

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000865.D
 Acq On : 14 Apr 2018 10:18
 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
 4/16/2018 12:51:42 PM

Quant Time: Apr 16 05:55:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152927	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	5.51	113	130472	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.72	98	485109	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.15	95	198386	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	152724	51.04	ug/l	99
3) Chloromethane	1.32	50	123833	48.27	ug/l	99
4) Vinyl Chloride	1.40	62	146964	50.93	ug/l	99
5) Bromomethane	1.64	94	61408	51.45	ug/l	95
6) Chloroethane	1.72	64	86136	49.25	ug/l	98
7) Trichlorofluoromethane	1.93	101	221967	50.98	ug/l	98
8) Diethyl Ether	2.19	74	83698	51.46	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135614	52.82	ug/l	99
10) Methyl Iodide	2.51	142	98176	49.28	ug/l	100
11) Tert butyl alcohol	3.07	59	148386	250.04	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122514	50.36	ug/l	96
13) Acrolein	2.30	56	54583	189.40	ug/l	98
14) Allyl chloride	2.73	41	226290	50.30	ug/l	98
15) Acrylonitrile	3.15	53	339333	268.20	ug/l	100
16) Acetone	2.45	43	296439	257.18	ug/l	99
17) Carbon Disulfide	2.57	76	331831	45.04	ug/l	99
18) Methyl Acetate	2.78	43	168191	56.39	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	419016	51.70	ug/l	98
20) Methylene Chloride	2.86	84	131617	49.09	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	132773	49.49	ug/l	99
22) Diisopropyl ether	3.88	45	422493	51.10	ug/l	99
23) Vinyl Acetate	3.83	43	1819980	250.72	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237074	51.10	ug/l	99
25) 2-Butanone	4.71	43	503920	264.74	ug/l	99
26) 2,2-Dichloropropane	4.59	77	226043	49.09	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	157123	51.60	ug/l	99
28) Bromochloromethane	5.03	49	87504	46.84	ug/l	100
29) Tetrahydrofuran	5.17	42	314438	260.17	ug/l	99
30) Chloroform	5.22	83	256157	52.15	ug/l	100
31) Cyclohexane	5.58	56	221373	50.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	235984	50.43	ug/l	100
36) 1,1-Dichloropropene	5.81	75	196561	51.57	ug/l	99
37) Ethyl Acetate	4.87	43	196102	52.71	ug/l	100
38) Carbon Tetrachloride	5.79	117	213953	50.15	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242557	53.00	ug/l	99
40) Benzene	6.15	78	556660	52.57	ug/l	99
41) Methacrylonitrile	5.07	41	114893	53.45	ug/l	100
42) 1,2-Dichloroethane	6.21	62	205698	52.01	ug/l	100
43) Isopropyl Acetate	6.48	43	333119	52.22	ug/l	100
44) Trichloroethene	7.22	130	172737	52.45	ug/l	97
45) 1,2-Dichloropropane	7.52	63	145296	53.88	ug/l	99
46) Dibromomethane	7.67	93	98295	52.28	ug/l	100
47) Bromodichloromethane	7.90	83	195829	51.61	ug/l	98
48) Methyl methacrylate	7.79	41	174653	52.82	ug/l	99
49) 1,4-Dioxane	7.76	88	67616	1017.57	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1031350	275.24	ug/l	99
52) Toluene	8.79	92	371460	52.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239874	52.70	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	229881	51.87	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	148492	53.24	ug/l	99
56) Ethyl methacrylate	9.19	69	228030	53.00	ug/l	98
57) 1,3-Dichloropropane	9.38	76	242401	54.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	668100	332.35	ug/l	100
59) 2-Hexanone	9.51	43	803114	277.63	ug/l	99
60) Dibromochloromethane	9.59	129	172929	51.82	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158822	53.68	ug/l	99
64) Tetrachloroethene	9.34	164	177702	55.11	ug/l	99
65) Chlorobenzene	10.15	112	441553	53.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163414	52.33	ug/l	99
67) Ethyl Benzene	10.26	91	731088	52.85	ug/l	99
68) m/p-Xylenes	10.37	106	586493	107.43	ug/l	99
69) o-Xylene	10.71	106	281564	53.51	ug/l	100
70) Styrene	10.72	104	474282	53.46	ug/l	99
71) Bromoform	10.87	173	145445	50.31	ug/l	100
73) Isopropylbenzene	11.02	105	767028	53.50	ug/l	100
74) N-amyl acetate	6.48	43	333119	51.60	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	220803	53.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	208846m	53.59	ug/l	
77) Bromobenzene	11.26	156	220170	52.40	ug/l	99
78) n-propylbenzene	11.37	91	868068	52.94	ug/l	99
79) 2-Chlorotoluene	11.43	91	509320	52.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656878	53.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69527	49.07	ug/l	99
82) 4-Chlorotoluene	11.52	91	611969	52.31	ug/l	99
83) tert-Butylbenzene	11.77	119	668350	52.99	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	676193	53.12	ug/l	100
85) sec-Butylbenzene	11.95	105	800248	53.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	742740	53.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	414289	53.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	420587	52.77	ug/l	99
89) n-Butylbenzene	12.40	91	668542	54.58	ug/l	100
90) Hexachloroethane	12.60	117	115137	49.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	402149	53.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49734	47.71	ug/l	99

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ClientSampleId :
VSTDCCC050

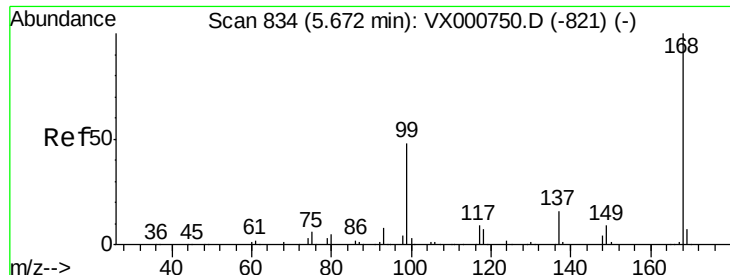
Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:51:42 PM

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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	347636	54.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	178415	56.64	ug/l	99
95) Naphthalene	13.84	128	891240	54.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	339990	54.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 265090

Ion Ratio Lower Upper

168 100

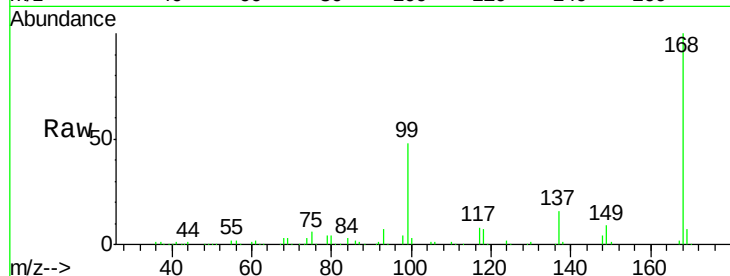
99 47.5 38.3 57.5

Manual Integrations

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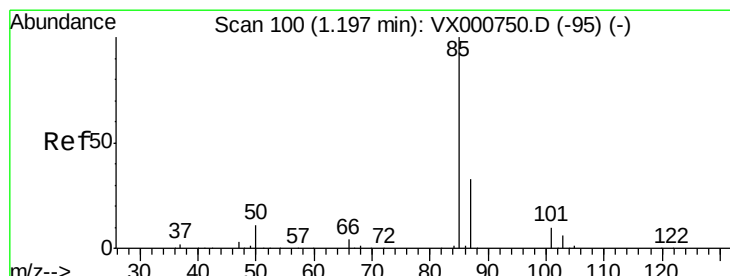
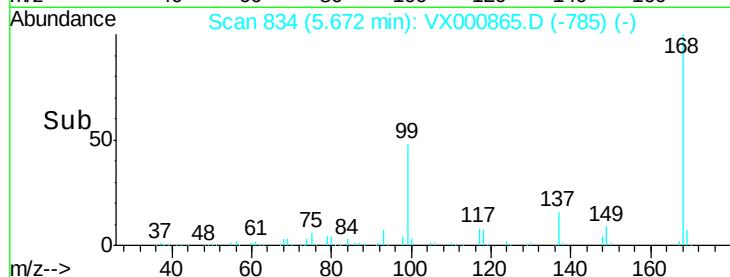
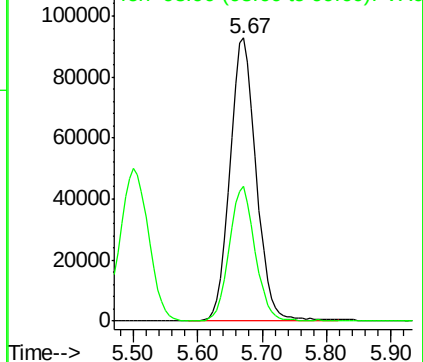
MMDadoda

4/16/2018 12:51:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000865.D

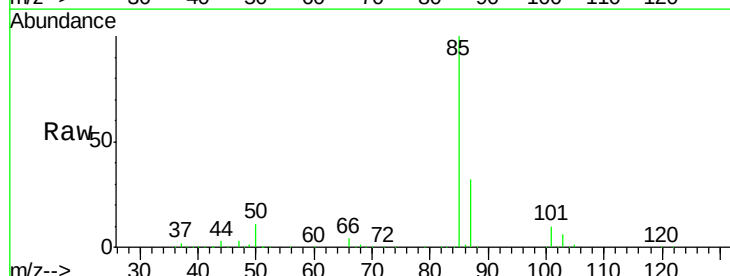
Acq: 14 Apr 2018 10:18

Tgt Ion: 85 Resp: 152724

Ion Ratio Lower Upper

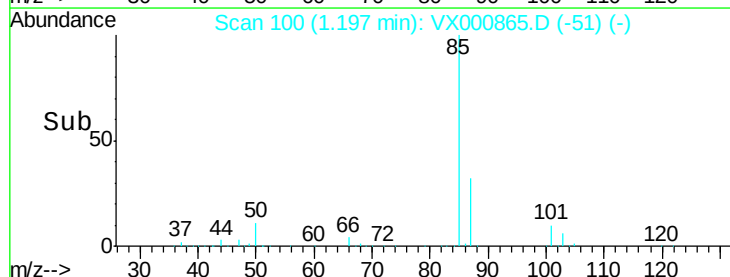
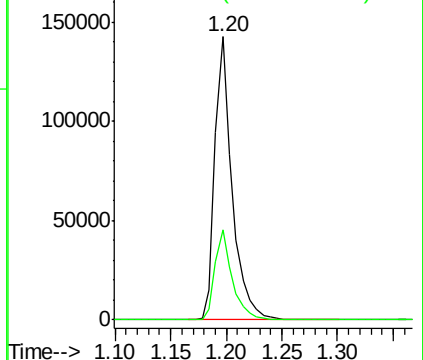
85 100

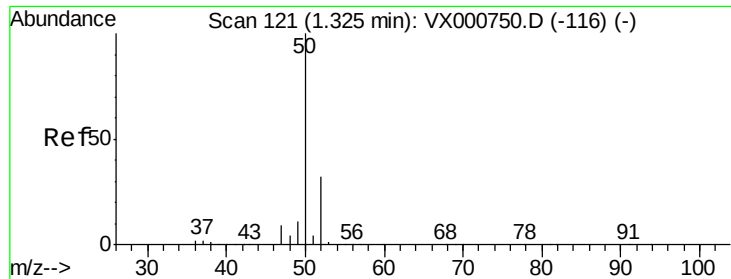
87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 123833

Ion Ratio Lower Upper

50 100

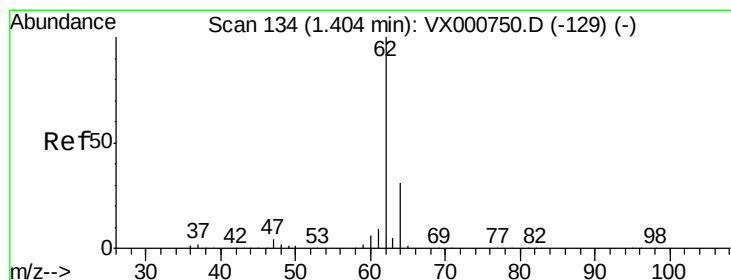
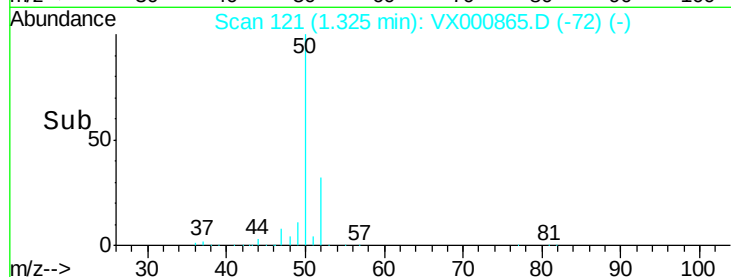
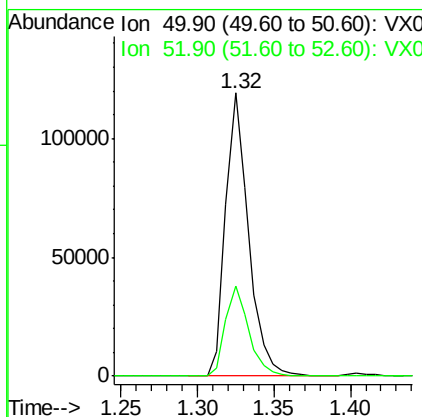
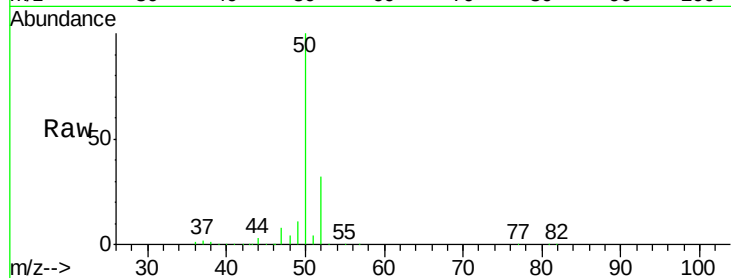
52 31.9 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000865.D

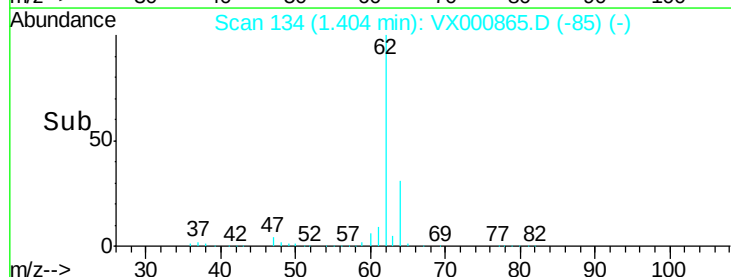
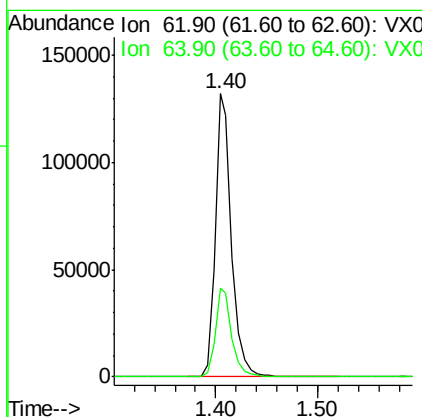
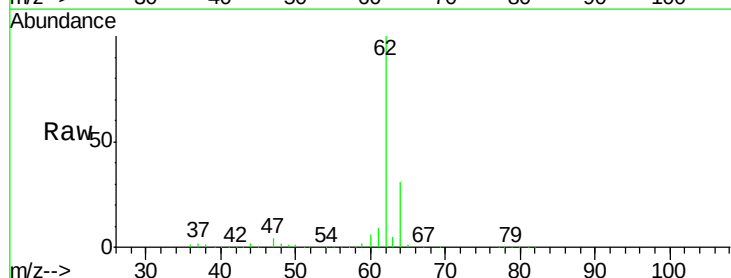
Acq: 14 Apr 2018 10:18

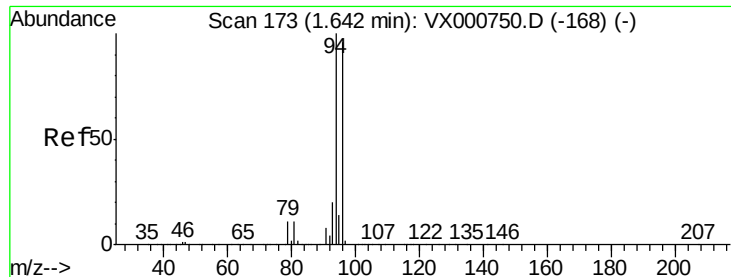
Tgt Ion: 62 Resp: 146964

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 51.45 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 61408

Ion Ratio Lower Upper

94 100

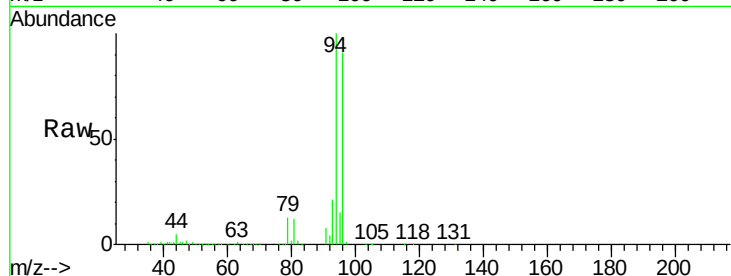
96 91.1 77.0 115.6

Manual Integrations

APPROVED

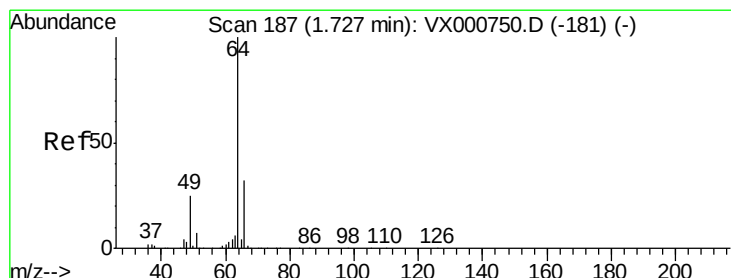
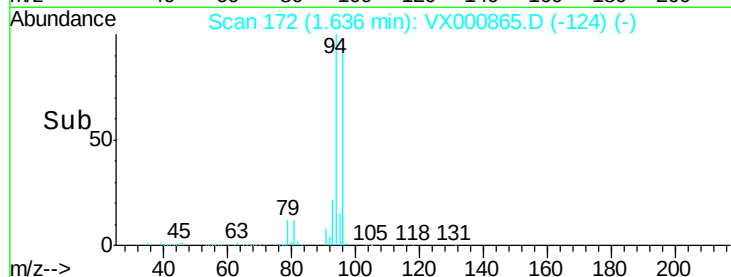
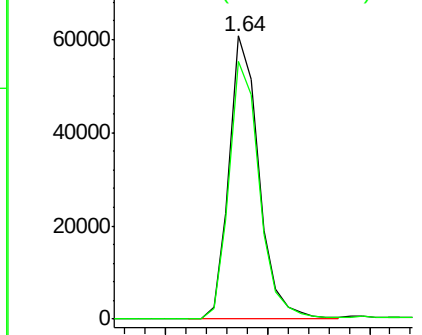
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4/16/2018 12:51:42 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.25 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000865.D

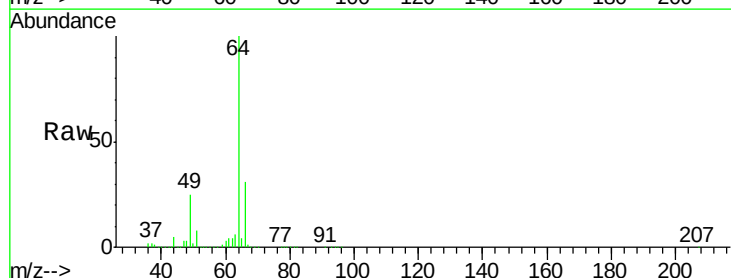
Acq: 14 Apr 2018 10:18

Tgt Ion: 64 Resp: 86136

Ion Ratio Lower Upper

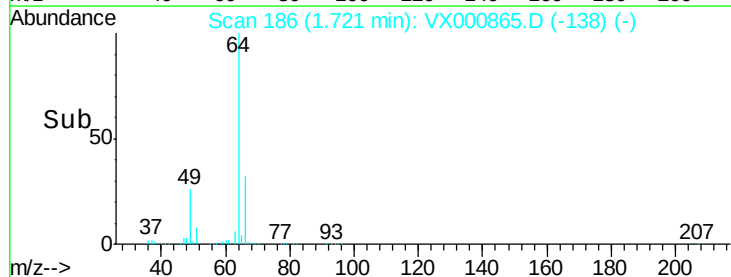
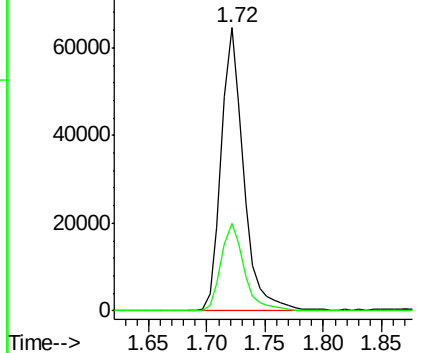
64 100

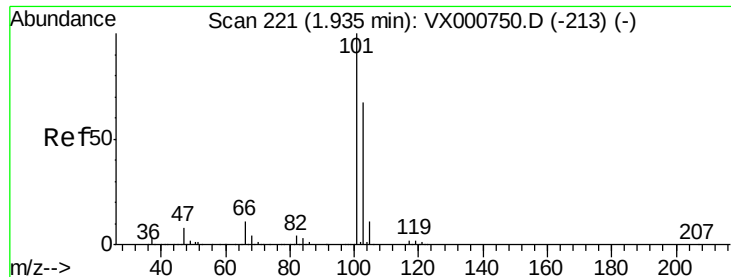
66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

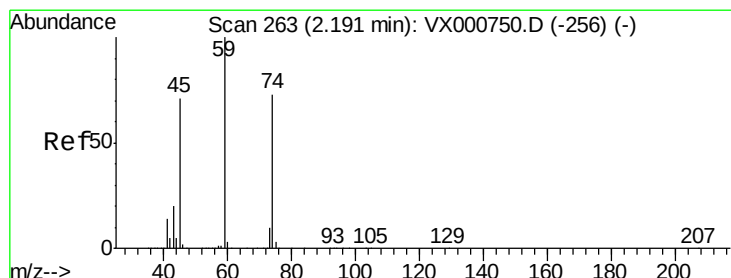
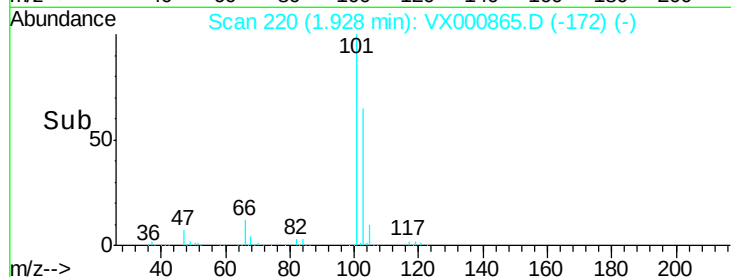
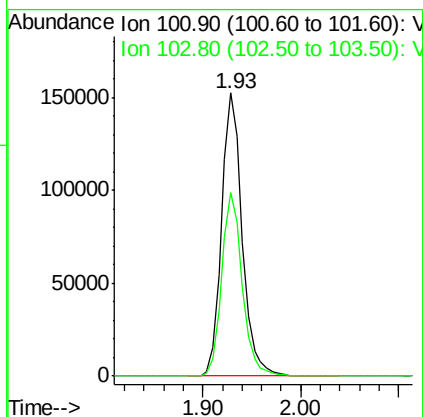
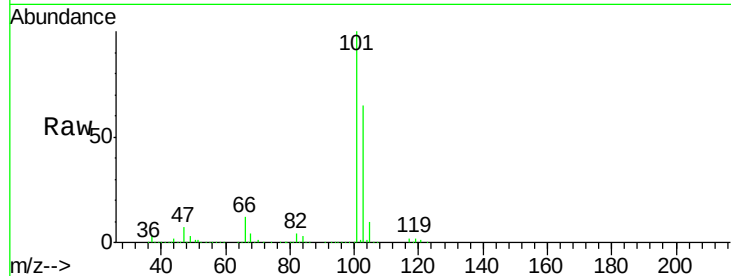
Trichlorofluoromethane
Concen: 50.98 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	53.2	79.8

Manual Integrations
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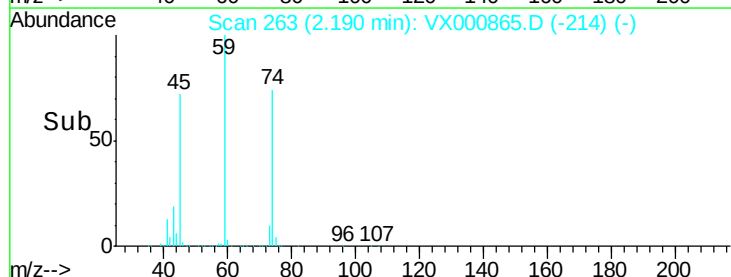
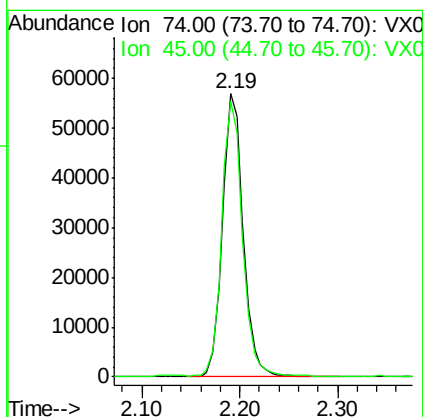
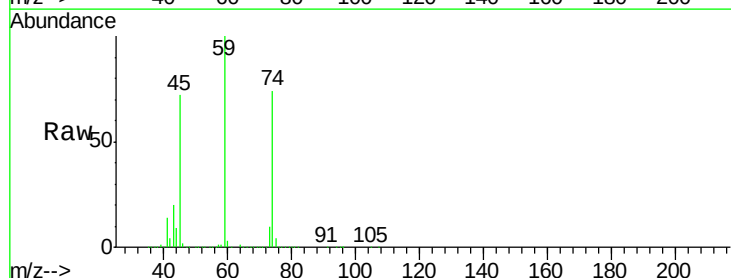
MMDadoda
4/16/2018 12:51:42 PM

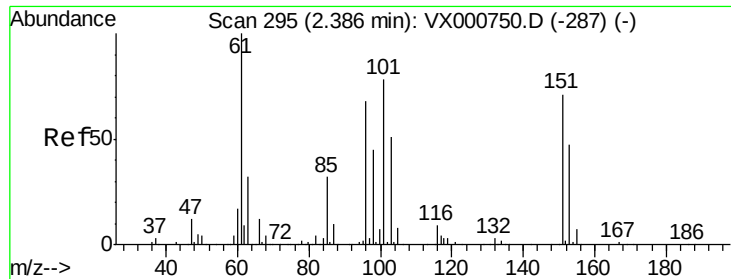


#8

Diethyl Ether
Concen: 51.46 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

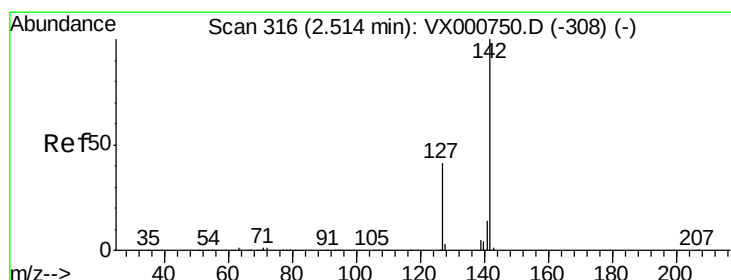
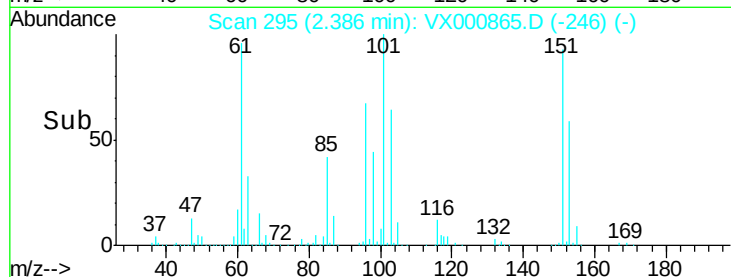
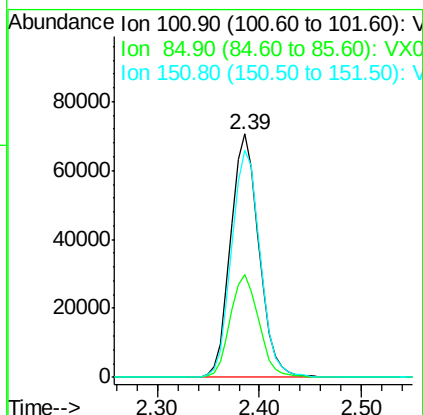
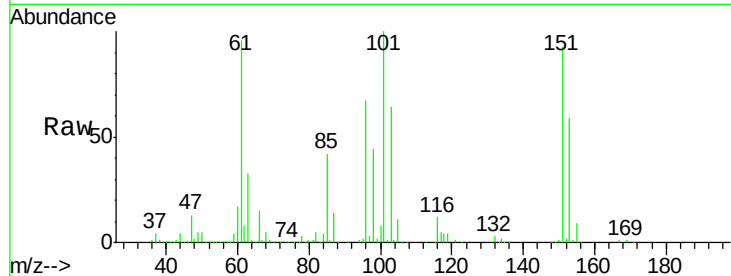
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135614
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.0	51.0
151	94.0	75.8	113.8

Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:51:42 PM



#10

Methyl Iodide

Concen: 49.28 ug/l

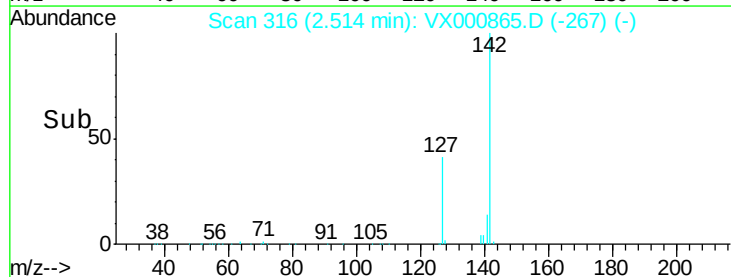
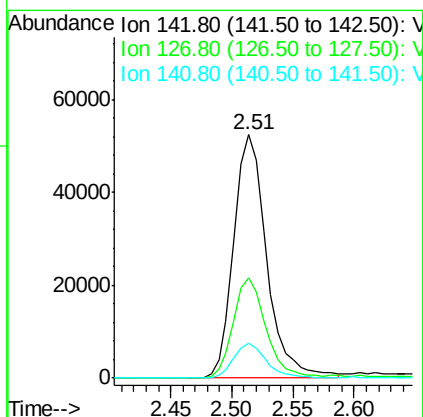
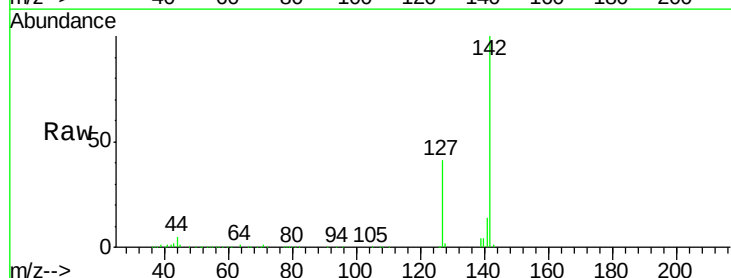
RT: 2.51 min Scan# 316

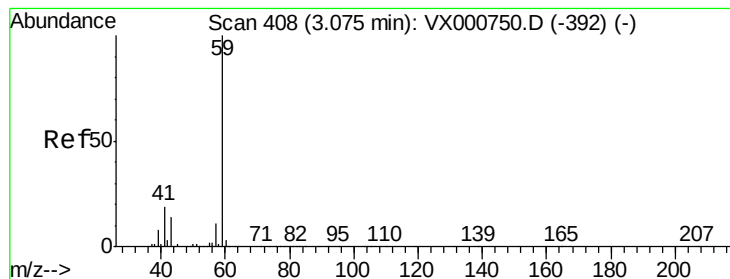
Delta R.T. 0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	142	Resp:	98176
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.6	49.0
141	14.3	11.5	17.3





#11

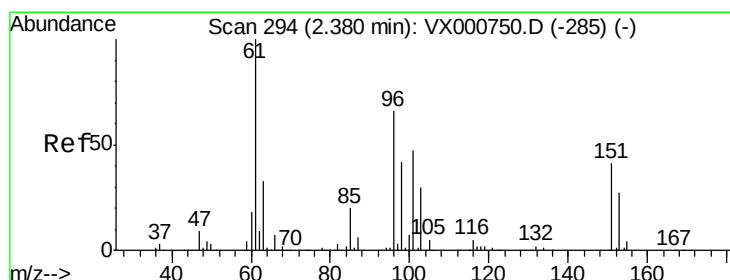
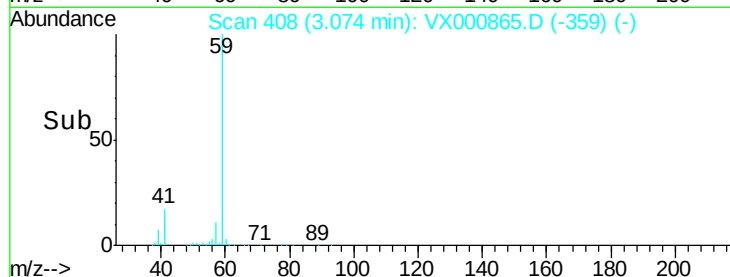
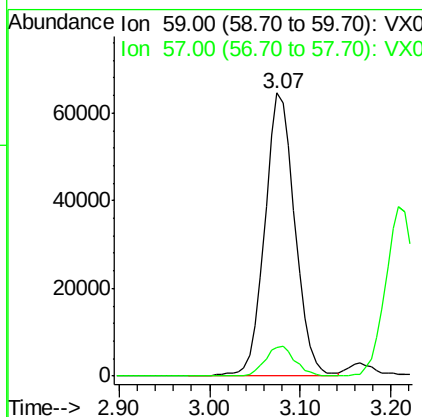
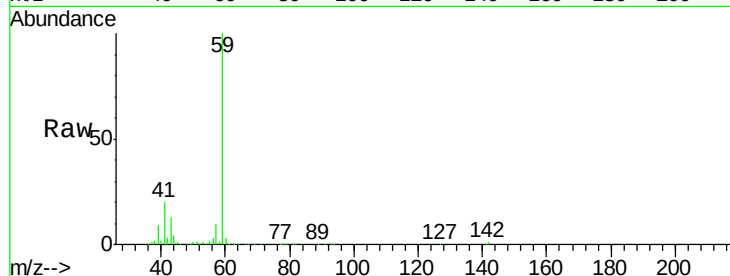
Tert butyl alcohol
 Concen: 250.04 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	148386		
57	10.6		8.4	12.6

Manual Integrations
 APPROVED

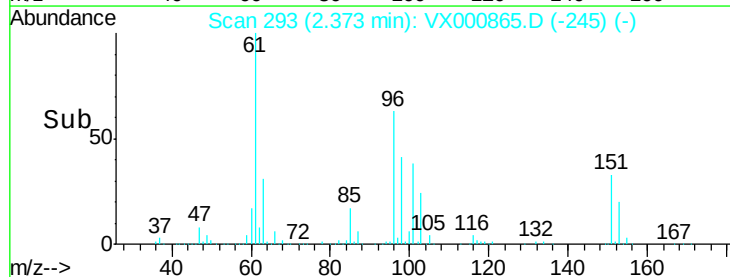
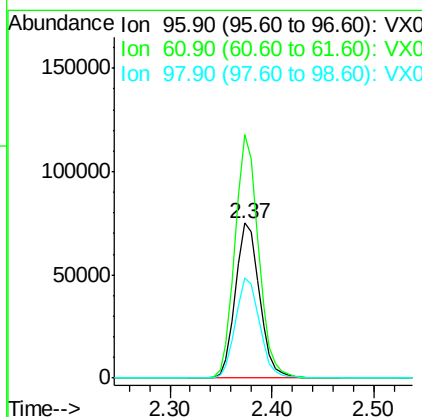
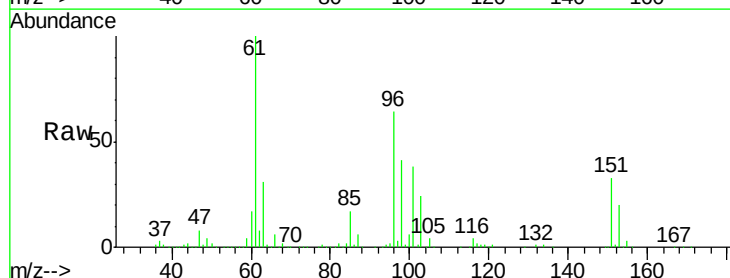
MMDadoda
 4/16/2018 12:51:42 PM

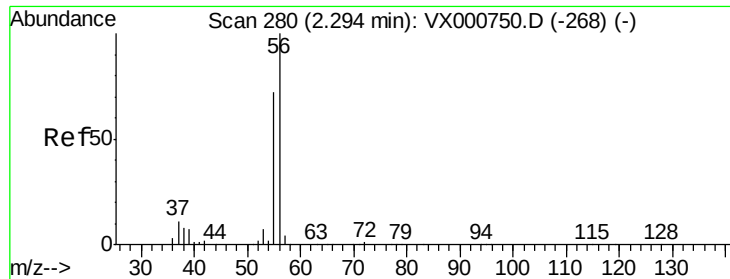


#12

1,1-Dichloroethene
 Concen: 50.36 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	122514		
61	157.4		120.5	180.7
98	64.9		50.9	76.3





#13

Acrolein

Concen: 189.40 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54583

Ion Ratio Lower Upper

56 100

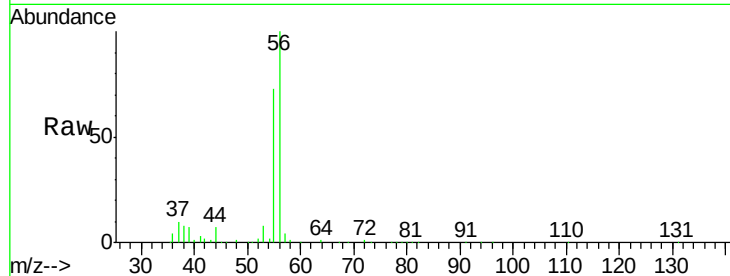
55 72.1 58.7 88.1

Manual Integrations

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MMDadoda

4/16/2018 12:51:42 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

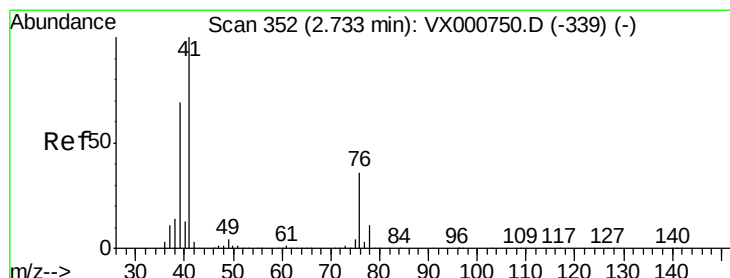
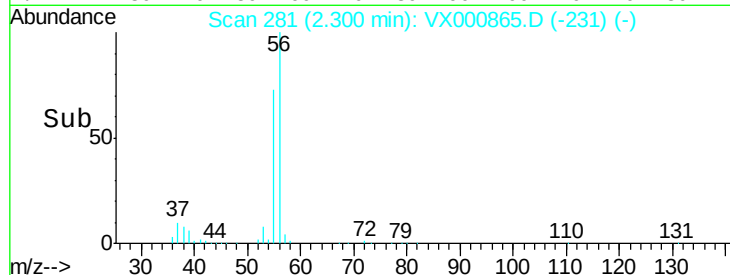
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 50.30 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

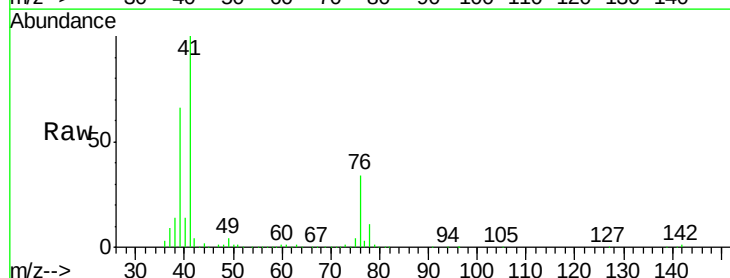
Tgt Ion: 41 Resp: 226290

Ion Ratio Lower Upper

41 100

39 62.8 51.5 77.3

76 32.8 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

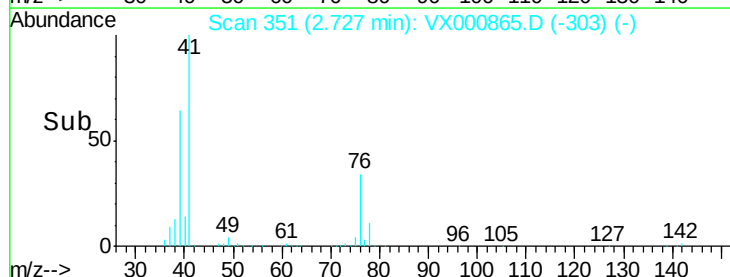
150000

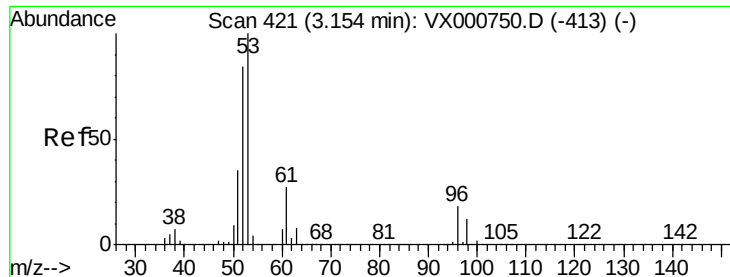
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 268.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

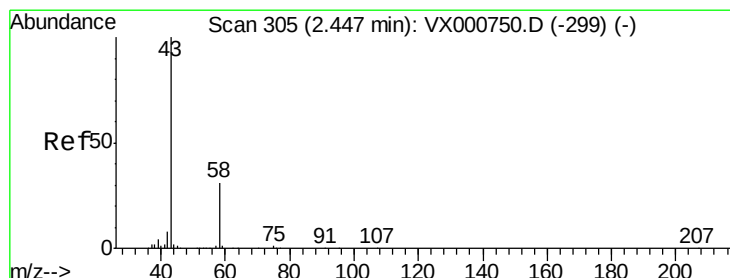
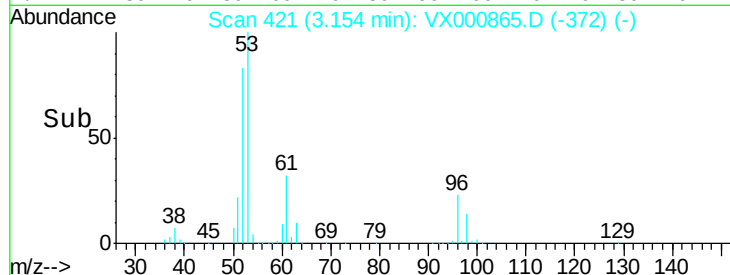
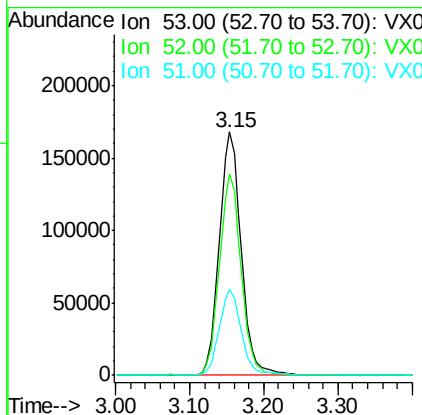
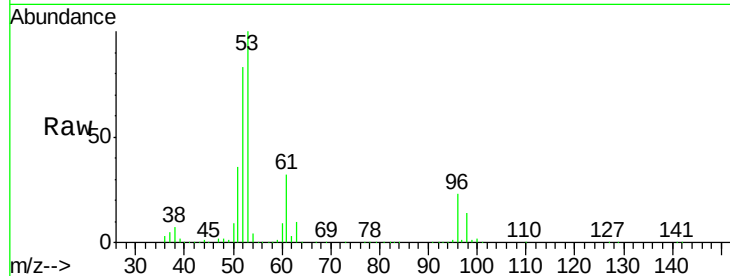
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	339333
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	36.0	28.8	43.2

Manual Integrations
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MMDadoda
4/16/2018 12:51:42 PM



#16

Acetone

Concen: 257.18 ug/l

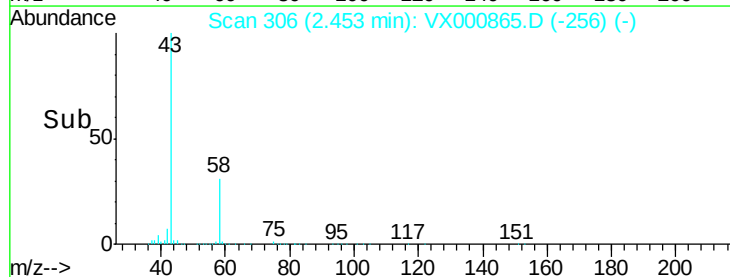
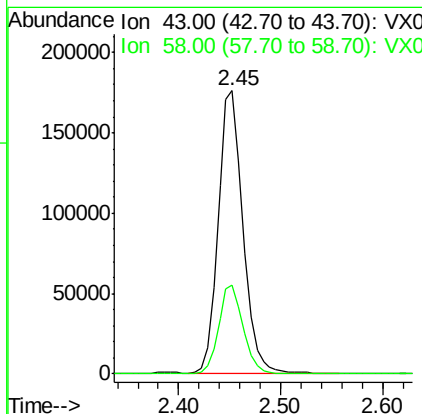
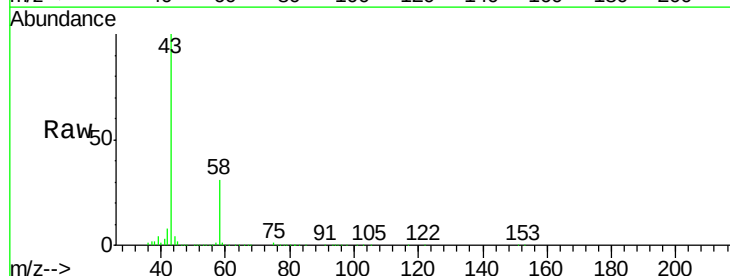
RT: 2.45 min Scan# 306

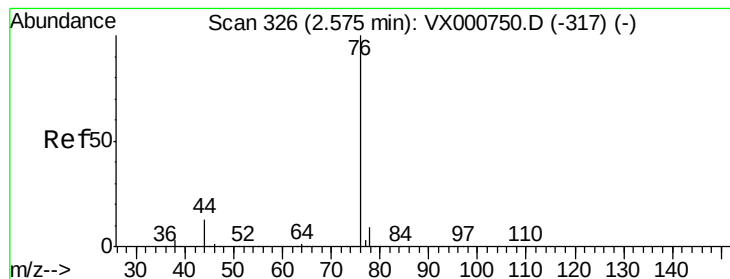
Delta R.T. 0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	43	Resp:	296439
Ion Ratio	Lower	Upper	
43	100		
58	31.3	24.6	37.0





#17

Carbon Disulfide

Concen: 45.04 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 331831

Ion Ratio Lower Upper

76 100

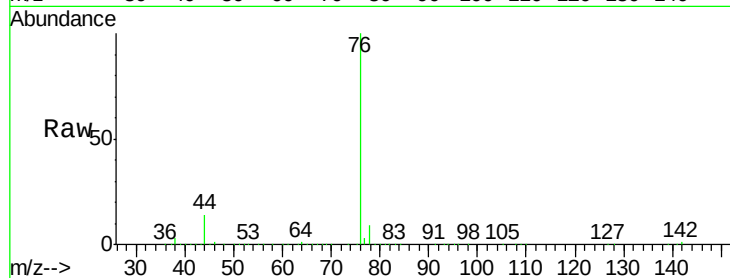
78 9.0 7.4 11.2

Manual Integrations

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MMDadoda

4/16/2018 12:51:42 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

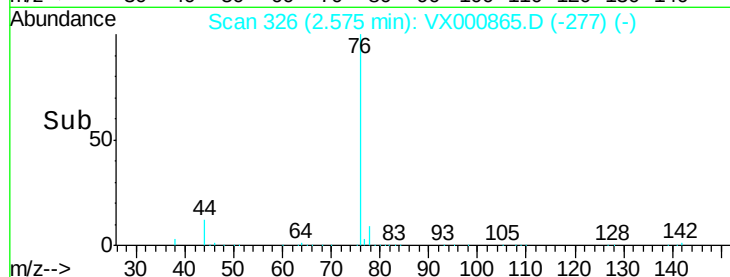
150000

100000

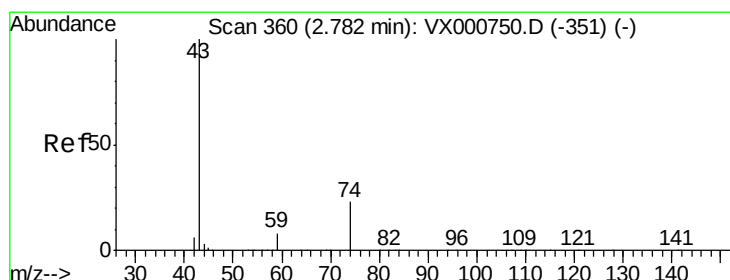
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 56.39 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000865.D

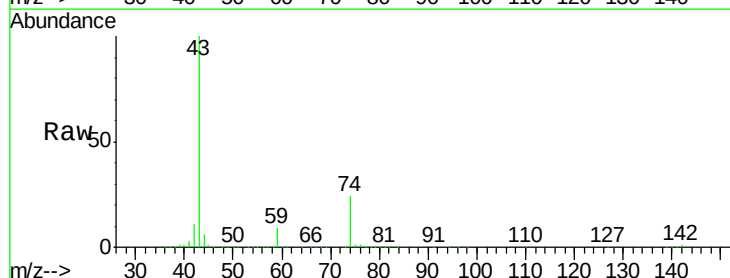
Acq: 14 Apr 2018 10:18

Tgt Ion: 43 Resp: 168191

Ion Ratio Lower Upper

43 100

74 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

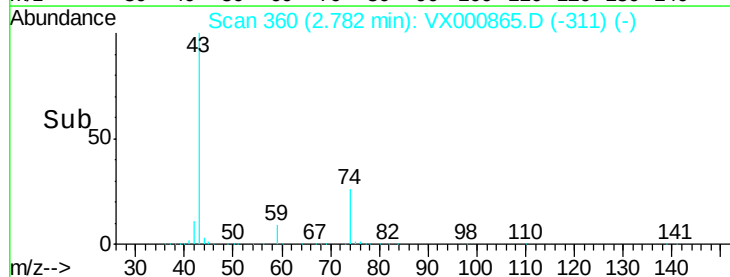
60000

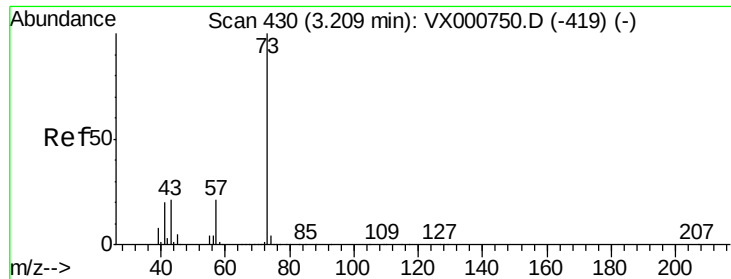
40000

20000

0

Time-->





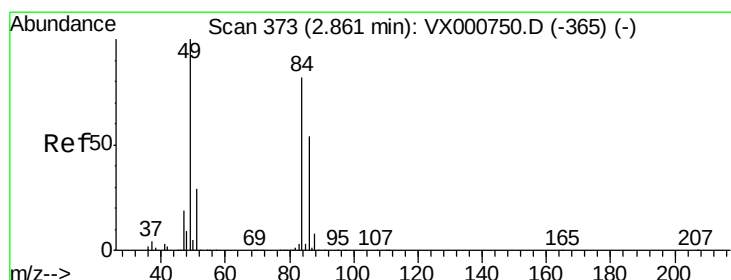
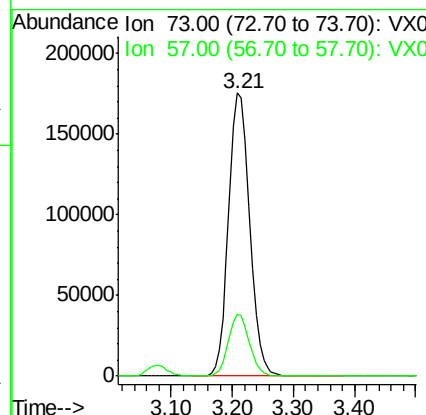
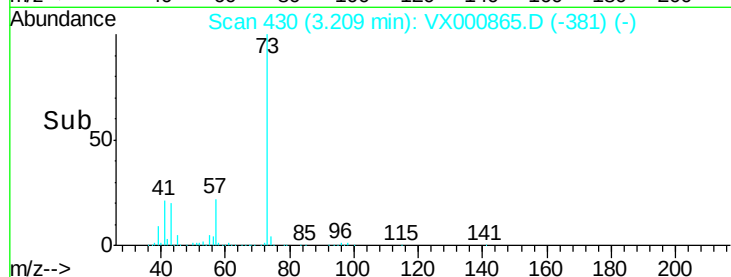
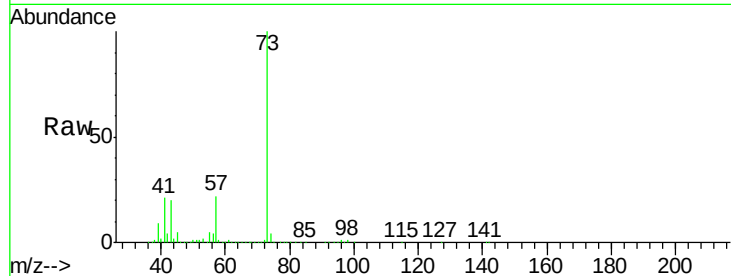
#19
Methyl tert-butyl Ether
Concen: 51.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.9	25.3

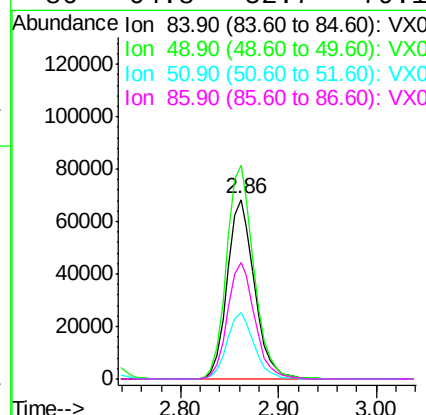
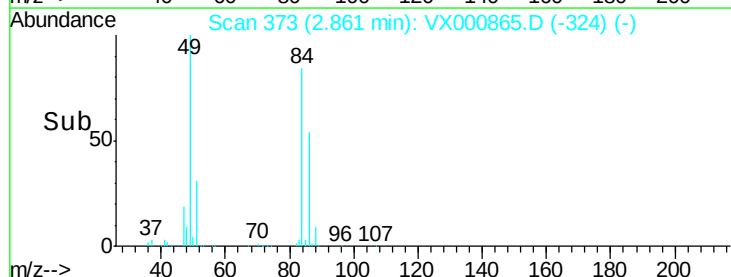
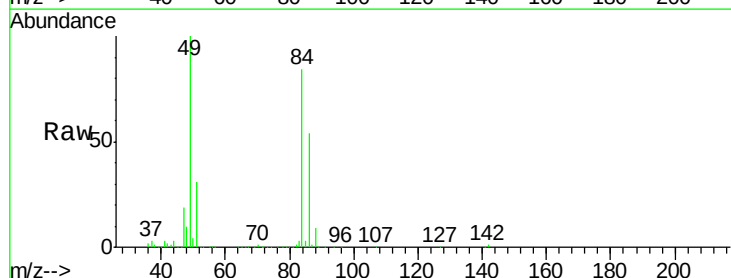
Manual Integrations
APPROVED

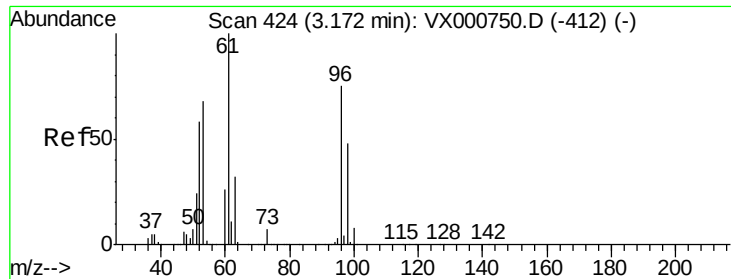
MMDadoda
4/16/2018 12:51:42 PM



#20
Methylene Chloride
Concen: 49.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.1	98.1	147.1
51	36.9	28.9	43.3
86	64.8	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 49.49 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

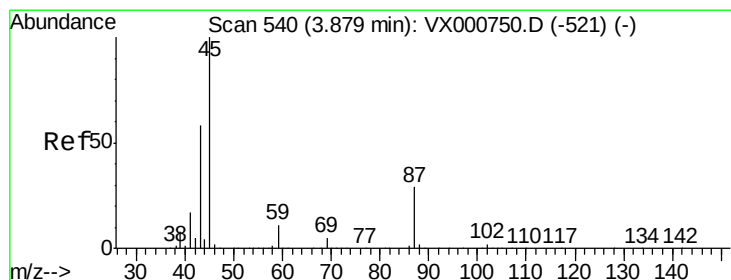
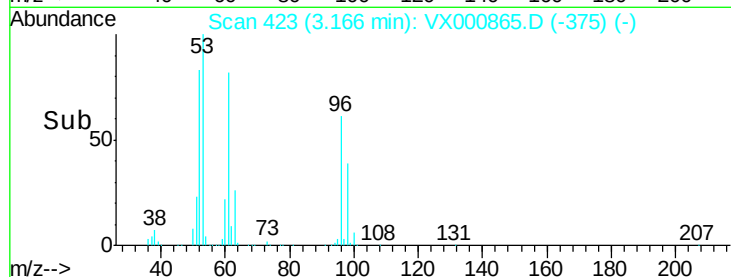
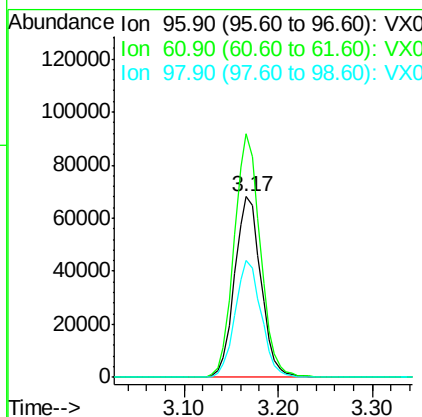
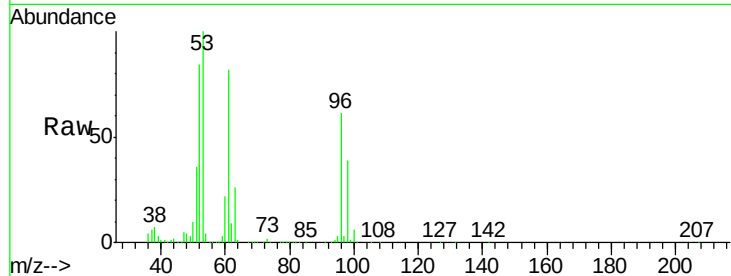
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	132773
Ion	Ratio	Lower	Upper
96	100		
61	134.8	106.2	159.2
98	64.4	51.2	76.8

Manual Integrations
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4/16/2018 12:51:42 PM



#22

Diisopropyl ether

Concen: 51.10 ug/l

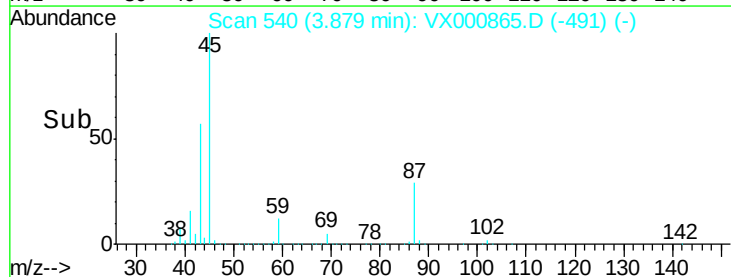
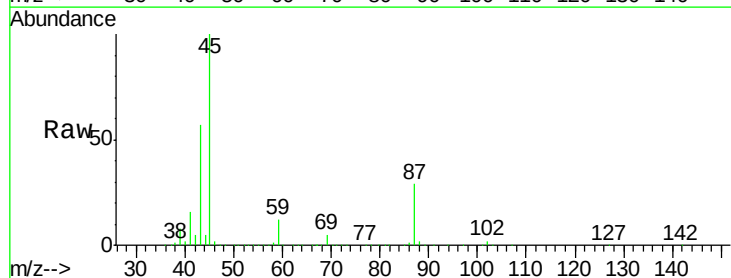
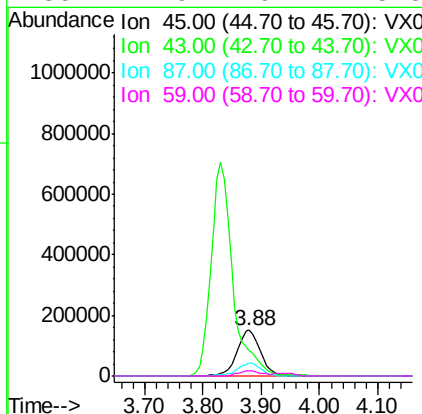
RT: 3.88 min Scan# 540

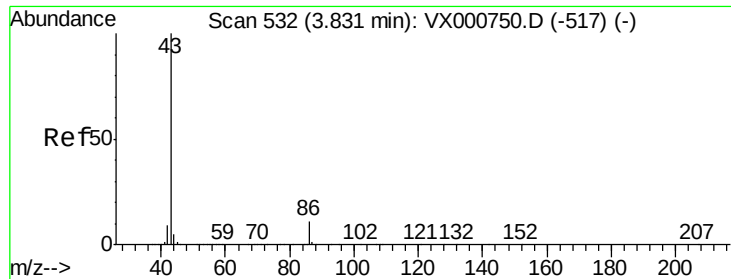
Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	45	Resp:	422493
Ion	Ratio	Lower	Upper
45	100		
43	57.0	46.6	69.8
87	29.1	22.9	34.3
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 250.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1819980

Ion Ratio Lower Upper

43 100

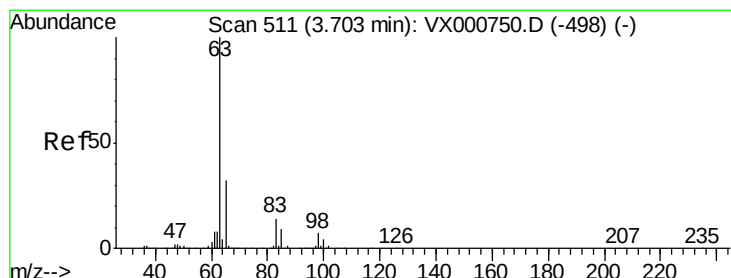
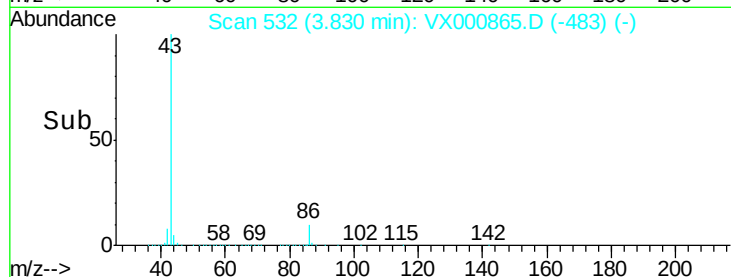
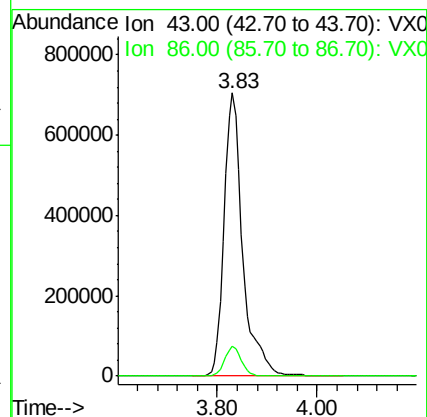
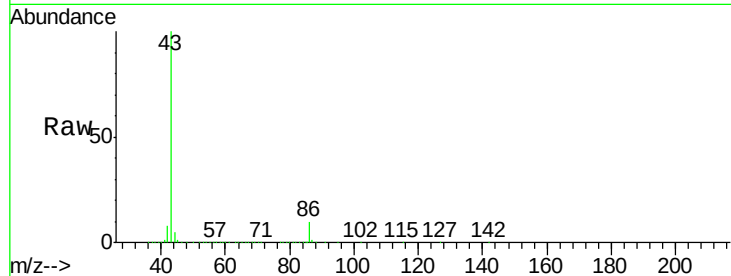
86 10.4 8.6 12.8

Manual Integrations

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MMDadoda

4/16/2018 12:51:42 PM



#24

1,1-Dichloroethane

Concen: 51.10 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

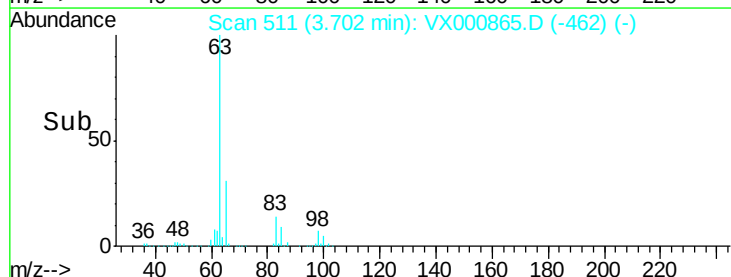
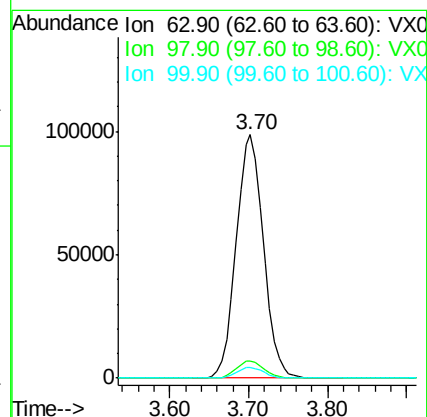
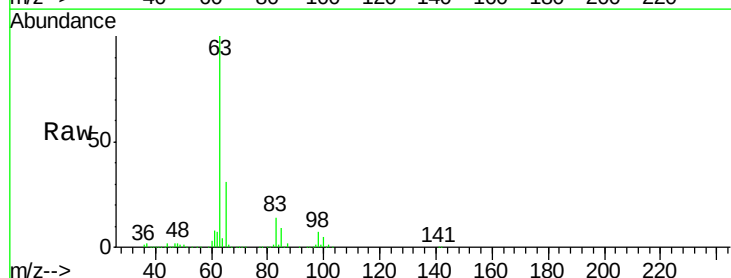
Tgt Ion: 63 Resp: 237074

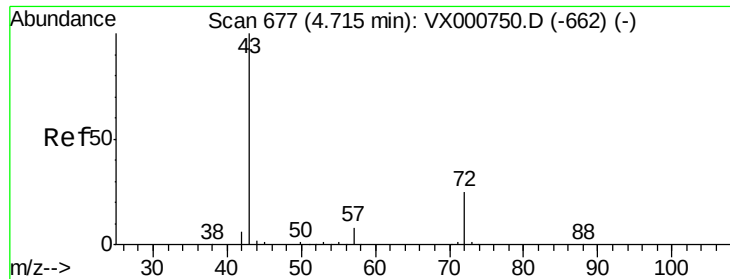
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 264.74 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 503920

Ion Ratio Lower Upper

43 100

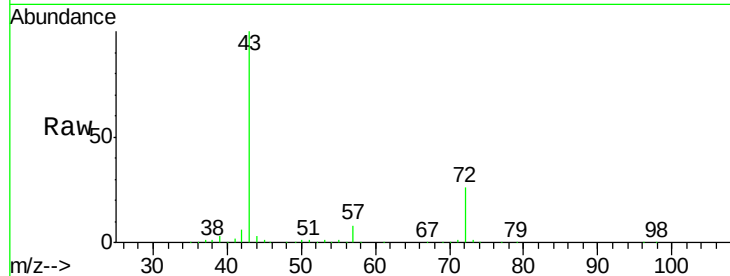
72 25.7 20.3 30.5

Manual Integrations

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MMDadoda

4/16/2018 12:51:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

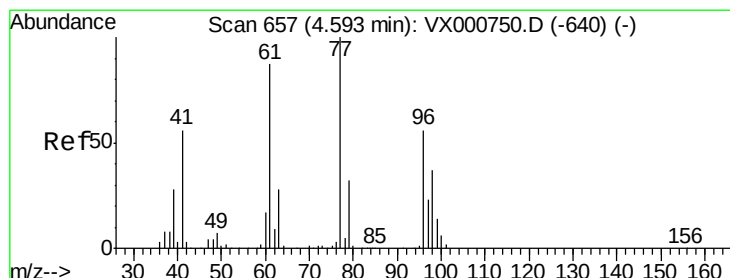
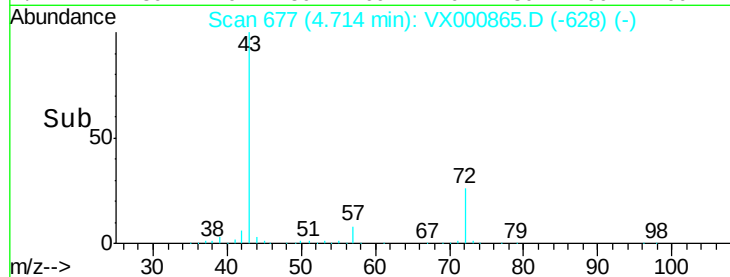
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.09 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000865.D

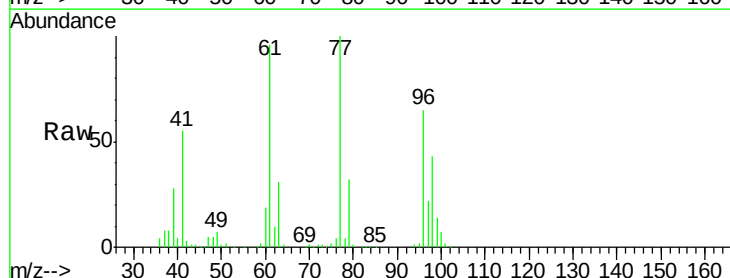
Acq: 14 Apr 2018 10:18

Tgt Ion: 77 Resp: 226043

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

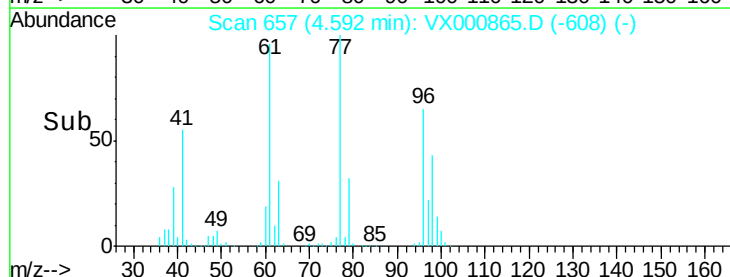
60000

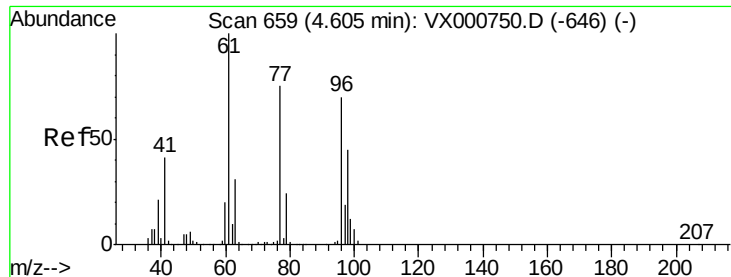
40000

20000

0

Time-->





#27

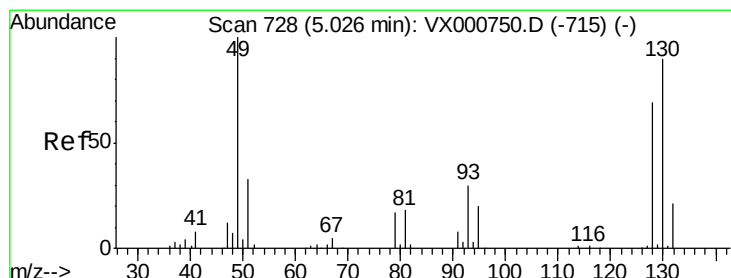
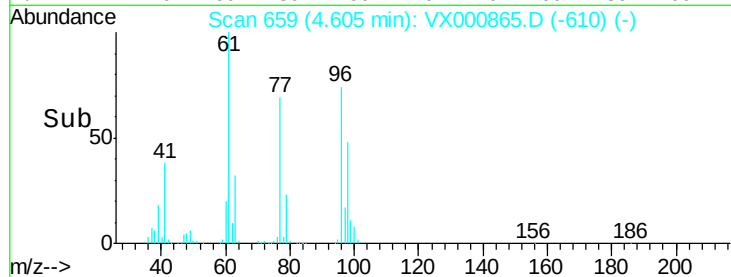
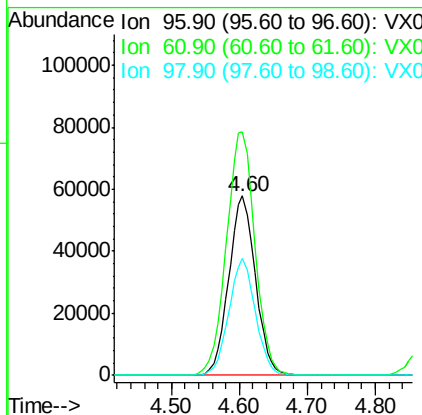
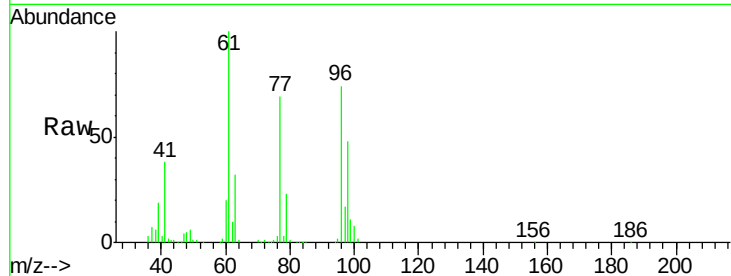
cis-1,2-Dichloroethene
Concen: 51.60 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157123		
61	145.1	0.0	292.4	
98	65.0	0.0	130.2	

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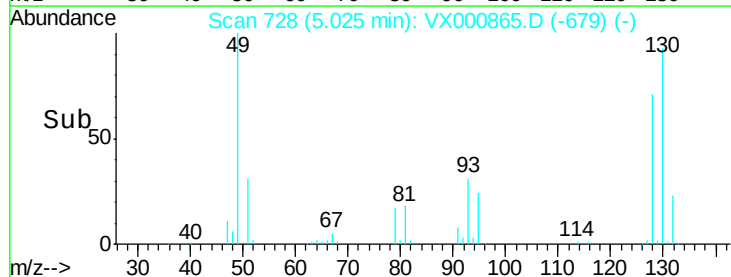
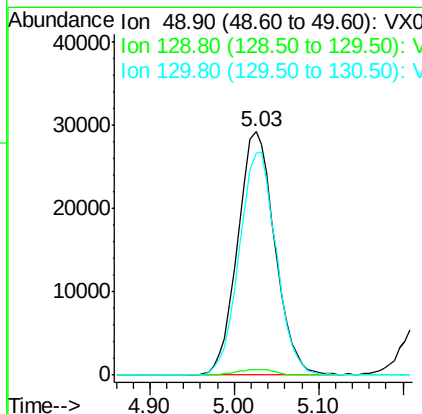
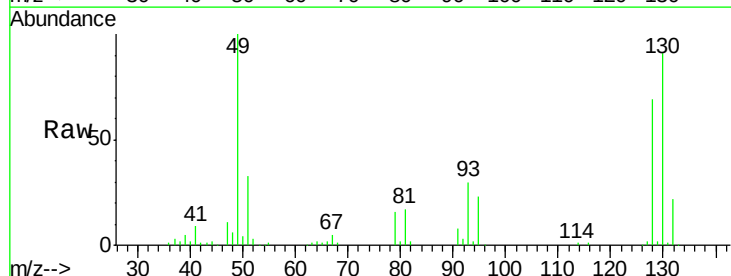
MMDadoda
4/16/2018 12:51:42 PM

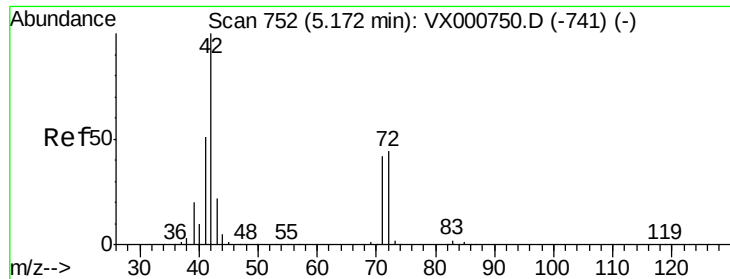


#28

Bromochloromethane
Concen: 46.84 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87504		
129	2.4	0.0	5.2	
130	90.8	72.6	109.0	





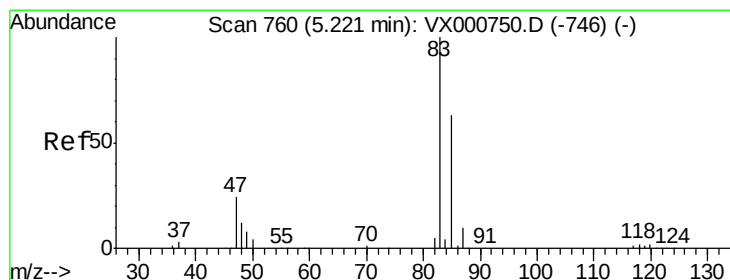
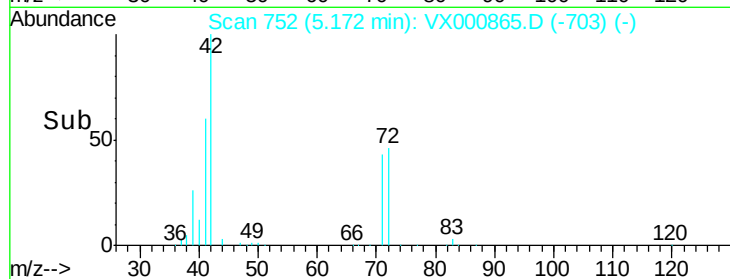
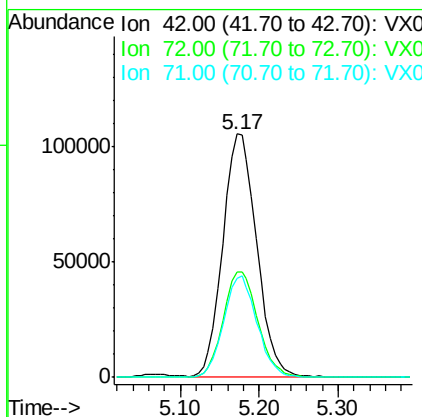
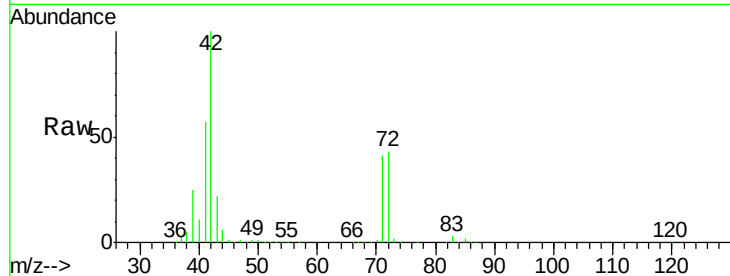
#29
Tetrahydrofuran
Concen: 260.17 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.1	52.7
71	41.2	32.8	49.2

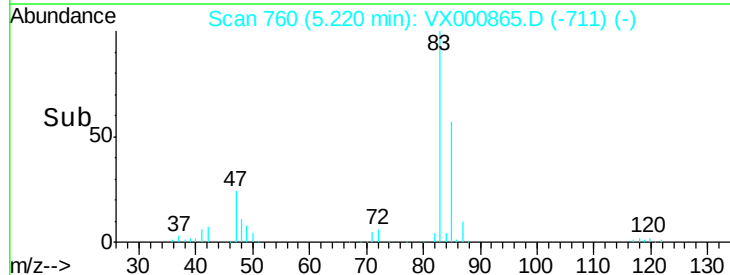
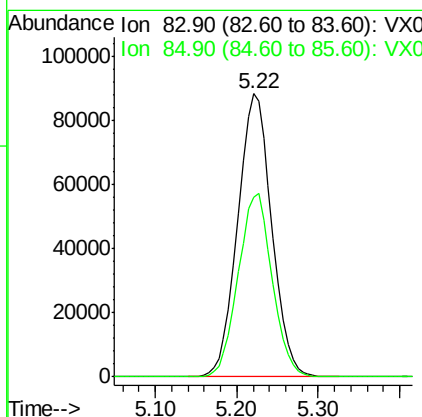
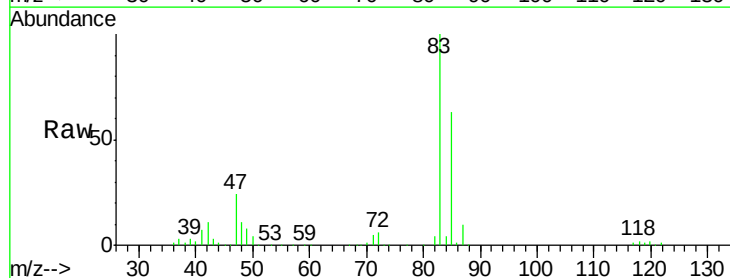
Manual Integrations
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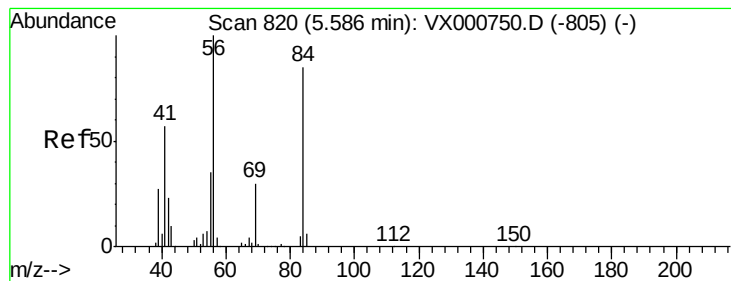
MMDadoda
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#30
Chloroform
Concen: 52.15 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.7	76.1





#31

Cyclohexane

Concen: 50.25 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

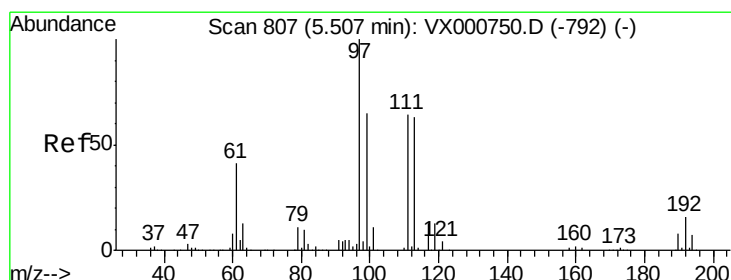
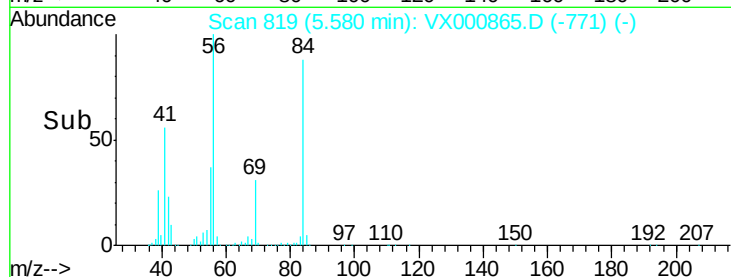
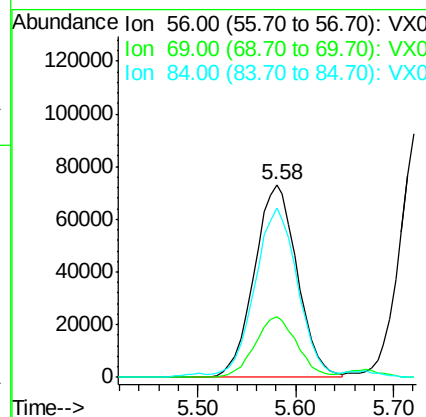
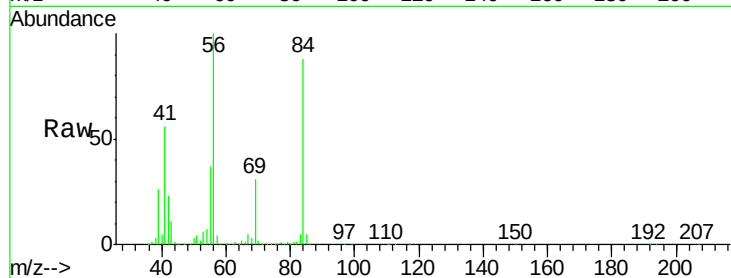
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	221373
Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.2	36.4
84	86.6	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.43 ug/l

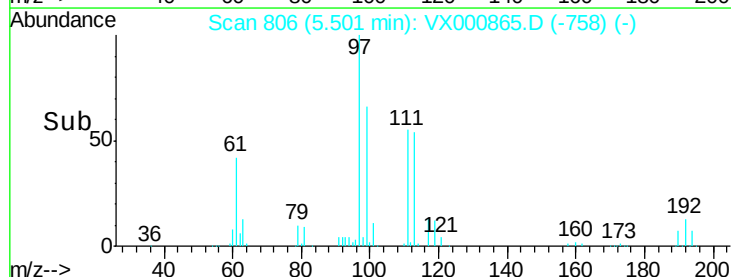
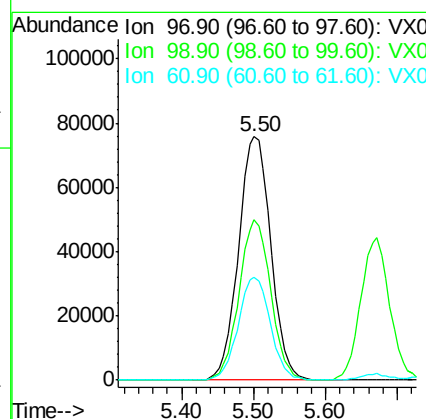
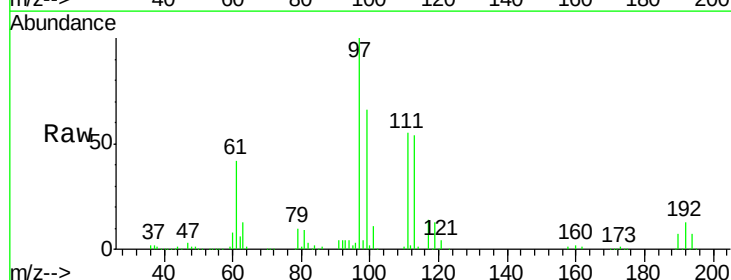
RT: 5.50 min Scan# 806

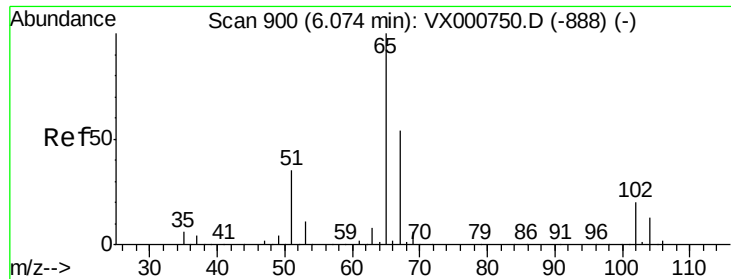
Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	97	Resp:	235984
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.1	33.7	50.5





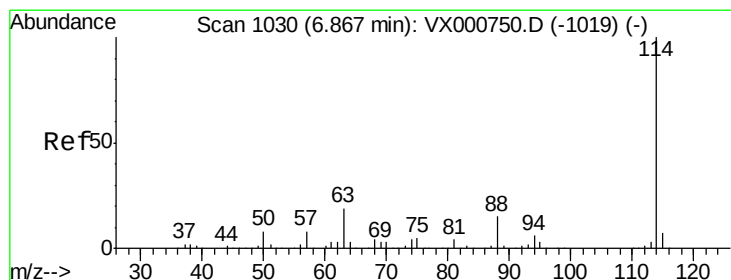
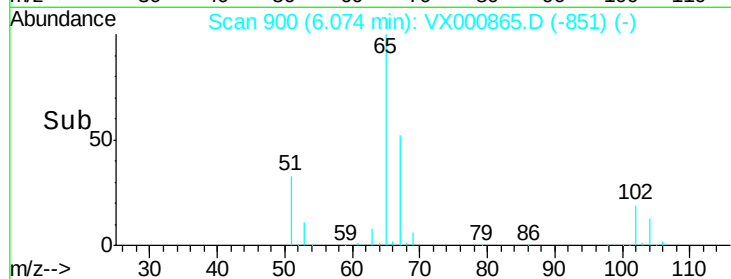
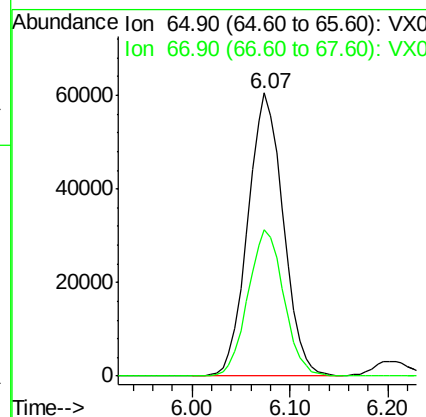
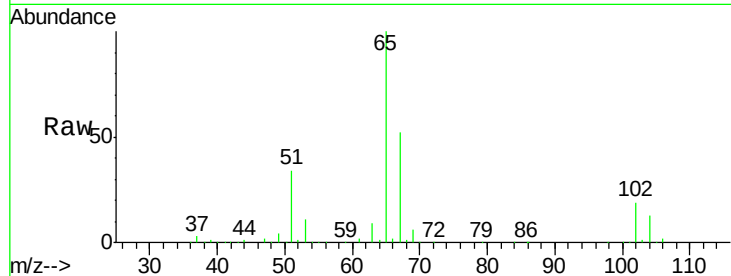
#33
 1,2-Dichloroethane-d4
 Concen: 45.75 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152927		
67	52.2	0.0	103.8	

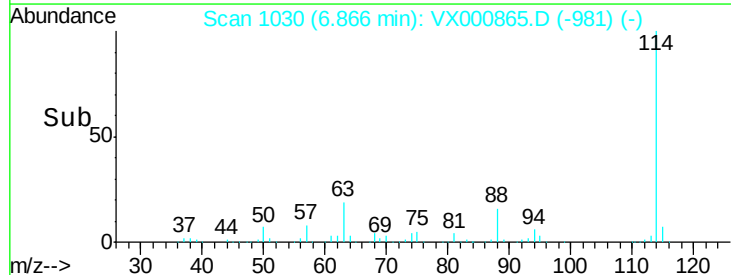
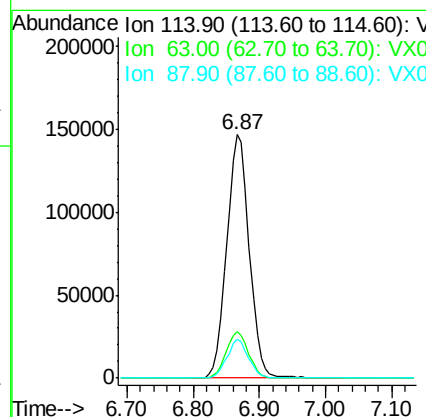
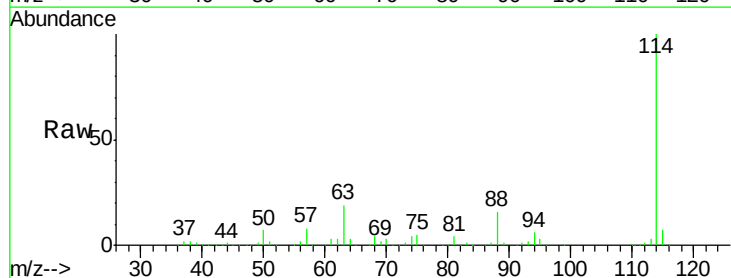
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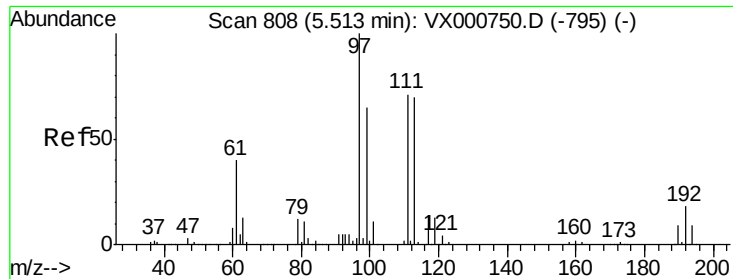
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	346069		
63	19.3	0.0	38.4	
88	15.9	0.0	31.0	





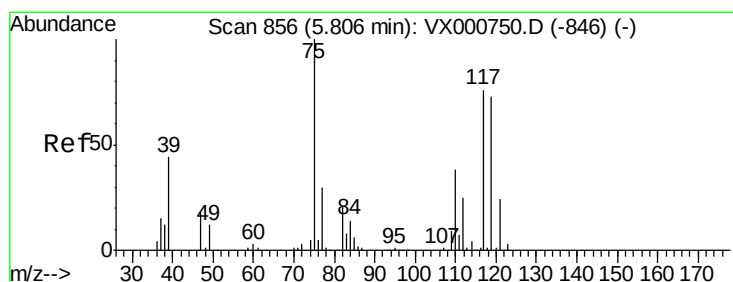
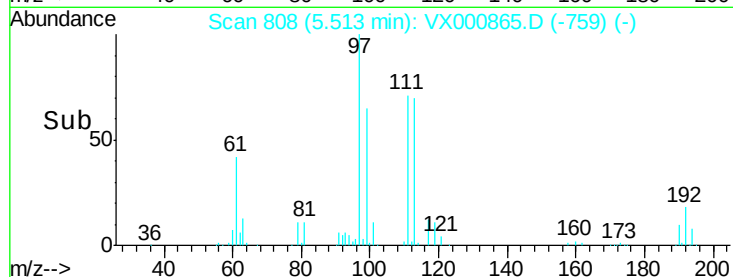
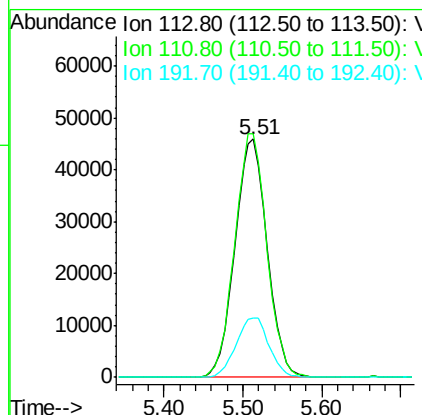
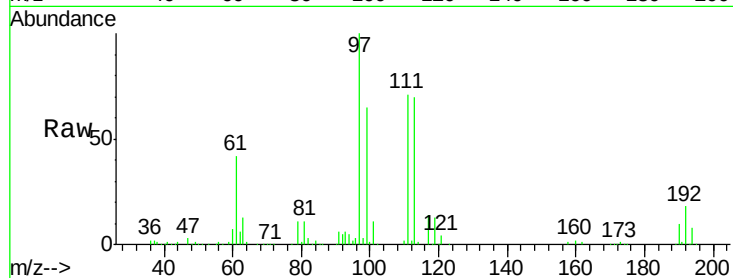
#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130472		
111	101.7	81.5	122.3	
192	25.7	20.4	30.6	

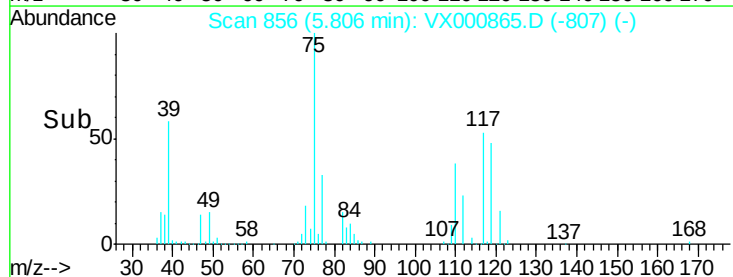
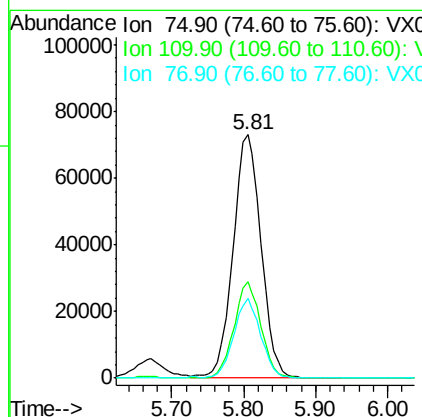
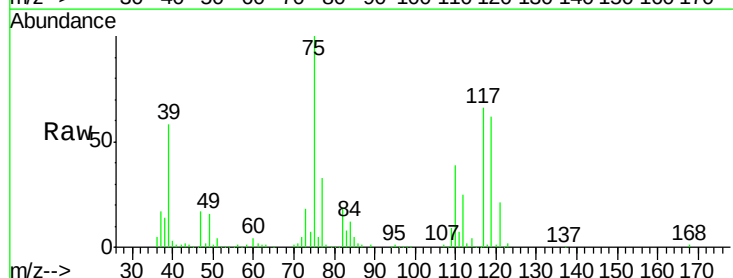
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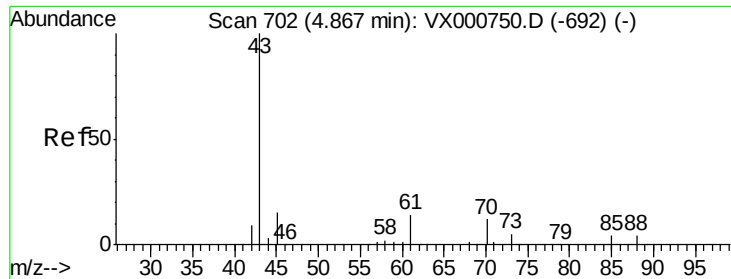
MMDadoda
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#36
1,1-Dichloropropene
Concen: 51.57 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196561		
110	38.0	19.2	57.6	
77	31.2	25.4	38.2	





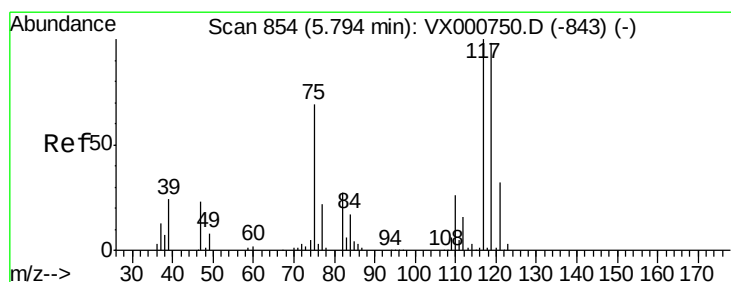
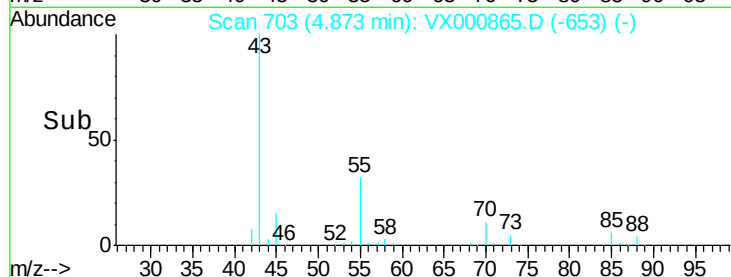
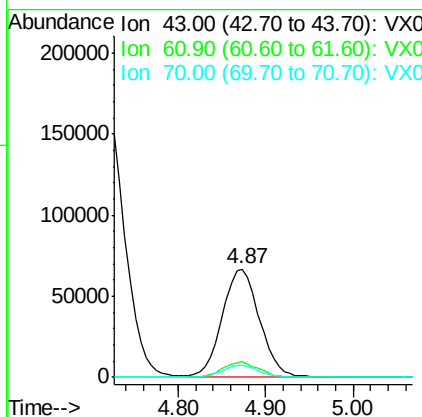
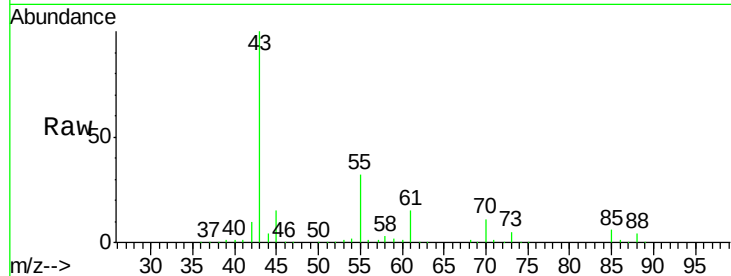
#37
Ethyl Acetate
Concen: 52.71 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.1	8.7	13.1

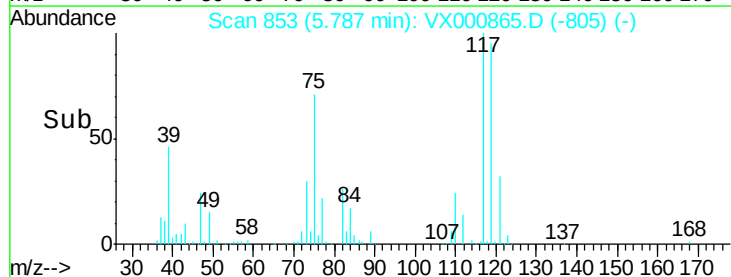
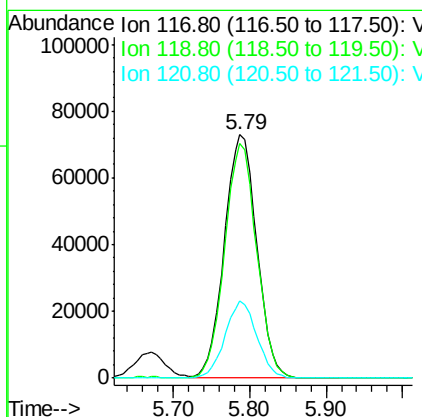
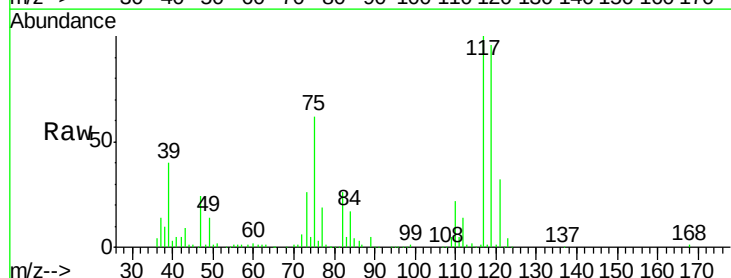
Manual Integrations
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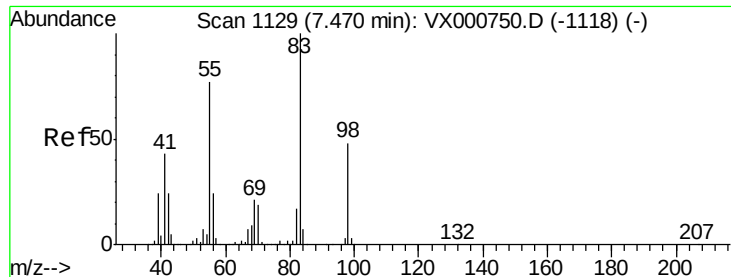
MMDadoda
4/16/2018 12:51:42 PM



#38
Carbon Tetrachloride
Concen: 50.15 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.4	117.6
121	31.9	25.4	38.0





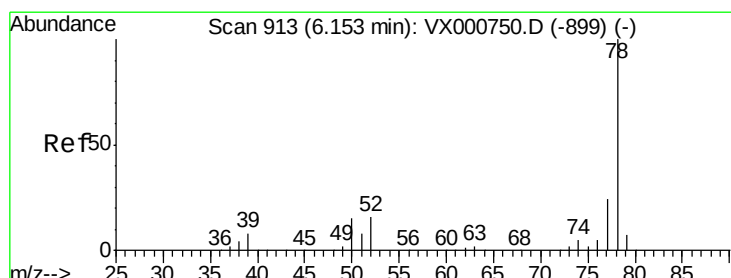
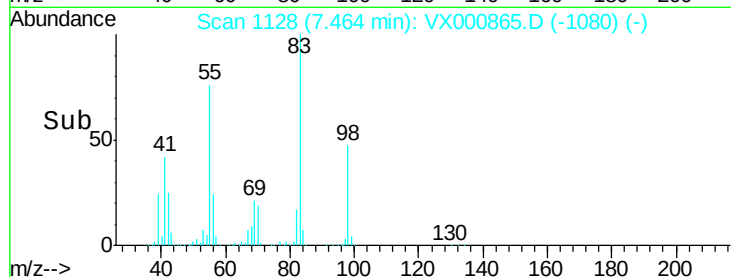
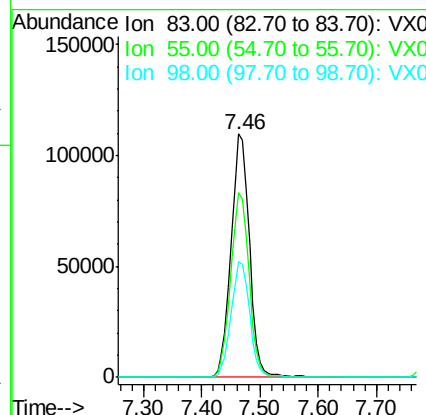
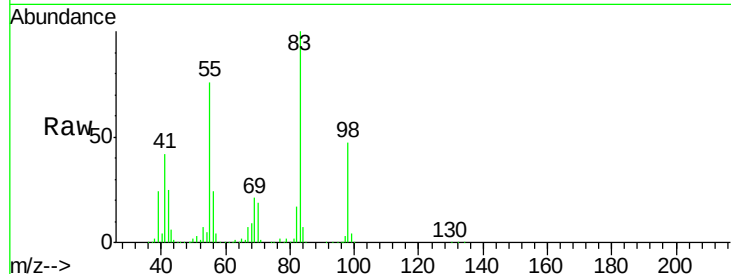
#39
Methylvlcyclohexane
Concen: 53.00 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	242557		
55	76.0		61.5	92.3
98	47.4		38.1	57.1

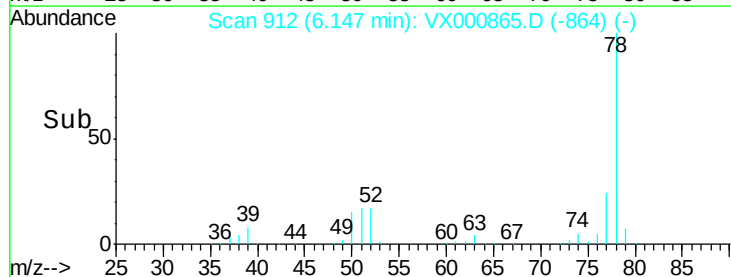
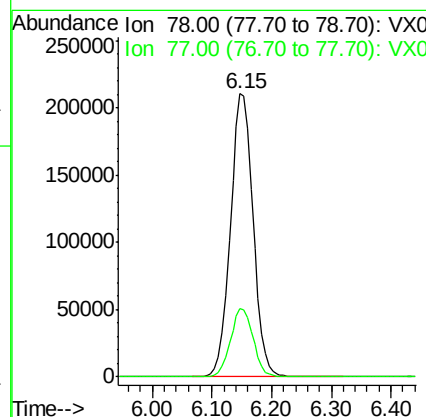
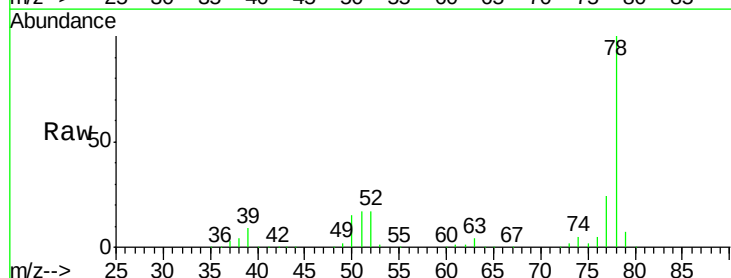
Manual Integrations
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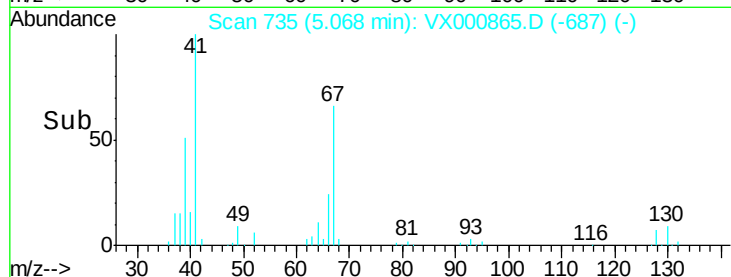
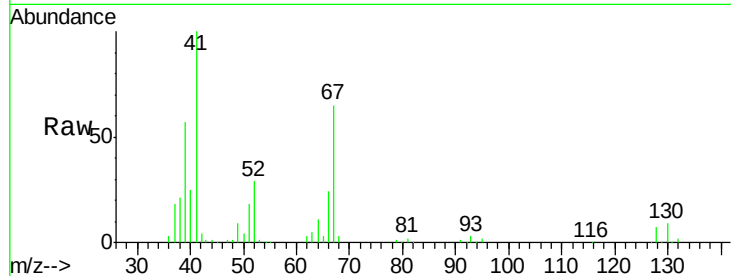
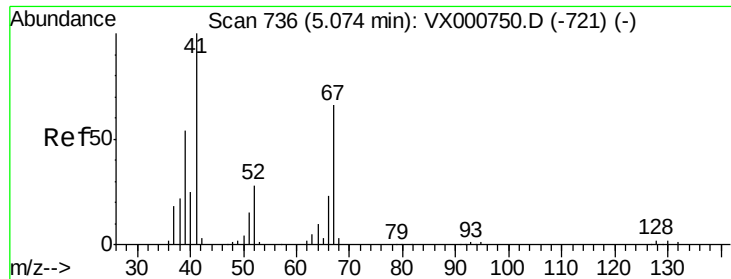
MMDadoda
4/16/2018 12:51:42 PM



#40
Benzene
Concen: 52.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	556660		
77	24.1		19.0	28.6





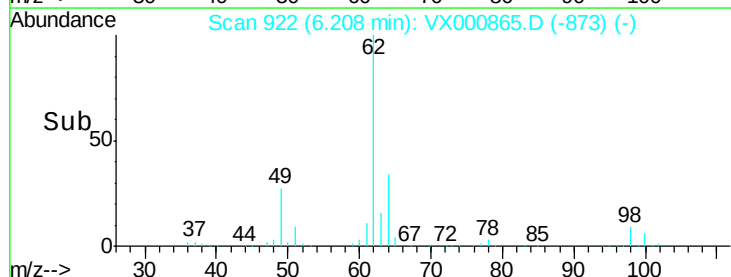
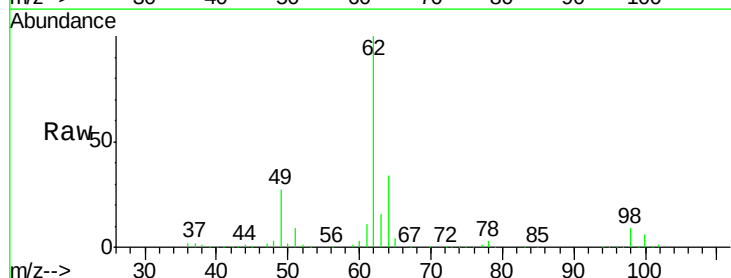
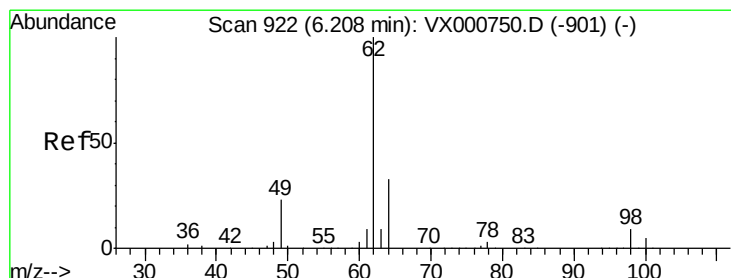
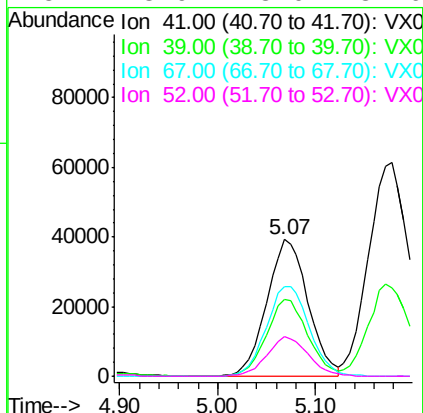
#41
Methacrylonitrile
Concen: 53.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.9	44.9	67.3		
67	68.6	54.7	82.1		
52	28.9	23.0	34.6		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

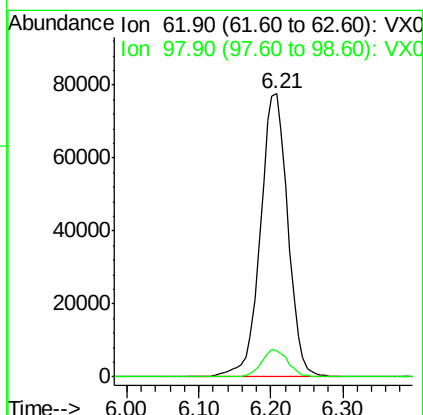
Manual Integrations
APPROVED

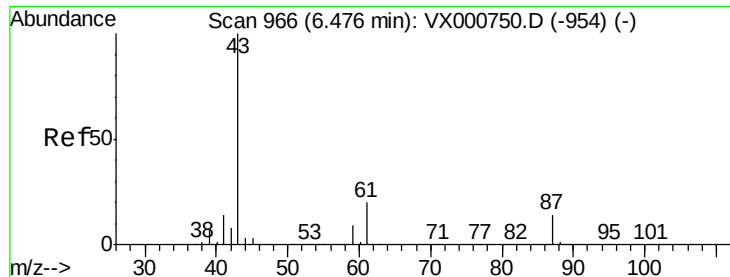
MMDadoda
4/16/2018 12:51:42 PM



#42
1,2-Dichloroethane
Concen: 52.01 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

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





#43

Isopropyl Acetate

Concen: 52.22 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

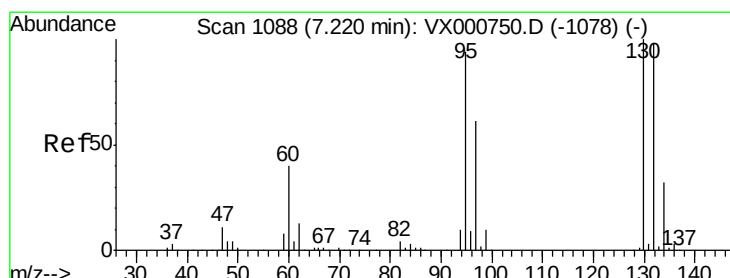
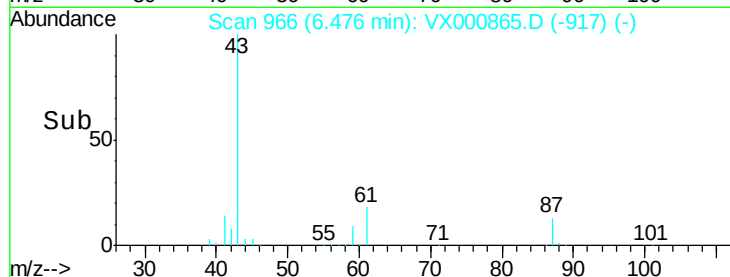
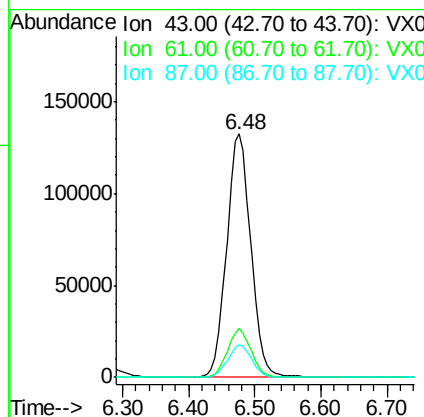
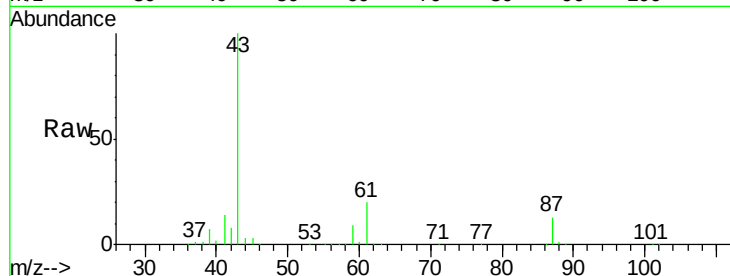
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	333119
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.6	23.4
87	13.3	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 52.45 ug/l

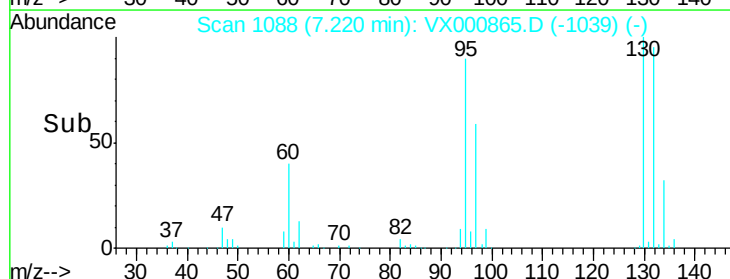
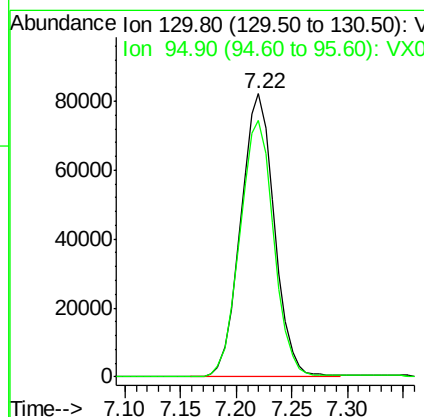
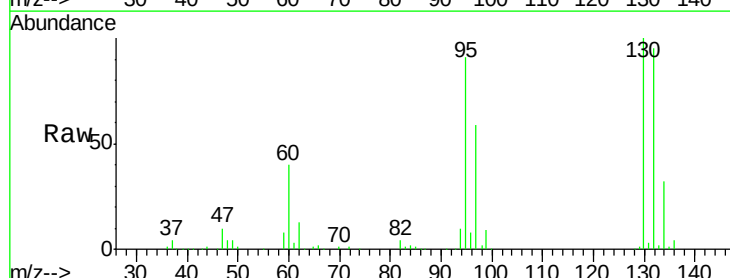
RT: 7.22 min Scan# 1088

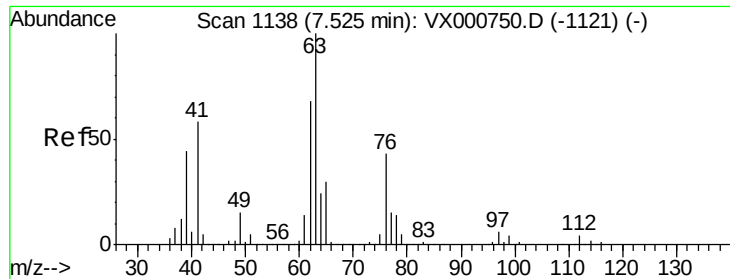
Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	130	Resp:	172737
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	187.0





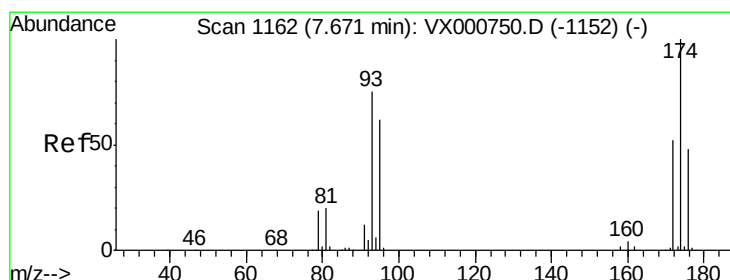
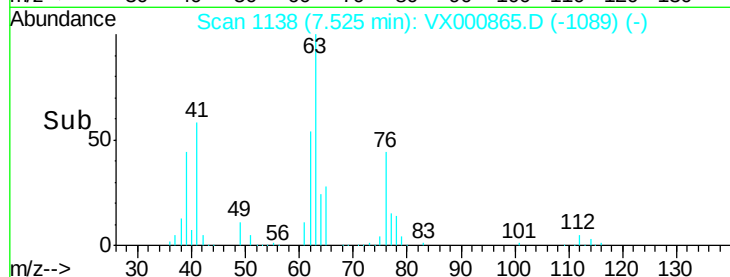
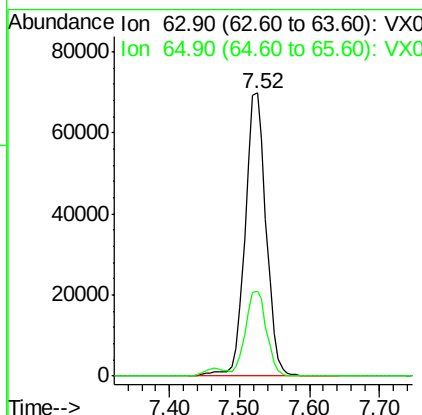
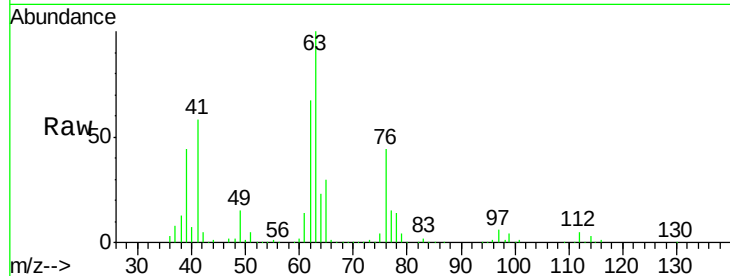
#45
 1,2-Dichloropropane
 Concen: 53.88 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 145296
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.7 35.5

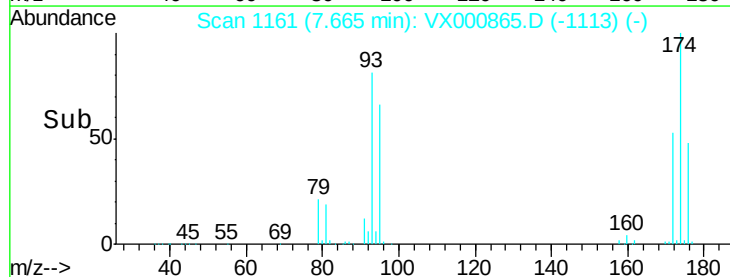
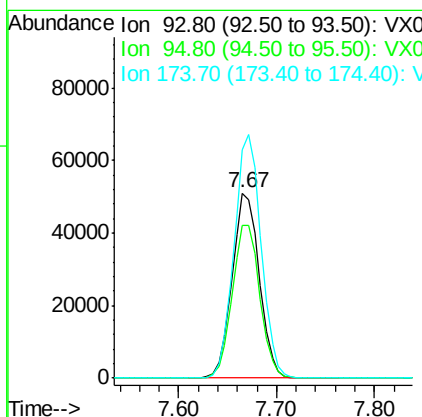
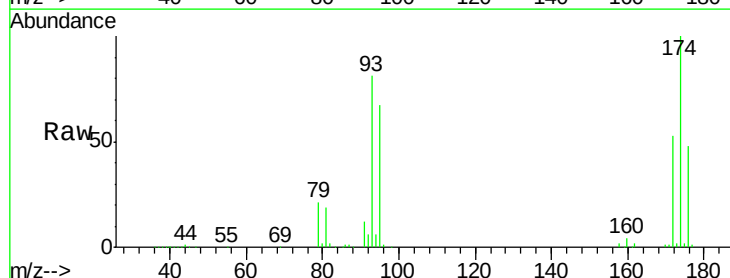
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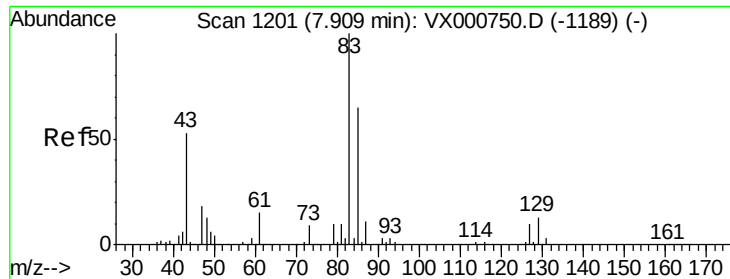
MMDadoda
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#46
 Dibromomethane
 Concen: 52.28 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion: 93 Resp: 98295
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 130.9 104.5 156.7





#47

Bromodichloromethane

Concen: 51.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

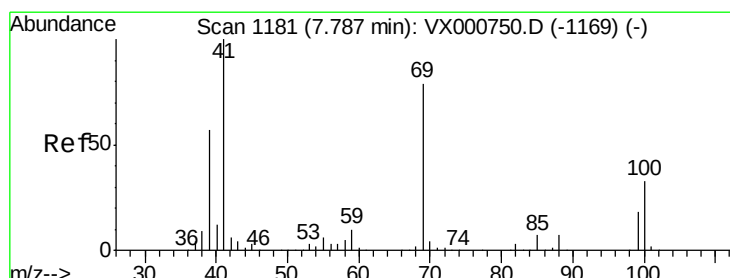
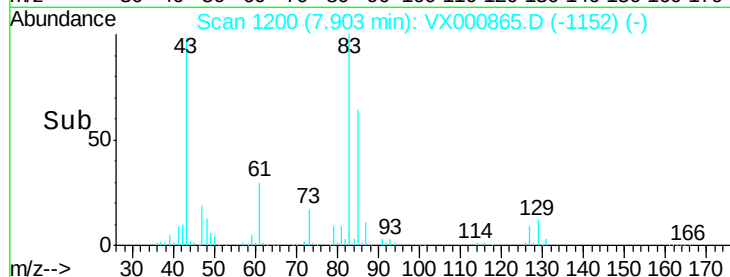
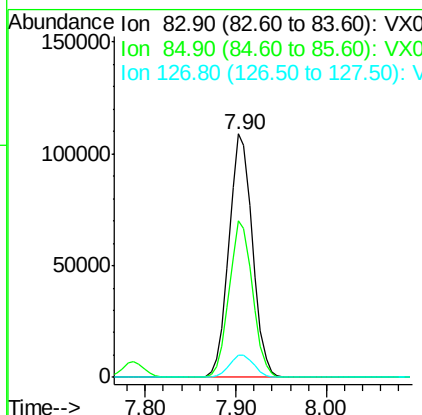
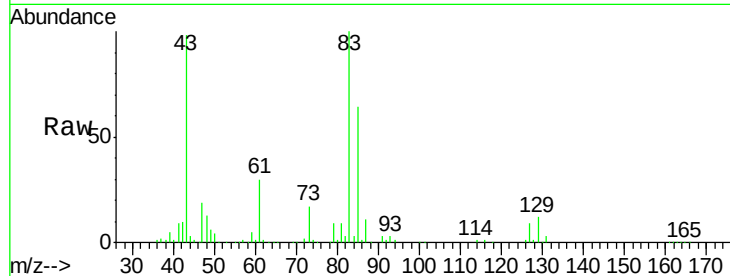
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	195829
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.2	78.4
127	8.9	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.82 ug/l

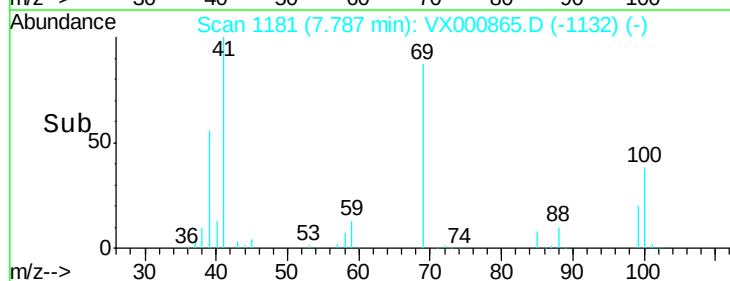
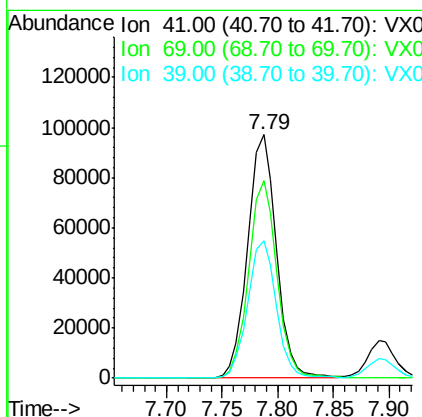
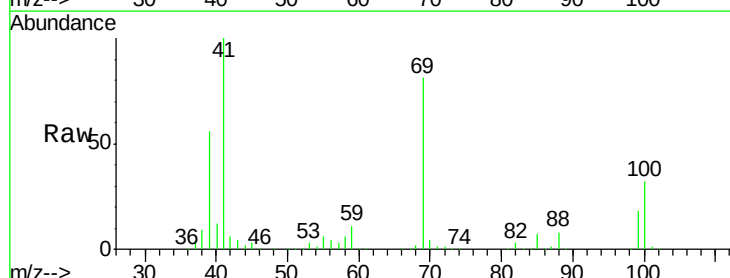
RT: 7.79 min Scan# 1181

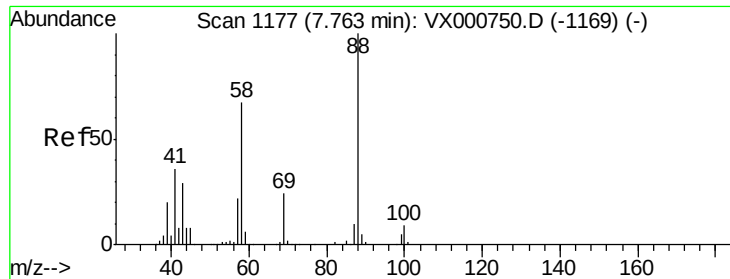
Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	41	Resp:	174653
Ion Ratio	Lower	Upper	
41	100		
69	80.5	63.9	95.9
39	56.4	45.9	68.9





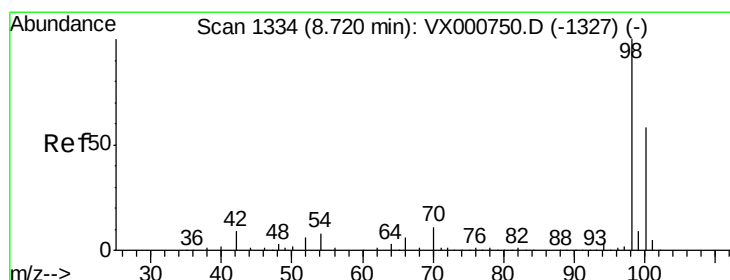
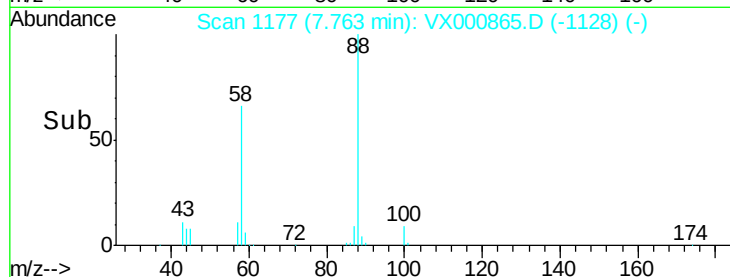
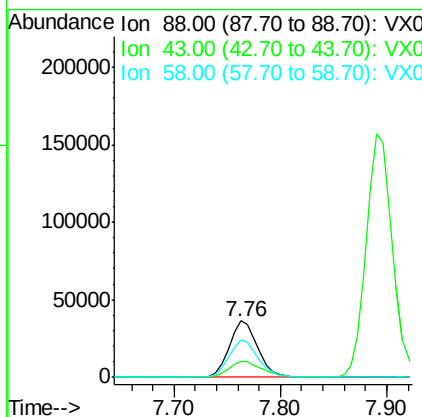
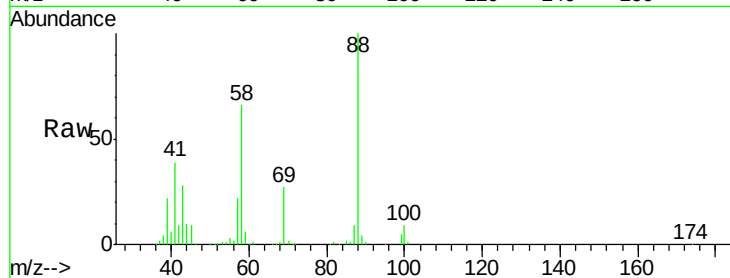
#49
1,4-Dioxane
Concen: 1017.57 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.8	38.8
58	68.7	54.4	81.6

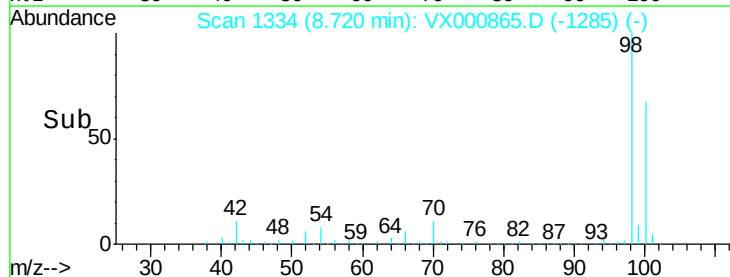
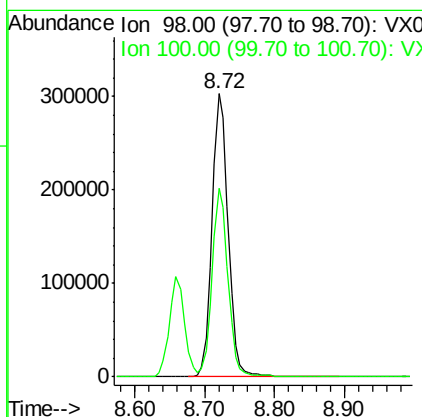
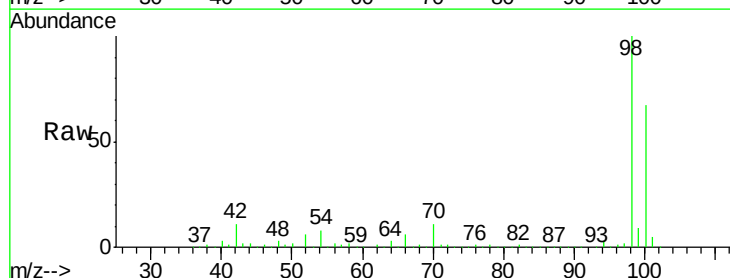
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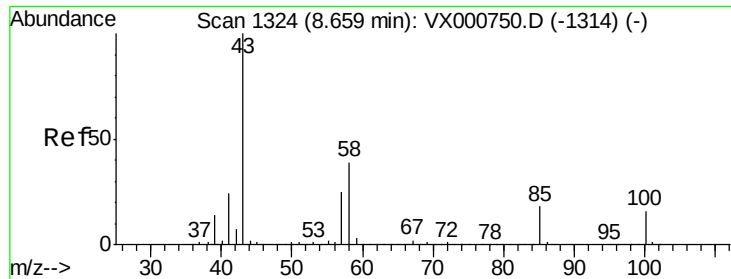
MMDadoda
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#50
Toluene-d8
Concen: 48.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 275.24 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1031350

Ion Ratio Lower Upper

43 100

58 38.6

30.3

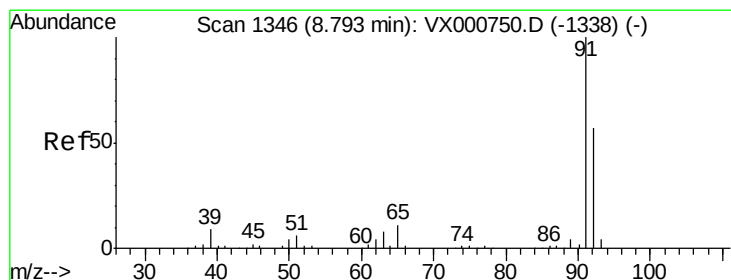
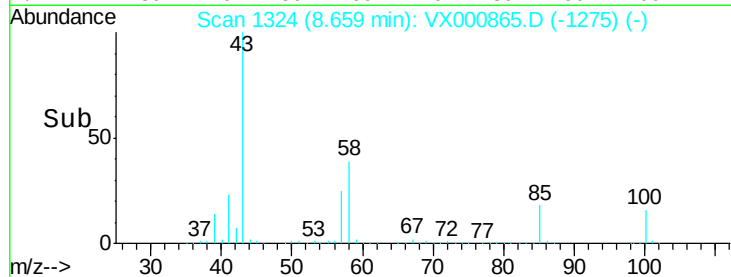
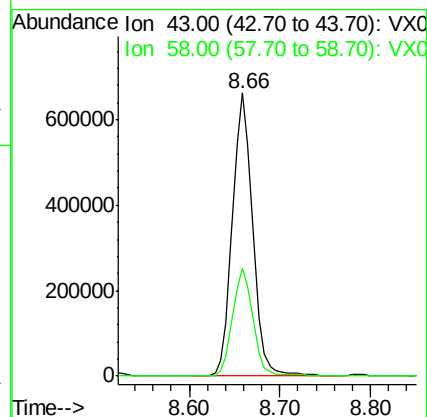
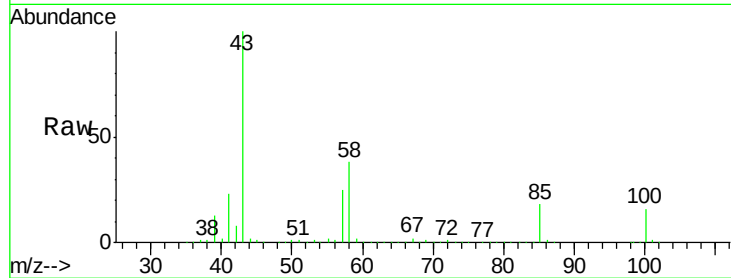
45.5

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#52

Toluene

Concen: 52.87 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion: 92 Resp: 371460

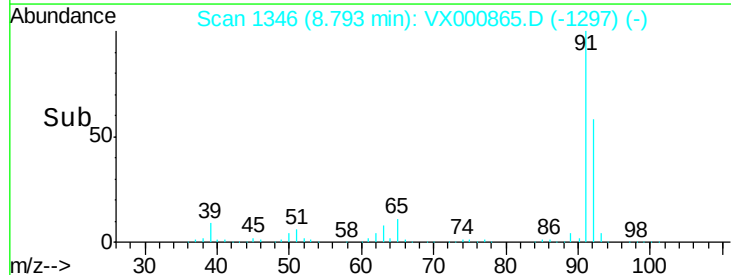
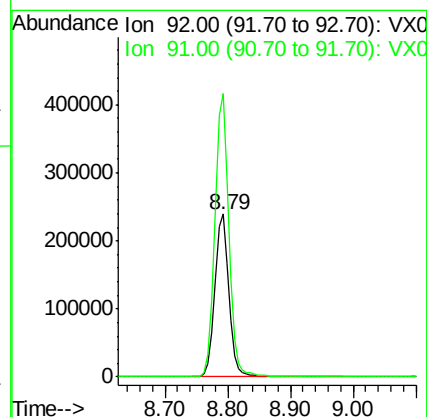
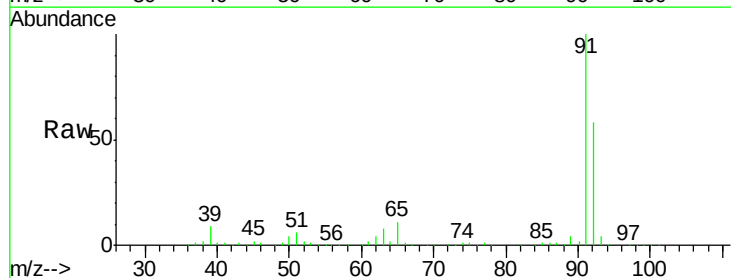
Ion Ratio Lower Upper

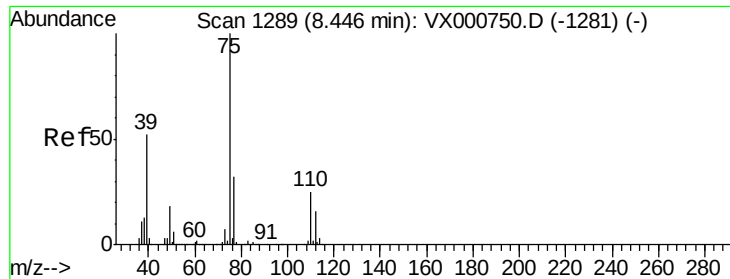
92 100

91 173.0

139.0

208.4





#53

t-1,3-Dichloropropene

Concen: 52.70 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 239874

Ion Ratio Lower Upper

75 100

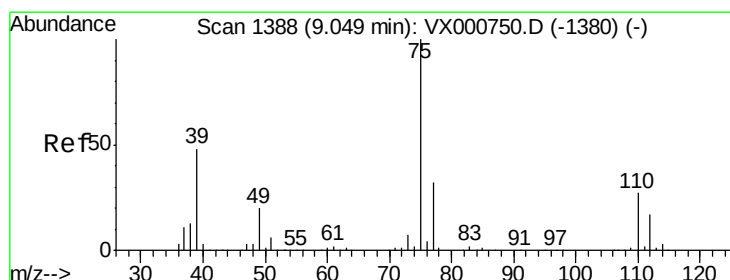
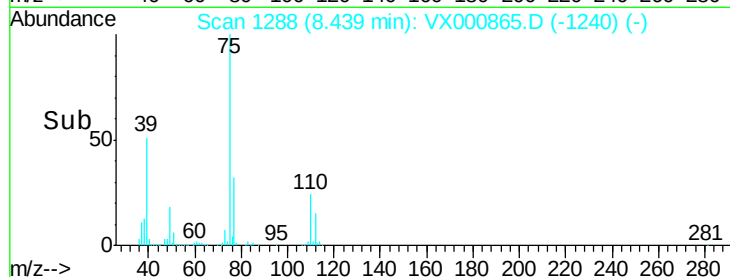
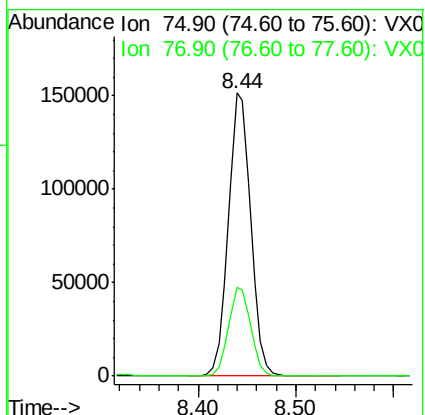
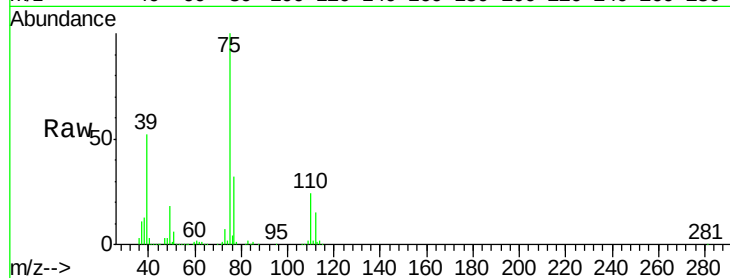
77 31.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 51.87 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

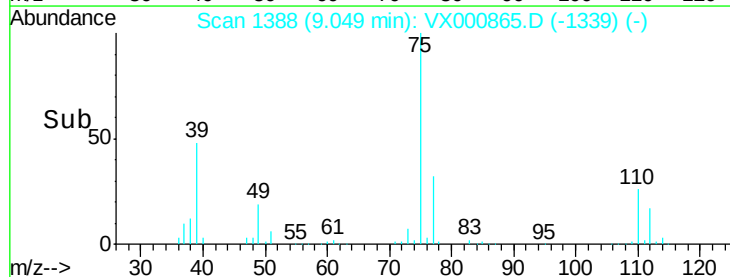
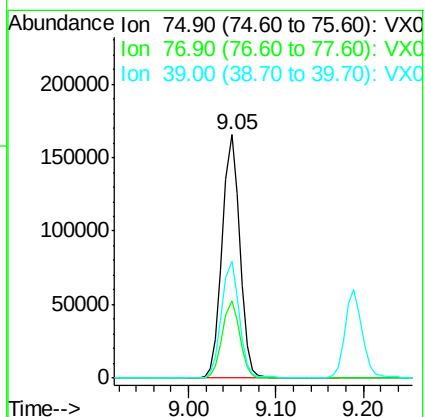
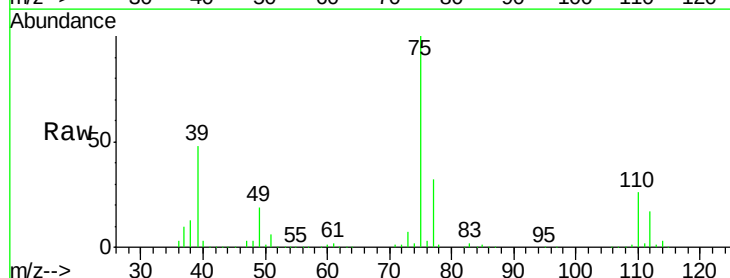
Tgt Ion: 75 Resp: 229881

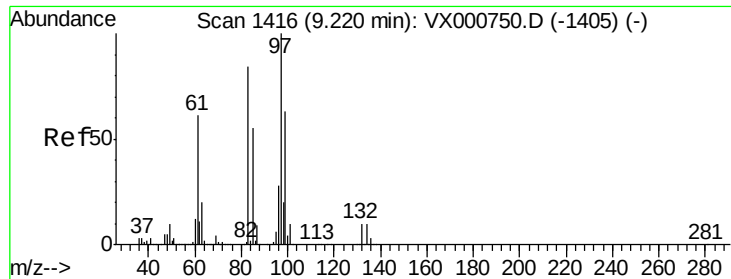
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 47.8 38.6 58.0





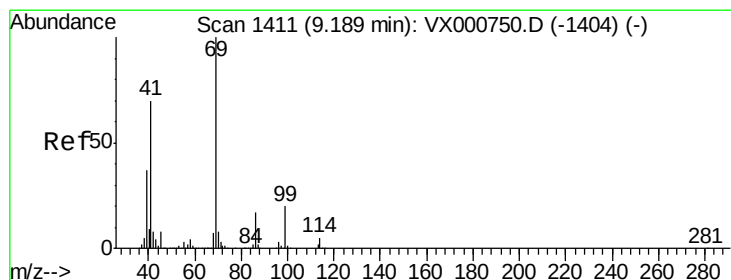
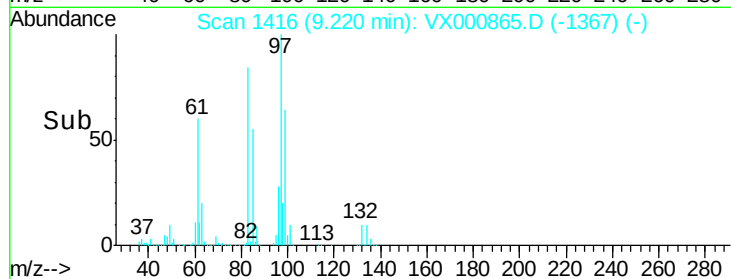
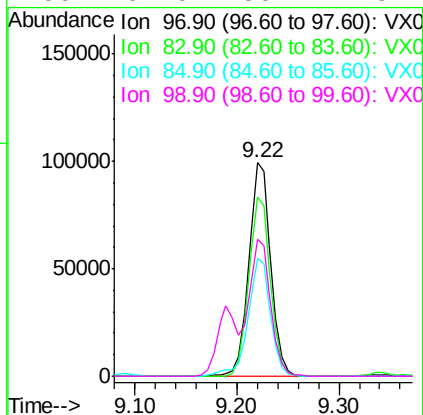
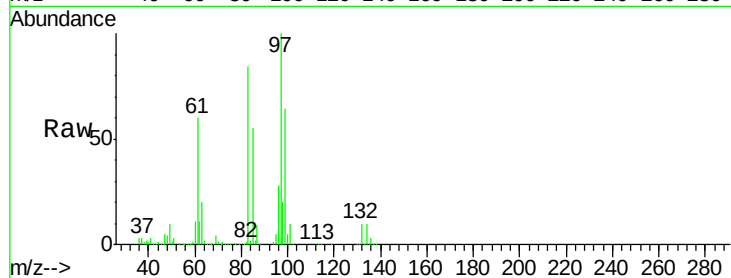
#55
 1,1,2-Trichloroethane
 Concen: 53.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	148492
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.6	101.4
85	55.4	43.8	65.6
99	64.0	50.2	75.4

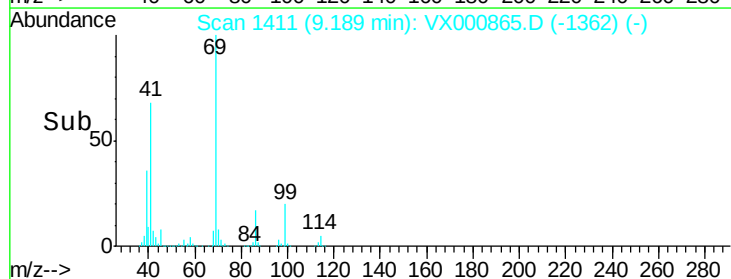
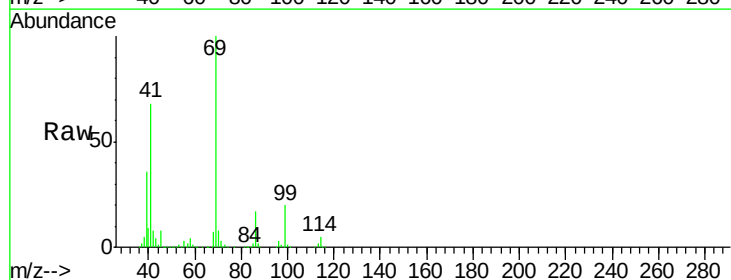
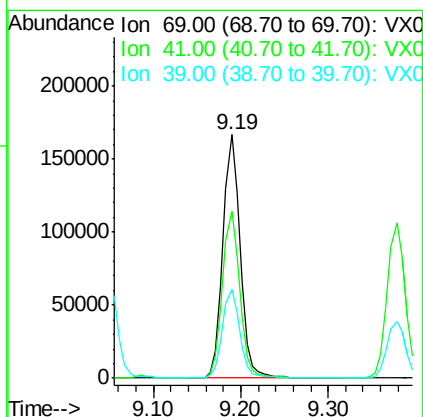
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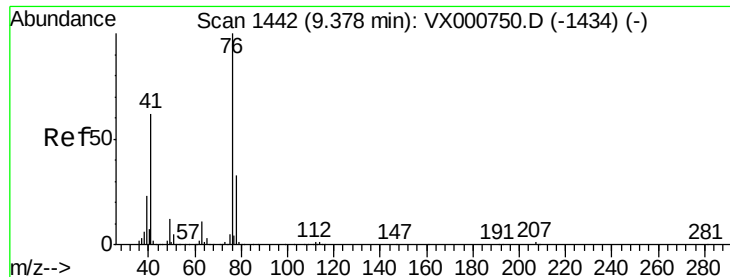
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#56
 Ethyl methacrylate
 Concen: 53.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion:	69	Resp:	228030
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.6	83.4
39	36.6	30.3	45.5





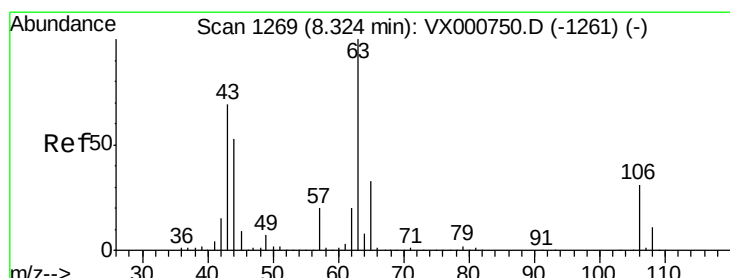
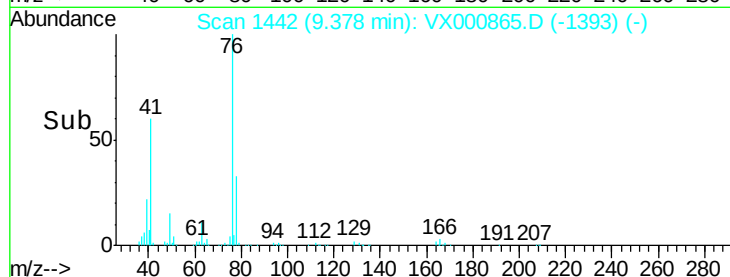
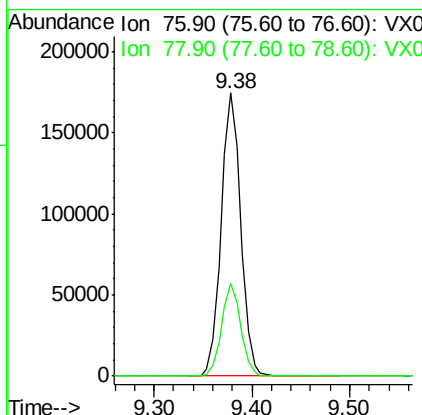
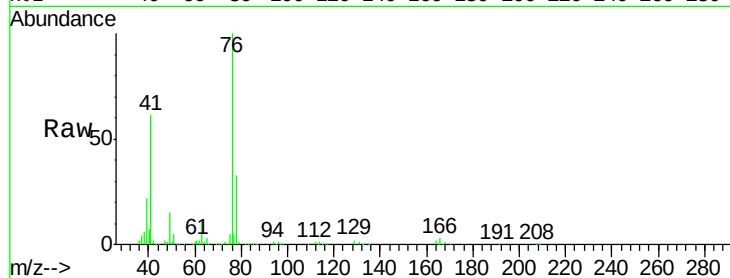
#57
 1,3-Dichloropropane
 Concen: 54.67 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

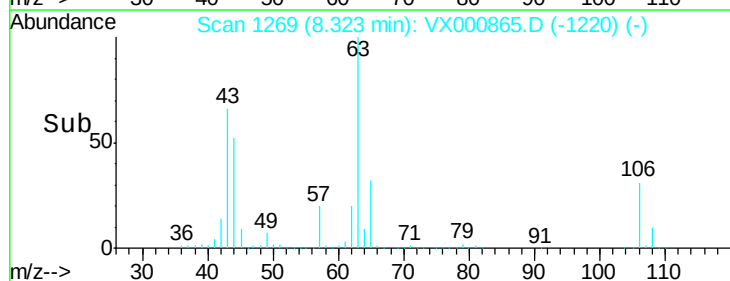
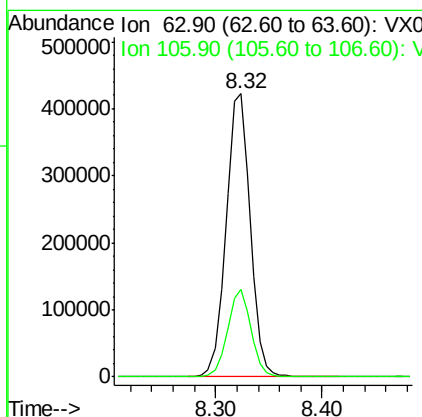
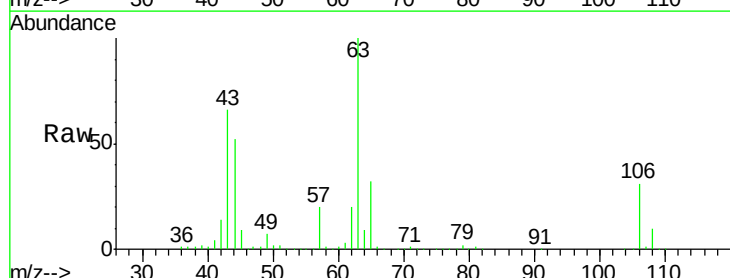
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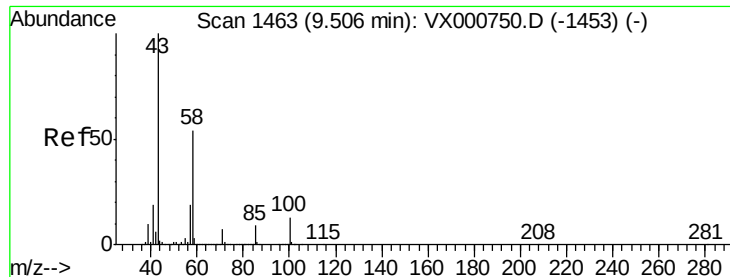
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 332.35 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.3	36.5





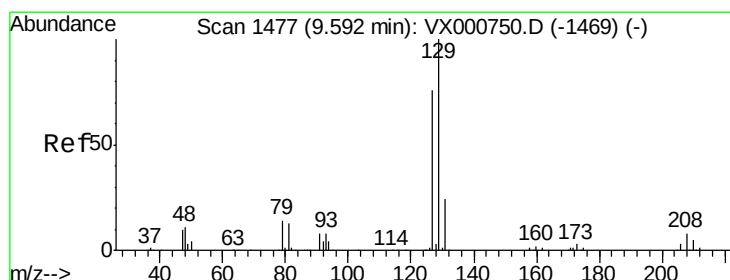
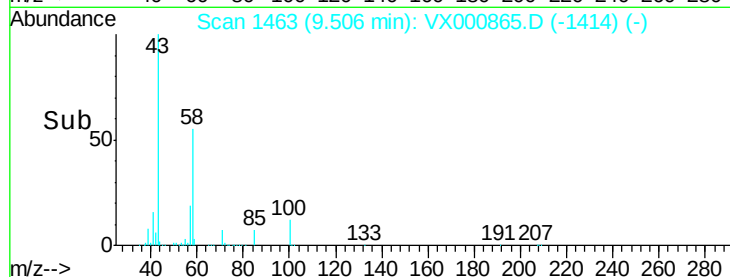
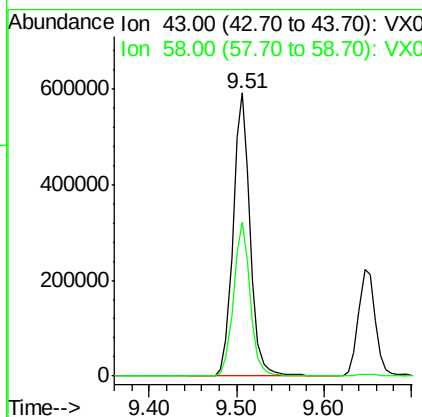
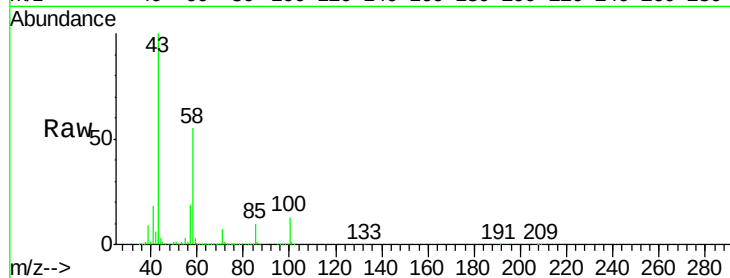
#59
2-Hexanone
Concen: 277.63 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	26.5	79.5

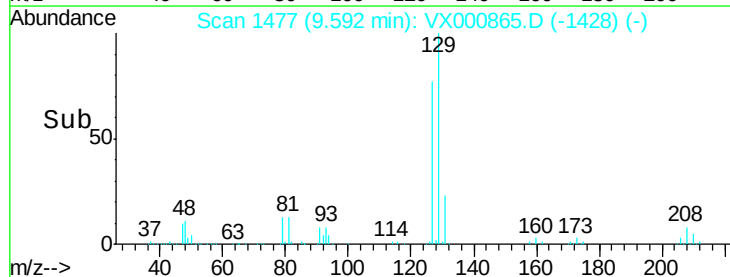
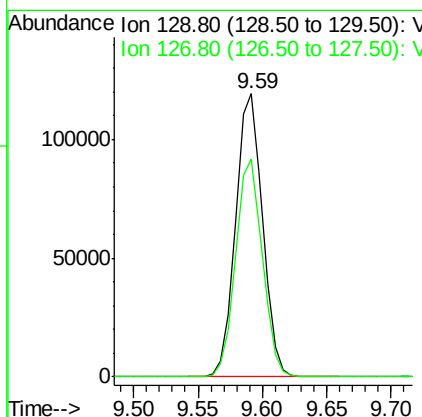
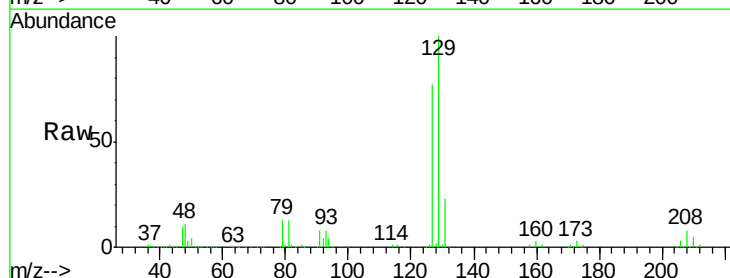
Manual Integrations
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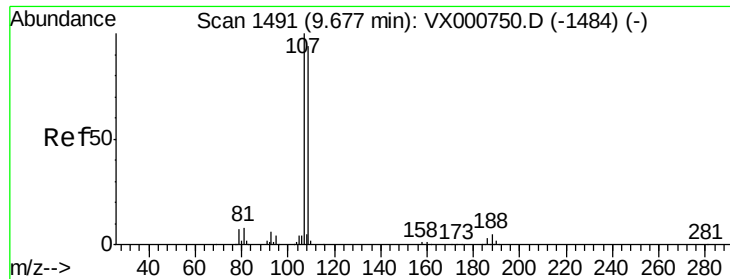
MMDadoda
4/16/2018 12:51:42 PM



#60
Dibromochloromethane
Concen: 51.82 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.4	115.1





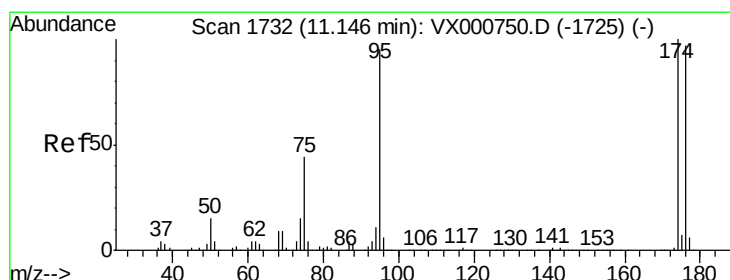
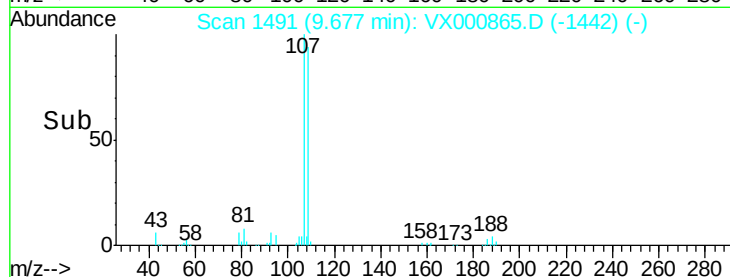
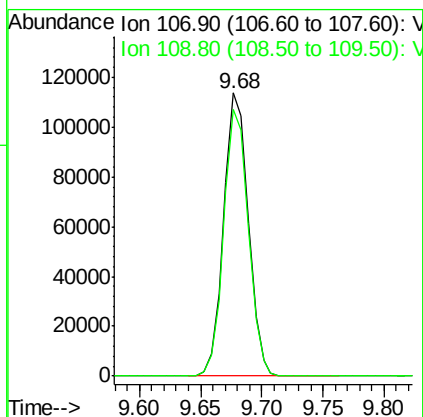
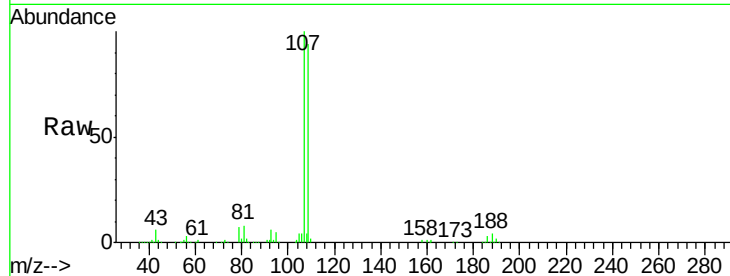
#61
 1,2-Dibromoethane
 Concen: 53.68 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	158822		
109	94.8	76.2	114.4	

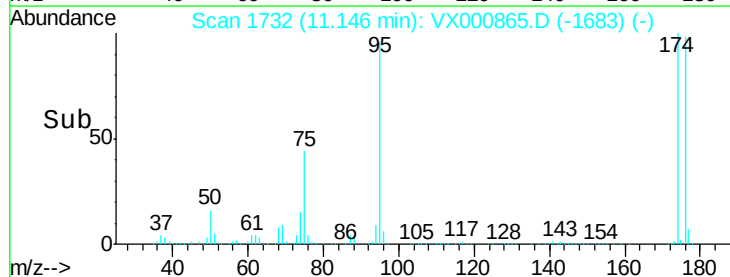
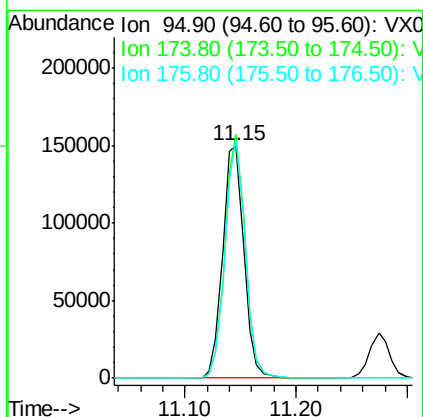
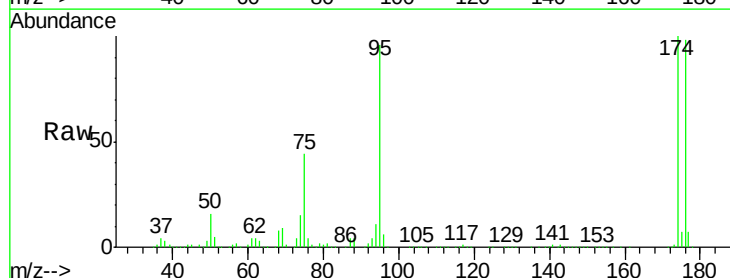
Manual Integrations
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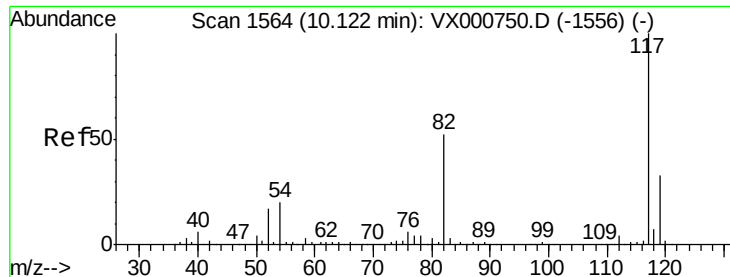
MMDadoda
 4/16/2018 12:51:42 PM



#62
 4-Bromofluorobenzene
 Concen: 48.30 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	198386		
174	99.4	0.0	198.4	
176	97.2	0.0	194.4	





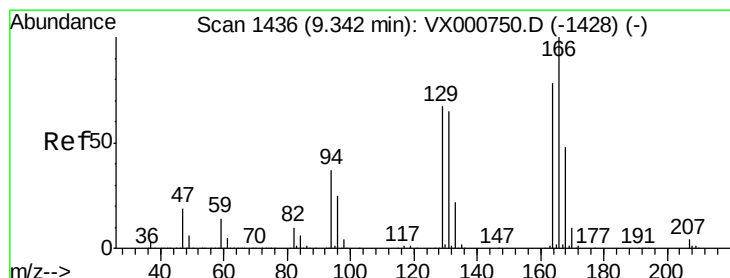
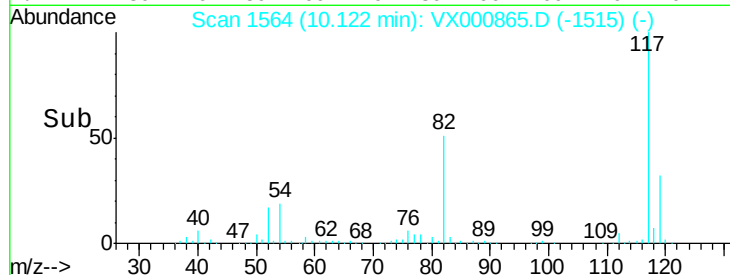
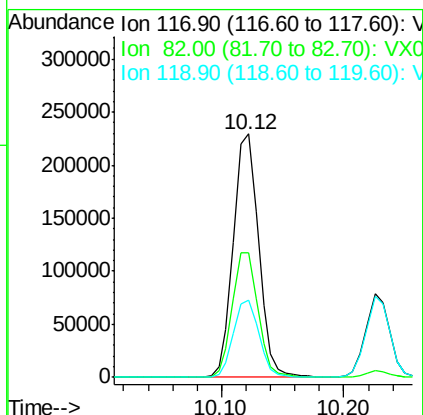
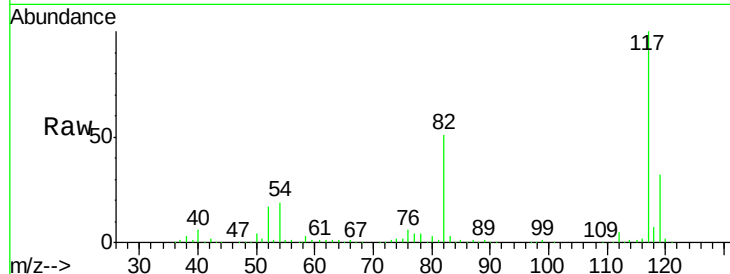
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.9	62.9
119	31.9	26.0	39.0

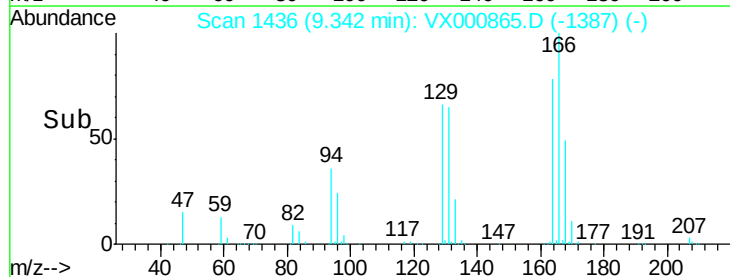
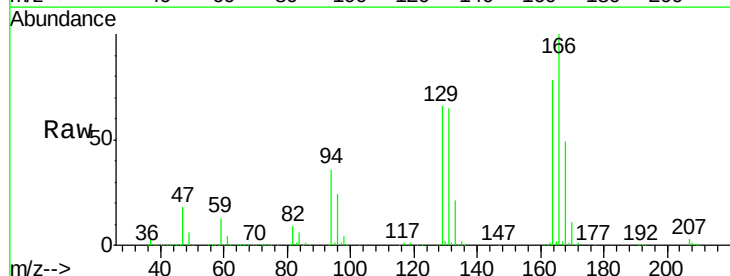
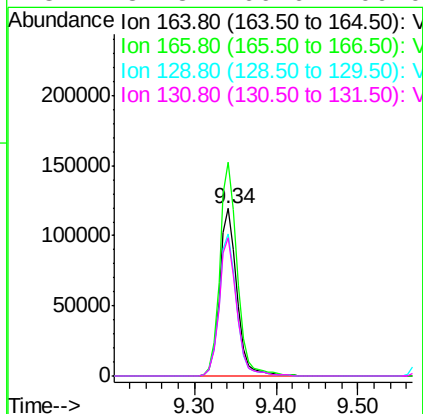
Manual Integrations
APPROVED

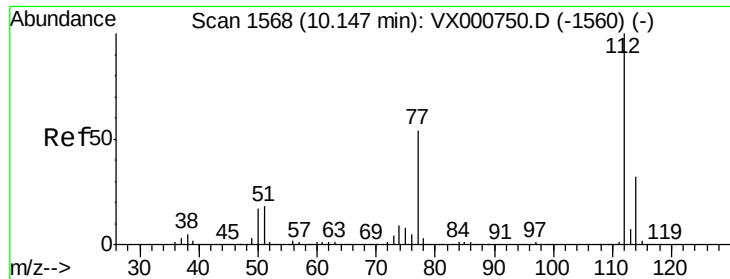
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#64
Tetrachloroethene
Concen: 55.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.8	154.2
129	84.7	68.5	102.7
131	82.8	66.6	100.0





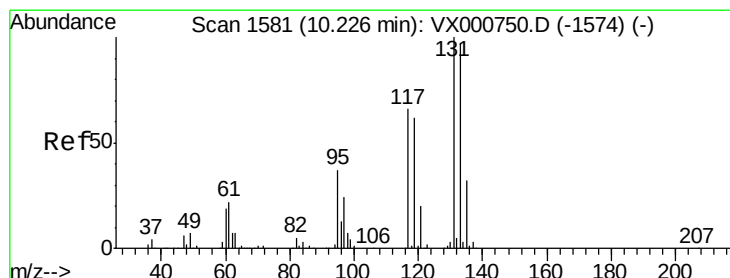
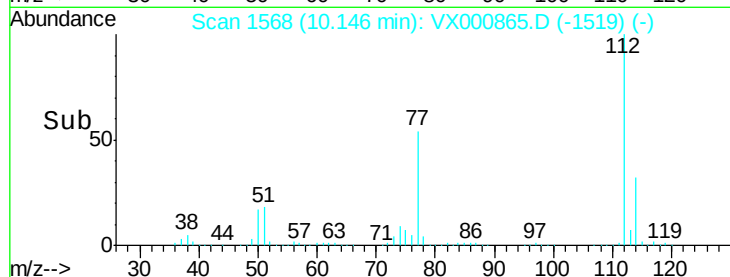
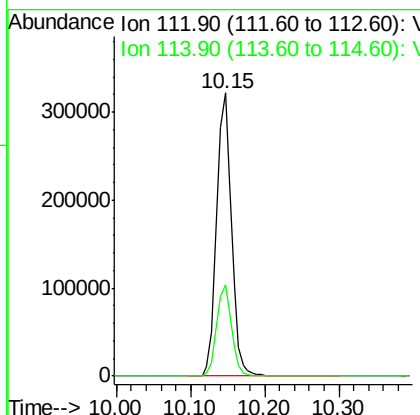
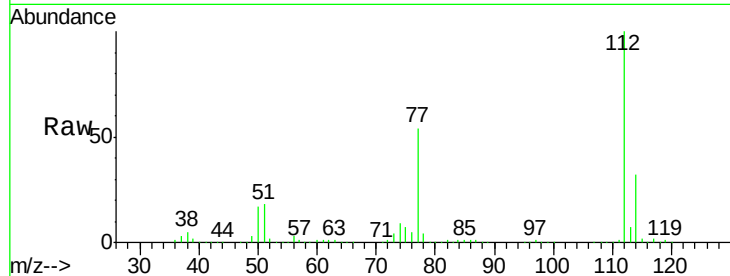
#65
Chlorobenzene
Concen: 53.22 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 441553
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

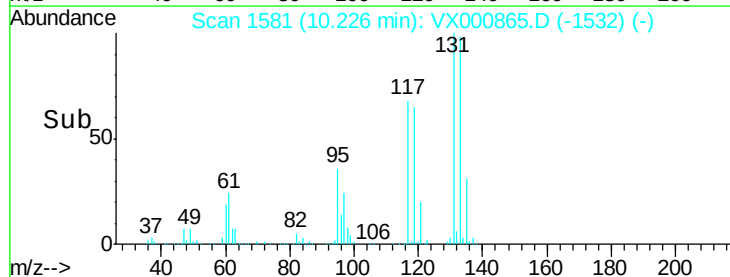
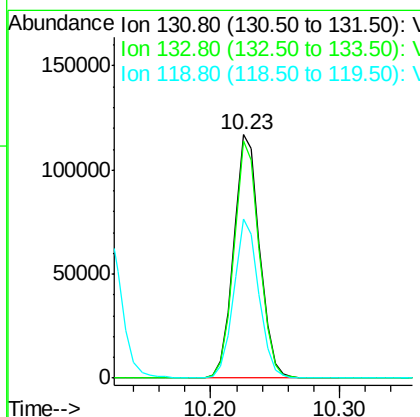
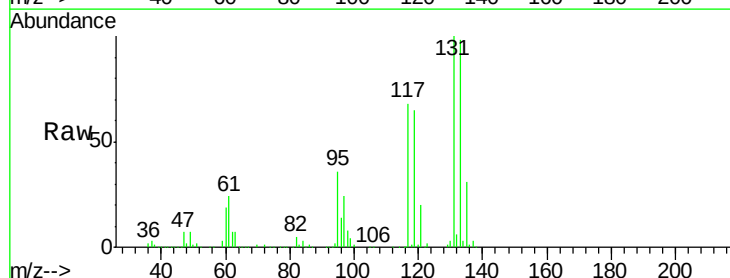
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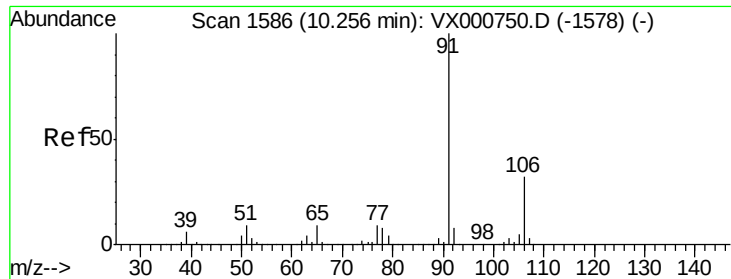
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.33 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion:131 Resp: 163414
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.9
119 63.3 31.4 94.0





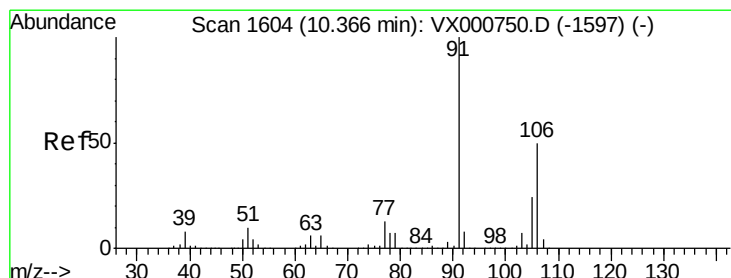
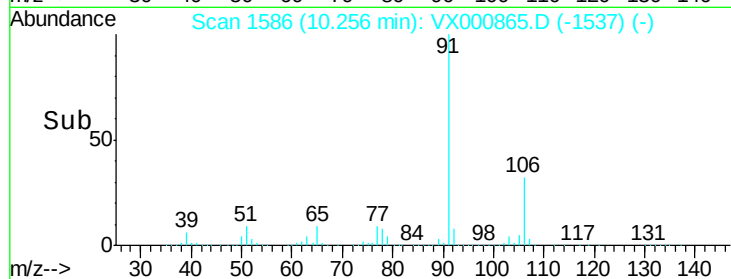
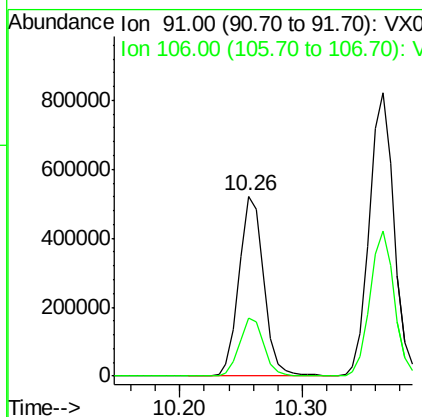
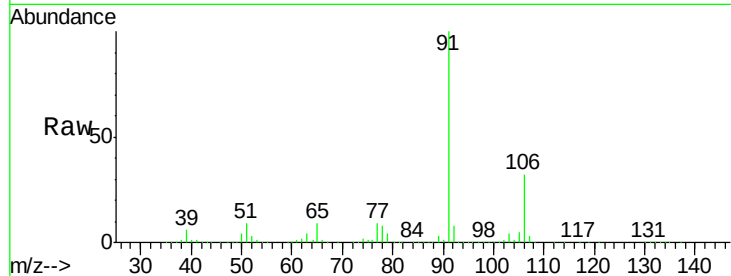
#67
Ethyl Benzene
Concen: 52.85 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 731088
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

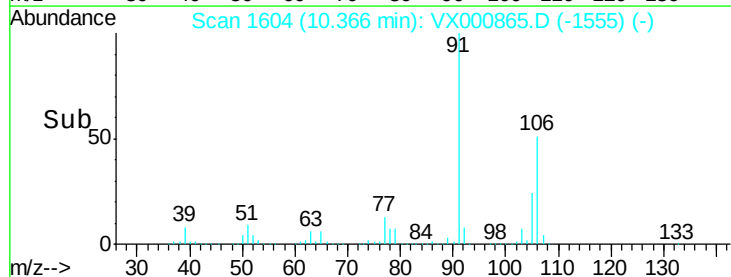
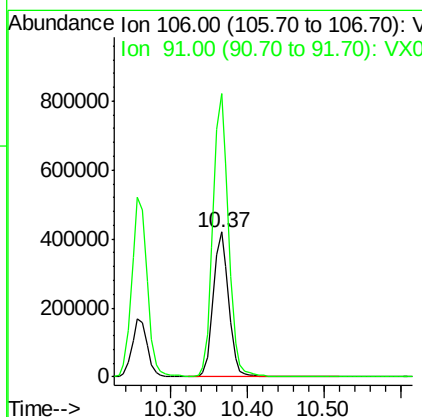
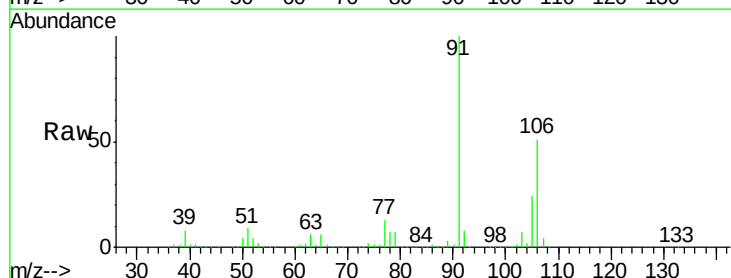
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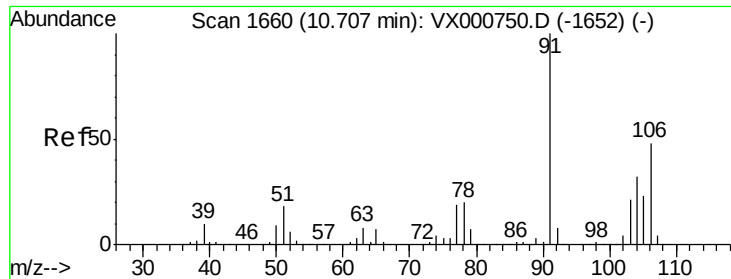
MMDadoda
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#68
m/p-Xylenes
Concen: 107.43 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion: 106 Resp: 586493
Ion Ratio Lower Upper
106 100
91 197.7 159.3 238.9





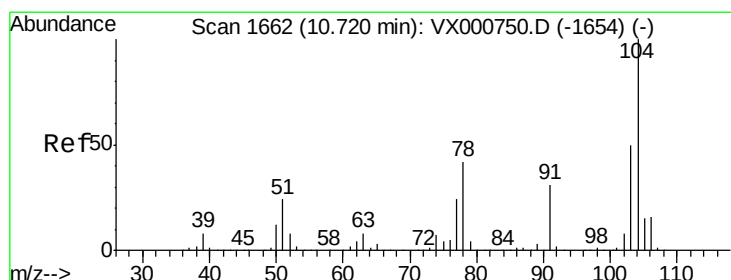
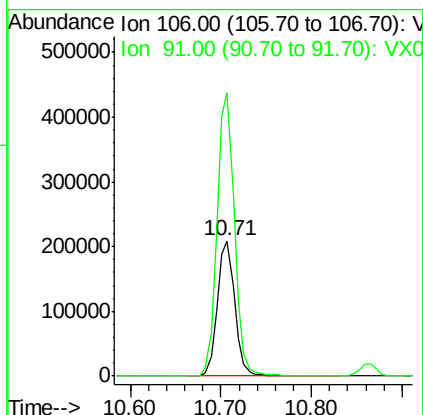
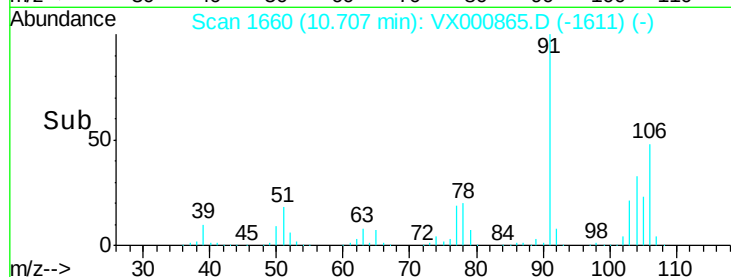
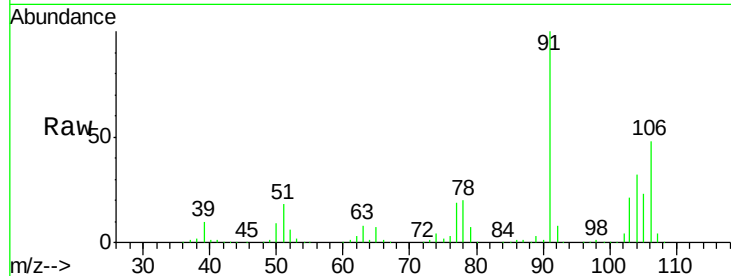
#69
o-Xylene
Concen: 53.51 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 281564
Ion Ratio Lower Upper
106 100
91 209.5 105.0 315.0

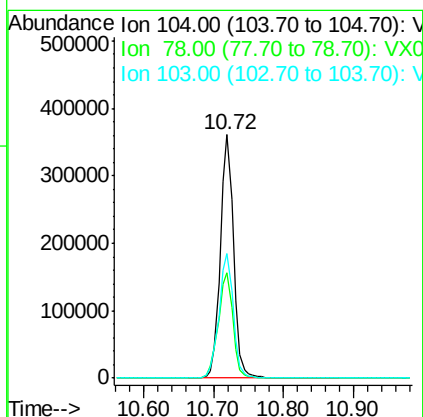
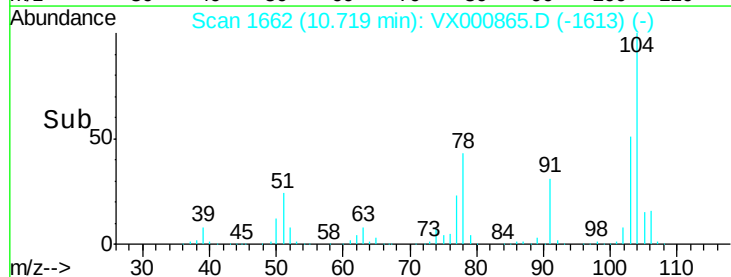
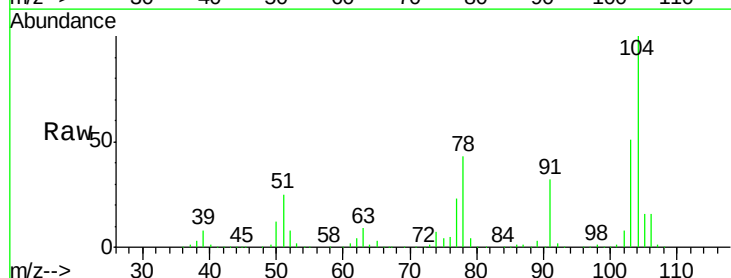
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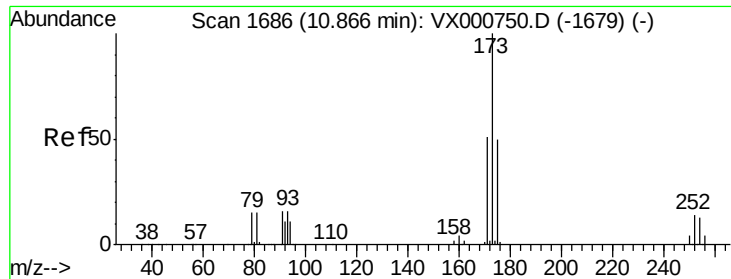
MMDadoda
4/16/2018 12:51:42 PM



#70
Styrene
Concen: 53.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion:104 Resp: 474282
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 50.31 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

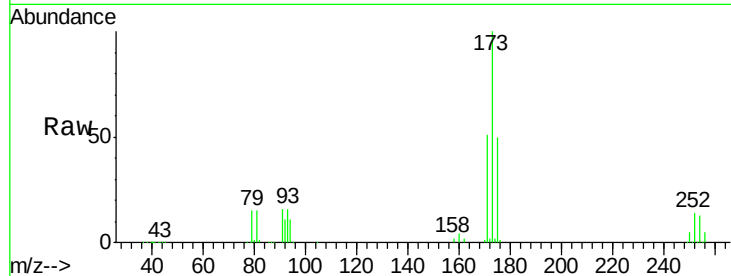
ClientSampleId :

VSTDCCC050

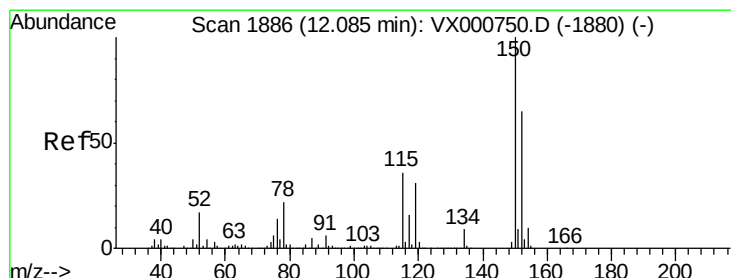
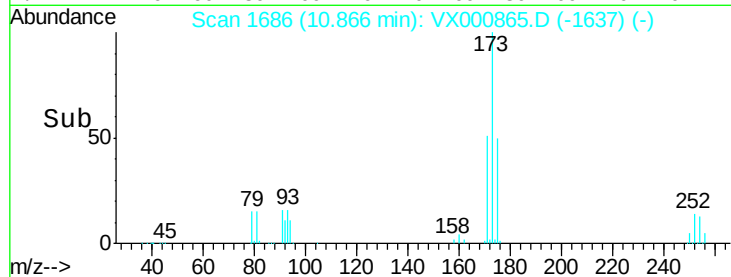
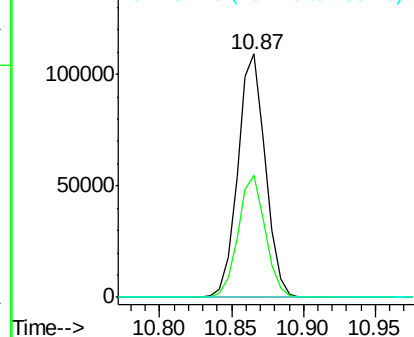
Tot Ion:	173	Resp:	145445
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
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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

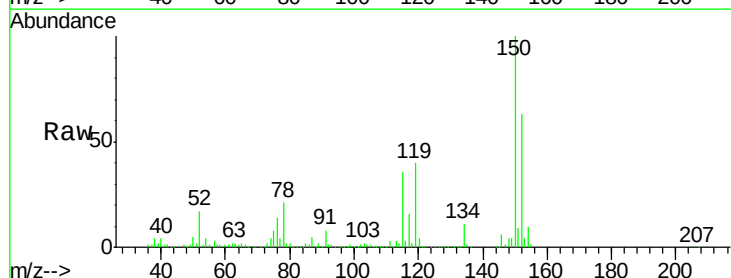
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

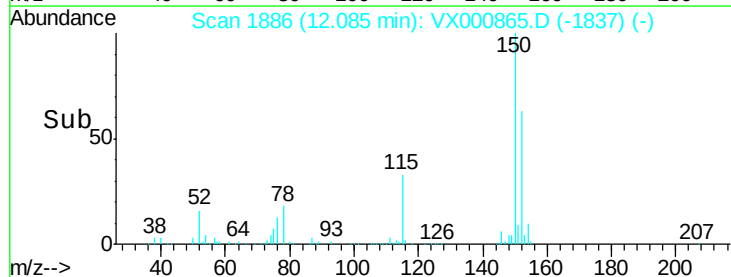
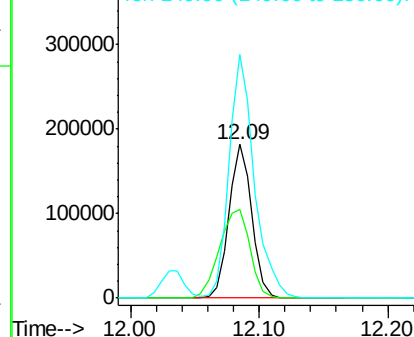
Lab File: VX000865.D

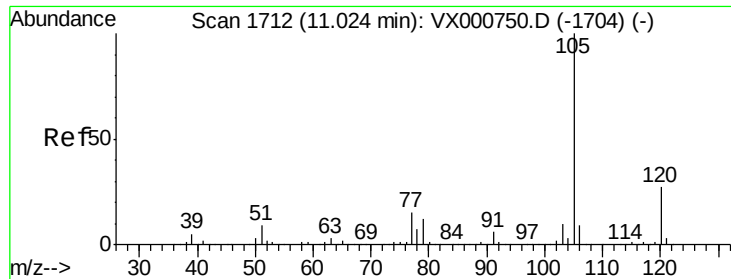
Acq: 14 Apr 2018 10:18

Tgt Ion:	152	Resp:	225987
Ion Ratio	Lower	Upper	
152	100		
115	77.2	37.9	113.7
150	175.8	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: 53.50 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 767028

Ion Ratio Lower Upper

105 100

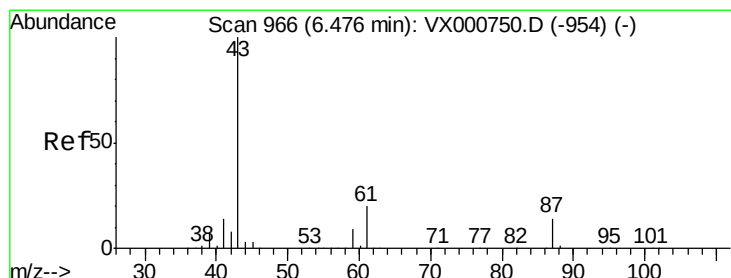
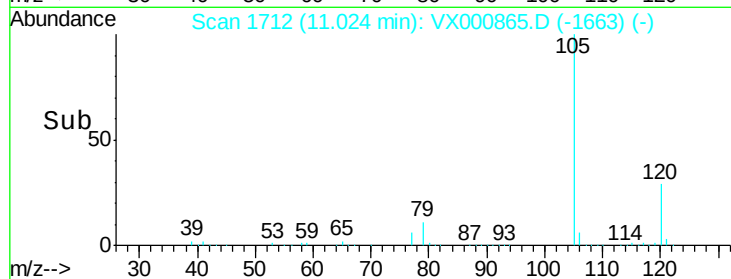
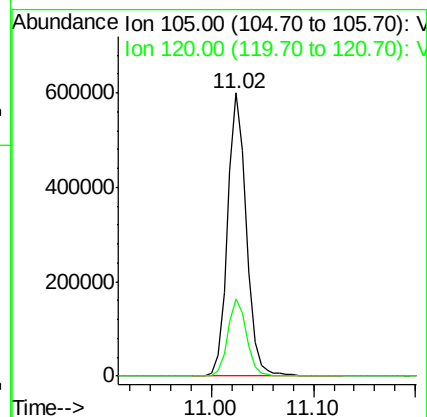
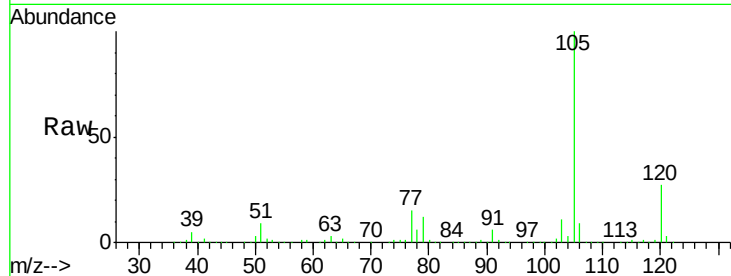
120 27.4 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion: 43 Resp: 333119

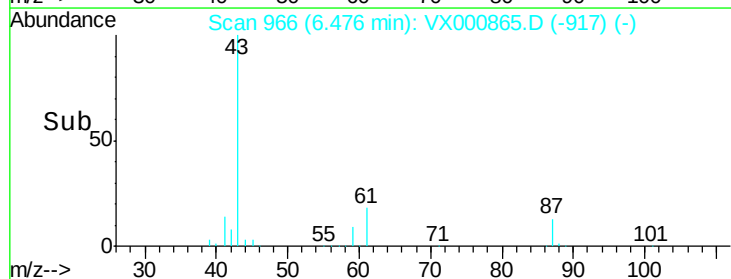
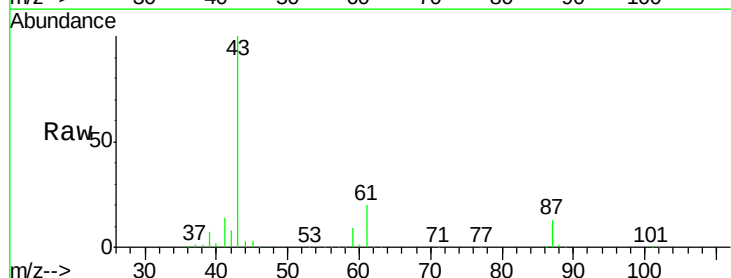
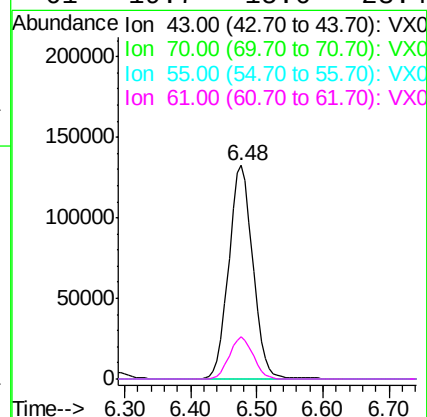
Ion Ratio Lower Upper

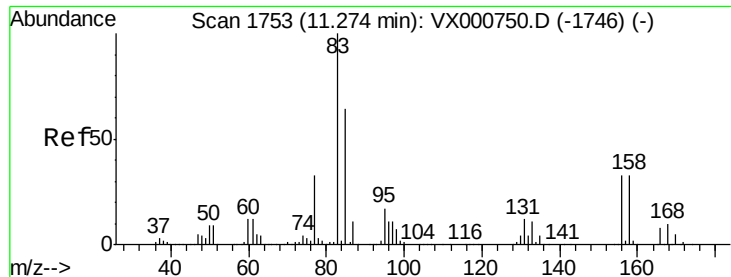
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.07 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 220803

Ion Ratio Lower Upper

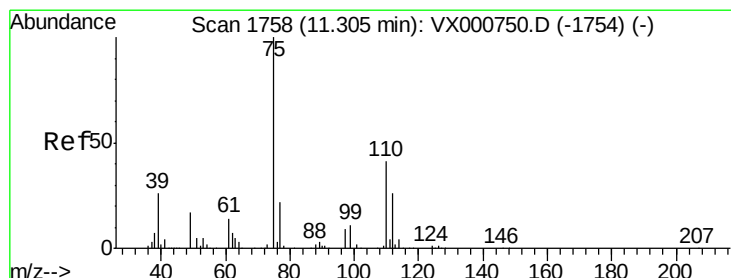
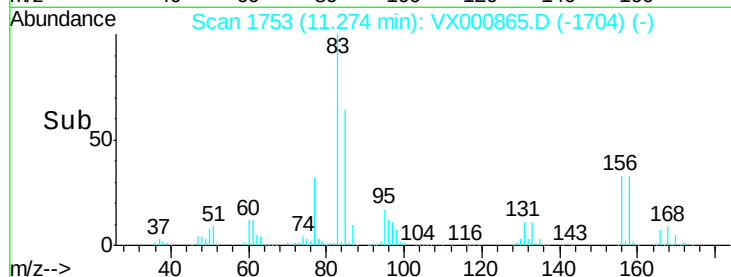
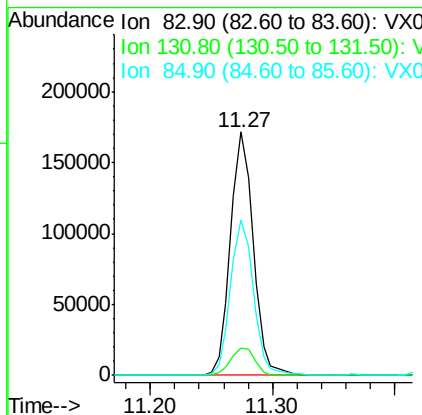
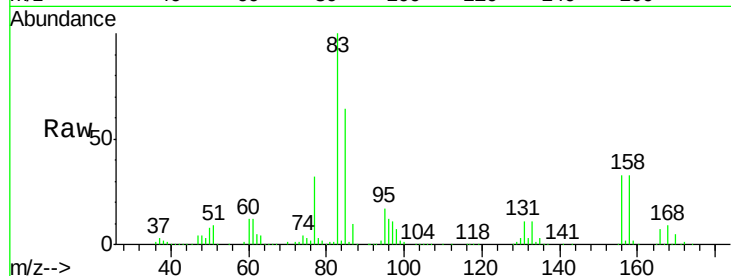
83 100

131 11.8 6.0 18.0

85 64.7 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 53.59 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000865.D

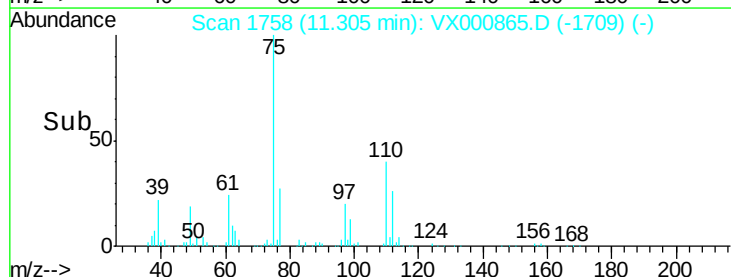
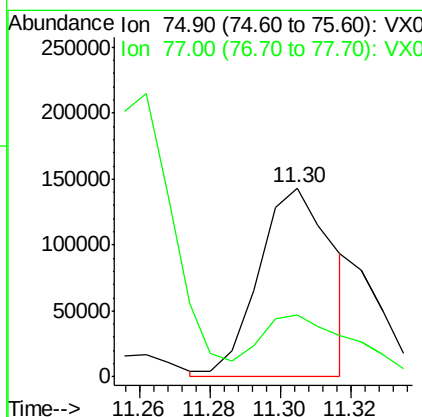
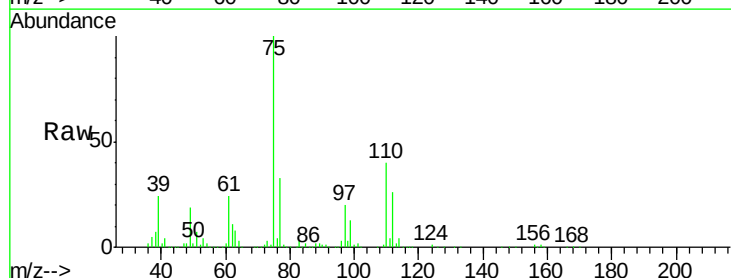
Acq: 14 Apr 2018 10:18

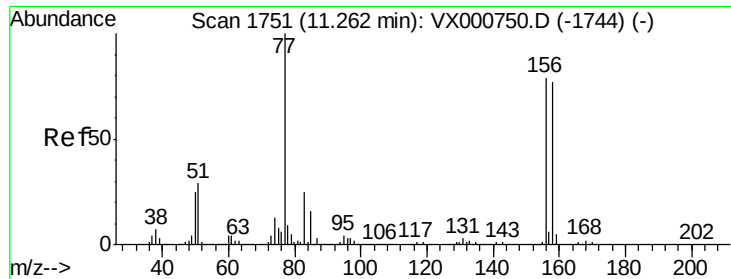
Tgt Ion: 75 Resp: 208846

Ion Ratio Lower Upper

75 100

77 41.0 20.5 61.5





#77

Bromobenzene

Concen: 52.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

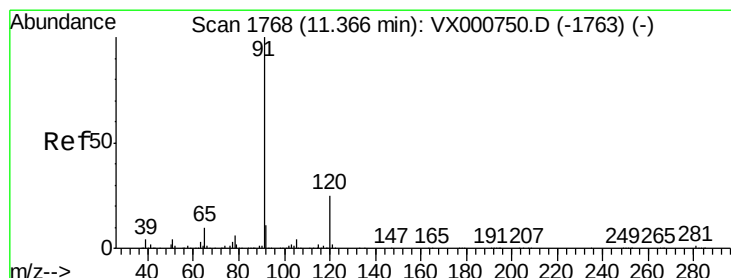
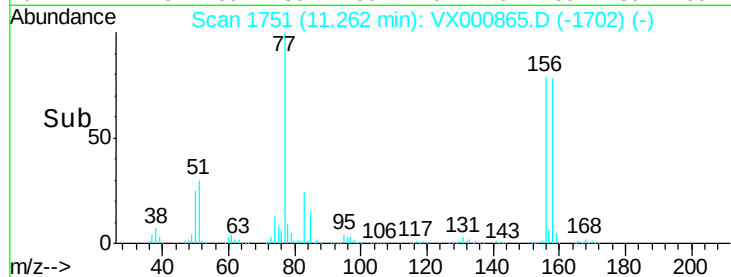
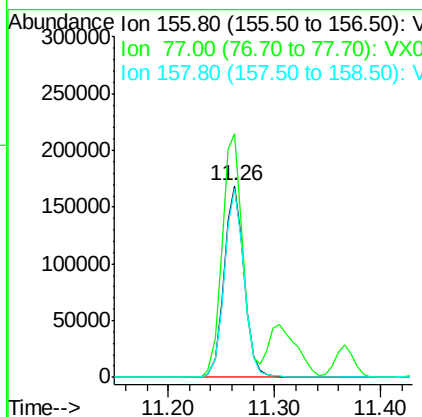
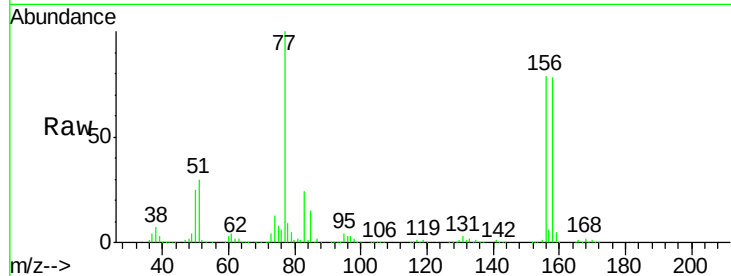
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	220170
Ion Ratio	Lower	Upper	
156	100		
77	131.3	66.0	198.2
158	98.1	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 52.94 ug/l

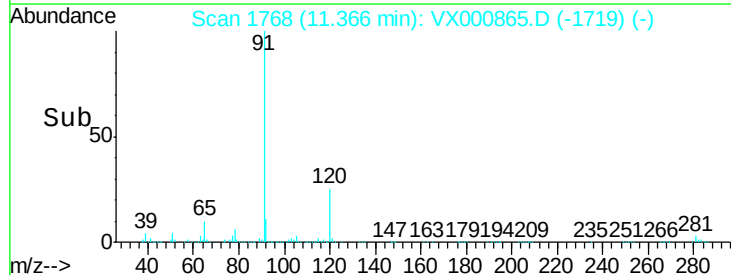
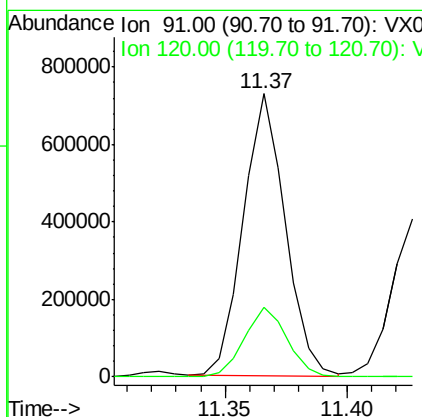
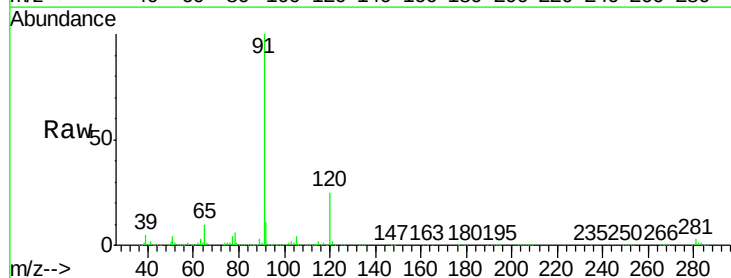
RT: 11.37 min Scan# 1768

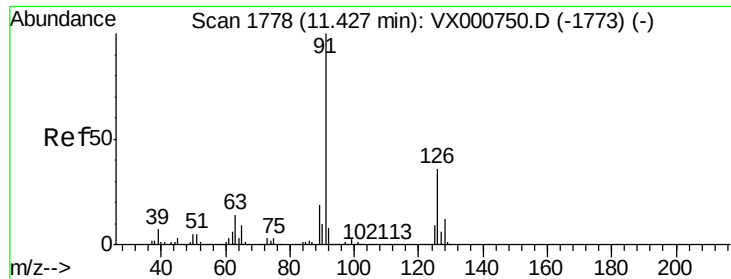
Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	91	Resp:	868068
Ion Ratio	Lower	Upper	
91	100		
120	25.6	12.6	37.6





#79

2-Chlorotoluene

Concen: 52.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 509320

Ion Ratio Lower Upper

91 100

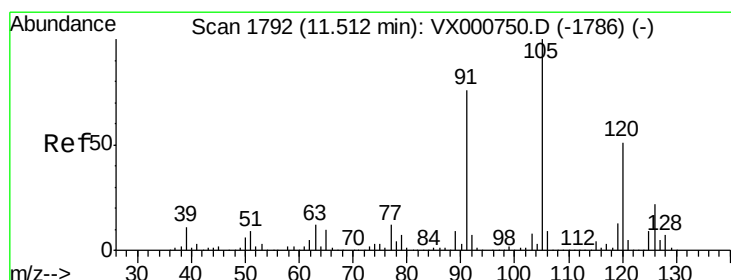
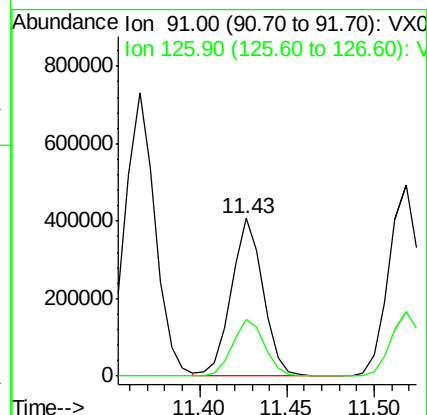
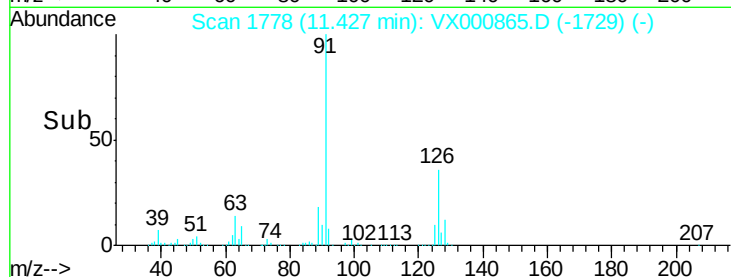
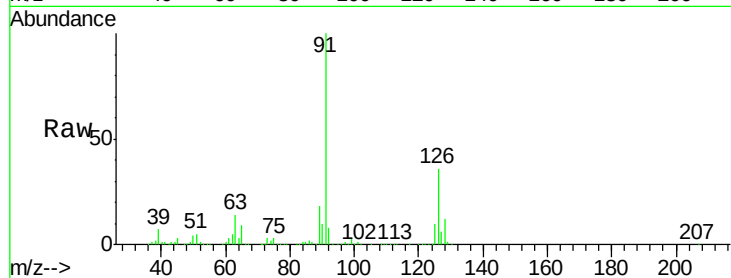
126 37.2 18.3 54.9

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#80

1,3,5-Trimethylbenzene

Concen: 53.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000865.D

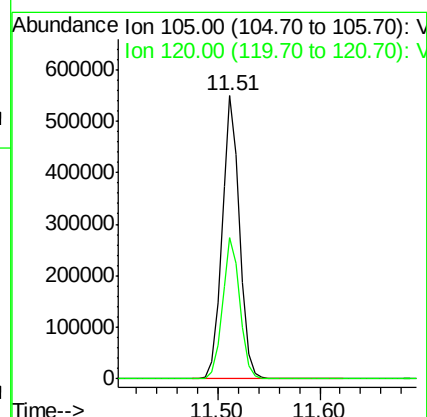
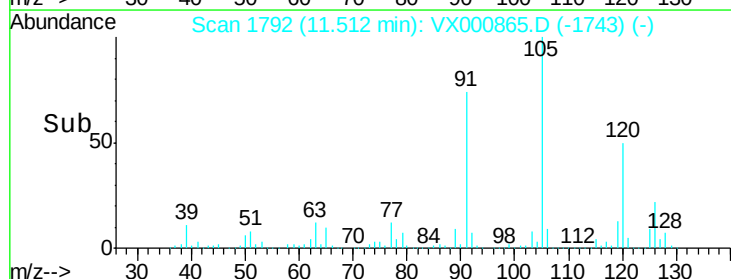
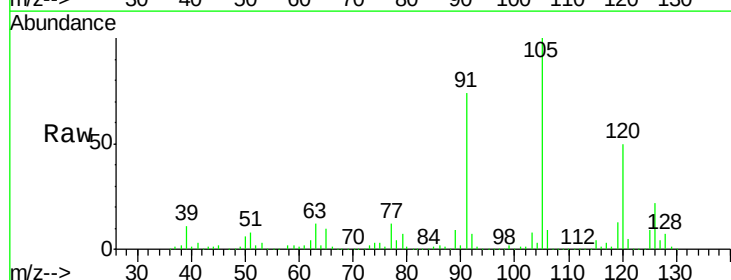
Acq: 14 Apr 2018 10:18

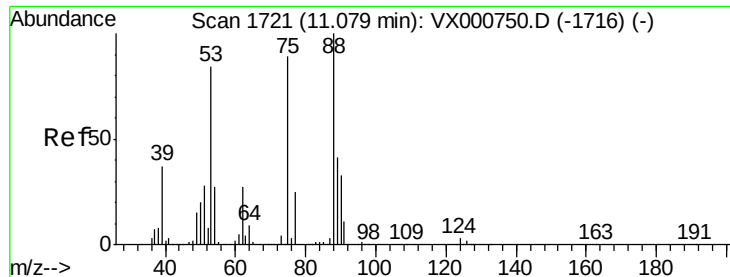
Tgt Ion: 105 Resp: 656878

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





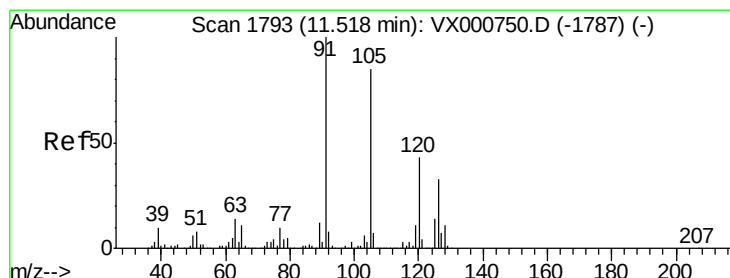
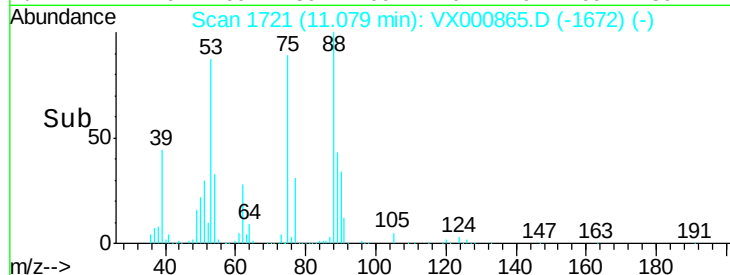
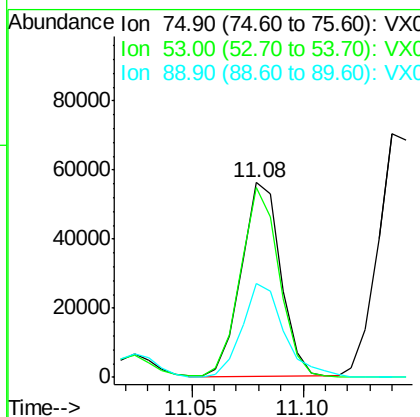
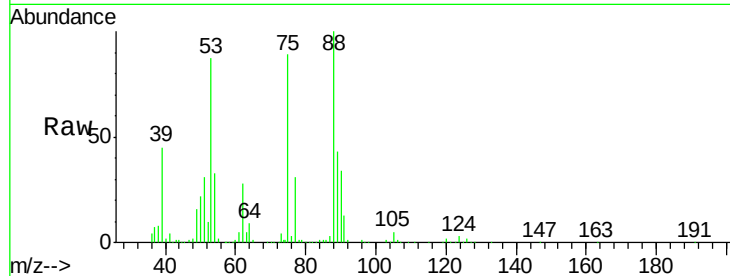
#81
trans-1,4-Dichloro-2-butene
Concen: 49.07 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	75.4	113.0
89	51.6	40.9	61.3

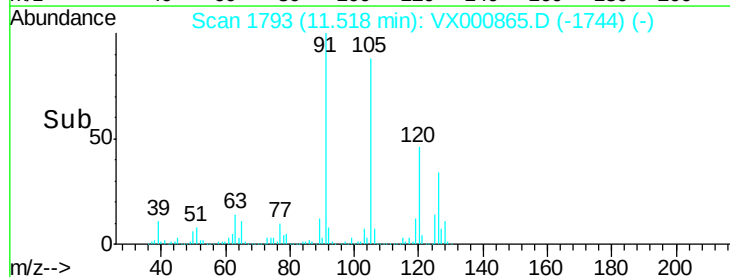
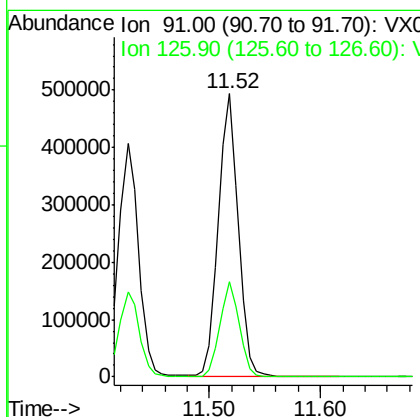
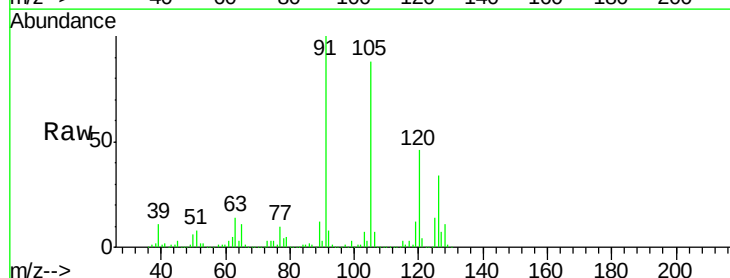
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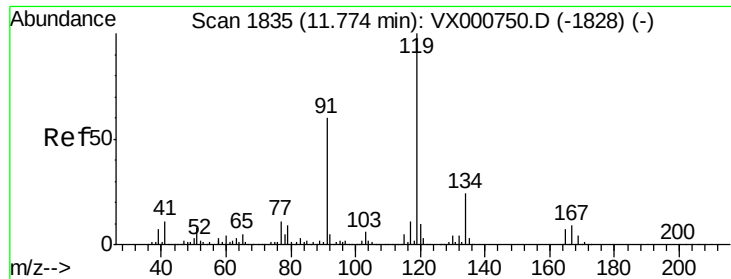
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#82
4-Chlorotoluene
Concen: 52.31 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





#83

tert-Butylbenzene

Concen: 52.99 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

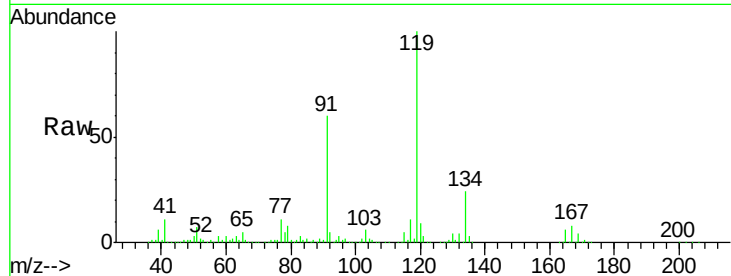
ClientSampleId :

VSTDCCC050

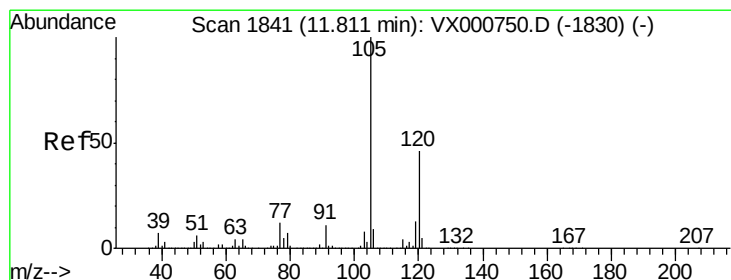
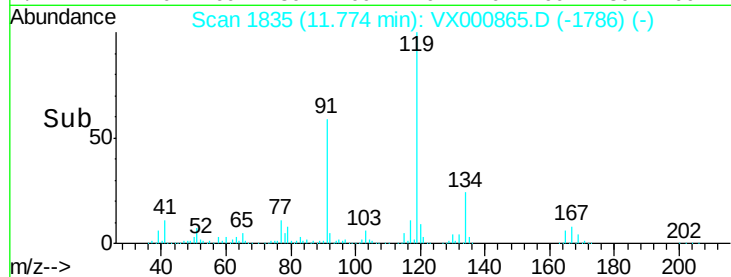
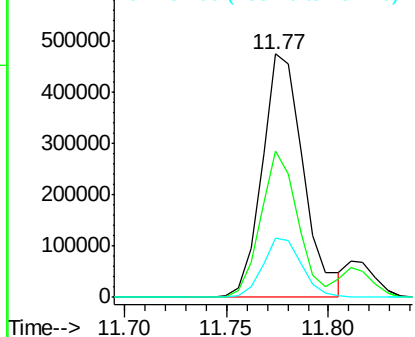
Tot Ion:	119	Resp:	668350
Ion Ratio	Lower	Upper	
119	100		
91	53.6	26.8	80.3
134	23.2	11.5	34.4

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.12 ug/l

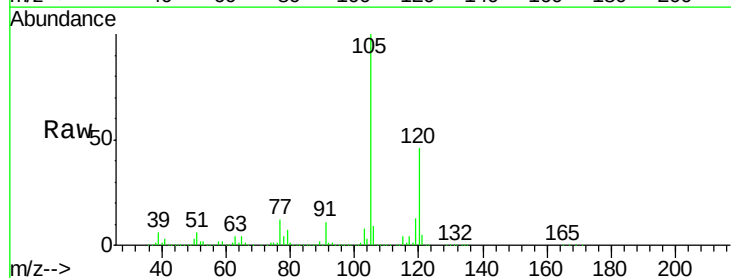
RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

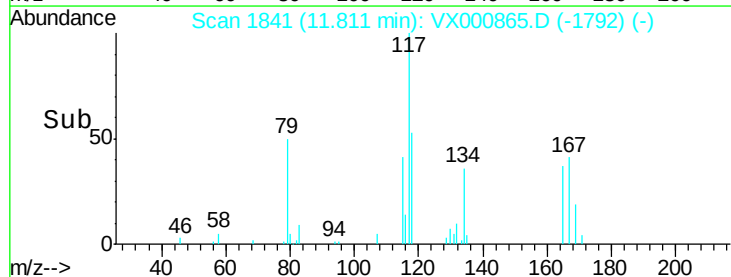
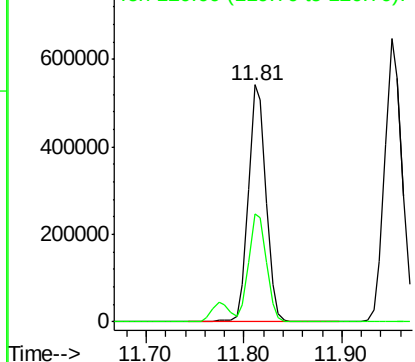
Lab File: VX000865.D

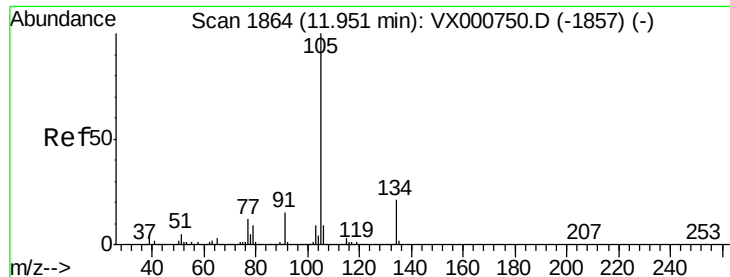
Acq: 14 Apr 2018 10:18

Tgt Ion:	105	Resp:	676193
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 800248

Ion Ratio Lower Upper

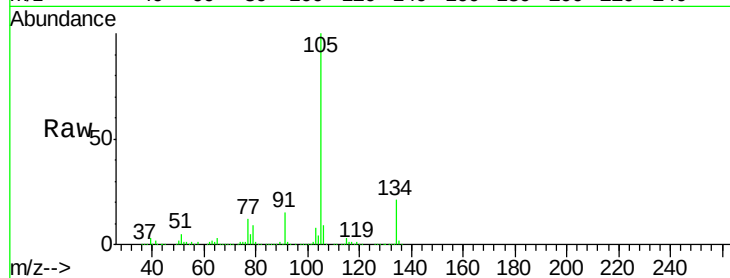
105 100

134 21.4 10.8 32.4

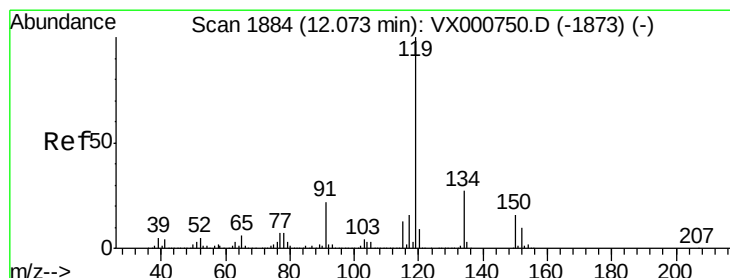
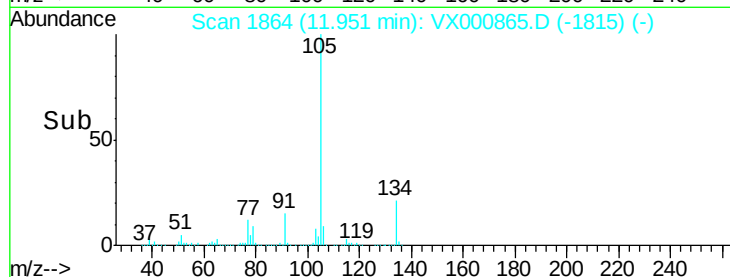
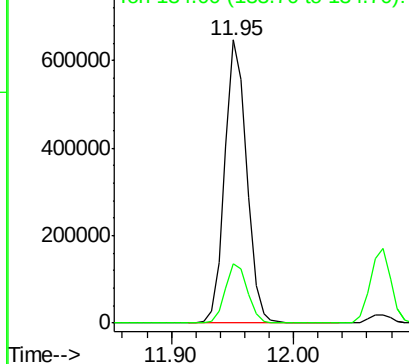
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.52 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

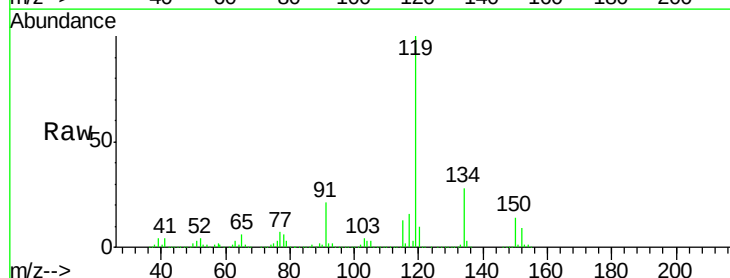
Tgt Ion:119 Resp: 742740

Ion Ratio Lower Upper

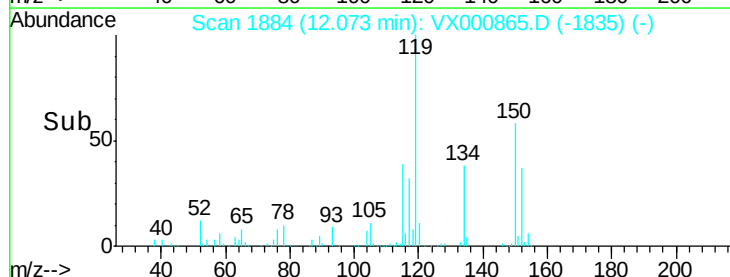
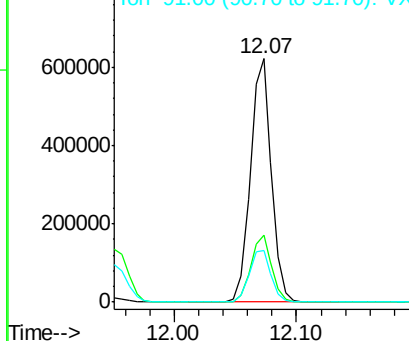
119 100

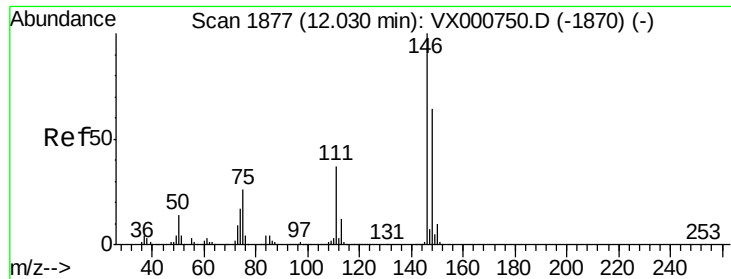
134 27.2 13.6 40.7

91 21.9 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





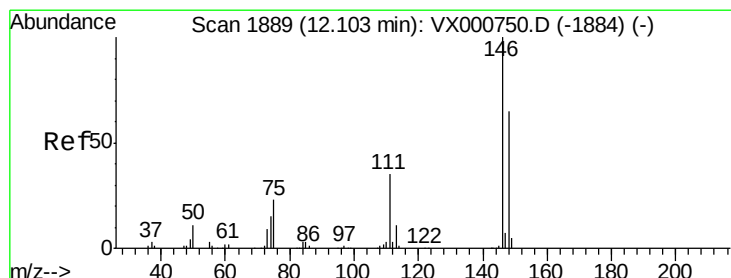
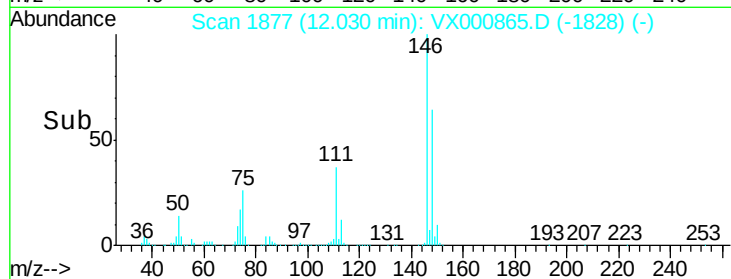
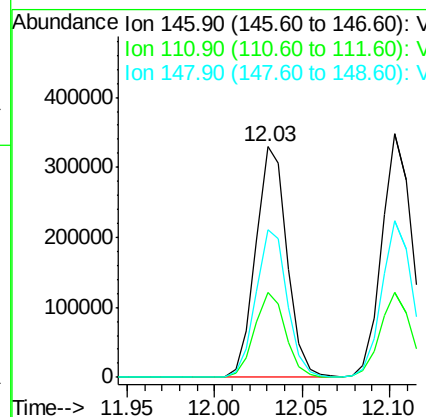
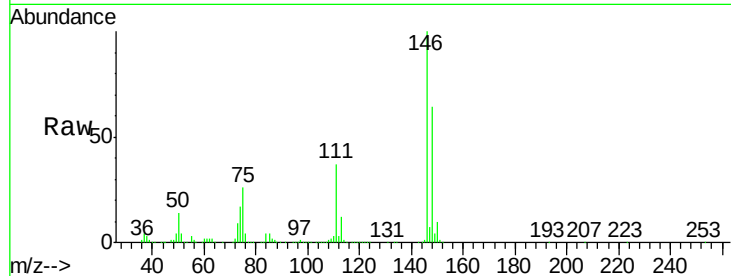
#87
 1,3-Dichlorobenzene
 Concen: 53.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.8
148	63.8	32.2	96.6

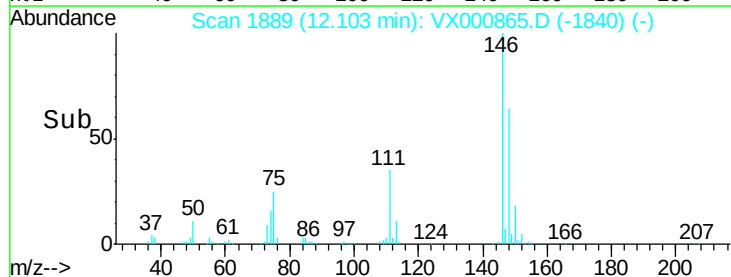
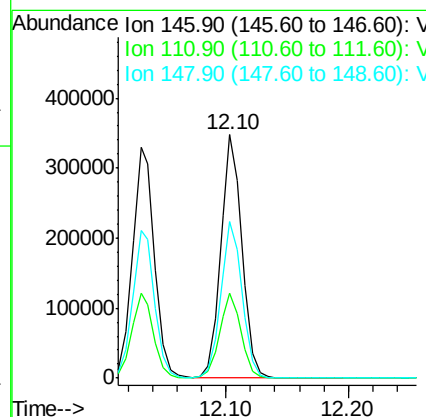
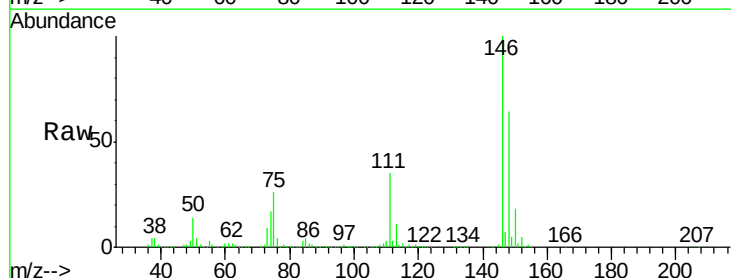
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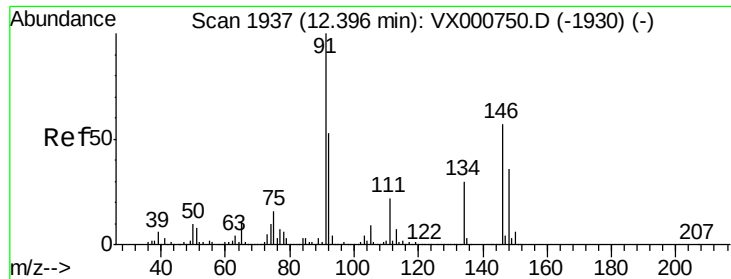
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#88
 1,4-Dichlorobenzene
 Concen: 52.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.9	53.8
148	64.6	32.6	97.7





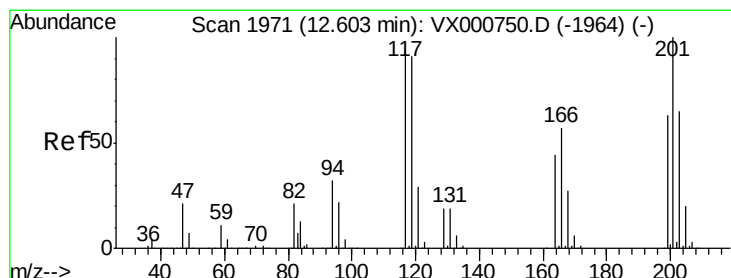
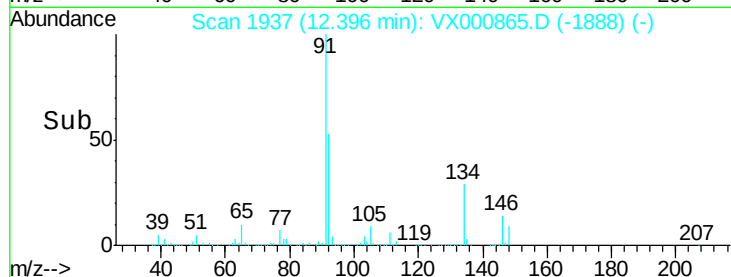
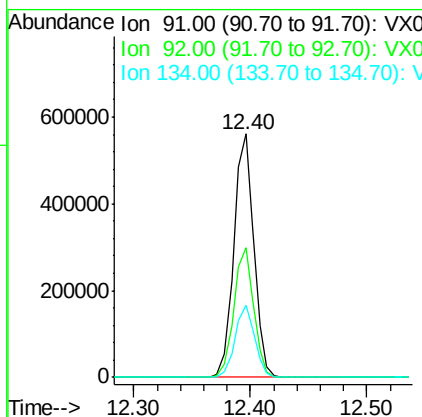
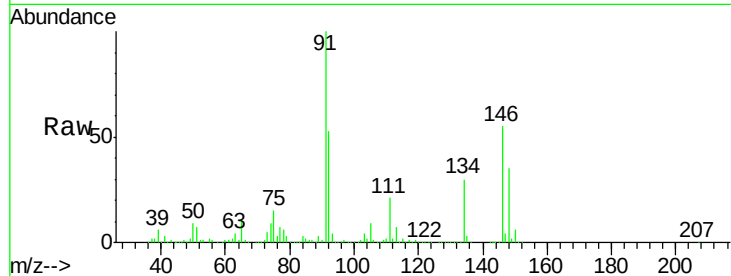
#89
n-Butylbenzene
Concen: 54.58 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	668542		
92	52.9		26.5	79.5
134	29.1		14.5	43.5

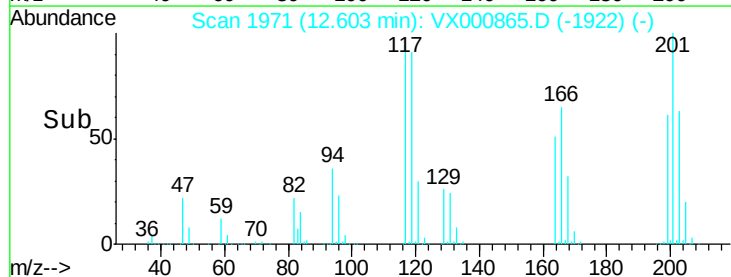
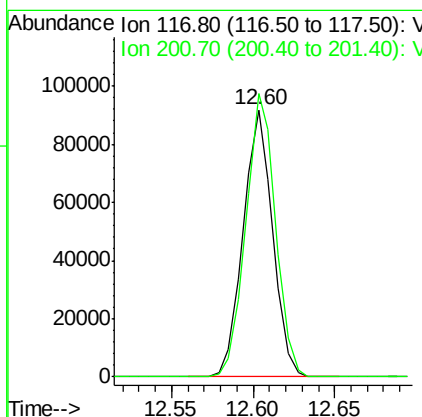
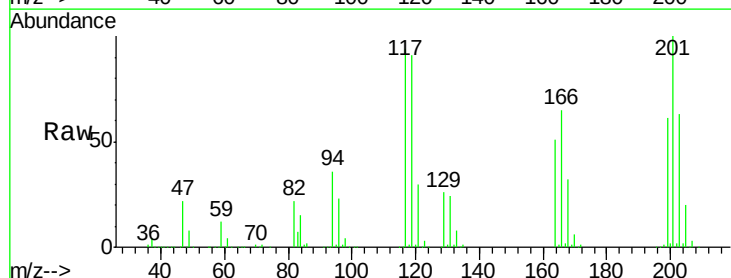
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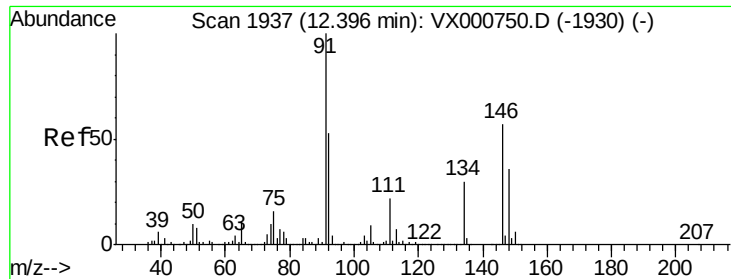
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#90
Hexachloroethane
Concen: 49.03 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000865.D
Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115137		
201	107.2		52.9	158.7





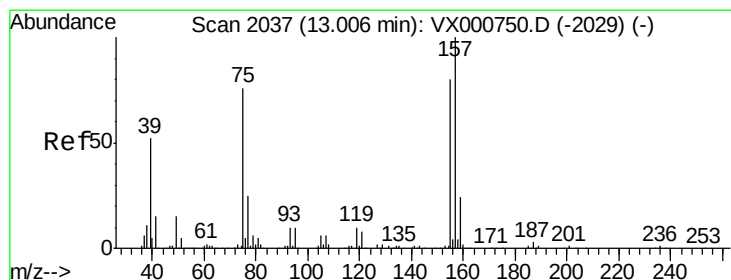
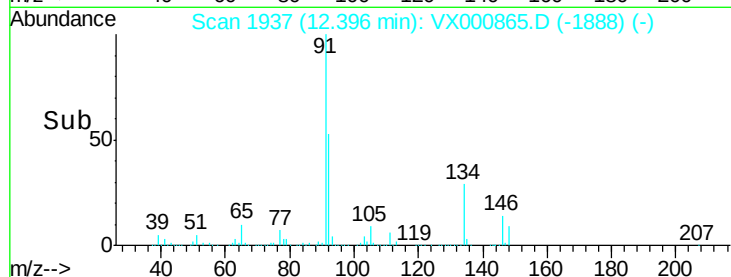
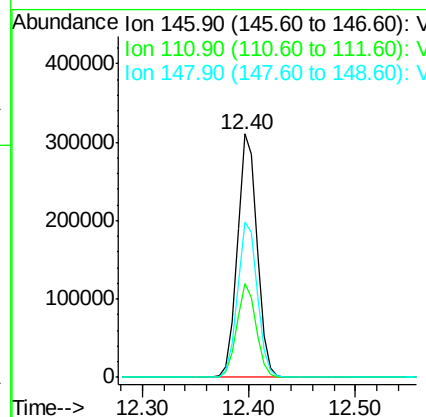
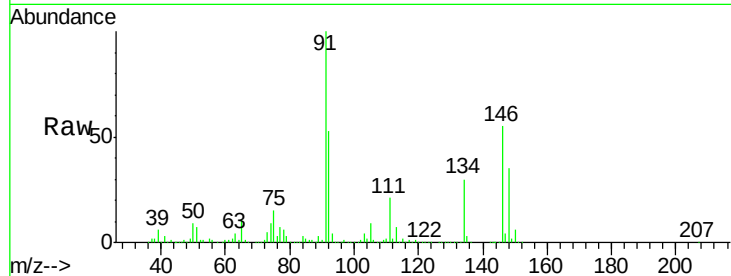
#91
 1,2-Dichlorobenzene
 Concen: 53.57 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.2	32.0	96.2

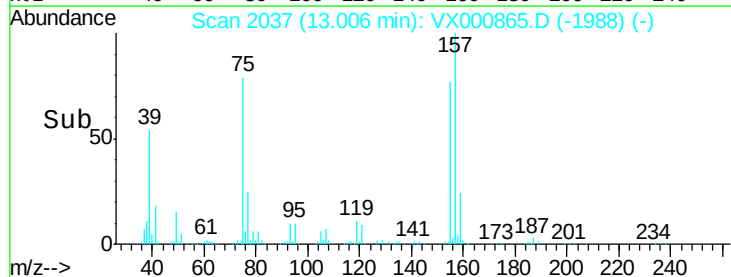
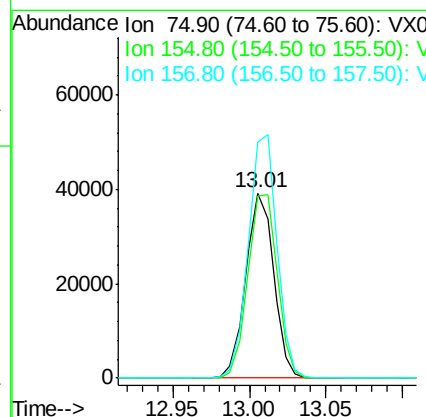
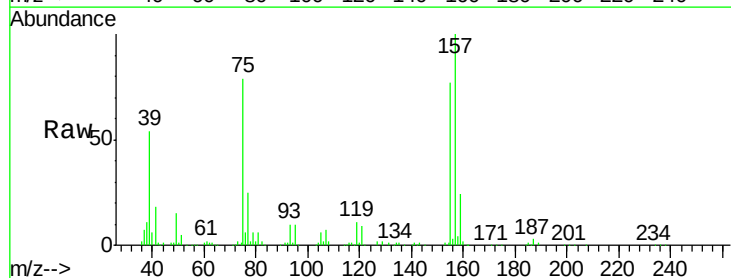
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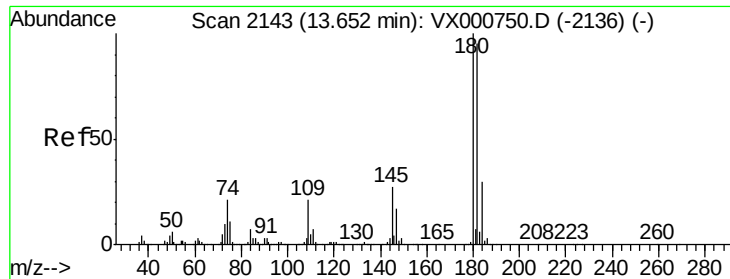
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.6	51.9	155.8
157	134.5	66.6	199.8





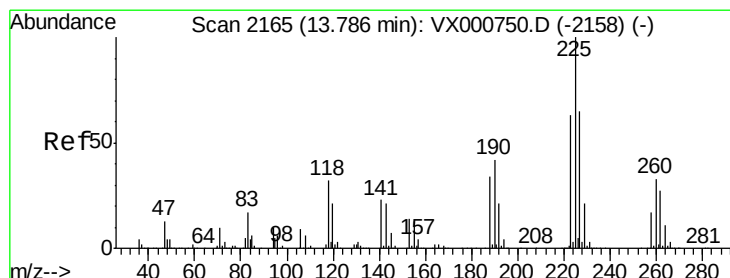
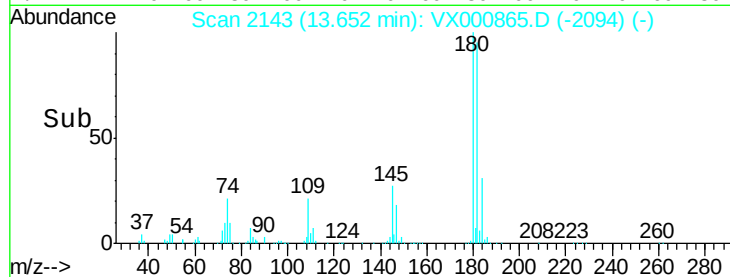
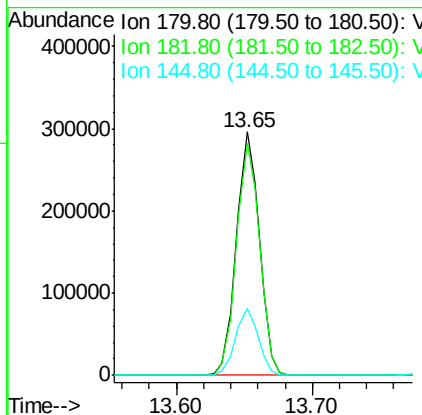
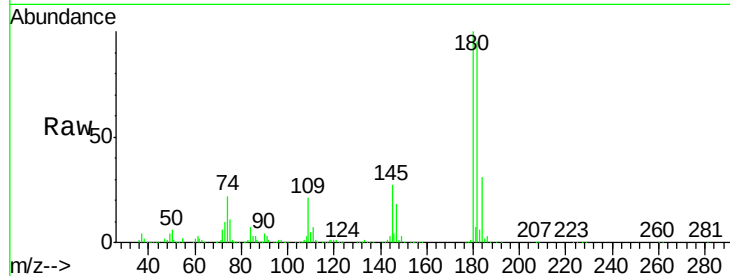
#93
 1,2,4-Trichlorobenzene
 Concen: 54.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	347636		
182	96.4	47.5	142.5	
145	27.5	13.8	41.4	

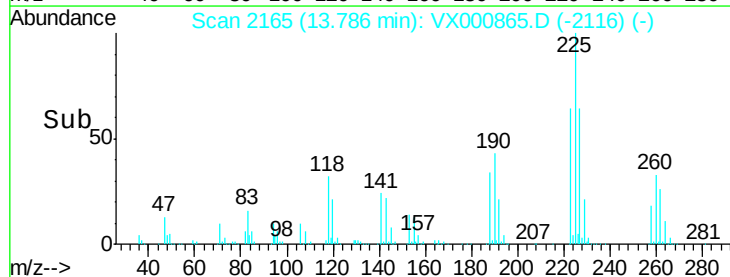
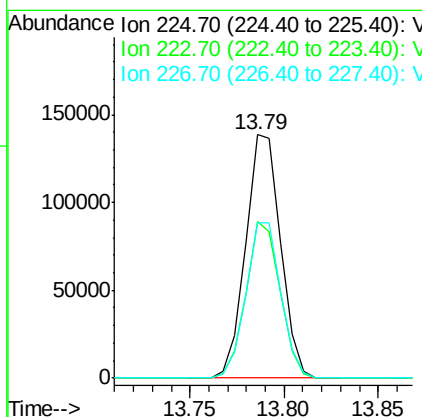
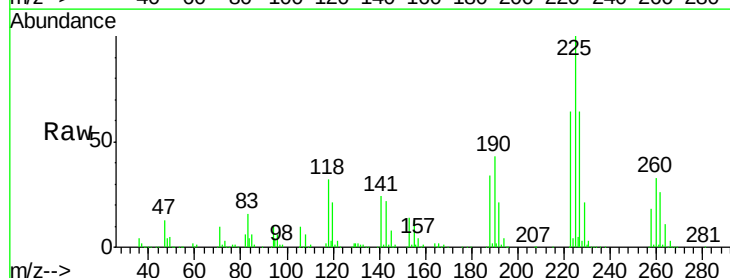
Manual Integrations
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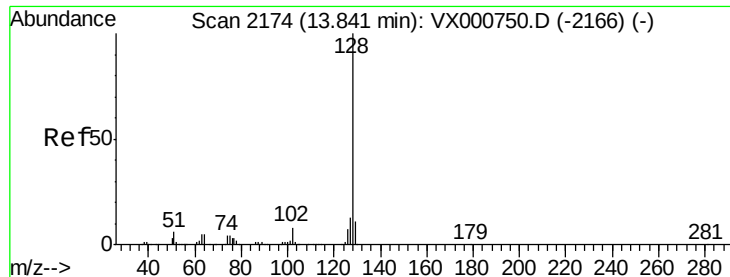
MMDadoda
 4/16/2018 12:51:42 PM



#94
 Hexachlorobutadiene
 Concen: 56.64 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000865.D
 Acq: 14 Apr 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178415		
223	62.4	31.2	93.6	
227	63.7	32.3	96.9	





#95

Naphthalene

Concen: 54.20 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Instrument :

MSVOA_X

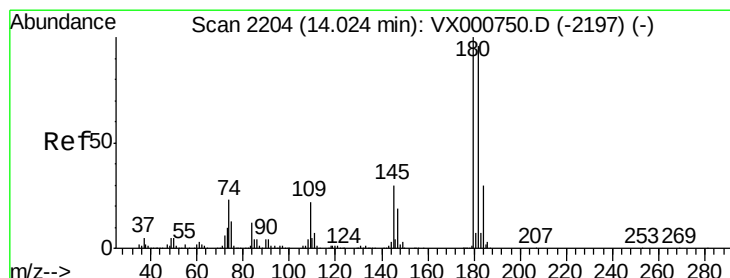
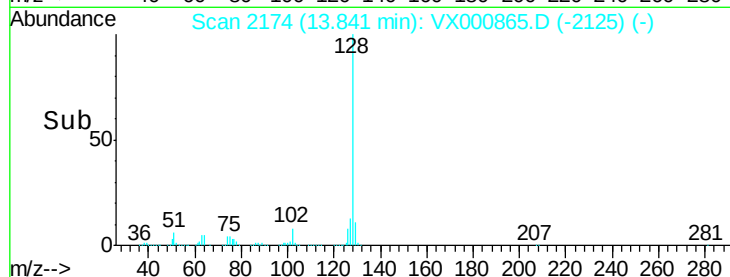
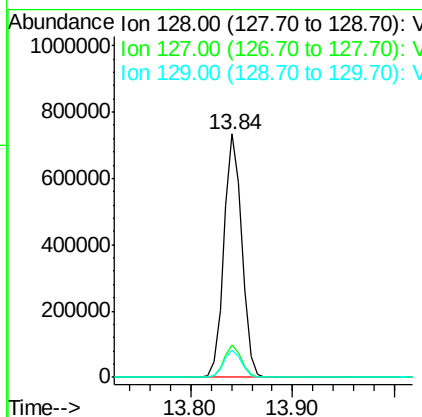
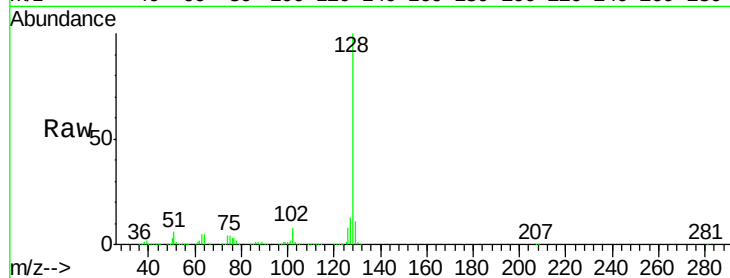
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	891240
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:51:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.64 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000865.D

Acq: 14 Apr 2018 10:18

Tgt Ion:	180	Resp:	339990
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.4	145.2
145	29.1	14.6	43.8

