	64.3	50.9	76.3





#13

Acrolein

Concen: 46.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 56 Resp: 12471

Ion Ratio Lower Upper

56 100

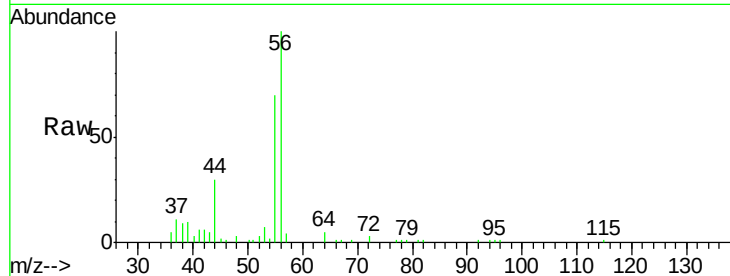
55 72.4 58.7 88.1

Manual Integrations

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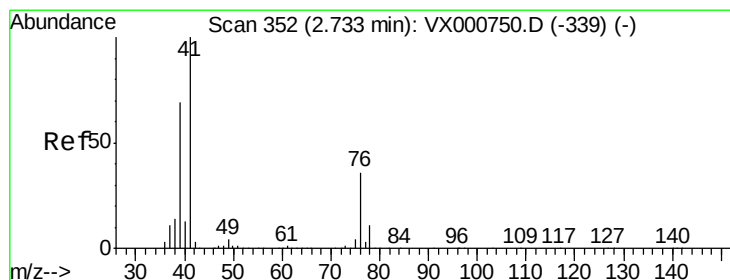
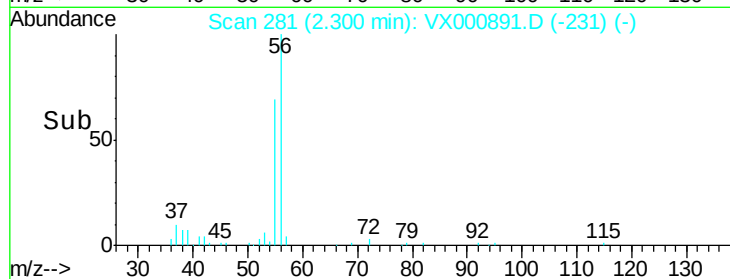
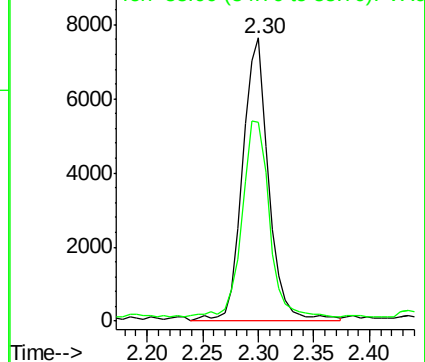
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.55 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

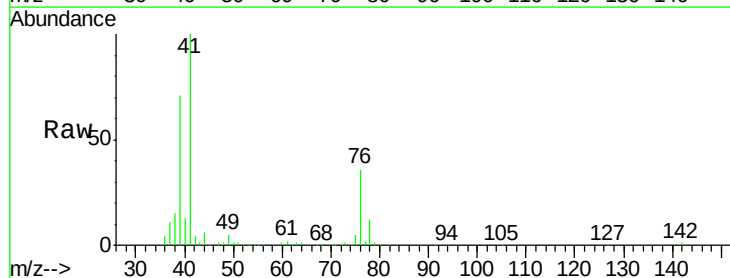
Tgt Ion: 41 Resp: 85998

Ion Ratio Lower Upper

41 100

39 64.3 51.5 77.3

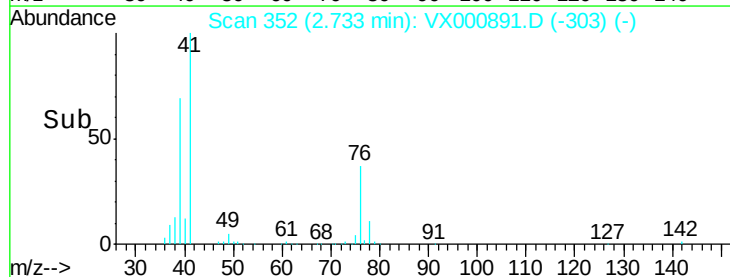
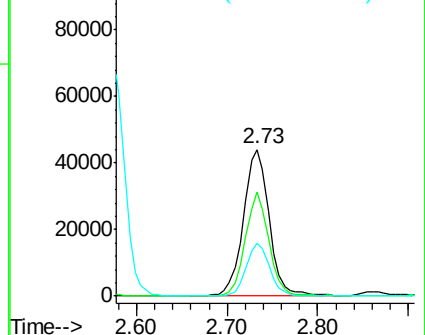
76 33.2 26.5 39.7

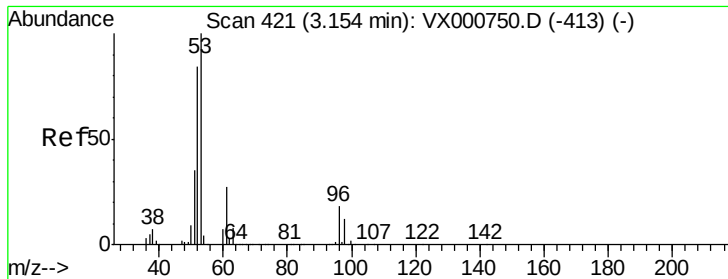


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 109.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

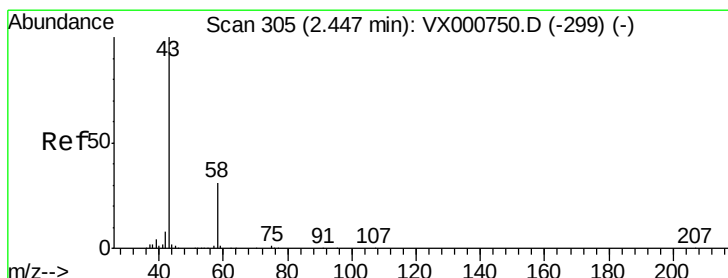
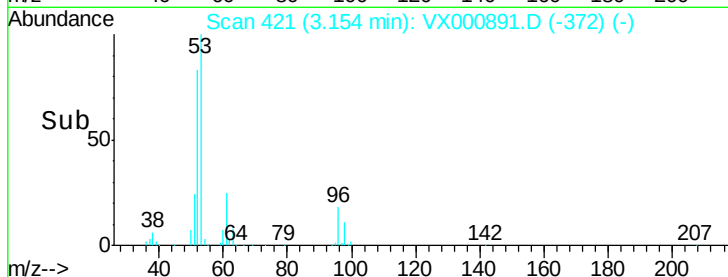
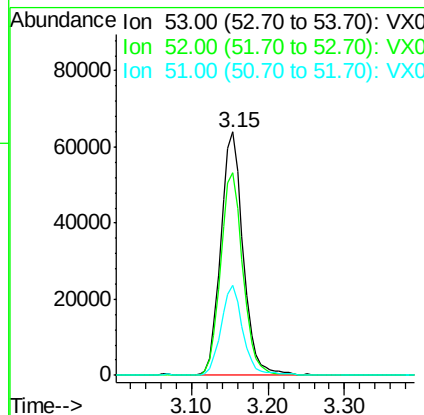
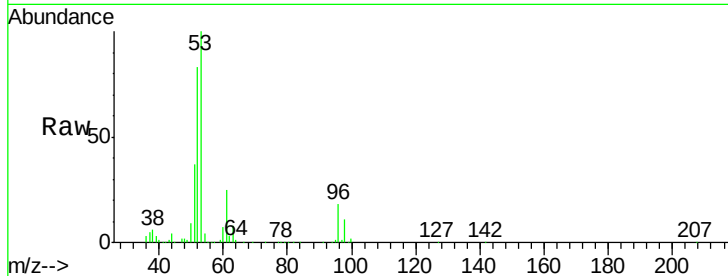
ClientSampleId :

VX0415WBS01

Tot Ion:	53	Resp:	128935
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.5	99.7
51	36.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 105.98 ug/l

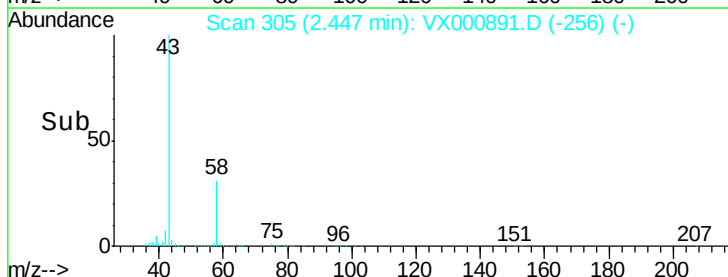
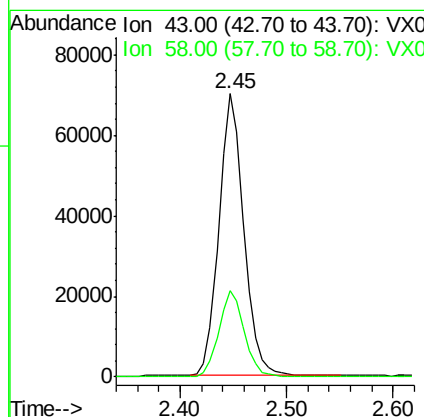
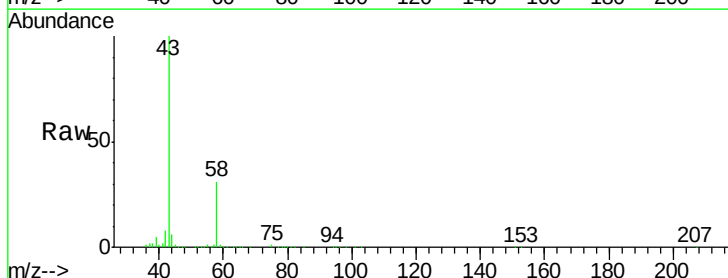
RT: 2.45 min Scan# 305

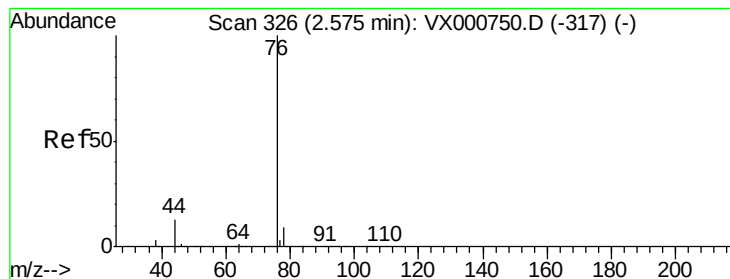
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	43	Resp:	113649
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.6	37.0





#17

Carbon Disulfide

Concen: 17.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tot Ion: 76 Resp: 117903

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

Instrument :

MSVOA_X

ClientSampleId :

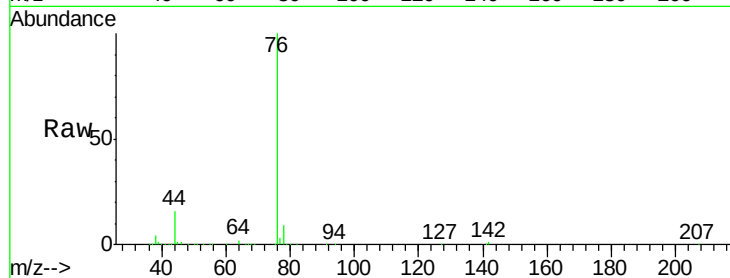
VX0415WBS01

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

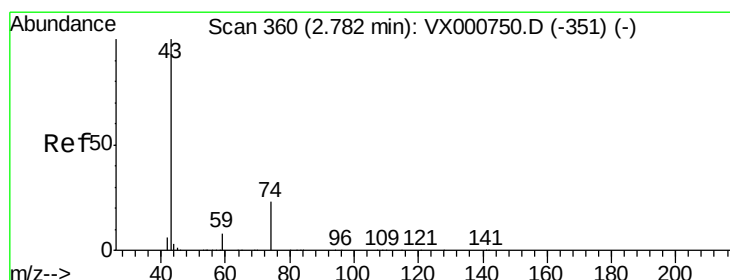
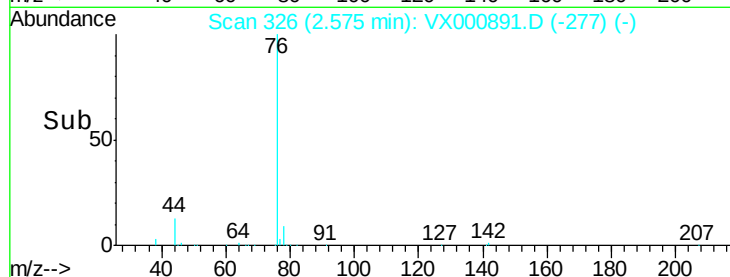
40000

20000

0

2.50 2.55 2.60 2.65 2.70

Time-->



#18

Methyl Acetate

Concen: 23.82 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000891.D

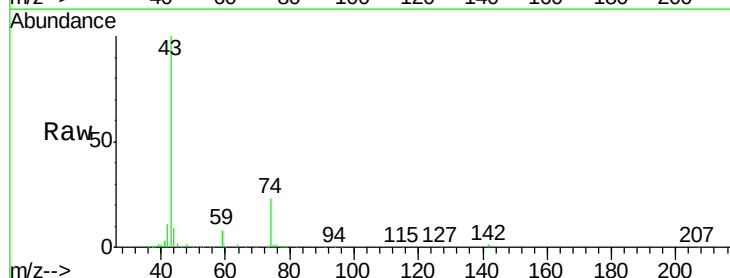
Acq: 15 Apr 2018 12:48

Tgt Ion: 43 Resp: 66091

Ion Ratio Lower Upper

43 100

74 23.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

30000

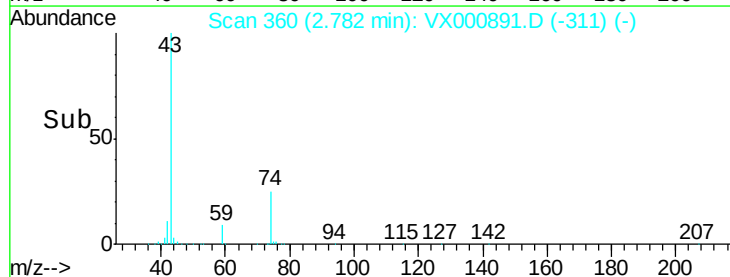
20000

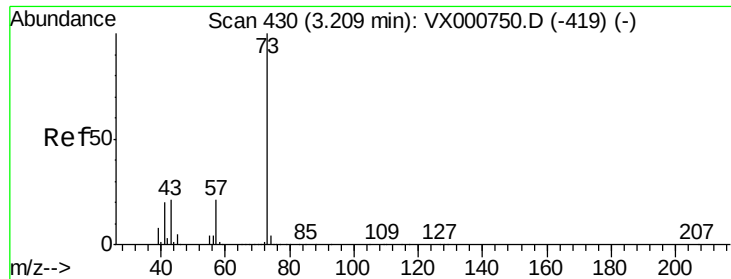
10000

0

2.70 2.75 2.80 2.85

Time-->





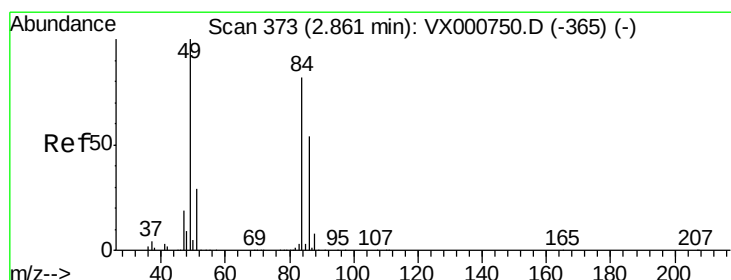
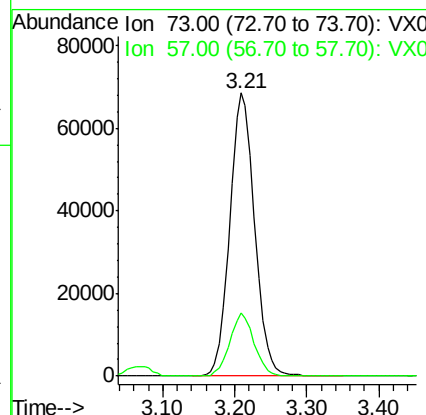
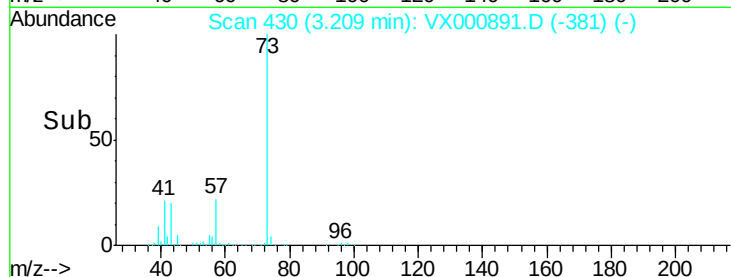
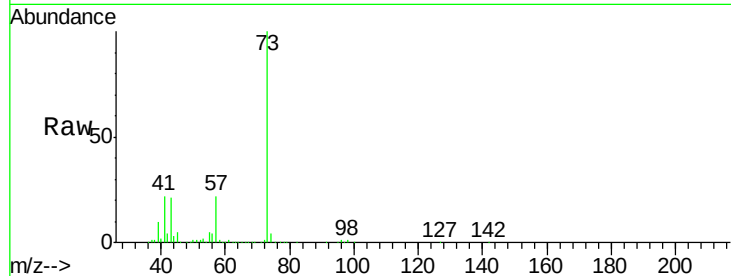
#19
Methvl tert-butyl Ether
Concen: 21.74 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.9	25.3

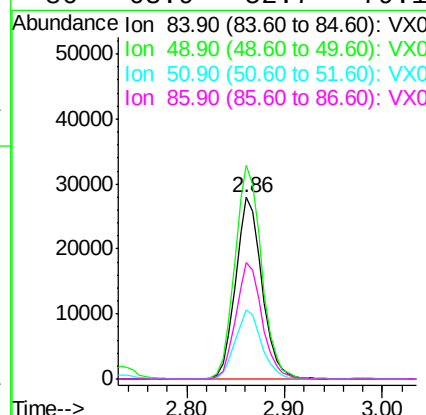
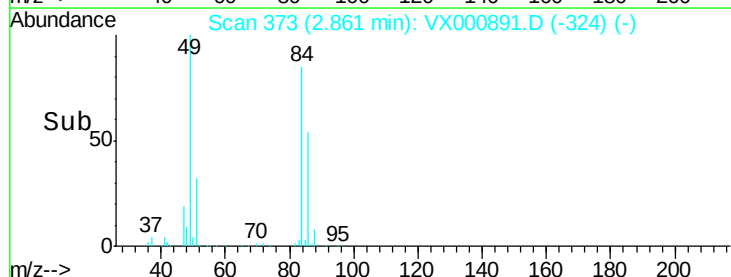
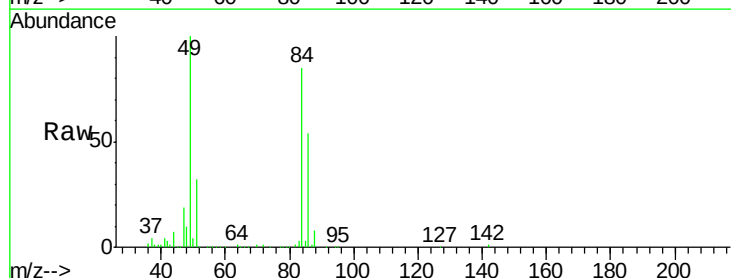
Manual Integrations
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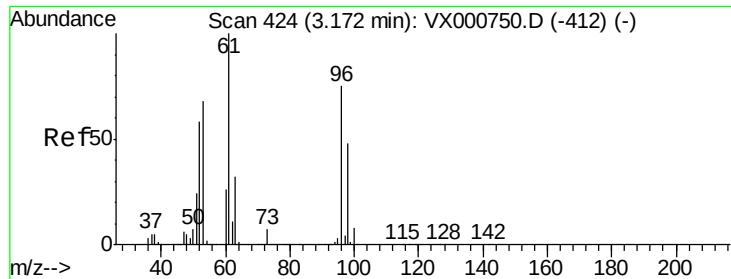
apatel
4/16/2018 3:35:00 PM



#20
Methylene Chloride
Concen: 21.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	98.1	147.1
51	37.6	28.9	43.3
86	63.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.25 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

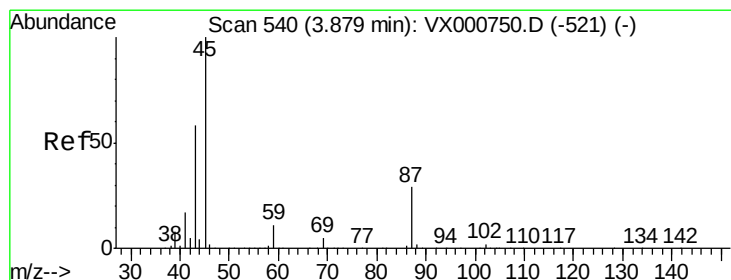
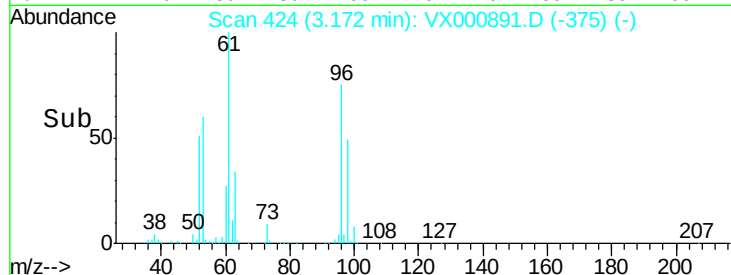
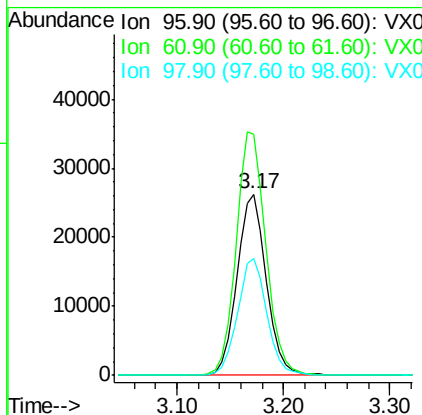
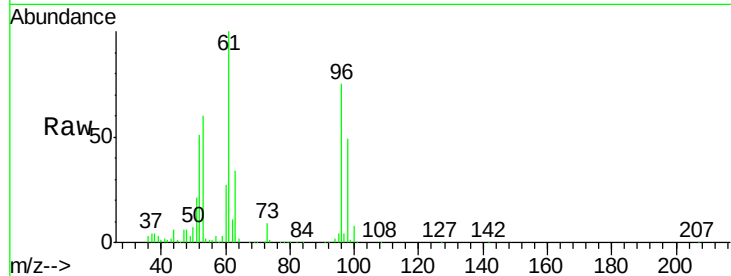
ClientSampleId :

VX0415WBS01

Tot Ion:	96	Resp:	50547
Ion	Ratio	Lower	Upper
96	100		
61	132.8	106.2	159.2
98	64.6	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.31 ug/l

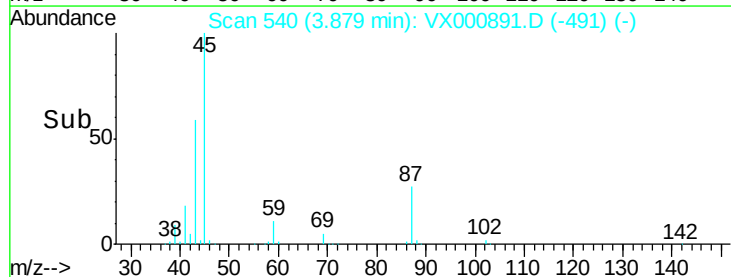
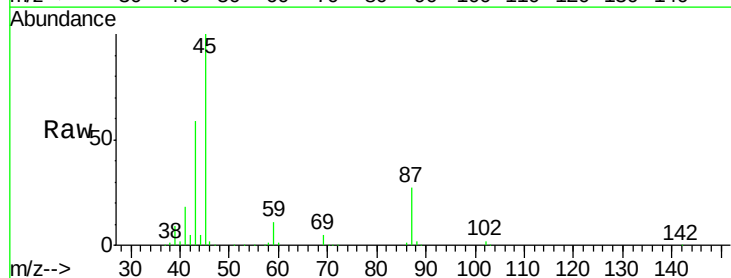
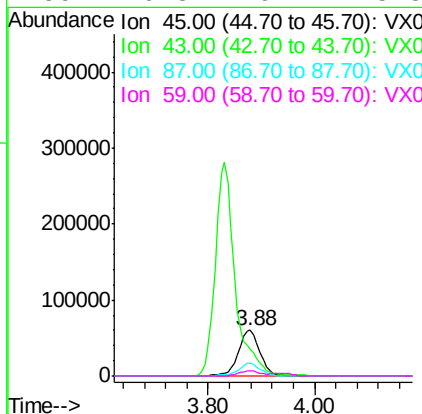
RT: 3.88 min Scan# 540

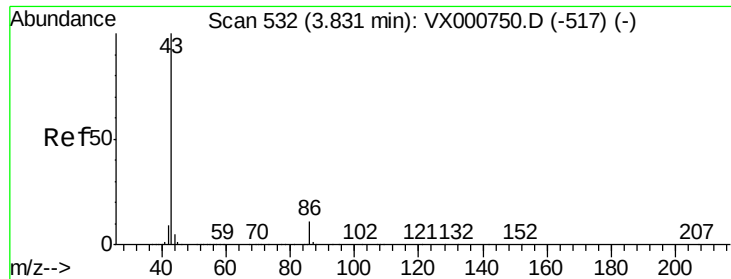
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	45	Resp:	171596
Ion	Ratio	Lower	Upper
45	100		
43	58.8	46.6	69.8
87	27.2	22.9	34.3
59	10.8	9.2	13.8





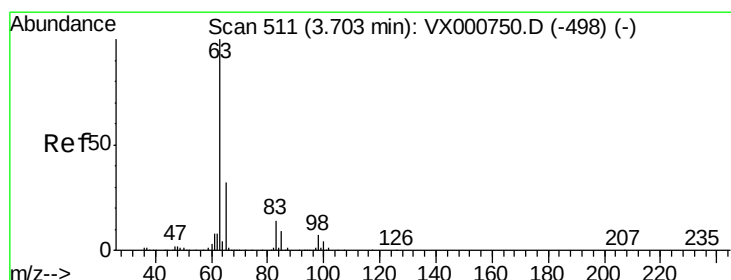
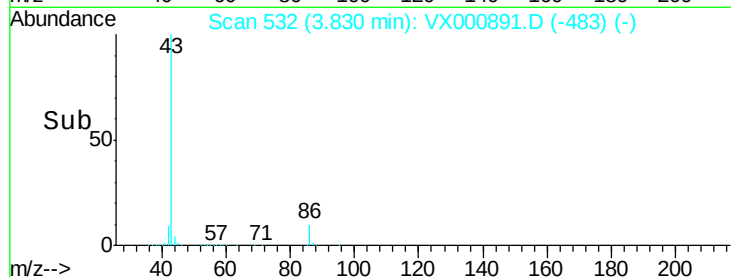
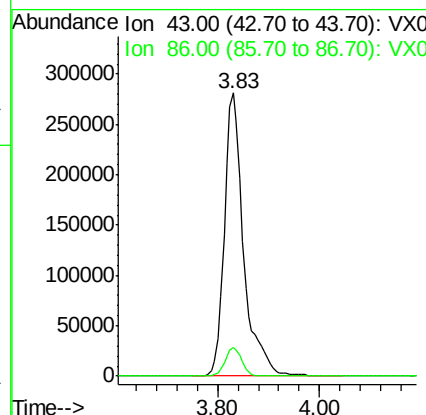
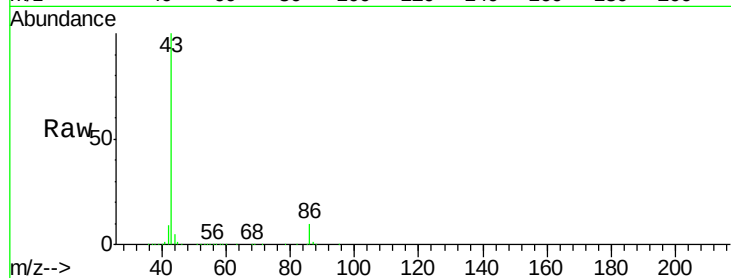
#23
Vinyl Acetate
Concen: 108.19 ug/l
RT: 3.83 min Scan# 532
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.6	12.8

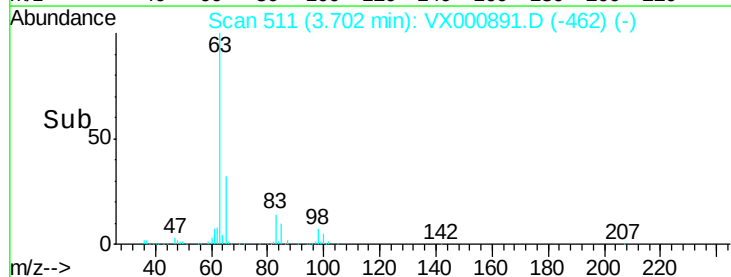
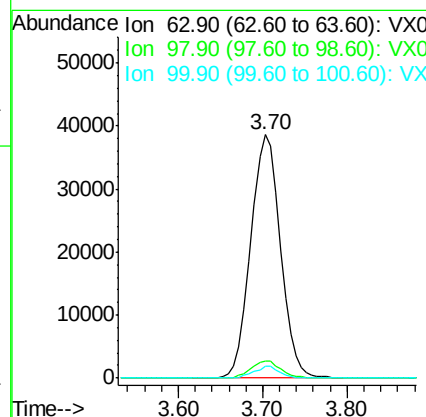
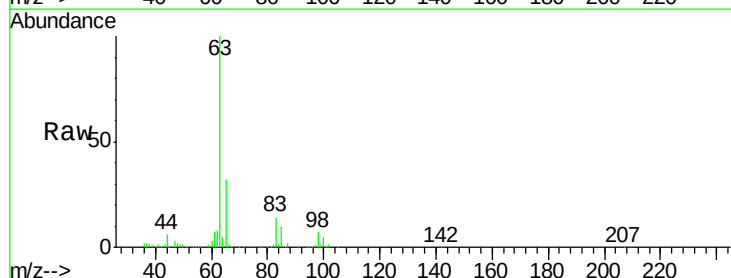
Manual Integrations
APPROVED

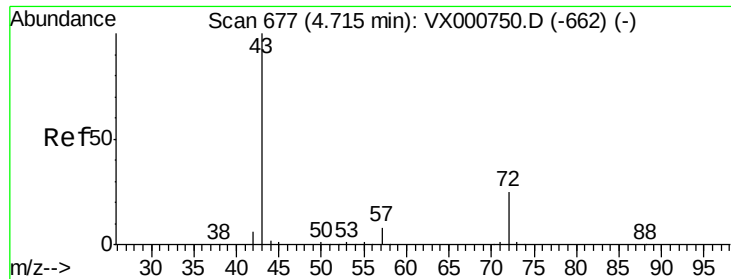
apatel
4/16/2018 3:35:00 PM



#24
1,1-Dichloroethane
Concen: 21.38 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.7	2.1	6.3





#25

2-Butanone

Concen: 104.60 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tot Ion: 43 Resp: 185227

Ion Ratio Lower Upper

43 100

72 24.7 20.3 30.5

Instrument :

MSVOA_X

ClientSampleId :

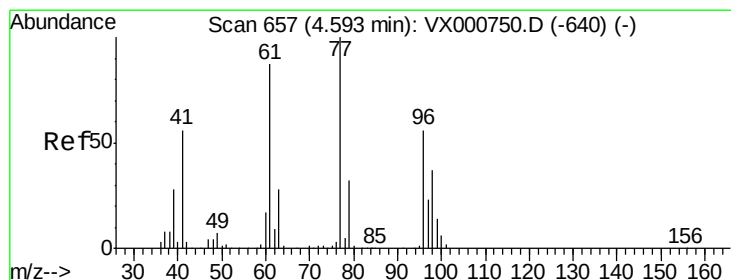
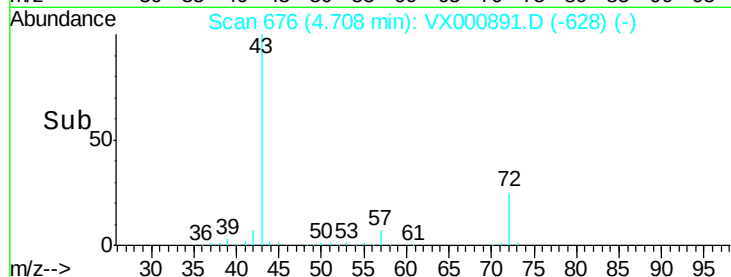
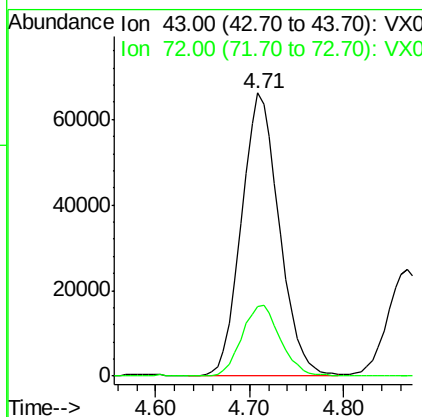
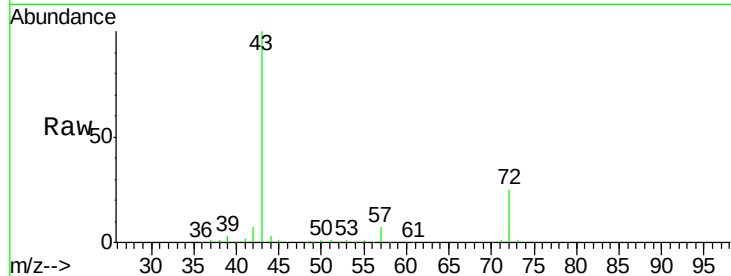
VX0415WBS01

Manual Integrations

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4/16/2018 3:35:00 PM



#26

2,2-Dichloropropane

Concen: 19.77 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000891.D

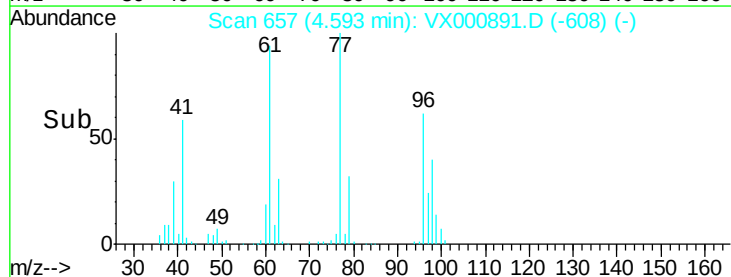
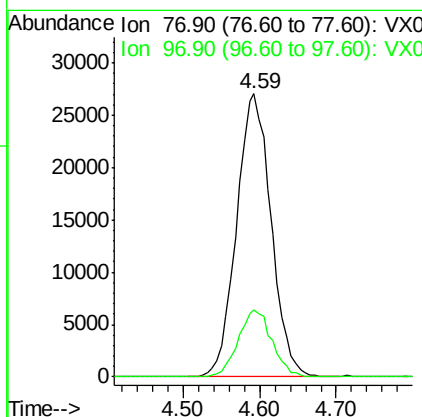
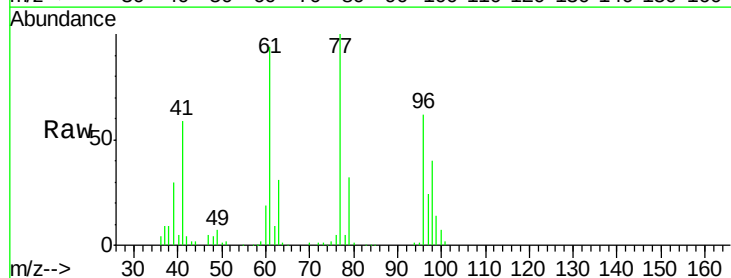
Acq: 15 Apr 2018 12:48

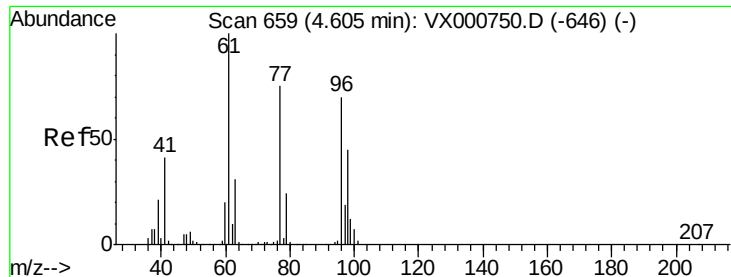
Tgt Ion: 77 Resp: 84693

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.34 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

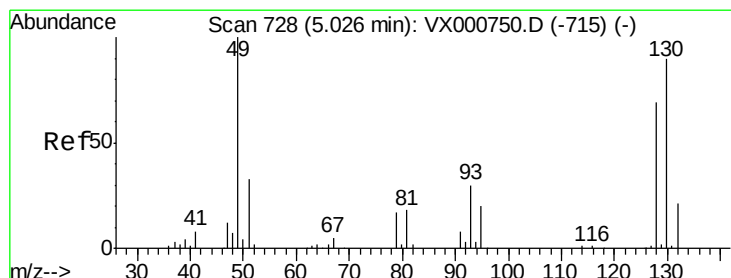
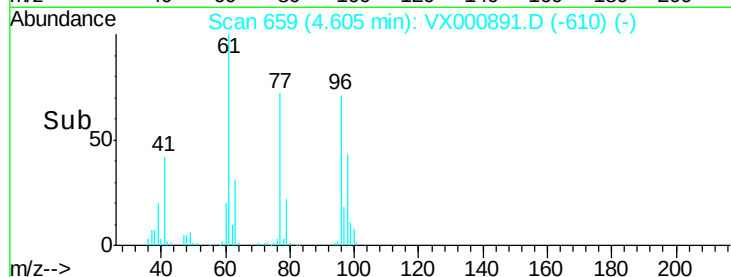
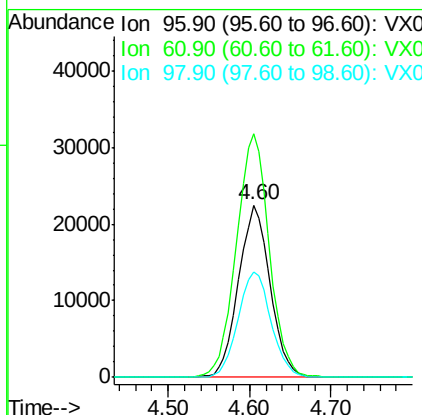
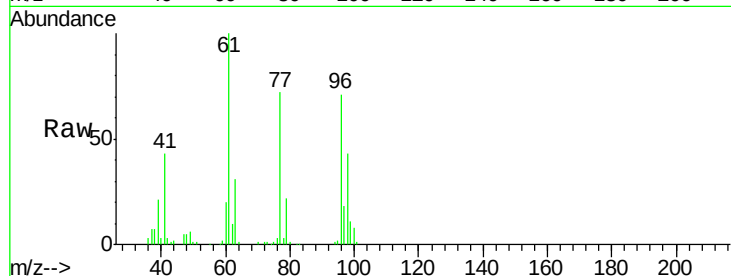
ClientSampleId :

VX0415WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	146.7		0.0	292.4	
98	63.9		0.0	130.2	

Manual Integrations
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#28

Bromochloromethane

Concen: 20.71 ug/l

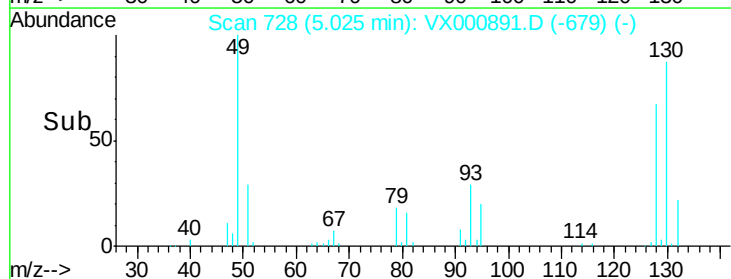
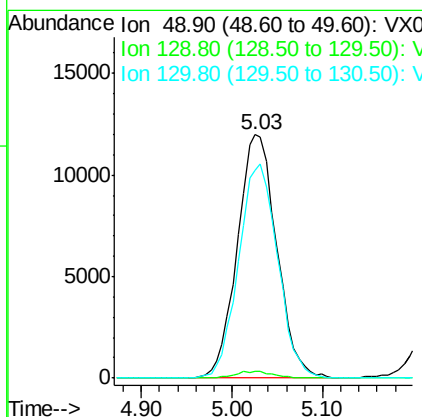
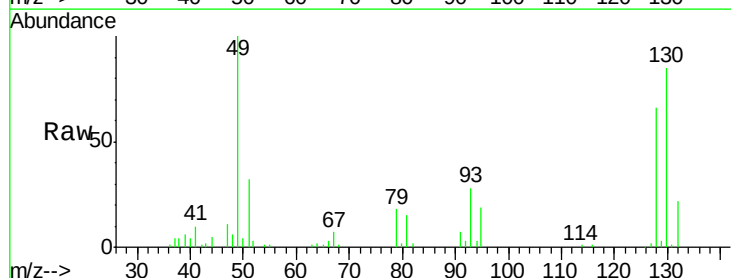
RT: 5.03 min Scan# 728

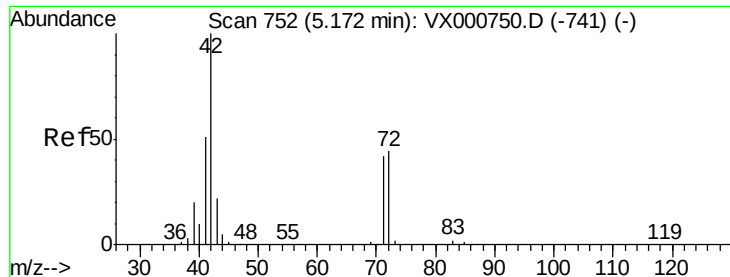
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	2.5		0.0	5.2	
130	87.4		72.6	109.0	





#29

Tetrahydrofuran

Concen: 105.42 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

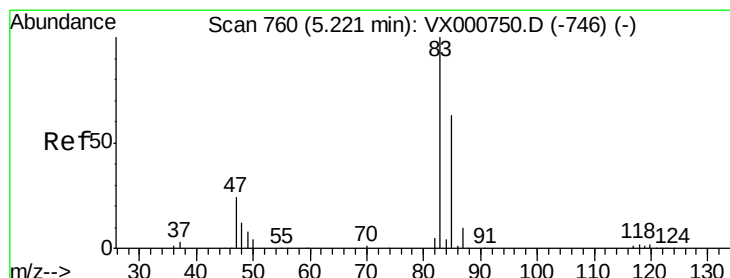
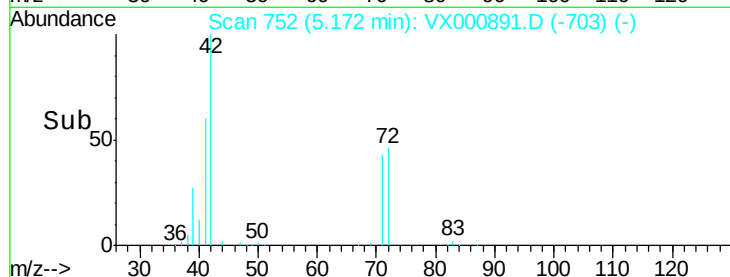
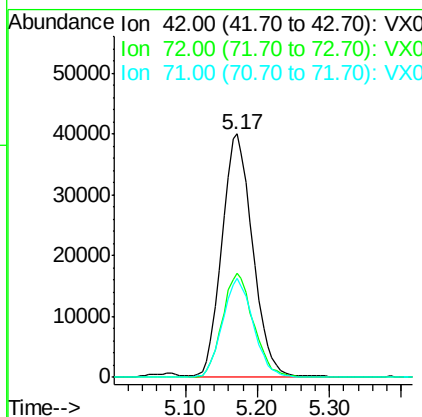
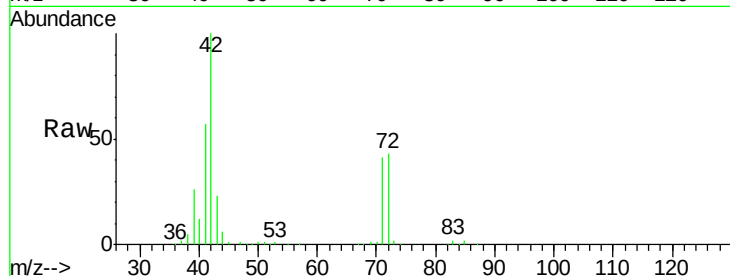
ClientSampleId :

VX0415WBS01

Tot Ion:	42	Resp:	118533
Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.1	52.7
71	40.8	32.8	49.2

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#30

Chloroform

Concen: 21.60 ug/l

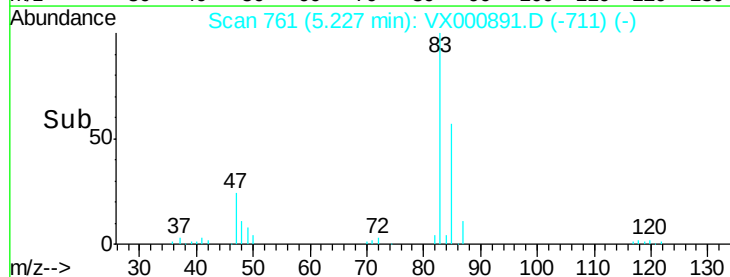
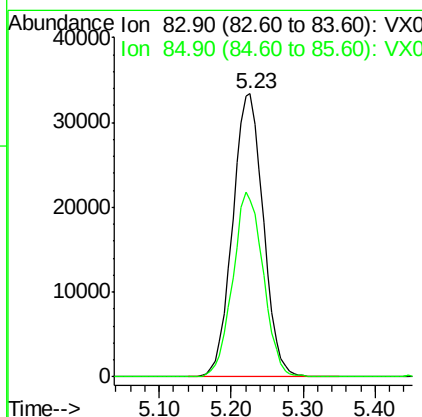
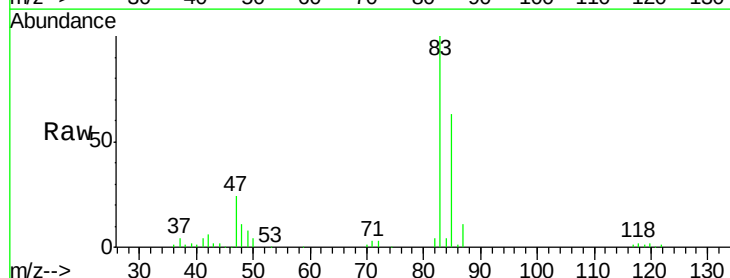
RT: 5.23 min Scan# 761

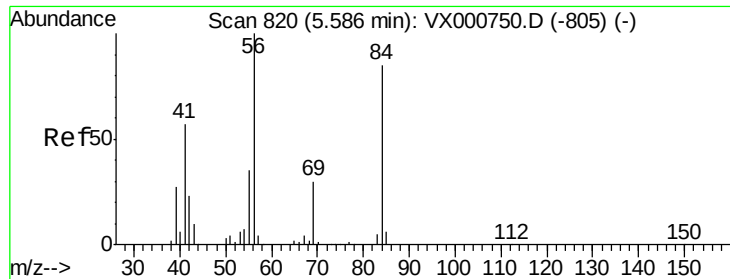
Delta R.T. 0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	83	Resp:	98717
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.7	76.1





#31

Cyclohexane

Concen: 20.43 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

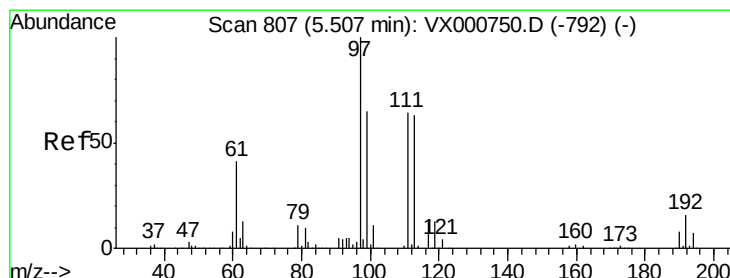
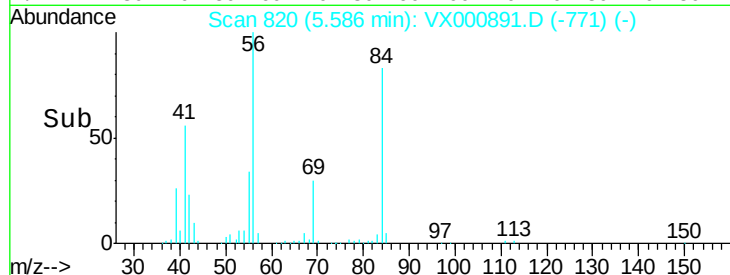
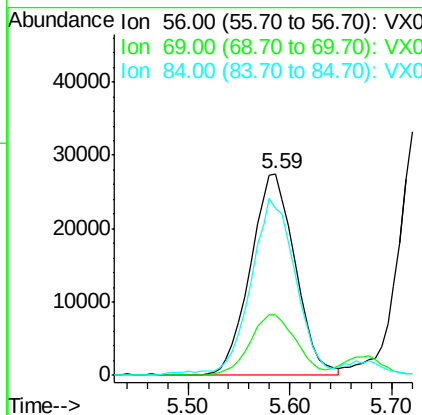
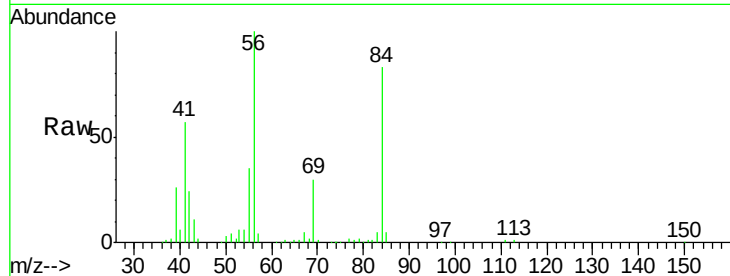
ClientSampleId :

VX0415WBS01

Tot Ion:	56	Resp:	83760
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.2	36.4
84	80.8	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.65 ug/l

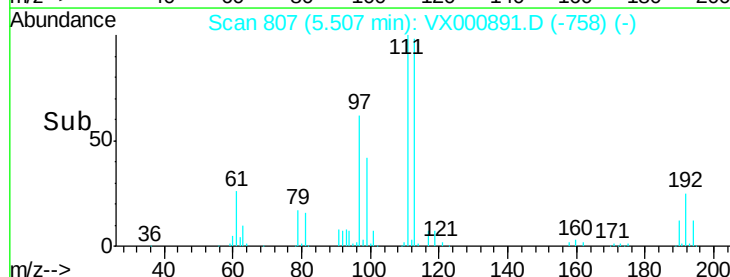
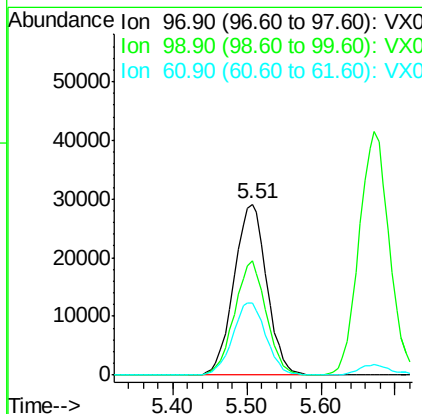
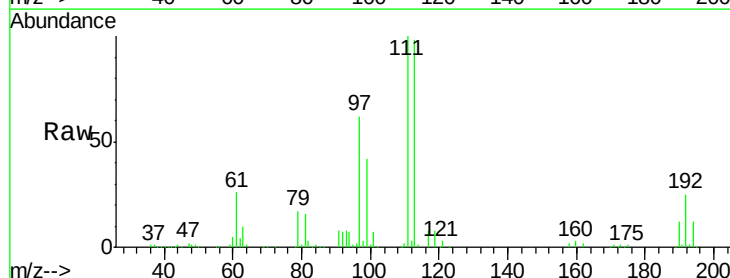
RT: 5.51 min Scan# 807

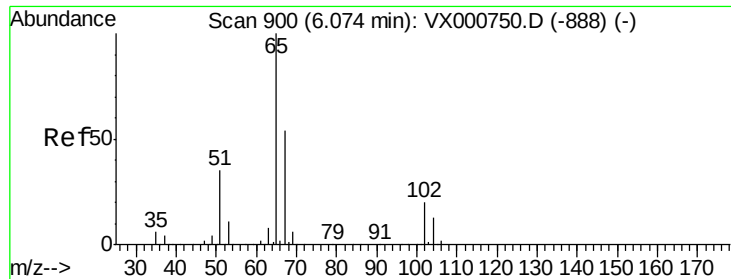
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	97	Resp:	89900
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	43.0	33.7	50.5





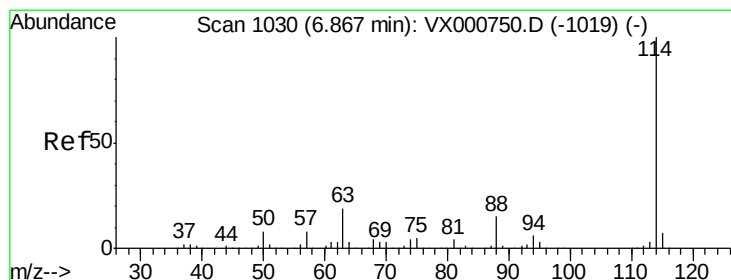
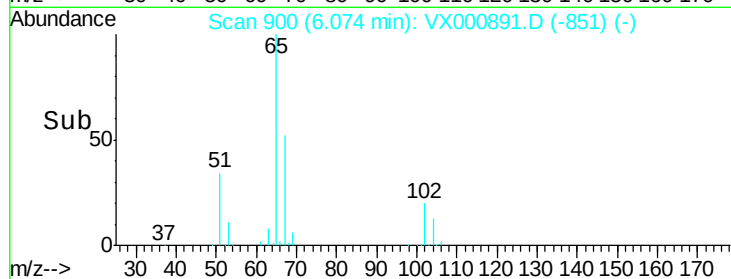
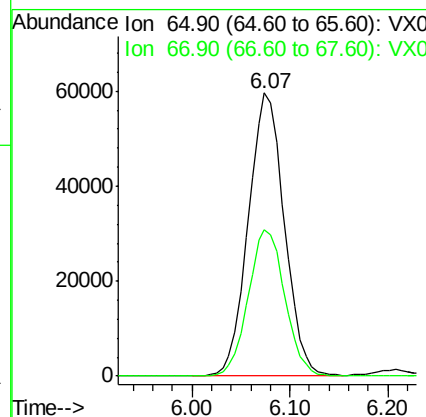
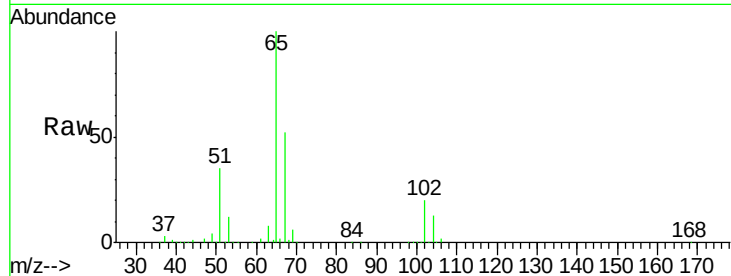
#33
 1,2-Dichloroethane-d4
 Concen: 49.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152425		
67	52.6	0.0	103.8	

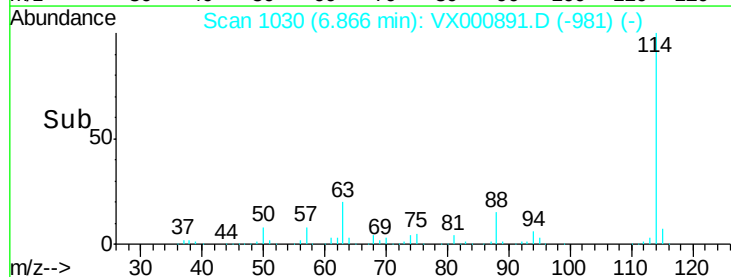
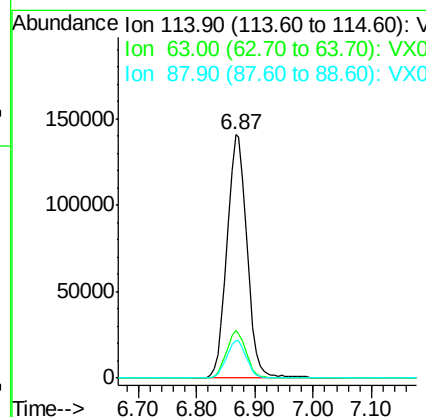
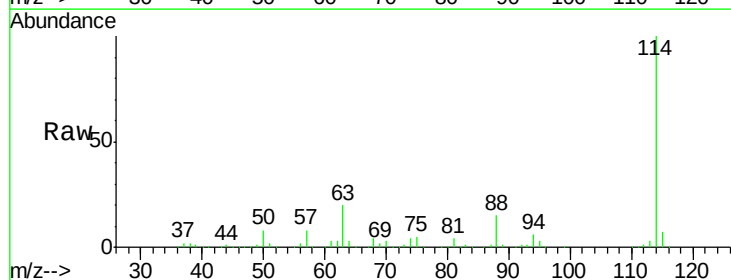
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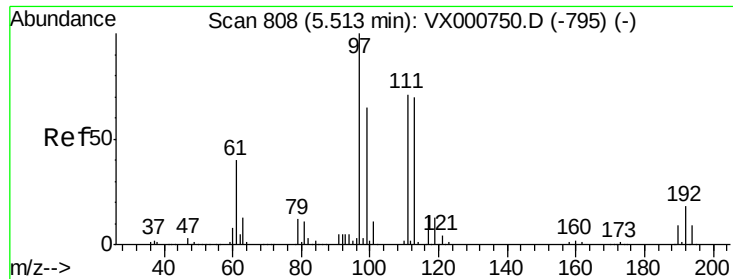
apatel
 4/16/2018 3:35:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337302		
63	19.7	0.0	38.4	
88	15.2	0.0	31.0	





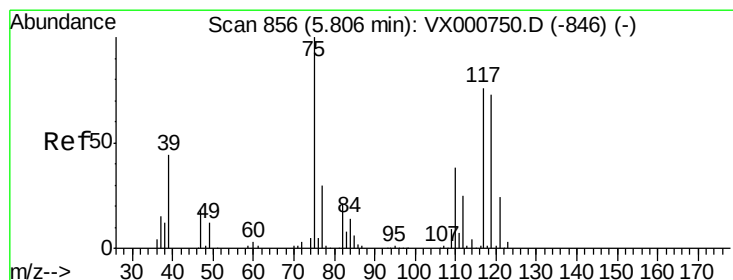
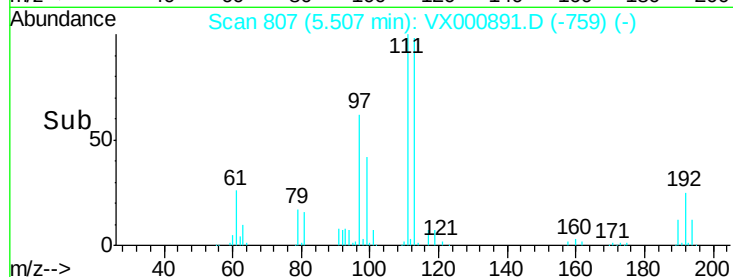
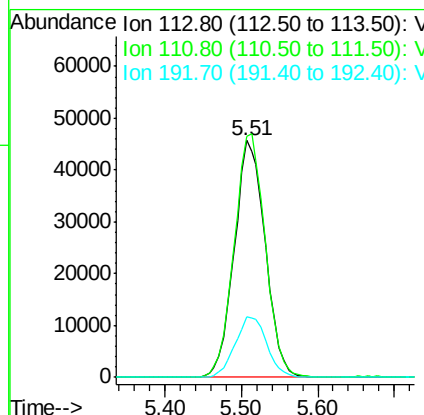
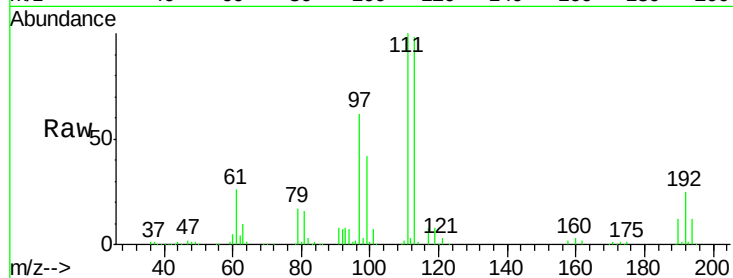
#35
 Dibromofluoromethane
 Concen: 49.28 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128059		
111	102.9	81.5	122.3	
192	26.1	20.4	30.6	

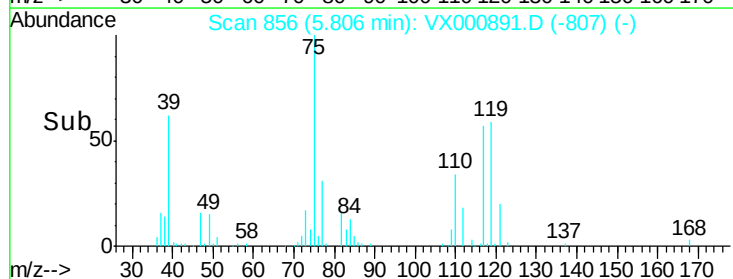
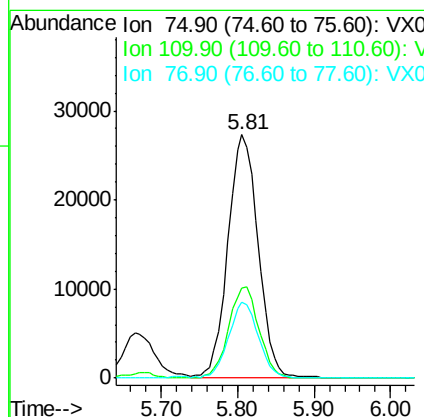
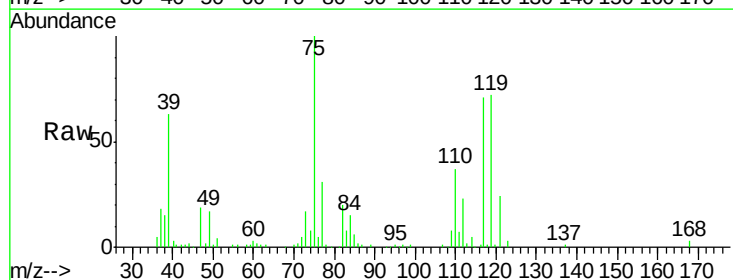
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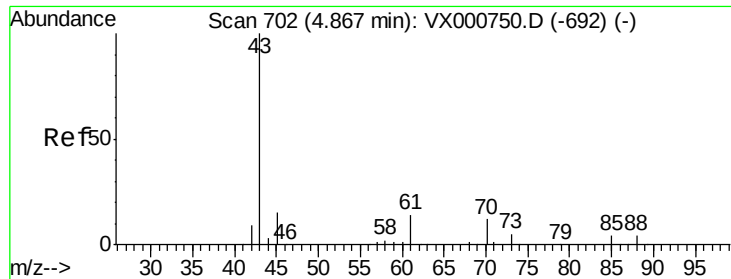
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.98 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74212		
110	37.8	19.2	57.6	
77	31.1	25.4	38.2	





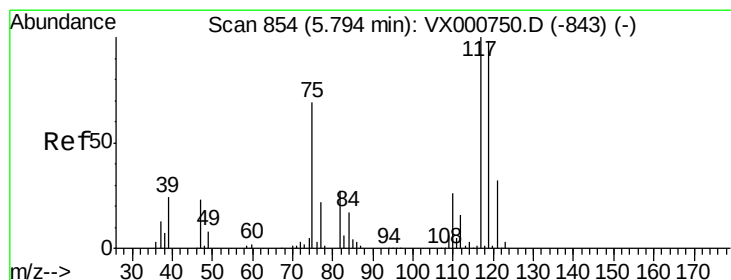
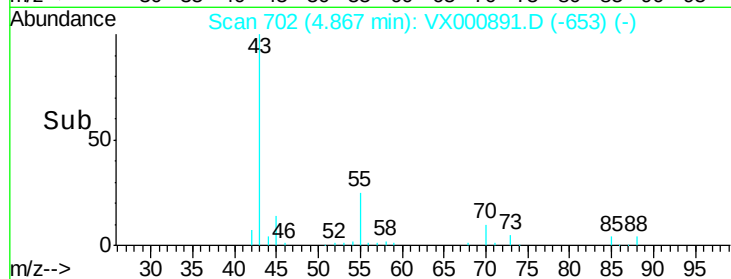
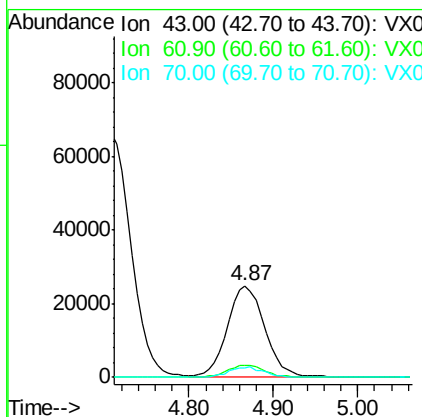
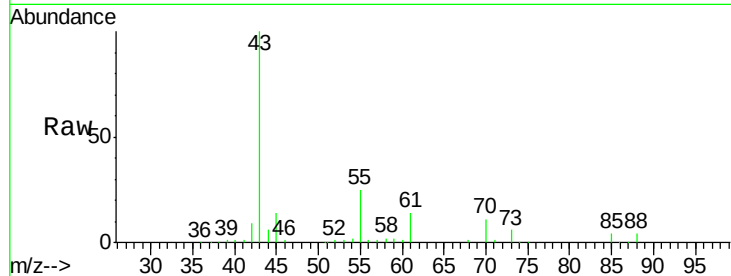
#37
Ethyl Acetate
Concen: 20.33 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.7	8.7	13.1

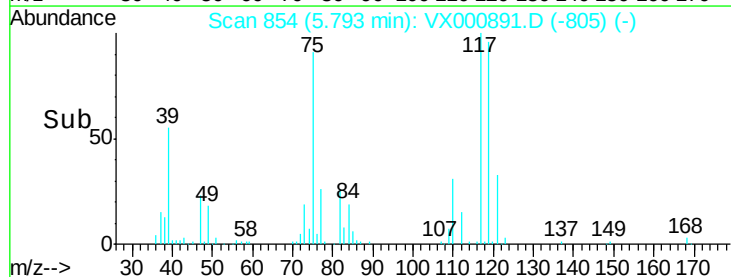
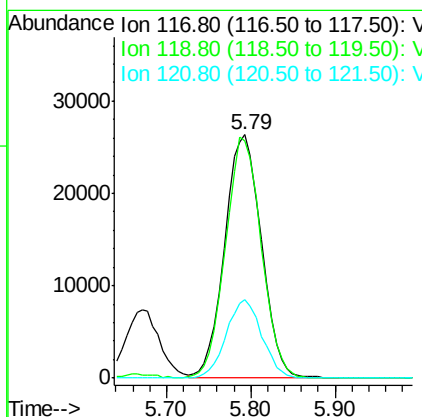
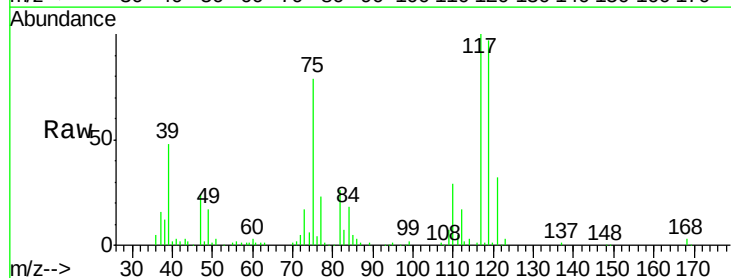
Manual Integrations
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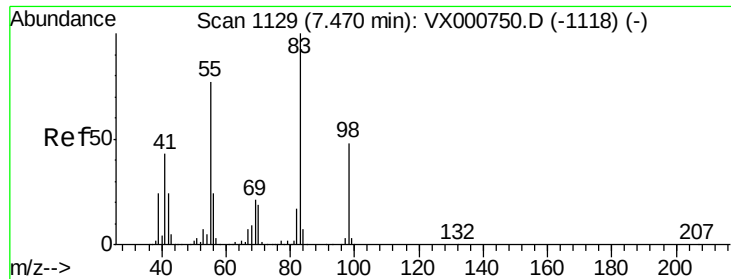
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#38
Carbon Tetrachloride
Concen: 18.76 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.4	117.6
121	32.6	25.4	38.0





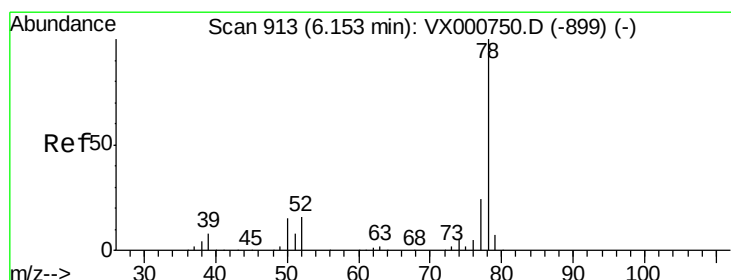
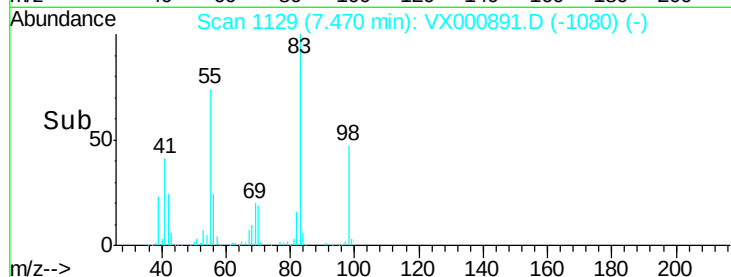
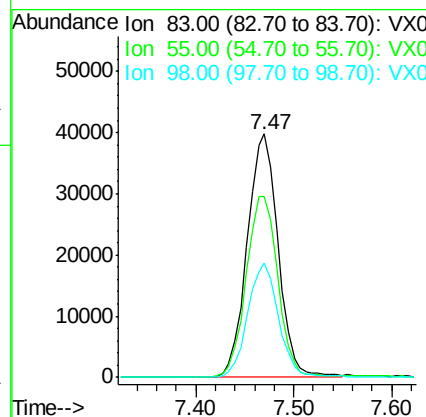
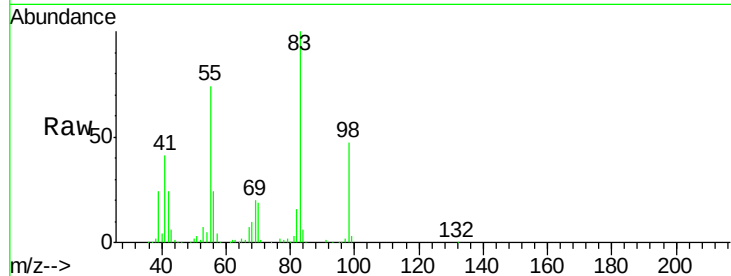
#39
Methylvlcyclohexane
Concen: 19.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	61.5	92.3
98	47.1	38.1	57.1

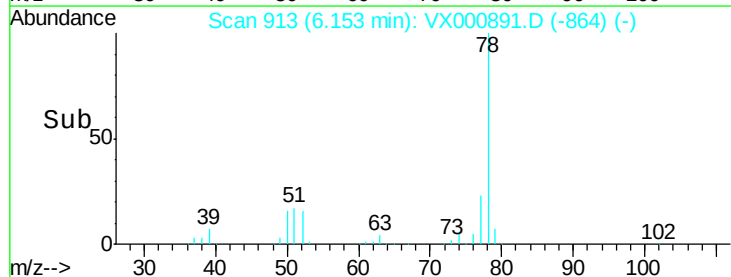
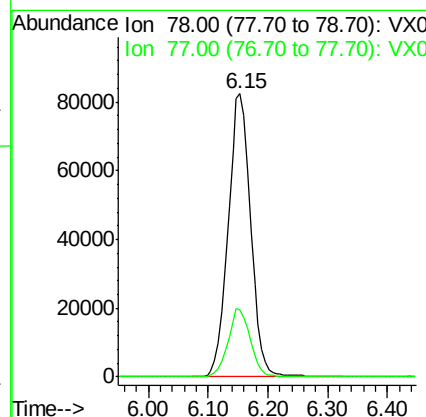
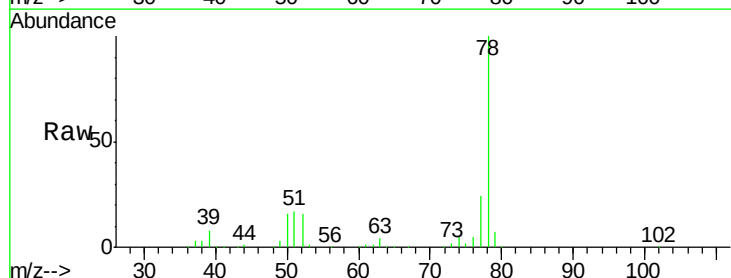
Manual Integrations
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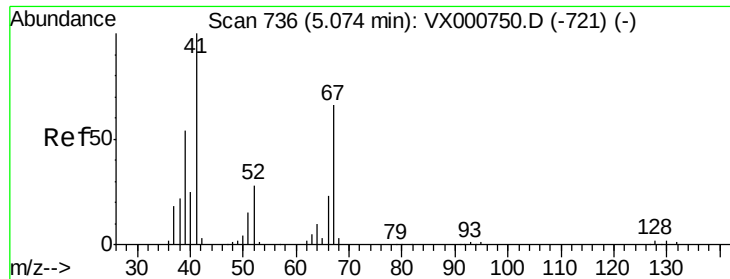
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#40
Benzene
Concen: 20.96 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





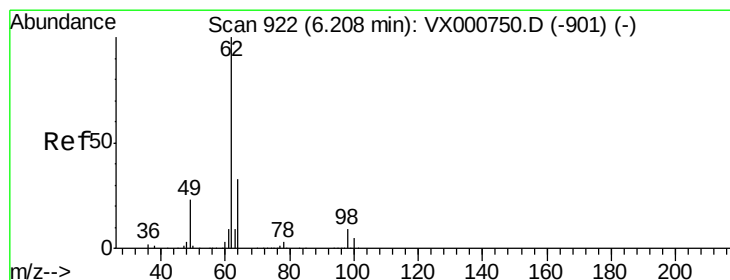
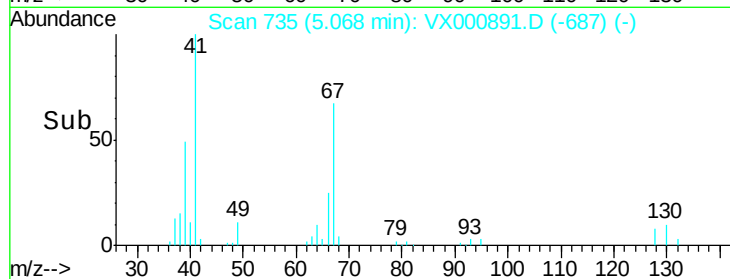
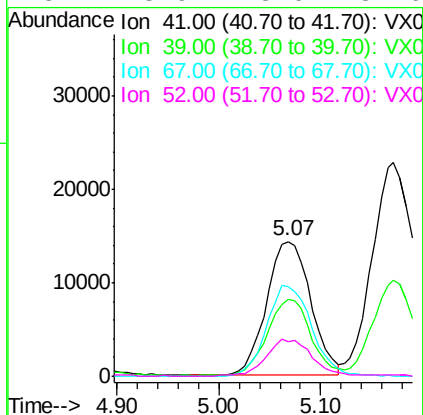
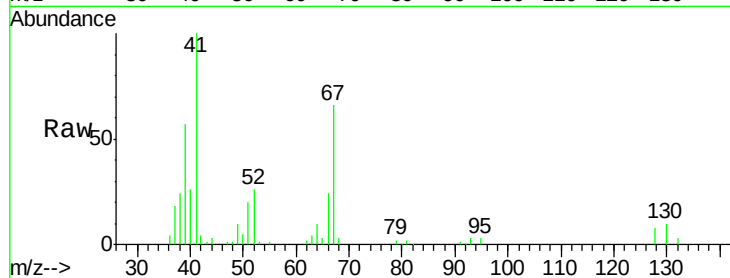
#41
Methacrylonitrile
Concen: 20.65 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.9	44.9	67.3	
67	69.0	54.7	82.1	
52	28.9	23.0	34.6	

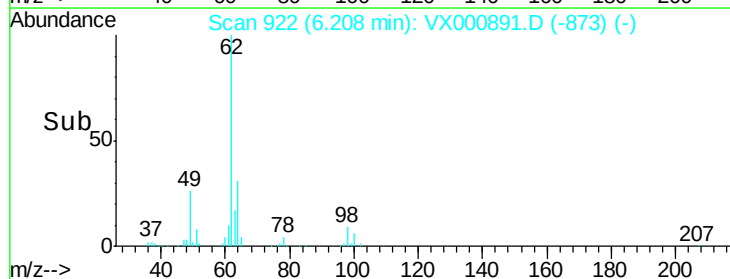
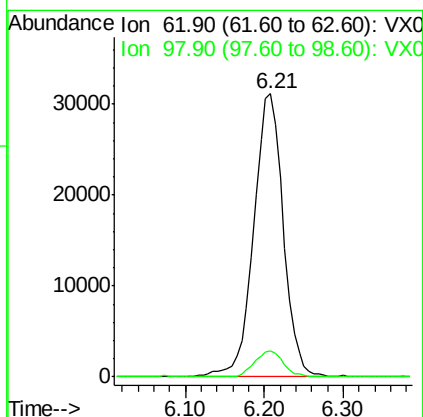
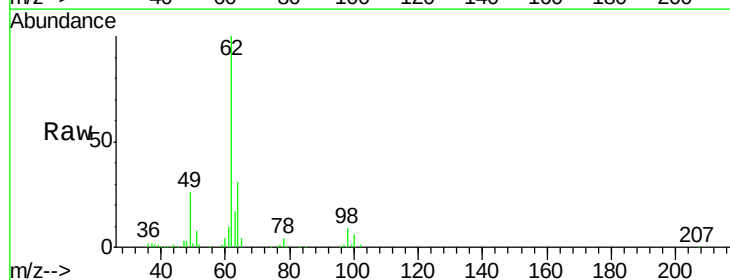
Manual Integrations
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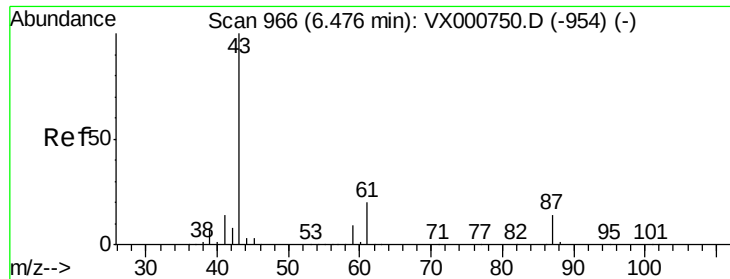
apatel
4/16/2018 3:35:00 PM



#42
1,2-Dichloroethane
Concen: 21.09 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.6	





#43

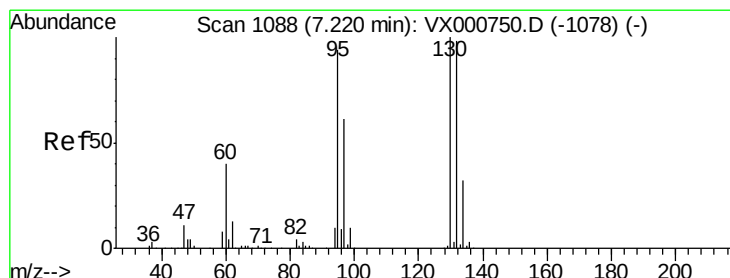
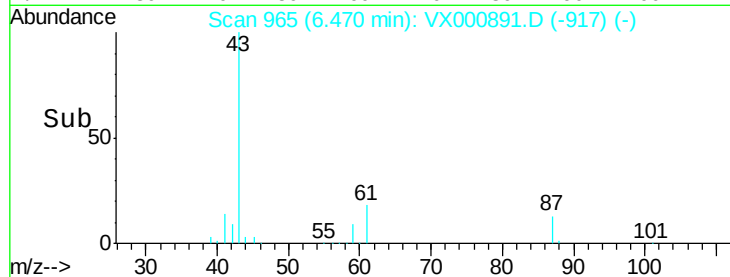
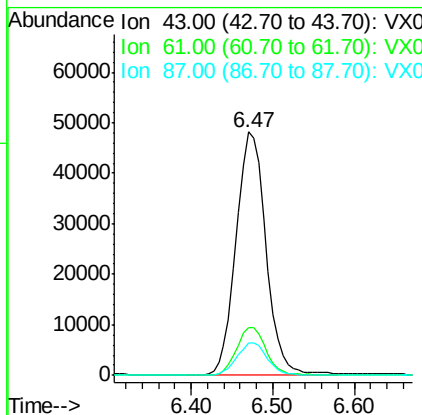
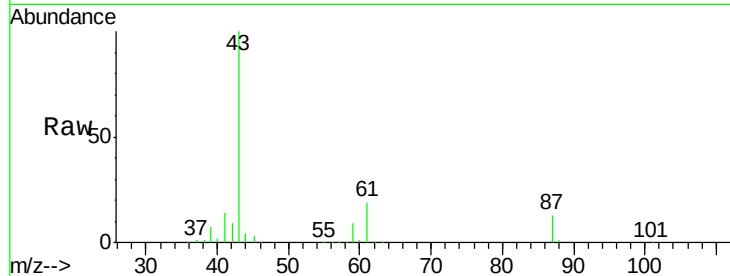
Isopropyl Acetate
 Concen: 19.69 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.6	23.4
87	13.5	10.7	16.1

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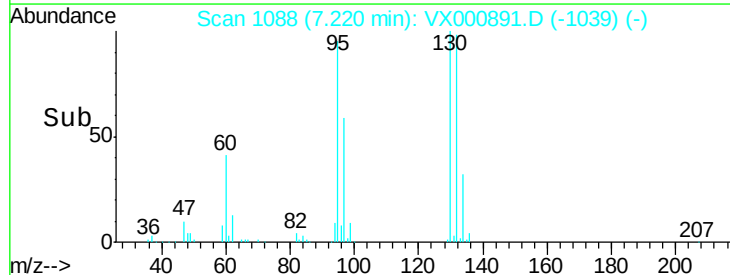
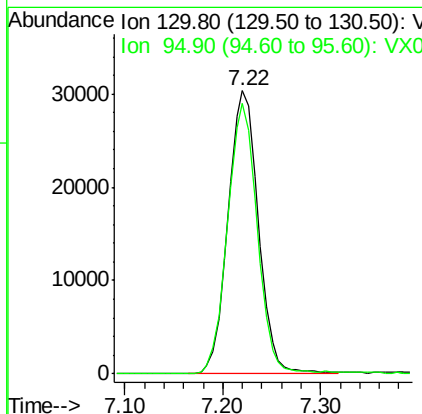
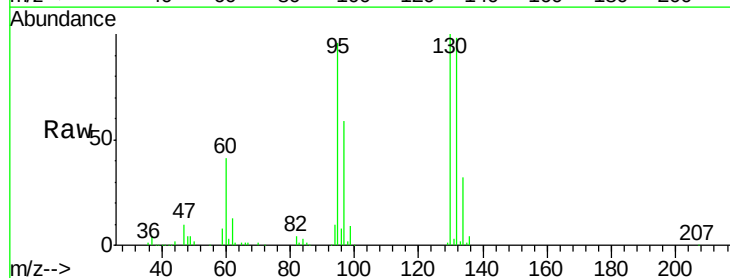
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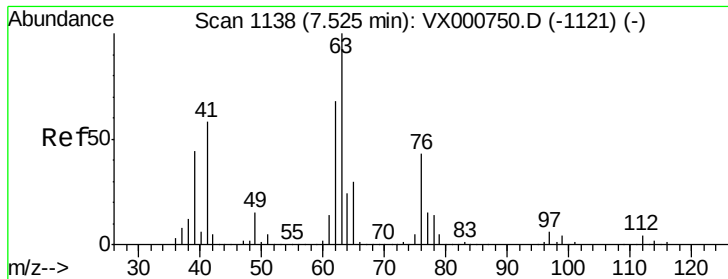


#44

Trichloroethene
 Concen: 20.42 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	187.0





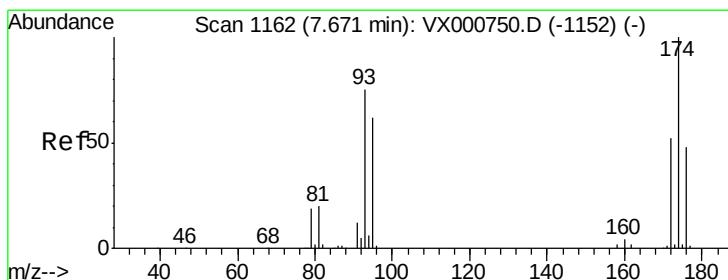
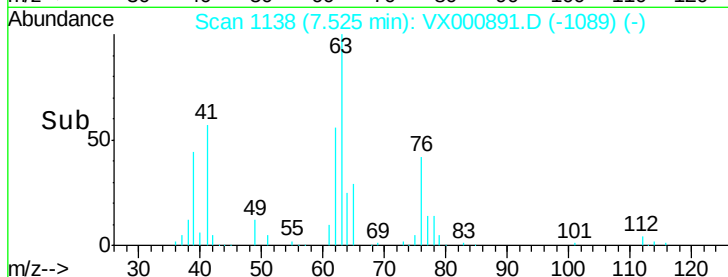
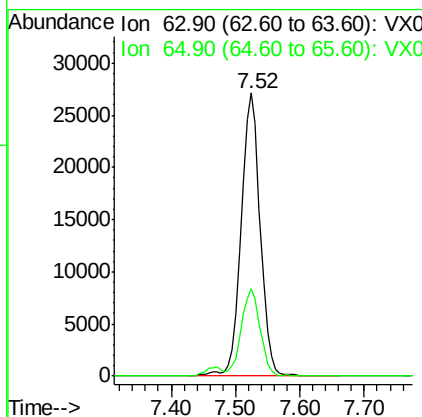
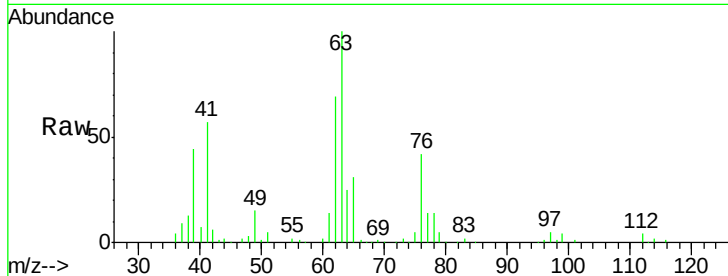
#45
 1,2-Dichloropropane
 Concen: 21.13 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0415WBS01

Tot Ion: 63 Resp: 55540
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.7 35.5

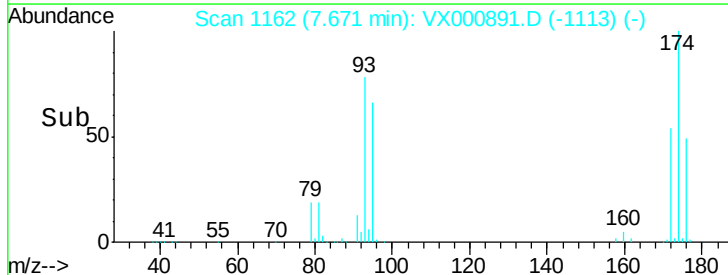
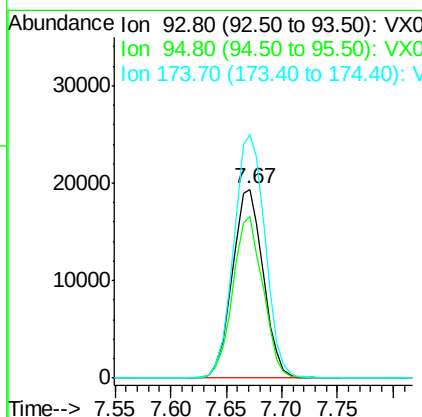
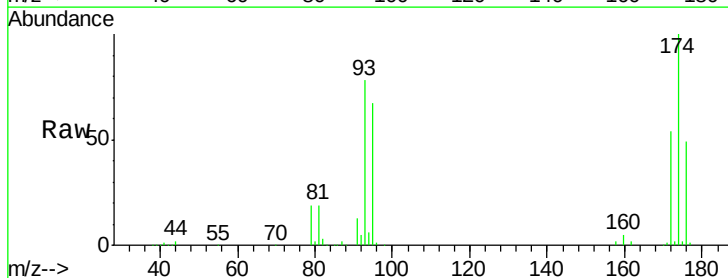
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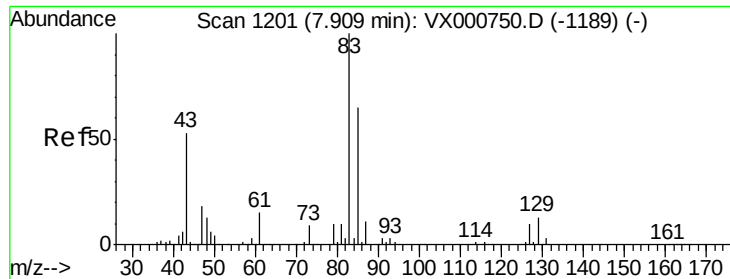
apatel
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#46
 Dibromomethane
 Concen: 20.30 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 93 Resp: 37200
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.6 100.0
 174 131.0 104.5 156.7





#47

Bromodichloromethane

Concen: 19.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

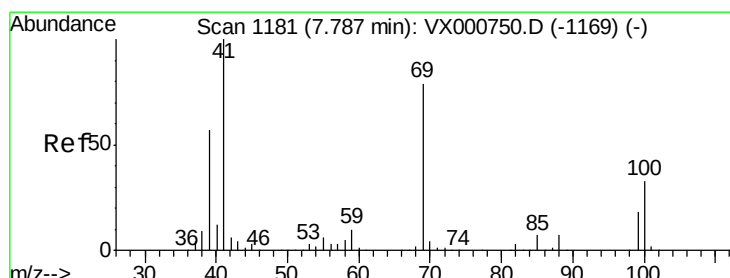
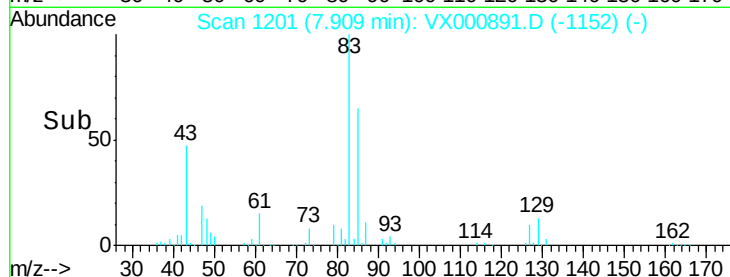
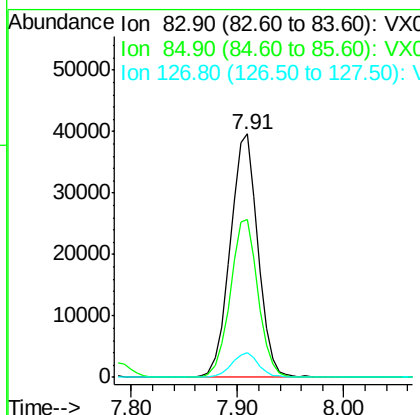
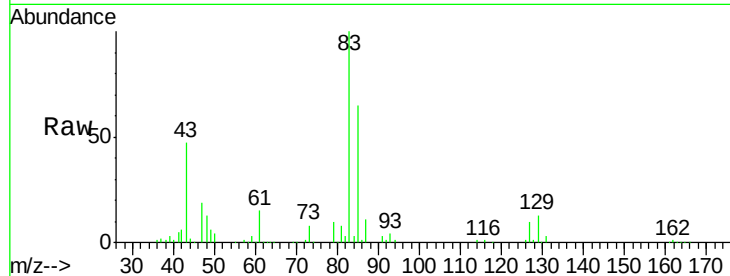
ClientSampleId :

VX0415WBS01

Tot Ion:	83	Resp:	72120
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4
127	10.0	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.30 ug/l

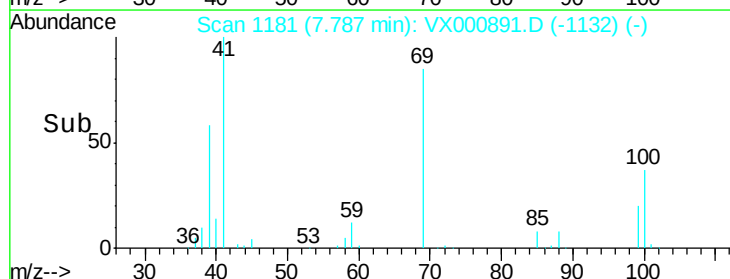
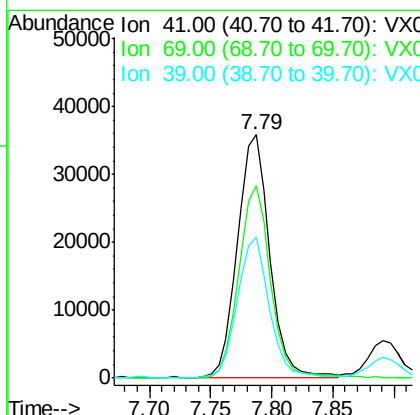
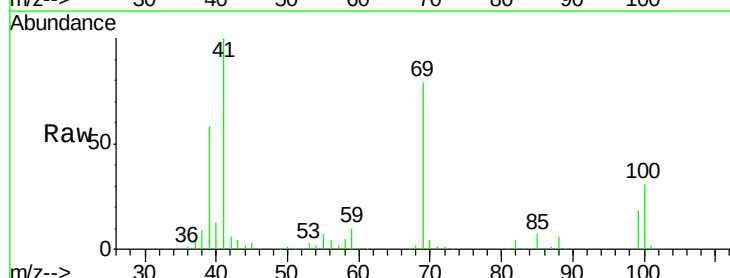
RT: 7.79 min Scan# 1181

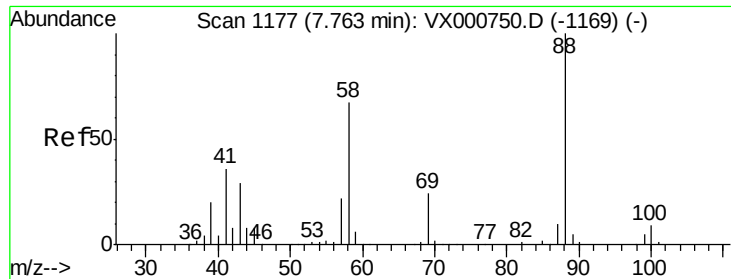
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	41	Resp:	65434
Ion	Ratio	Lower	Upper
41	100		
69	78.9	63.9	95.9
39	57.2	45.9	68.9





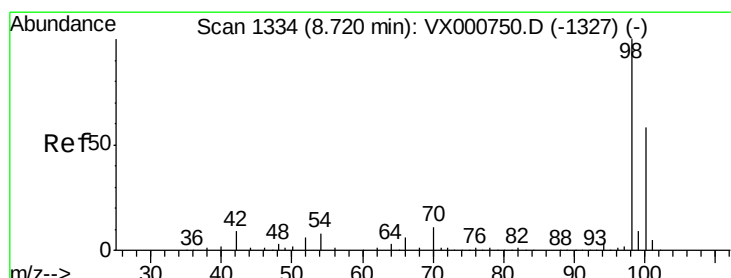
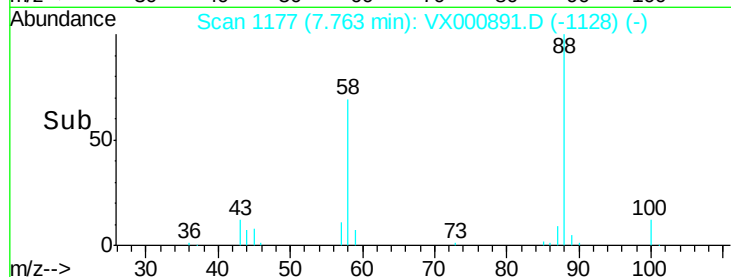
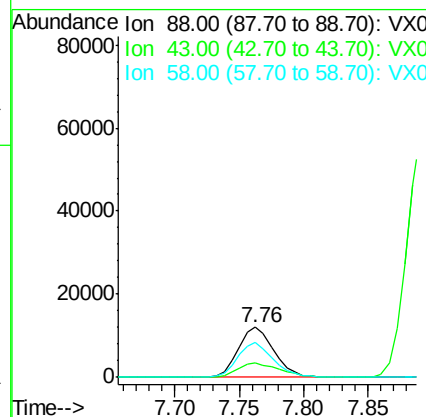
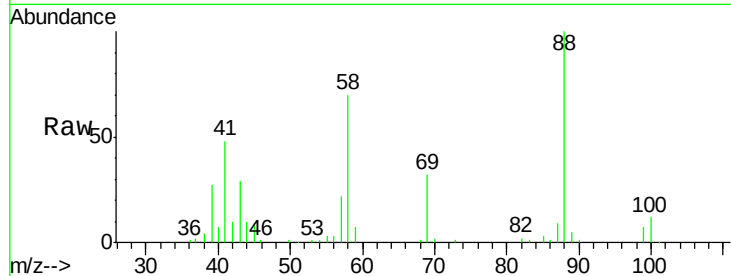
#49
1,4-Dioxane
Concen: 361.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.8	38.8
58	70.0	54.4	81.6

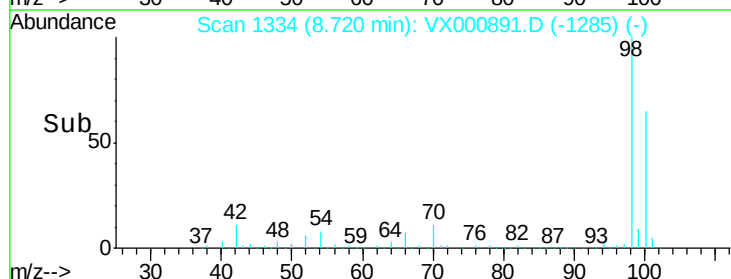
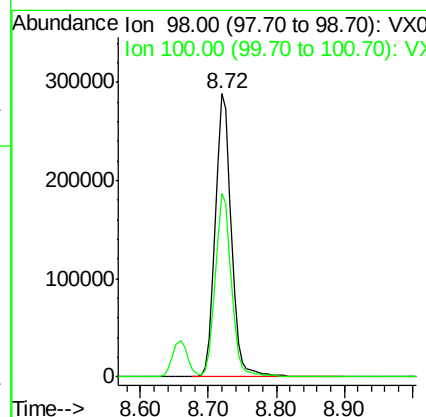
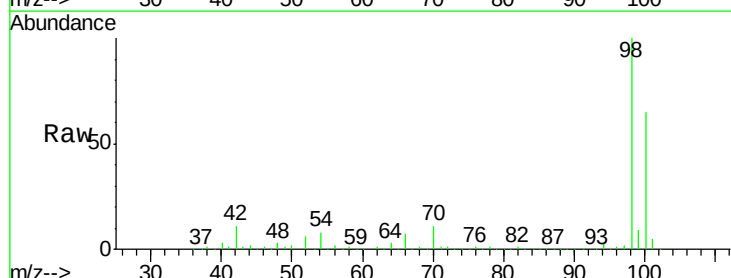
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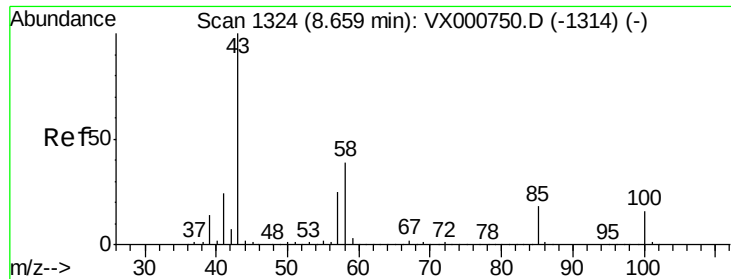
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#50
Toluene-d8
Concen: 48.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 104.73 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

VX0415WBS01

Tot Ion: 43 Resp: 382486

Ion Ratio Lower Upper

43 100

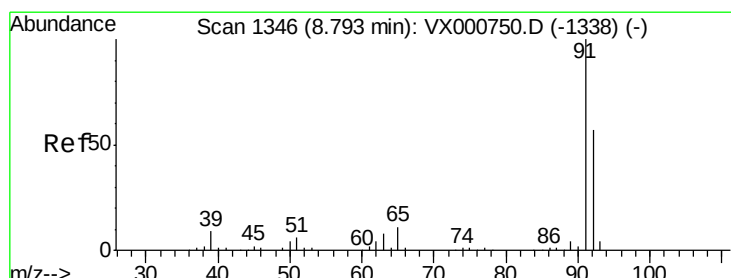
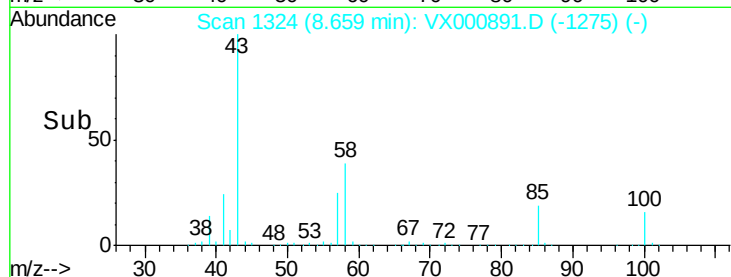
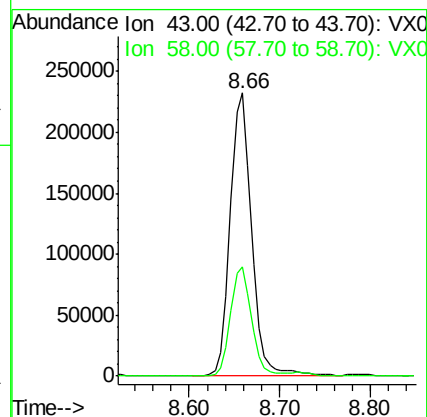
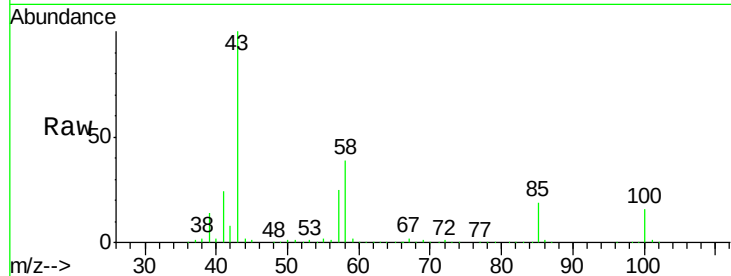
58 37.7 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 20.69 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000891.D

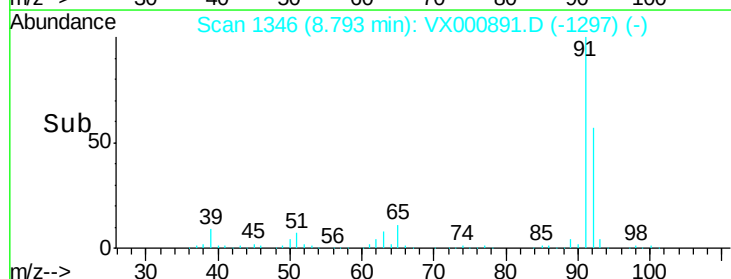
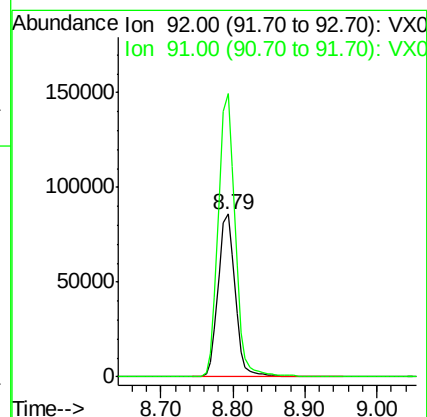
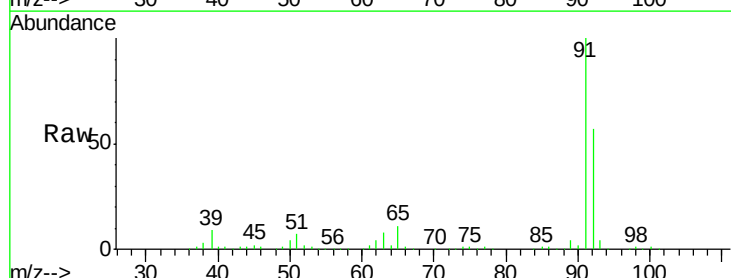
Acq: 15 Apr 2018 12:48

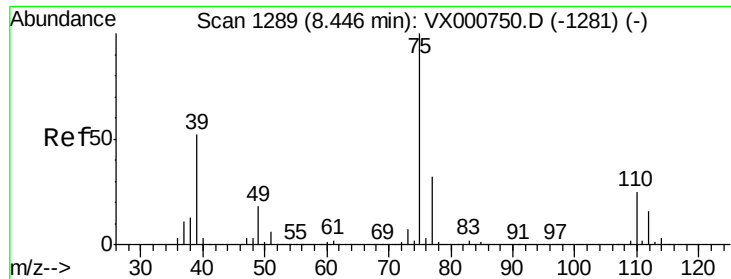
Tgt Ion: 92 Resp: 141655

Ion Ratio Lower Upper

92 100

91 172.8 139.0 208.4





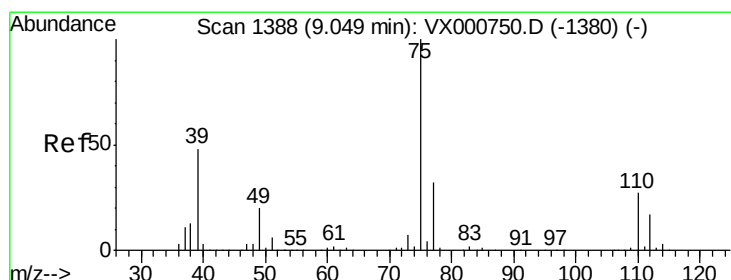
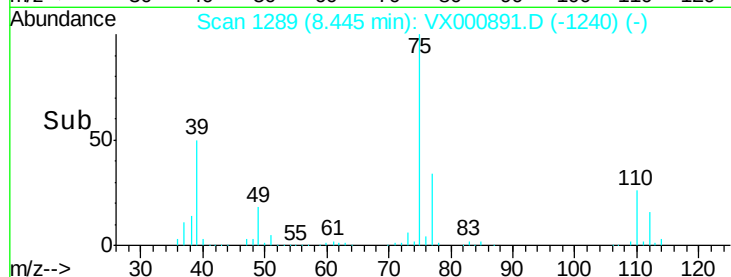
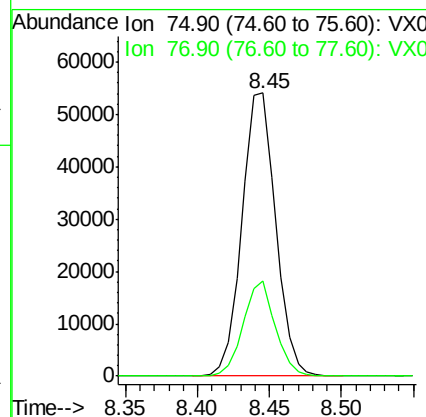
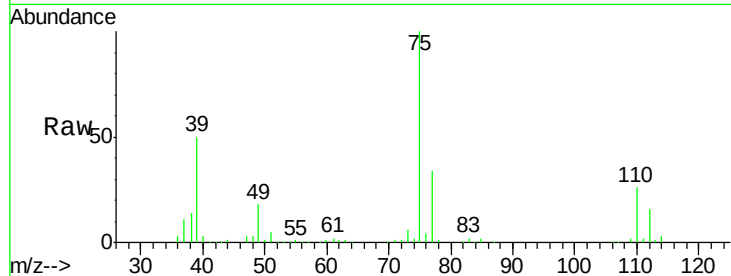
#53
 t-1,3-Dichloropropene
 Concen: 19.84 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion: 75 Resp: 88021
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.2

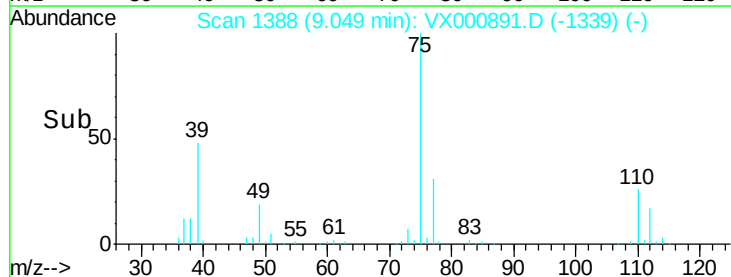
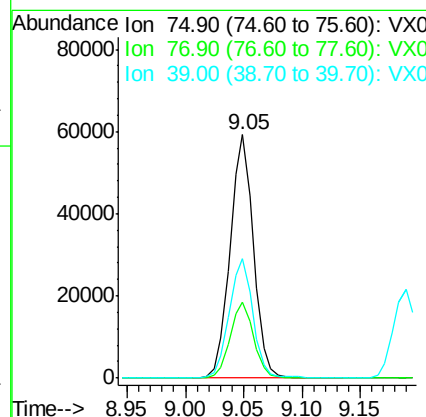
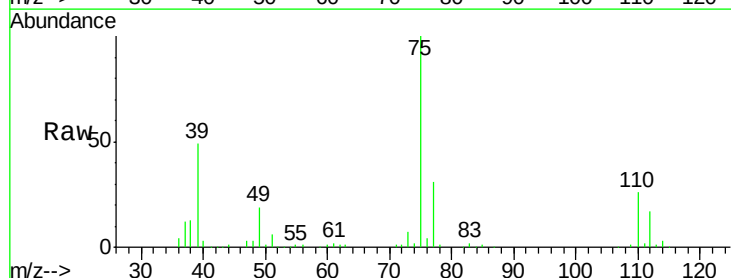
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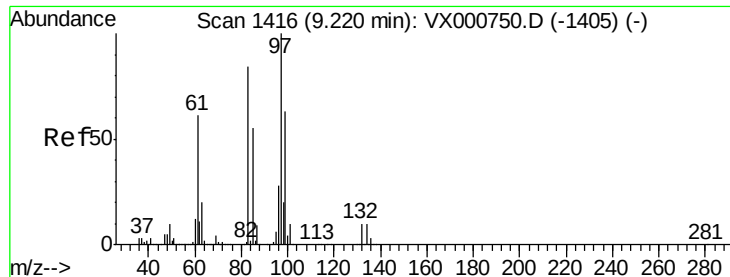
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#54
 cis-1,3-Dichloropropene
 Concen: 19.05 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 75 Resp: 82301
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2
 39 48.7 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 21.02 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 97 Resp: 57152

Ion Ratio Lower Upper

97 100

83 84.9 67.6 101.4

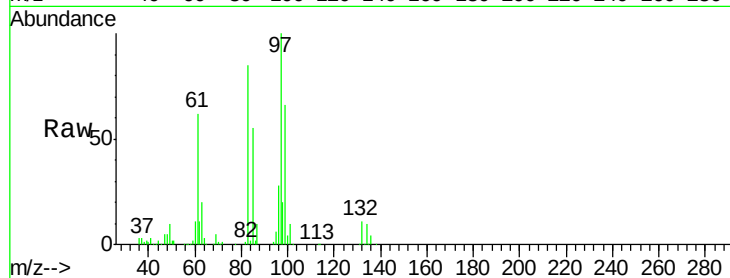
85 54.8 43.8 65.6

99 65.6 50.2 75.4

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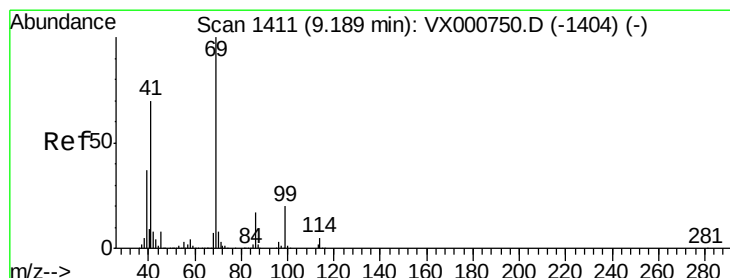
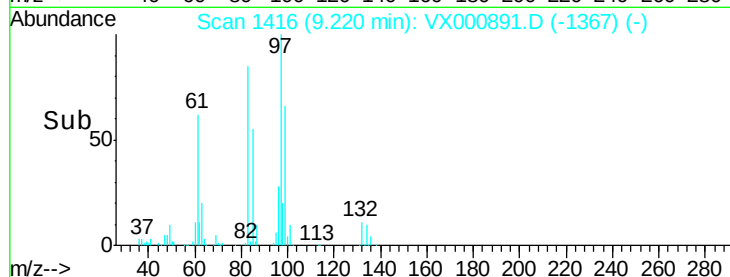
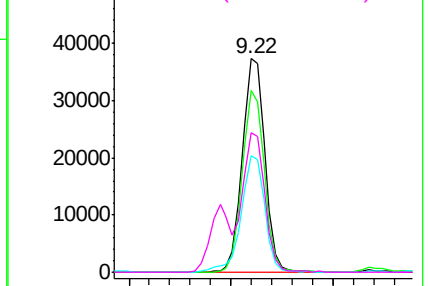


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.22 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

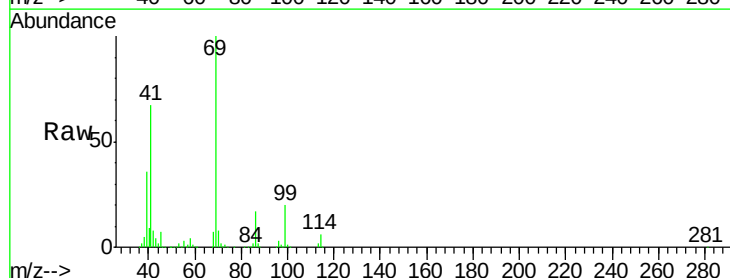
Tgt Ion: 69 Resp: 84792

Ion Ratio Lower Upper

69 100

41 67.6 55.6 83.4

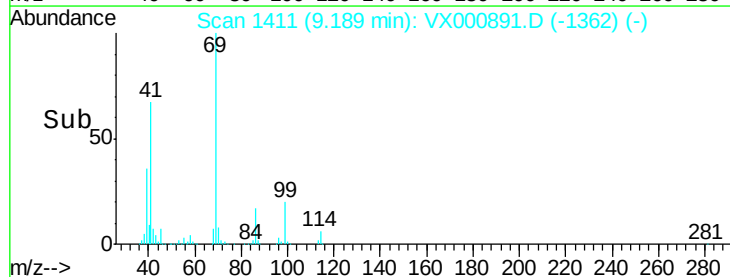
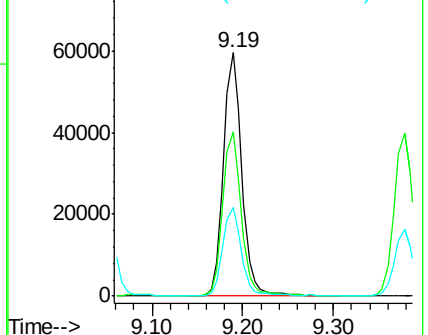
39 36.7 30.3 45.5

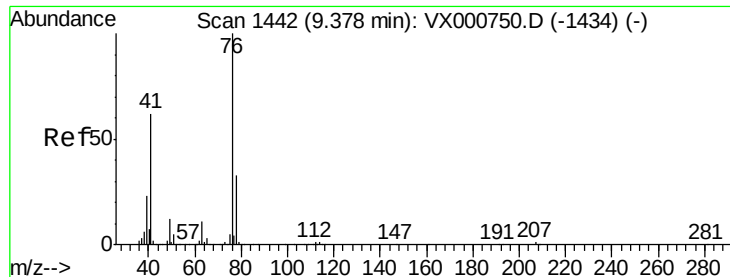


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





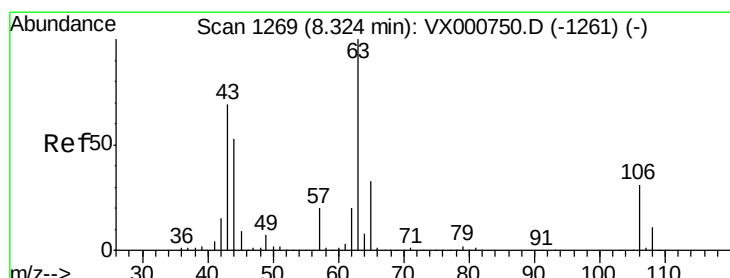
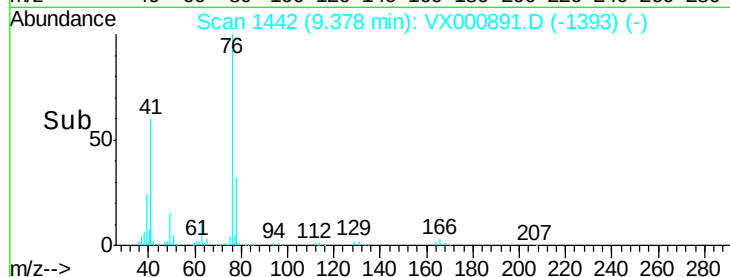
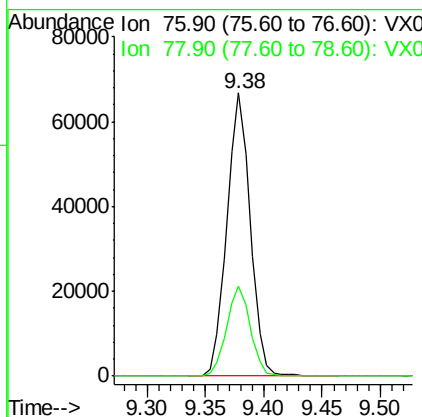
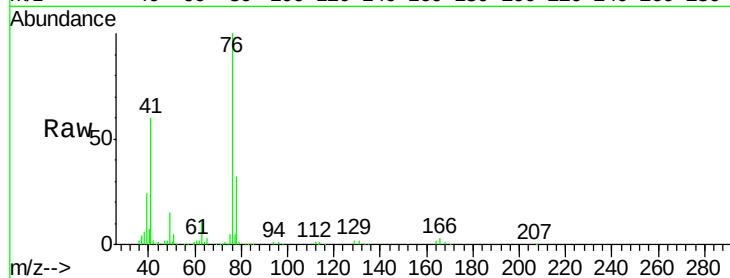
#57
 1,3-Dichloropropane
 Concen: 21.55 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

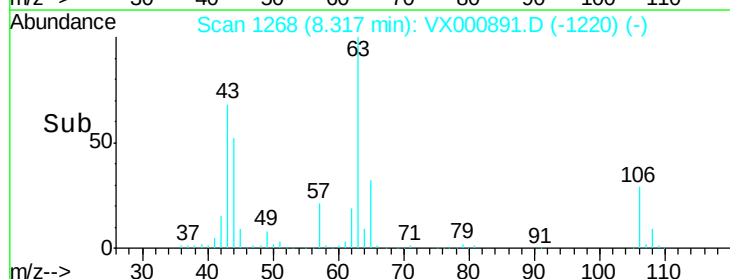
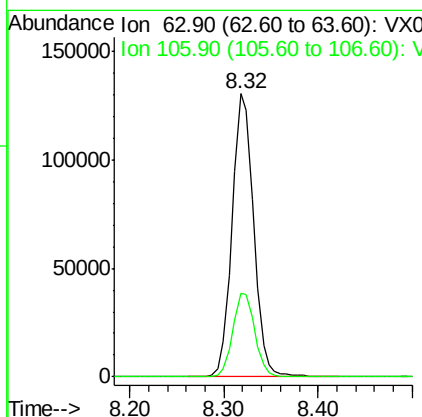
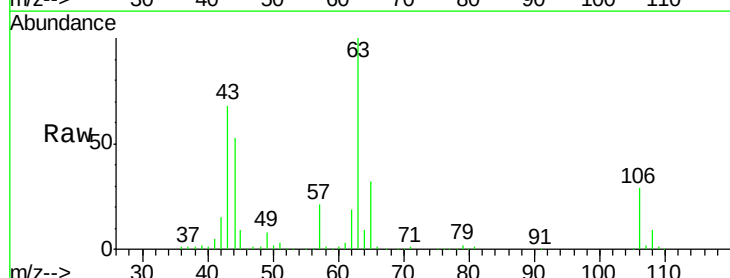
Manual Integrations
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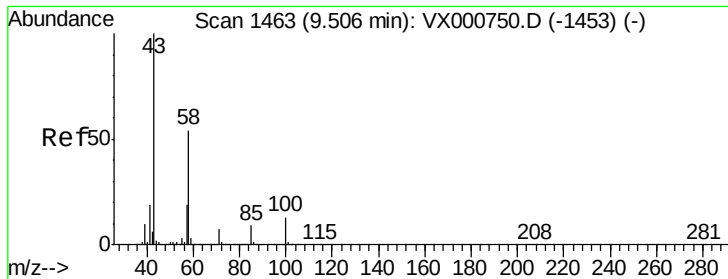
apatel
 4/16/2018 3:35:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.31 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.3	36.5





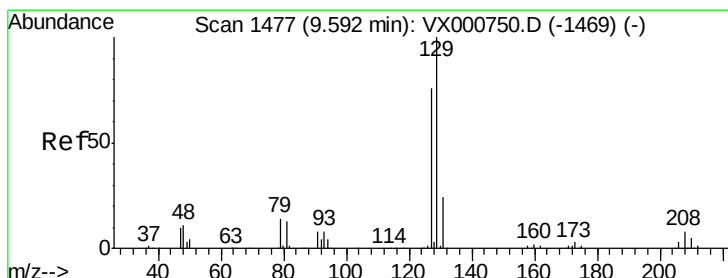
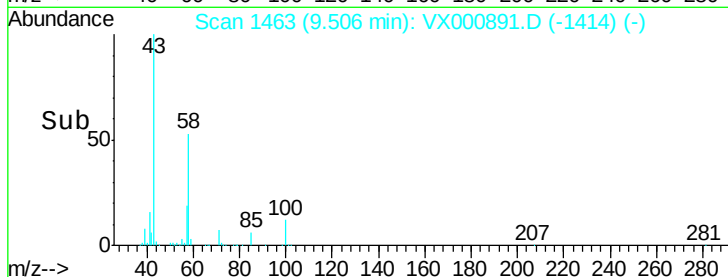
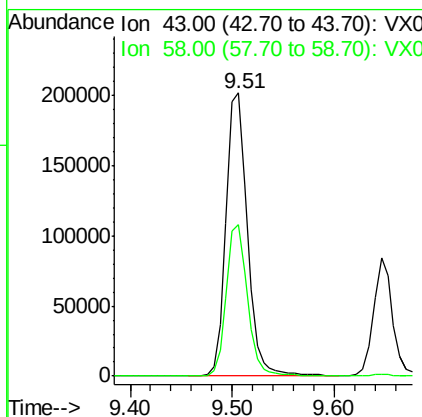
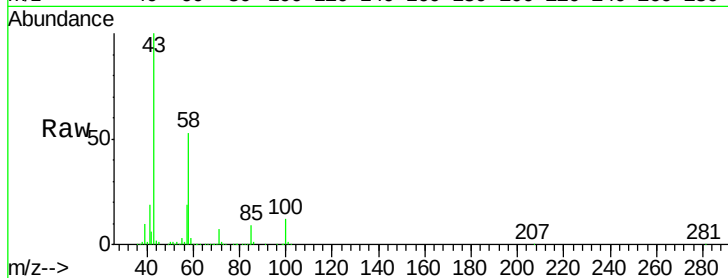
#59
2-Hexanone
Concen: 103.84 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.5	79.5

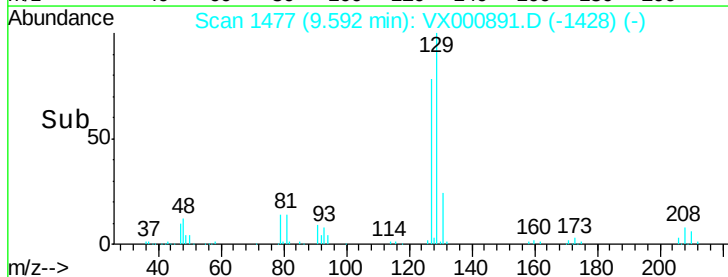
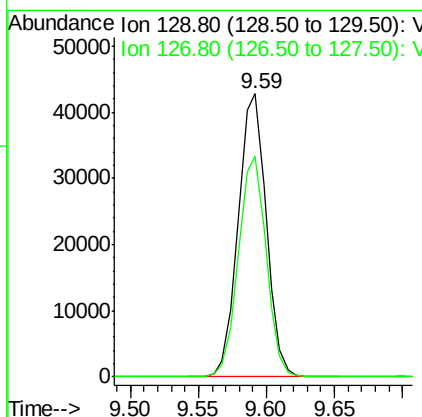
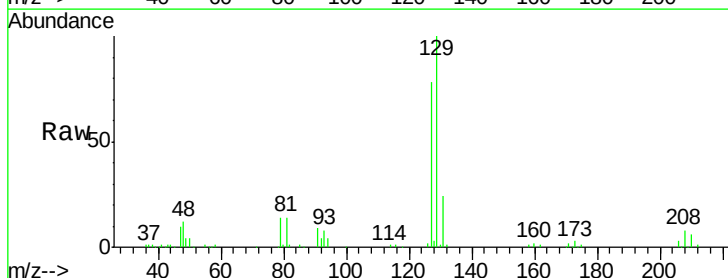
Manual Integrations
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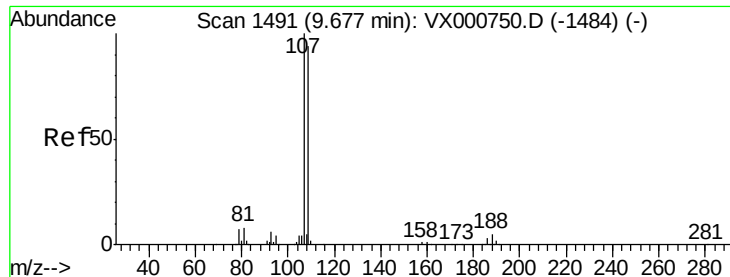
apatel
4/16/2018 3:35:00 PM



#60
Dibromochloromethane
Concen: 18.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.1





#61

1,2-Dibromoethane

Concen: 20.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion:107 Resp: 60260

Ion Ratio Lower Upper

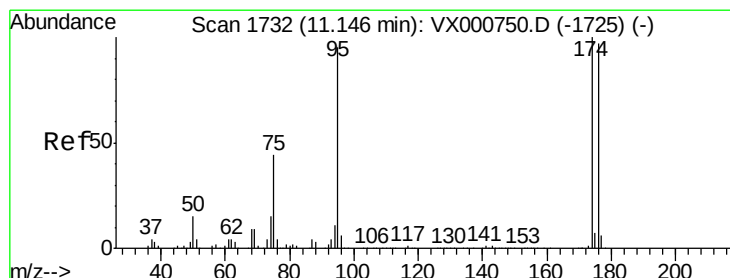
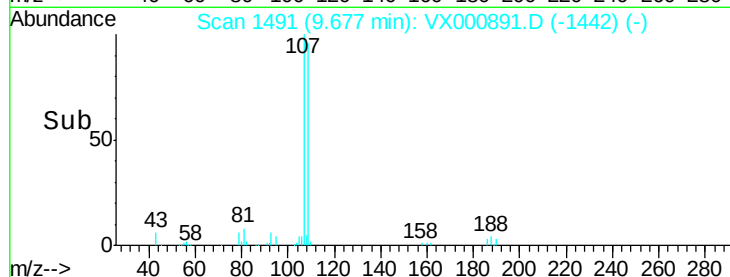
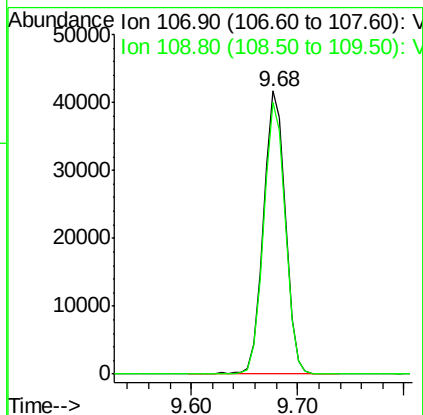
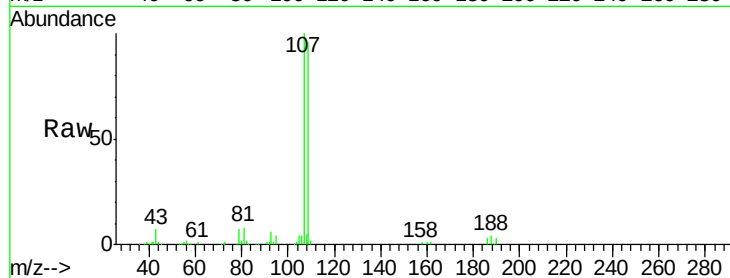
107 100

109 95.4 76.2 114.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

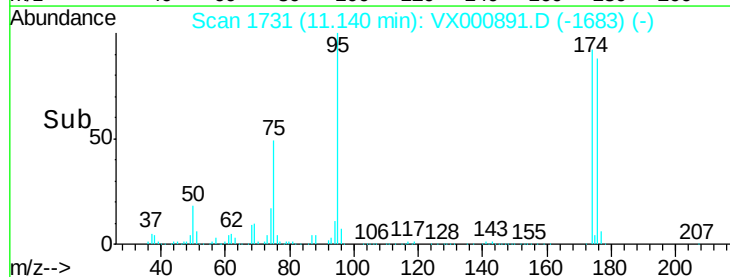
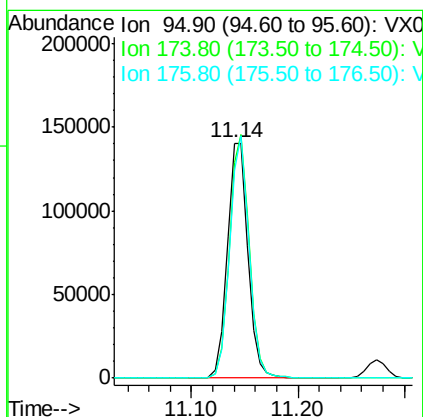
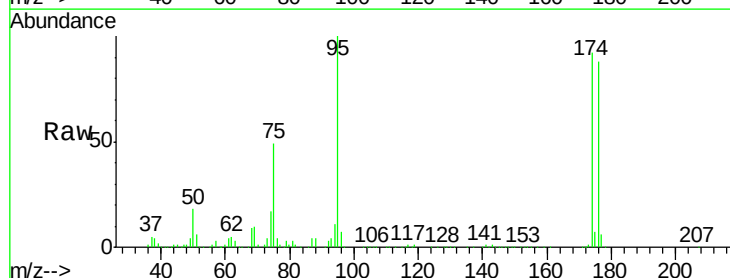
Tgt Ion: 95 Resp: 191045

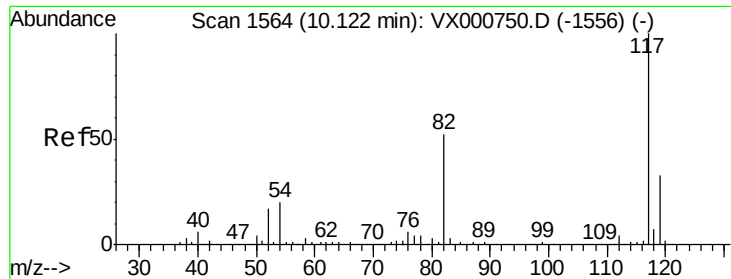
Ion Ratio Lower Upper

95 100

174 99.3 0.0 198.4

176 96.9 0.0 194.4





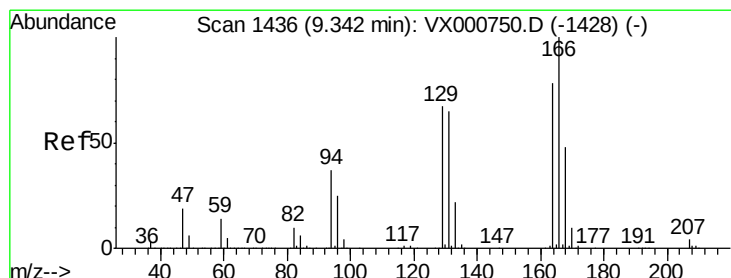
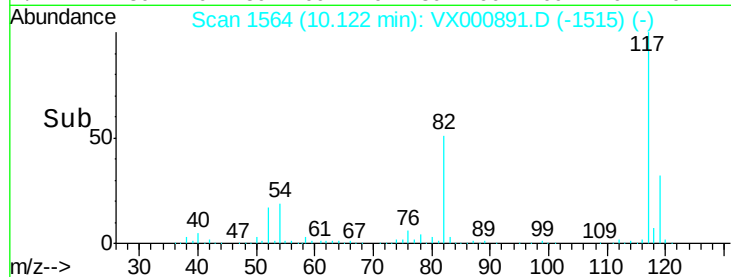
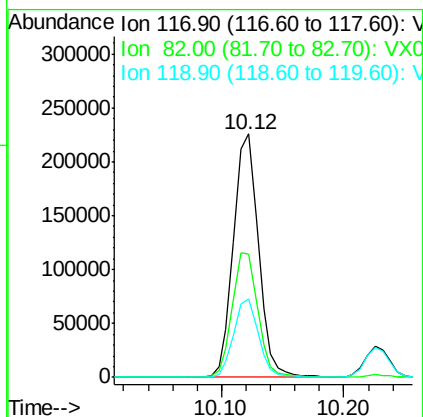
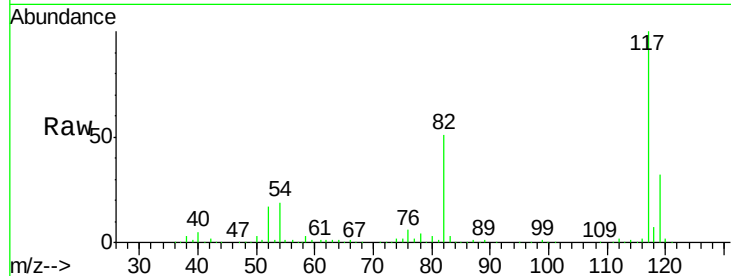
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.9	62.9
119	32.1	26.0	39.0

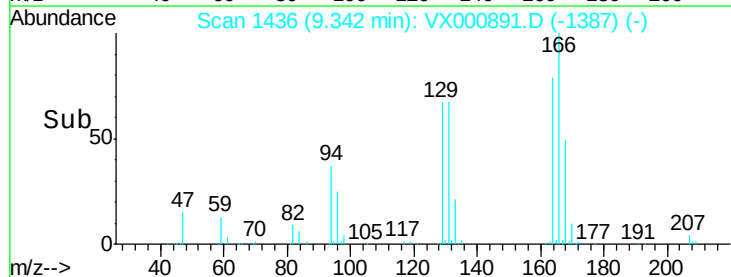
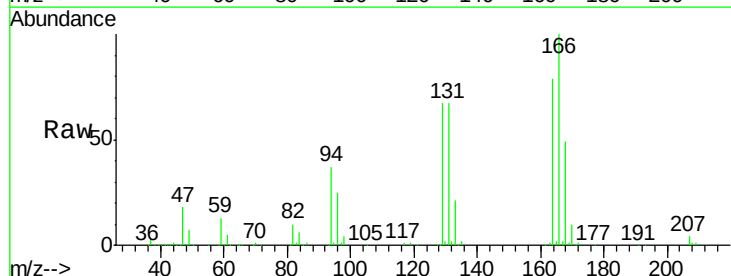
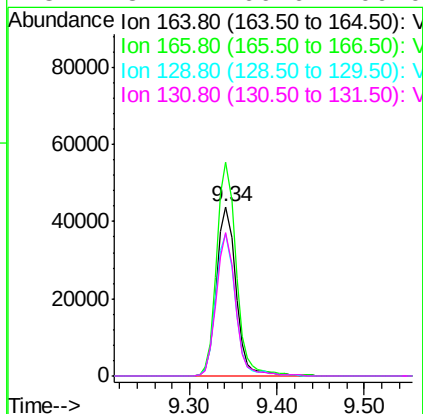
Manual Integrations
APPROVED

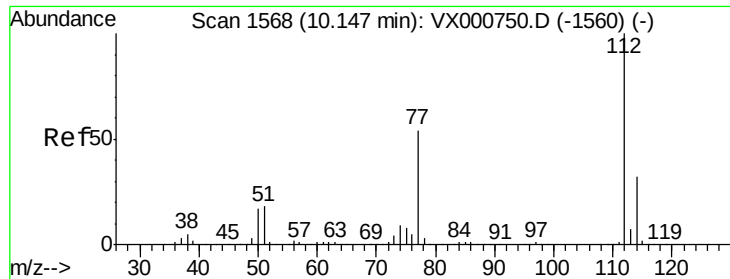
apatel
4/16/2018 3:35:00 PM



#64
Tetrachloroethene
Concen: 21.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.8	154.2
129	83.9	68.5	102.7
131	84.7	66.6	100.0





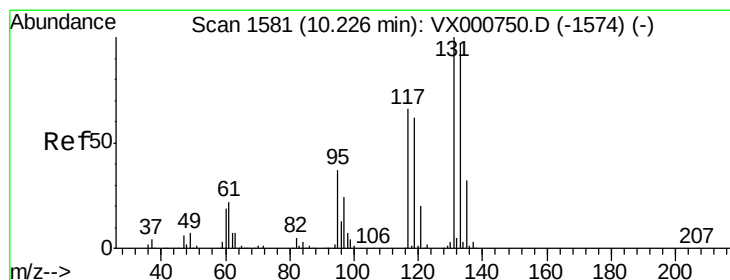
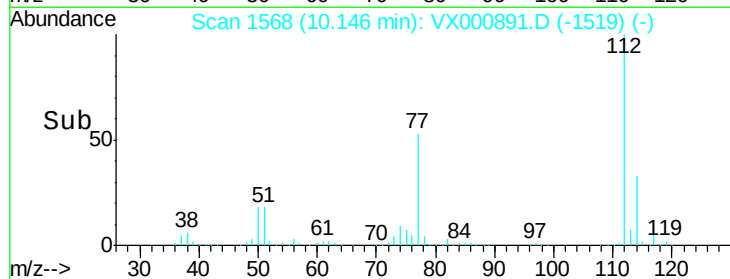
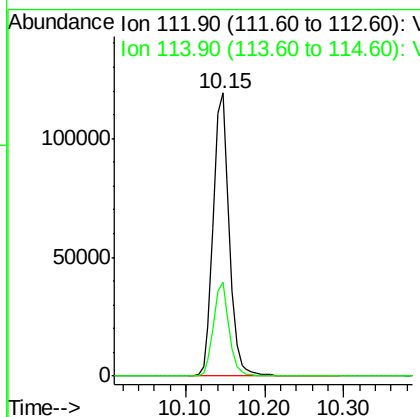
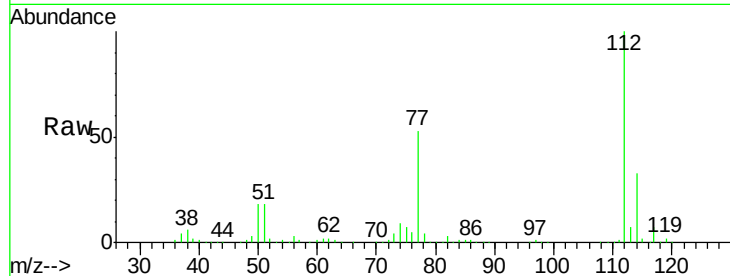
#65
Chlorobenzene
Concen: 21.00 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion:112 Resp: 169250
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

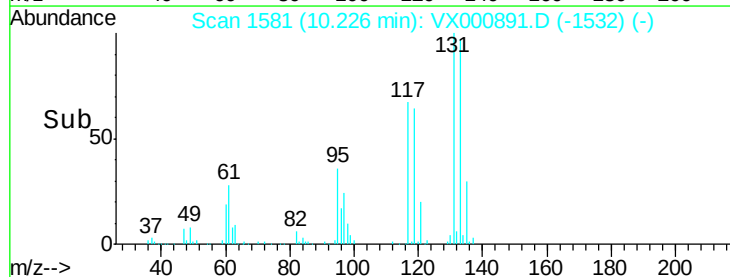
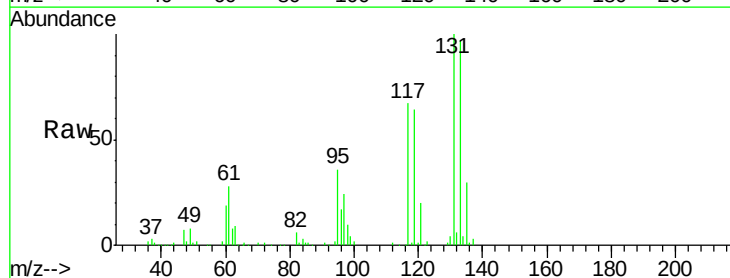
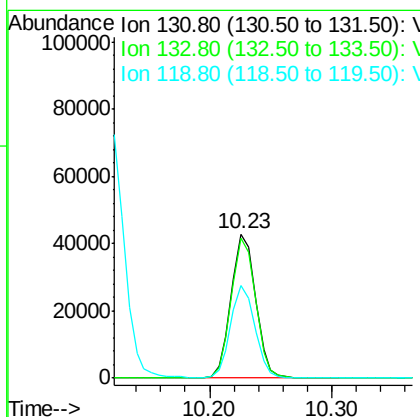
Manual Integrations
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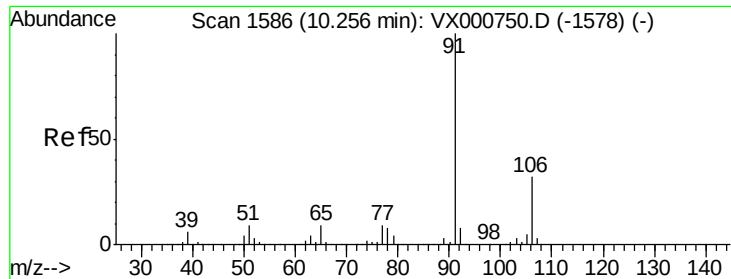
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.61 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion:131 Resp: 59497
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 63.8 31.4 94.0





#67

Ethyl Benzene

Concen: 20.62 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 91 Resp: 277122

Ion Ratio Lower Upper

91 100

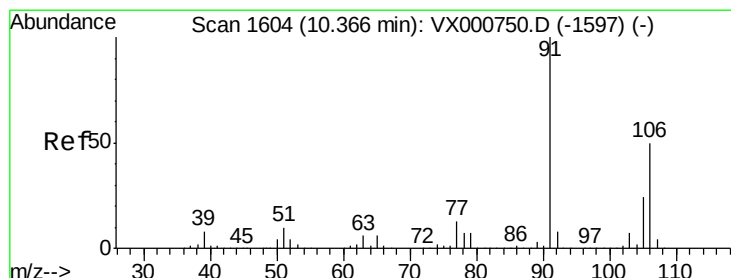
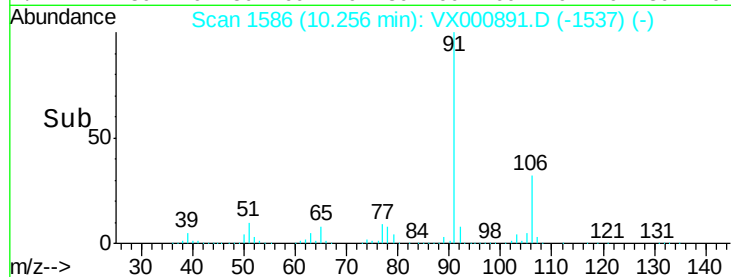
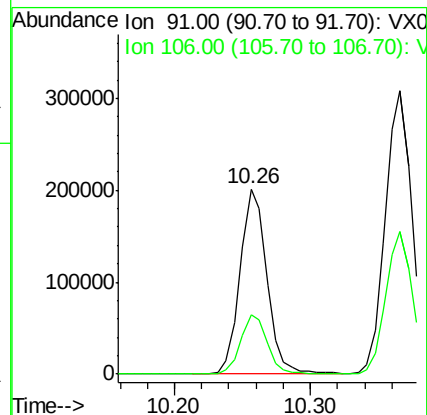
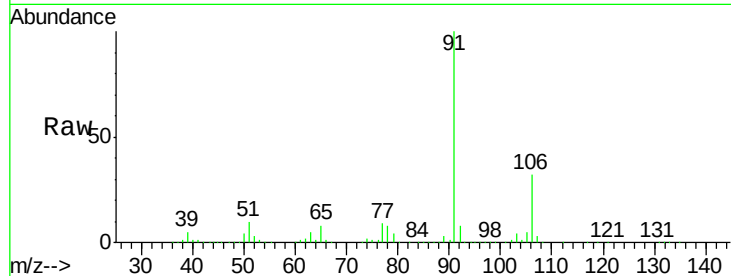
106 31.9 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.97 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000891.D

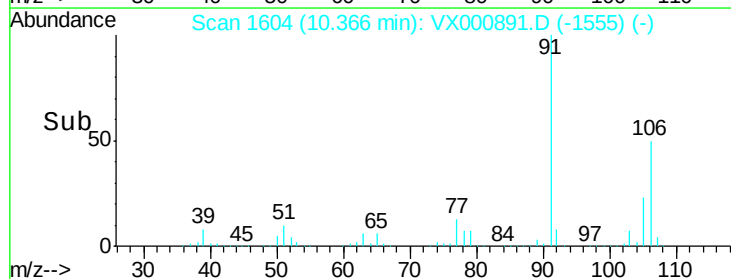
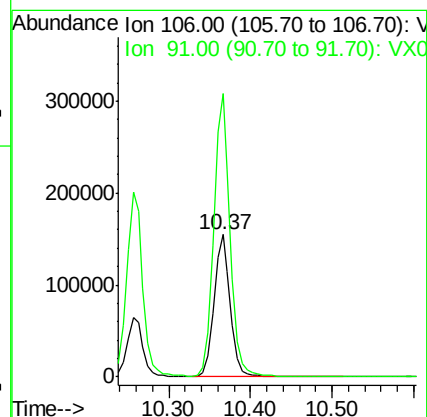
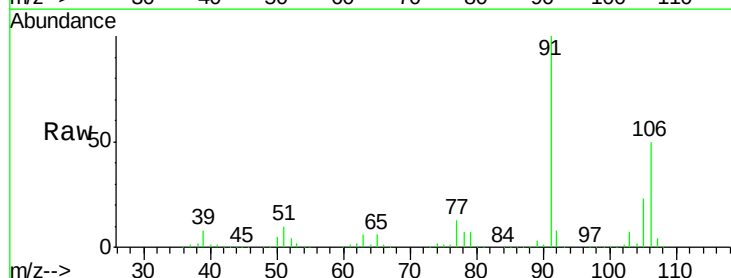
Acq: 15 Apr 2018 12:48

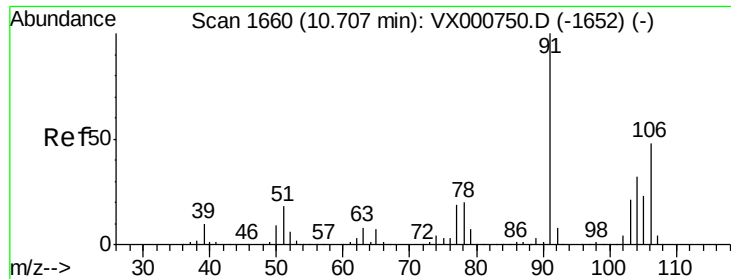
Tgt Ion: 106 Resp: 217332

Ion Ratio Lower Upper

106 100

91 200.3 159.3 238.9





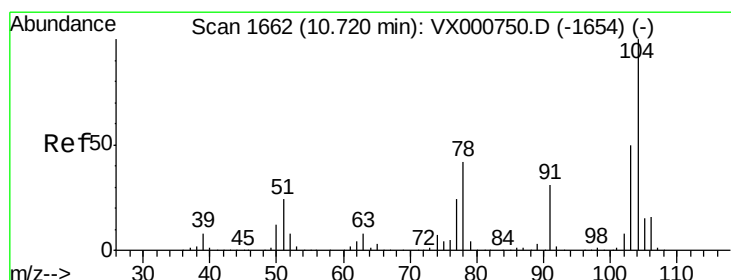
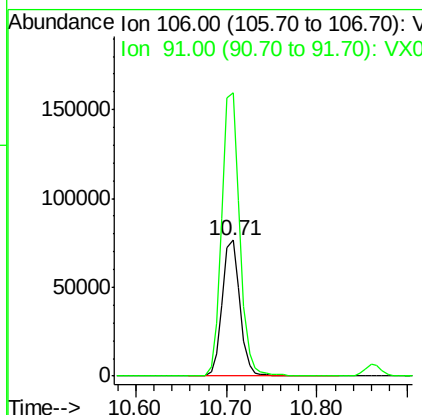
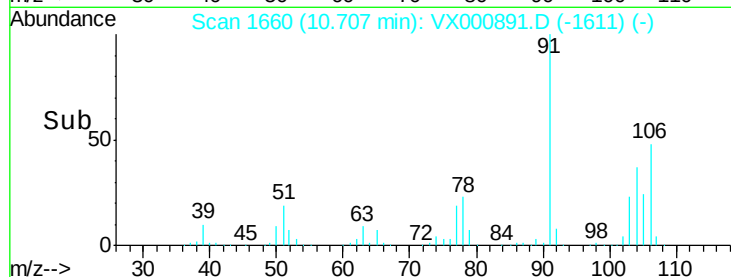
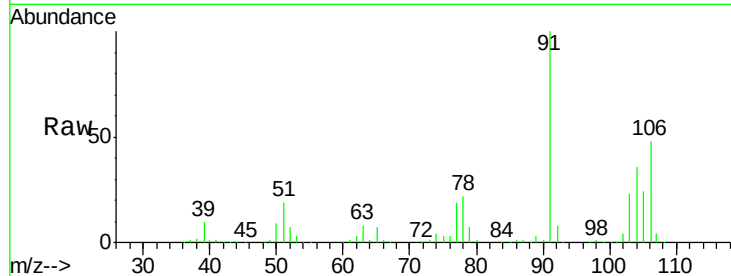
#69
o-Xylene
Concen: 20.56 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion:106 Resp: 105105
Ion Ratio Lower Upper
106 100
91 211.2 105.0 315.0

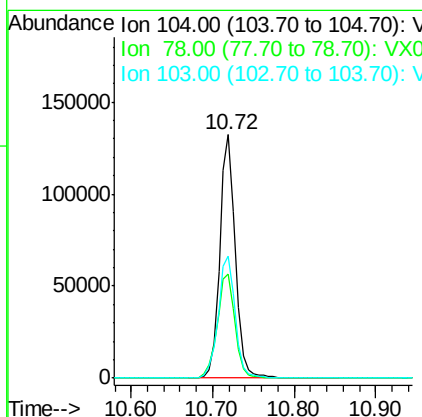
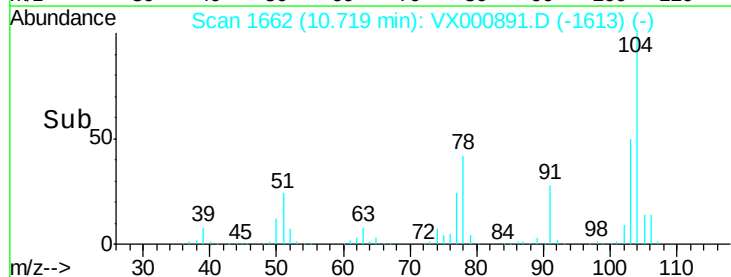
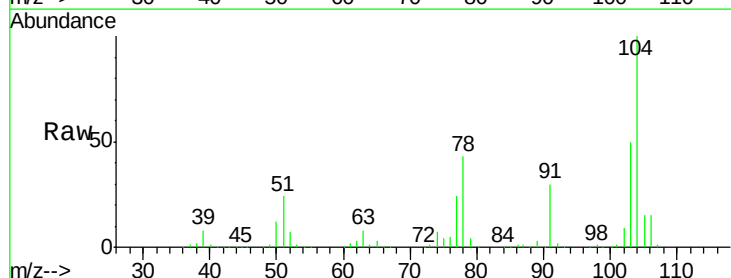
Manual Integrations
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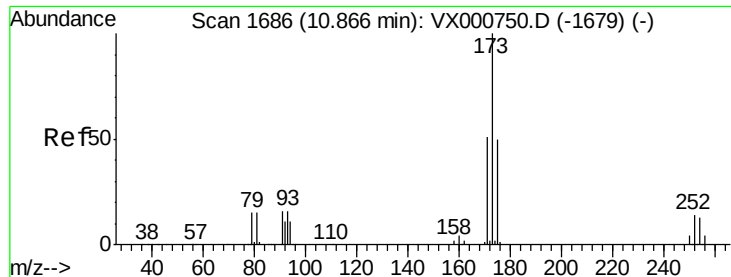
apatel
4/16/2018 3:35:00 PM



#70
Styrene
Concen: 20.47 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion:104 Resp: 176409
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 55.3 44.1 66.1





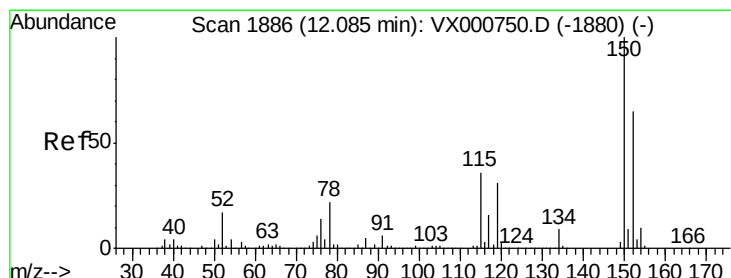
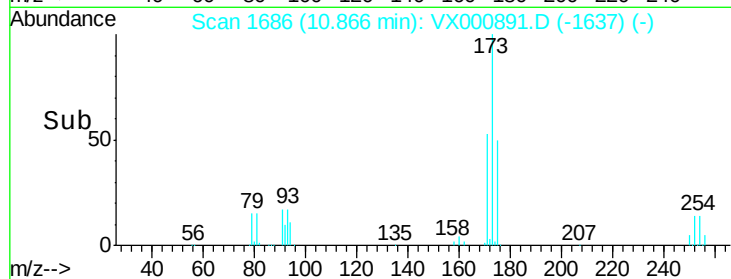
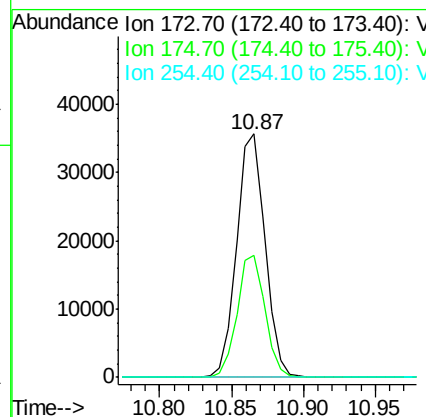
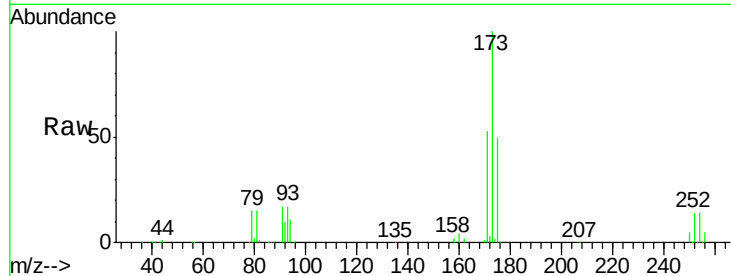
#71
Bromoform
Concen: 17.56 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.2	0.2	0.2

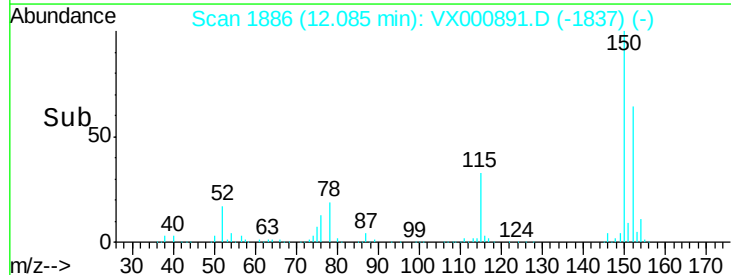
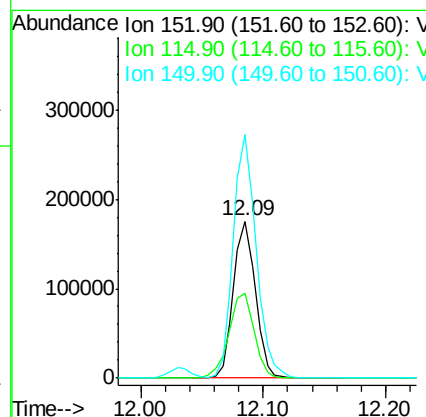
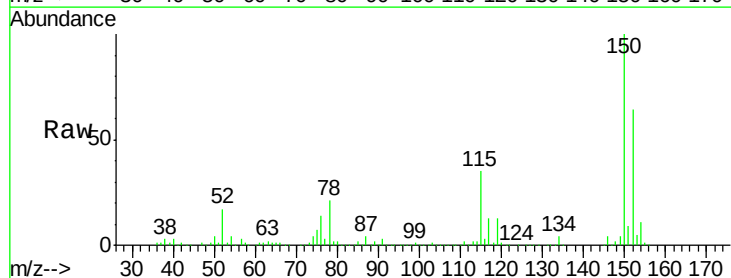
Manual Integrations
APPROVED

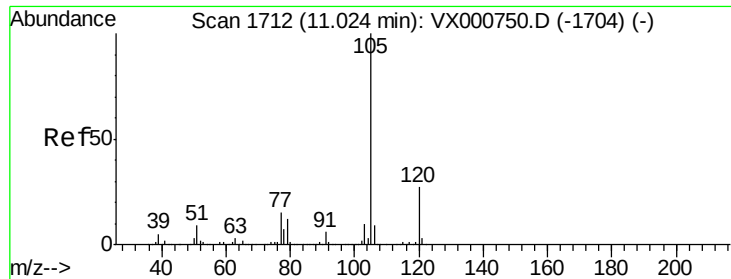
apatel
4/16/2018 3:35:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	37.9	113.7
150	162.5	0.0	348.0





#73

Isopropylbenzene

Concen: 20.93 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

VX0415WBS01

Tot Ion:105 Resp: 287382

Ion Ratio Lower Upper

105 100

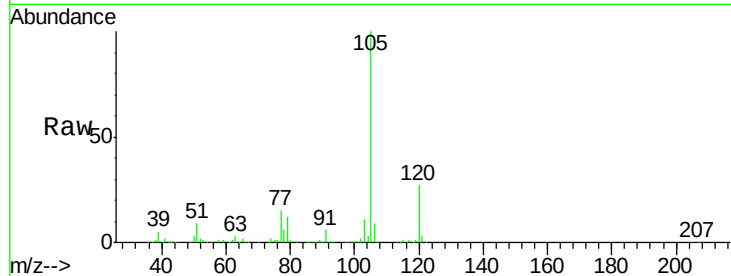
120 27.0 13.7 41.0

Manual Integrations

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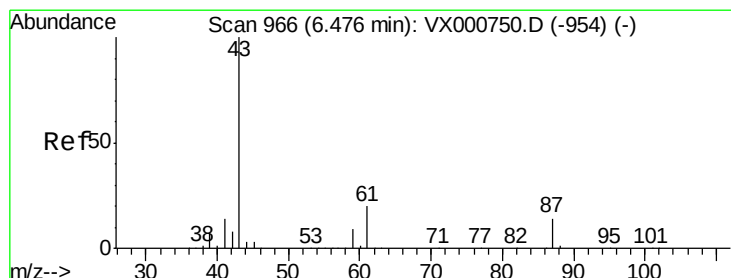
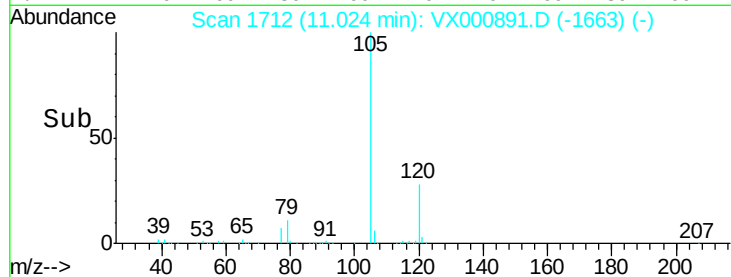
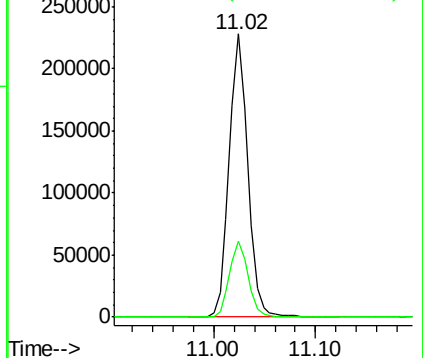
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.79 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion: 43 Resp: 122392

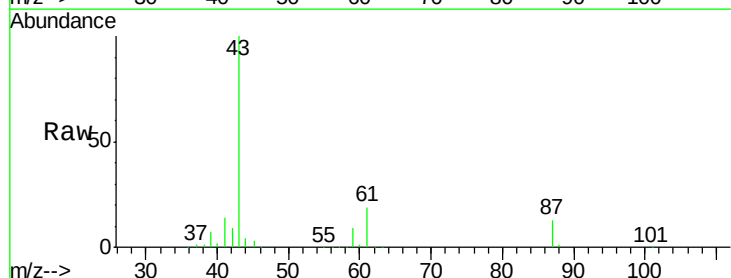
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.6 15.6 23.4

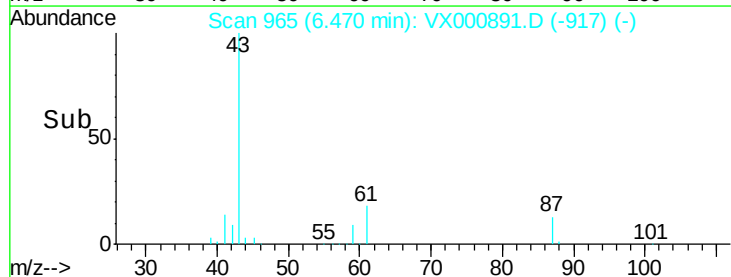
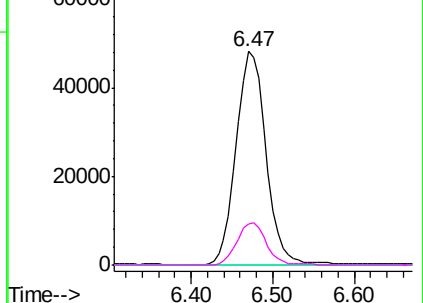


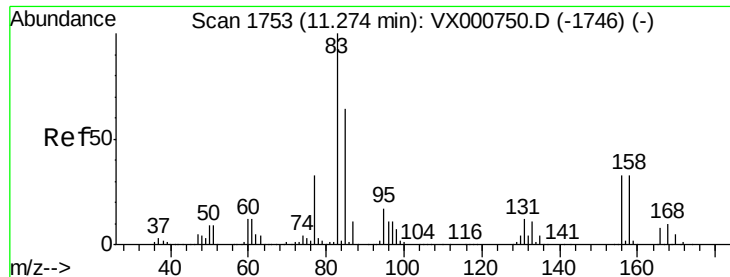
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

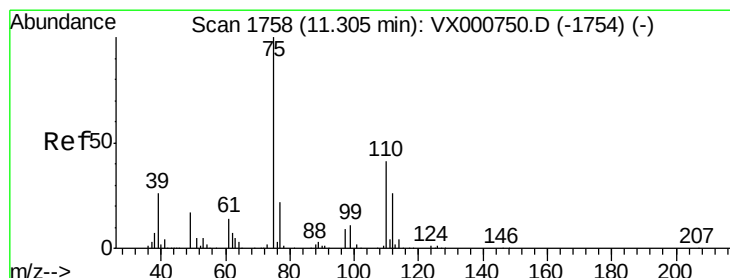
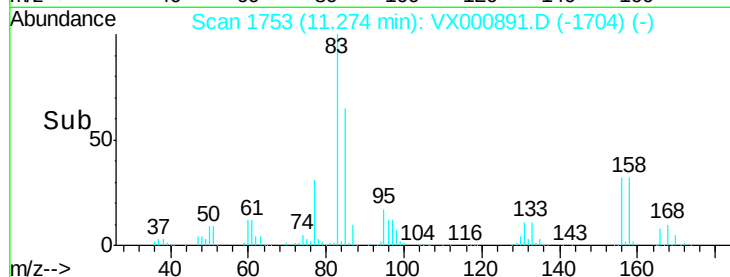
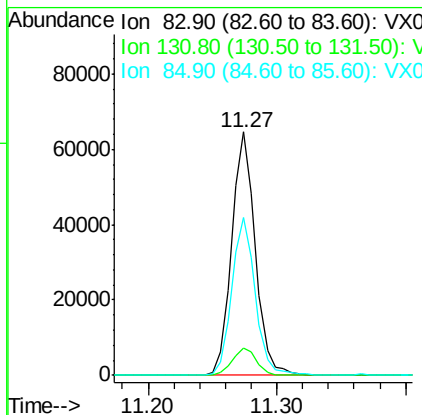
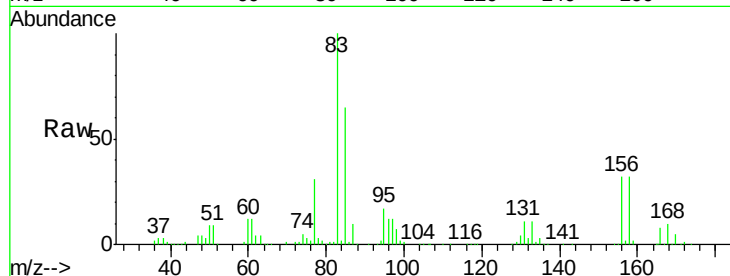
ClientSampleId :

VX0415WBS01

Tot Ion:	83	Resp:	82883
Ion	Ratio	Lower	Upper
83	100		
131	11.5	6.0	18.0
85	64.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.88 ug/l m

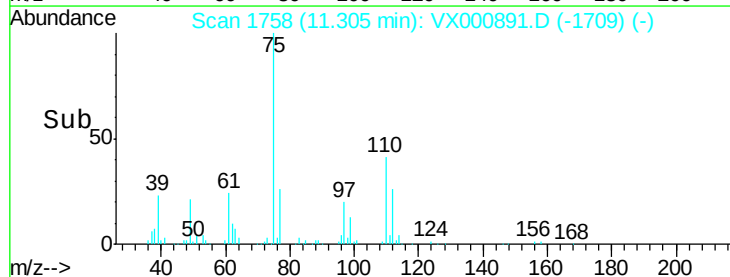
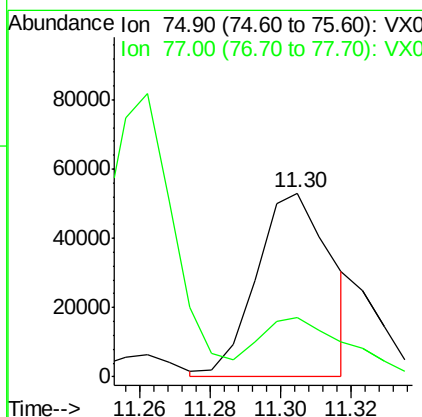
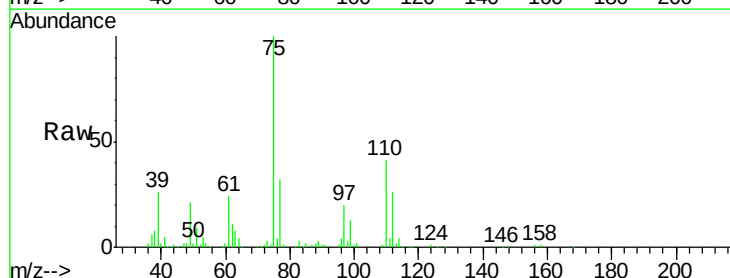
RT: 11.30 min Scan# 1758

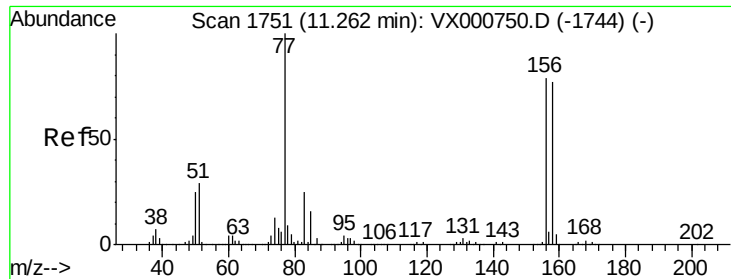
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	75	Resp:	77953
Ion	Ratio	Lower	Upper
75	100		
77	38.4	20.5	61.5





#77

Bromobenzene

Concen: 20.61 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

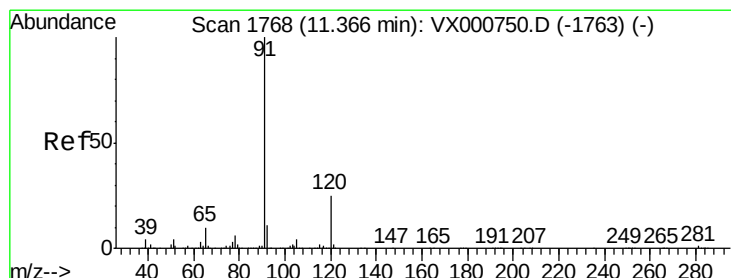
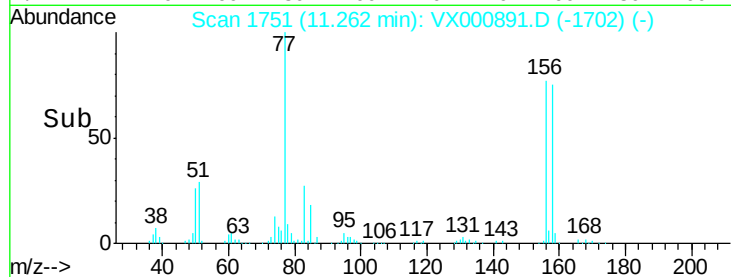
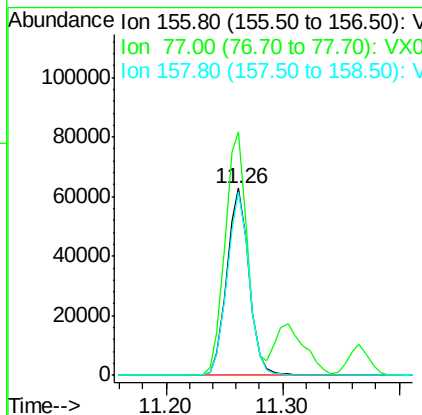
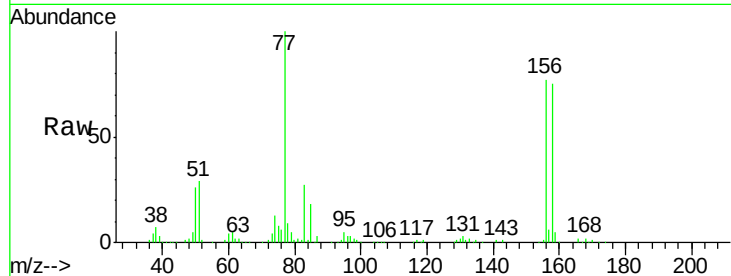
ClientSampleId :

VX0415WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.7	66.0	198.2
158	97.4	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.53 ug/l

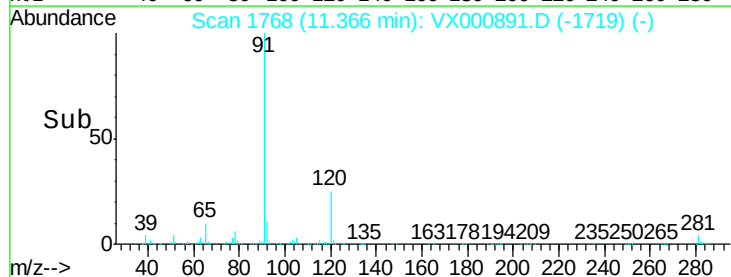
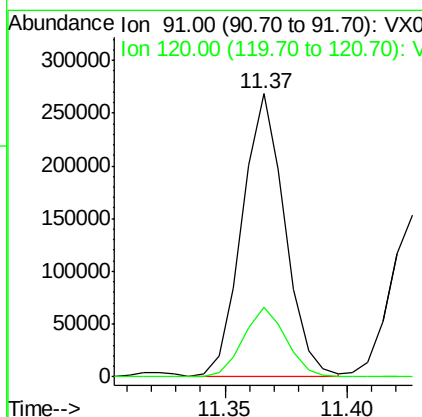
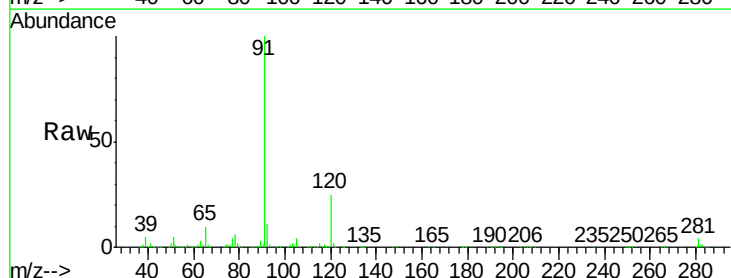
RT: 11.37 min Scan# 1768

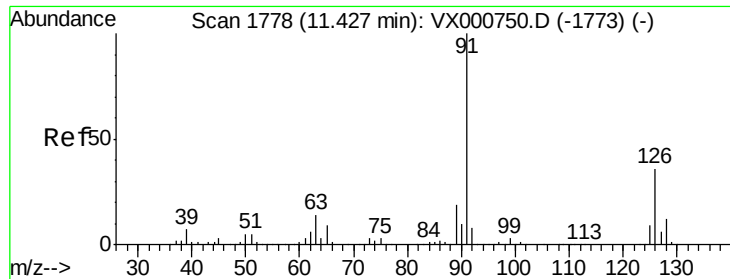
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.6	37.6





#79

2-Chlorotoluene

Concen: 20.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 91 Resp: 192371

Ion Ratio Lower Upper

91 100

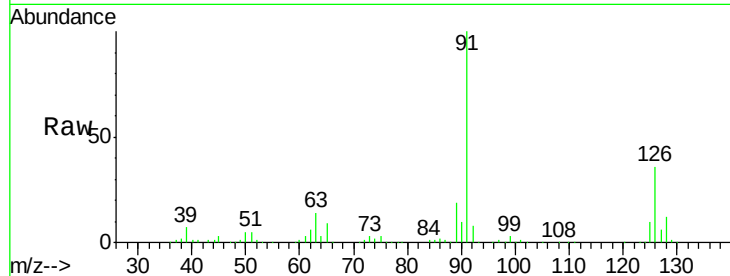
126 36.8 18.3 54.9

Manual Integrations

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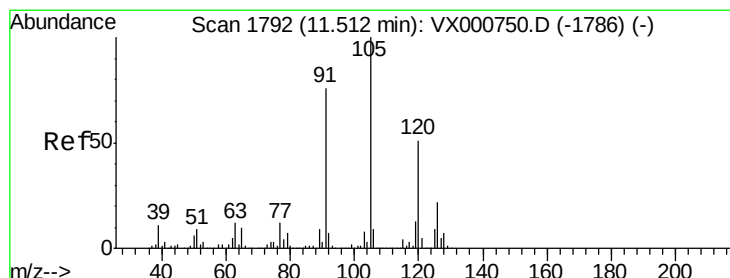
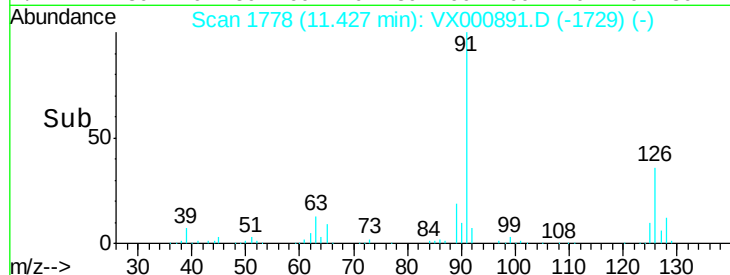
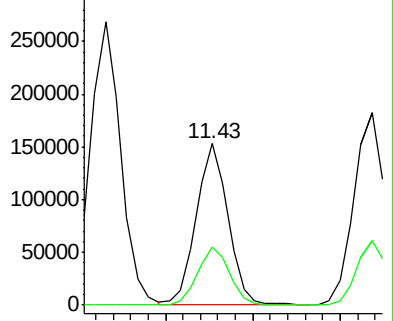
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX000891.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000891.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000891.D

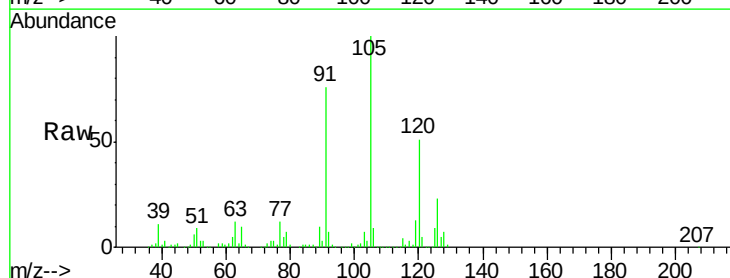
Acq: 15 Apr 2018 12:48

Tgt Ion: 105 Resp: 241728

Ion Ratio Lower Upper

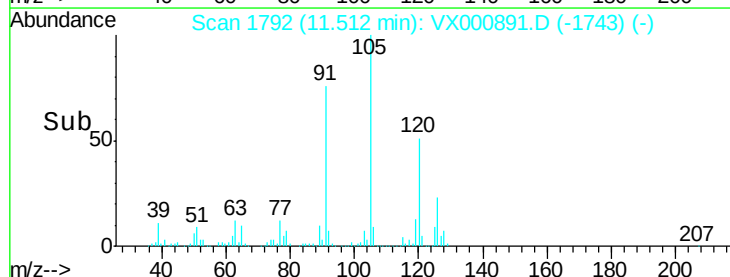
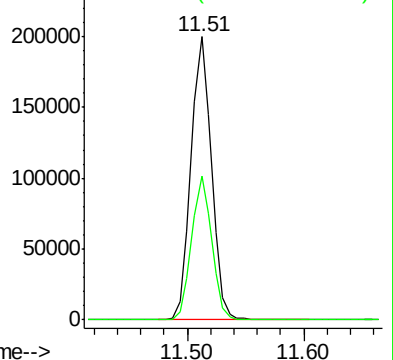
105 100

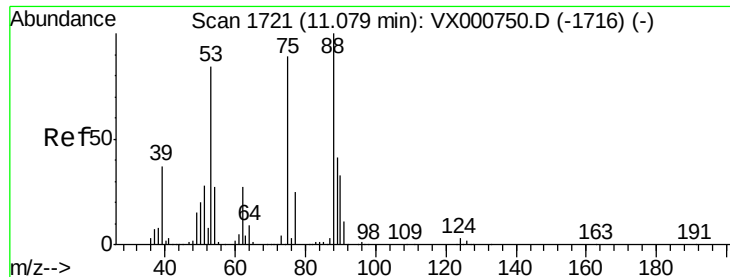
120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000891.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000891.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

Tot Ion: 75 Resp: 21392

Ion Ratio Lower Upper

75 100

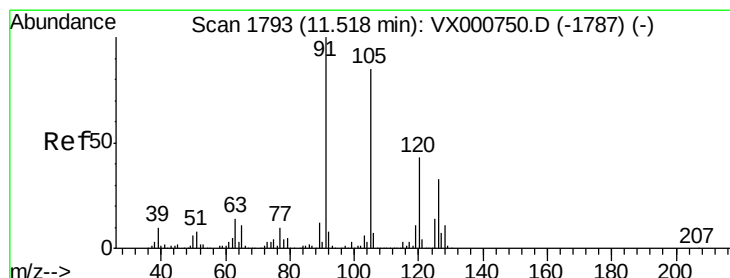
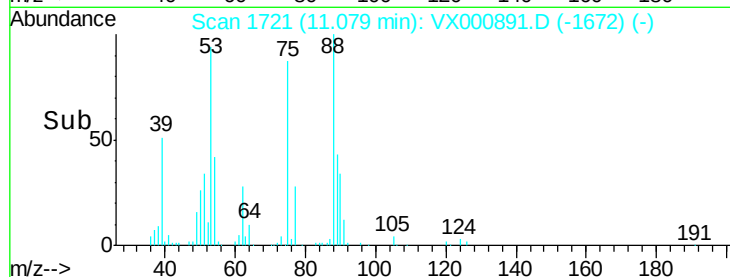
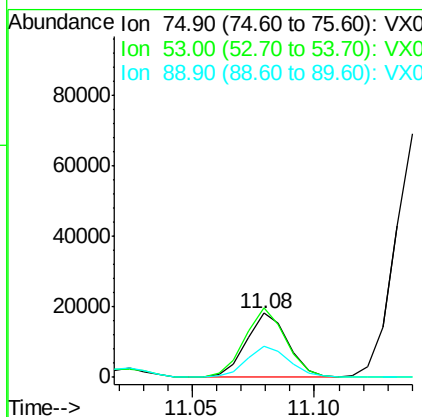
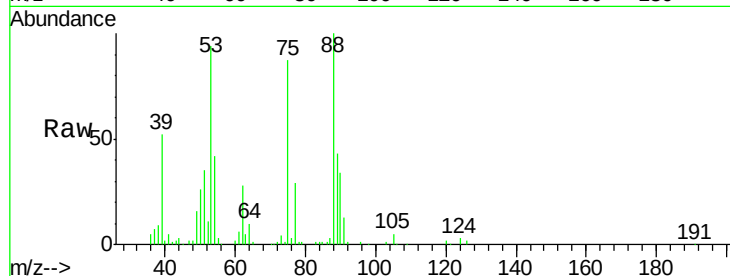
53 108.9 75.4 113.0

89 51.8 40.9 61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.44 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000891.D

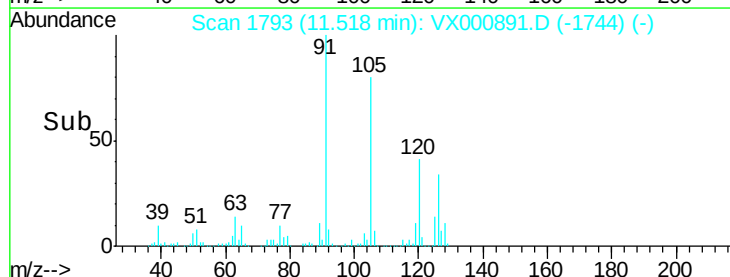
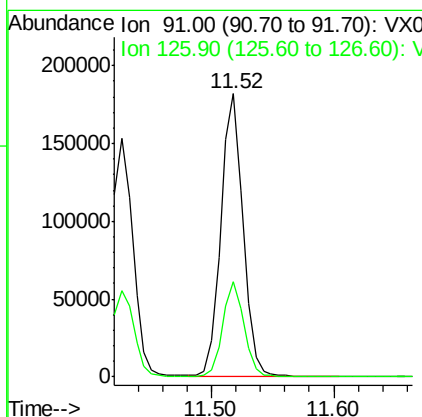
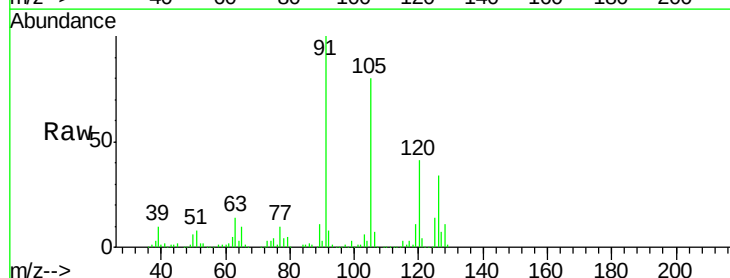
Acq: 15 Apr 2018 12:48

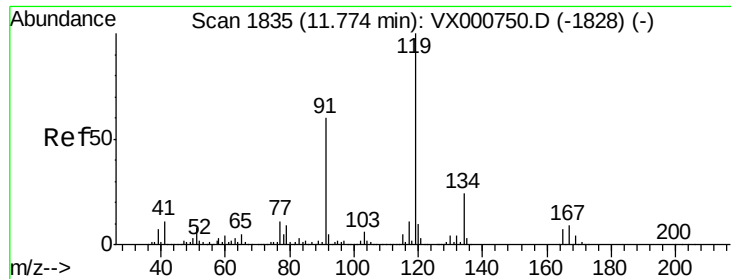
Tgt Ion: 91 Resp: 228998

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.6





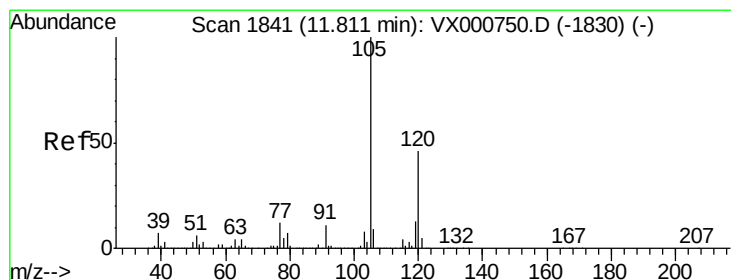
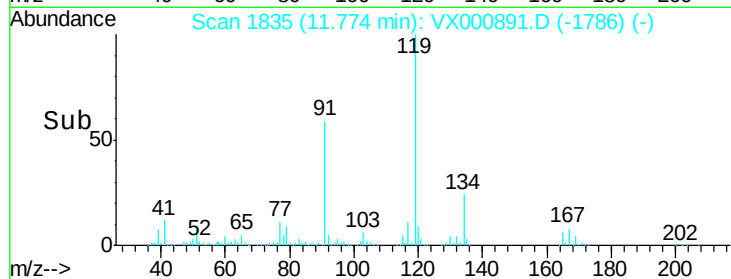
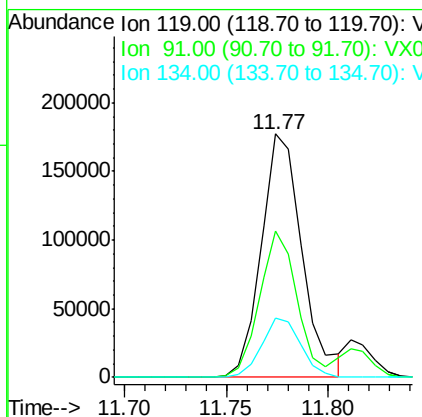
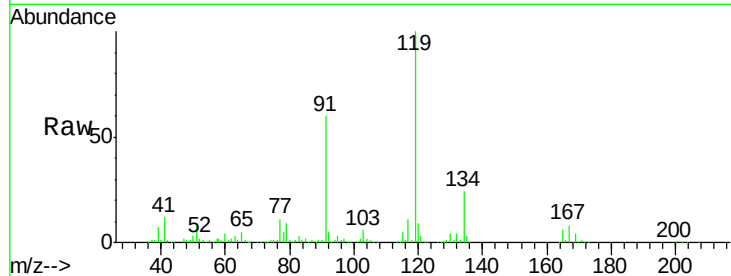
#83
 tert-Butylbenzene
 Concen: 20.39 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	246367		
91	55.3	26.8	80.3	
134	23.6	11.5	34.4	

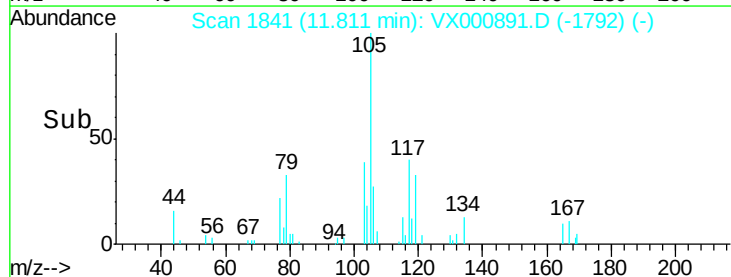
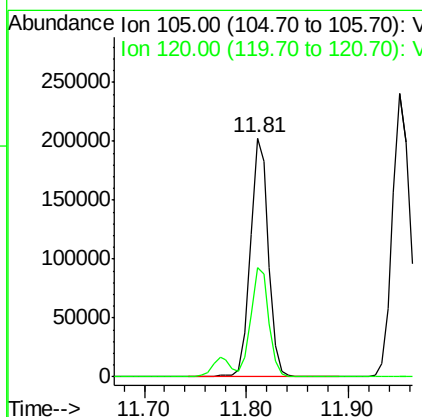
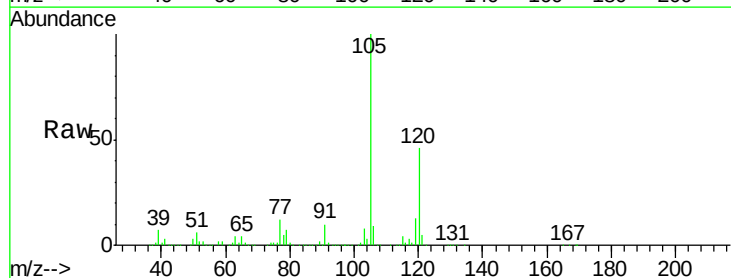
Manual Integrations
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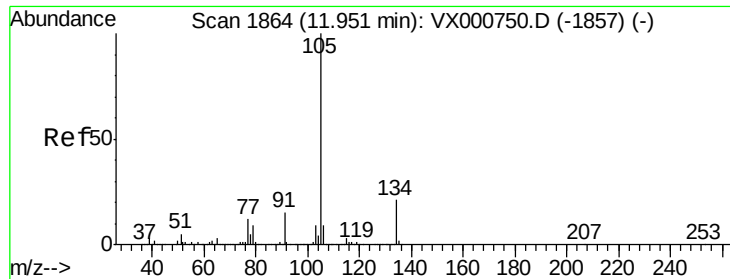
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.49 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249807		
120	45.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.58 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

VX0415WBS01

Tot Ion:105 Resp: 293393

Ion Ratio Lower Upper

105 100

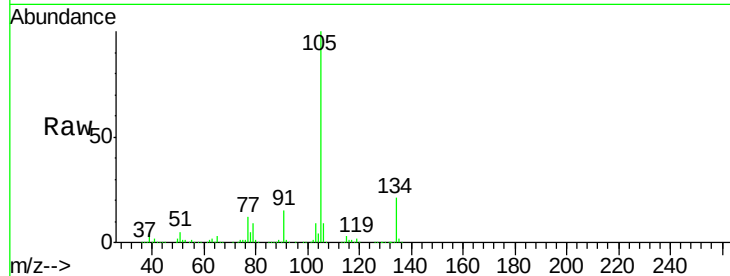
134 21.5 10.8 32.4

Manual Integrations

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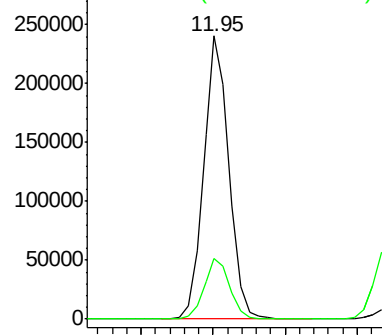
apatel

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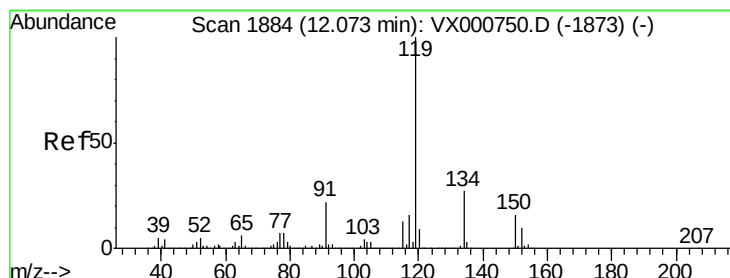
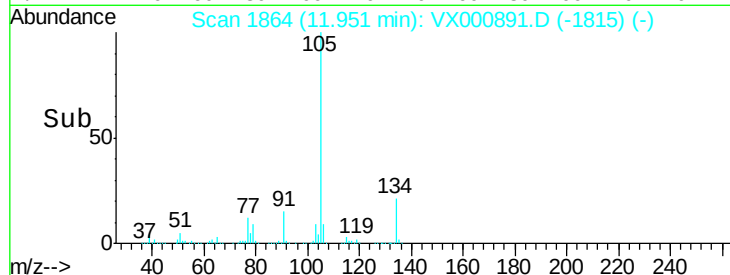


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.44 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

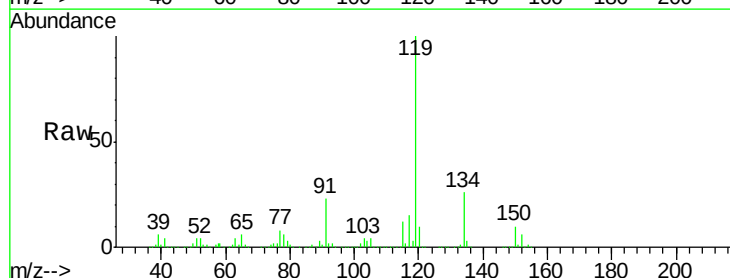
Tgt Ion:119 Resp: 271690

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

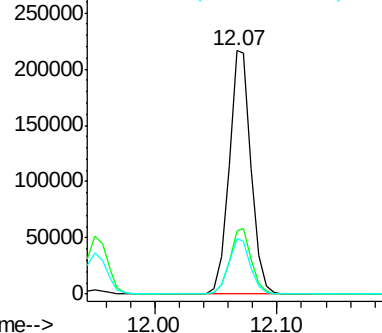
91 22.8 11.2 33.5



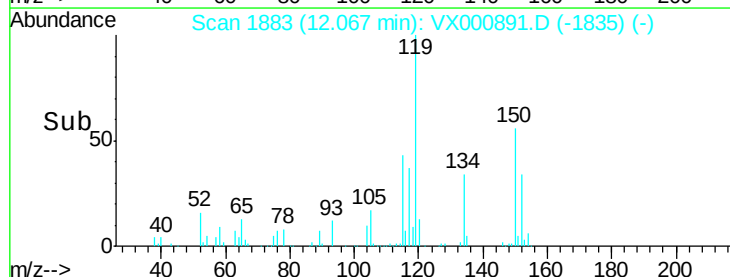
Abundance Ion 119.00 (118.70 to 119.70): V

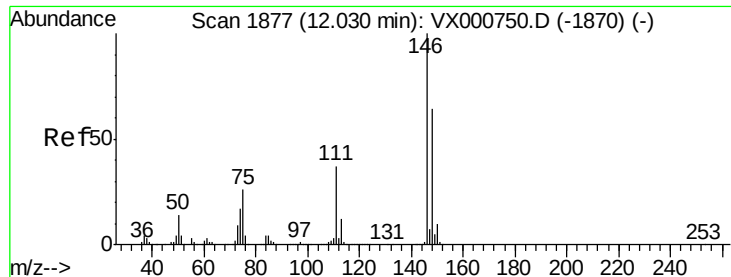
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





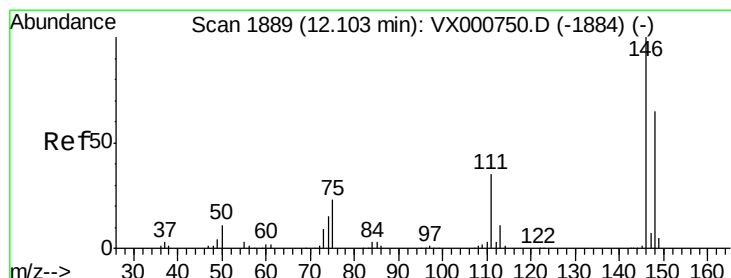
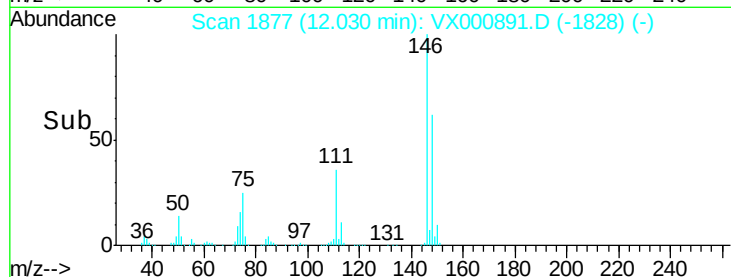
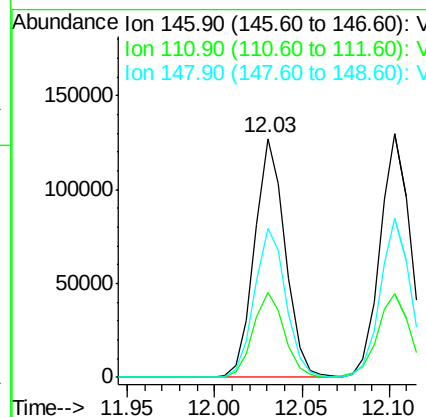
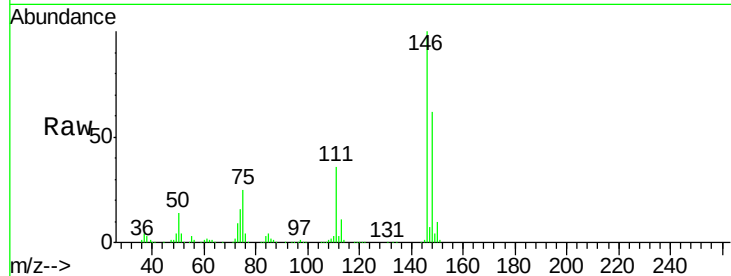
#87
 1,3-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	155156		
111	36.1	18.3	54.8	
148	63.8	32.2	96.6	

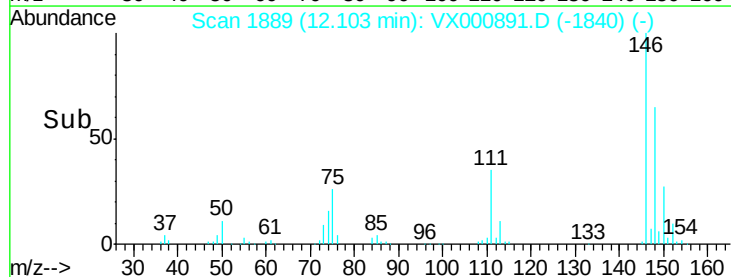
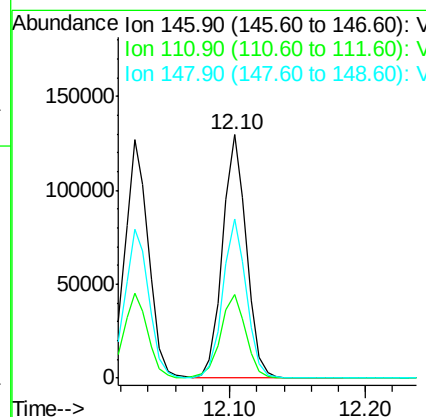
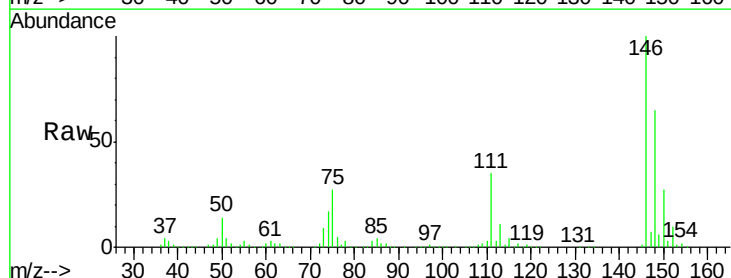
Manual Integrations
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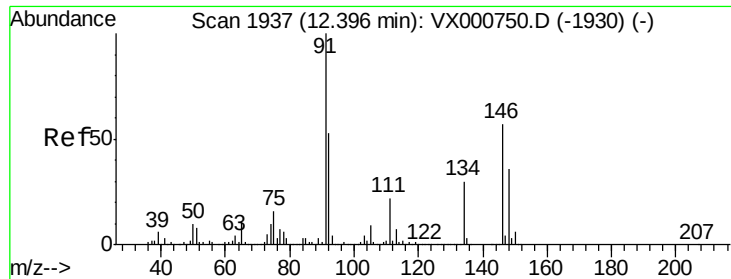
apatel
 4/16/2018 3:35:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156599		
111	36.9	17.9	53.8	
148	65.0	32.6	97.7	





#89

n-Butylbenzene

Concen: 20.40 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

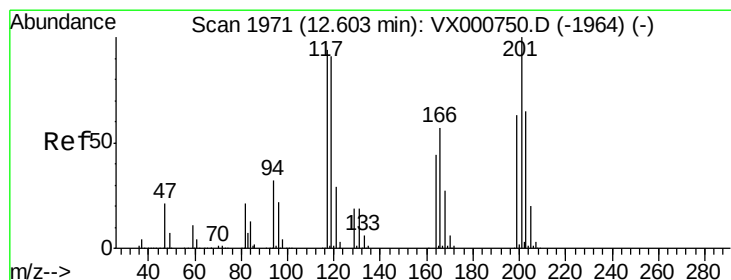
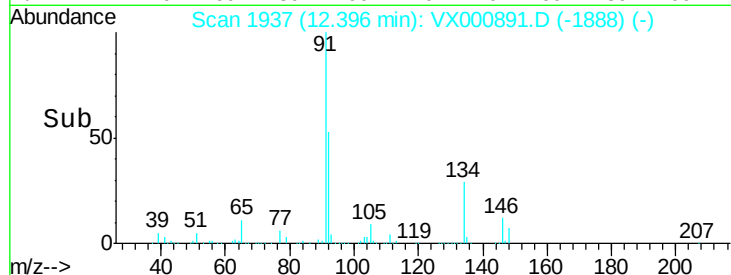
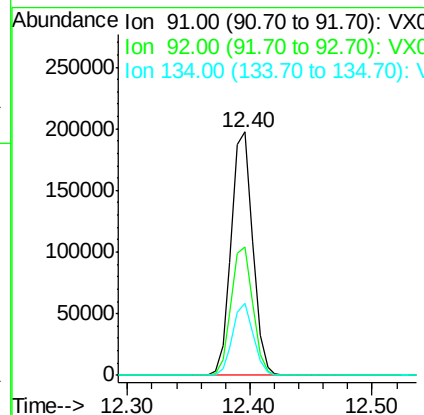
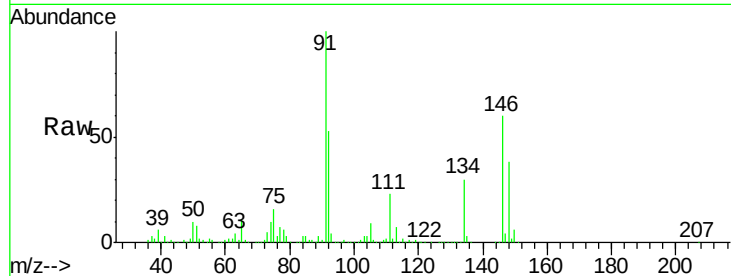
ClientSampled :

VX0415WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	28.5	14.5	43.5

Manual Integrations
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#90

Hexachloroethane

Concen: 17.22 ug/l

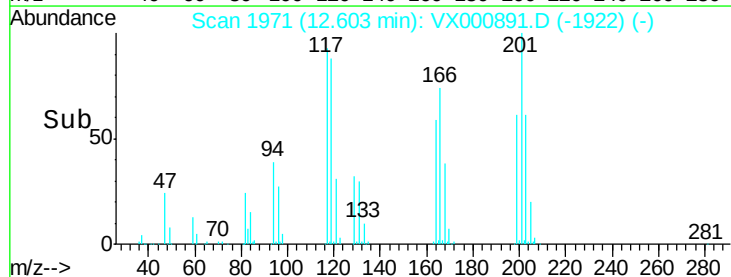
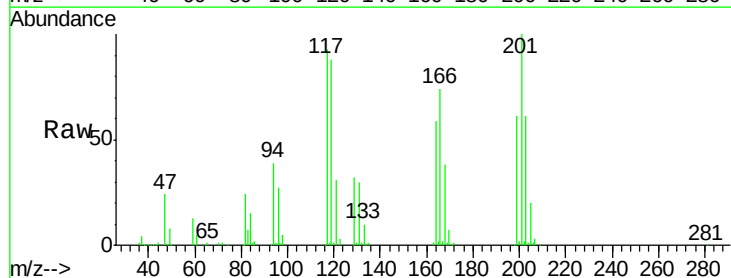
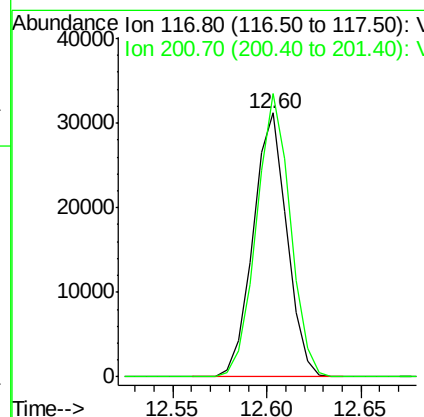
RT: 12.60 min Scan# 1971

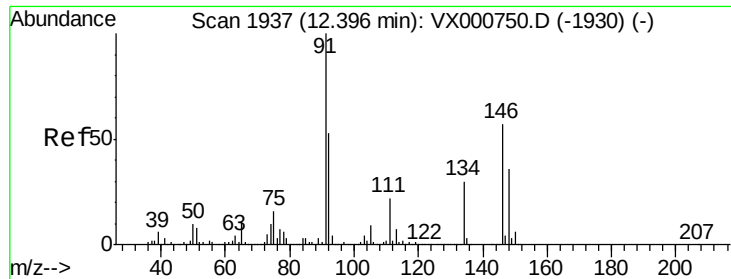
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	107.2	52.9	158.7





#91

1,2-Dichlorobenzene

Concen: 20.84 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

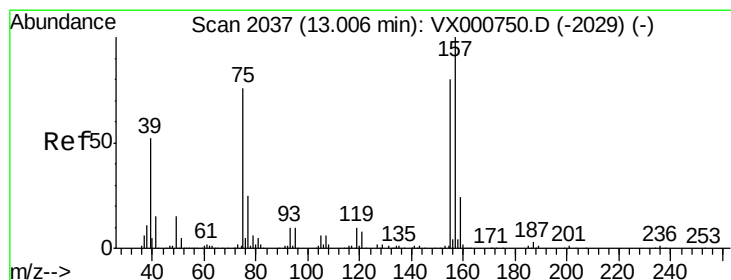
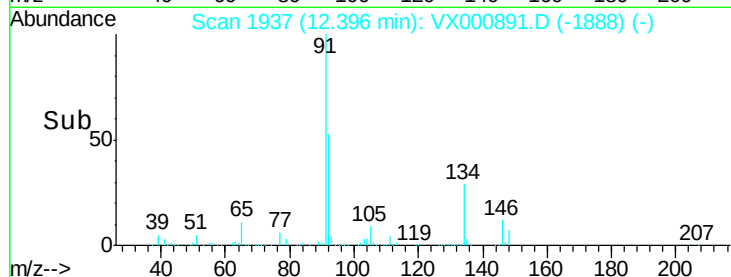
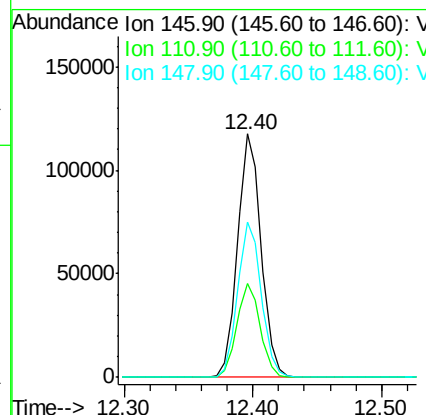
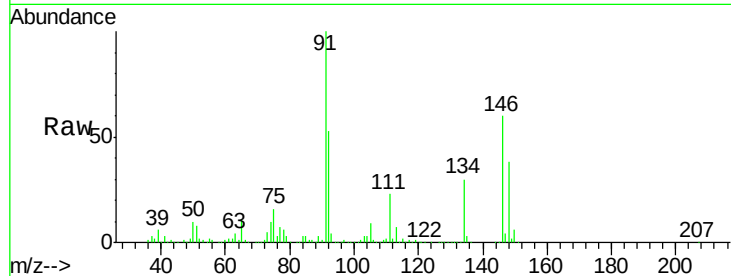
ClientSampleId :

VX0415WBS01

Tot Ion:	146	Resp:	149893
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.7
148	64.3	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.37 ug/l

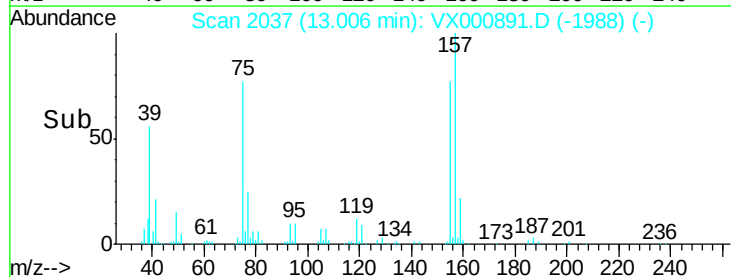
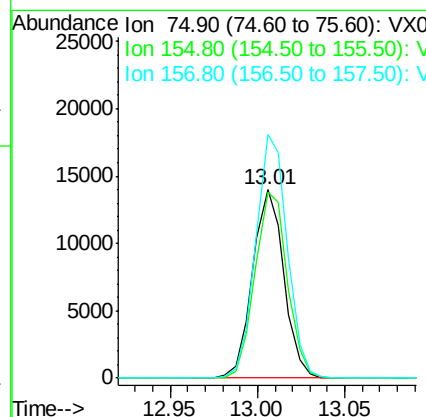
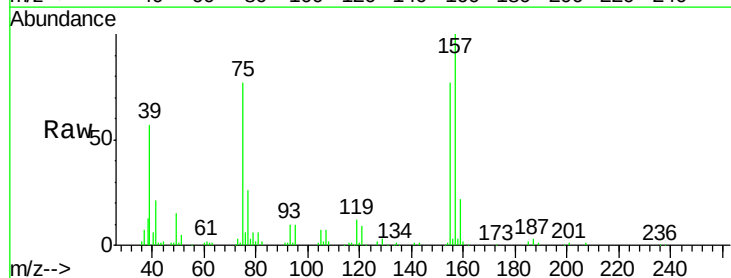
RT: 13.01 min Scan# 2037

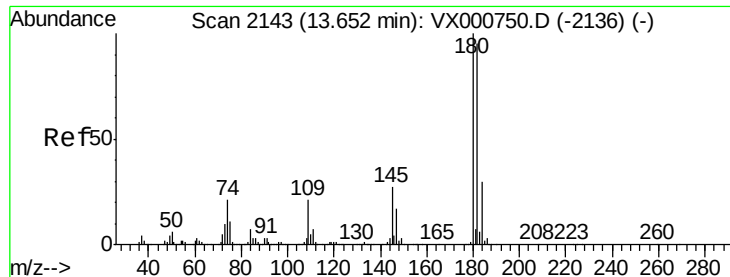
Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	75	Resp:	17346
Ion Ratio	Lower	Upper	
75	100		
155	102.2	51.9	155.8
157	130.7	66.6	199.8





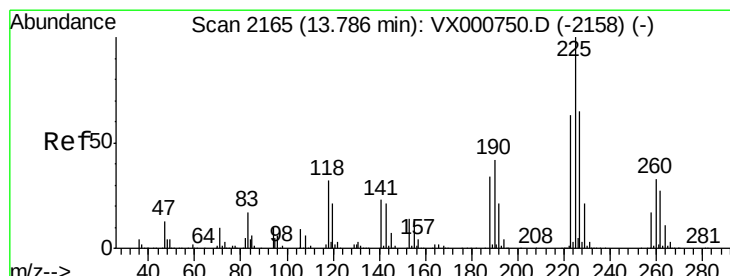
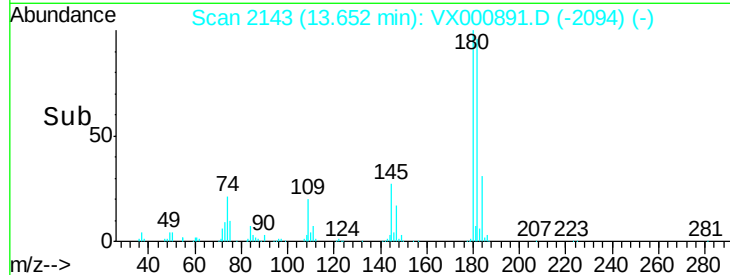
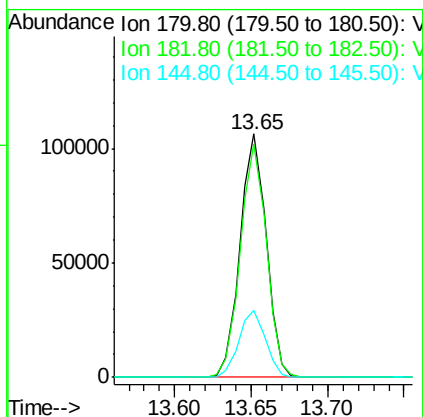
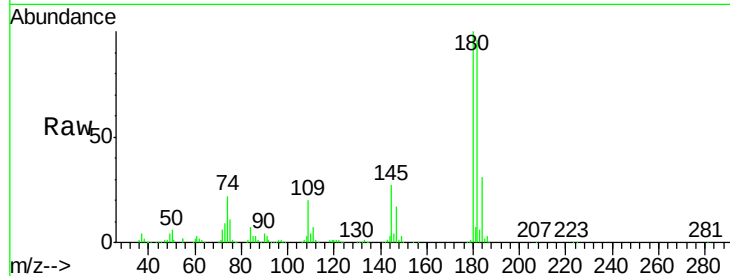
#93
 1,2,4-Trichlorobenzene
 Concen: 20.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	126218		
182	95.4	47.5	142.5	
145	27.8	13.8	41.4	

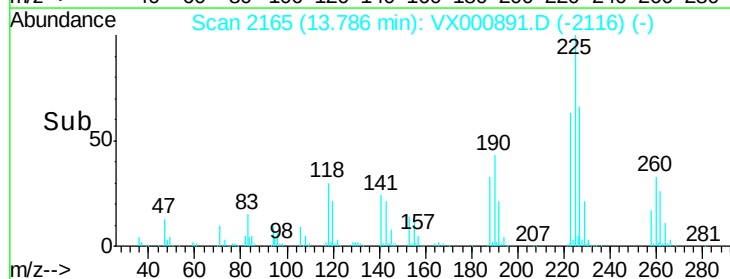
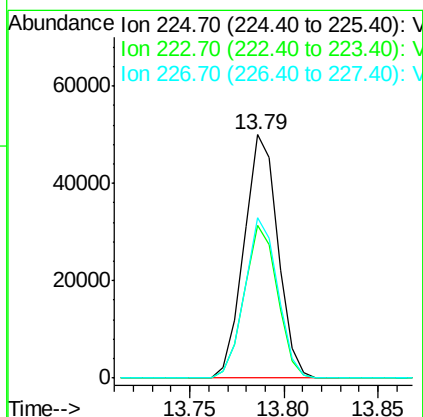
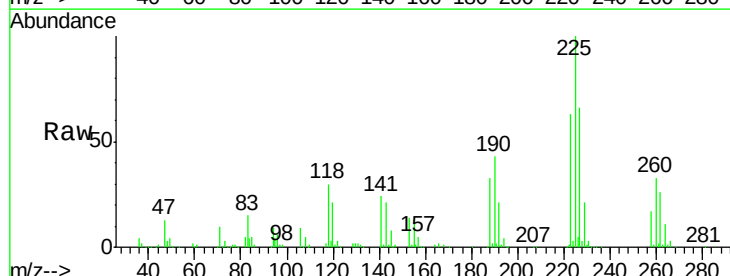
Manual Integrations
 APPROVED

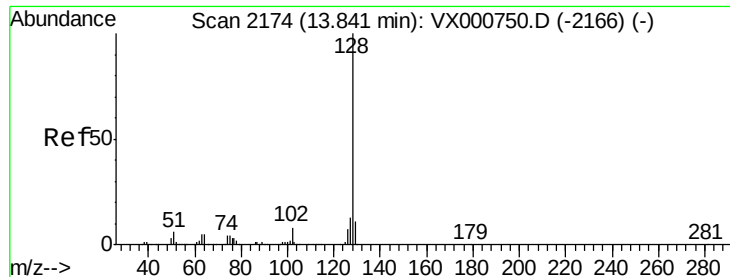
apatel
 4/16/2018 3:35:00 PM



#94
 Hexachlorobutadiene
 Concen: 20.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62156		
223	61.5	31.2	93.6	
227	64.4	32.3	96.9	





#95

Naphthalene

Concen: 20.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

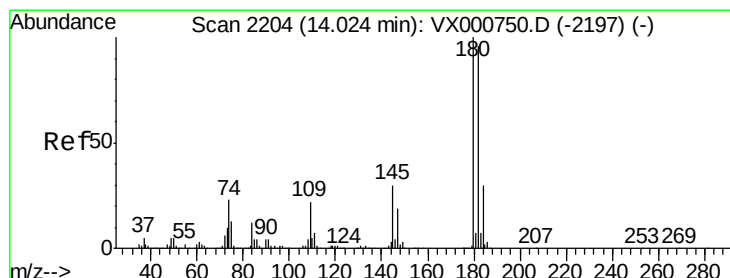
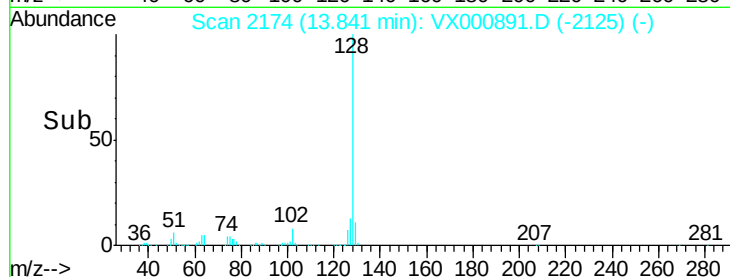
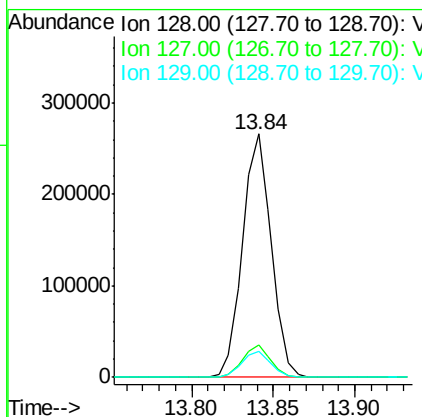
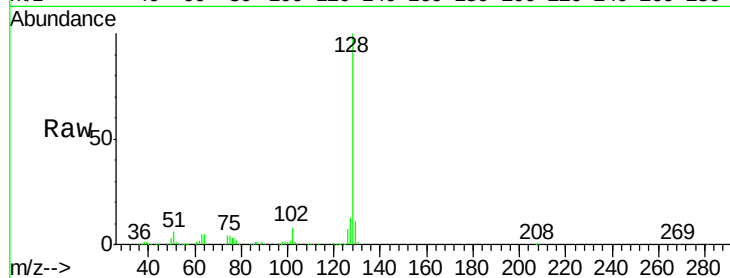
ClientSampleId :

VX0415WBS01

Tot Ion:	128	Resp:	326195
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
4/16/2018 3:35:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.91 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion:	180	Resp:	124622
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.4	145.2
145	29.3	14.6	43.8

