

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000770.D
 Acq On : 11 Apr 2018 11:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/12/2018 10:51:24 AM

Quant Time: Apr 11 13:57:19 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	319379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	415998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167429	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	5.51	113	144020	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	8.72	98	527807	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.15	95	216182	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186247	51.66	ug/l	99
3) Chloromethane	1.32	50	156859	50.75	ug/l	100
4) Vinyl Chloride	1.41	62	173461	49.89	ug/l	97
5) Bromomethane	1.64	94	79146	55.14	ug/l	98
6) Chloroethane	1.73	64	103360	49.05	ug/l	100
7) Trichlorofluoromethane	1.93	101	269945	51.46	ug/l	99
8) Diethyl Ether	2.19	74	94946	48.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160623	51.93	ug/l	99
10) Methyl Iodide	2.51	142	128049	52.67	ug/l	99
11) Tert butyl alcohol	3.07	59	158107	221.14	ug/l	99
12) 1,1-Dichloroethene	2.38	96	144386	49.26	ug/l	98
13) Acrolein	2.29	56	66968	192.88	ug/l	99
14) Allyl chloride	2.73	41	265008	48.89	ug/l	100
15) Acrylonitrile	3.15	53	360929	236.78	ug/l	100
16) Acetone	2.45	43	321571	231.56	ug/l	100
17) Carbon Disulfide	2.57	76	422733	47.63	ug/l	100
18) Methyl Acetate	2.78	43	171126	47.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	486581	49.84	ug/l	99
20) Methylene Chloride	2.86	84	153355	47.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	155290	48.04	ug/l	96
22) Diisopropyl ether	3.87	45	486759	48.87	ug/l	96
23) Vinyl Acetate	3.83	43	2108619	241.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	273533	48.94	ug/l	100
25) 2-Butanone	4.71	43	534810	233.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	275226	49.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	181033	49.35	ug/l	99
28) Bromochloromethane	5.03	49	109464	48.63	ug/l	99
29) Tetrahydrofuran	5.17	42	336473	231.08	ug/l	100
30) Chloroform	5.22	83	296758	50.15	ug/l	99
31) Cyclohexane	5.58	56	265822	50.08	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	281988	50.02	ug/l	99
36) 1,1-Dichloropropene	5.81	75	232495	50.75	ug/l	99
37) Ethyl Acetate	4.87	43	212639	47.54	ug/l	100
38) Carbon Tetrachloride	5.79	117	262872	51.26	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	287395	52.24	ug/l	99
40) Benzene	6.15	78	651204	51.16	ug/l	100
41) Methacrylonitrile	5.07	41	125705	48.65	ug/l	99
42) 1,2-Dichloroethane	6.21	62	239234	50.32	ug/l	99
43) Isopropyl Acetate	6.47	43	376244	49.07	ug/l	99
44) Trichloroethene	7.22	130	200205	50.57	ug/l	97
45) 1,2-Dichloropropane	7.52	63	166258	51.29	ug/l	99
46) Dibromomethane	7.66	93	114425	50.63	ug/l	100
47) Bromodichloromethane	7.90	83	235548	51.64	ug/l	99
48) Methyl methacrylate	7.79	41	197349	49.65	ug/l	99
49) 1,4-Dioxane	7.76	88	73076	914.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1091713	242.37	ug/l	100
52) Toluene	8.79	92	430907	51.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	284919	52.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	276751	51.95	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168221	50.17	ug/l	99
56) Ethyl methacrylate	9.19	69	258554	49.99	ug/l	99
57) 1,3-Dichloropropane	9.38	76	273445	51.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	506868	209.76	ug/l	99
59) 2-Hexanone	9.51	43	845216	243.07	ug/l	100
60) Dibromochloromethane	9.59	129	209846	52.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179744	50.53	ug/l	100
64) Tetrachloroethene	9.34	164	199903	51.80	ug/l	100
65) Chlorobenzene	10.15	112	508103	51.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	194457	52.03	ug/l	99
67) Ethyl Benzene	10.26	91	851154	51.41	ug/l	100
68) m/p-Xylenes	10.37	106	674707	103.26	ug/l	100
69) o-Xylene	10.71	106	324842	51.58	ug/l	100
70) Styrene	10.72	104	550443	51.84	ug/l	100
71) Bromoform	10.87	173	181224	52.37	ug/l	99
73) Isopropylbenzene	11.02	105	887947	51.58	ug/l	100
74) N-amyl acetate	6.47	43	376244	48.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	244522	48.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	190327m	40.67	ug/l	
77) Bromobenzene	11.26	156	254516	50.45	ug/l	100
78) n-propylbenzene	11.37	91	1017928	51.69	ug/l	100
79) 2-Chlorotoluene	11.43	91	586035	50.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	761884	51.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	85219	50.09	ug/l	99
82) 4-Chlorotoluene	11.52	91	716103	50.98	ug/l	100
83) tert-Butylbenzene	11.77	119	787100	51.97	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	784387	51.32	ug/l	100
85) sec-Butylbenzene	11.95	105	927370	51.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	872384	52.36	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	474014	50.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	483358	50.51	ug/l	100
89) n-Butylbenzene	12.40	91	775947	52.76	ug/l	100
90) Hexachloroethane	12.60	117	147756	52.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	459429	50.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57891	46.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	397225	51.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	202642	53.57	ug/l	100
95) Naphthalene	13.84	128	988739	50.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	386053	51.67	ug/l	99

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

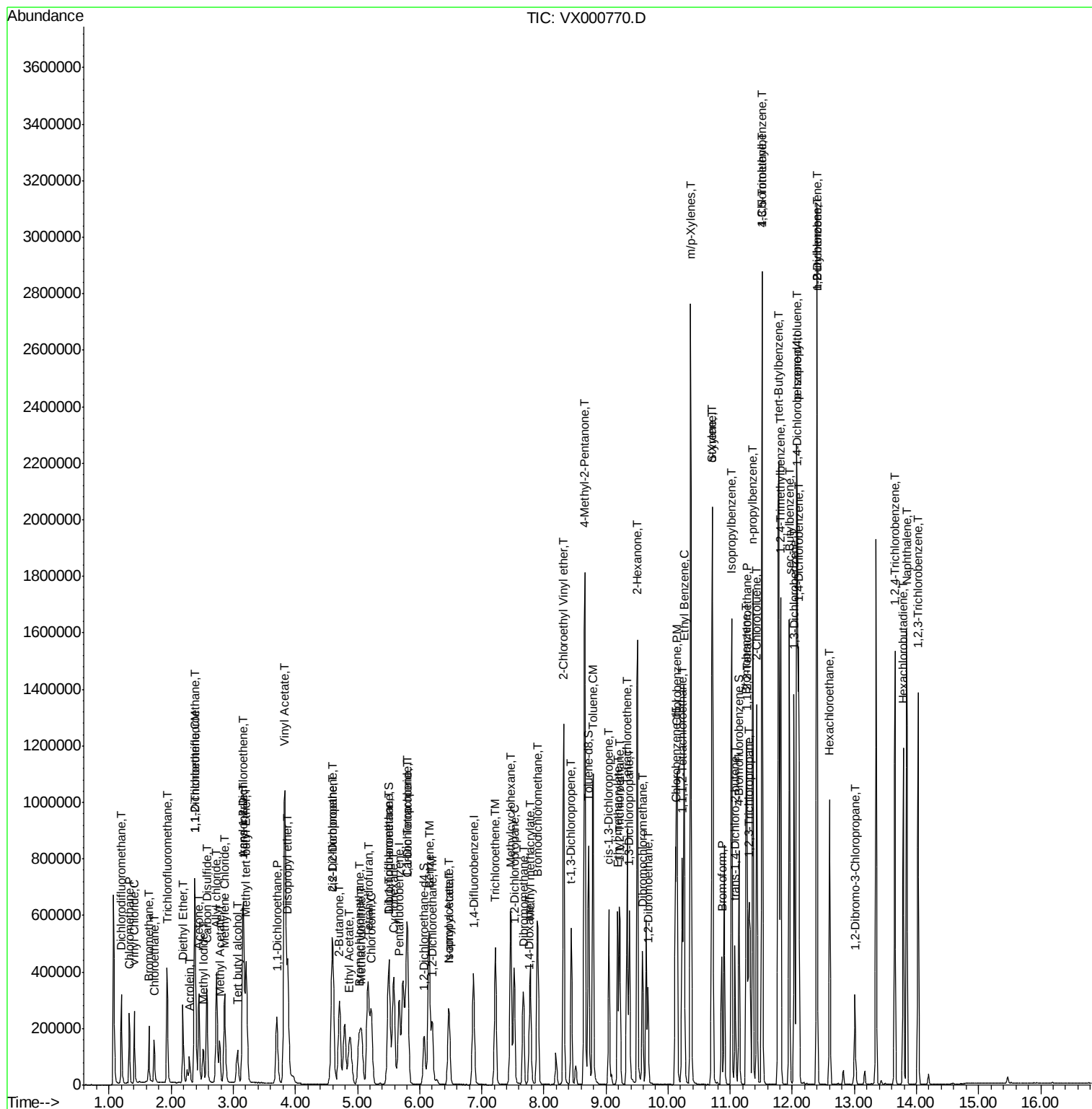
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
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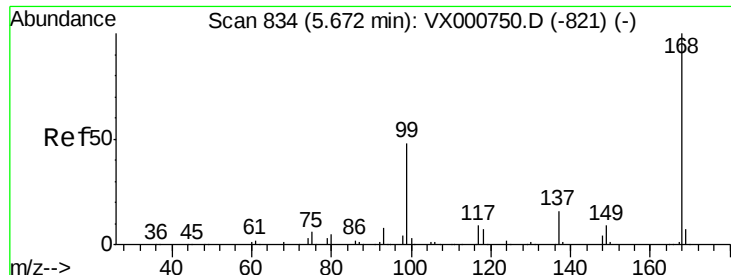
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 319379

Ion Ratio Lower Upper

168 100

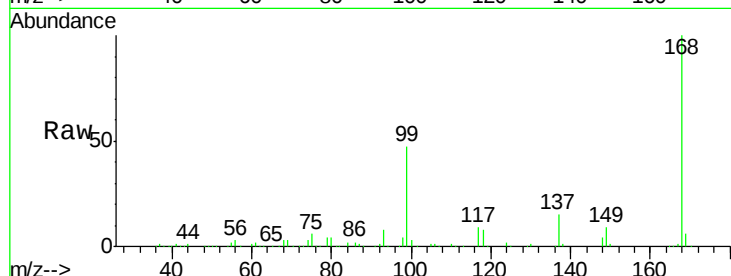
99 46.5 38.3 57.5

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

120000

100000

80000

60000

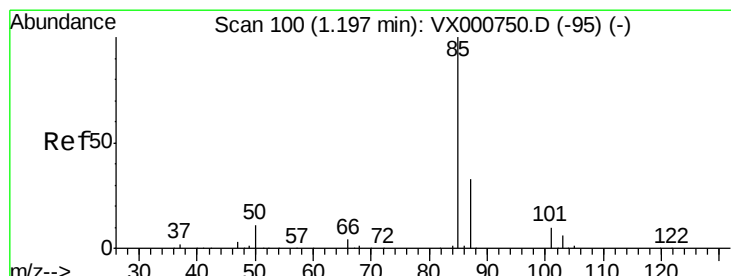
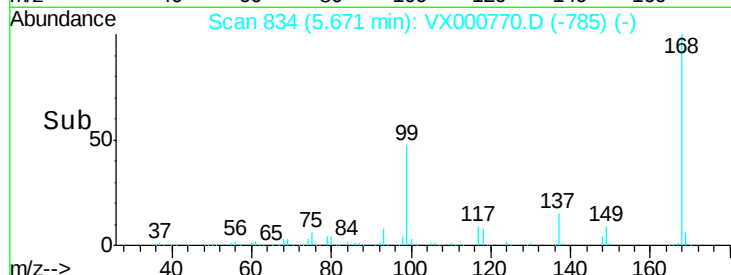
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.66 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000770.D

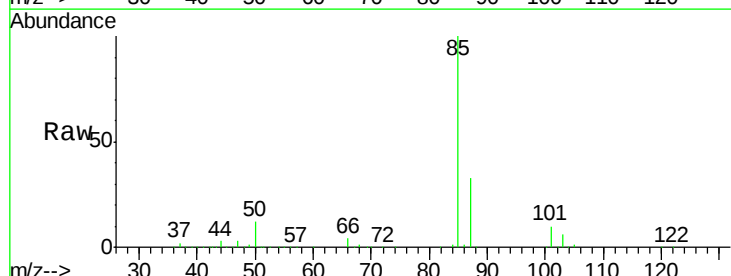
Acq: 11 Apr 2018 11:15

Tgt Ion: 85 Resp: 186247

Ion Ratio Lower Upper

85 100

87 32.9 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

200000

150000

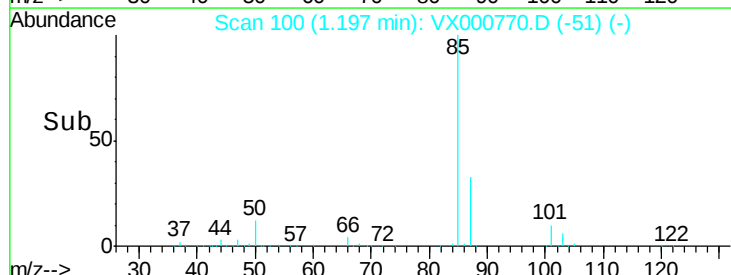
100000

50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 156859

Ion Ratio Lower Upper

50 100

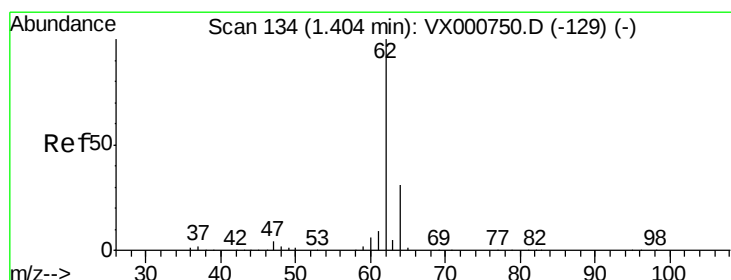
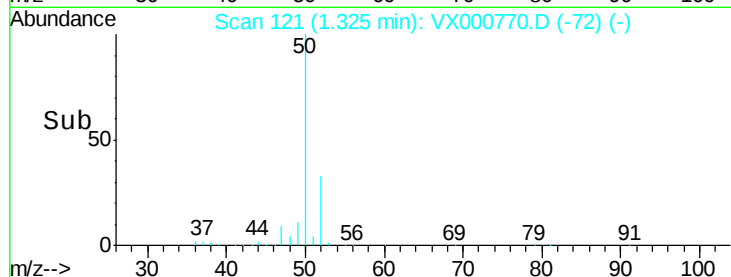
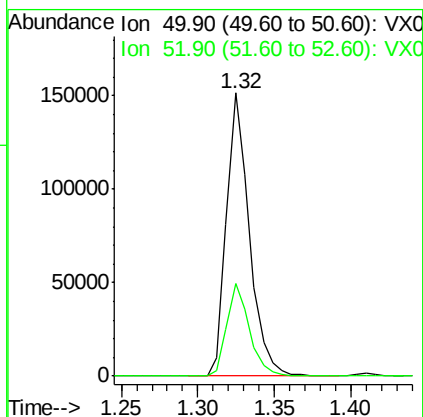
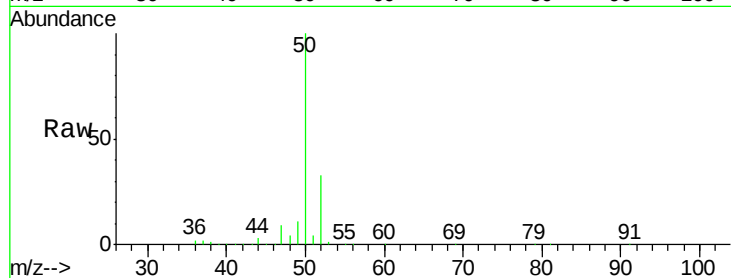
52 32.6 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.89 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000770.D

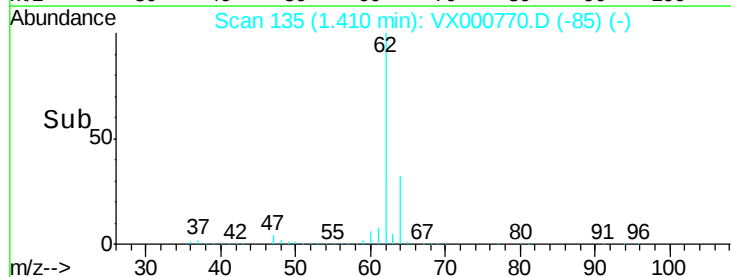
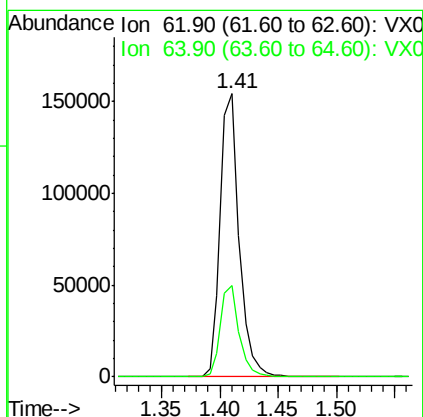
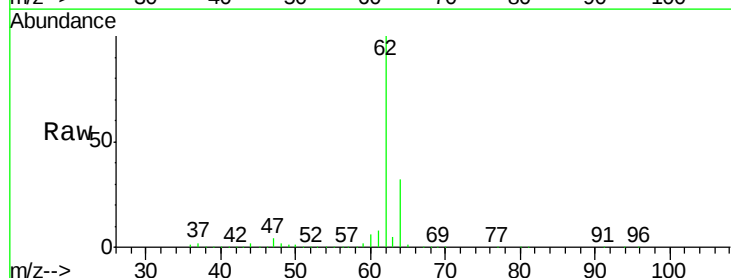
Acq: 11 Apr 2018 11:15

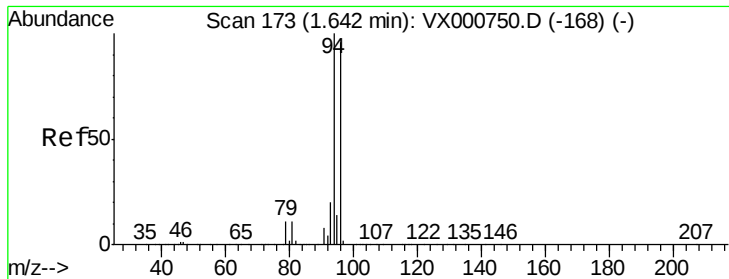
Tgt Ion: 62 Resp: 173461

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 55.14 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 79146

Ion Ratio Lower Upper

94 100

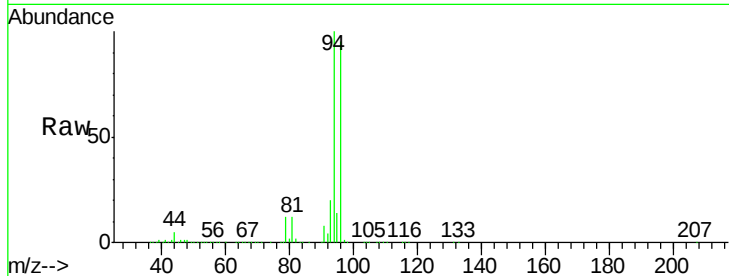
96 94.8 77.0 115.6

Manual Integrations

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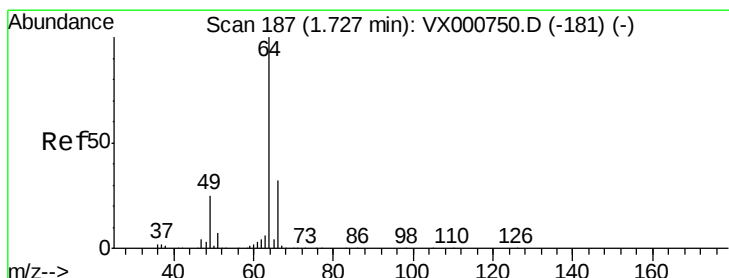
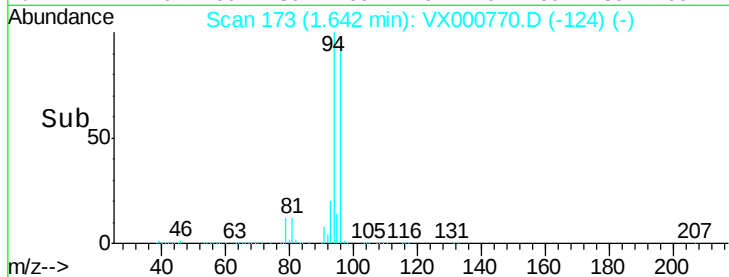
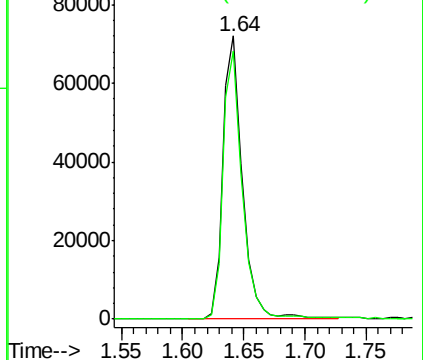
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4/12/2018 10:51:24 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.05 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000770.D

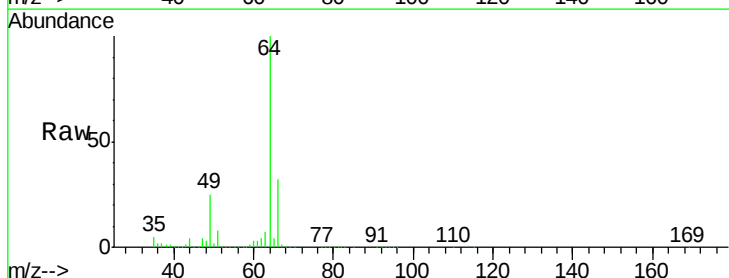
Acq: 11 Apr 2018 11:15

Tgt Ion: 64 Resp: 103360

Ion Ratio Lower Upper

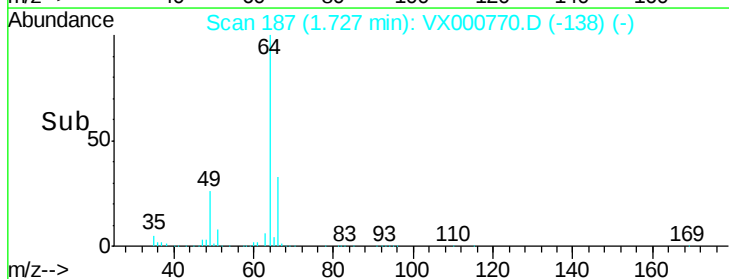
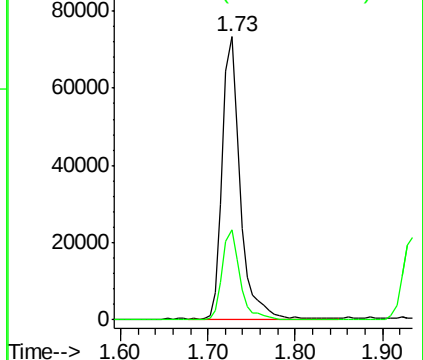
64 100

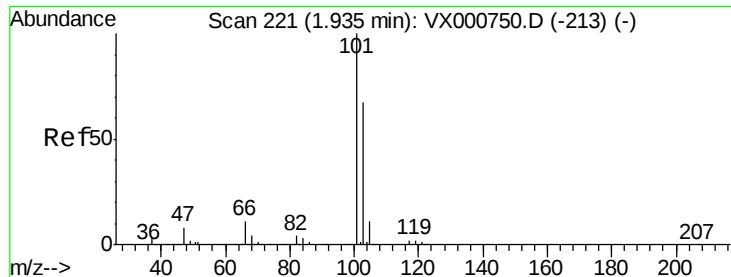
66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

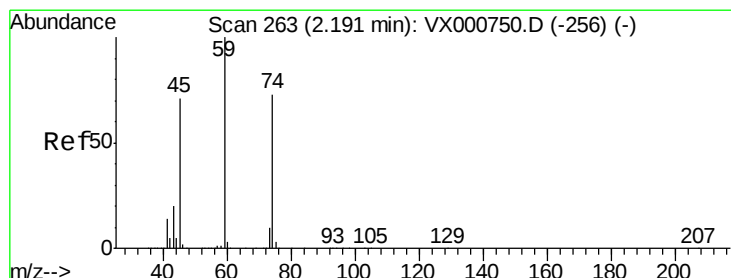
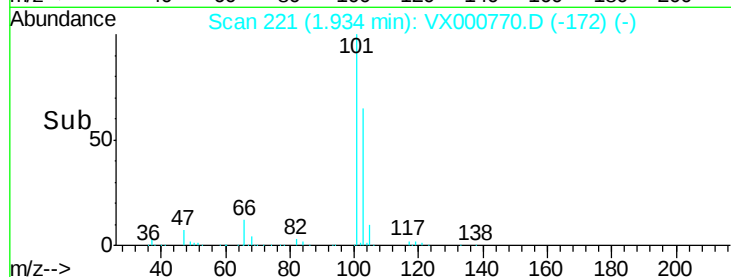
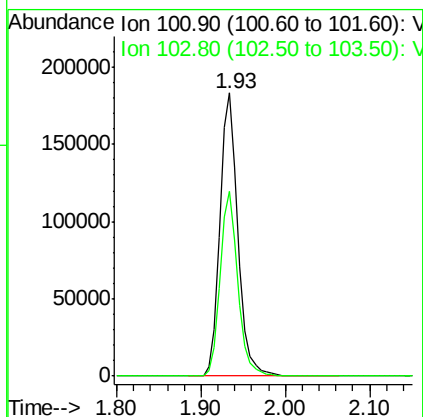
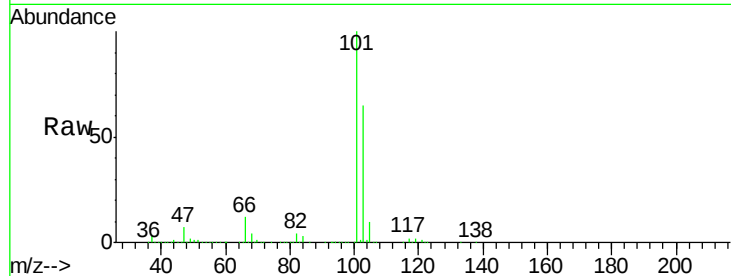
Trichlorofluoromethane
Concen: 51.46 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	269945		
103	65.4	53.2	79.8	

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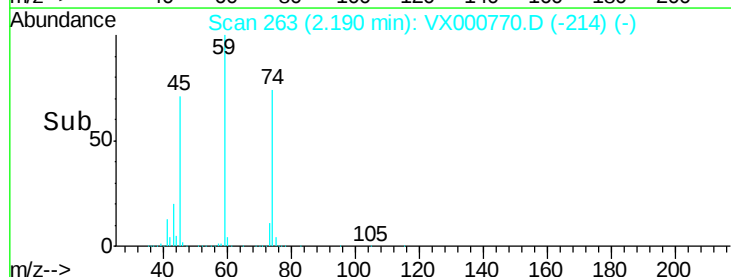
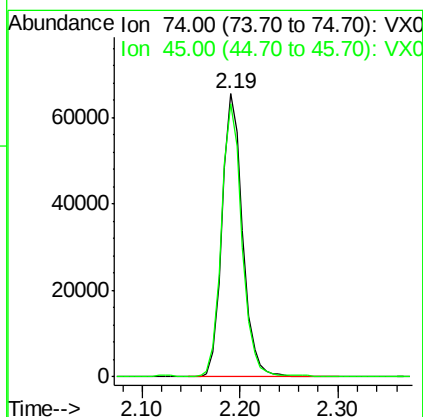
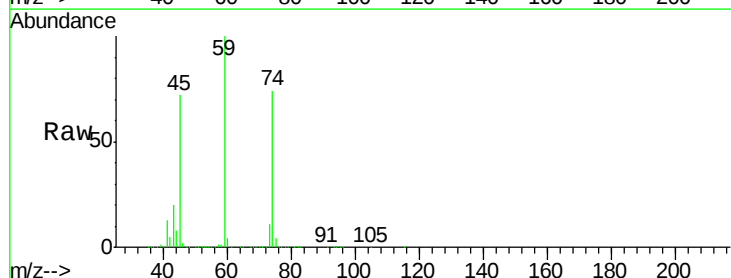
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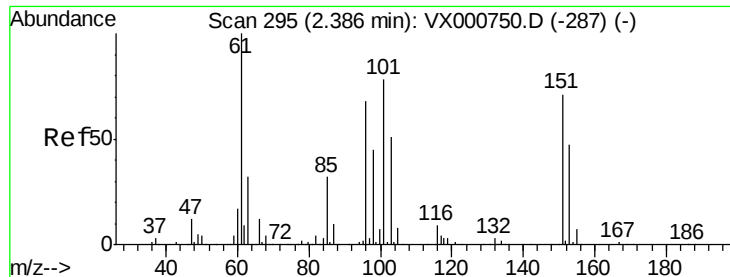


#8

Diethyl Ether
Concen: 48.45 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	94946		
45	96.5	48.6	145.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

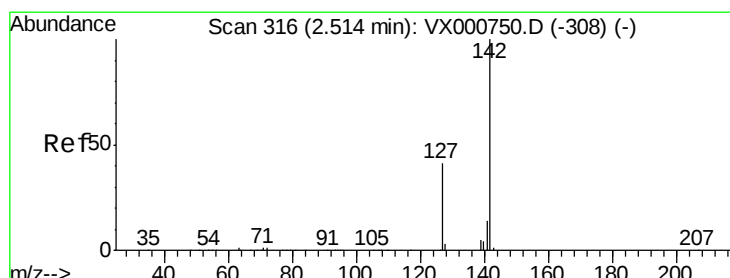
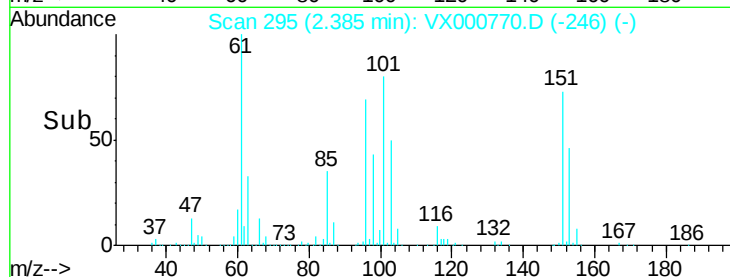
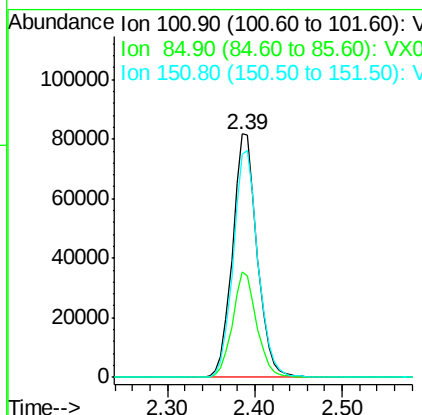
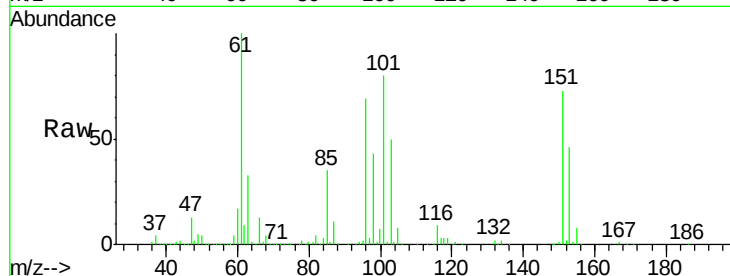
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	160623
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.0	51.0
151	93.6	75.8	113.8

Manual Integrations
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4/12/2018 10:51:24 AM



#10

Methyl Iodide

Concen: 52.67 ug/l

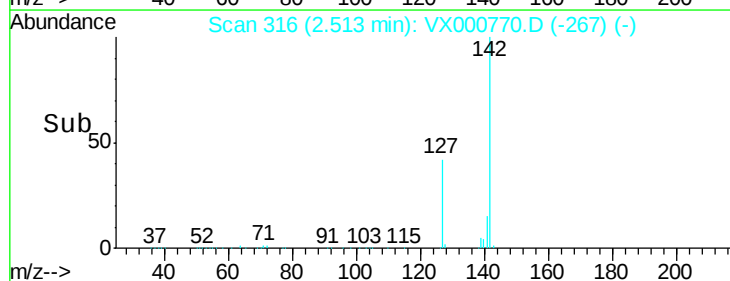
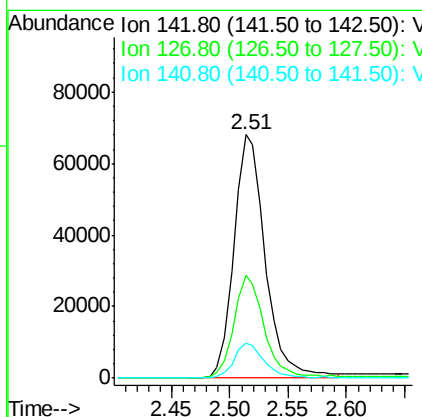
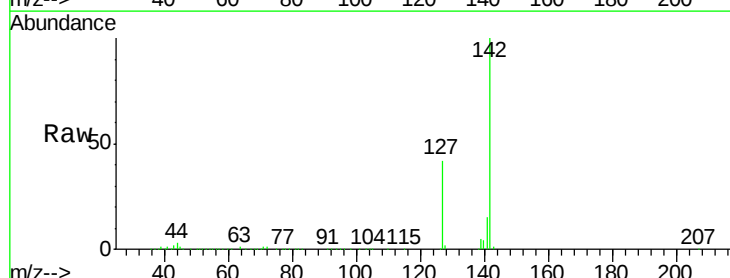
RT: 2.51 min Scan# 316

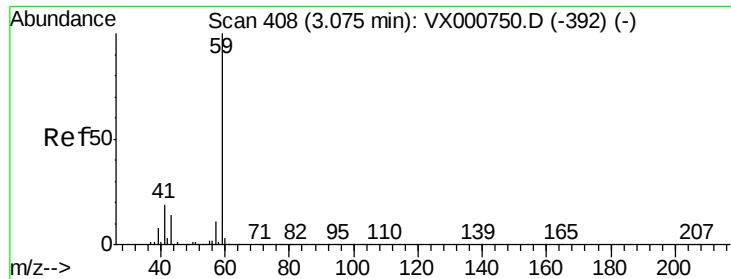
Delta R.T. 0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	142	Resp:	128049
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.6	49.0
141	14.1	11.5	17.3





#11

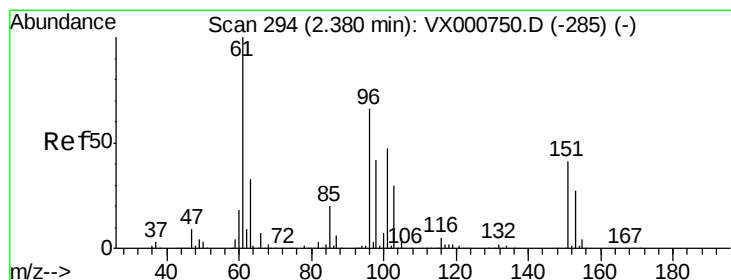
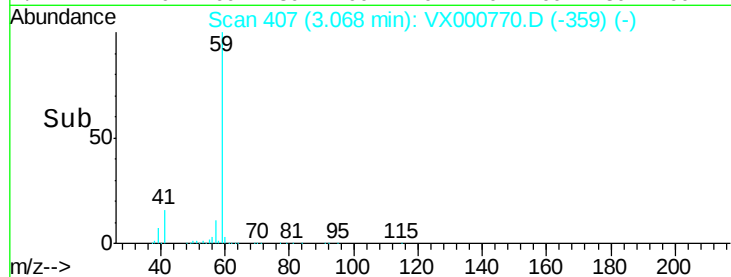
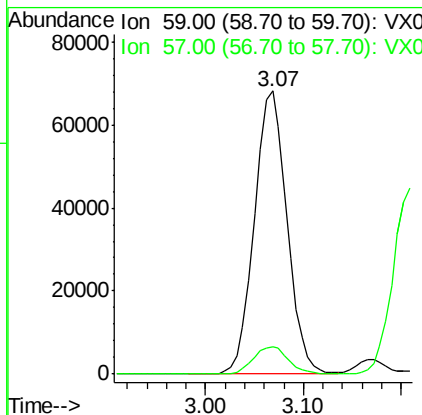
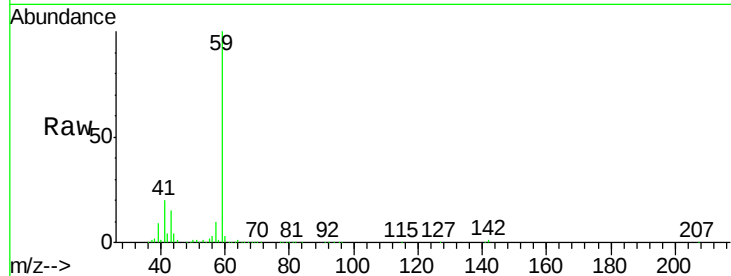
Tert butyl alcohol
Concen: 221.14 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

Manual Integrations
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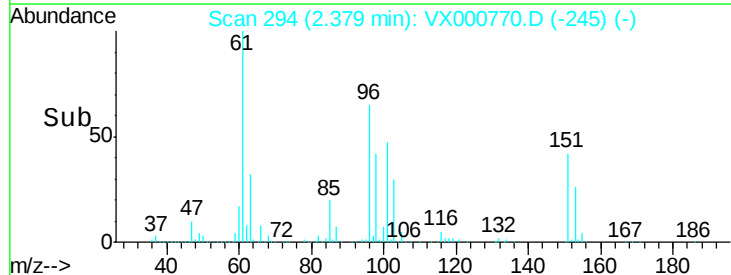
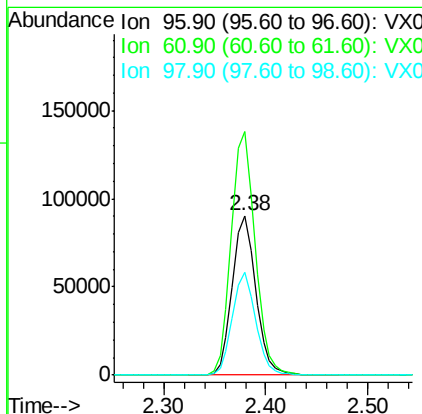
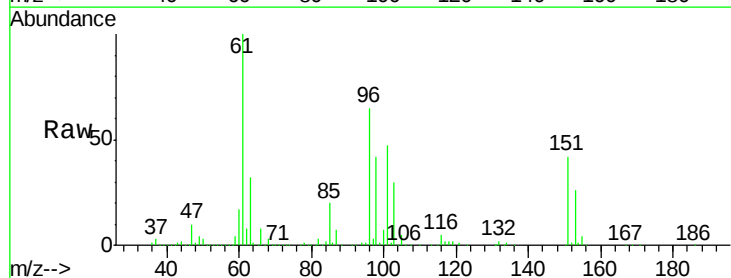
MMDadoda
4/12/2018 10:51:24 AM

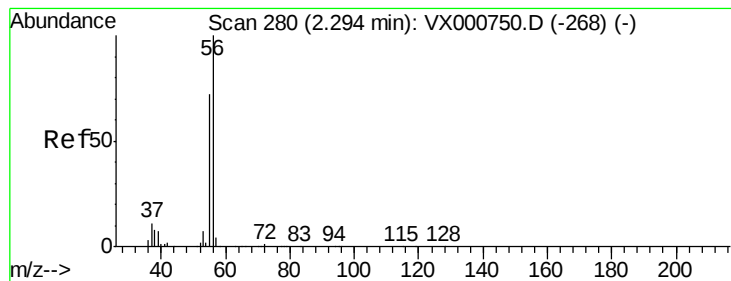


#12

1,1-Dichloroethene
Concen: 49.26 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	120.5	180.7
98	64.3	50.9	76.3





#13

Acrolein

Concen: 192.88 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 66968

Ion Ratio Lower Upper

56 100

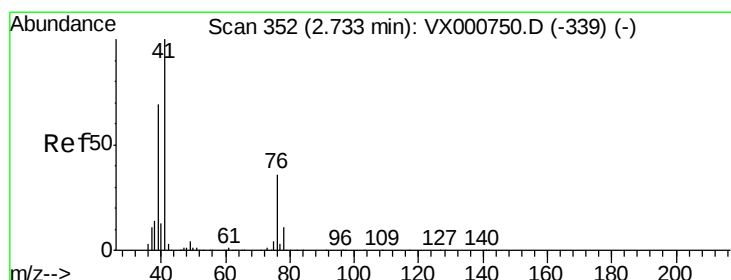
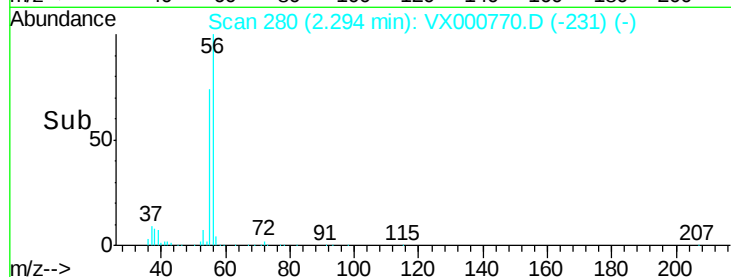
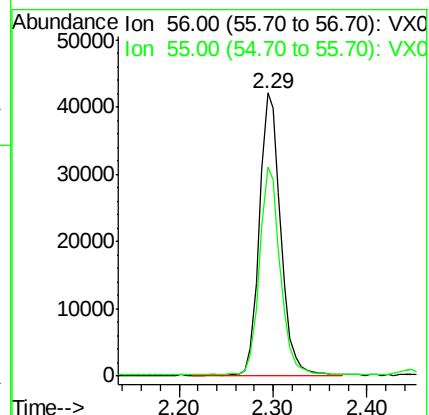
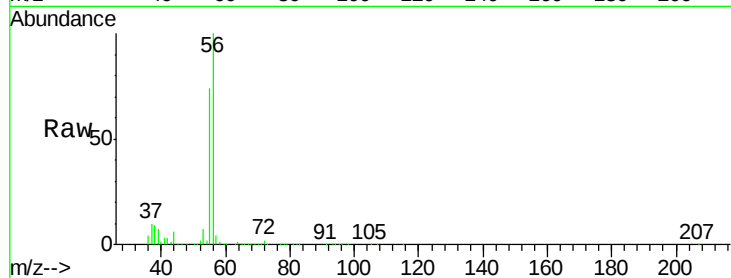
55 72.3 58.7 88.1

Manual Integrations

APPROVED

MMDadoda

4/12/2018 10:51:24 AM



#14

Allyl chloride

Concen: 48.89 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

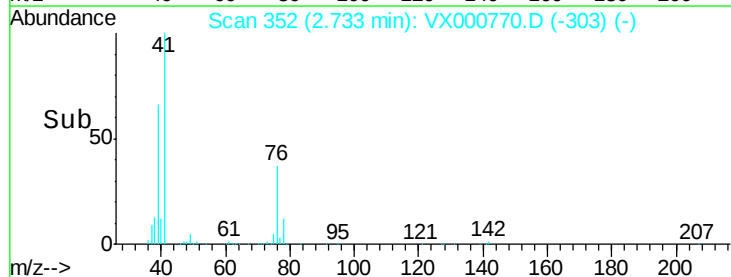
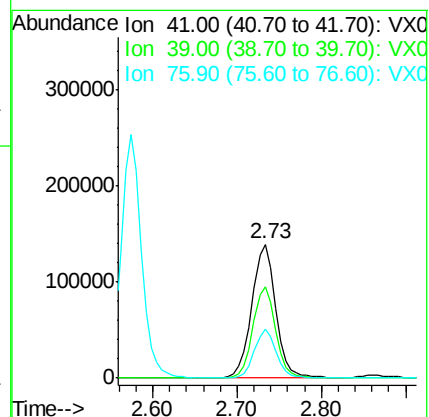
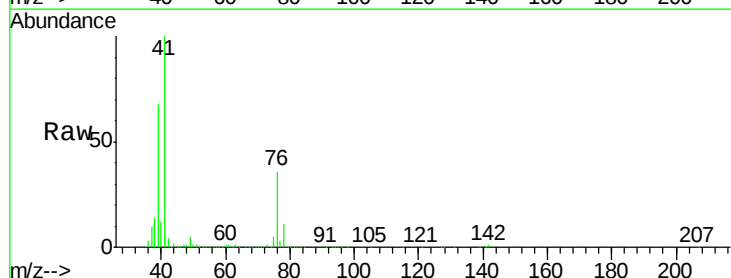
Tgt Ion: 41 Resp: 265008

Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 236.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

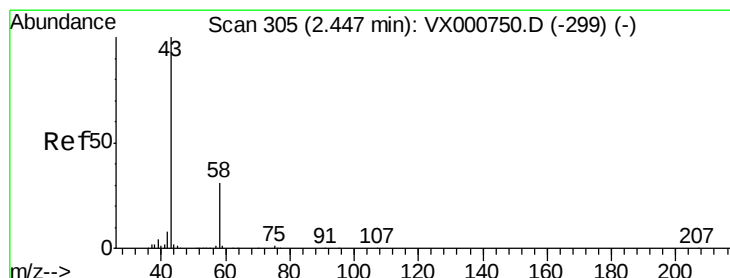
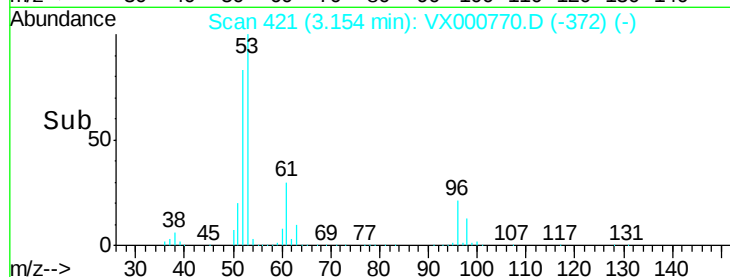
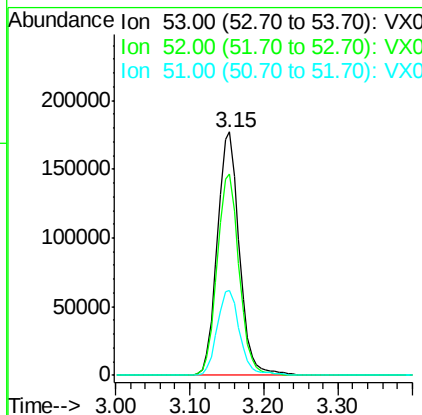
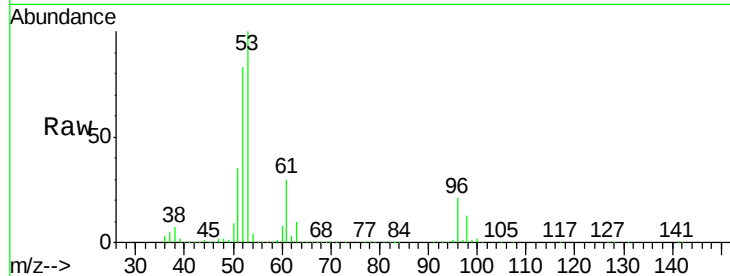
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	360929
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.5	99.7
51	36.0	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
4/12/2018 10:51:24 AM



#16

Acetone

Concen: 231.56 ug/l

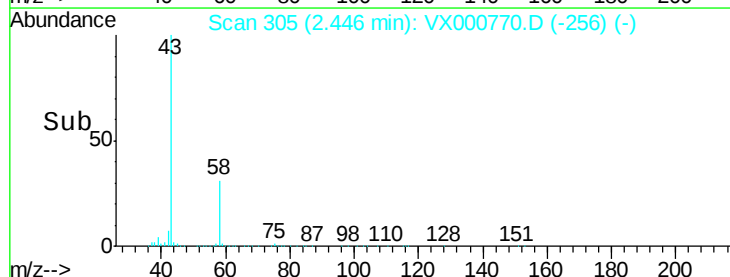
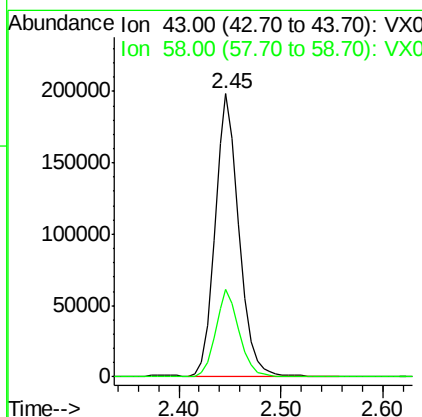
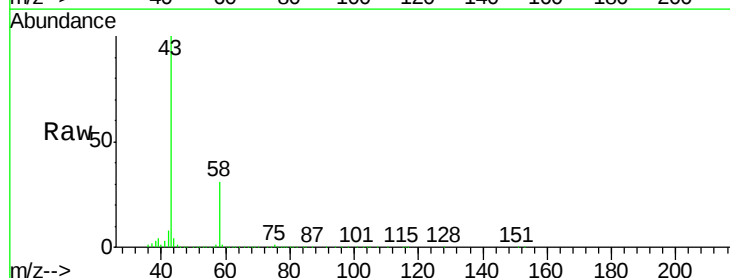
RT: 2.45 min Scan# 305

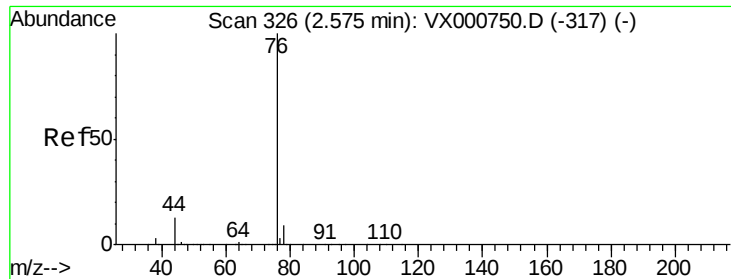
Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	43	Resp:	321571
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.6	37.0





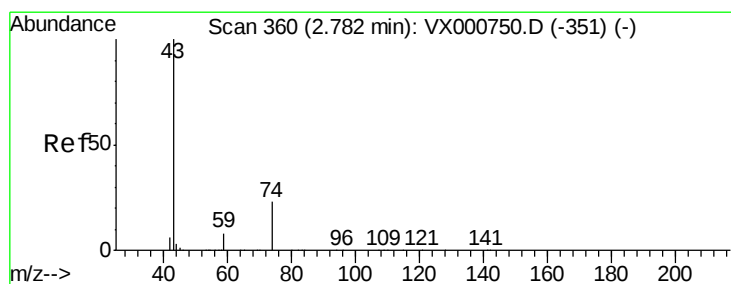
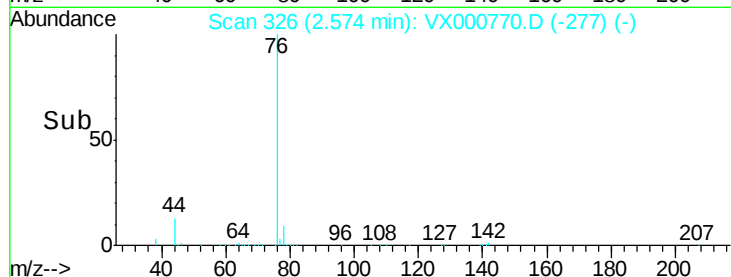
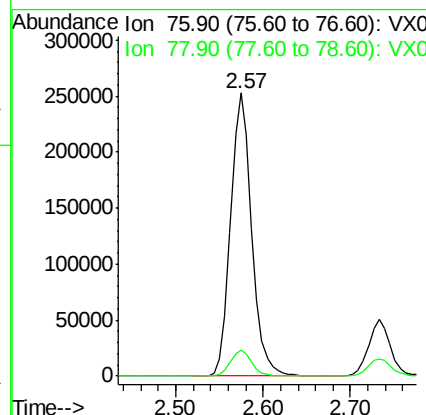
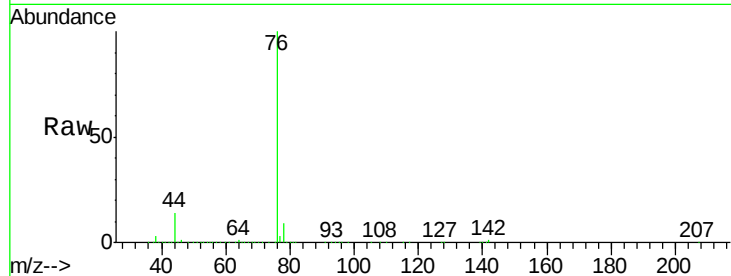
#17
Carbon Disulfide
Concen: 47.63 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

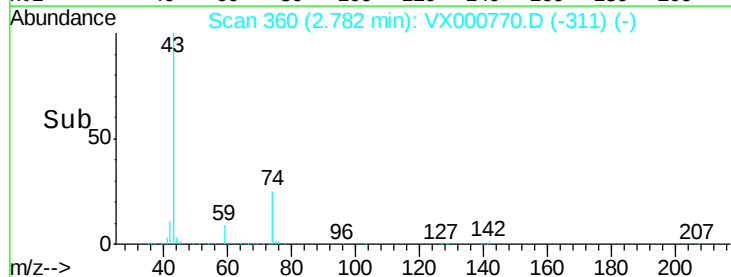
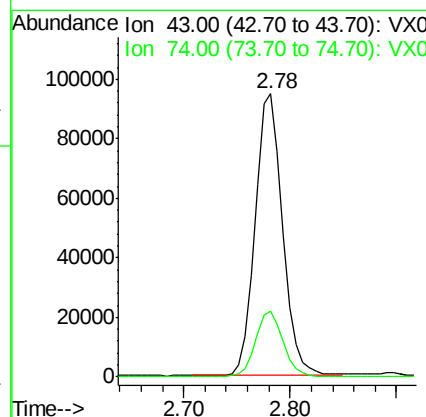
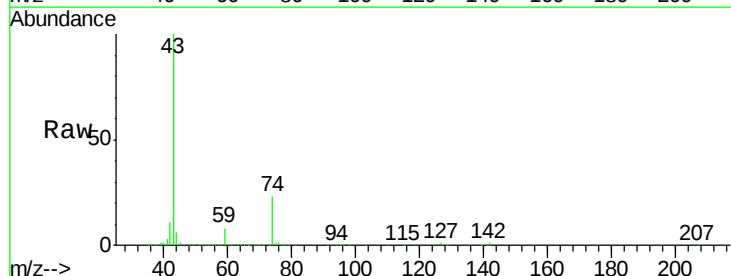
Manual Integrations
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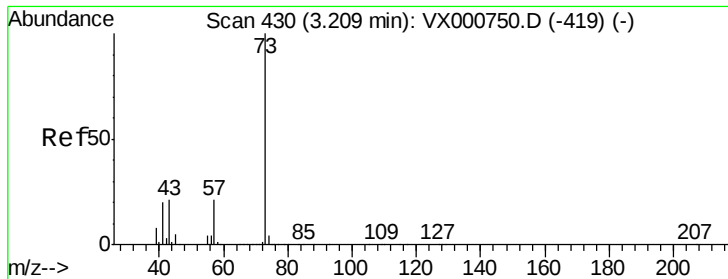
MMDadoda
4/12/2018 10:51:24 AM



#18
Methyl Acetate
Concen: 47.62 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.1	28.7





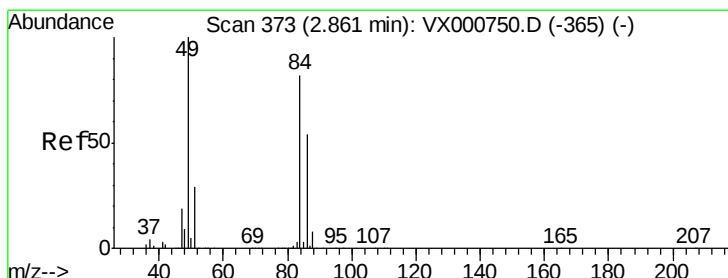
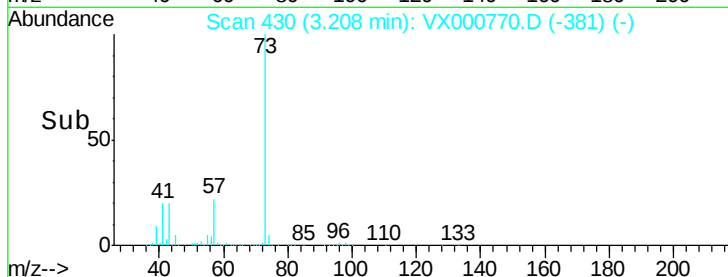
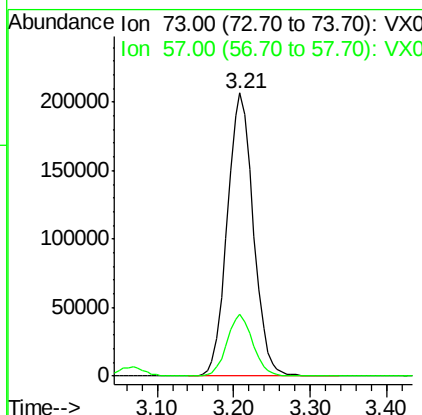
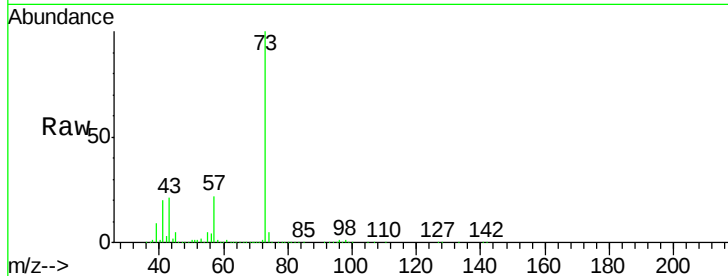
#19
Methvl tert-butvl Ether
Concen: 49.84 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.9	25.3

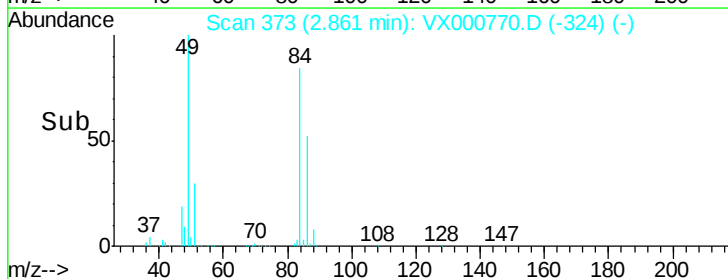
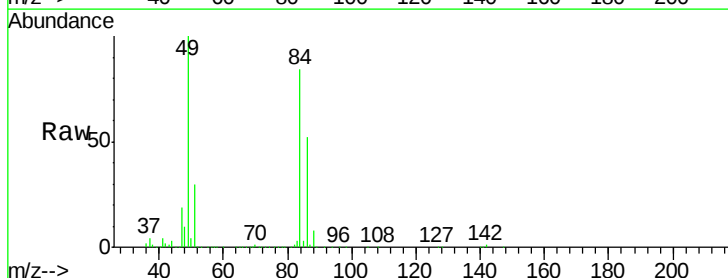
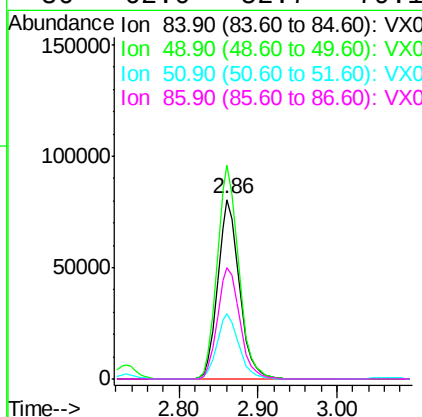
Manual Integrations
APPROVED

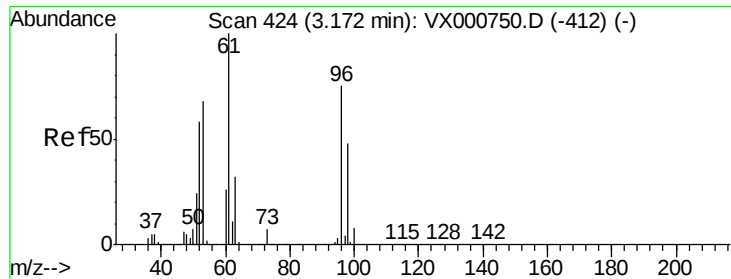
MMDadoda
4/12/2018 10:51:24 AM



#20
Methylene Chloride
Concen: 47.48 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	98.1	147.1
51	35.9	28.9	43.3
86	62.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 48.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

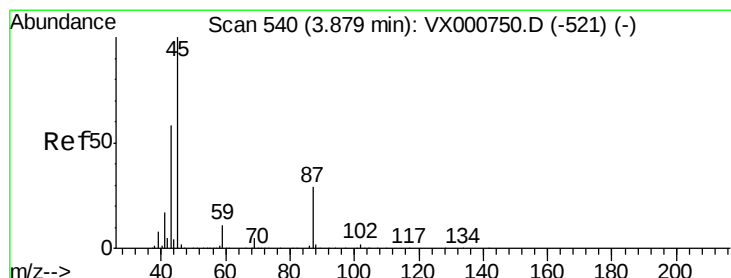
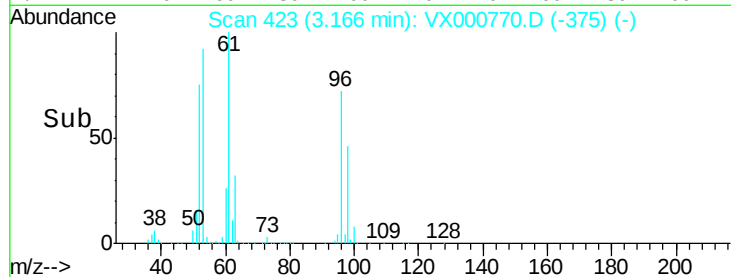
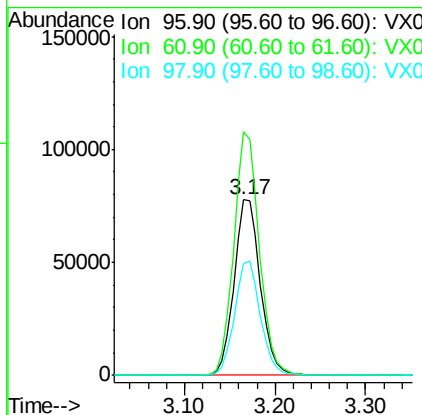
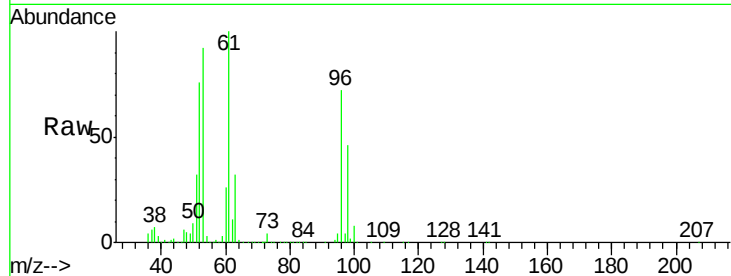
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	155290
Ion	Ratio	Lower	Upper
96	100		
61	138.7	106.2	159.2
98	63.6	51.2	76.8

Manual Integrations
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MMDadoda
4/12/2018 10:51:24 AM



#22

Diisopropyl ether

Concen: 48.87 ug/l

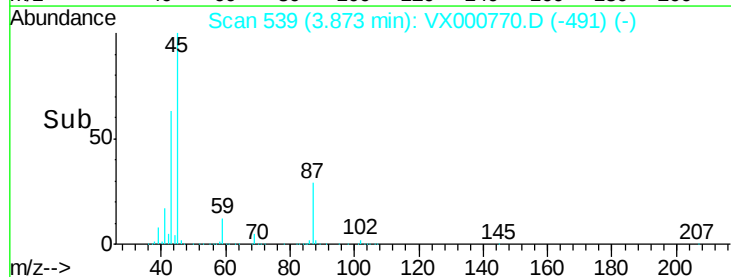
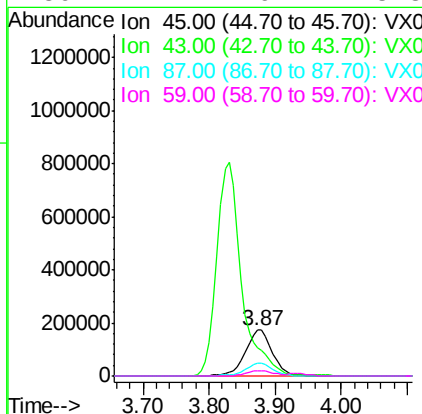
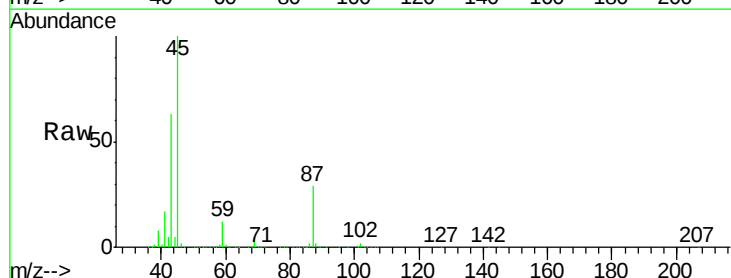
RT: 3.87 min Scan# 539

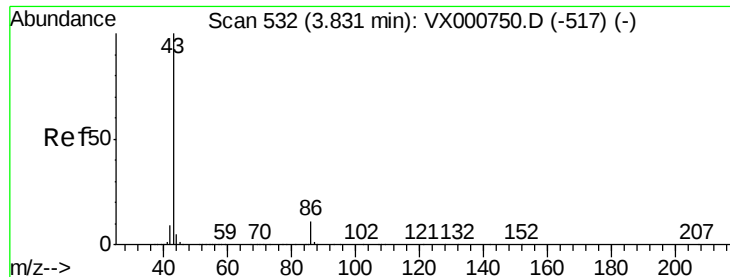
Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	45	Resp:	486759
Ion	Ratio	Lower	Upper
45	100		
43	62.5	46.6	69.8
87	28.9	22.9	34.3
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 241.10 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2108619

Ion Ratio Lower Upper

43 100

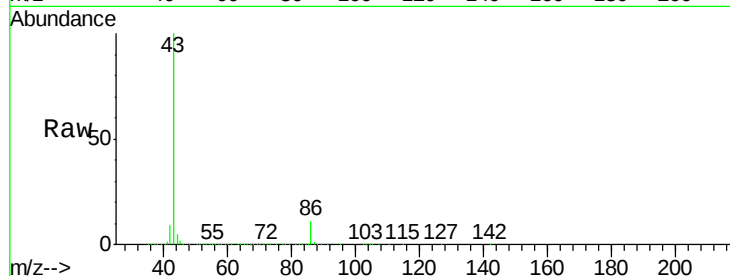
86 10.6 8.6 12.8

Manual Integrations

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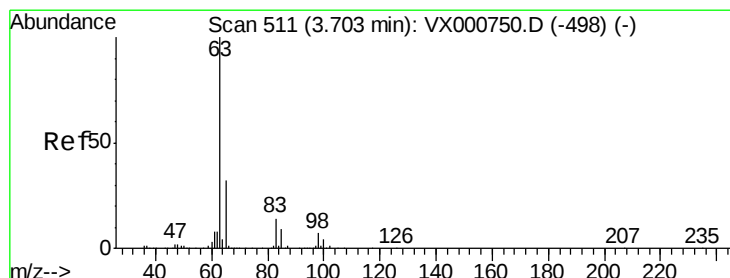
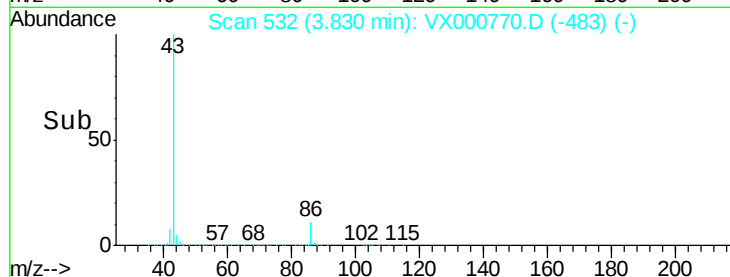
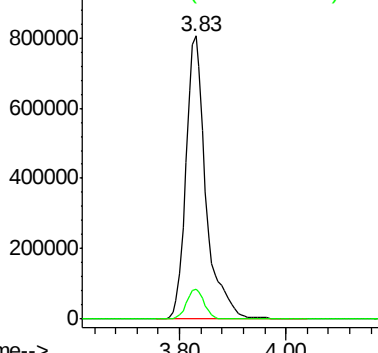
MMDadoda

4/12/2018 10:51:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.94 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

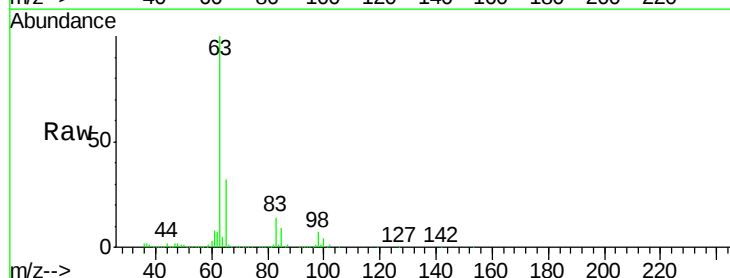
Tgt Ion: 63 Resp: 273533

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

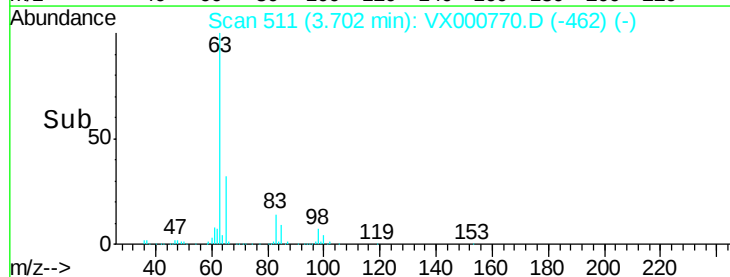
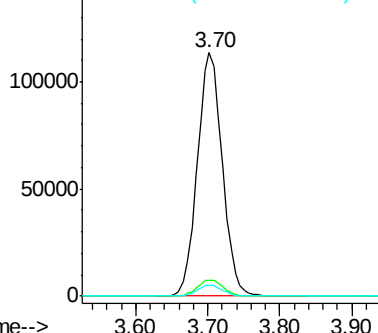
100 4.4 2.1 6.3

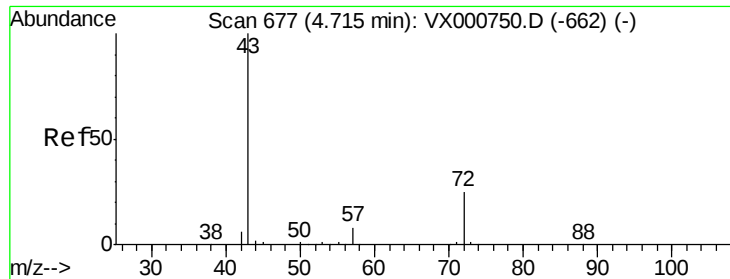


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 534810

Ion Ratio Lower Upper

43 100

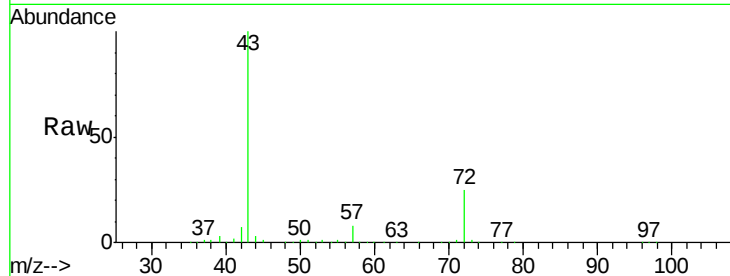
72 24.9 20.3 30.5

Manual Integrations

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MMDadoda

4/12/2018 10:51:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

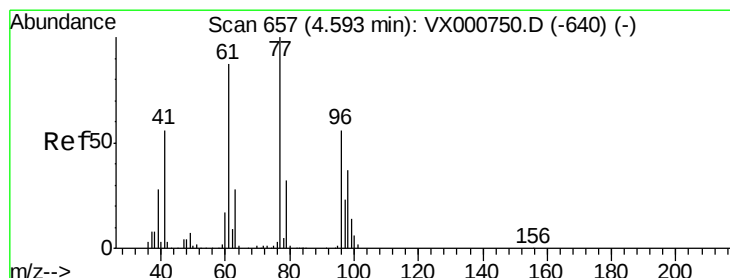
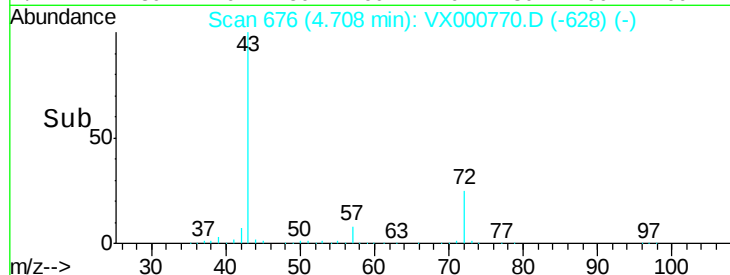
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.61 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000770.D

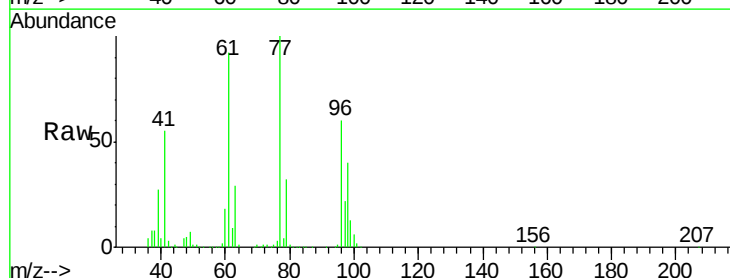
Acq: 11 Apr 2018 11:15

Tgt Ion: 77 Resp: 275226

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

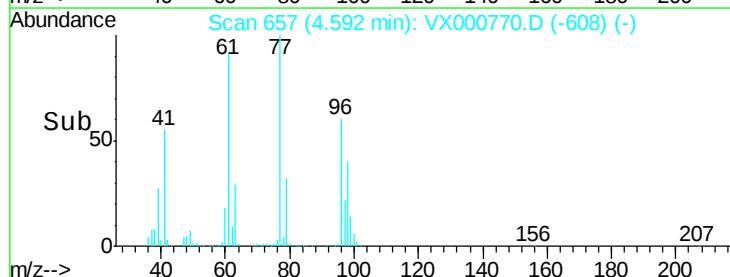
40000

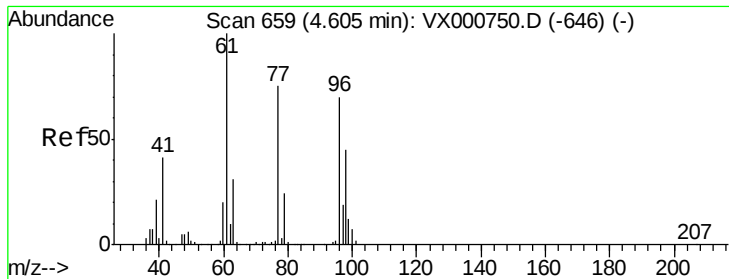
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

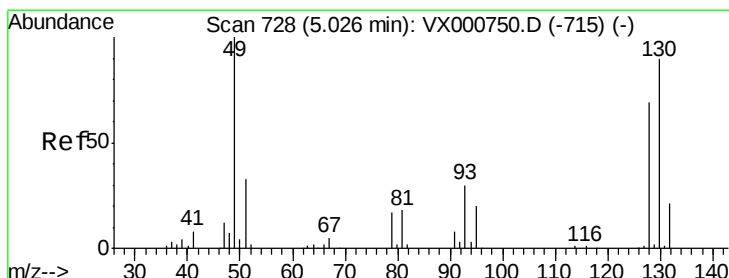
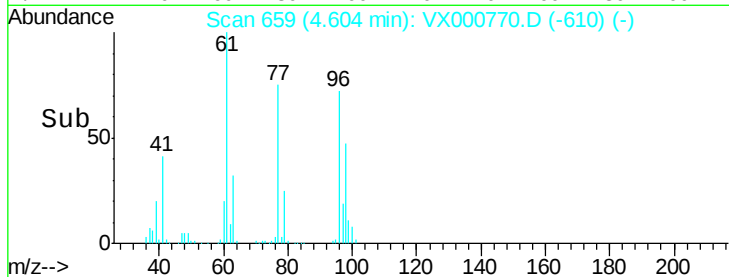
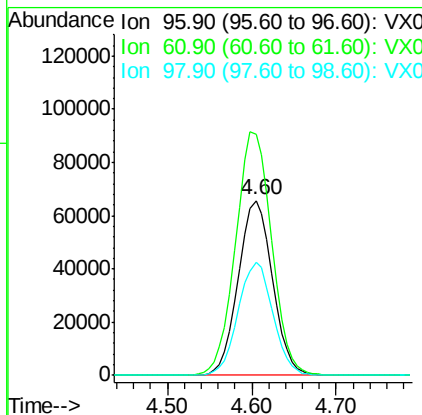
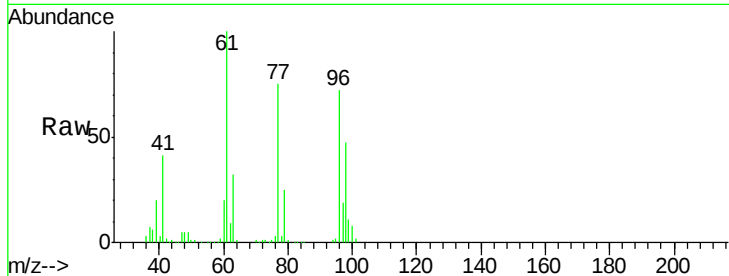
cis-1,2-Dichloroethene
 Concen: 49.35 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	181033		
61	146.9	0.0	292.4	
98	65.4	0.0	130.2	

Manual Integrations
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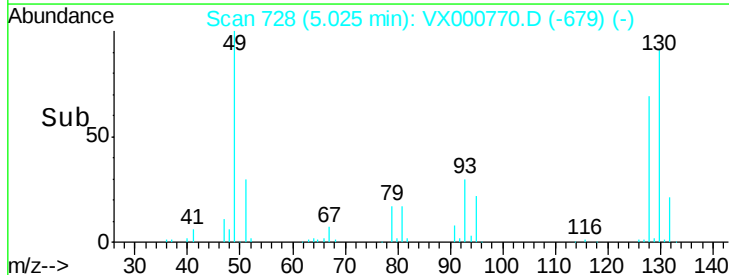
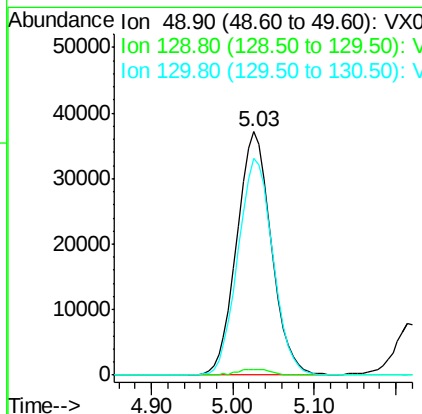
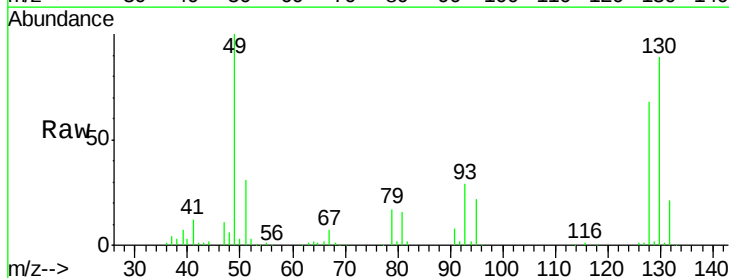
MMDadoda
 4/12/2018 10:51:24 AM

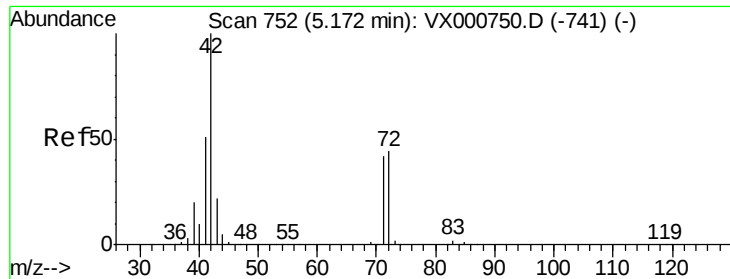


#28

Bromochloromethane
 Concen: 48.63 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109464		
129	2.4	0.0	5.2	
130	90.0	72.6	109.0	





#29

Tetrahydrofuran

Concen: 231.08 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

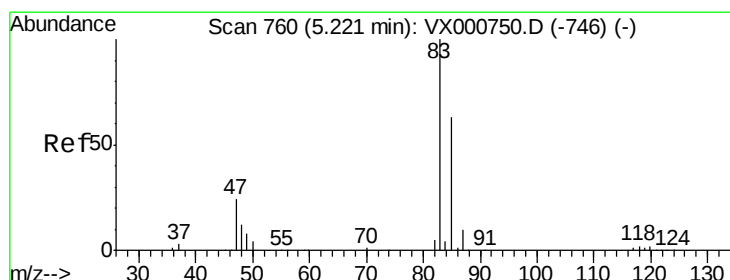
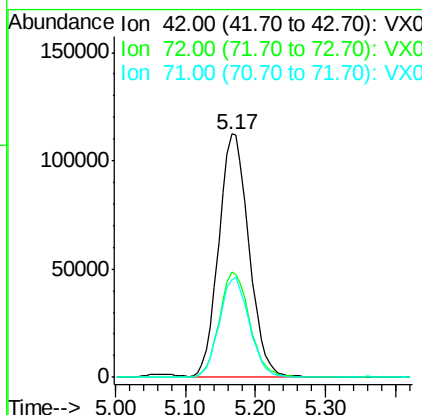
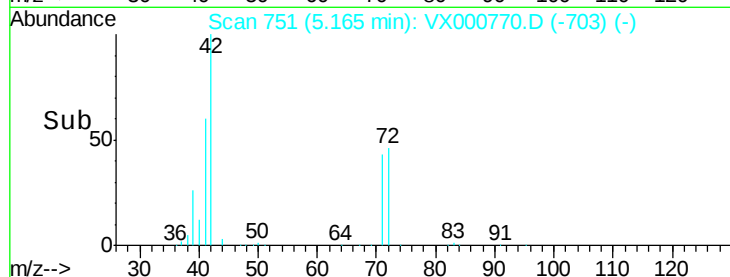
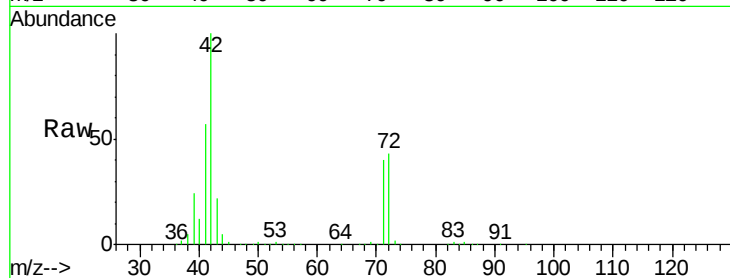
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	336473
Ion Ratio	Lower	Upper	
42	100		
72	43.5	35.1	52.7
71	40.9	32.8	49.2

Manual Integrations
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#30

Chloroform

Concen: 50.15 ug/l

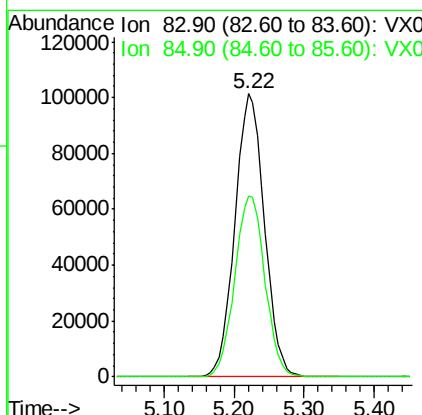
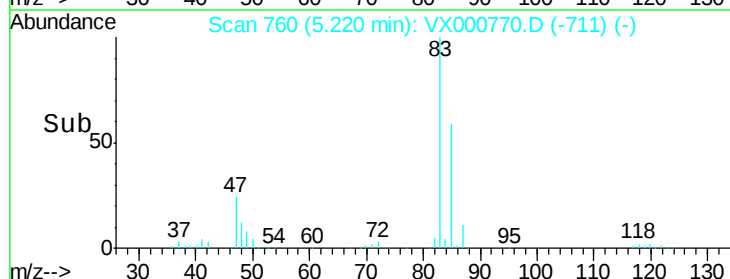
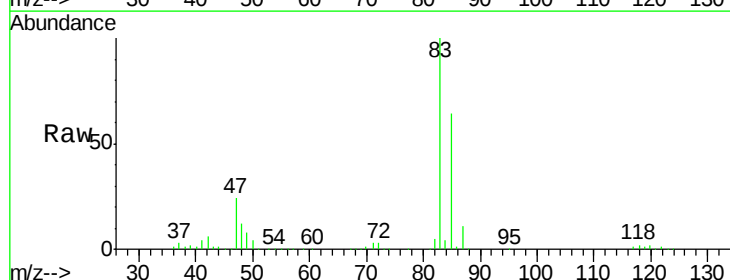
RT: 5.22 min Scan# 760

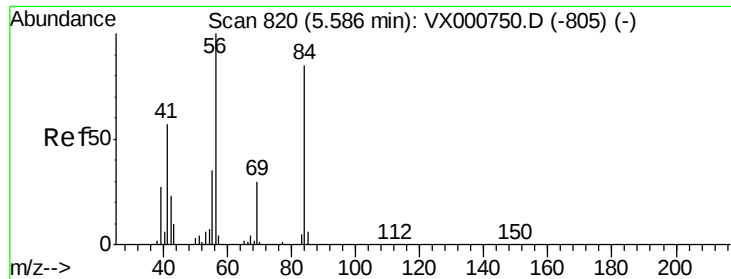
Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	83	Resp:	296758
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.7	76.1





#31

Cyclohexane

Concen: 50.08 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

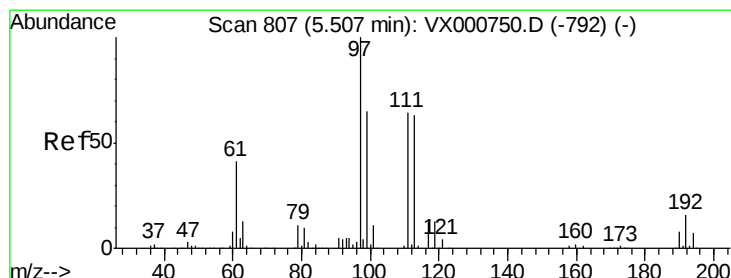
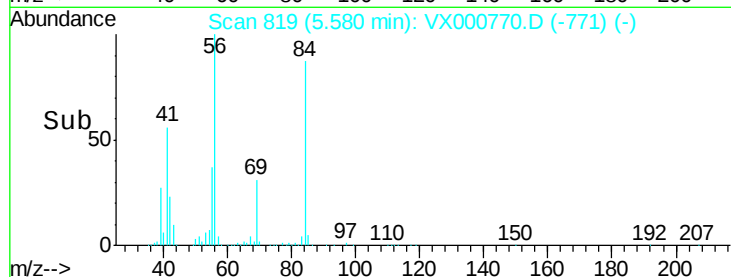
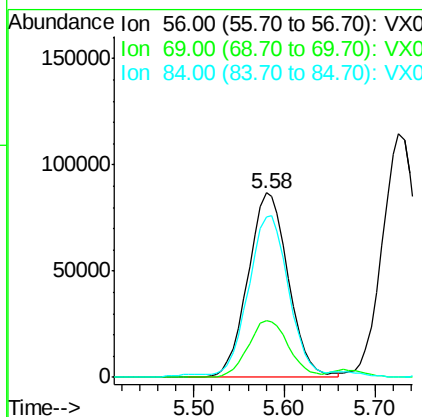
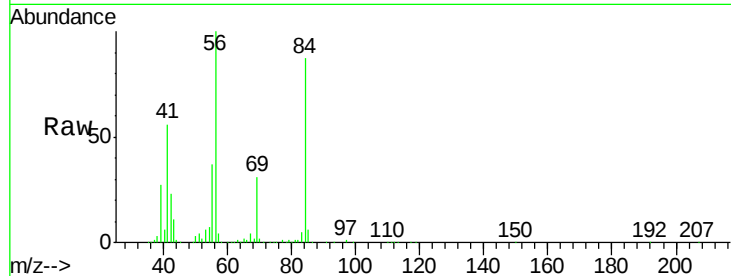
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	265822
Ion Ratio		Lower	Upper
56	100		
69	30.9	24.2	36.4
84	85.5	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.02 ug/l

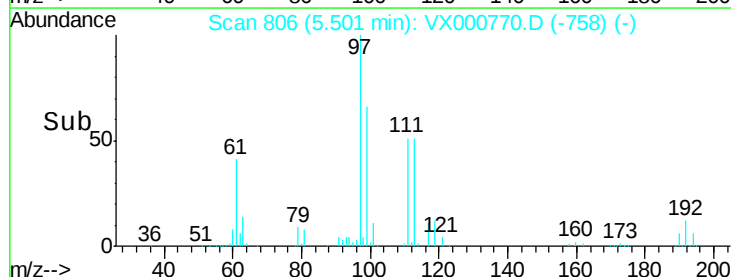
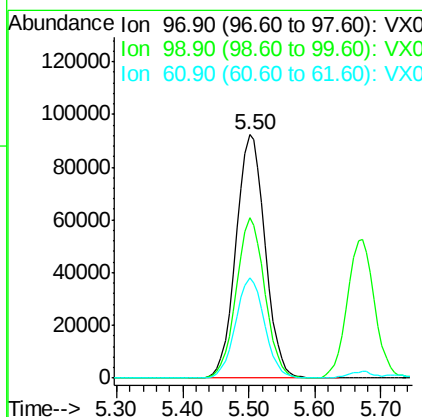
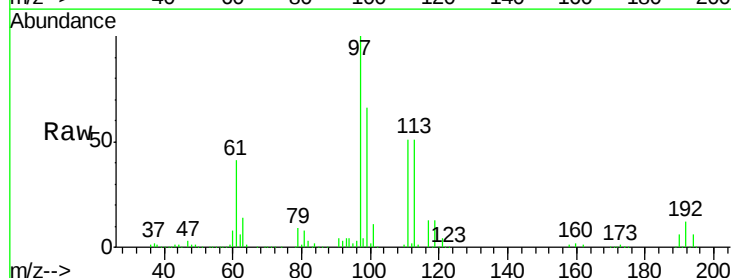
RT: 5.50 min Scan# 806

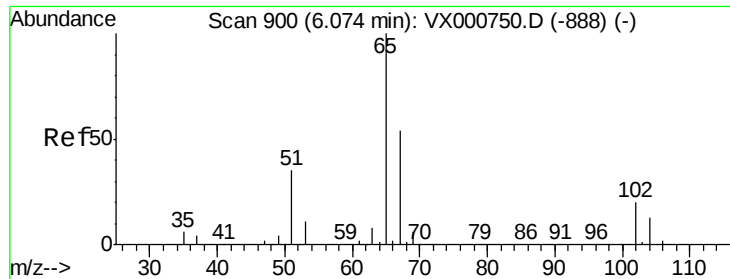
Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	97	Resp:	281988
Ion Ratio		Lower	Upper
97	100		
99	64.7	51.4	77.0
61	41.2	33.7	50.5





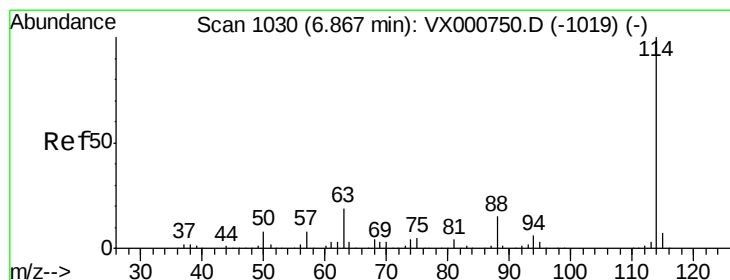
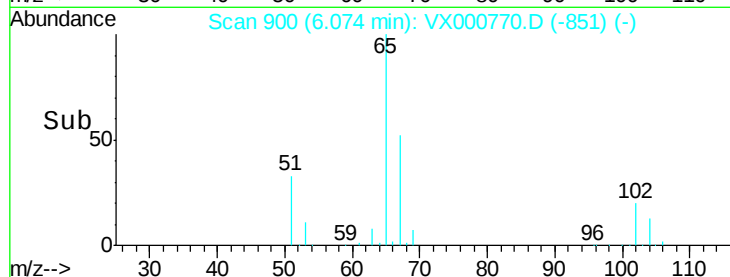
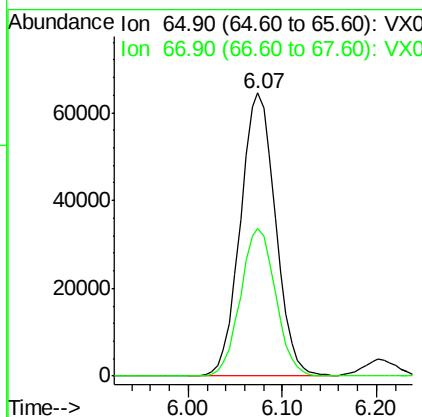
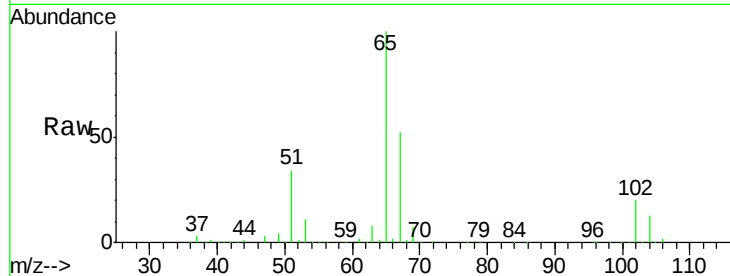
#33
 1,2-Dichloroethane-d4
 Concen: 41.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167429		
67	52.3	0.0	103.8	

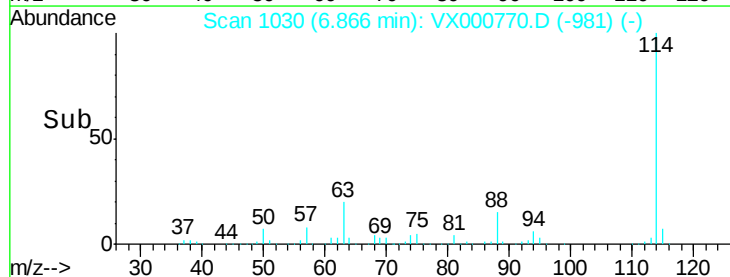
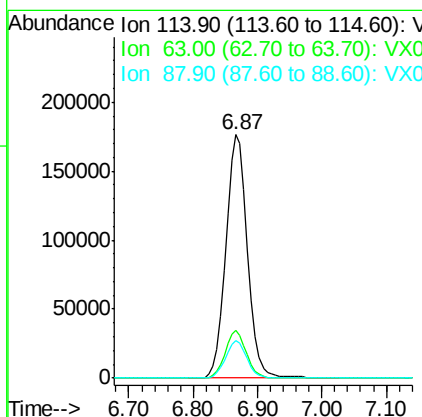
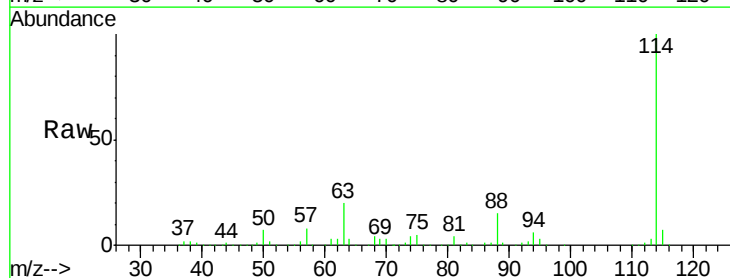
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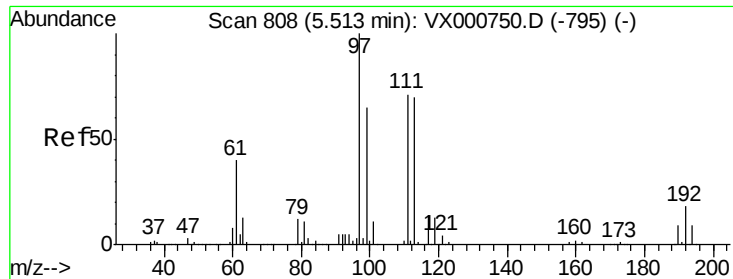
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	415998		
63	19.5	0.0	38.4	
88	15.3	0.0	31.0	





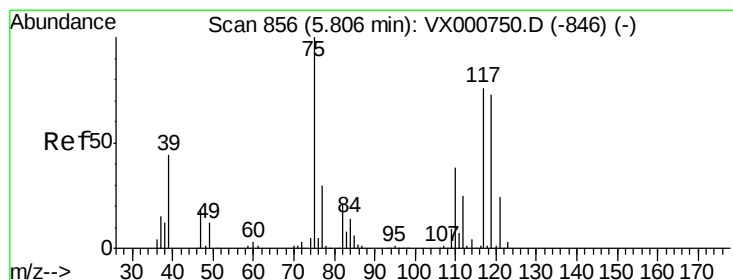
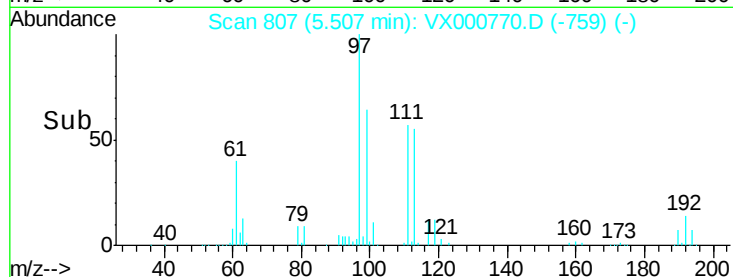
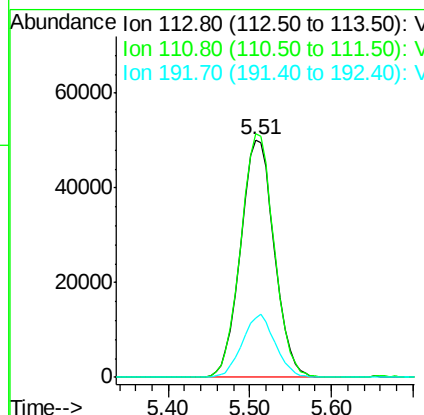
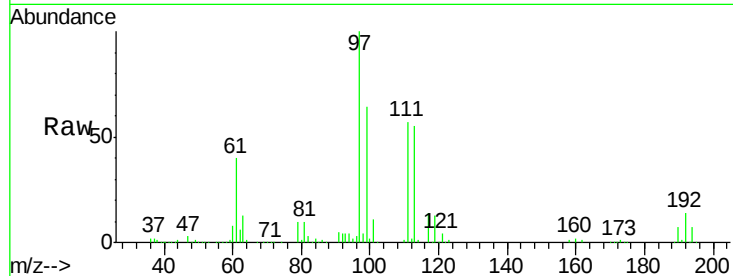
#35
 Dibromofluoromethane
 Concen: 44.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144020		
111	101.3	81.5	122.3	
192	25.7	20.4	30.6	

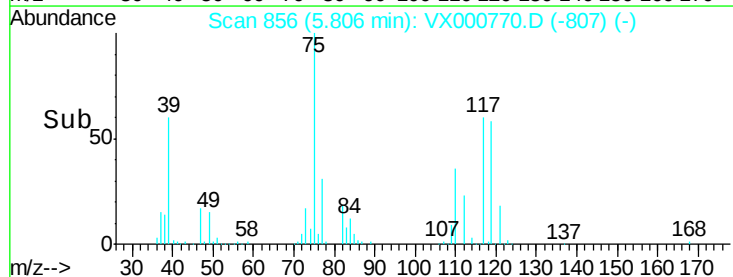
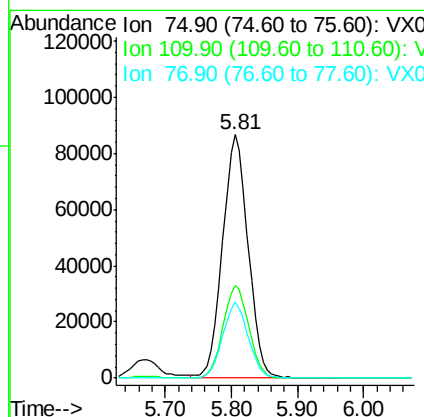
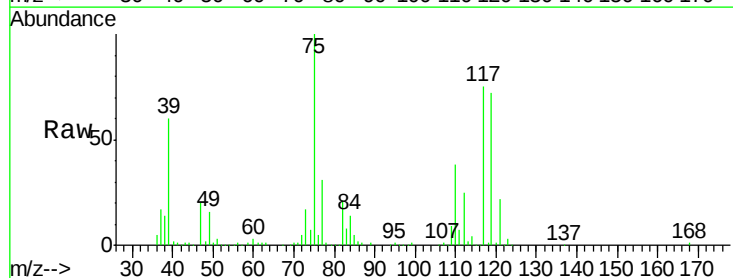
Manual Integrations
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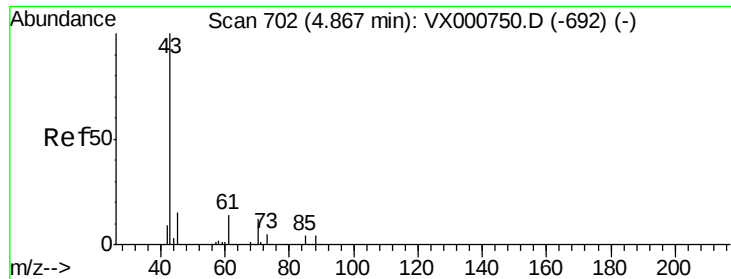
MMDadoda
 4/12/2018 10:51:24 AM



#36
 1,1-Dichloropropene
 Concen: 50.75 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	232495		
110	38.0	19.2	57.6	
77	30.8	25.4	38.2	





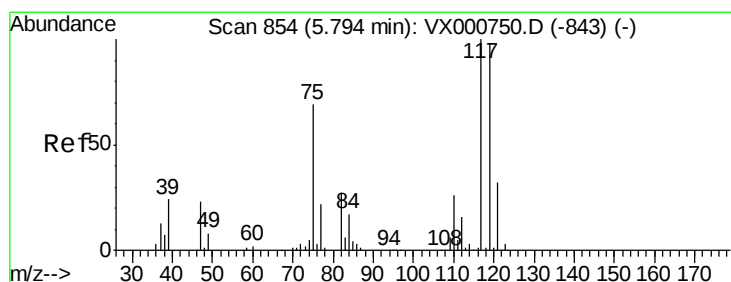
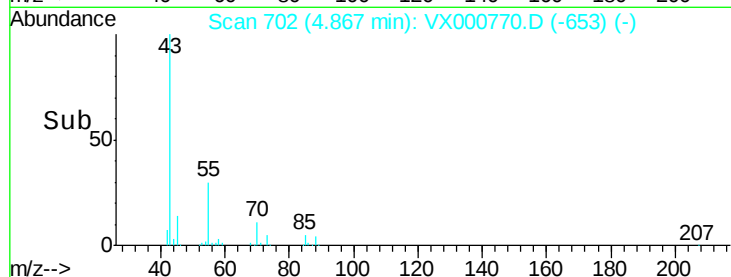
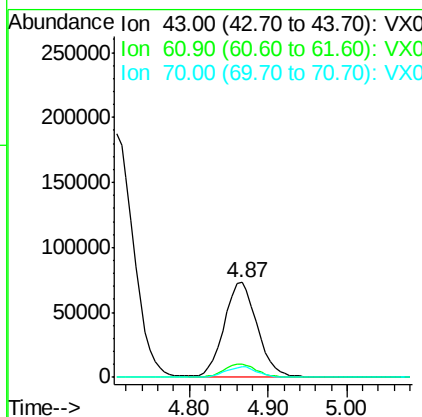
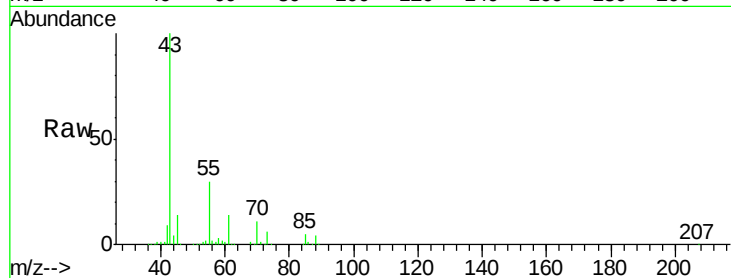
#37
Ethyl Acetate
Concen: 47.54 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	212639
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.0	8.7	13.1

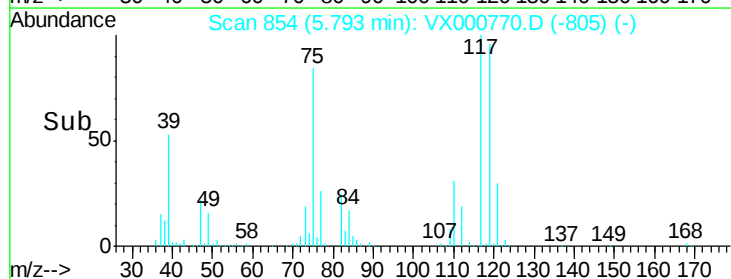
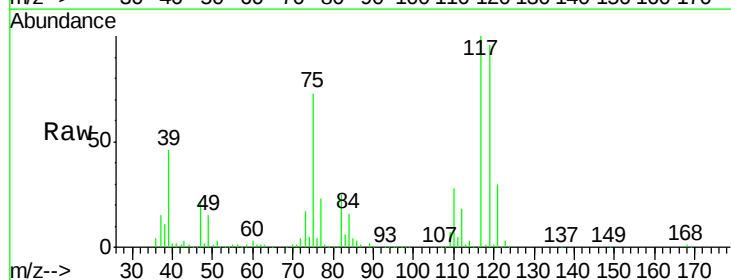
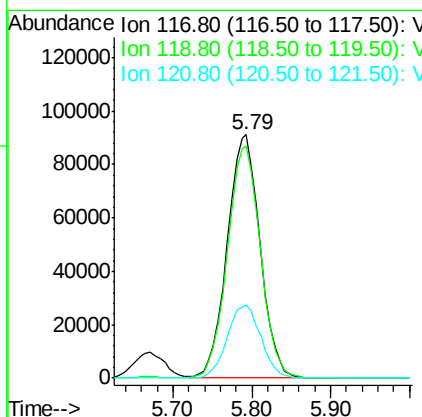
Manual Integrations
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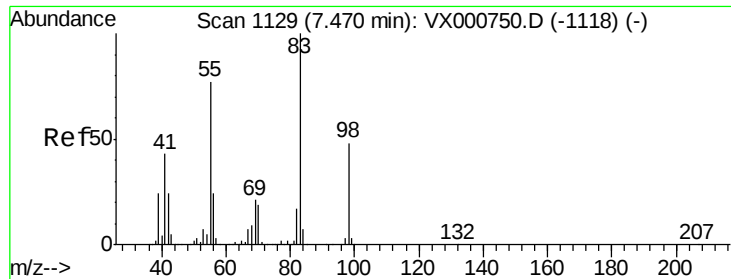
MMDadoda
4/12/2018 10:51:24 AM



#38
Carbon Tetrachloride
Concen: 51.26 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion:	117	Resp:	262872
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.4	117.6
121	30.4	25.4	38.0





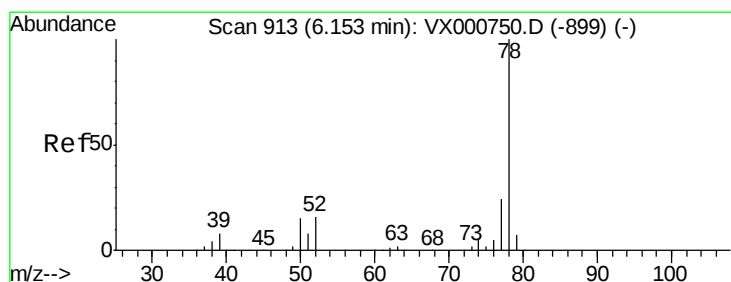
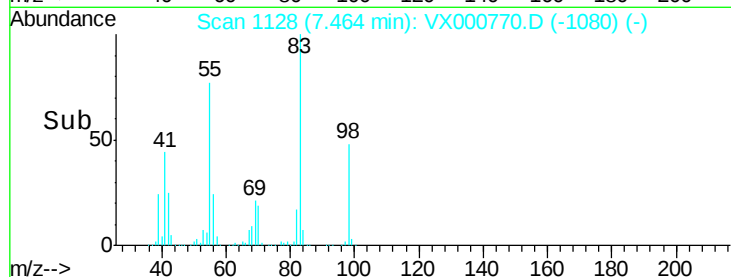
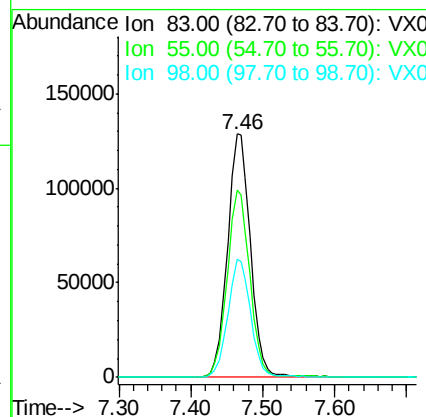
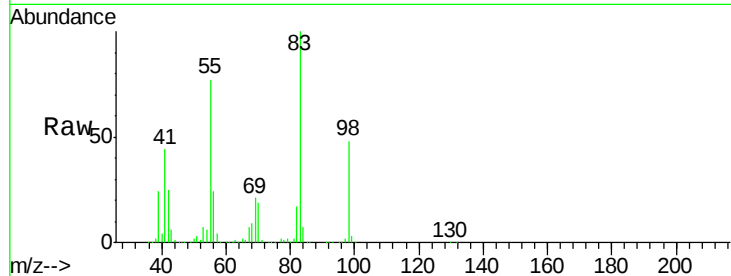
#39
Methvlcvclohexane
Concen: 52.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	287395		
55	76.7		61.5	92.3
98	48.5		38.1	57.1

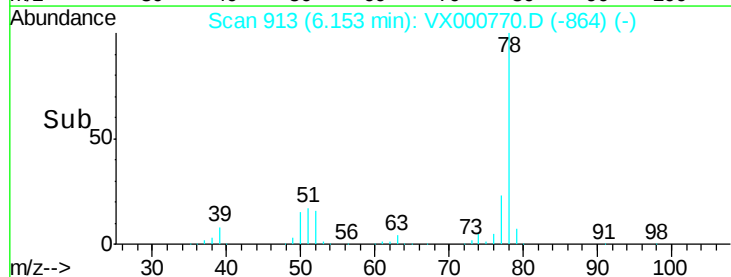
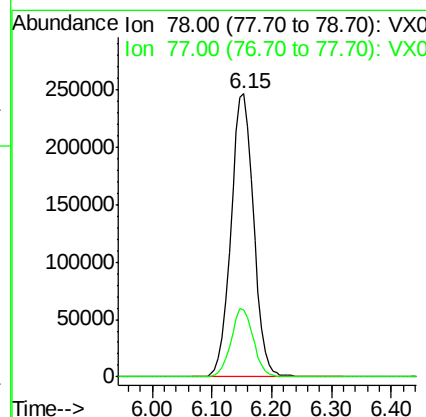
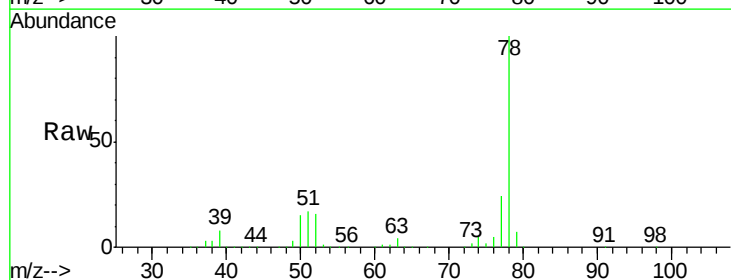
Manual Integrations
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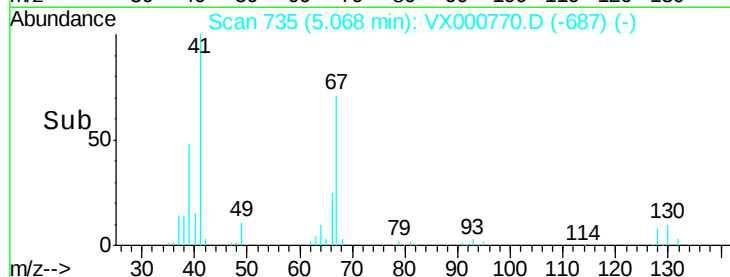
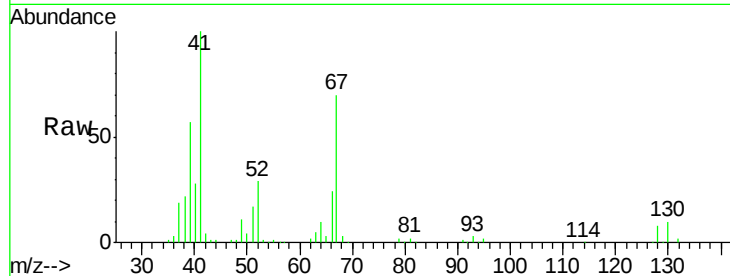
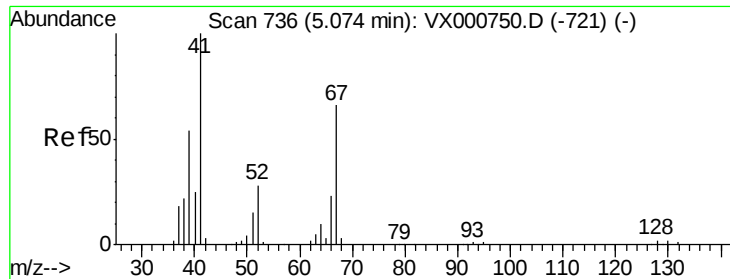
MMDadoda
4/12/2018 10:51:24 AM



#40
Benzene
Concen: 51.16 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

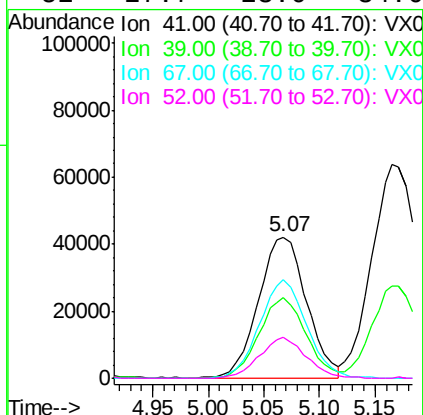
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	651204		
77	23.8		19.0	28.6





#41
Methacrylonitrile
Concen: 48.65 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

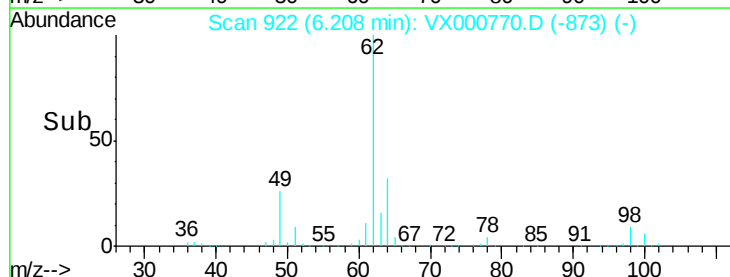
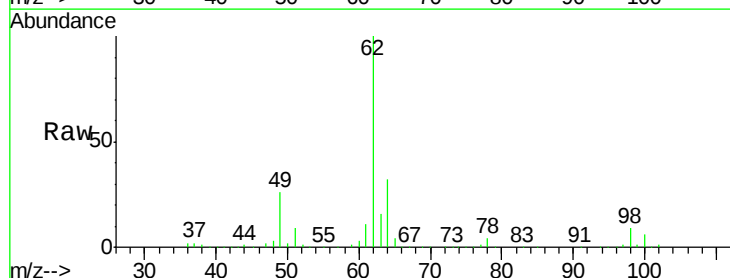
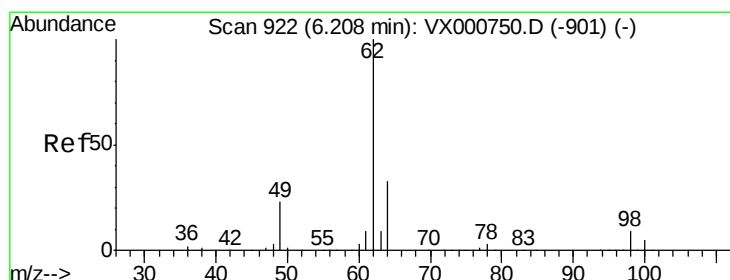
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.8	44.9	67.3		
67	68.5	54.7	82.1		
52	27.7	23.0	34.6		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

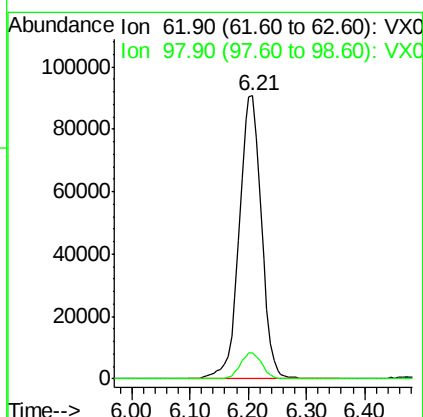
Manual Integrations
APPROVED

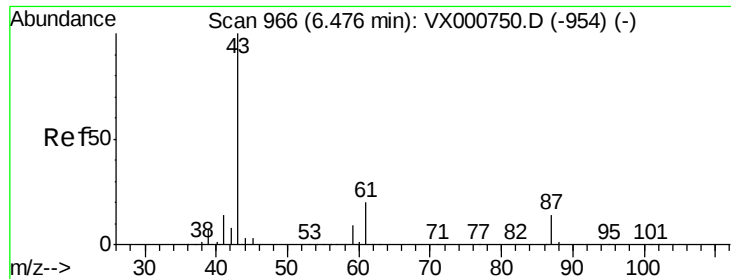
MMDadoda
4/12/2018 10:51:24 AM



#42
1,2-Dichloroethane
Concen: 50.32 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	18.6		





#43

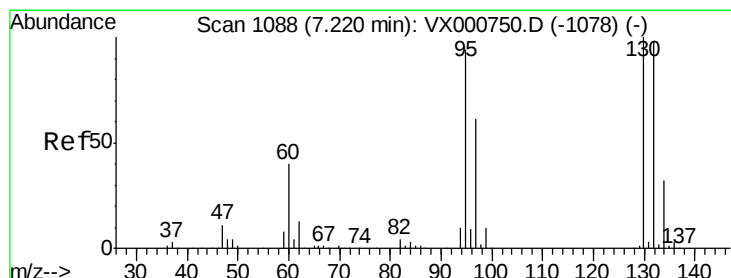
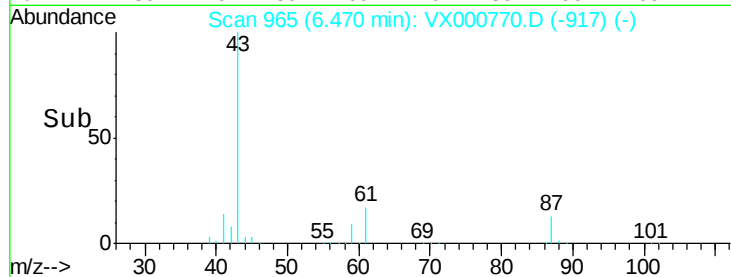
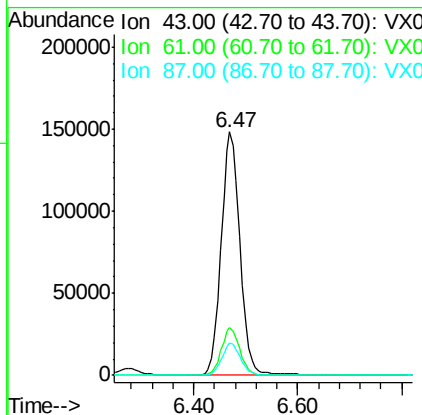
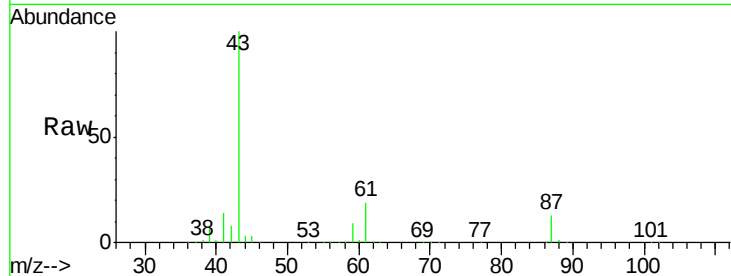
Isopropyl Acetate
 Concen: 49.07 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.6	23.4
87	13.2	10.7	16.1

Manual Integrations
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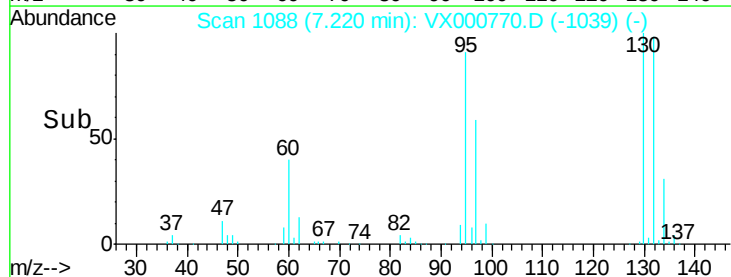
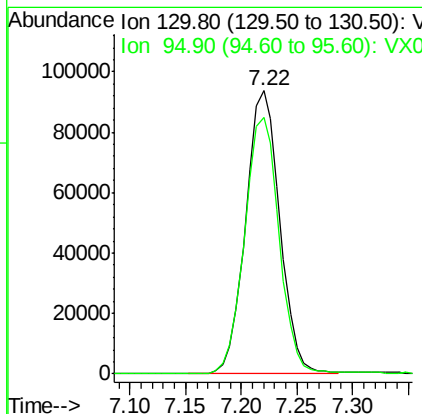
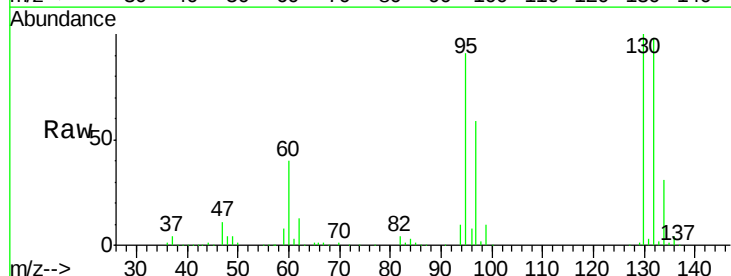
MMDadoda
 4/12/2018 10:51:24 AM

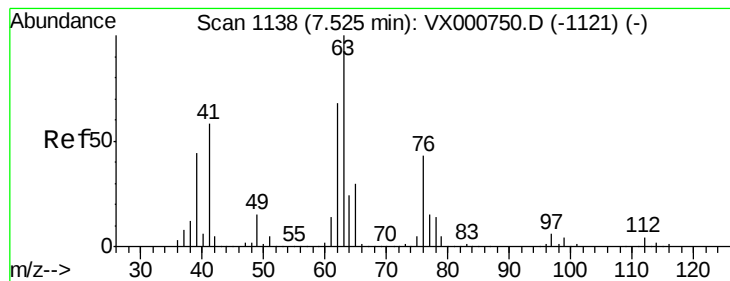


#44

Trichloroethene
 Concen: 50.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.29 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 166258

Ion Ratio Lower Upper

63 100

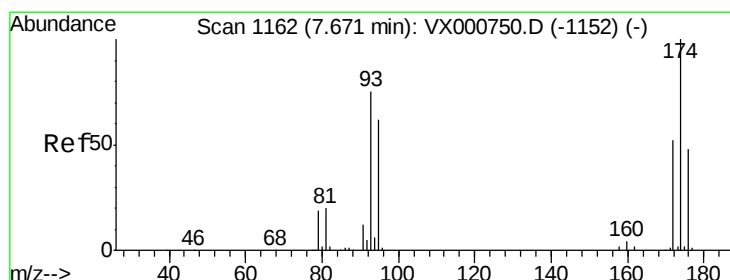
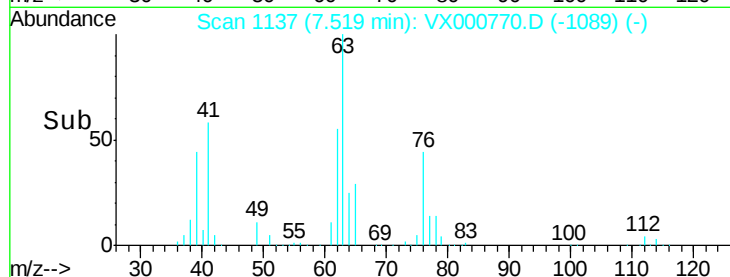
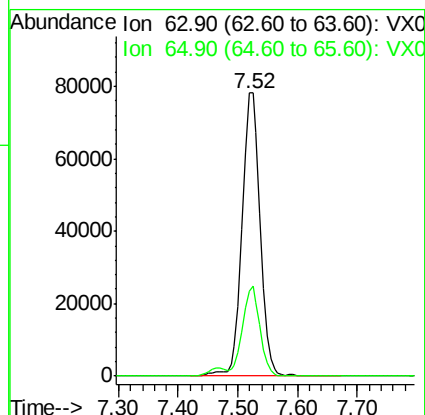
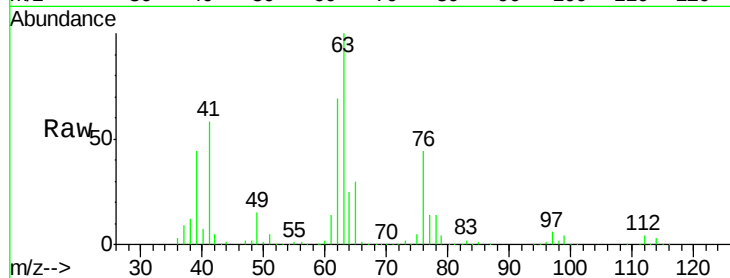
65 30.2 23.7 35.5

Manual Integrations

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MMDadoda

4/12/2018 10:51:24 AM



#46

Dibromomethane

Concen: 50.63 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

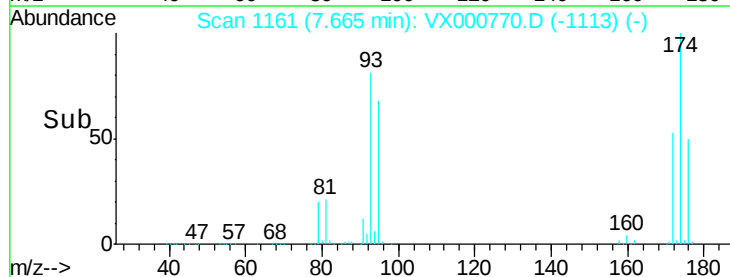
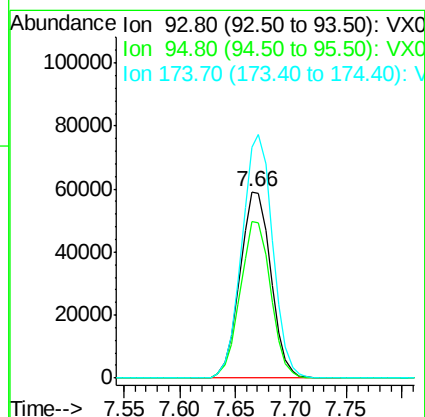
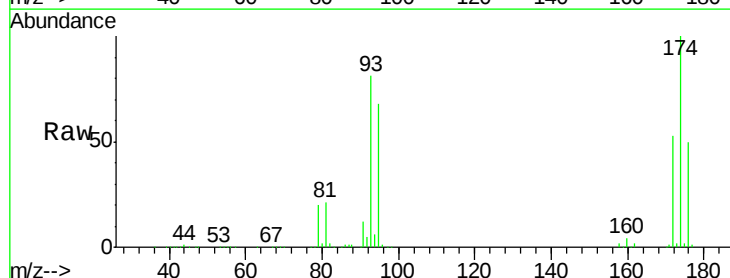
Tgt Ion: 93 Resp: 114425

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 129.7 104.5 156.7





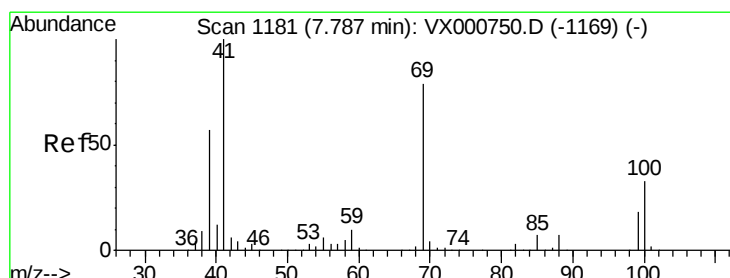
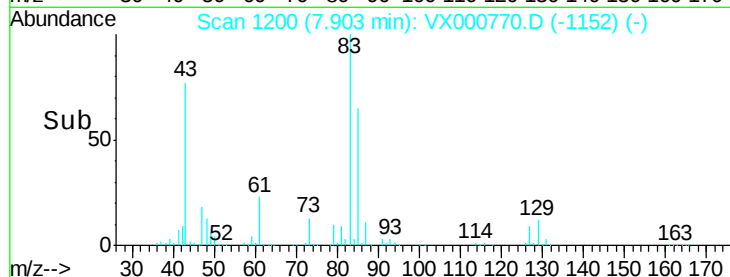
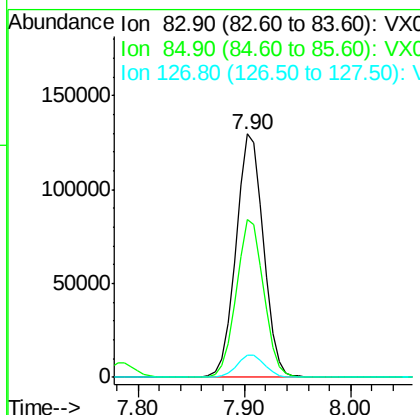
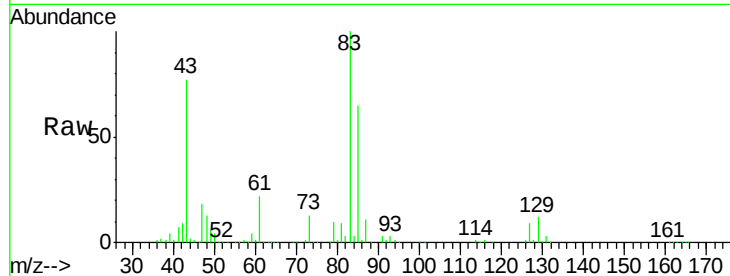
#47
Bromodichloromethane
Concen: 51.64 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.6	52.2	78.4	
127	9.2	7.8	11.8	

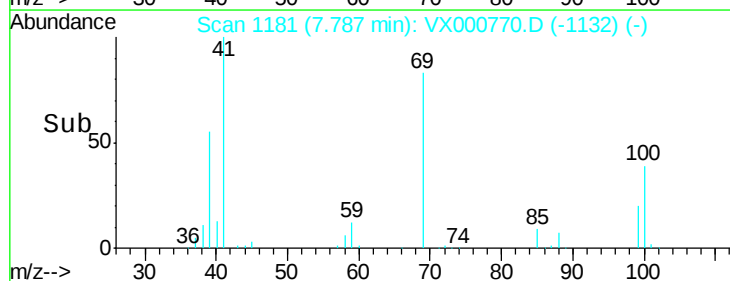
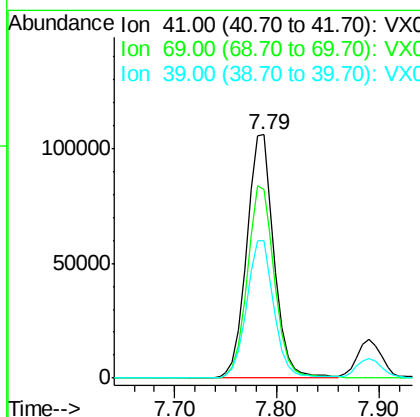
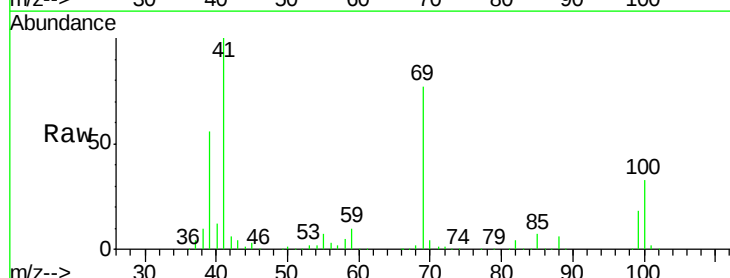
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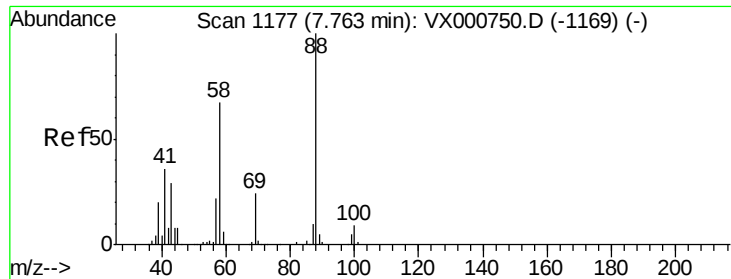
MMDadoda
4/12/2018 10:51:24 AM



#48
Methyl methacrylate
Concen: 49.65 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	78.9	63.9	95.9	
39	56.5	45.9	68.9	





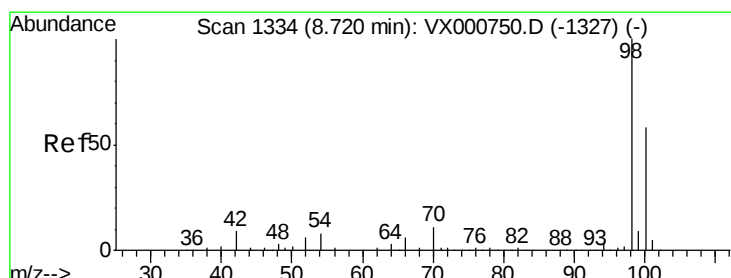
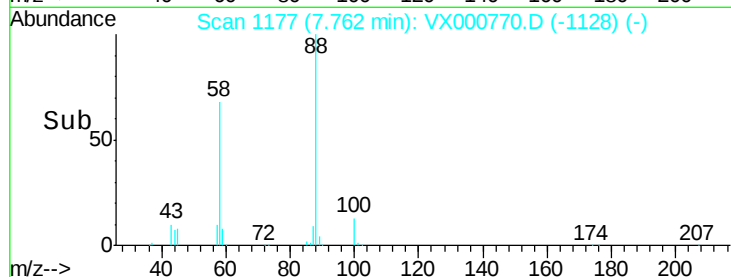
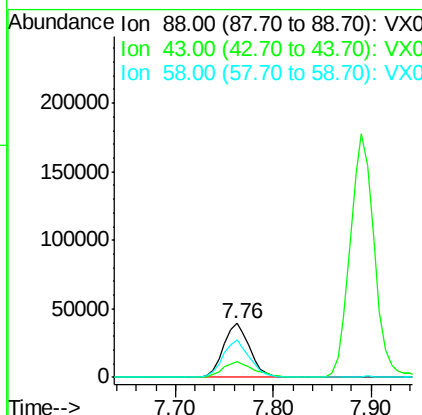
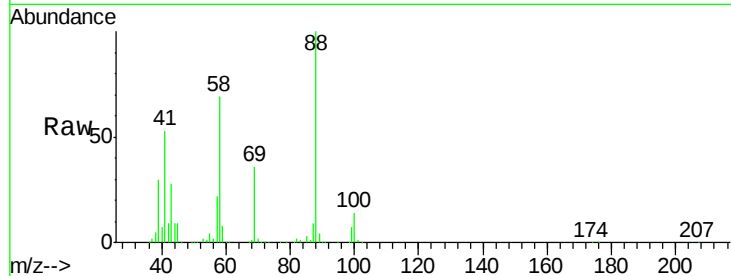
#49
1,4-Dioxane
Concen: 914.87 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	73076
Ion Ratio	100	Lower	Upper
88	100		
43	33.2	25.8	38.8
58	70.0	54.4	81.6

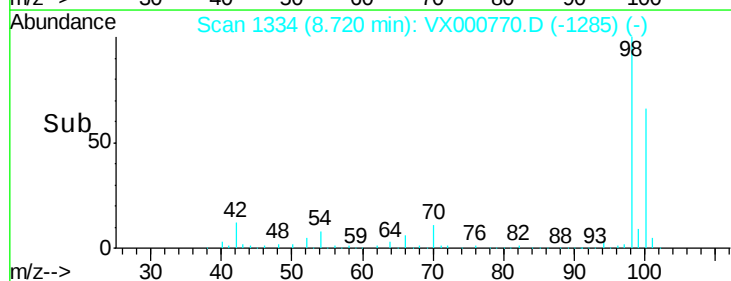
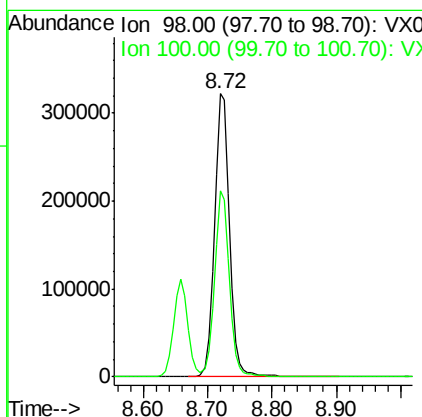
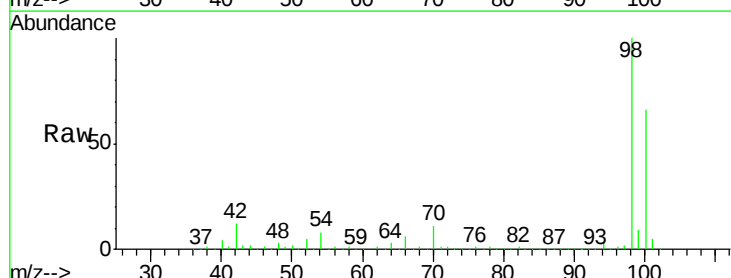
Manual Integrations
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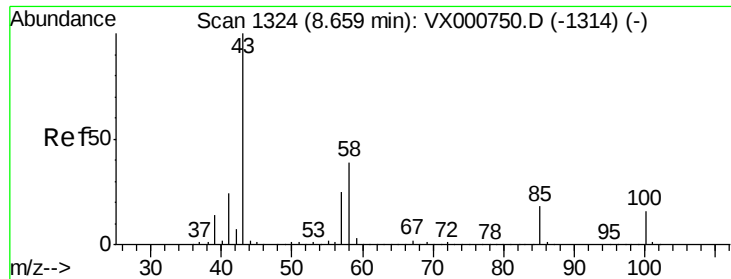
MMDadoda
4/12/2018 10:51:24 AM



#50
Toluene-d8
Concen: 44.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	98	Resp	527807
Ion Ratio	100	Lower	Upper
98	100		
100	65.2	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 242.37 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1091713

Ion Ratio Lower Upper

43 100

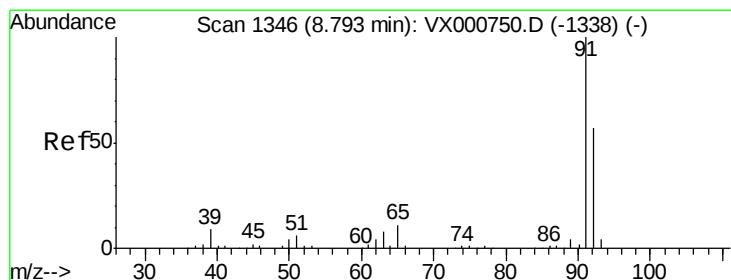
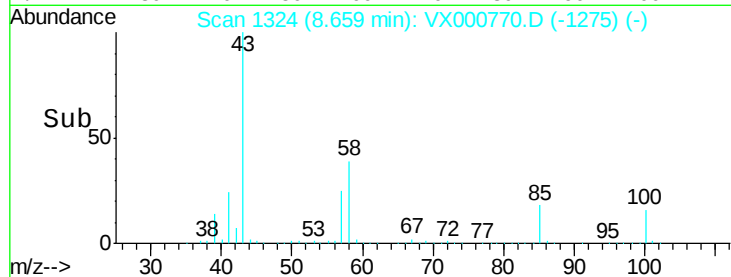
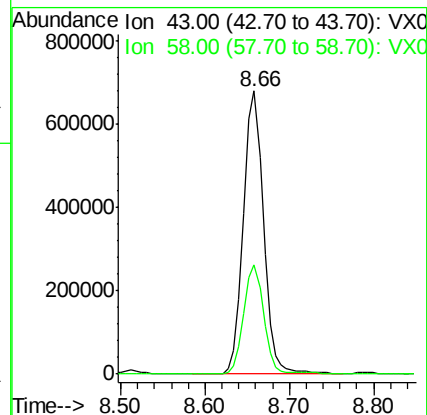
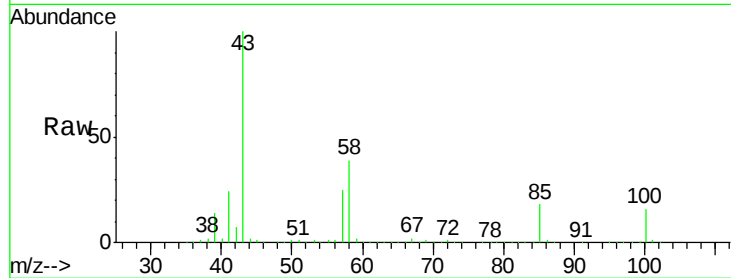
58 38.0 30.3 45.5

Manual Integrations

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MMDadoda

4/12/2018 10:51:24 AM



#52

Toluene

Concen: 51.02 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000770.D

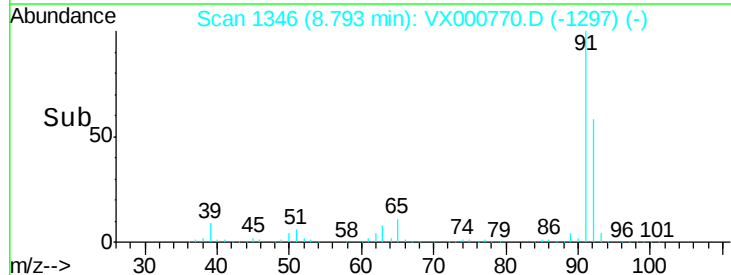
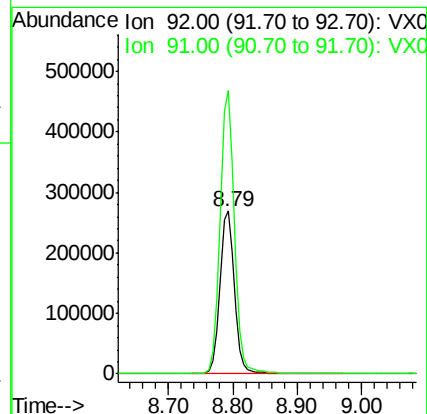
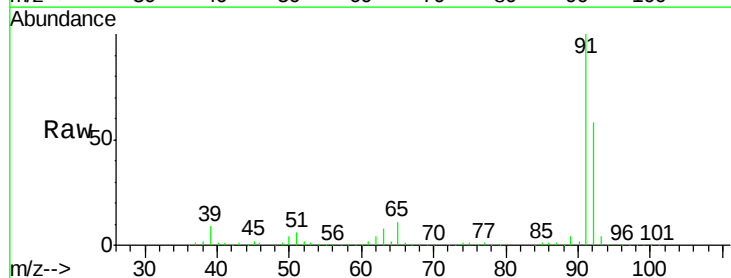
Acq: 11 Apr 2018 11:15

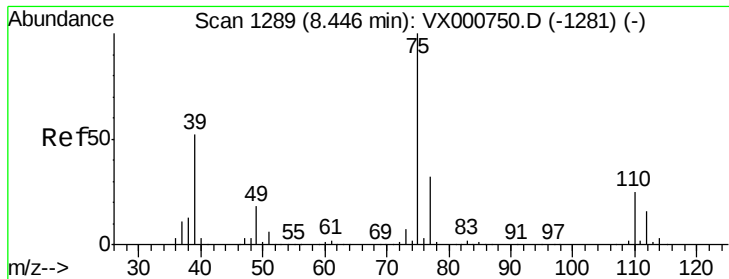
Tgt Ion: 92 Resp: 430907

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.4





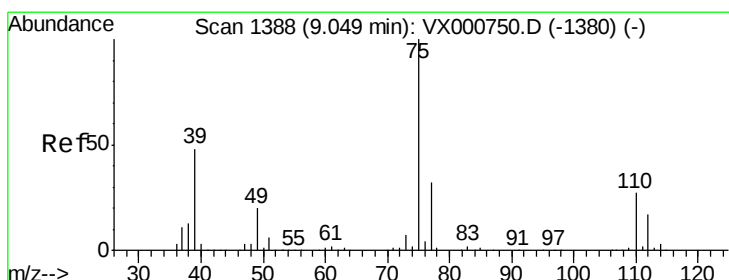
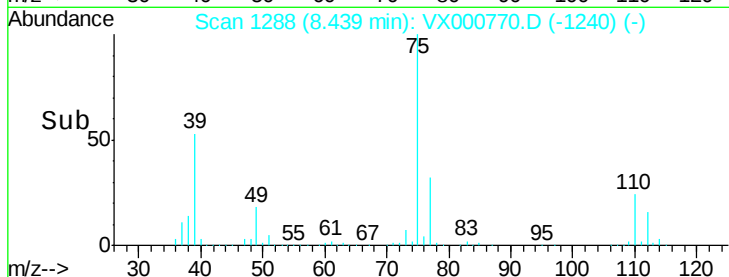
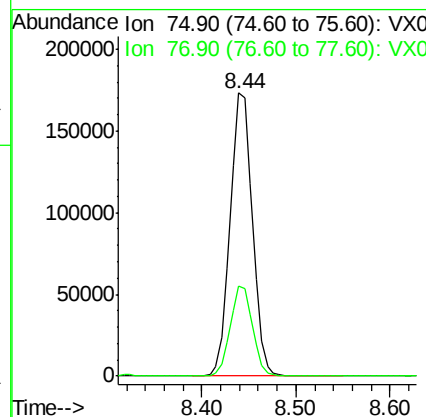
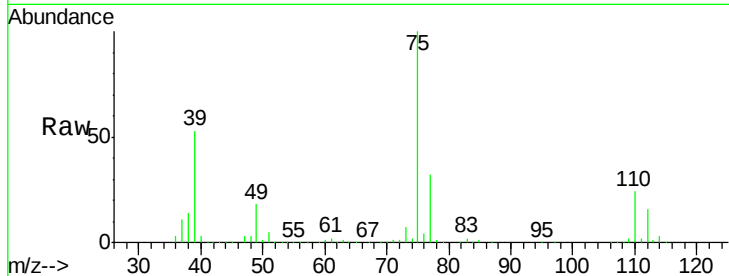
#53
t-1,3-Dichloropropene
Concen: 52.08 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 284919
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

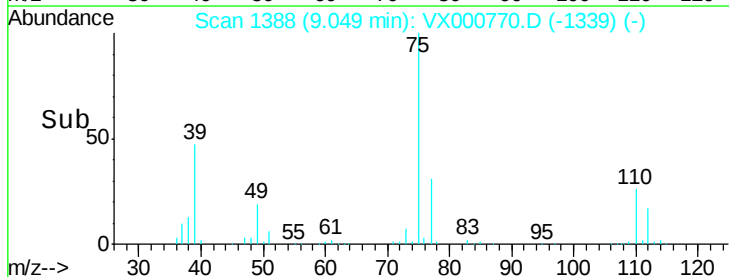
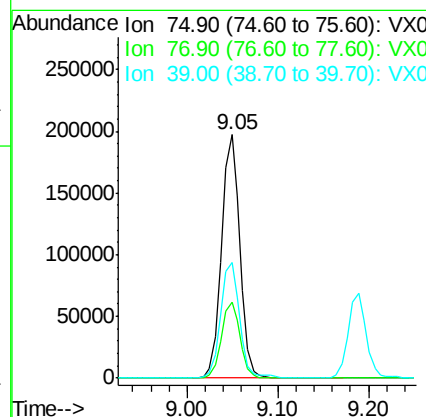
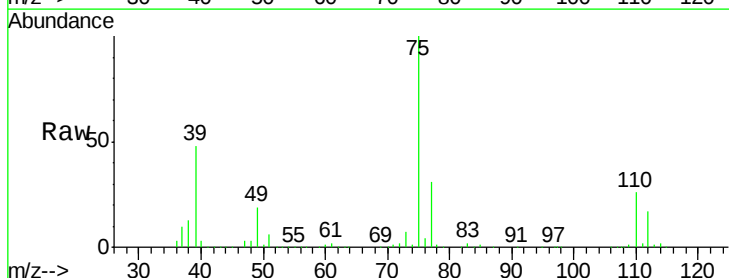
Manual Integrations
APPROVED

MMDadoda
4/12/2018 10:51:24 AM



#54
cis-1,3-Dichloropropene
Concen: 51.95 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 75 Resp: 276751
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 47.4 38.6 58.0





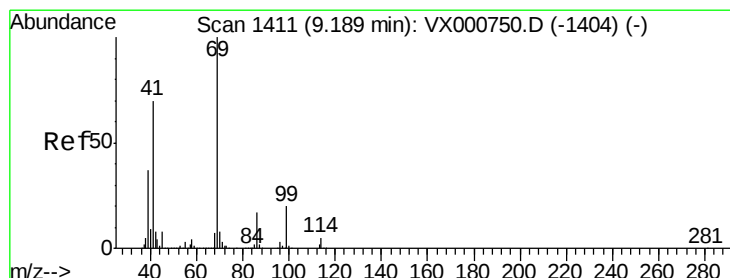
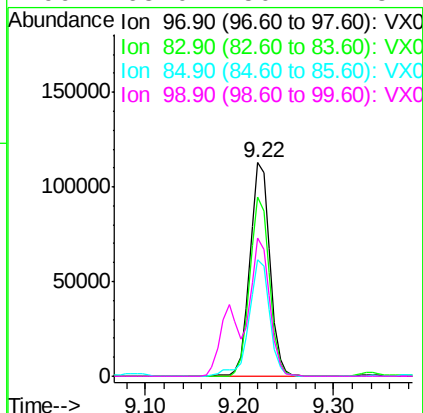
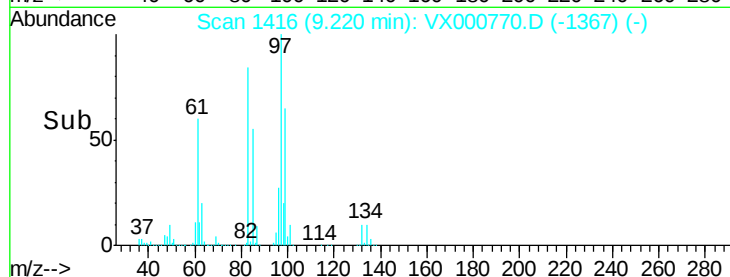
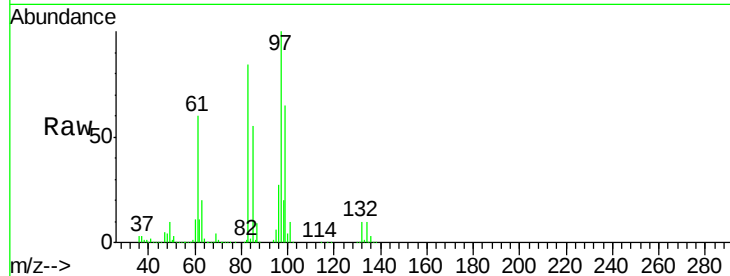
#55
 1,1,2-Trichloroethane
 Concen: 50.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		168221		
83	83.9	67.6	101.4		
85	54.7	43.8	65.6		
99	65.0	50.2	75.4		

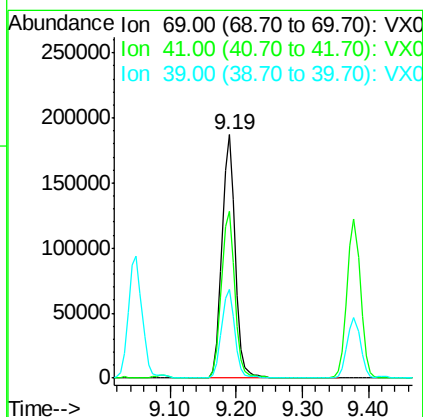
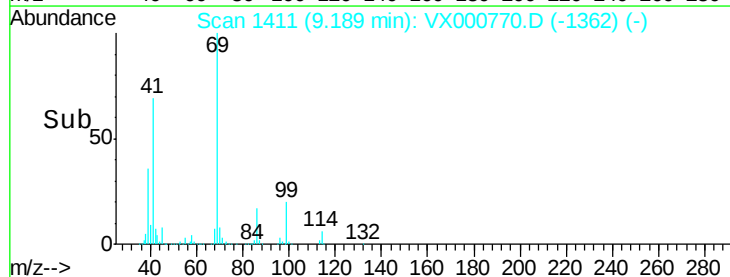
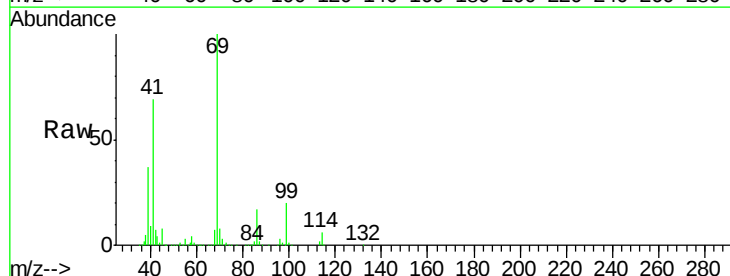
Manual Integrations
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MMDadoda
 4/12/2018 10:51:24 AM



#56
 Ethyl methacrylate
 Concen: 49.99 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		258554		
41	69.4	55.6	83.4		
39	36.9	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 51.30 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 273445

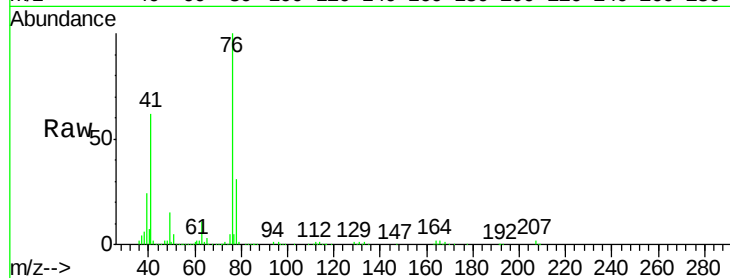
Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
4/12/2018 10:51:24 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

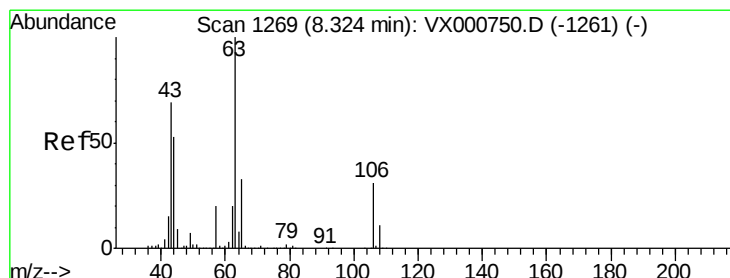
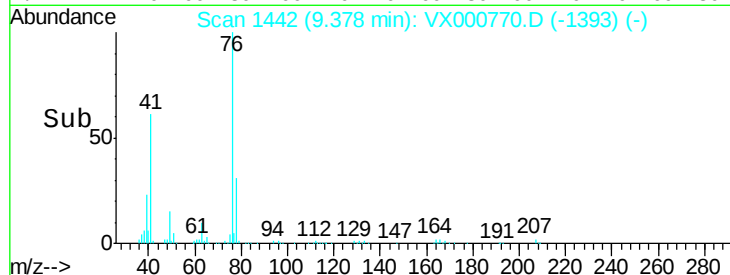
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 209.76 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000770.D

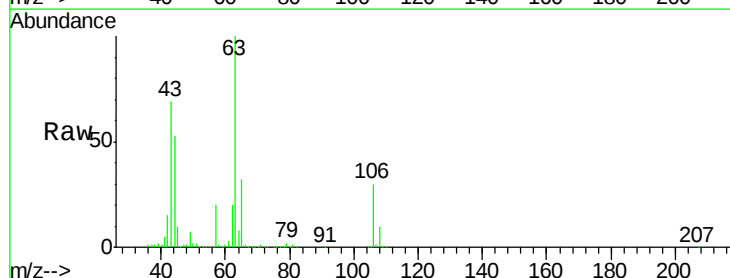
Acq: 11 Apr 2018 11:15

Tgt Ion: 63 Resp: 506868

Ion Ratio Lower Upper

63 100

106 30.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

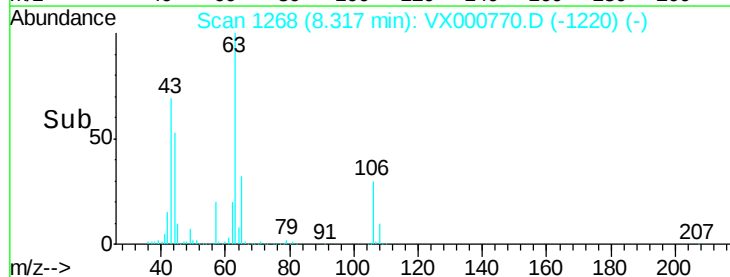
300000

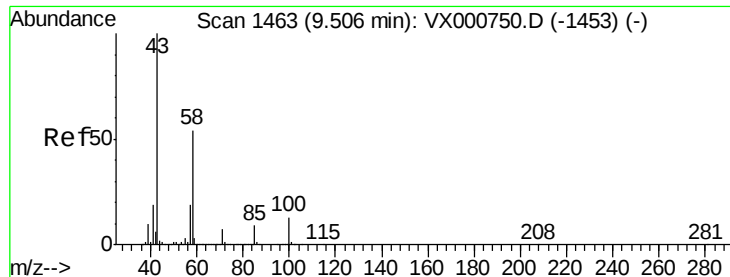
200000

100000

0

Time-->





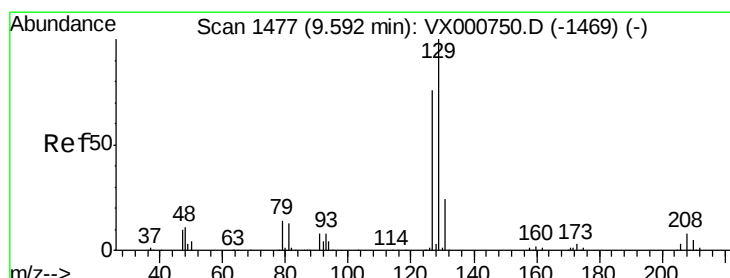
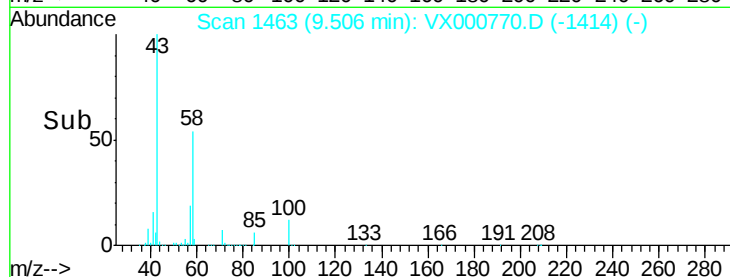
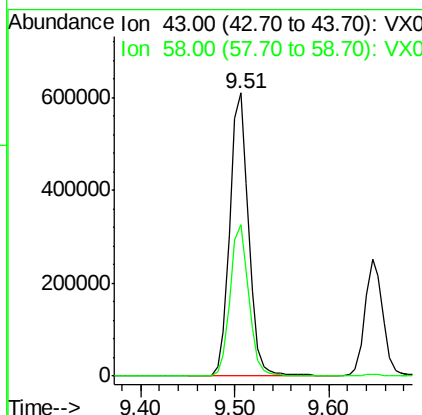
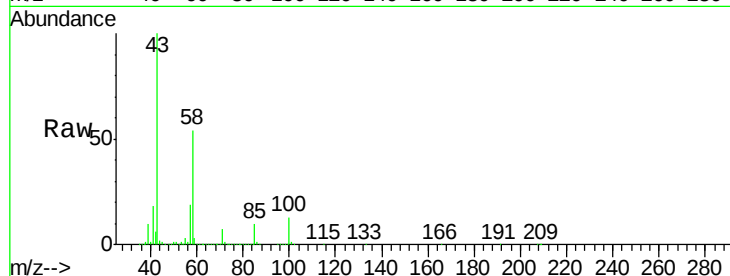
#59
2-Hexanone
Concen: 243.07 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.5	79.5

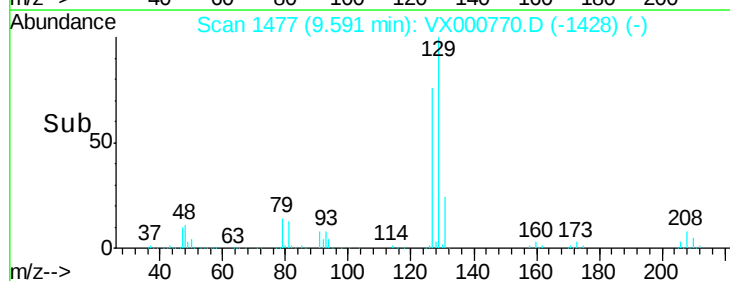
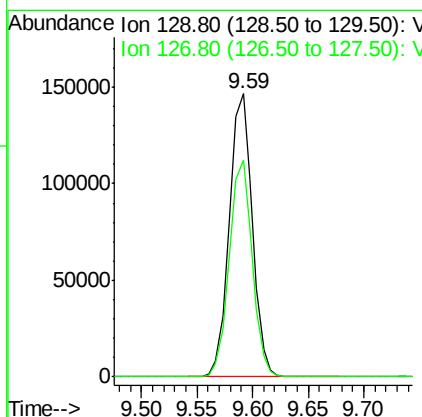
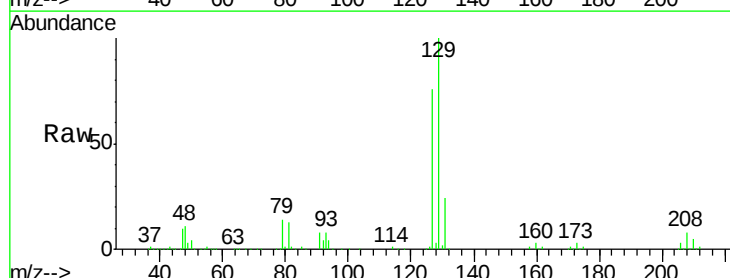
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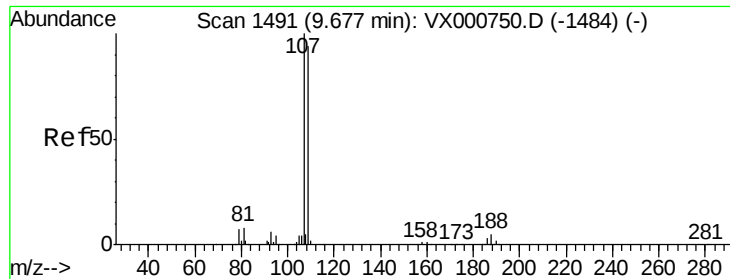
MMDadoda
4/12/2018 10:51:24 AM



#60
Dibromochloromethane
Concen: 52.31 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.4	115.1





#61

1,2-Dibromoethane

Concen: 50.53 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 179744

Ion Ratio Lower Upper

107 100

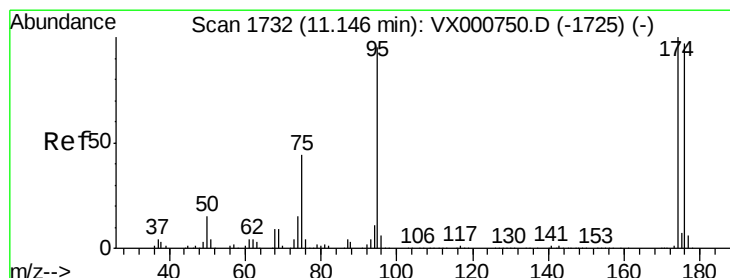
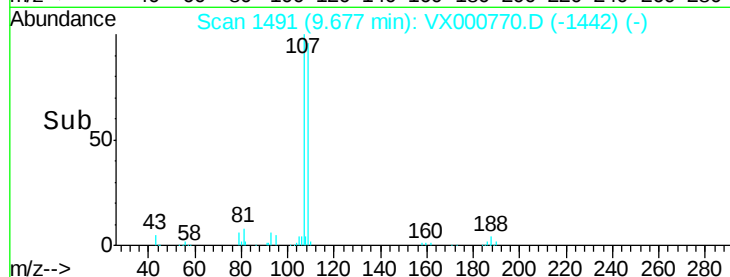
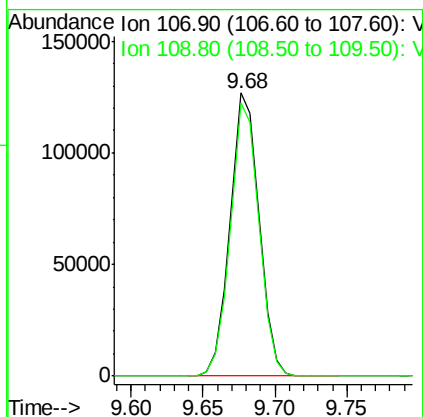
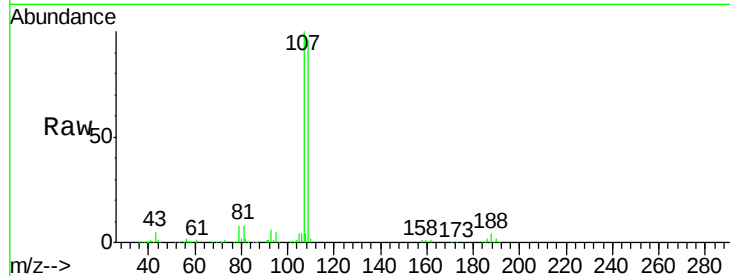
109 95.6 76.2 114.4

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MMDadoda

4/12/2018 10:51:24 AM



#62

4-Bromofluorobenzene

Concen: 43.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

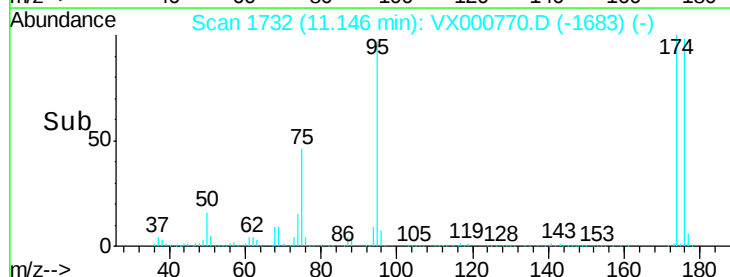
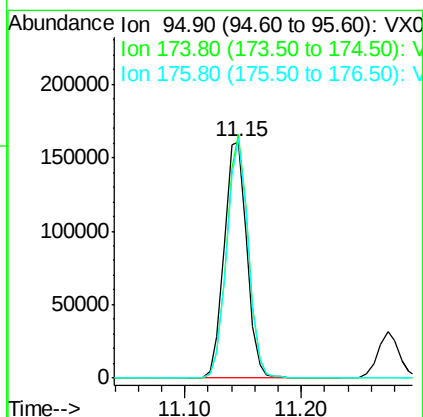
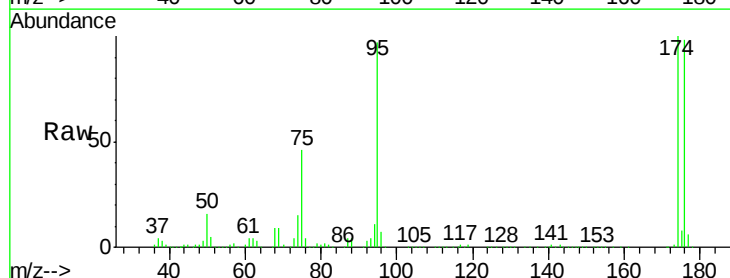
Tgt Ion: 95 Resp: 216182

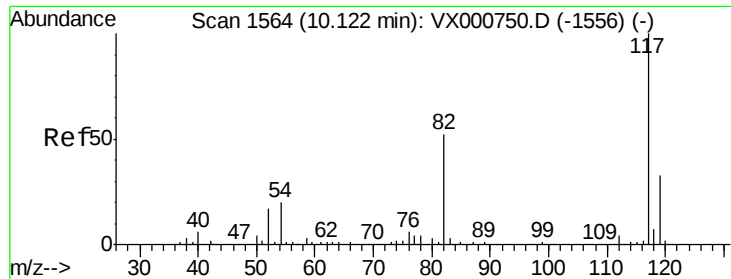
Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

176 96.4 0.0 194.4





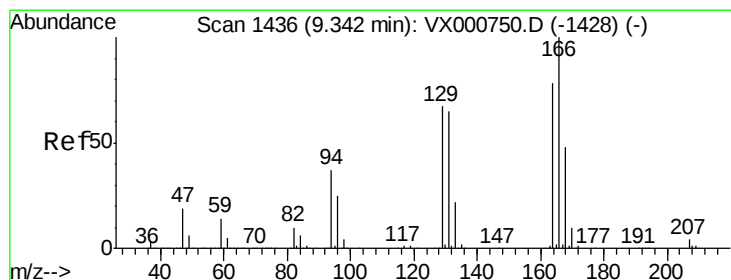
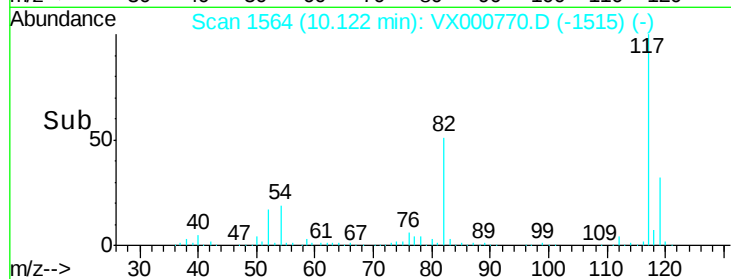
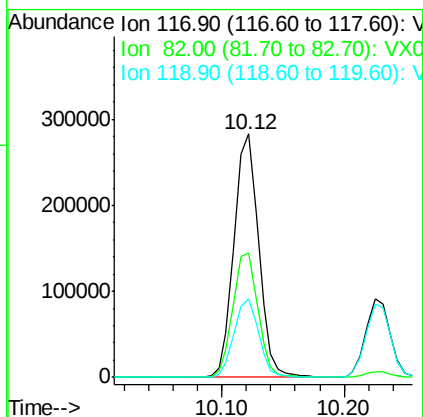
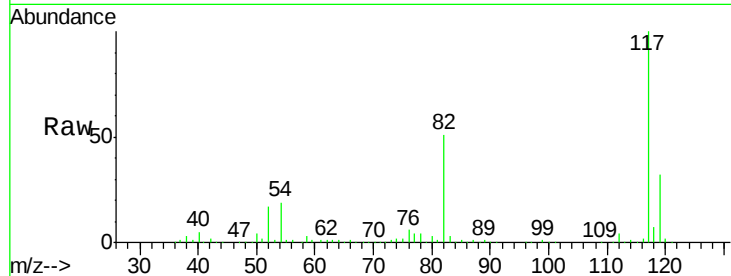
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.9	62.9
119	32.1	26.0	39.0

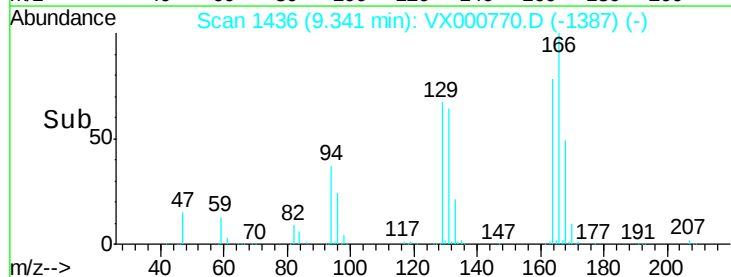
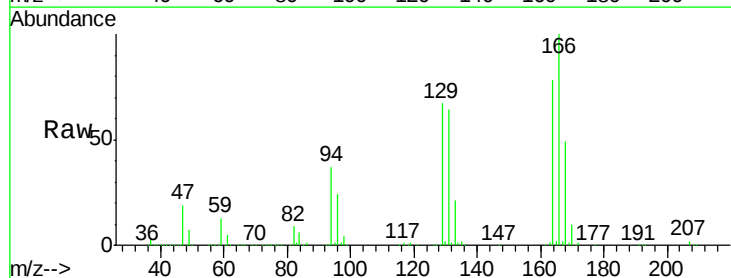
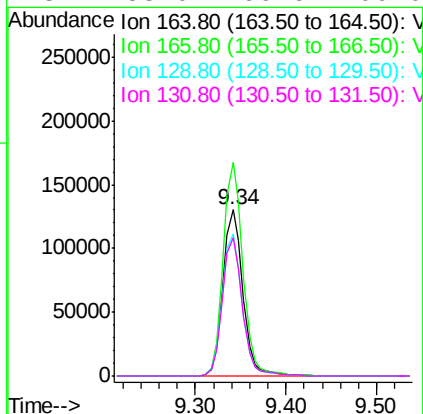
Manual Integrations
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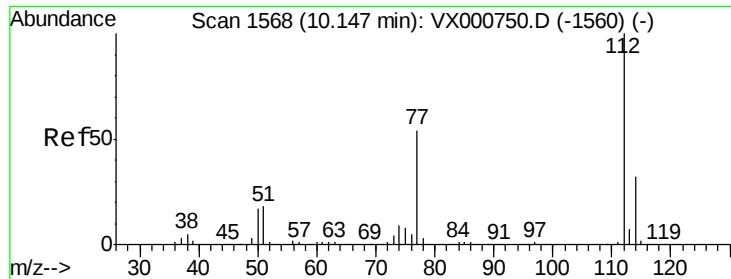
MMDadoda
4/12/2018 10:51:24 AM



#64
Tetrachloroethene
Concen: 51.80 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.8	154.2
129	85.7	68.5	102.7
131	83.0	66.6	100.0





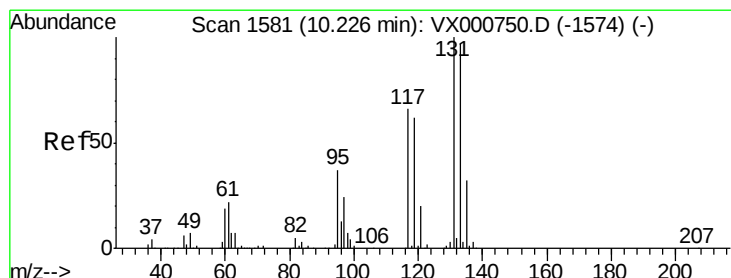
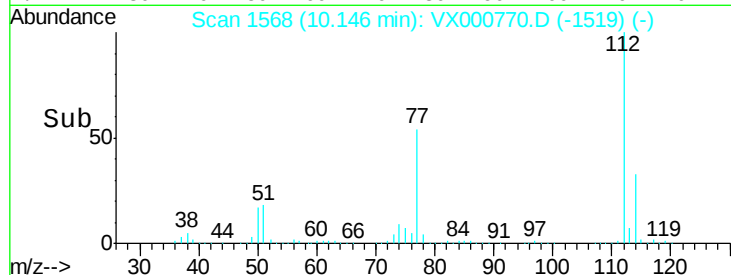
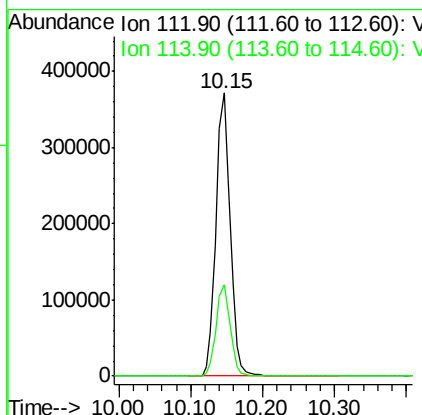
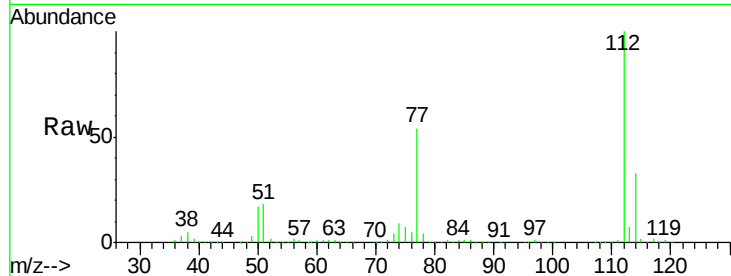
#65
Chlorobenzene
Concen: 51.17 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 508103
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

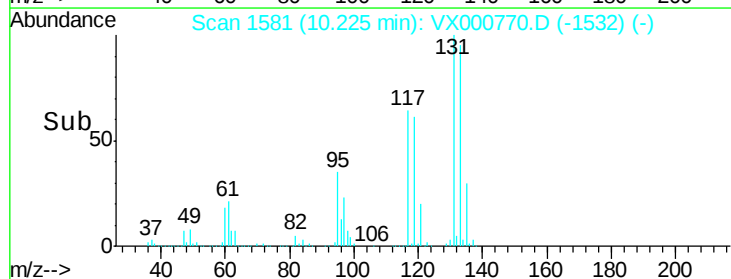
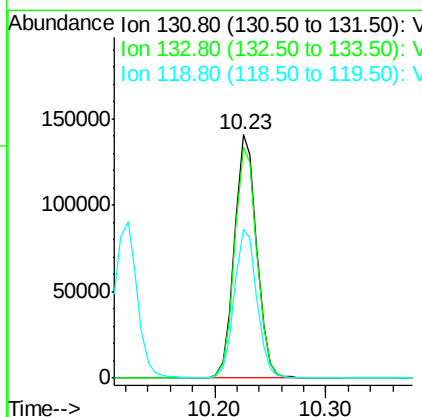
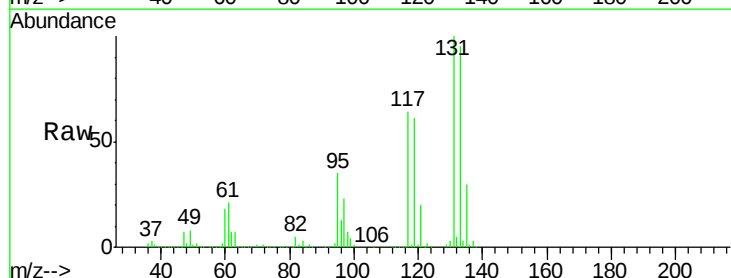
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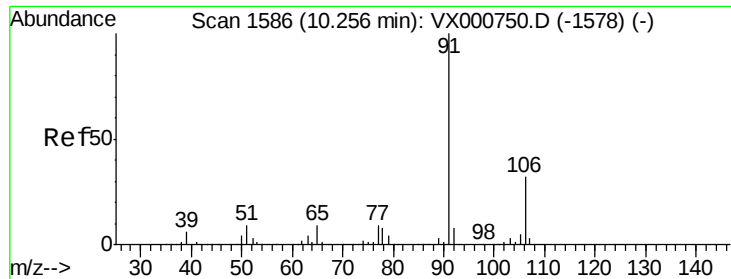
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.03 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion:131 Resp: 194457
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.9
119 62.2 31.4 94.0





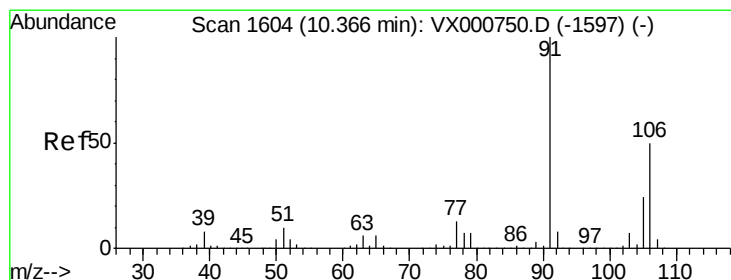
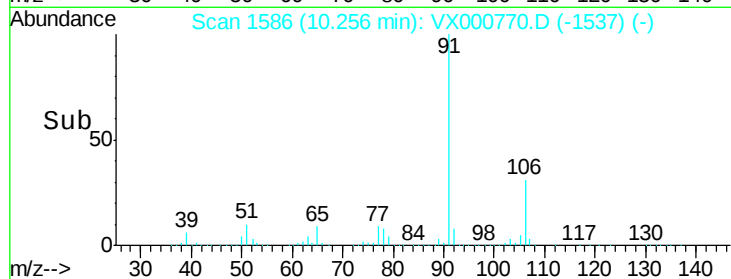
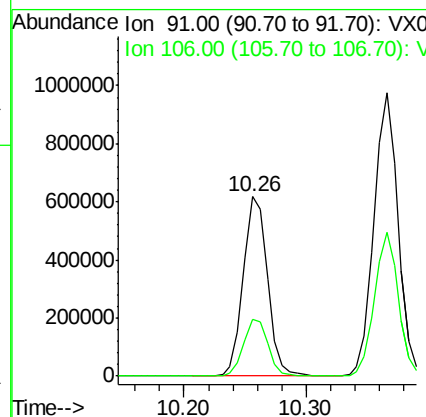
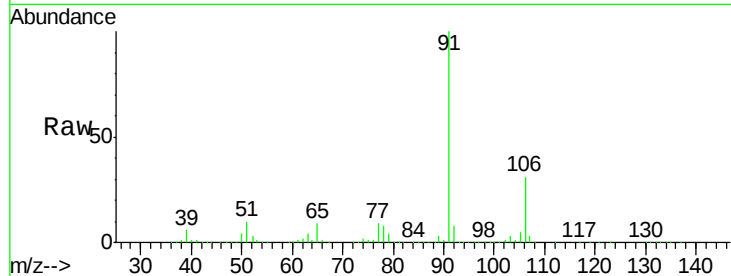
#67
Ethyl Benzene
Concen: 51.41 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 851154
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

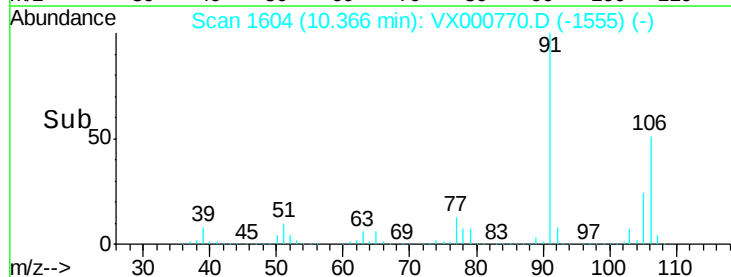
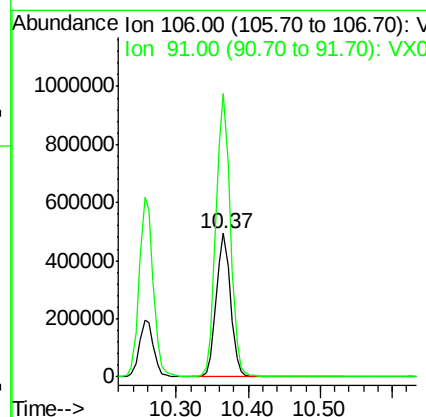
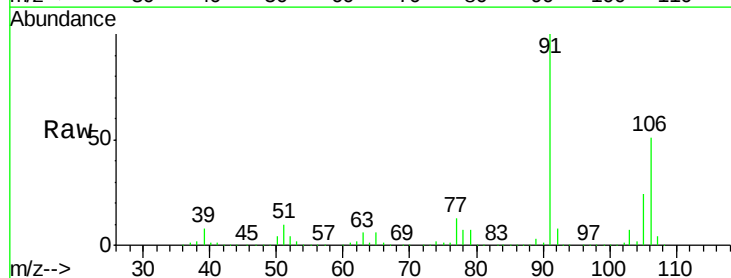
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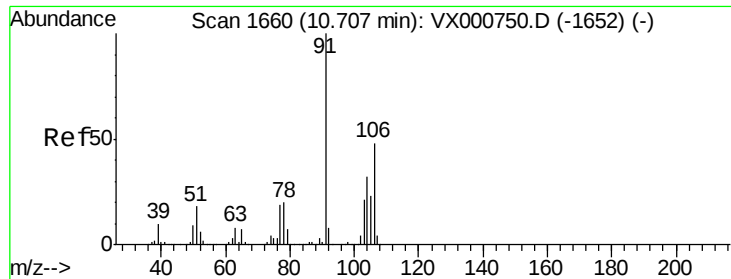
MMDadoda
4/12/2018 10:51:24 AM



#68
m/p-Xylenes
Concen: 103.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 106 Resp: 674707
Ion Ratio Lower Upper
106 100
91 199.0 159.3 238.9





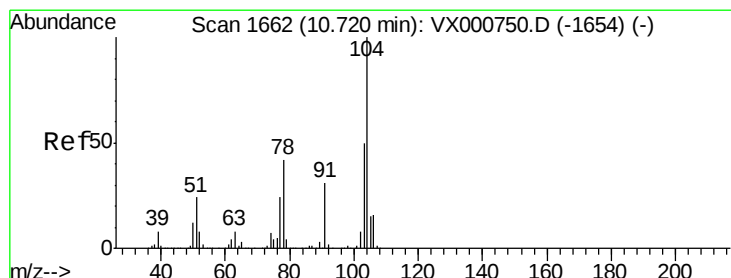
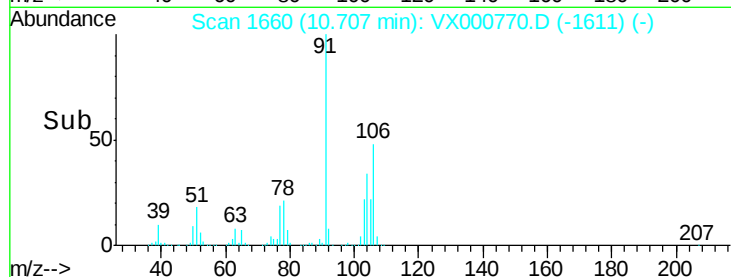
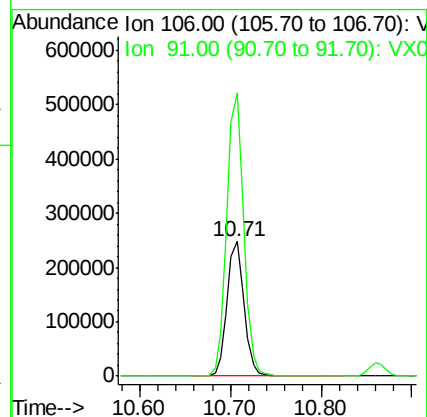
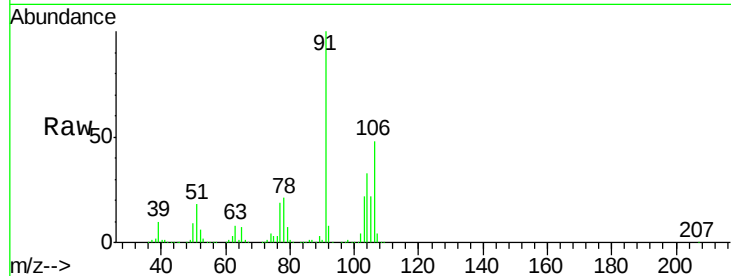
#69
o-Xylene
Concen: 51.58 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	105.0	315.0

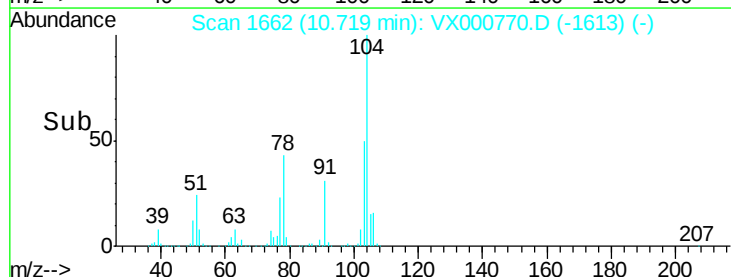
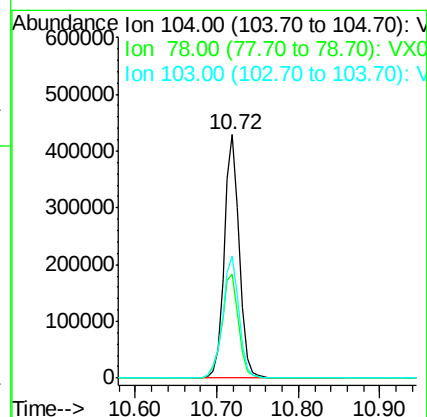
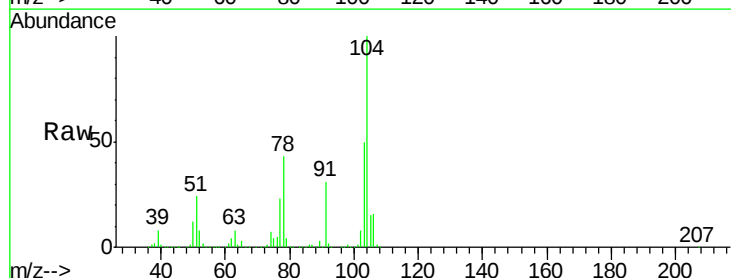
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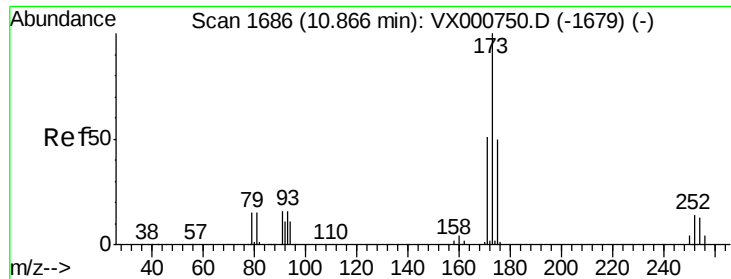
MMDadoda
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#70
Styrene
Concen: 51.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.6
103	54.9	44.1	66.1





#71

Bromoform

Concen: 52.37 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

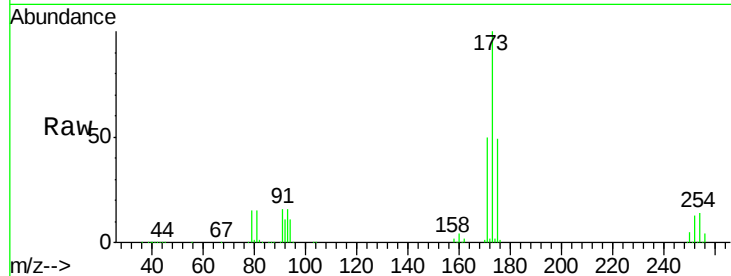
ClientSampleId :

VSTDCCC050

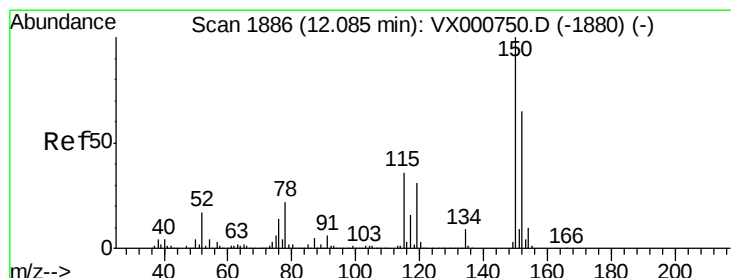
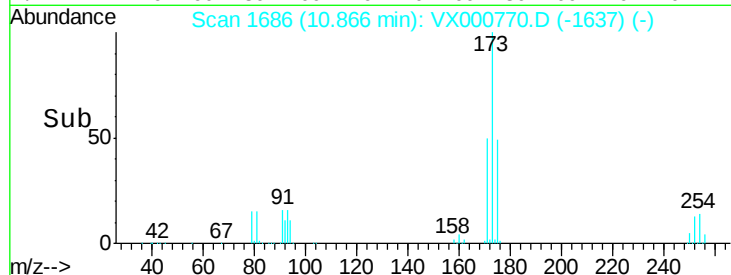
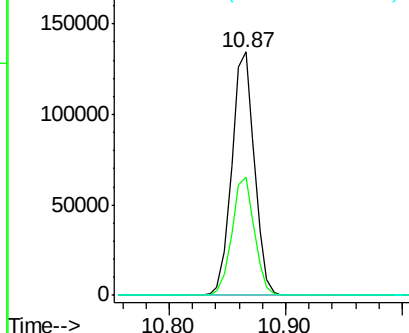
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

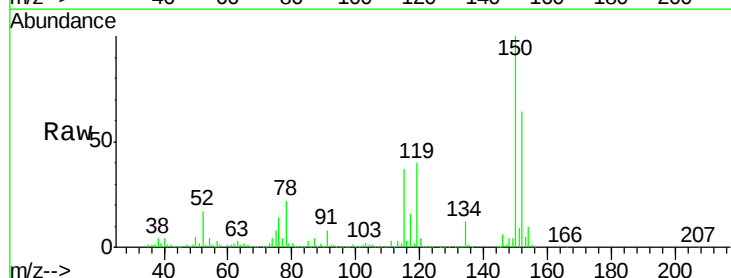
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

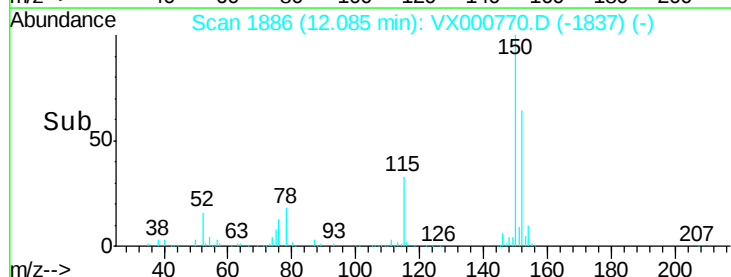
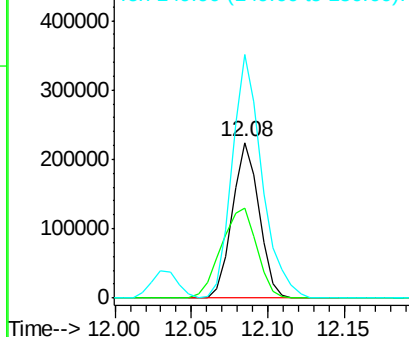
Lab File: VX000770.D

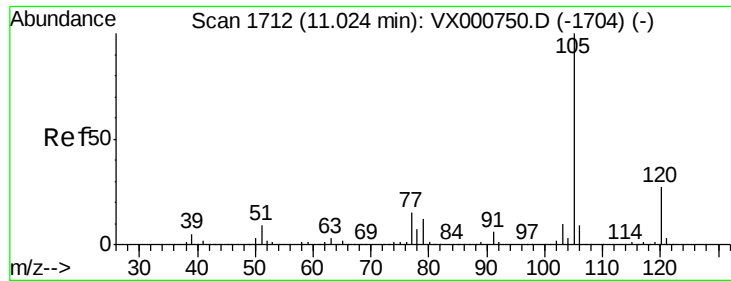
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	37.9	113.7
150	175.0	0.0	348.0



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





#73

Isopropylbenzene

Concen: 51.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 887947

Ion Ratio Lower Upper

105 100

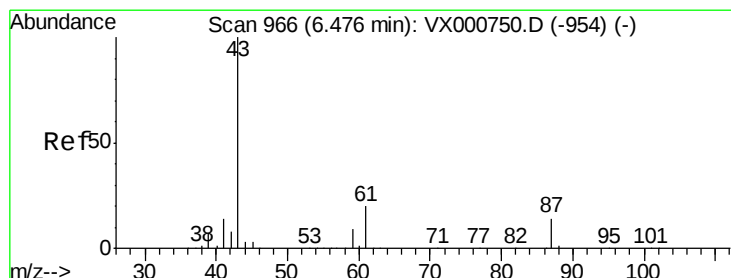
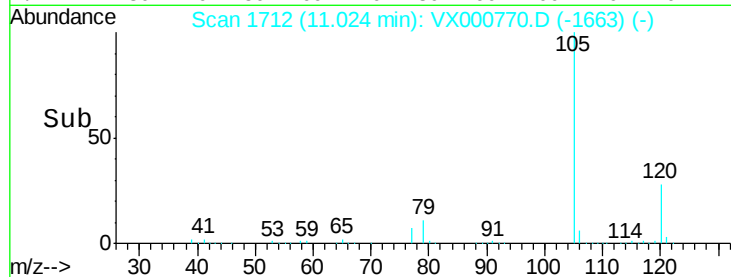
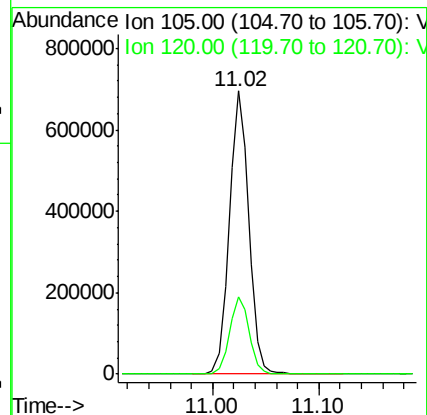
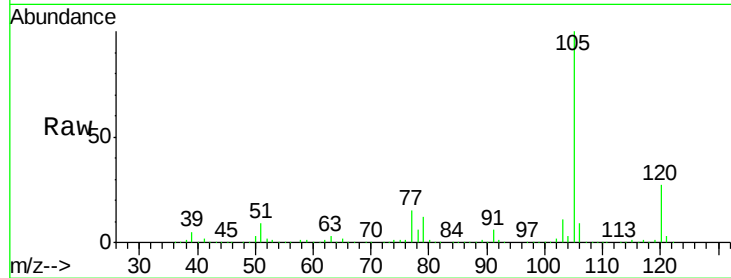
120 27.5 13.7 41.0

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#74

N-ethyl acetate

Concen: 48.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion: 43 Resp: 376244

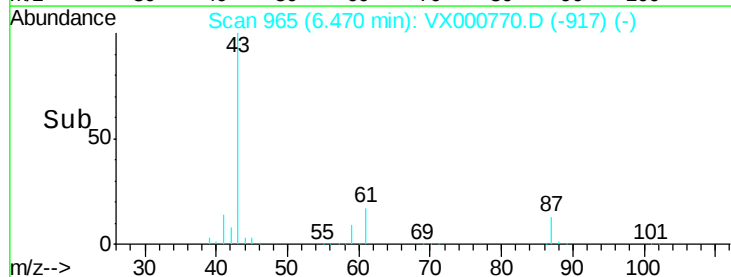
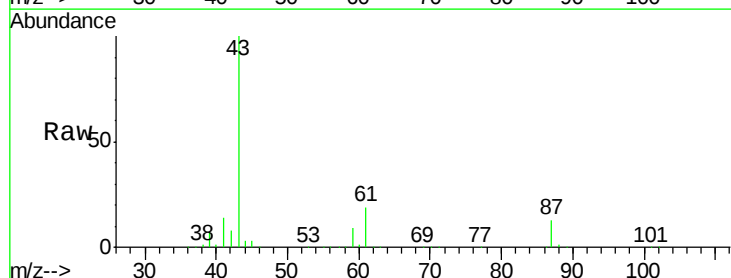
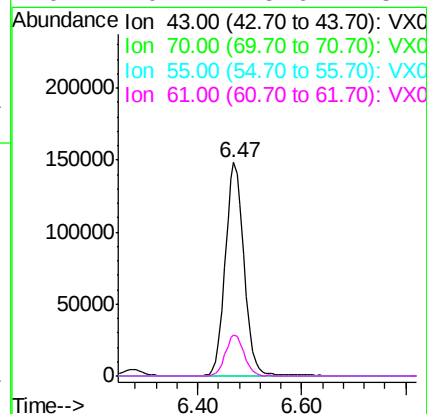
Ion Ratio Lower Upper

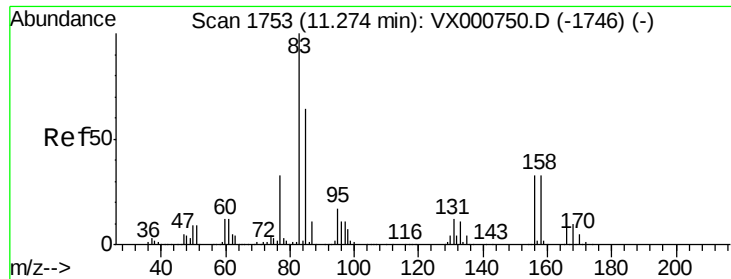
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.2 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 244522

Ion Ratio Lower Upper

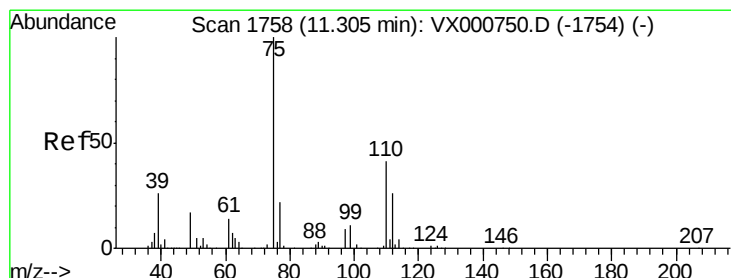
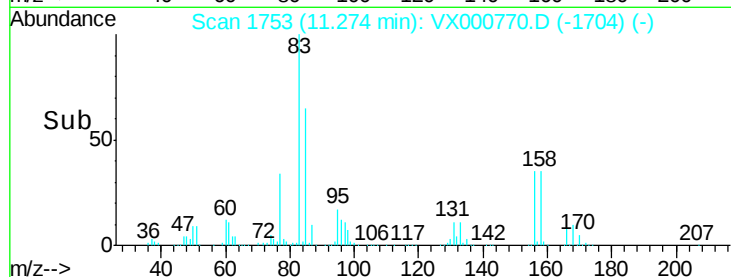
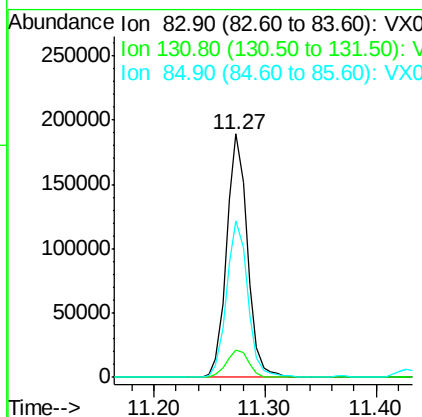
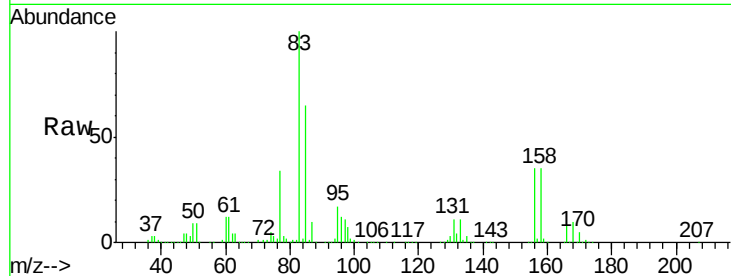
83 100

131 11.8 6.0 18.0

85 65.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 40.67 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000770.D

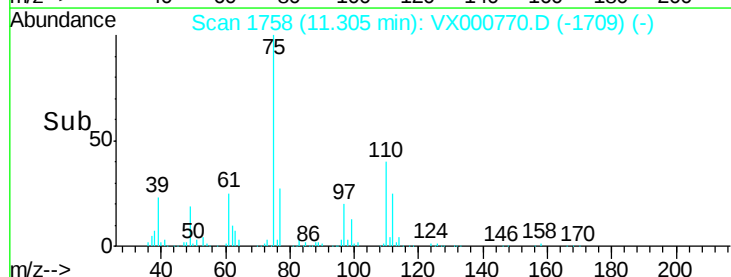
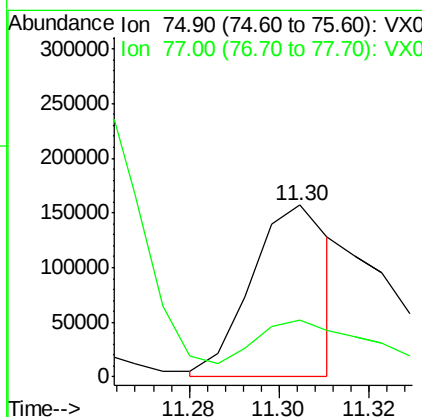
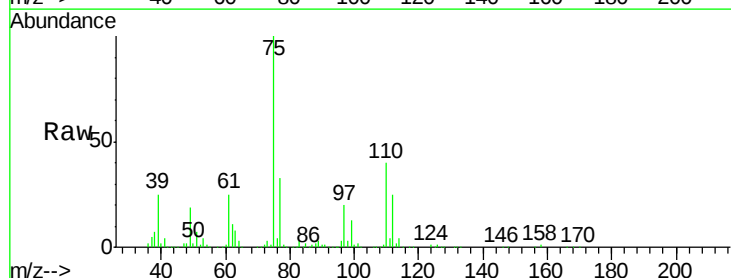
Acq: 11 Apr 2018 11:15

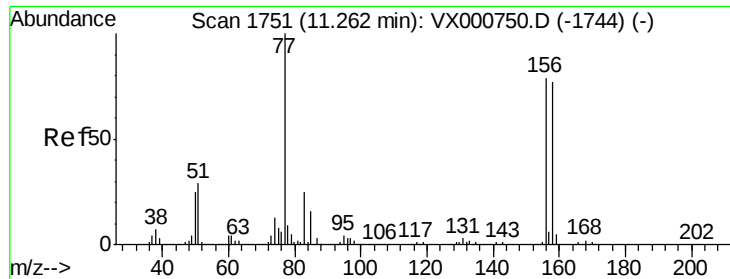
Tgt Ion: 75 Resp: 190327

Ion Ratio Lower Upper

75 100

77 50.0 20.5 61.5





#77

Bromobenzene

Concen: 50.45 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

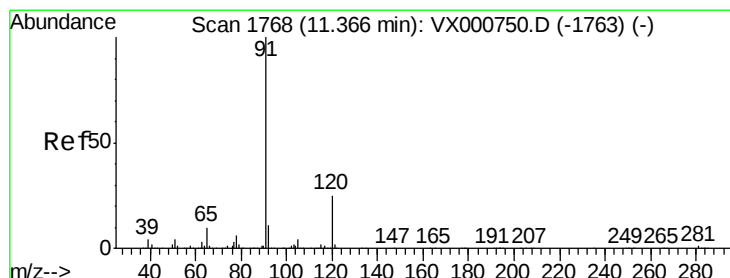
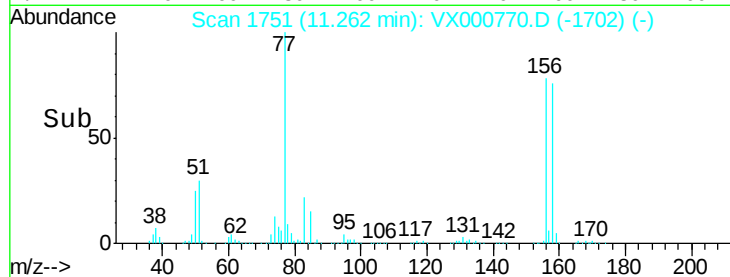
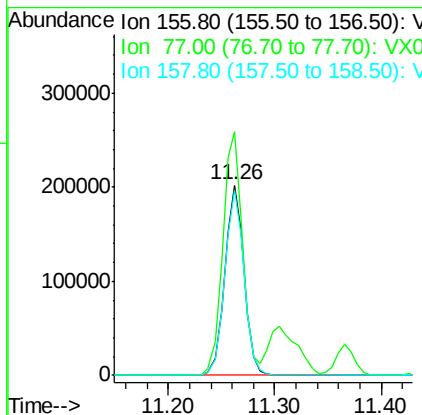
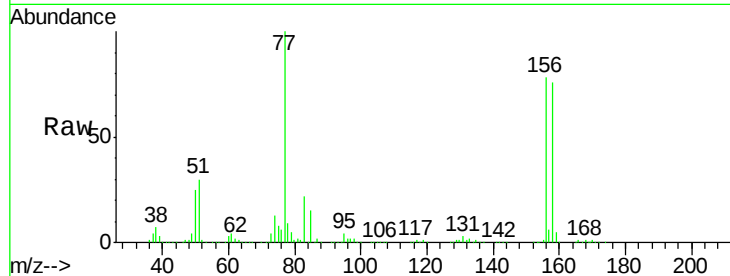
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	254516
Ion Ratio	Lower	Upper	
156	100		
77	132.0	66.0	198.2
158	97.8	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.69 ug/l

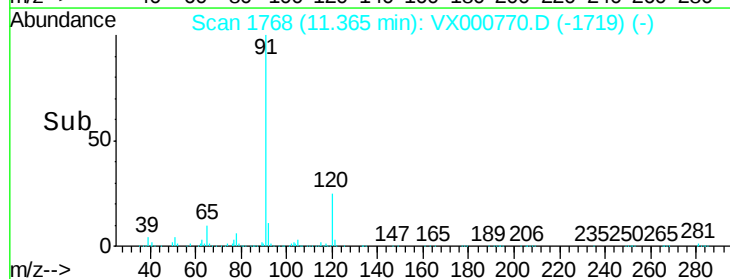
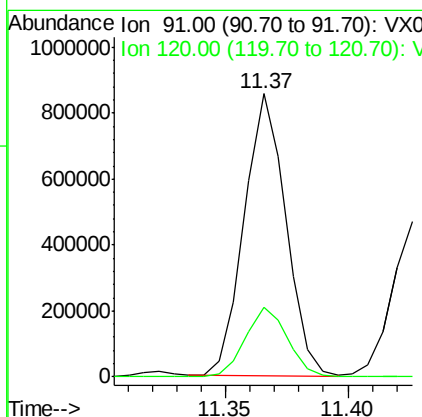
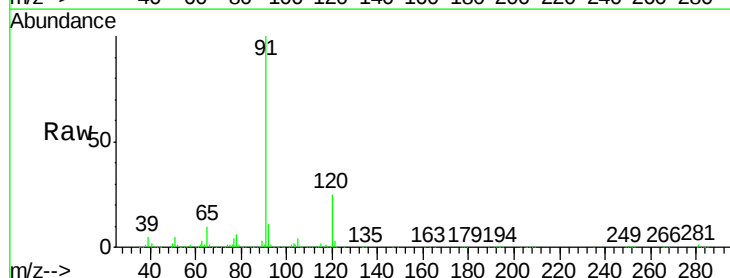
RT: 11.37 min Scan# 1768

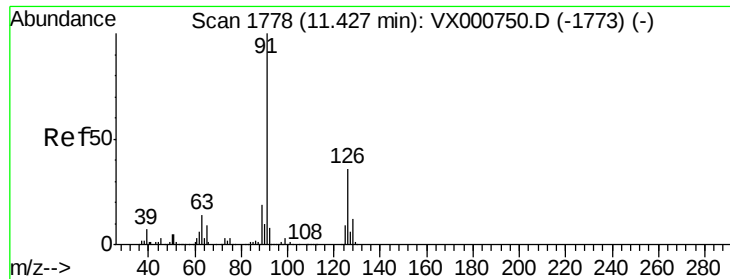
Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	91	Resp:	1017928
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.6	37.6





#79

2-Chlorotoluene

Concen: 50.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 586035

Ion Ratio Lower Upper

91 100

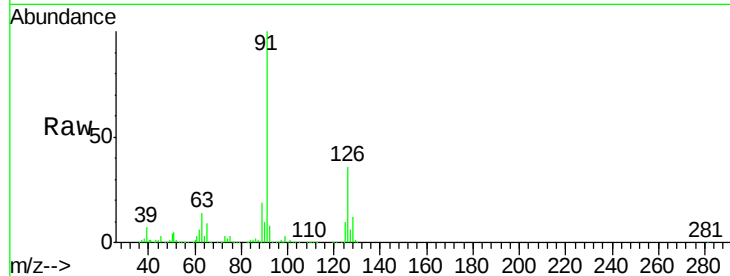
126 37.3 18.3 54.9

Manual Integrations

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4/12/2018 10:51:24 AM



Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000750.D (-1773) (-)

1000000

800000

600000

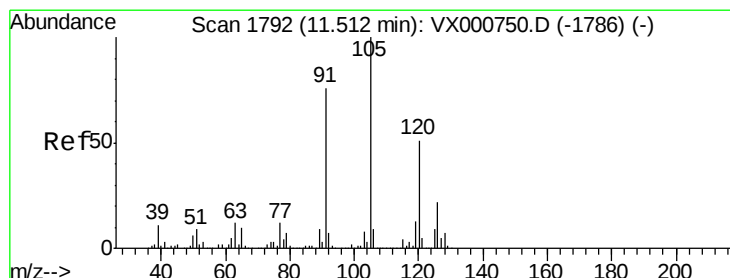
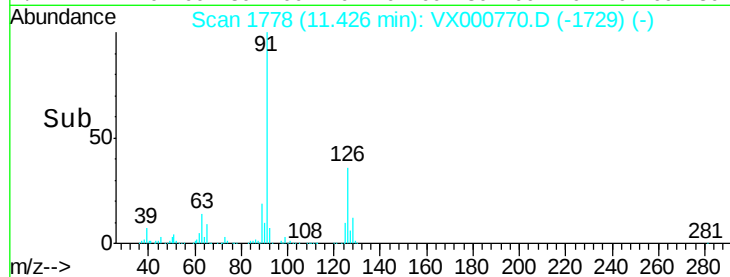
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000770.D

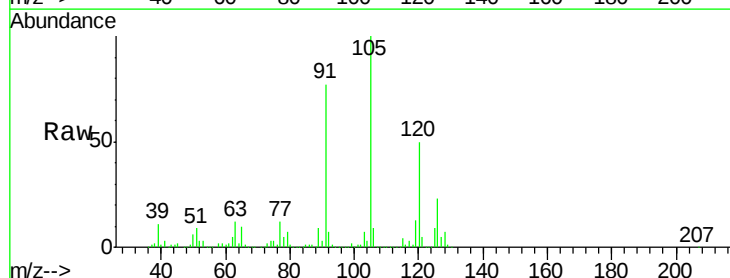
Acq: 11 Apr 2018 11:15

Tgt Ion: 105 Resp: 761884

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000750.D (-1786) (-)

600000

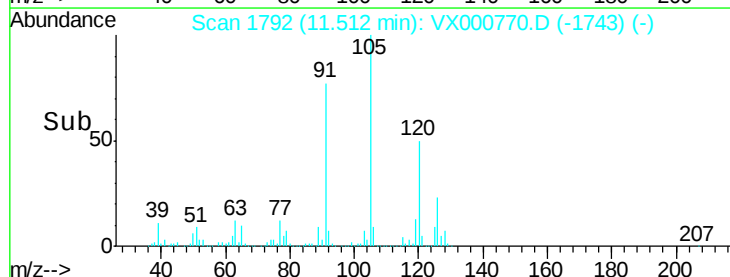
400000

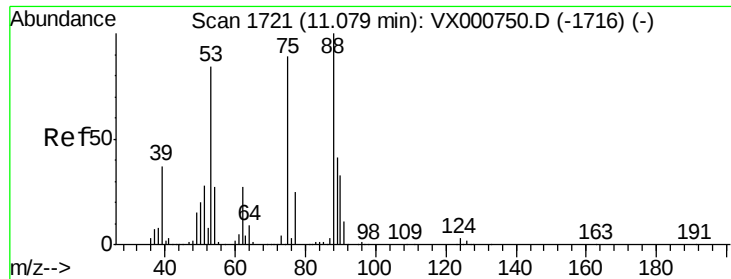
200000

0

11.50 11.60

Time-->





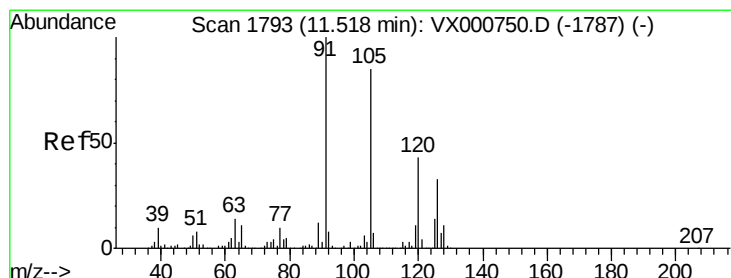
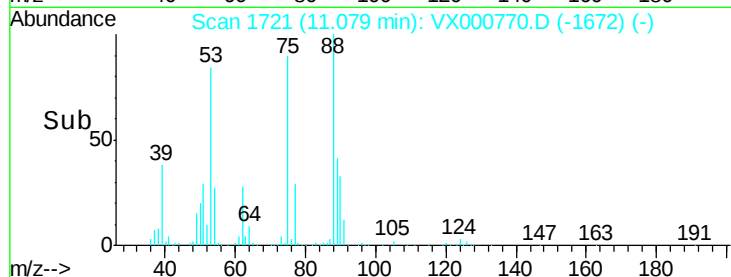
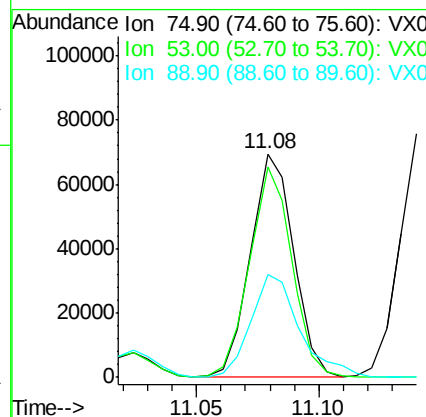
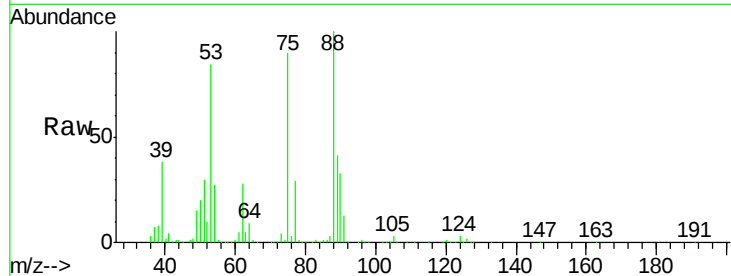
#81
trans-1,4-Dichloro-2-butene
Concen: 50.09 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	75.4	113.0
89	52.3	40.9	61.3

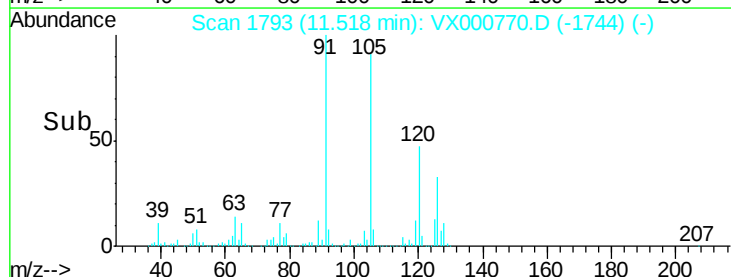
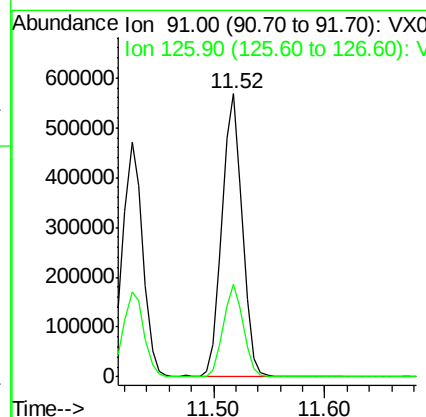
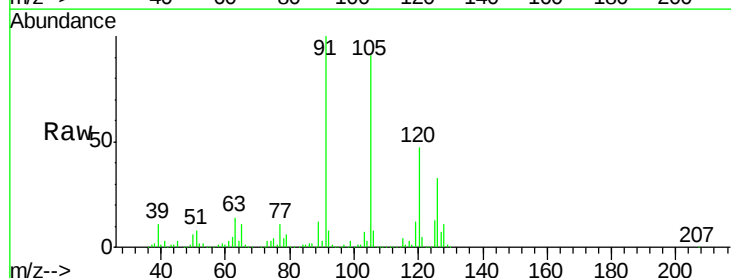
Manual Integrations
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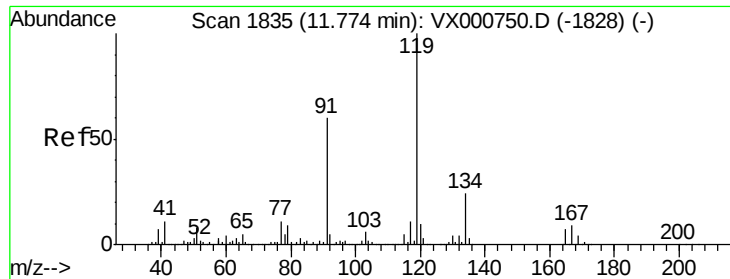
MMDadoda
4/12/2018 10:51:24 AM



#82
4-Chlorotoluene
Concen: 50.98 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





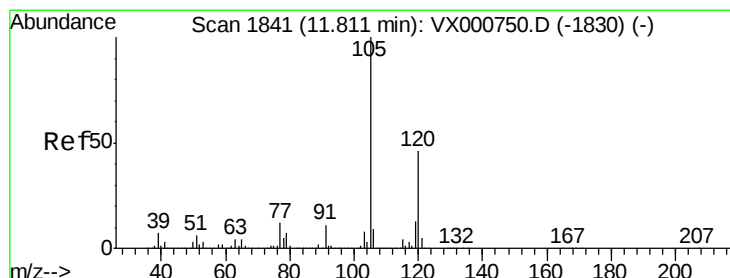
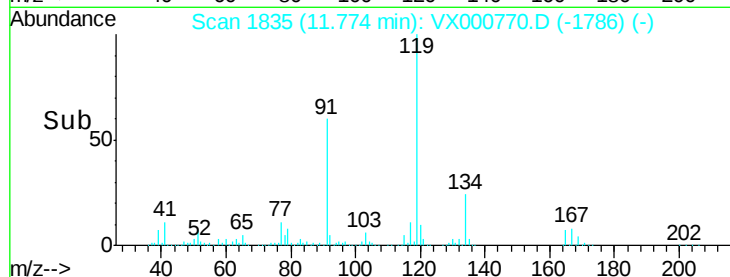
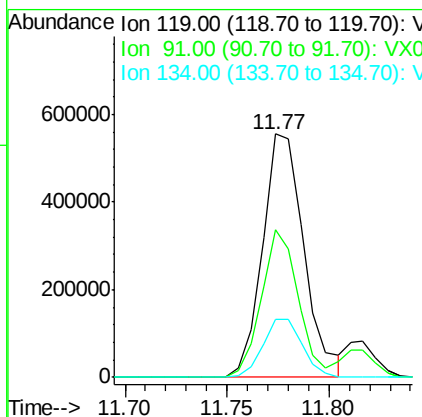
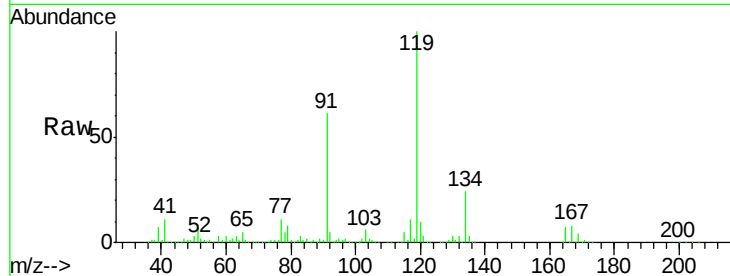
#83
tert-Butylbenzene
Concen: 51.97 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	787100		
91	53.8	26.8	80.3	
134	22.9	11.5	34.4	

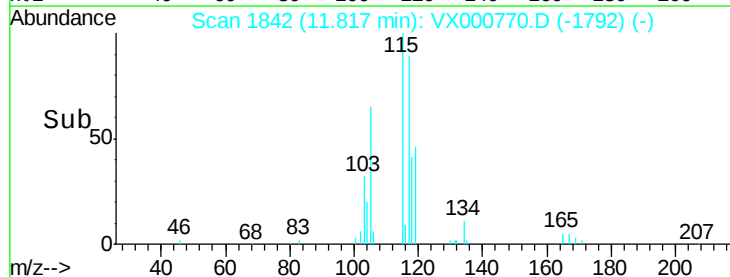
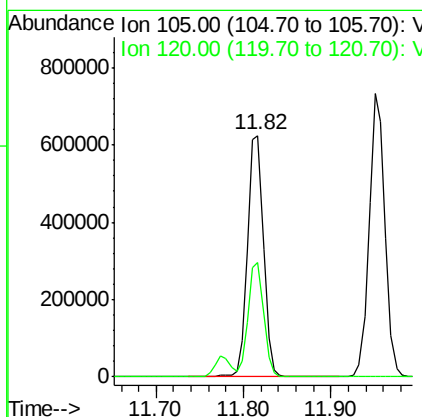
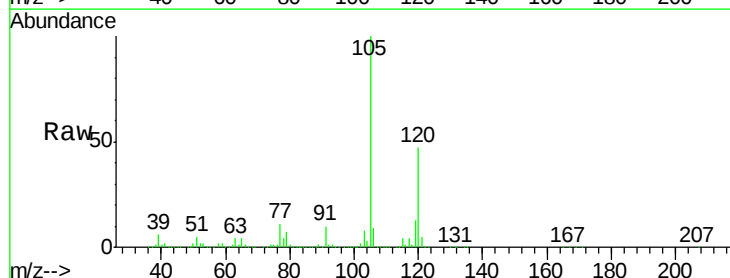
Manual Integrations
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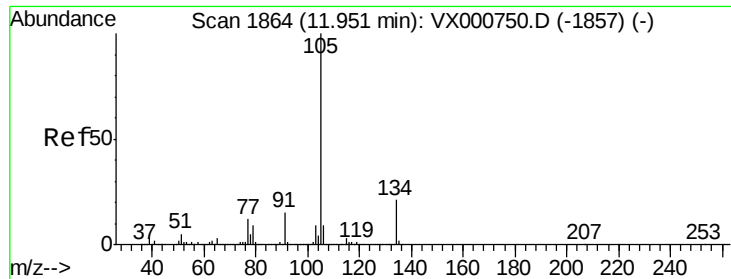
MMDadoda
4/12/2018 10:51:24 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.32 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	784387		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 51.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 927370

Ion Ratio Lower Upper

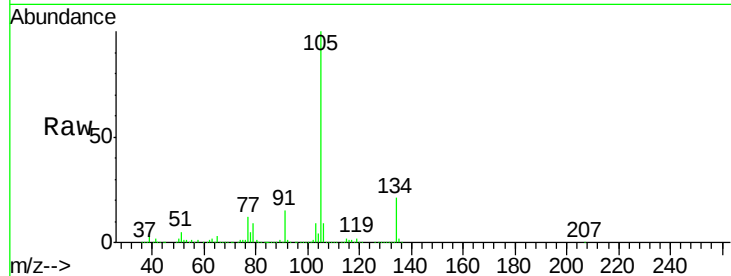
105 100

134 21.5 10.8 32.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

800000

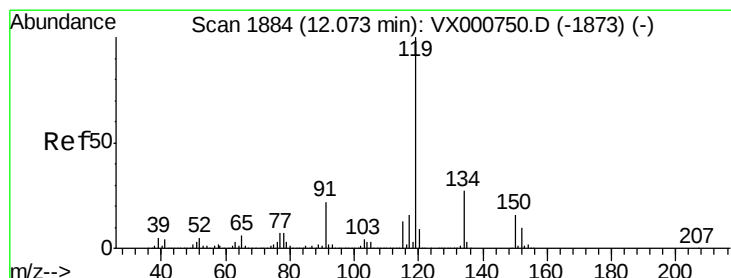
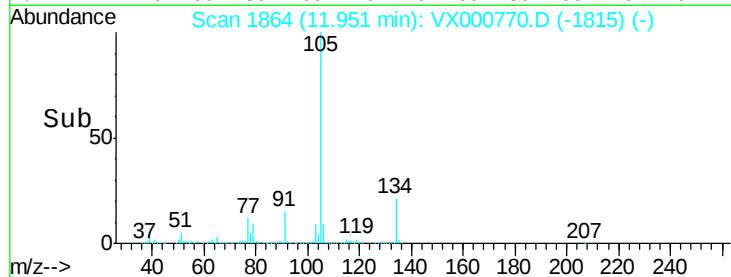
600000

400000

200000

0

Time--> 11.90 12.00



#86

p-Isopropyltoluene

Concen: 52.36 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

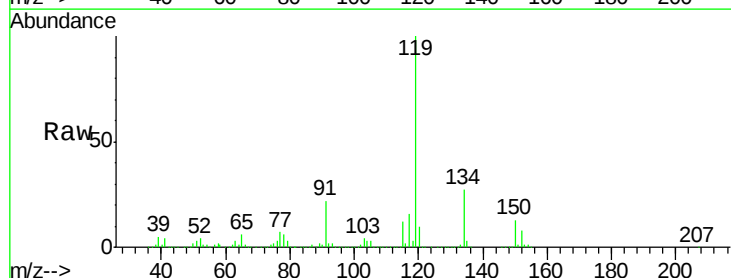
Tgt Ion:119 Resp: 872384

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.2 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

12.07

1000000

800000

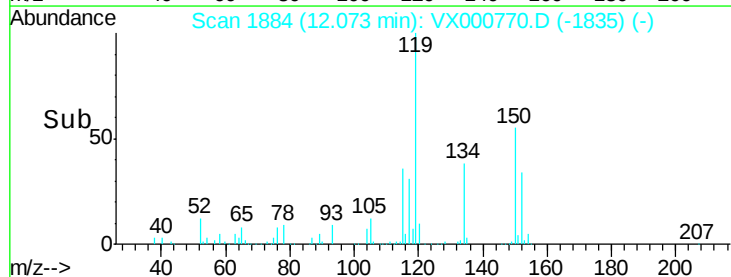
600000

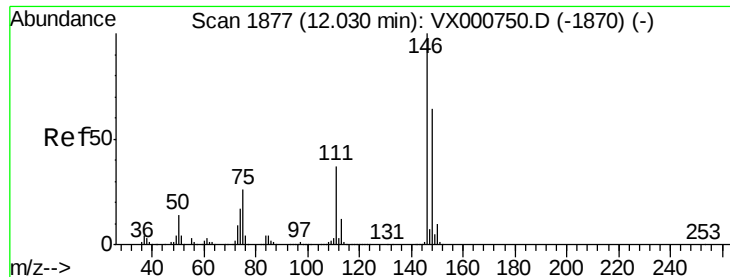
400000

200000

0

Time--> 12.00 12.10





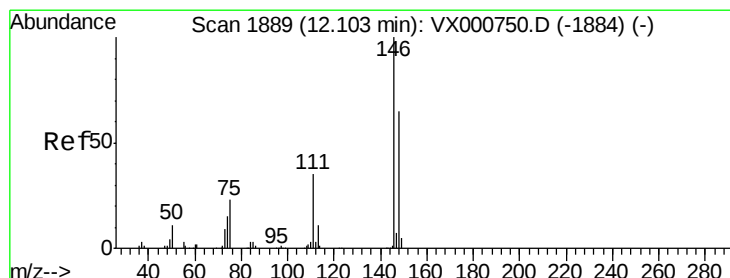
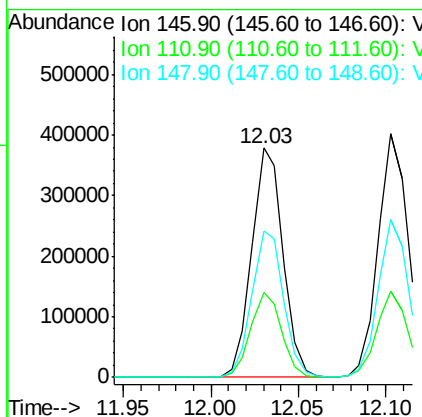
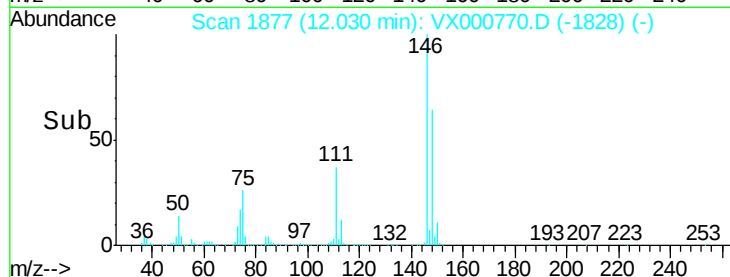
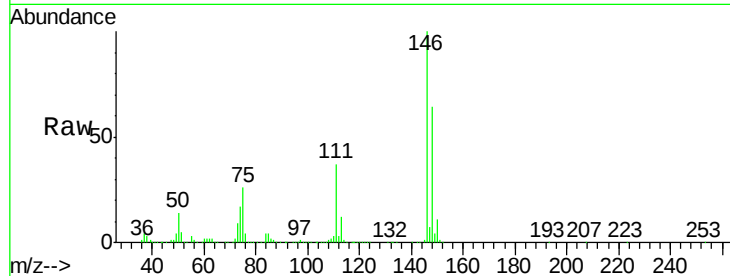
#87
 1,3-Dichlorobenzene
 Concen: 50.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	64.8	32.2	96.6

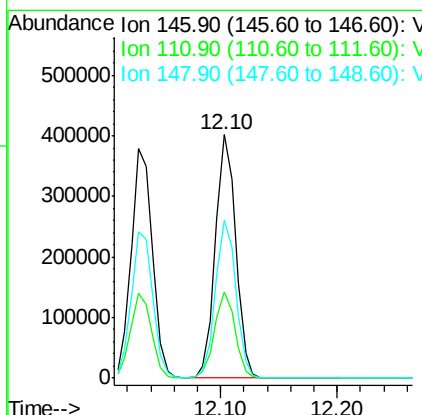
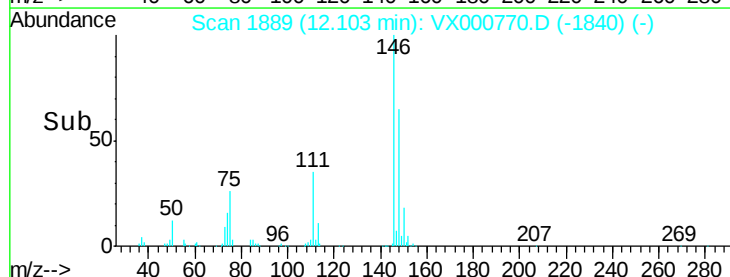
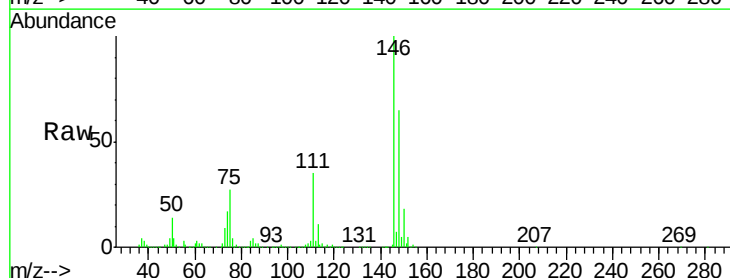
Manual Integrations
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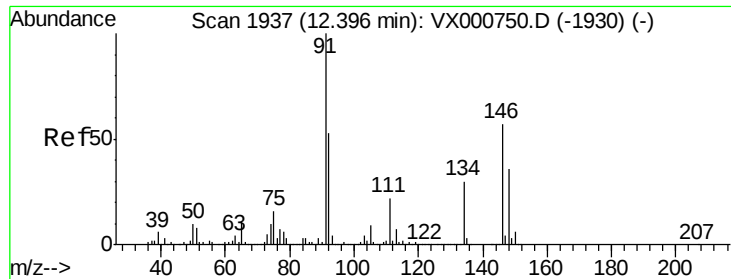
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#88
 1,4-Dichlorobenzene
 Concen: 50.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.9	53.8
148	64.9	32.6	97.7





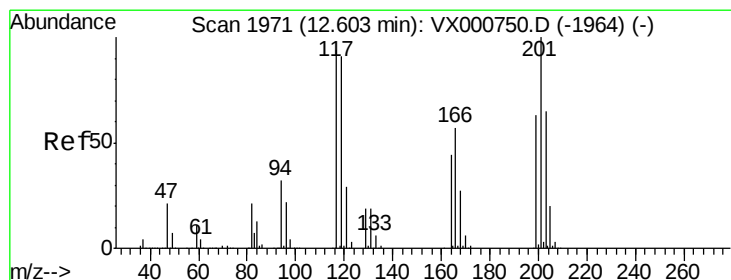
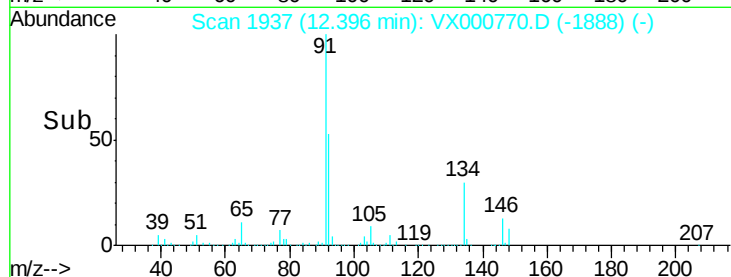
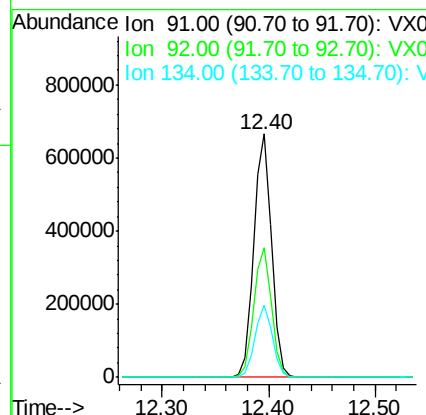
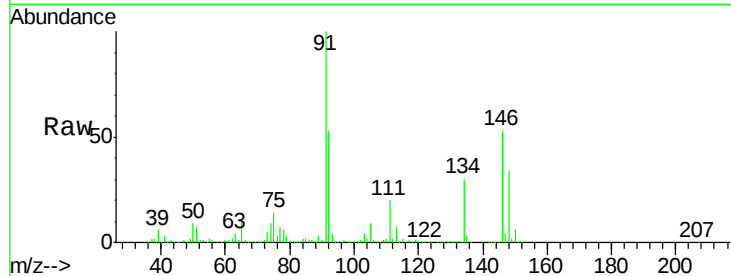
#89
n-Butylbenzene
Concen: 52.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	775947		
92	53.1	26.5	79.5	
134	29.1	14.5	43.5	

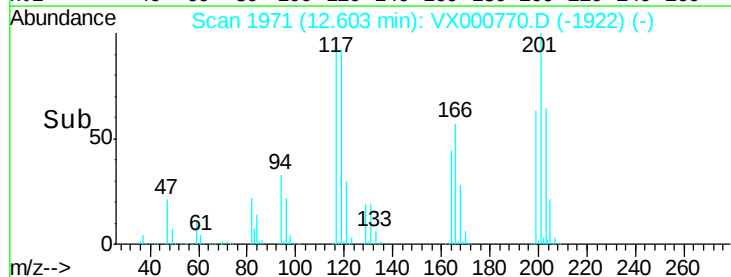
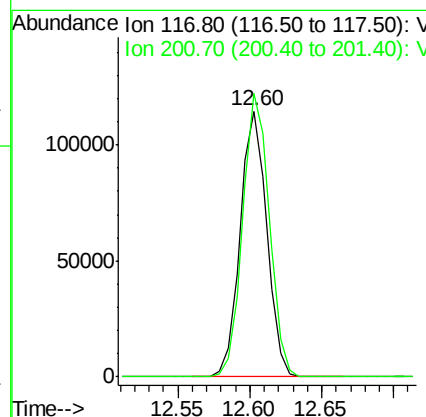
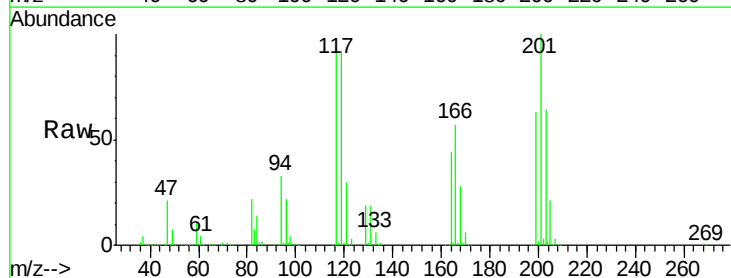
Manual Integrations
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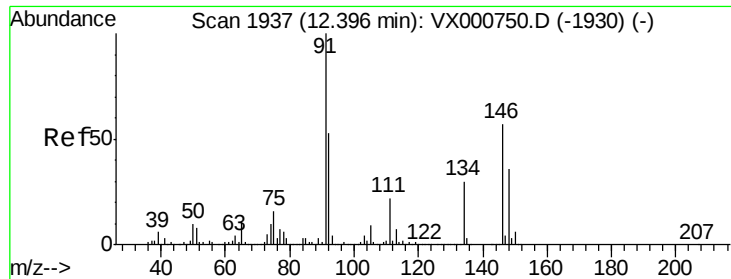
MMDadoda
4/12/2018 10:51:24 AM



#90
Hexachloroethane
Concen: 52.40 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	147756		
201	106.2	52.9	158.7	





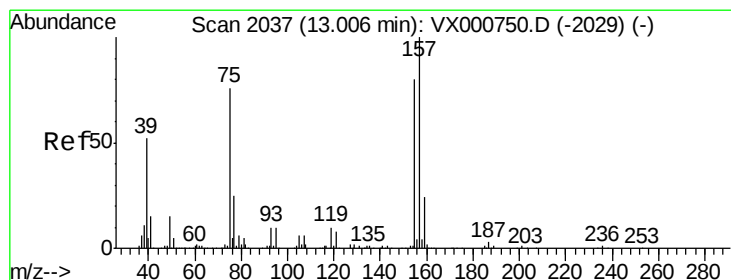
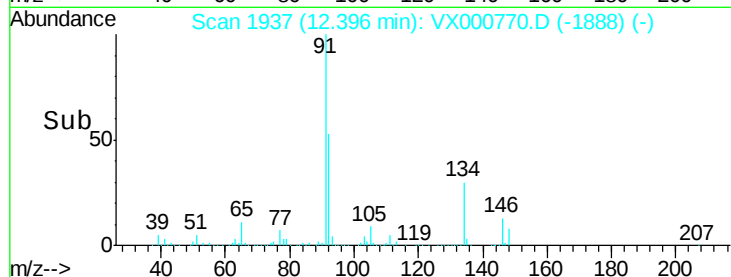
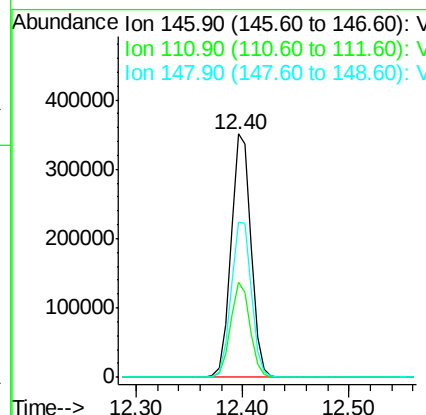
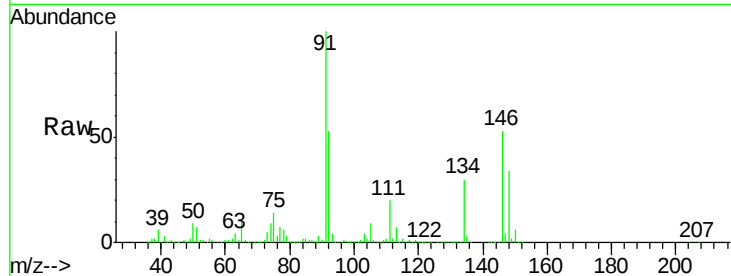
#91
 1,2-Dichlorobenzene
 Concen: 50.96 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.8	32.0	96.2

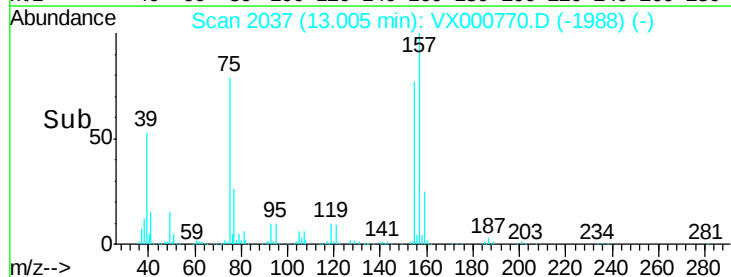
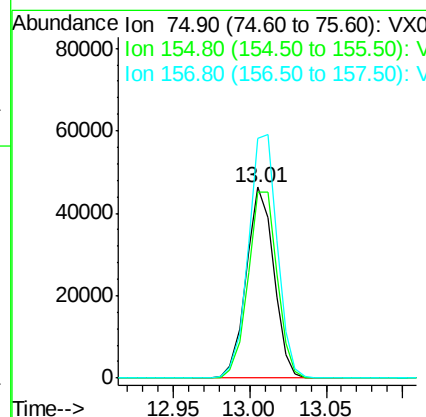
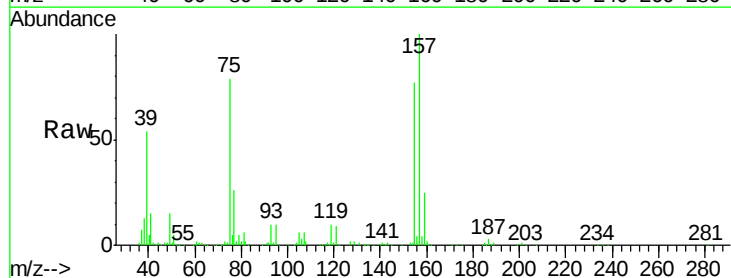
Manual Integrations
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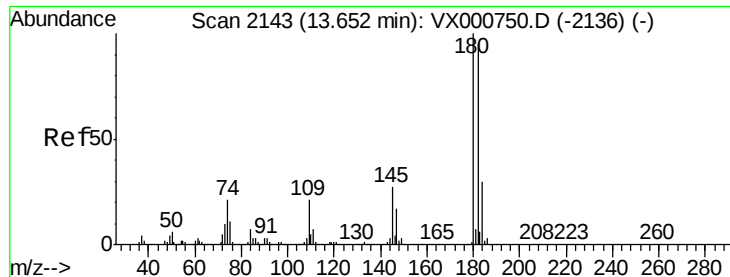
MMDadoda
 4/12/2018 10:51:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.25 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	51.9	155.8
157	133.1	66.6	199.8





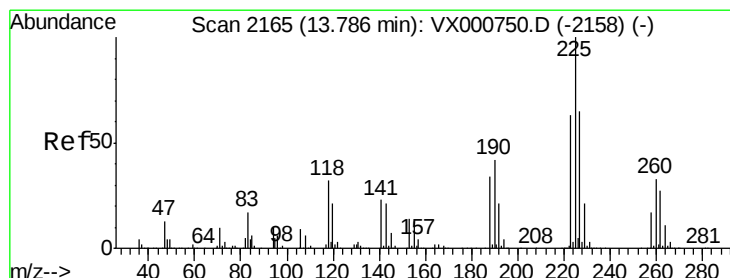
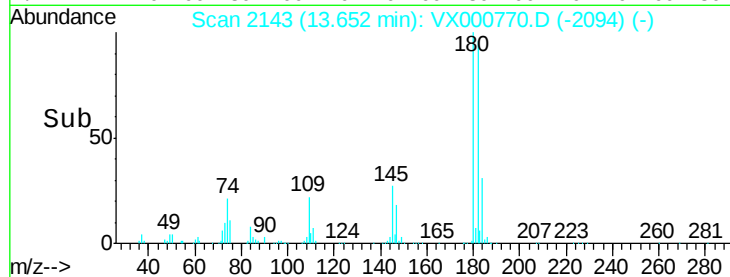
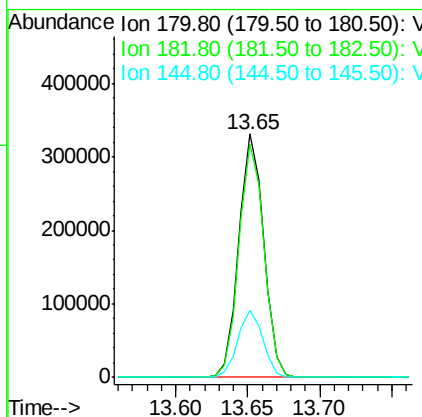
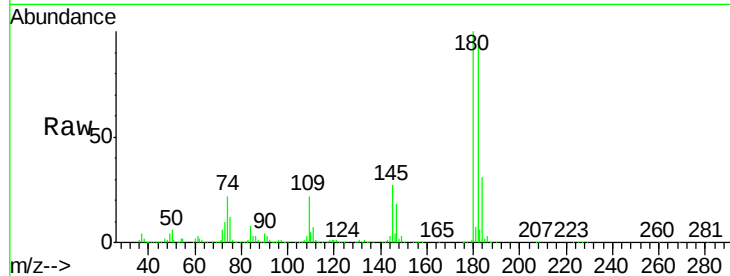
#93
 1,2,4-Trichlorobenzene
 Concen: 51.64 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	397225		
182	96.5	47.5	142.5	
145	27.7	13.8	41.4	

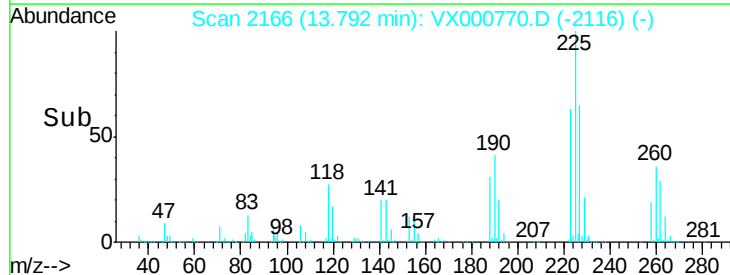
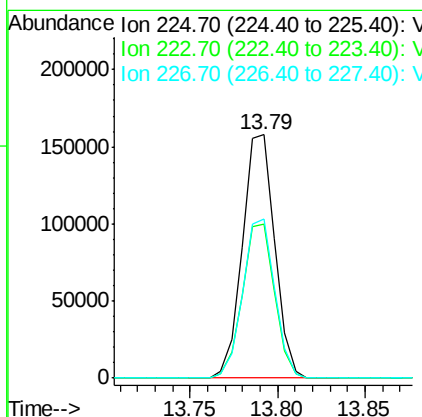
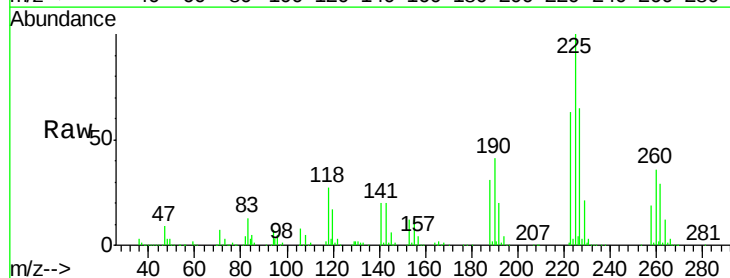
Manual Integrations
 APPROVED

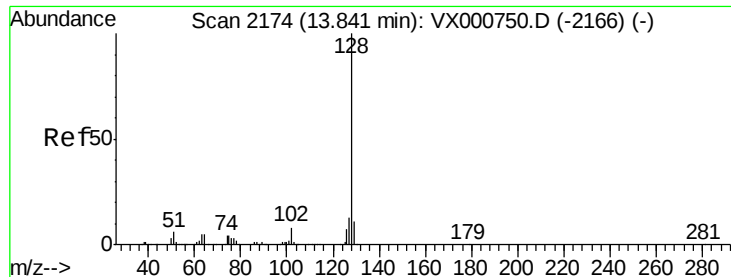
MMDadoda
 4/12/2018 10:51:24 AM



#94
 Hexachlorobutadiene
 Concen: 53.57 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202642		
223	62.9	31.2	93.6	
227	64.5	32.3	96.9	





#95

Naphthalene

Concen: 50.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

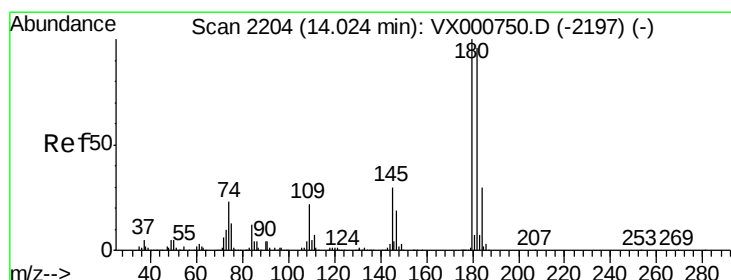
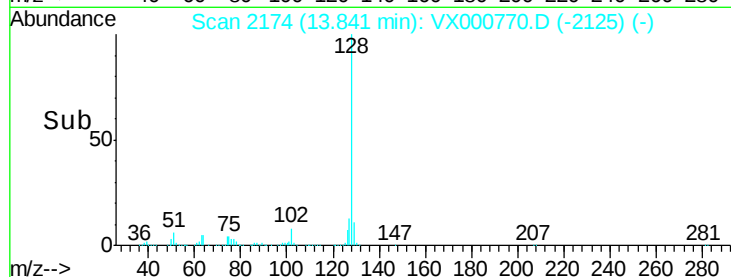
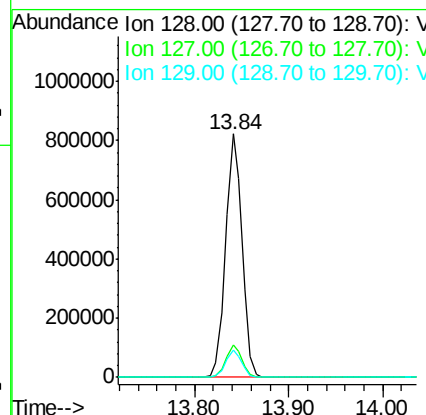
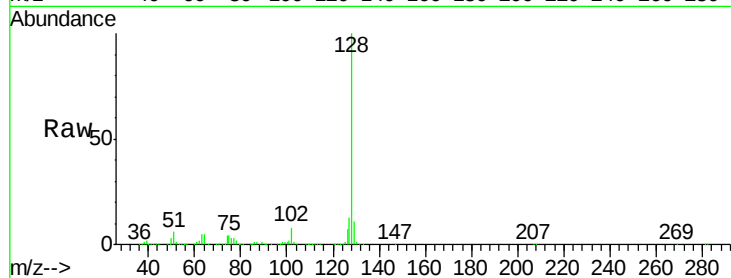
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	988739
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/12/2018 10:51:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.67 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion:	180	Resp:	386053
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.4	145.2
145	28.8	14.6	43.8

