

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001184.D
 Acq On : 27 Apr 2018 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:39 PM

Quant Time: Apr 28 04:08:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	139308	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.51	113	112318	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	8.72	98	413393	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	161145	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97763	50.49	ug/l	99
3) Chloromethane	1.32	50	94154	46.43	ug/l	100
4) Vinyl Chloride	1.40	62	109720	50.99	ug/l	98
5) Bromomethane	1.64	94	86099	66.15	ug/l	100
6) Chloroethane	1.72	64	71040	52.46	ug/l	99
7) Trichlorofluoromethane	1.93	101	185837	53.48	ug/l	98
8) Diethyl Ether	2.19	74	69715	52.18	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102015	53.28	ug/l	99
10) Methyl Iodide	2.51	142	70051	37.34	ug/l	99
11) Tert butyl alcohol	3.08	59	121298	214.91	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95393	51.09	ug/l	97
13) Acrolein	2.30	56	40202	188.41	ug/l	98
14) Allyl chloride	2.73	41	179786	52.78	ug/l	98
15) Acrylonitrile	3.15	53	284831	236.32	ug/l	98
16) Acetone	2.45	43	265283	225.39	ug/l	99
17) Carbon Disulfide	2.57	76	236984	49.74	ug/l	99
18) Methyl Acetate	2.78	43	147340	50.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	356244	51.83	ug/l	98
20) Methylene Chloride	2.86	84	110448	50.39	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105771	51.25	ug/l	98
22) Diisopropyl ether	3.88	45	349052	51.22	ug/l	94
23) Vinyl Acetate	3.83	43	1506590	260.58	ug/l	100
24) 1,1-Dichloroethane	3.70	63	183582	51.25	ug/l	99
25) 2-Butanone	4.71	43	393409	223.39	ug/l	99
26) 2,2-Dichloropropane	4.59	77	132202	46.89	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	117170	51.85	ug/l	99
28) Bromochloromethane	5.03	49	90693	56.47	ug/l	99
29) Tetrahydrofuran	5.17	42	255850	225.95	ug/l	99
30) Chloroform	5.23	83	203554	53.44	ug/l	100
31) Cyclohexane	5.58	56	154984	50.93	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	173691	52.82	ug/l	98
36) 1,1-Dichloropropene	5.81	75	141926	51.34	ug/l	100
37) Ethyl Acetate	4.87	43	158714	47.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	154282	54.42	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	158170	51.70	ug/l	98
40) Benzene	6.15	78	432704	54.11	ug/l	99
41) Methacrylonitrile	5.07	41	91059	48.95	ug/l	99
42) 1,2-Dichloroethane	6.21	62	173100	53.71	ug/l	99
43) Isopropyl Acetate	6.48	43	261776	50.35	ug/l	99
44) Trichloroethene	7.22	130	128541	53.95	ug/l	98
45) 1,2-Dichloropropane	7.52	63	112585	53.52	ug/l	98
46) Dibromomethane	7.67	93	80350	55.16	ug/l	99
47) Bromodichloromethane	7.91	83	148147	55.98	ug/l	99
48) Methyl methacrylate	7.79	41	141105	51.06	ug/l	99
49) 1,4-Dioxane	7.76	88	50768	917.51	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	870495	254.87	ug/l	97
52) Toluene	8.79	92	285884	54.66	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	171511	55.75	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	163023	48.88	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	119776	54.13	ug/l	98
56) Ethyl methacrylate	9.19	69	179422	54.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	192218	53.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	396997	256.16	ug/l	100
59) 2-Hexanone	9.51	43	663794	248.05	ug/l	99
60) Dibromochloromethane	9.59	129	129713	50.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	128082	55.25	ug/l	99
64) Tetrachloroethene	9.34	164	137262	52.72	ug/l	98
65) Chlorobenzene	10.15	112	335516	52.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	126776	57.34	ug/l	99
67) Ethyl Benzene	10.26	91	553440	53.30	ug/l	98
68) m/p-Xylenes	10.37	106	439732	107.13	ug/l	98
69) o-Xylene	10.71	106	216315	54.33	ug/l	100
70) Styrene	10.72	104	362428	54.70	ug/l	100
71) Bromoform	10.87	173	104335	45.37	ug/l	99
73) Isopropylbenzene	11.02	105	570456	52.99	ug/l	100
74) N-amyl acetate	6.48	43	261776	48.26	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183008	51.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	170538m	50.71	ug/l	
77) Bromobenzene	11.26	156	170273	53.34	ug/l	99
78) n-propylbenzene	11.37	91	641959	53.48	ug/l	100
79) 2-Chlorotoluene	11.43	91	385868	51.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	493135	54.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42468	41.16	ug/l	98
82) 4-Chlorotoluene	11.52	91	468124	52.93	ug/l	100
83) tert-Butylbenzene	11.77	119	488950	53.76	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	509693	54.41	ug/l	100
85) sec-Butylbenzene	11.95	105	568844	53.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	528320	53.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304265	53.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311040	52.09	ug/l	100
89) n-Butylbenzene	12.39	91	448428	52.42	ug/l	100
90) Hexachloroethane	12.60	117	75885	47.74	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	306331	52.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39106	49.61	ug/l	96

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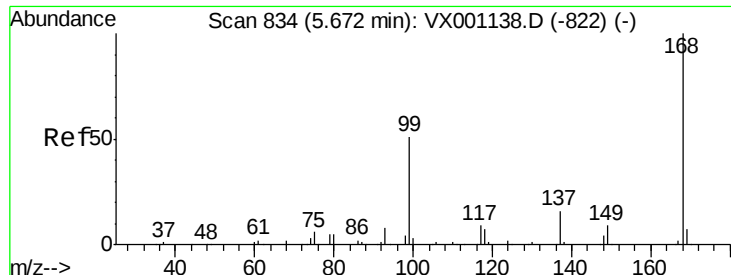
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231583	51.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	101771	47.68	ug/l	99
95) Naphthalene	13.84	128	652059	51.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231959	51.33	ug/l	100

(#) = 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: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 184641

Ion Ratio Lower Upper

168 100

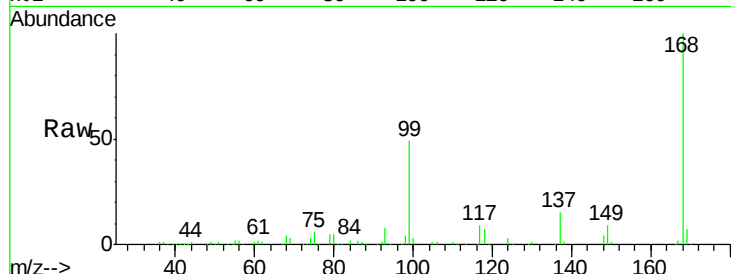
99 48.4 40.6 60.8

Manual Integrations

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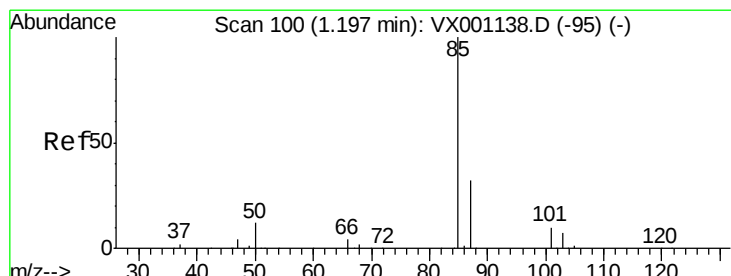
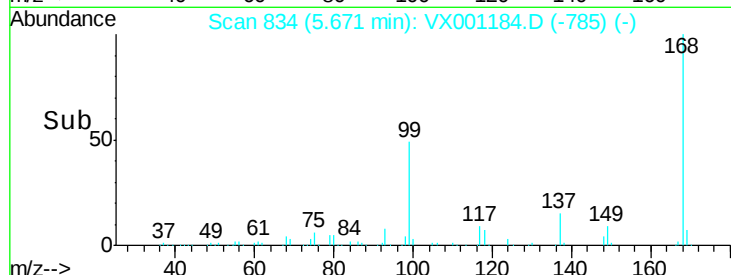
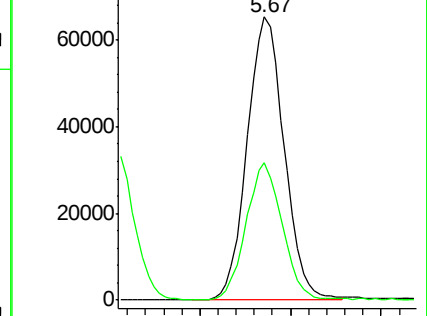
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001184.D

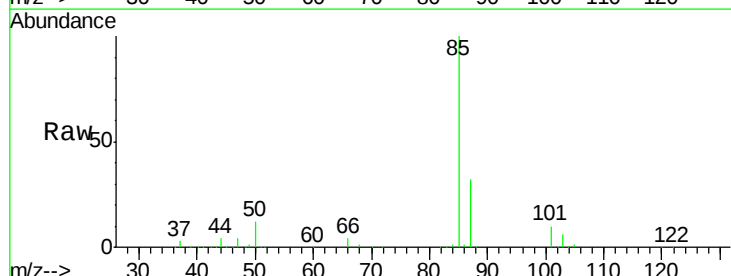
Acq: 27 Apr 2018 21:10

Tgt Ion: 85 Resp: 97763

Ion Ratio Lower Upper

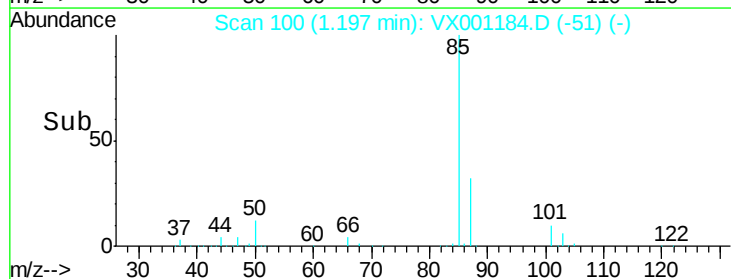
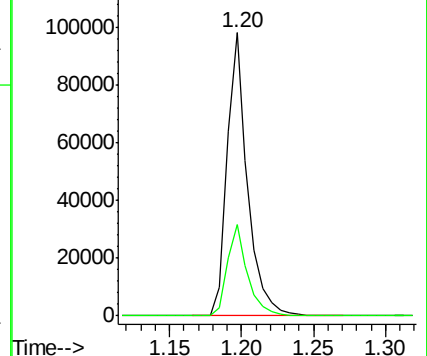
85 100

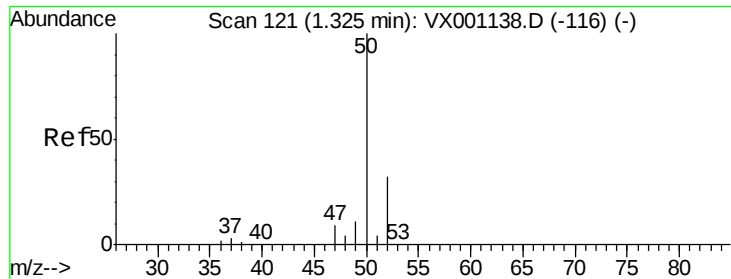
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 94154

Ion Ratio Lower Upper

50 100

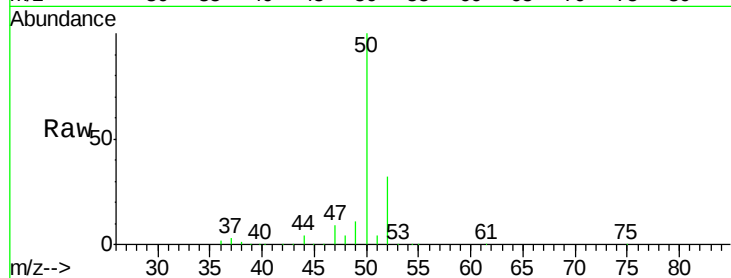
52 32.4 25.9 38.9

Manual Integrations

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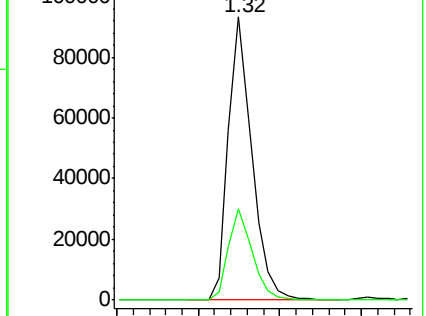
MMDadoda

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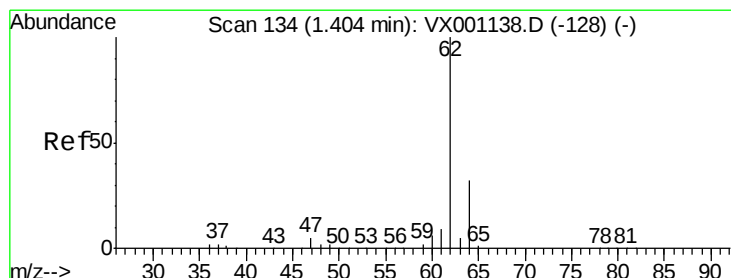
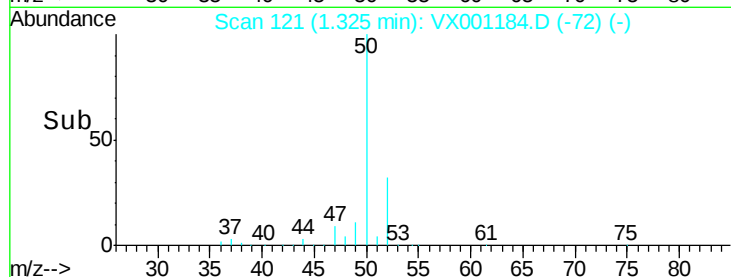


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 50.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001184.D

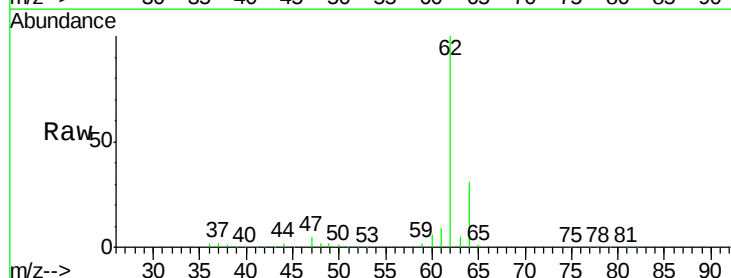
Acq: 27 Apr 2018 21:10

Tgt Ion: 62 Resp: 109720

Ion Ratio Lower Upper

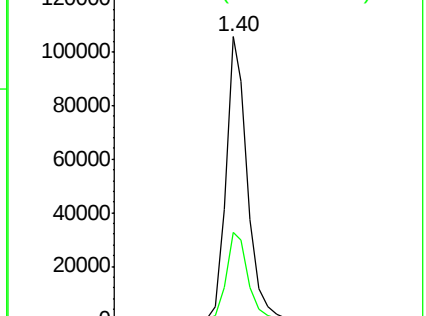
62 100

64 30.9 25.6 38.4

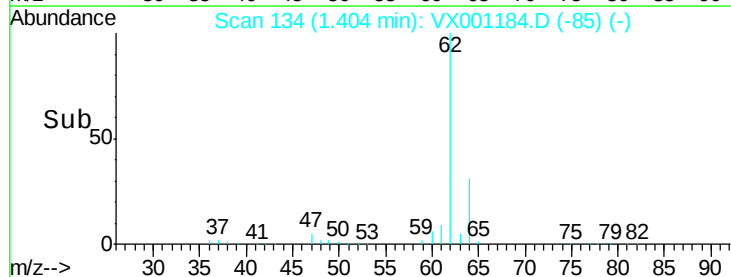


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 66.15 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86099

Ion Ratio Lower Upper

94 100

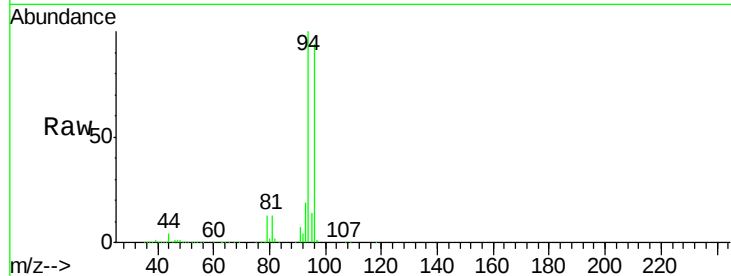
96 94.1 75.3 112.9

Manual Integrations

APPROVED

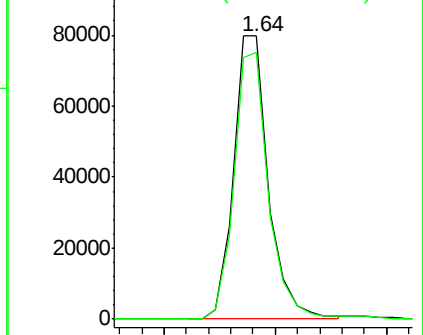
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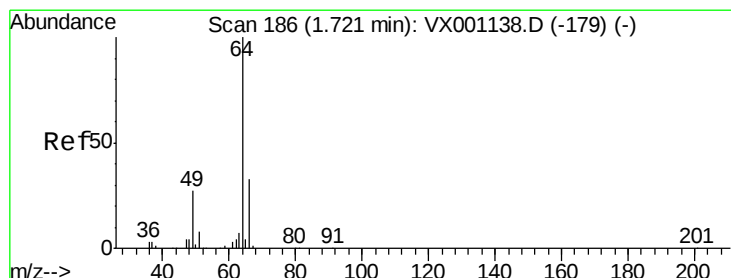
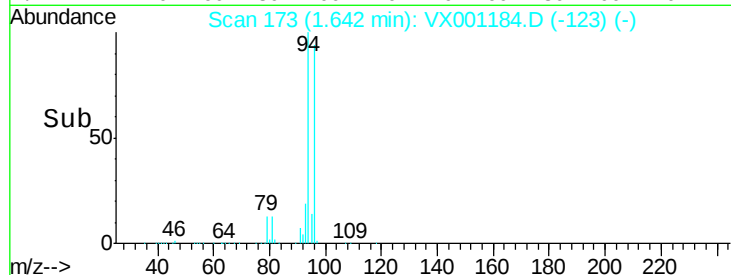


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 52.46 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001184.D

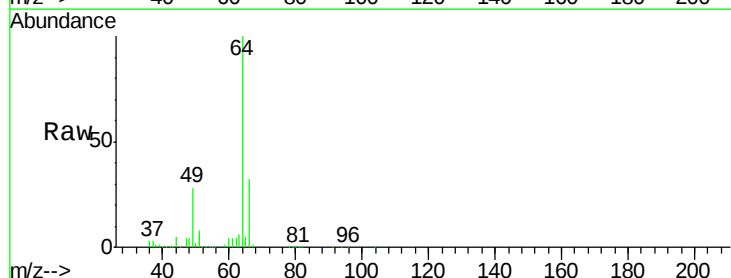
Acq: 27 Apr 2018 21:10

Tgt Ion: 64 Resp: 71040

Ion Ratio Lower Upper

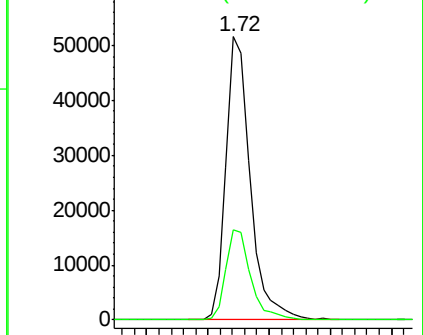
64 100

66 31.8 26.1 39.1

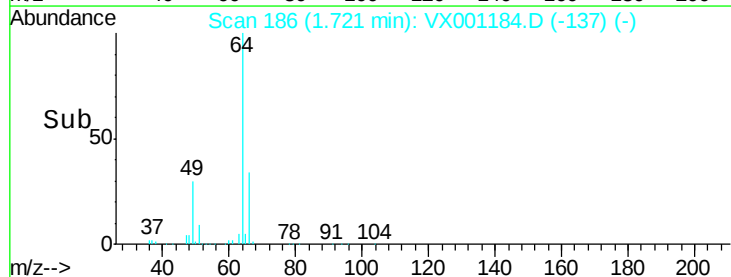


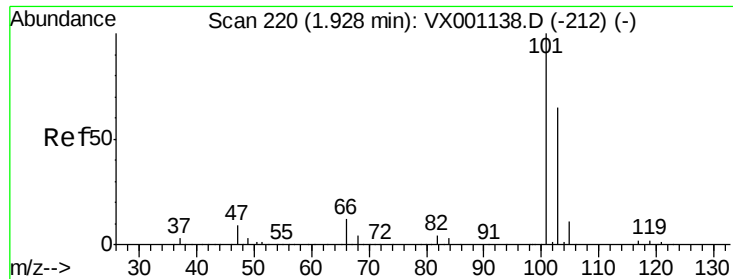
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

Trichlorofluoromethane

Concen: 53.48 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

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VSTDCCC050EC

Tot Ion:101 Resp: 185837

Ion Ratio Lower Upper

101 100

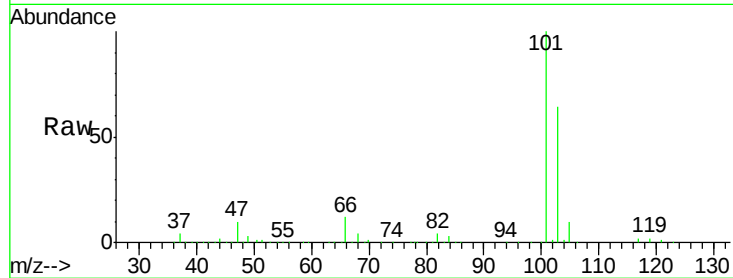
103 63.5 51.9 77.9

Manual Integrations

APPROVED

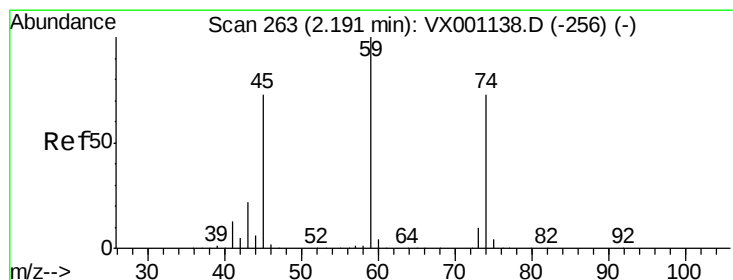
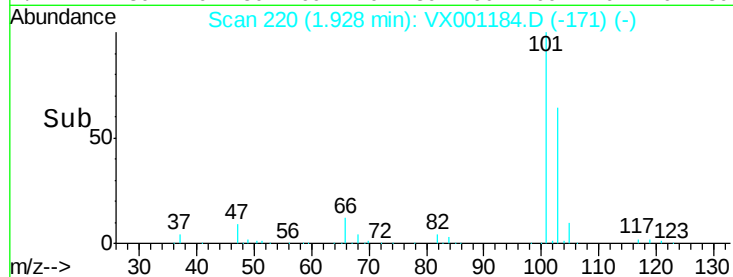
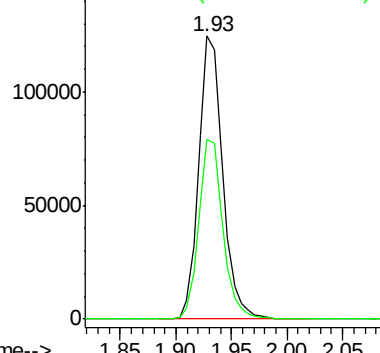
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4/30/2018 6:04:39 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 52.18 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001184.D

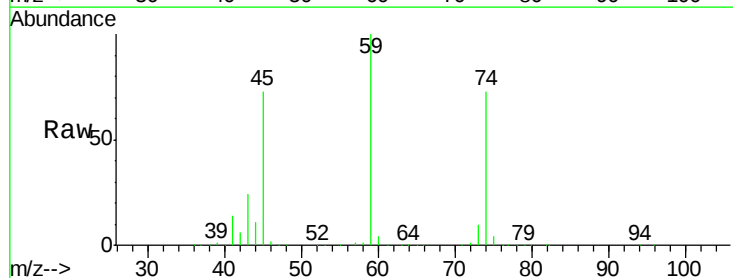
Acq: 27 Apr 2018 21:10

Tgt Ion: 74 Resp: 69715

Ion Ratio Lower Upper

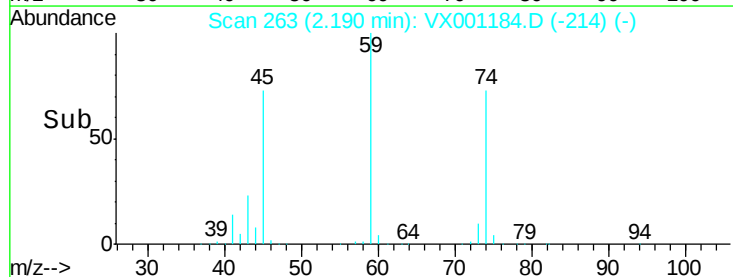
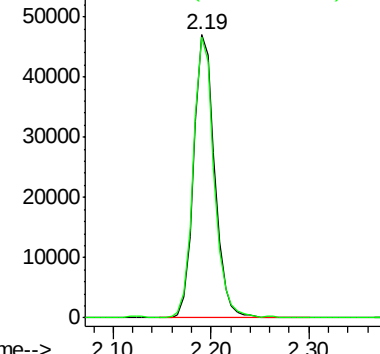
74 100

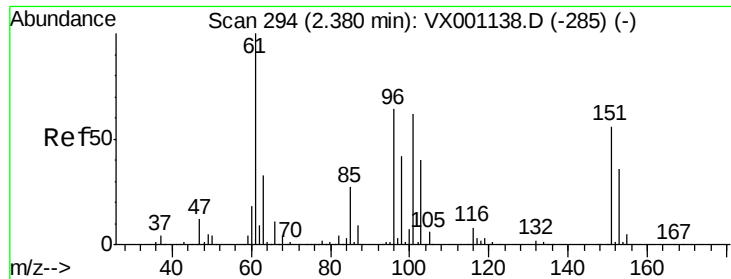
45 98.2 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001184.D

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MSVOA_X

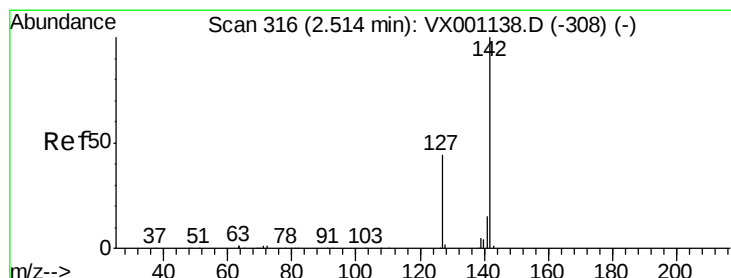
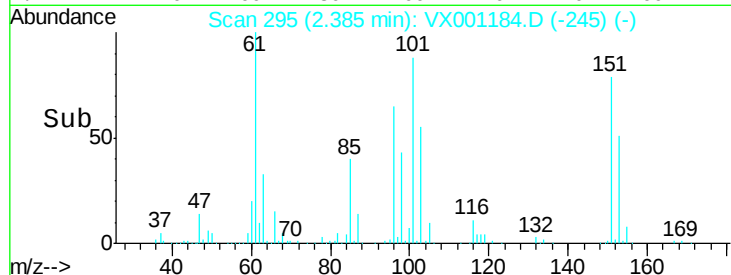
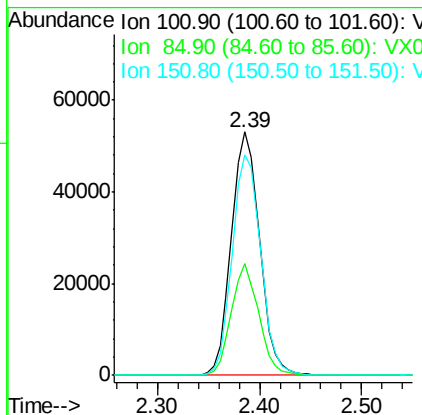
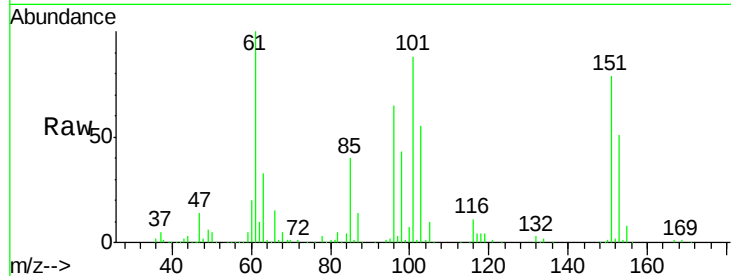
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	102015
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.4	53.0
151	91.4	74.2	111.4

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#10

Methyl Iodide

Concen: 37.34 ug/l

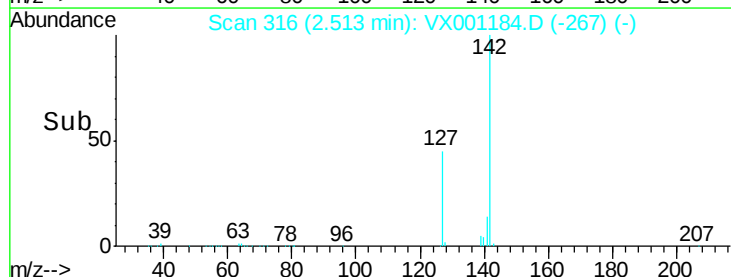
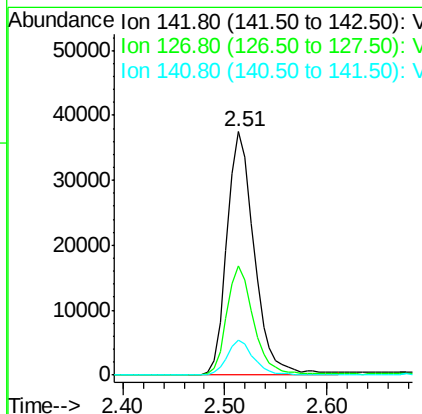
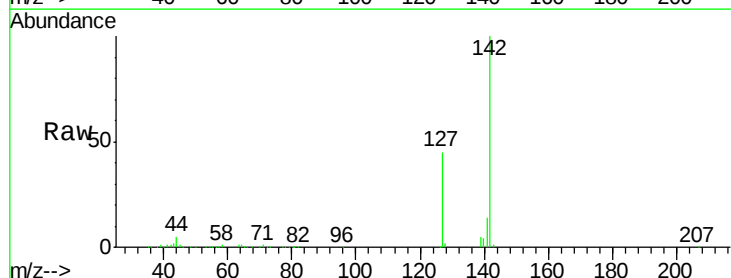
RT: 2.51 min Scan# 316

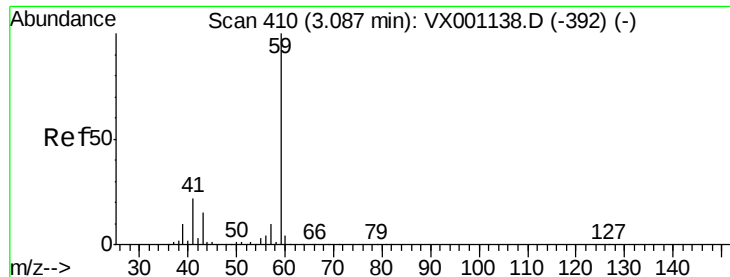
Delta R.T. 0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	142	Resp:	70051
Ion Ratio	Lower	Upper	
142	100		
127	43.9	34.7	52.1
141	13.8	11.6	17.4





#11

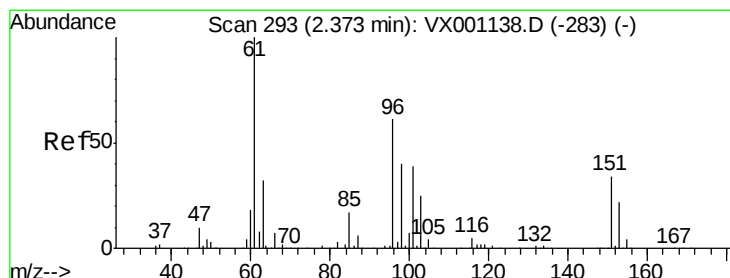
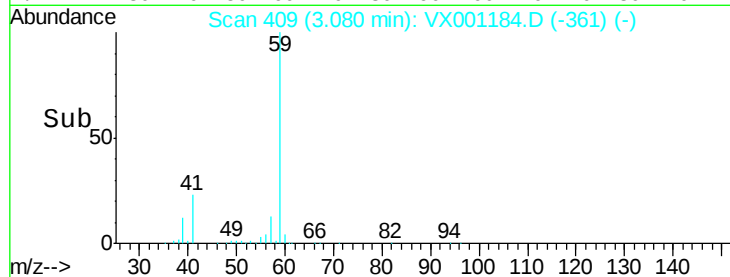
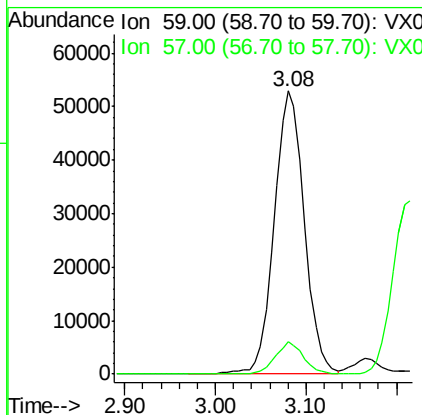
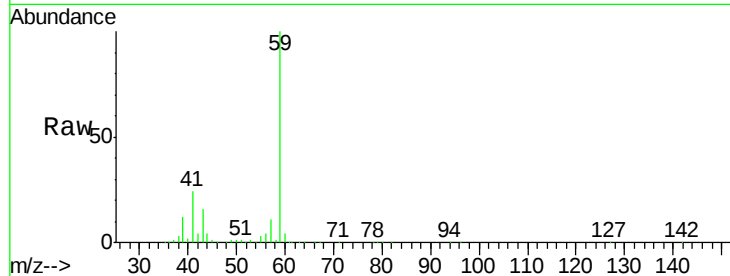
Tert butyl alcohol
 Concen: 214.91 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

Manual Integrations
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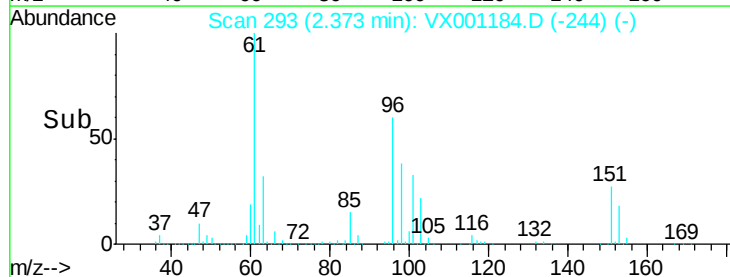
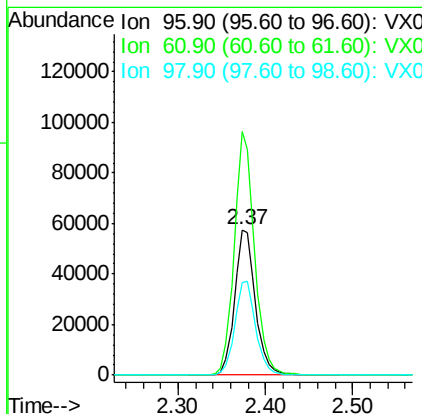
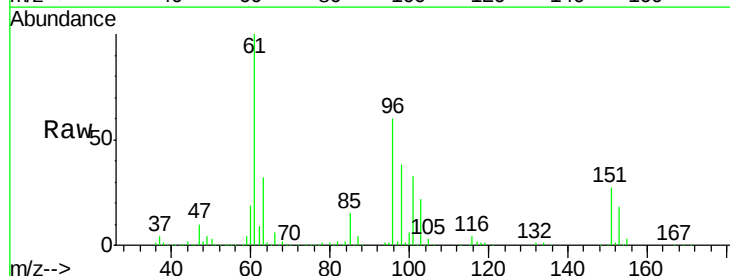
MMDadoda
 4/30/2018 6:04:39 PM

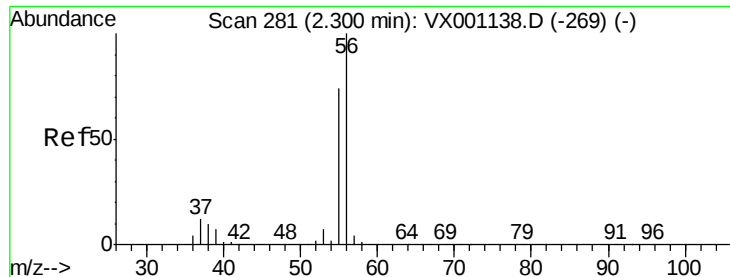


#12

1,1-Dichloroethene
 Concen: 51.09 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.1	130.2	195.4
98	63.3	51.5	77.3





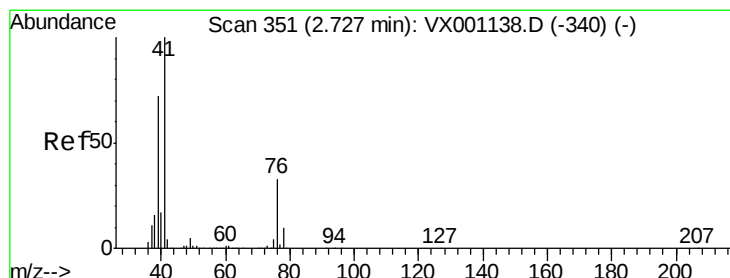
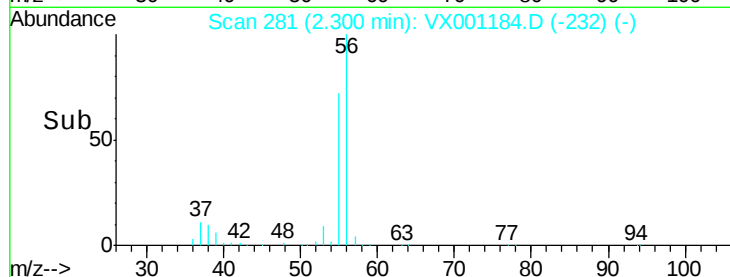
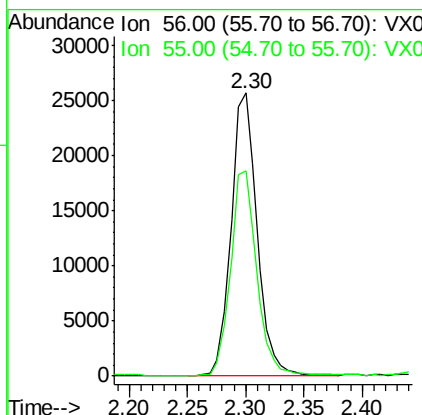
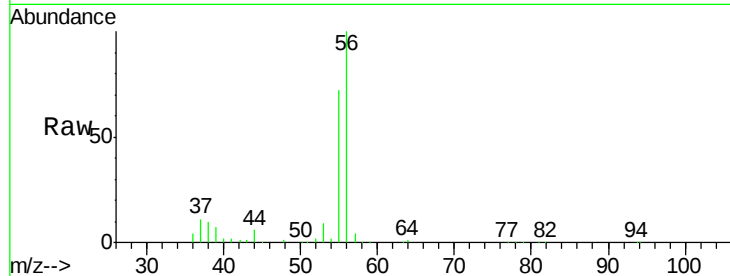
#13
Acrolein
Concen: 188.41 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	73.2	57.2	85.8

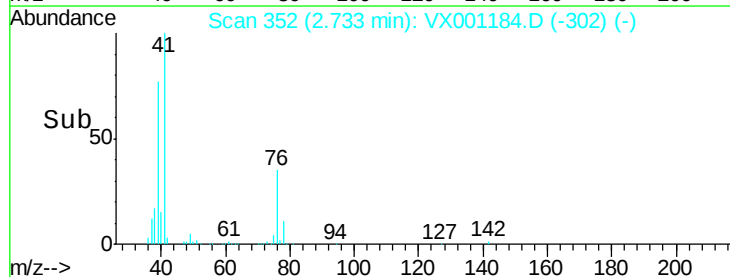
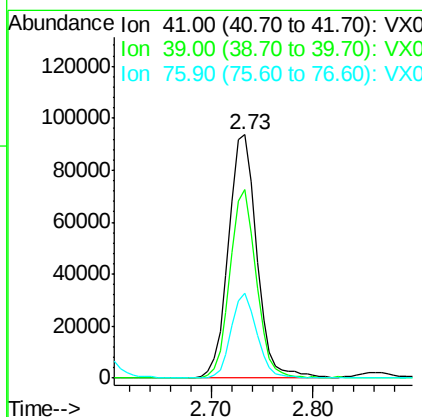
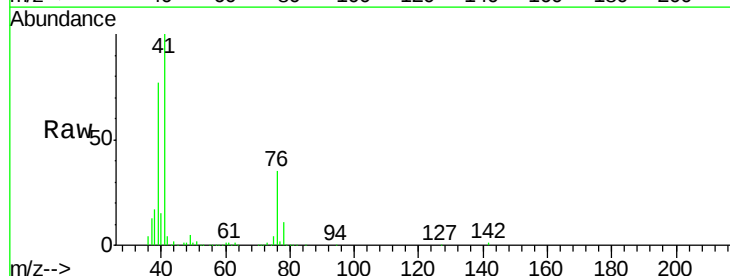
Manual Integrations
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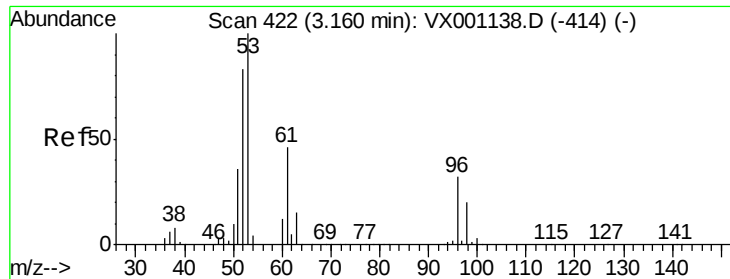
MMDadoda
4/30/2018 6:04:39 PM



#14
Allyl chloride
Concen: 52.78 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	71.9	55.6	83.4
76	76	31.4	24.8	37.2





#15

Acrylonitrile

Concen: 236.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

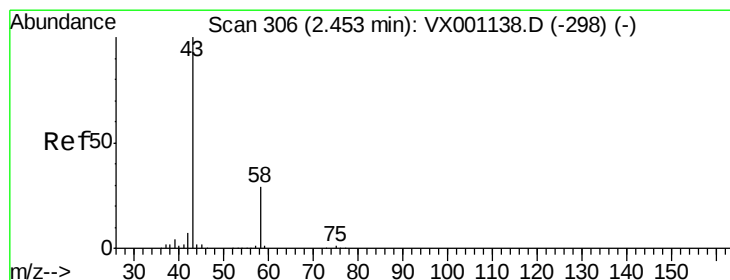
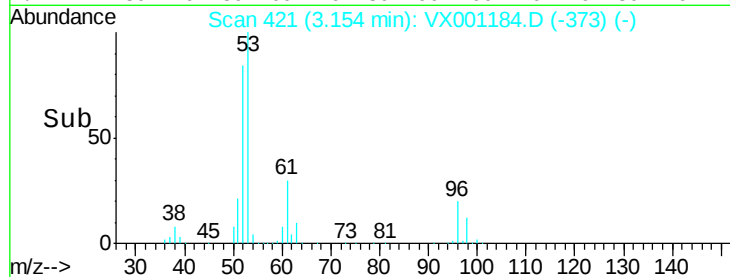
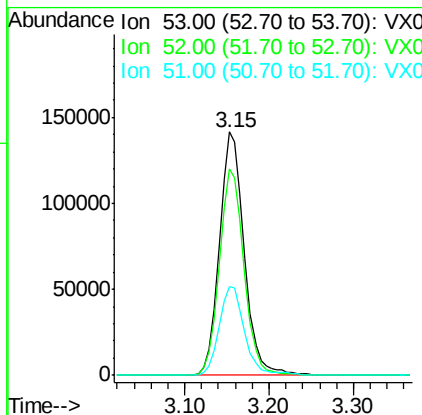
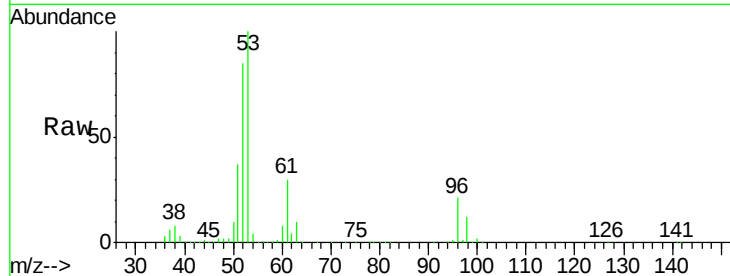
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	284831
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.5	99.7
51	38.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 225.39 ug/l

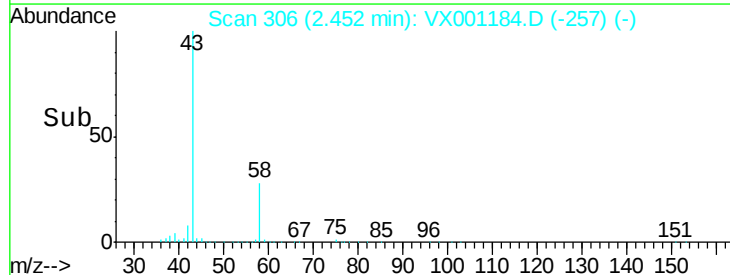
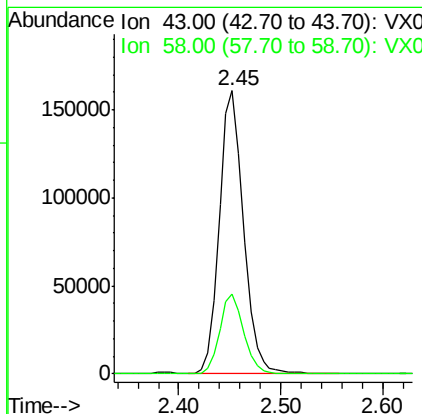
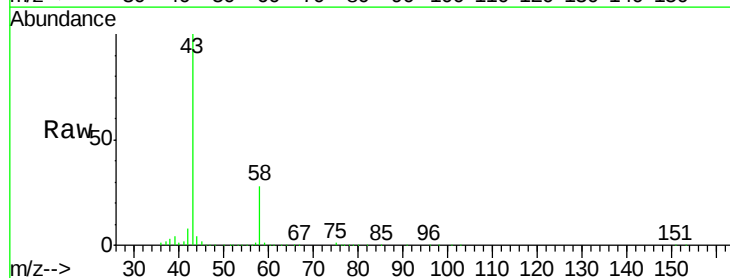
RT: 2.45 min Scan# 306

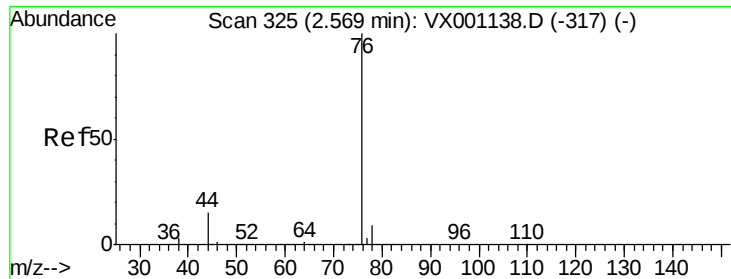
Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	43	Resp:	265283
Ion Ratio	Lower	Upper	
43	100		
58	28.2	23.0	34.6





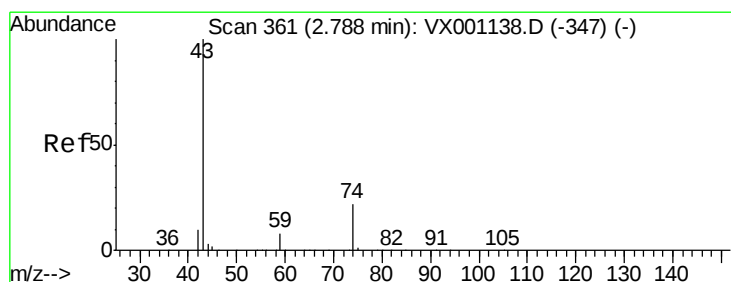
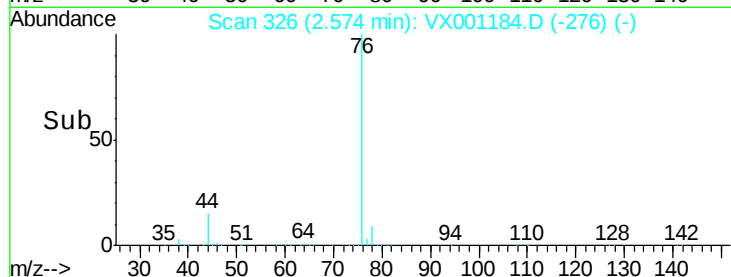
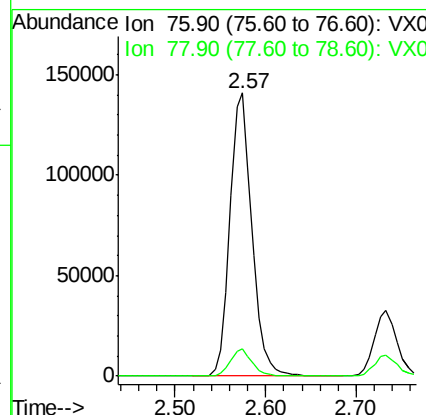
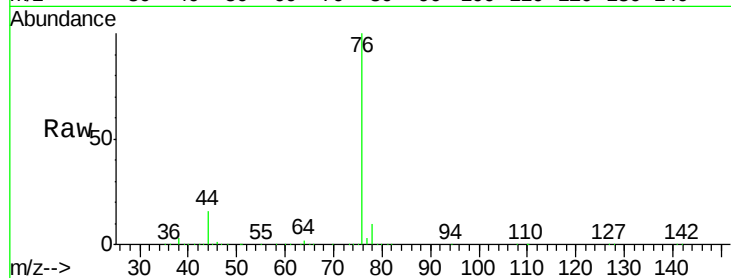
#17
Carbon Disulfide
Concen: 49.74 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

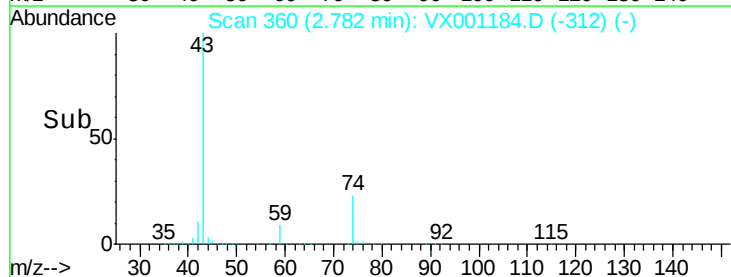
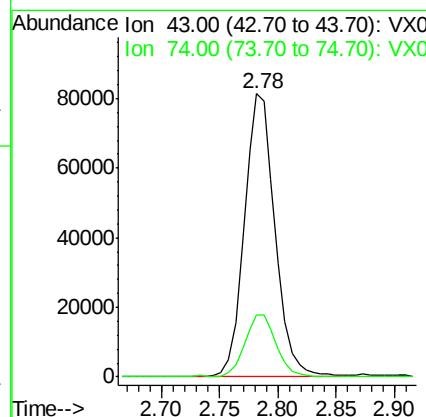
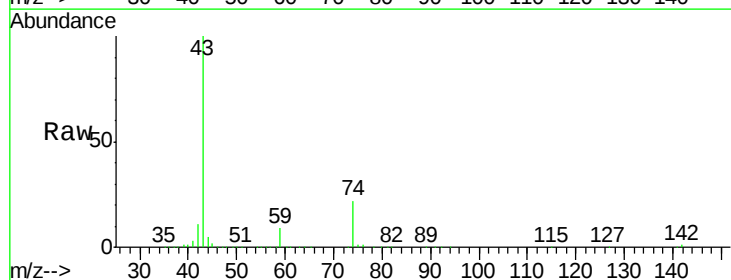
Manual Integrations
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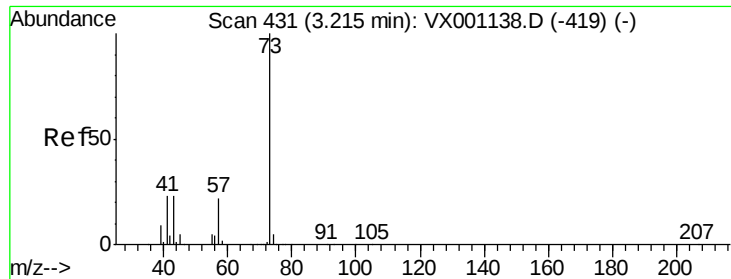
MMDadoda
4/30/2018 6:04:39 PM



#18
Methyl Acetate
Concen: 50.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.1	27.1





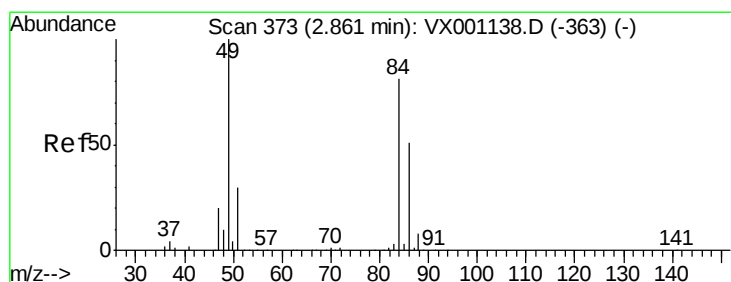
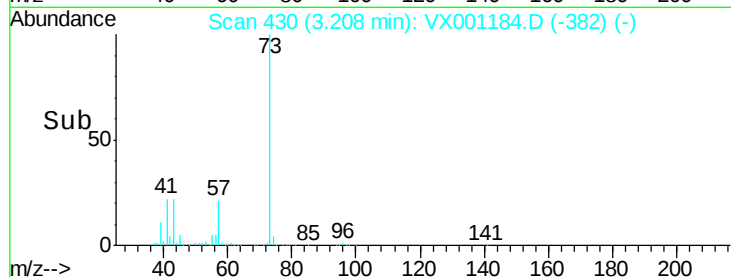
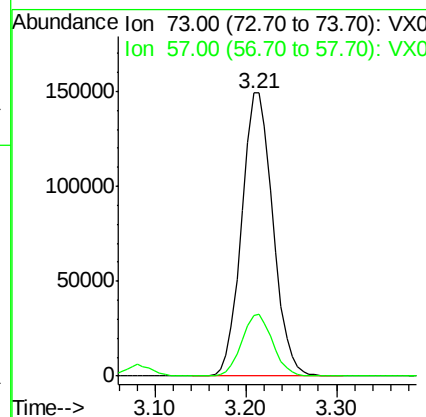
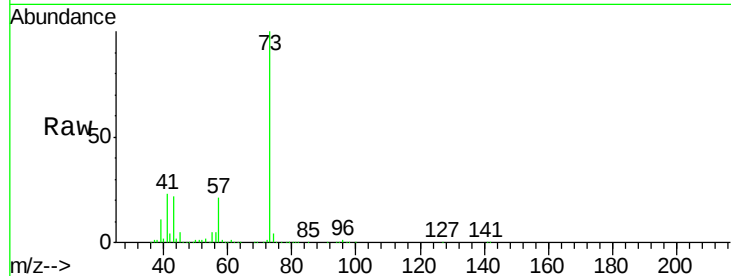
#19
Methyl tert-butyl Ether
Concen: 51.83 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.7	26.5

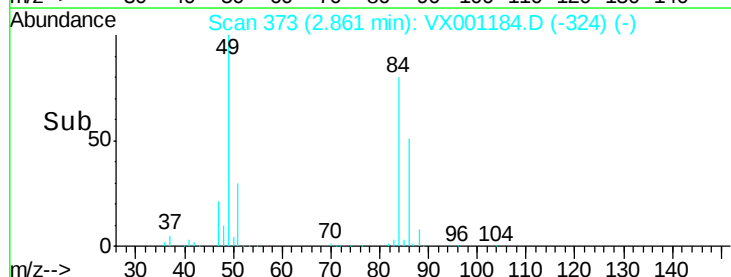
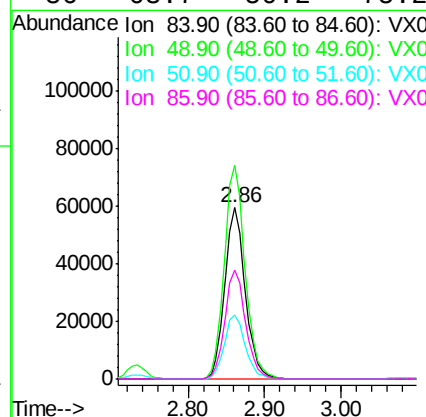
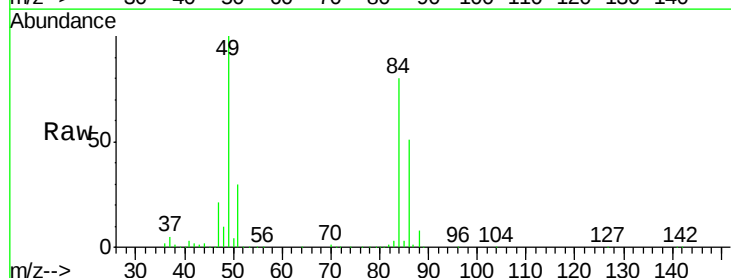
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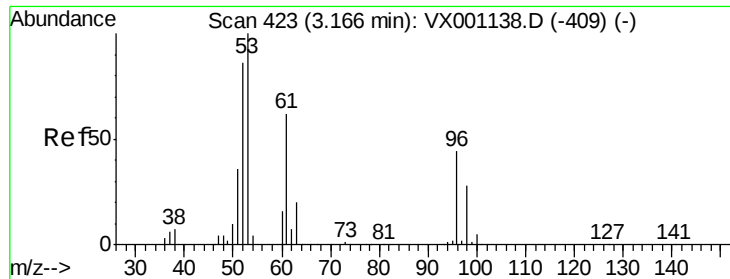
MMDadoda
4/30/2018 6:04:39 PM



#20
Methylene Chloride
Concen: 50.39 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	99.2	148.8
51	37.4	29.5	44.3
86	63.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 51.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

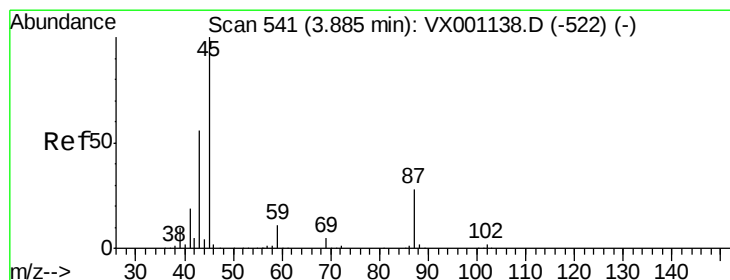
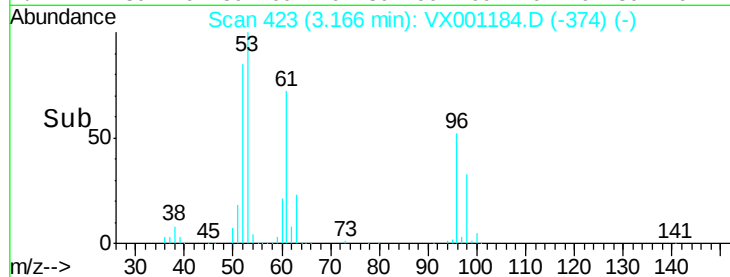
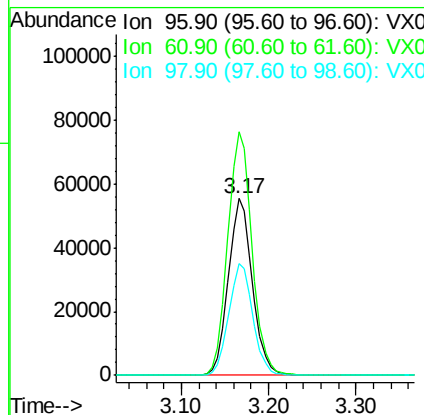
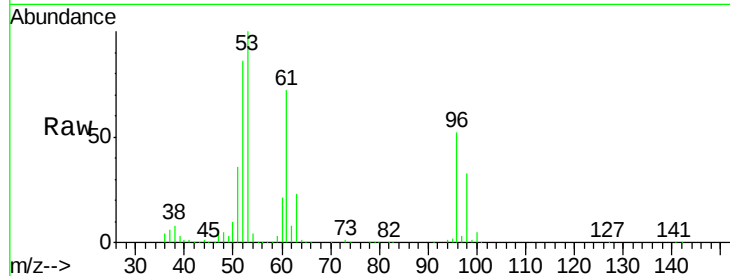
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	105771
Ion	Ratio	Lower	Upper
96	100		
61	137.8	111.9	167.9
98	62.9	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.22 ug/l

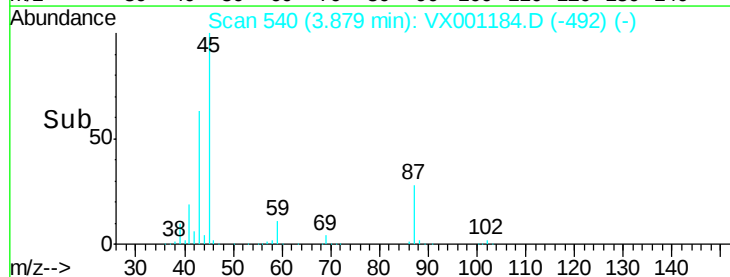
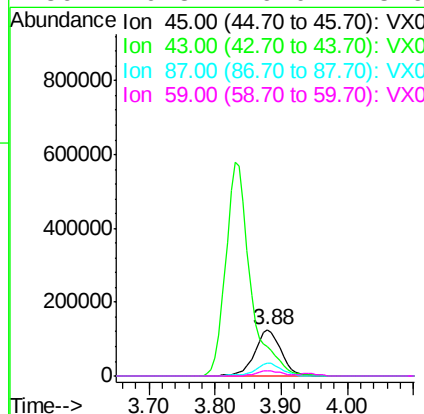
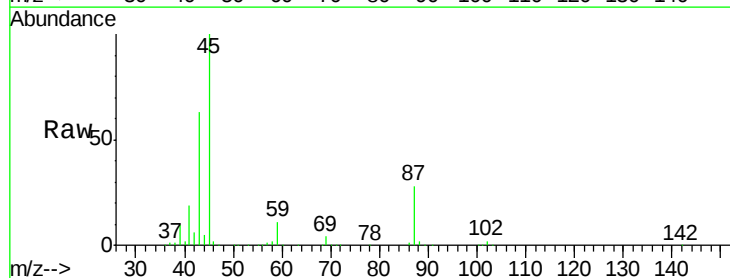
RT: 3.88 min Scan# 540

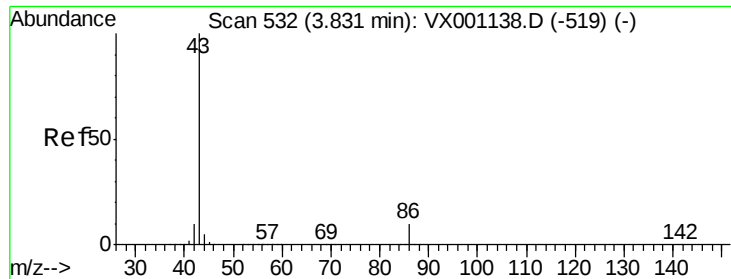
Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	45	Resp:	349052
Ion	Ratio	Lower	Upper
45	100		
43	62.7	45.0	67.4
87	28.0	22.8	34.2
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 260.58 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1506590

Ion Ratio Lower Upper

43 100

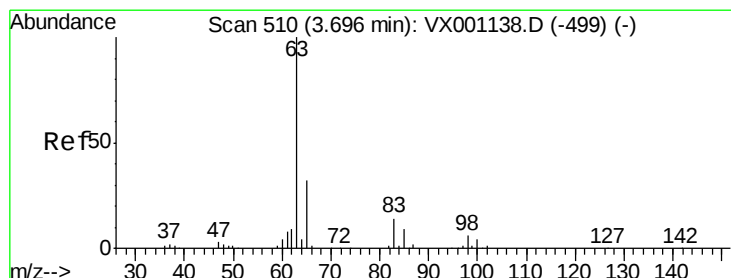
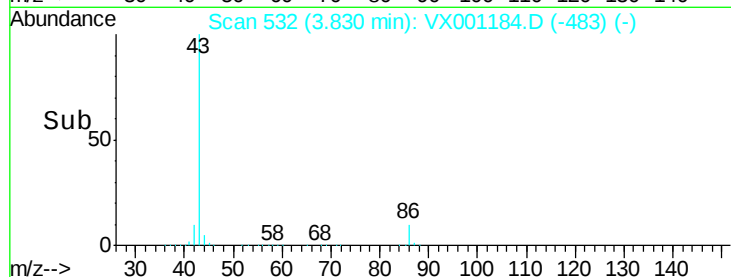
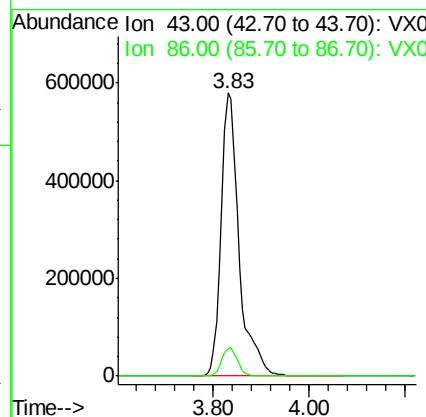
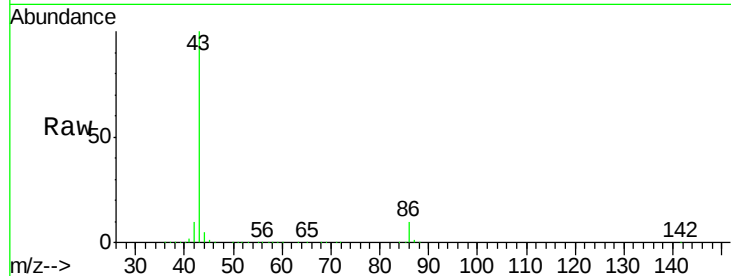
86 9.8 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.25 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

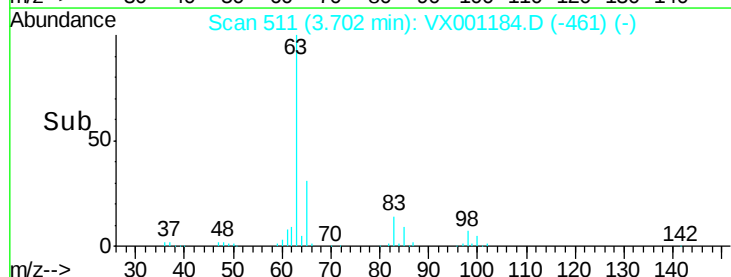
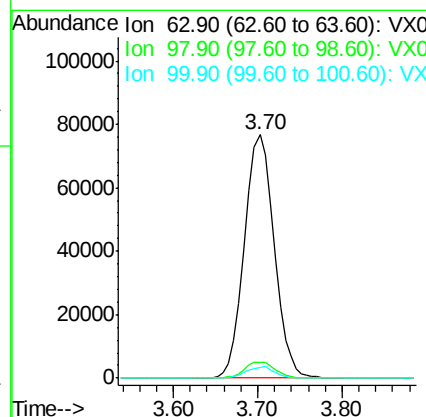
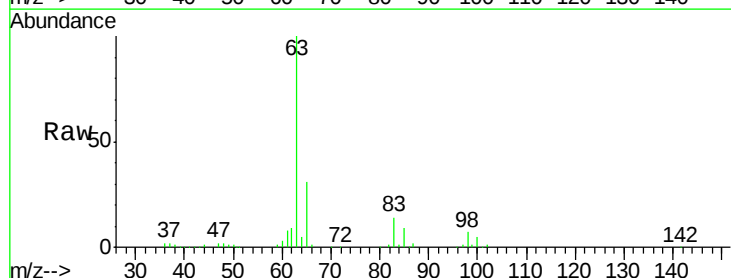
Tgt Ion: 63 Resp: 183582

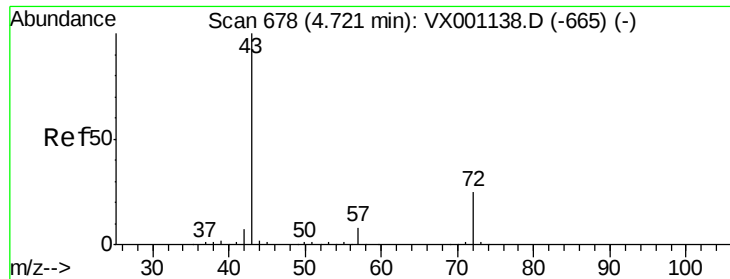
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 223.39 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 393409

Ion Ratio Lower Upper

43 100

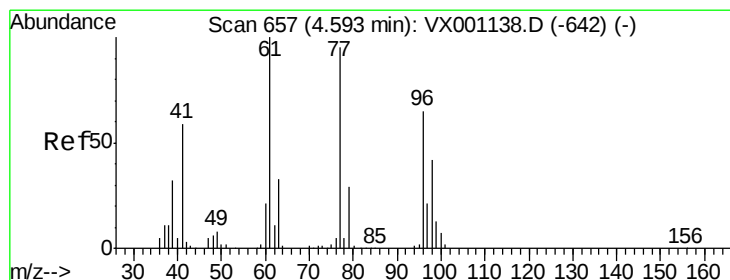
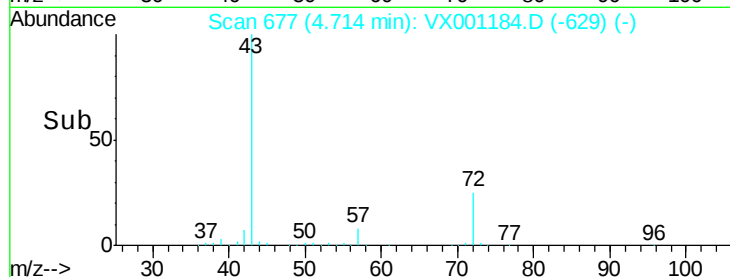
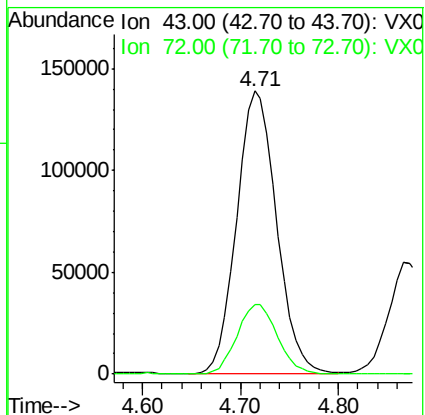
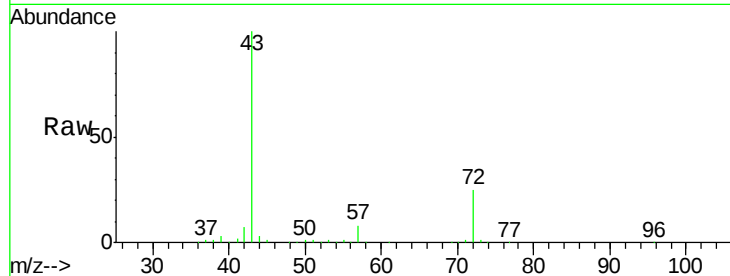
72 24.6 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.89 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001184.D

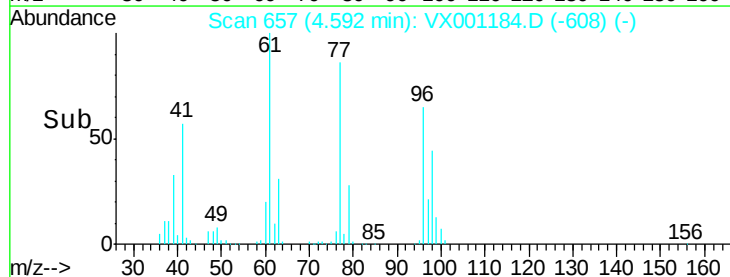
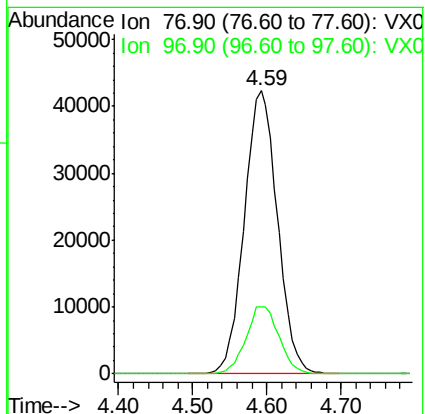
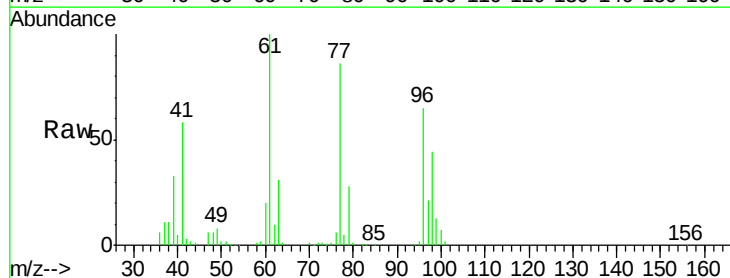
Acq: 27 Apr 2018 21:10

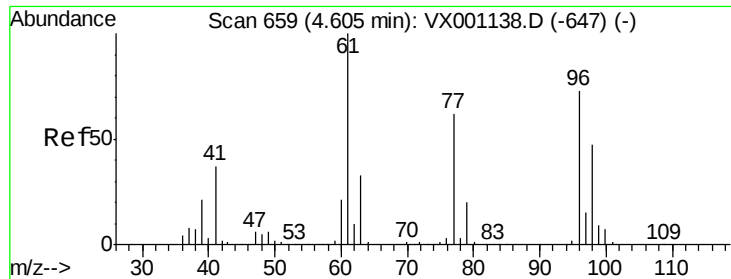
Tgt Ion: 77 Resp: 132202

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.85 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

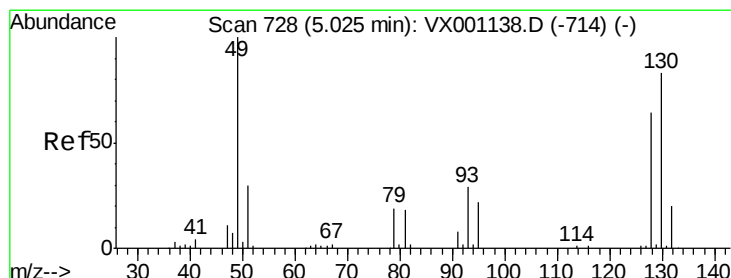
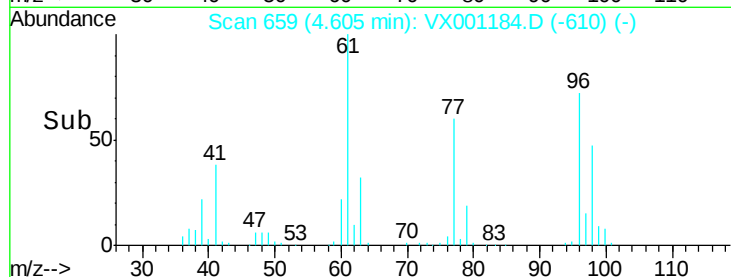
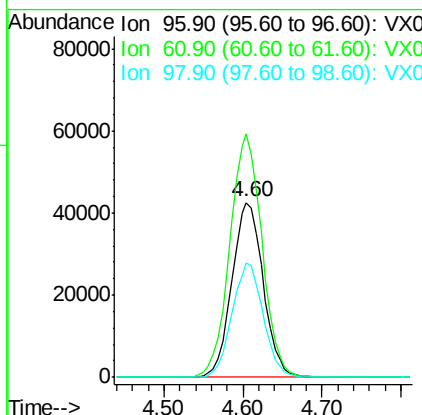
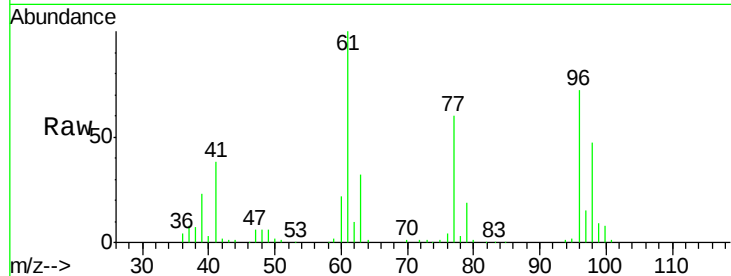
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	117170
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	289.0
98	65.4	0.0	128.2

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#28

Bromochloromethane

Concen: 56.47 ug/l

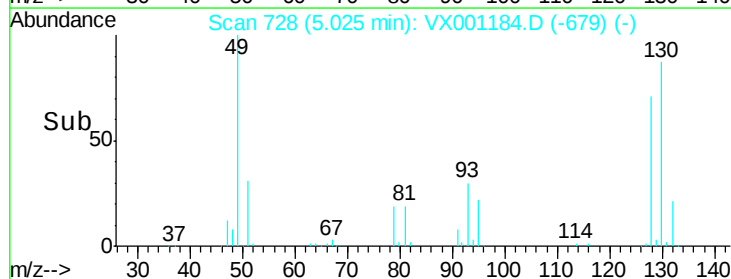
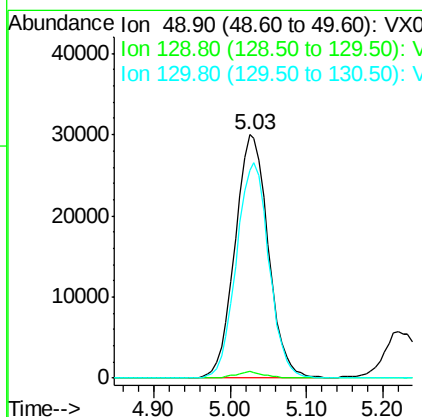
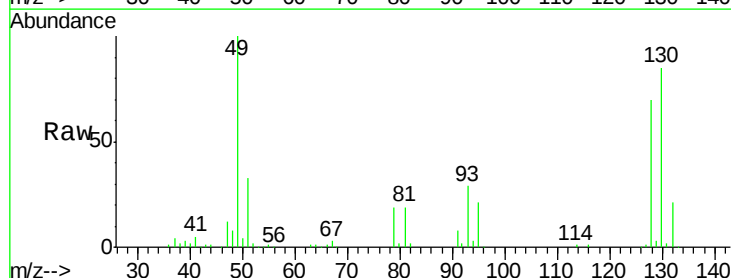
RT: 5.03 min Scan# 728

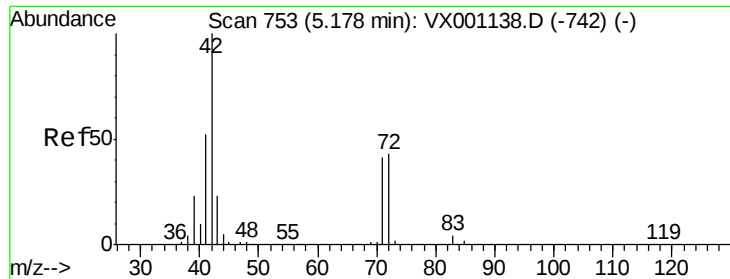
Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	49	Resp:	90693
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	86.6	68.2	102.2





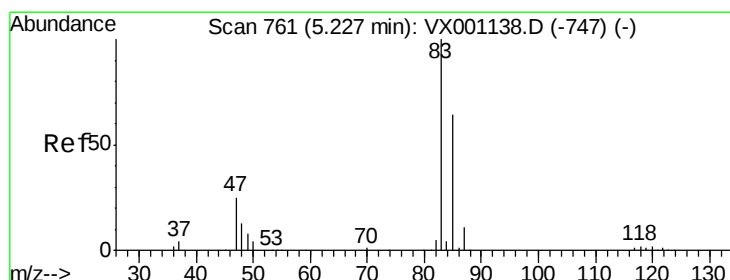
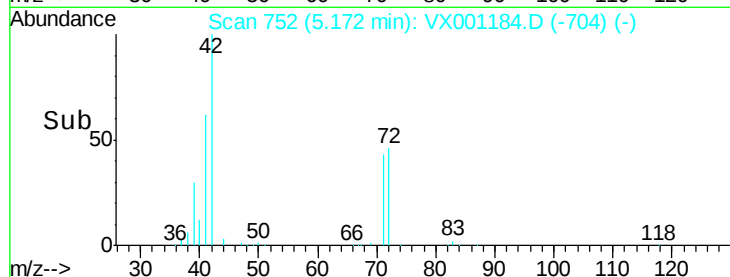
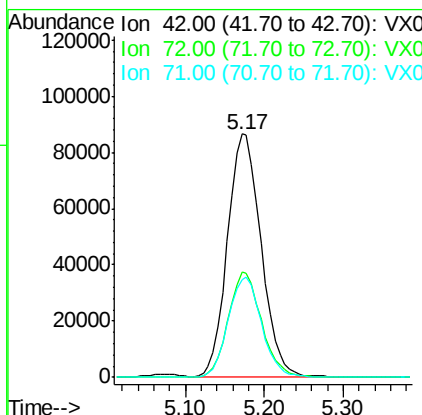
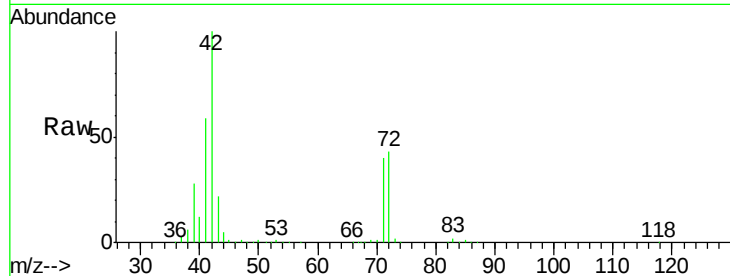
#29
Tetrahydrofuran
Concen: 225.95 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	255850
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.4	51.6
71	41.1	32.1	48.1

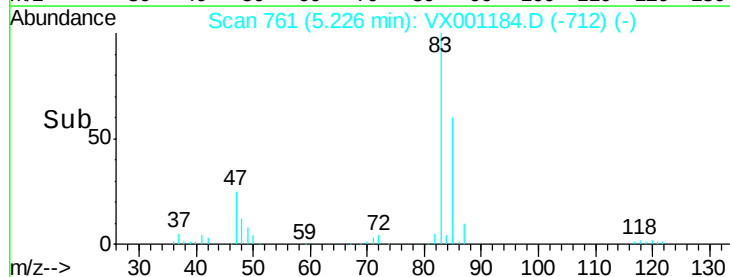
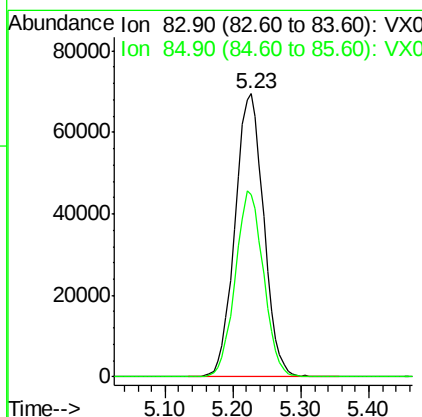
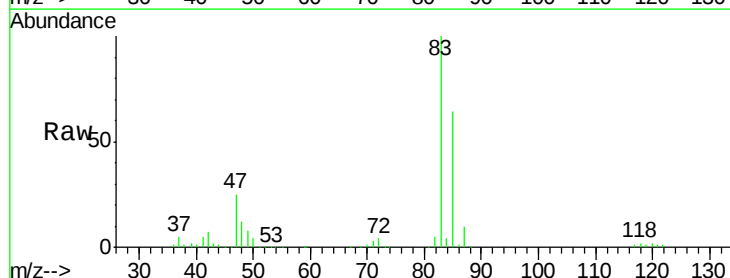
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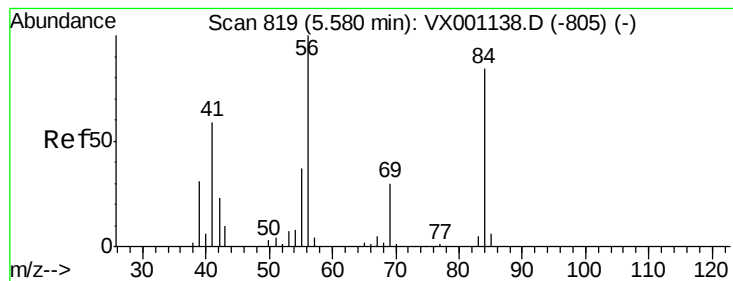
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#30
Chloroform
Concen: 53.44 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:	83	Resp:	203554
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0





#31

Cyclohexane

Concen: 50.93 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

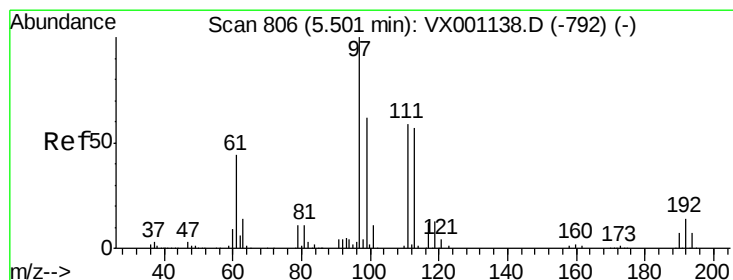
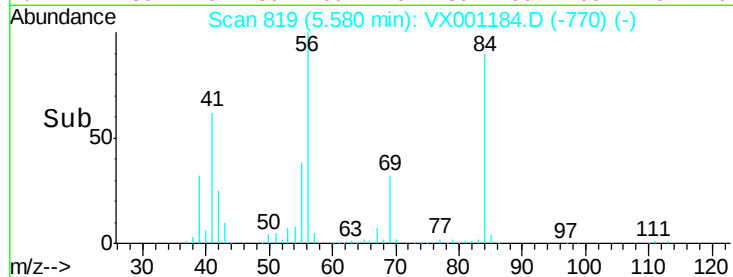
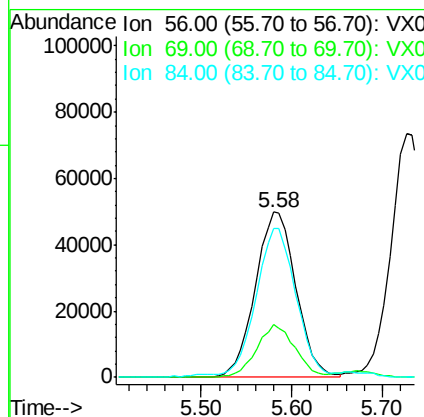
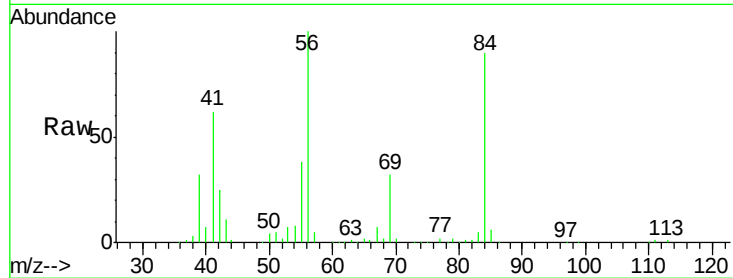
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	154984
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.2	36.2
84	89.2	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 52.82 ug/l

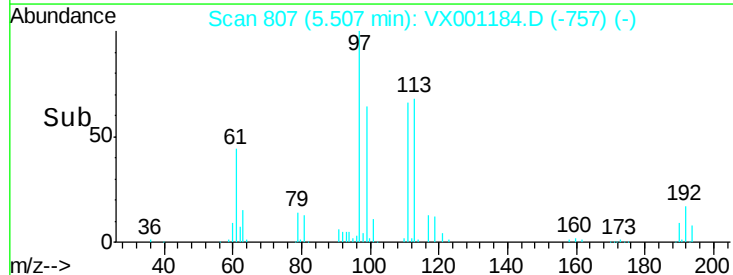
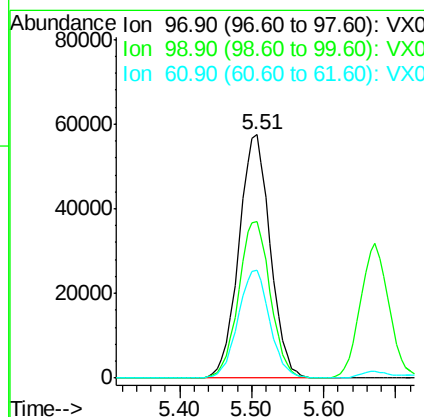
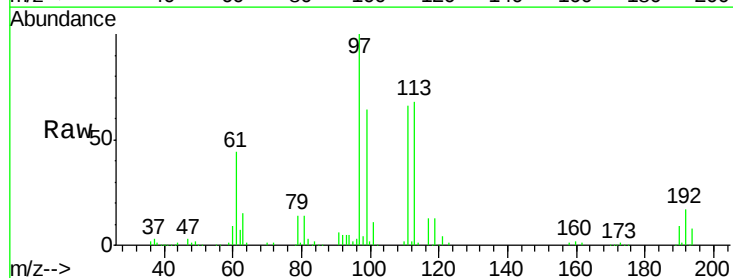
RT: 5.51 min Scan# 807

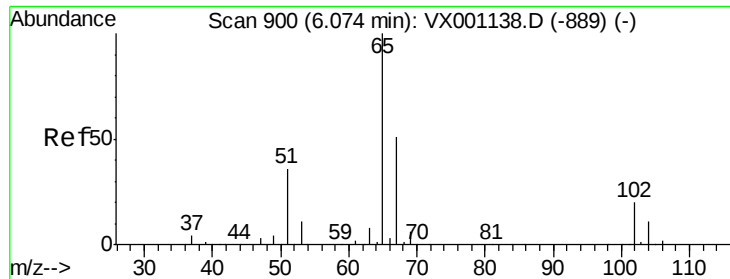
Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	97	Resp:	173691
Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	44.7	35.0	52.6





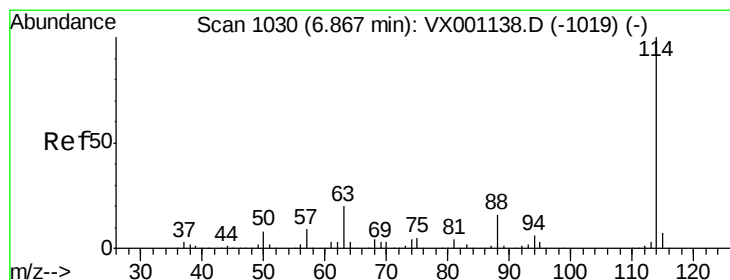
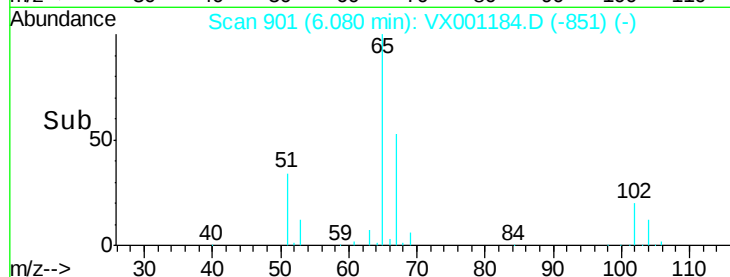
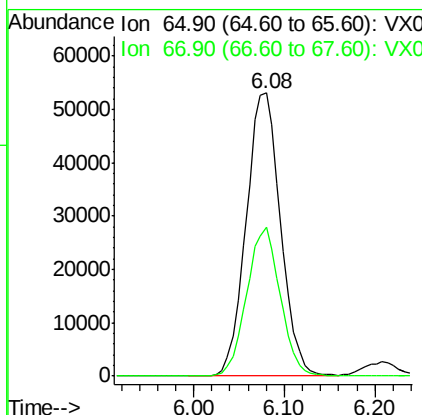
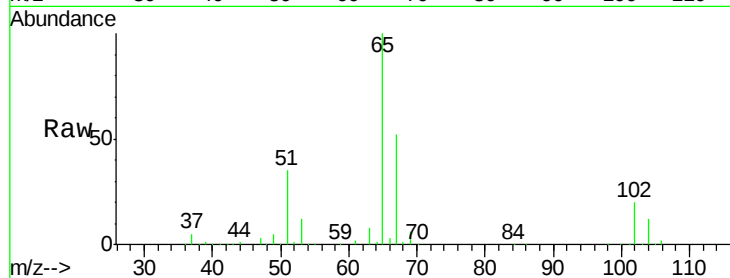
#33
 1,2-Dichloroethane-d4
 Concen: 48.67 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	139308		
67	51.2	0.0	102.2	

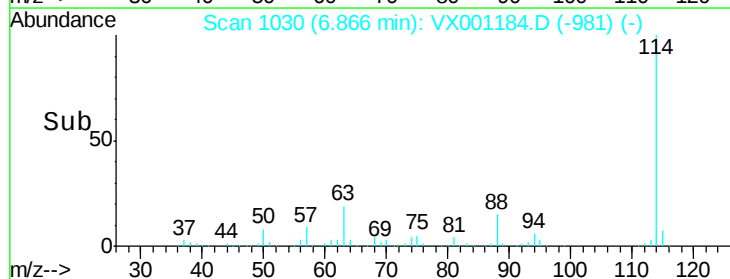
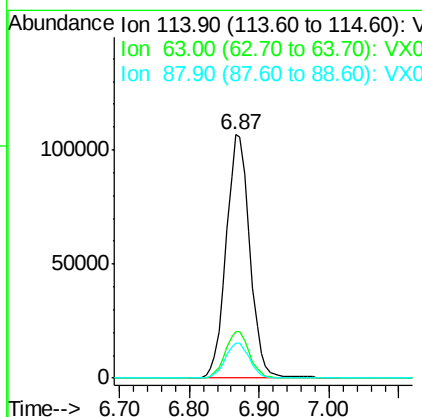
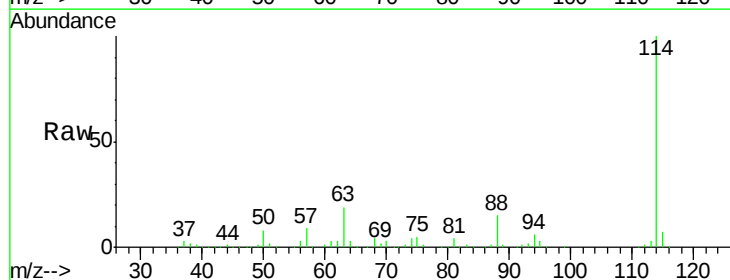
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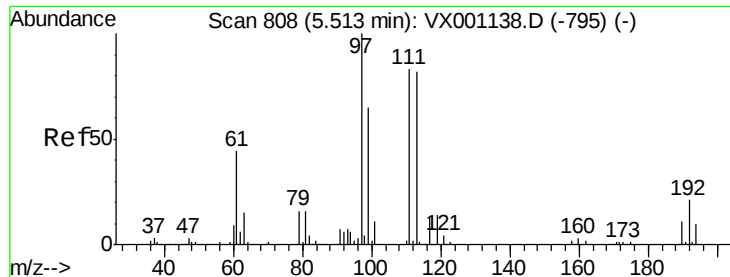
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	250877		
63	19.2	0.0	40.4	
88	14.6	0.0	31.8	





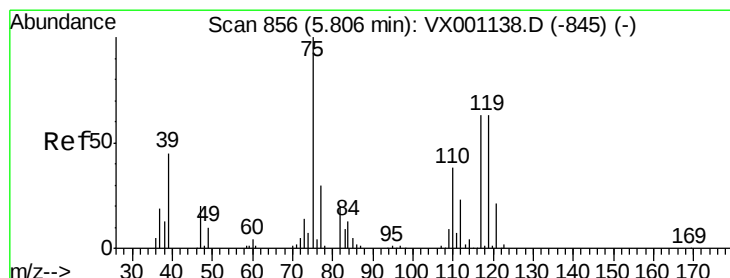
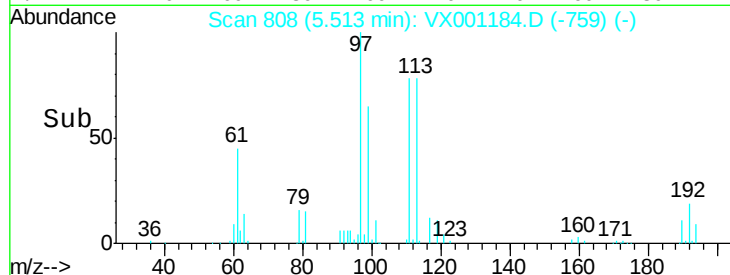
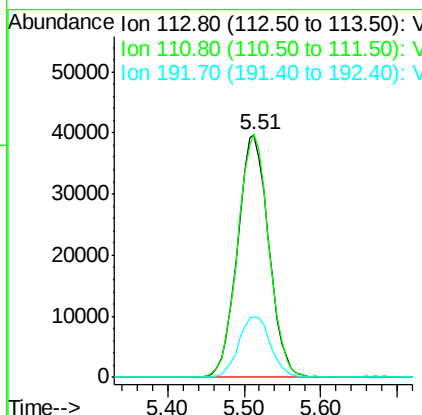
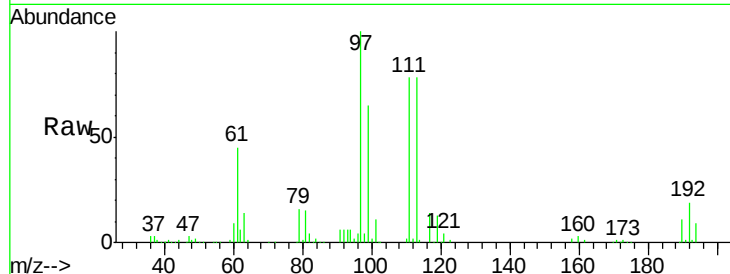
#35
 Dibromofluoromethane
 Concen: 54.09 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112318		
111	100.3	82.2	123.4	
192	25.5	20.6	30.8	

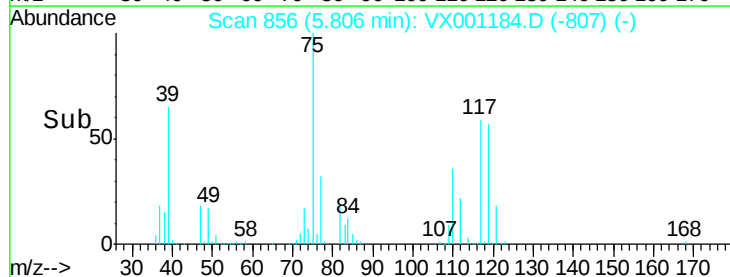
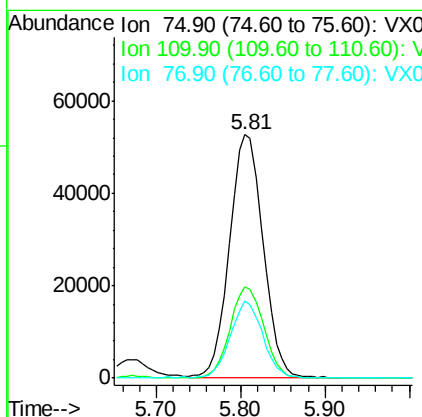
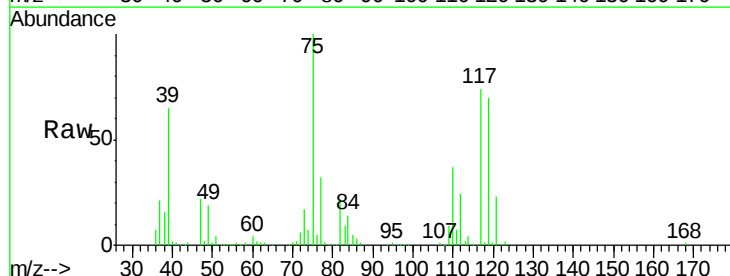
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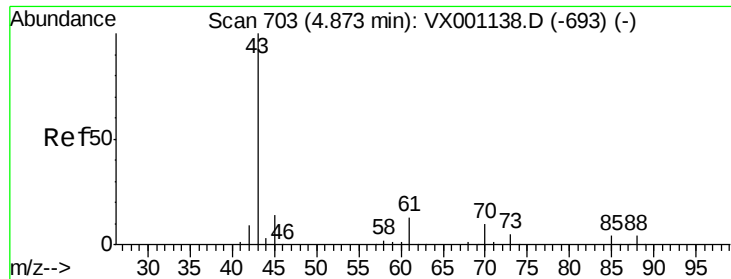
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#36
 1,1-Dichloropropene
 Concen: 51.34 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	141926		
110	37.7	19.0	57.0	
77	30.9	24.8	37.2	





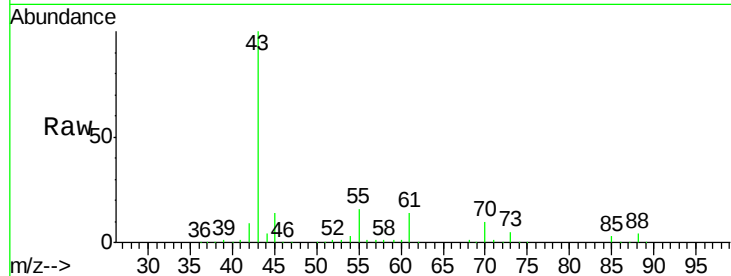
#37
Ethyl Acetate
Concen: 47.94 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

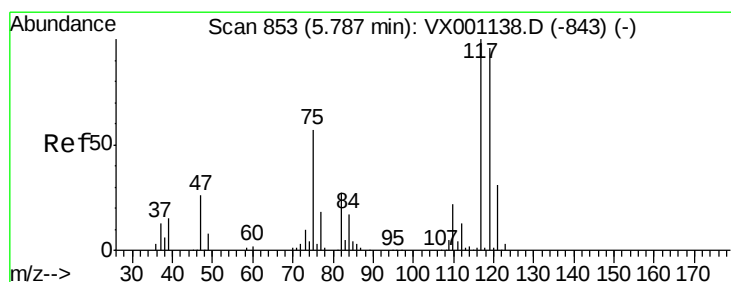
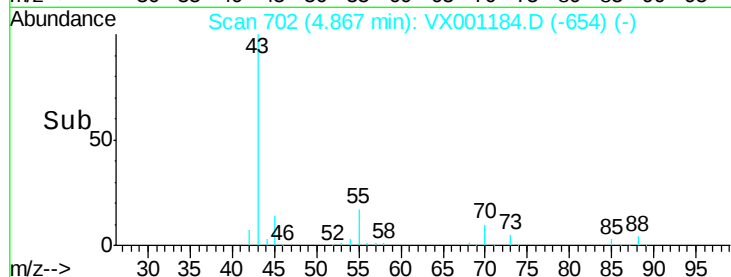
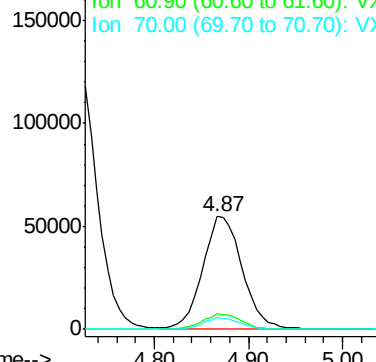
Tot Ion:	43	Resp:	158714
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.9	8.2	12.2

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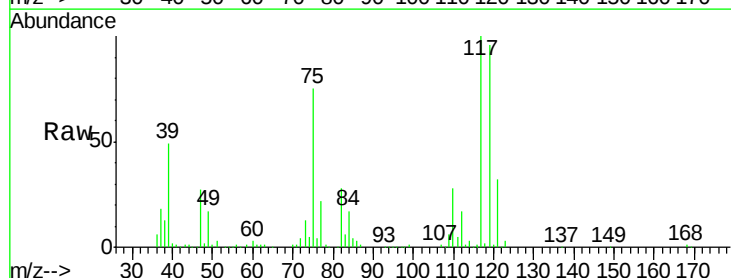


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

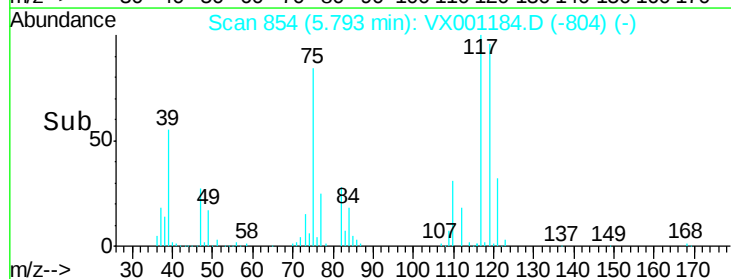
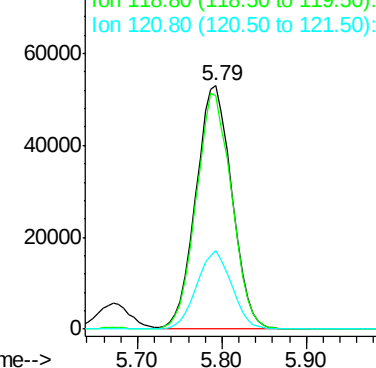


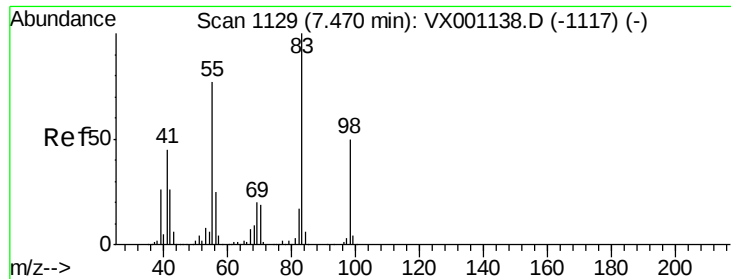
#38
Carbon Tetrachloride
Concen: 54.42 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:	117	Resp:	154282
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
121	32.3	24.6	37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





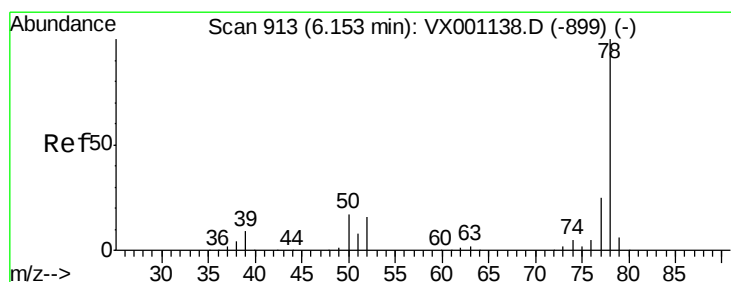
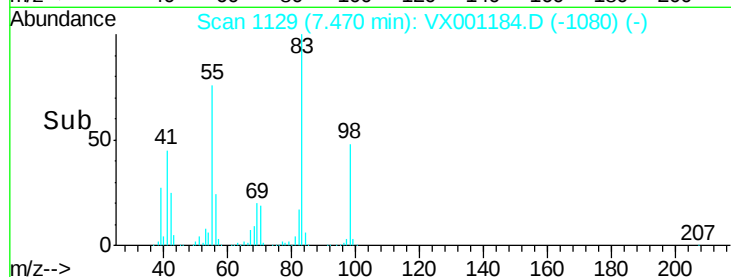
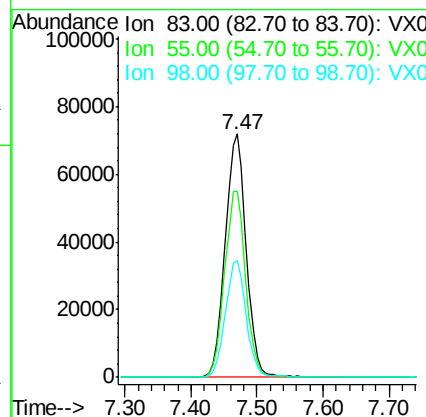
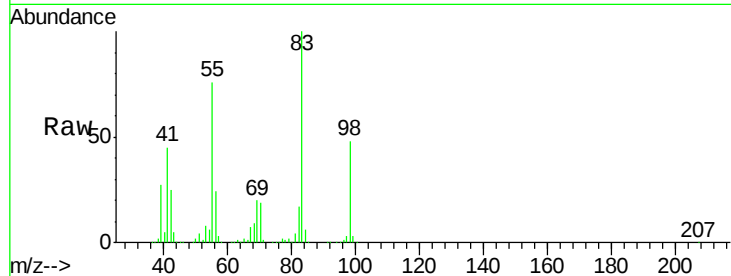
#39
Methvlcvclohexane
Concen: 51.70 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	158170		
55	76.5		61.8	92.6
98	47.9		40.0	60.0

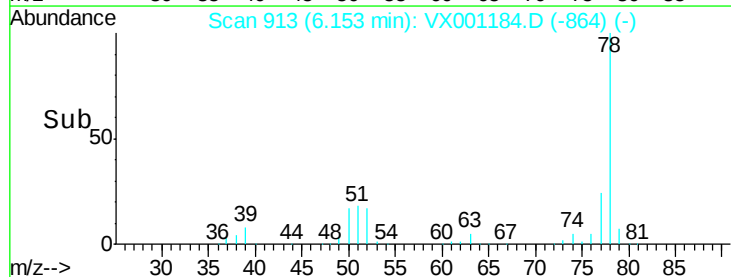
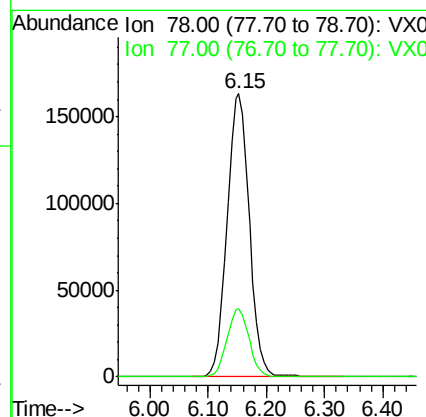
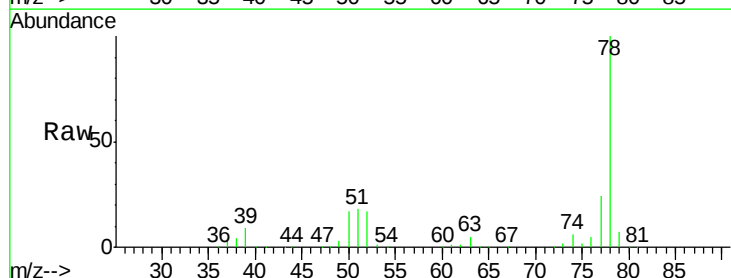
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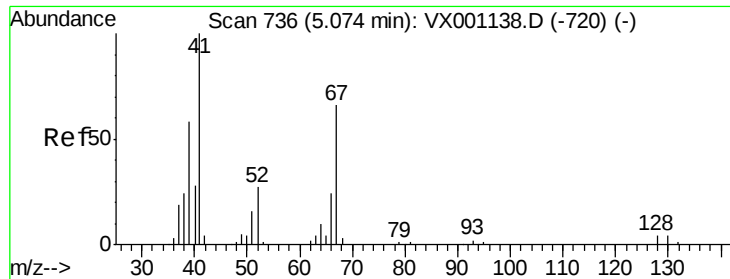
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#40
Benzene
Concen: 54.11 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	432704		
77	24.3		19.7	29.5





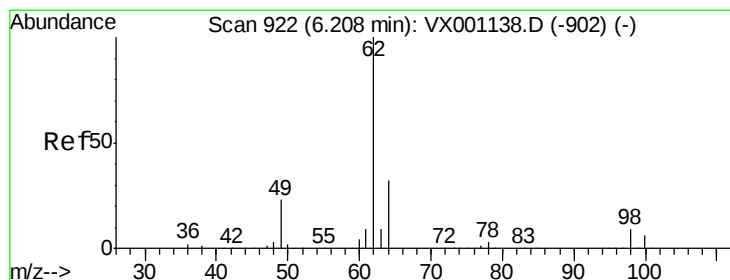
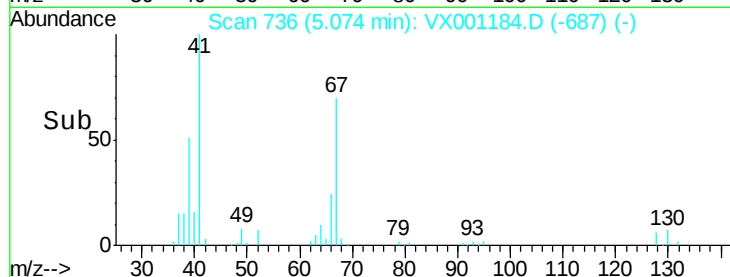
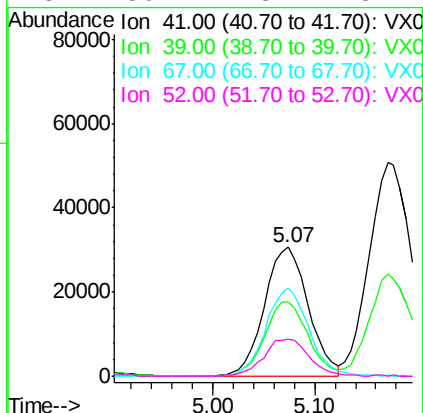
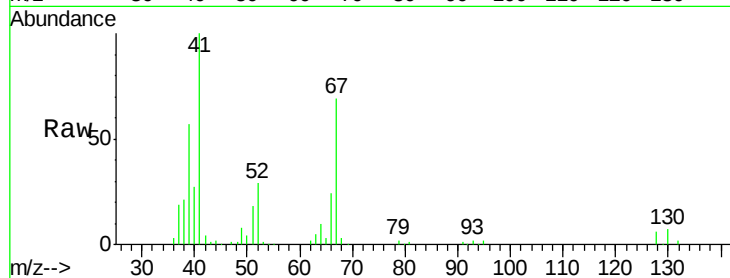
#41
Methacrylonitrile
Concen: 48.95 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	45.9	68.9	
67	67.6	53.2	79.8	
52	30.1	23.1	34.7	

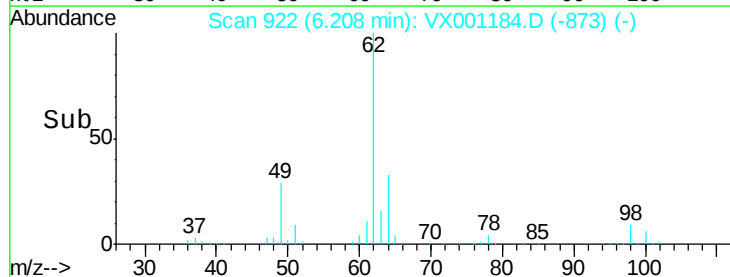
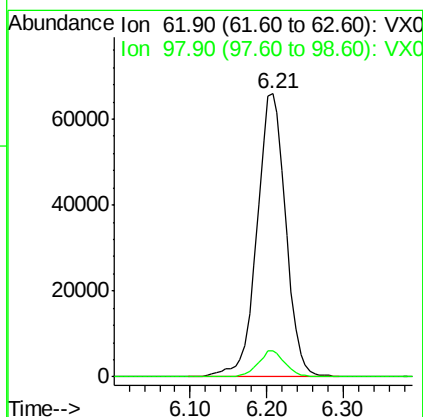
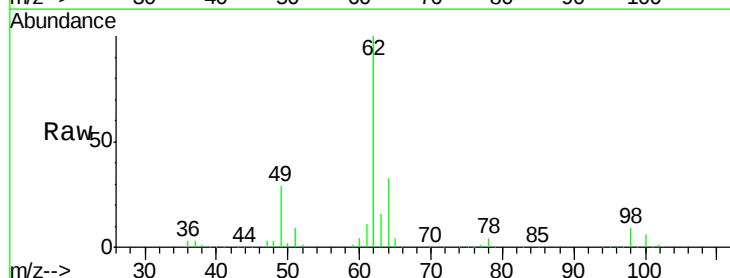
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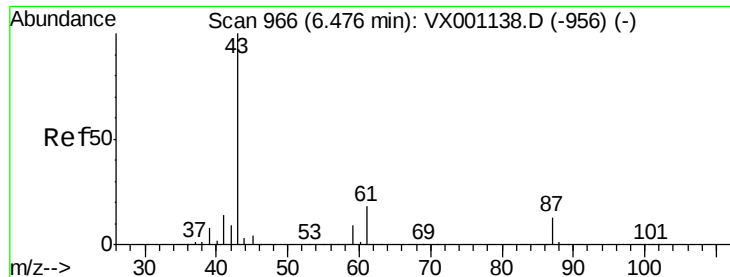
MMDadoda
4/30/2018 6:04:39 PM



#42
1,2-Dichloroethane
Concen: 53.71 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.0	





#43

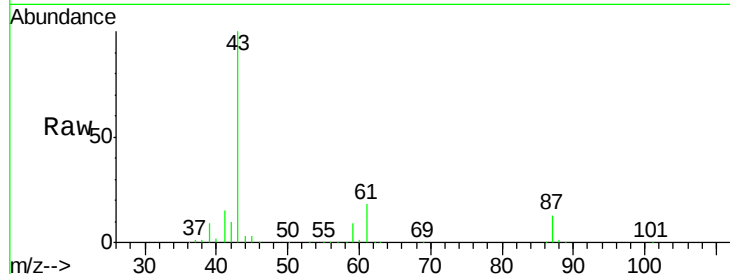
Isopropyl Acetate
 Concen: 50.35 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

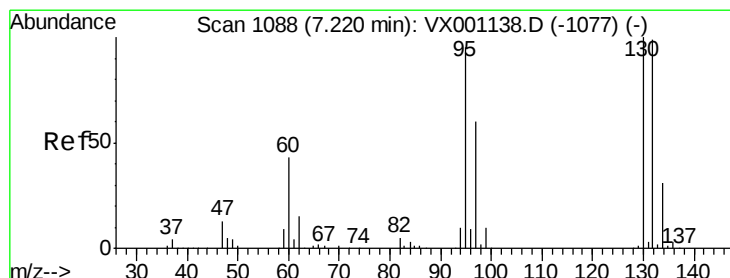
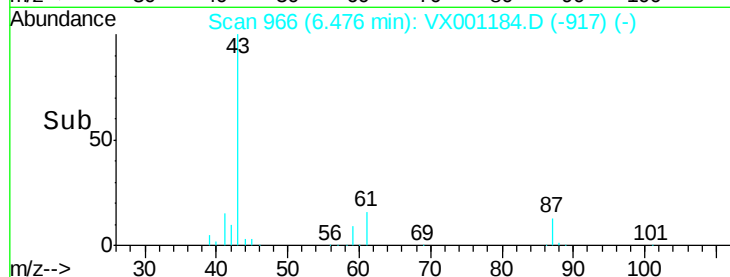
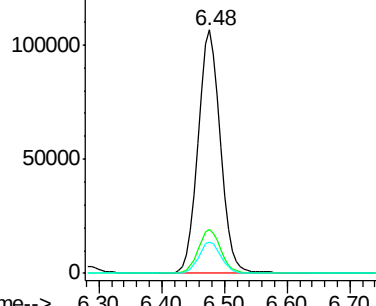
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.0	22.6
87	12.8	10.3	15.5

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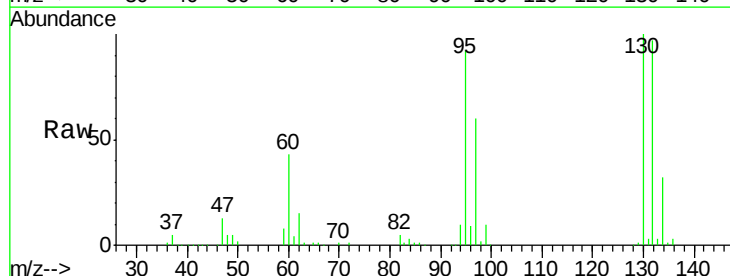
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



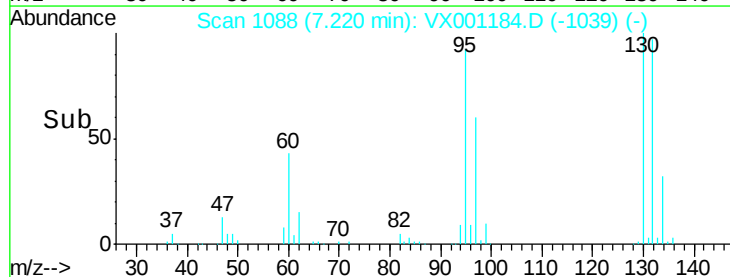
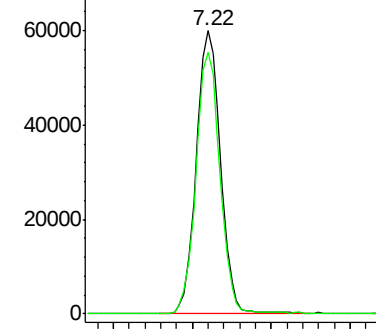
#44

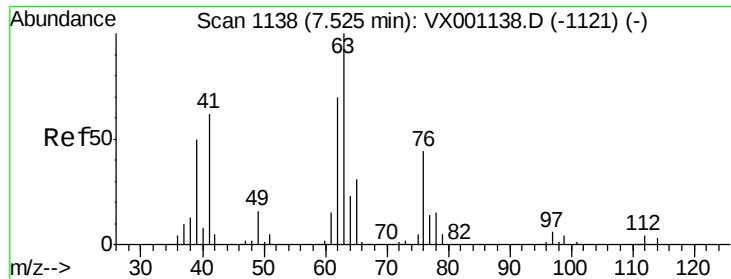
Trichloroethene
 Concen: 53.95 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	189.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





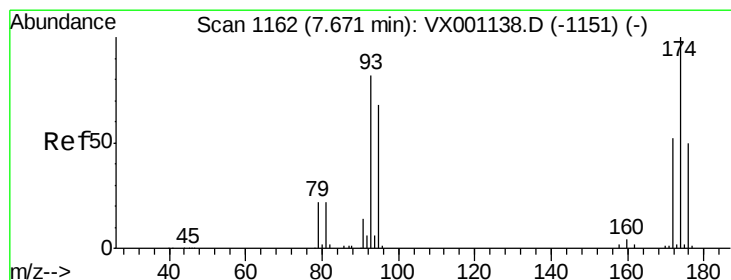
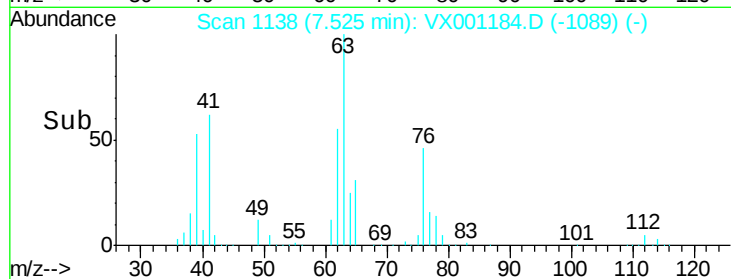
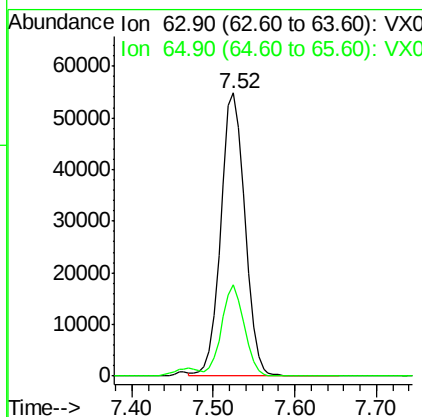
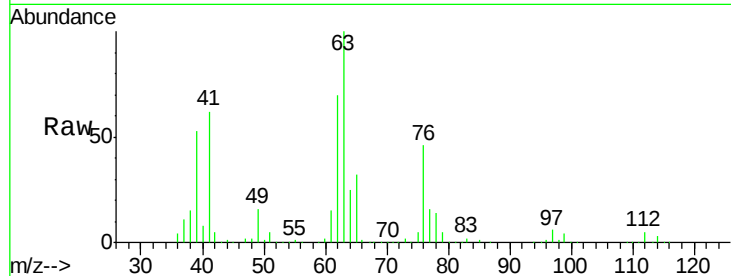
#45
 1,2-Dichloropropane
 Concen: 53.52 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 112585
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.9 37.3

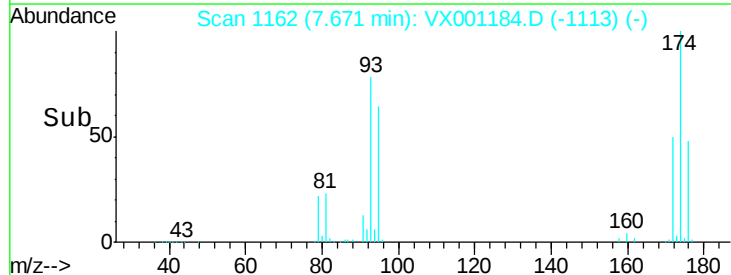
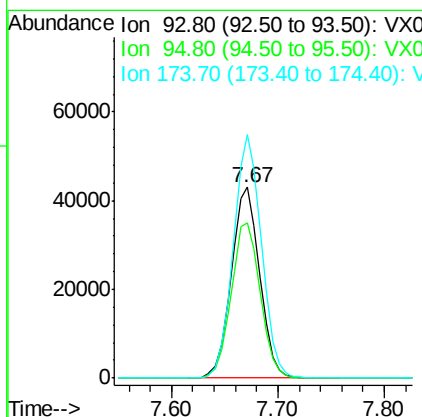
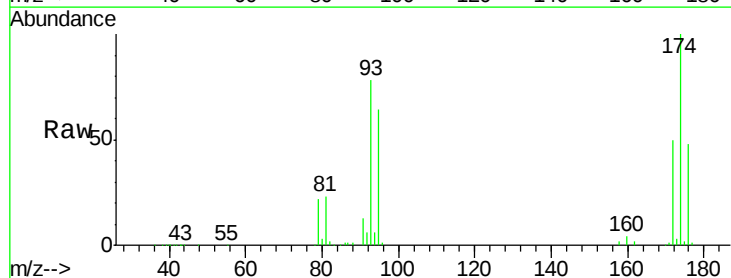
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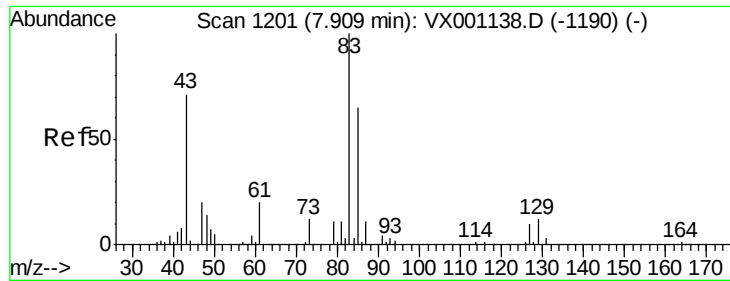
MMDadoda
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#46
 Dibromomethane
 Concen: 55.16 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 93 Resp: 80350
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 126.5 99.6 149.4





#47

Bromodichloromethane

Concen: 55.98 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

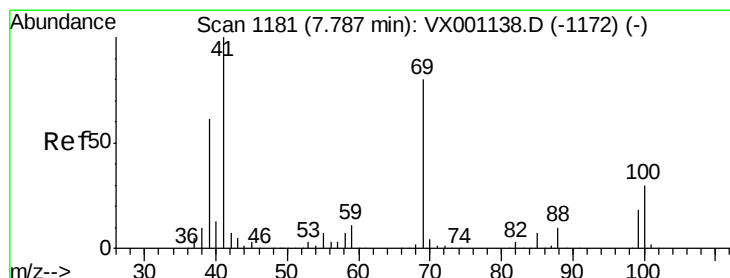
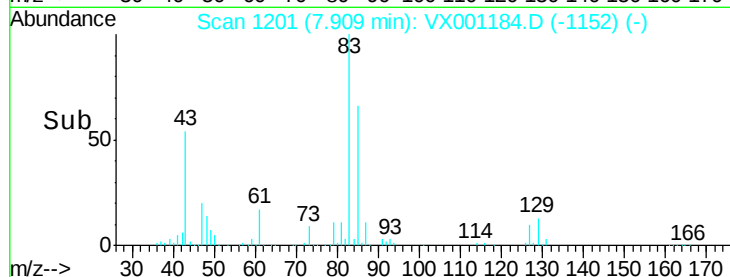
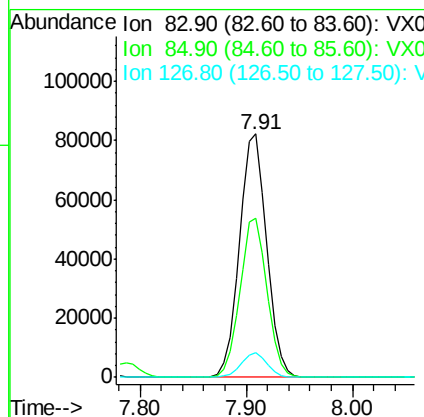
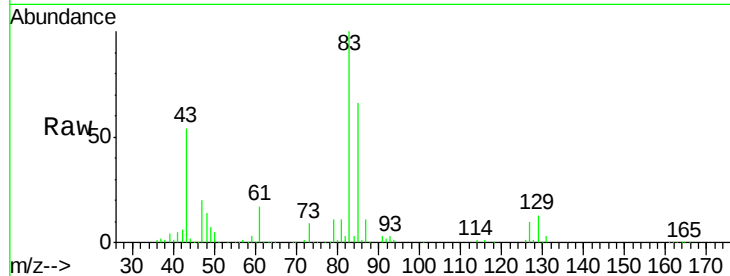
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	148147
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.9	77.9
127	10.1	7.7	11.5

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#48

Methyl methacrylate

Concen: 51.06 ug/l

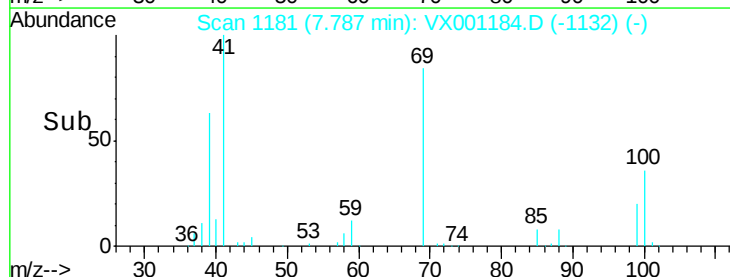
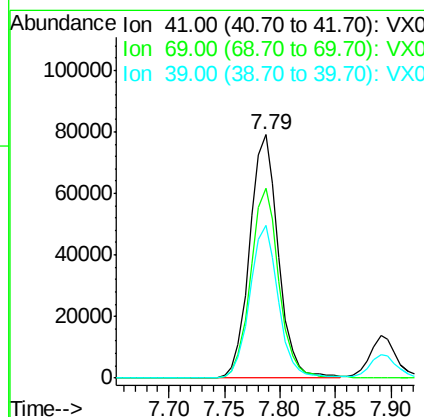
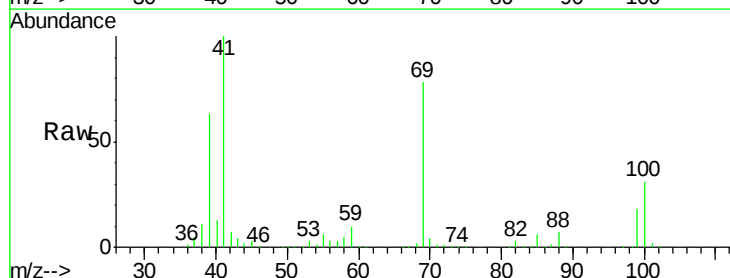
RT: 7.79 min Scan# 1181

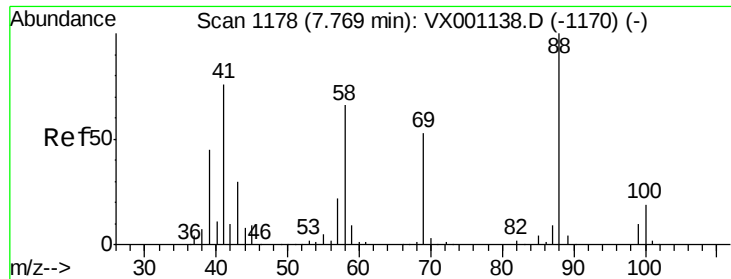
Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	41	Resp:	141105
Ion Ratio	Lower	Upper	
41	100		
69	77.7	62.4	93.6
39	62.2	48.7	73.1





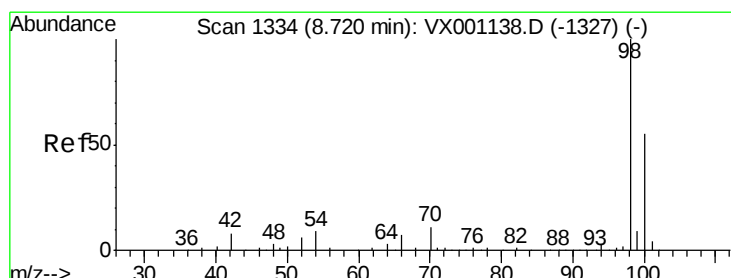
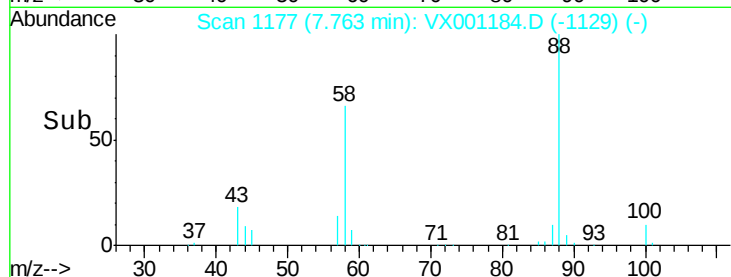
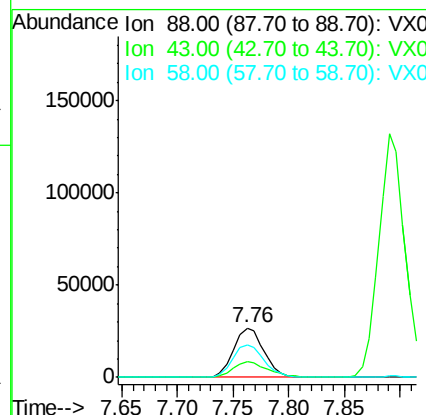
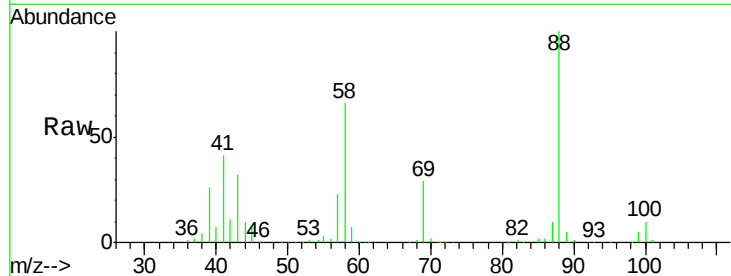
#49
1,4-Dioxane
Concen: 917.51 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	50768
Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.3	40.9
58	68.1	54.2	81.4

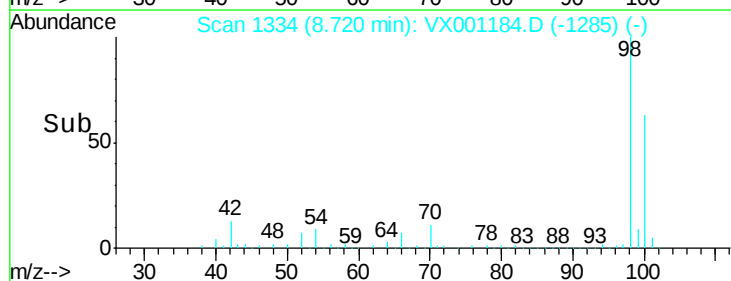
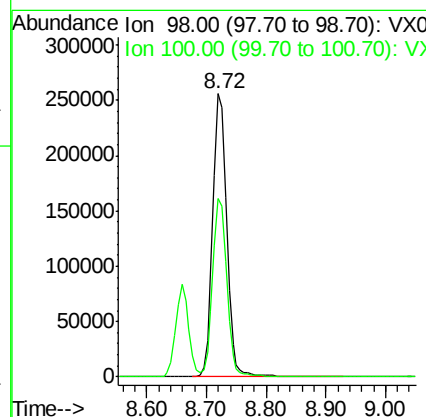
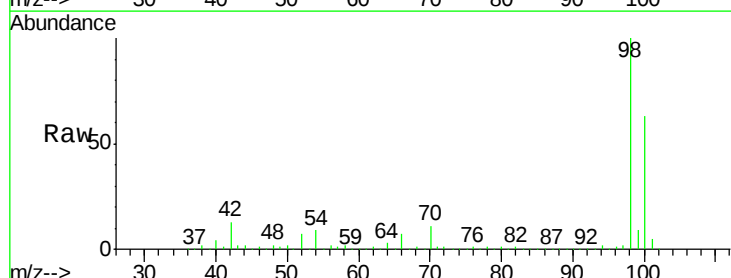
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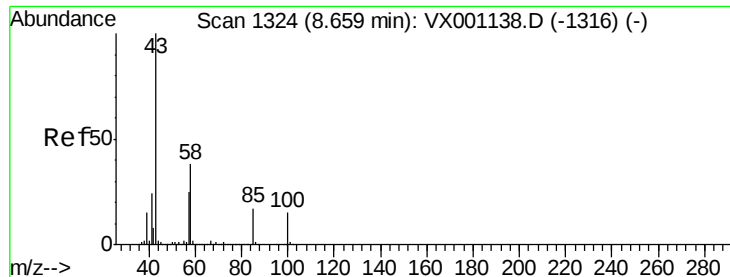
MMDadoda
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#50
Toluene-d8
Concen: 52.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	98	Resp	413393
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 254.87 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 870495

Ion Ratio Lower Upper

43 100

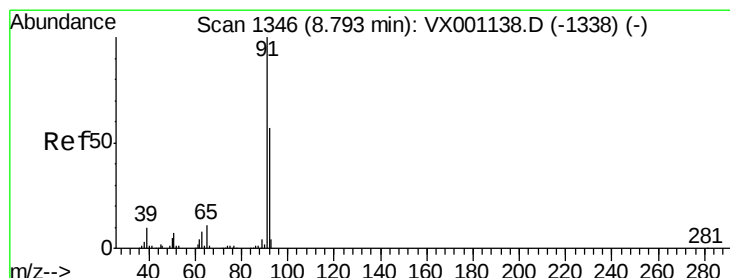
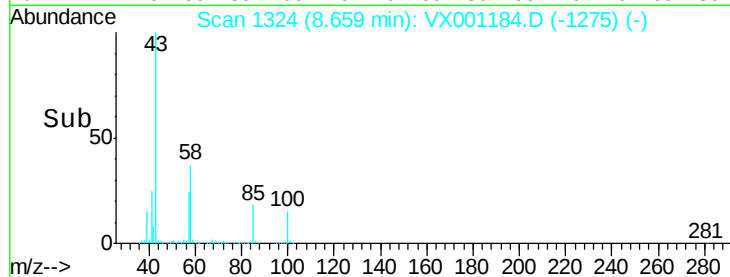
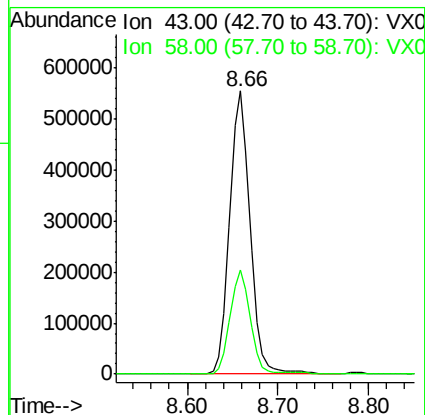
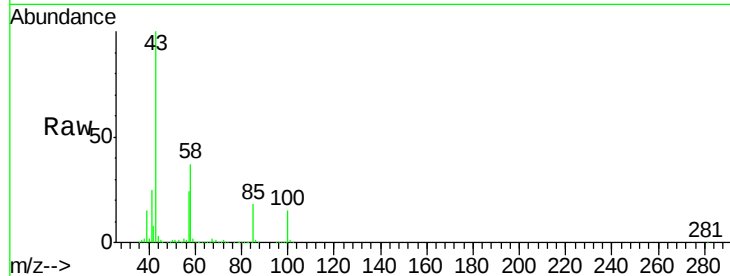
58 36.2 30.2 45.2

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#52

Toluene

Concen: 54.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001184.D

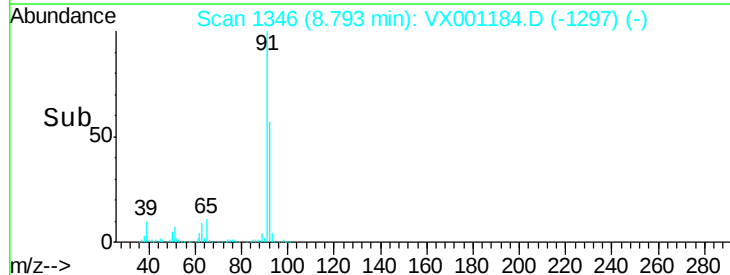
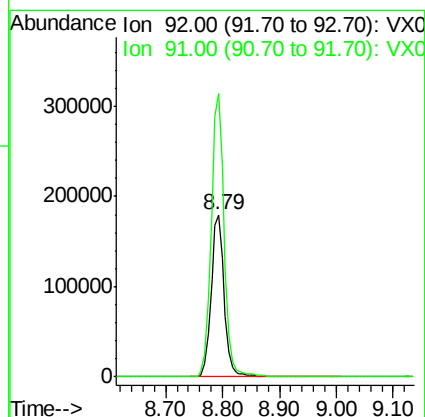
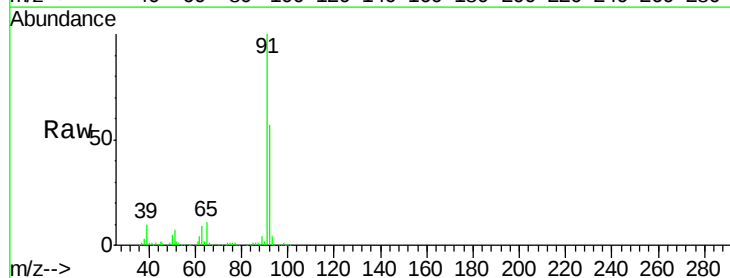
Acq: 27 Apr 2018 21:10

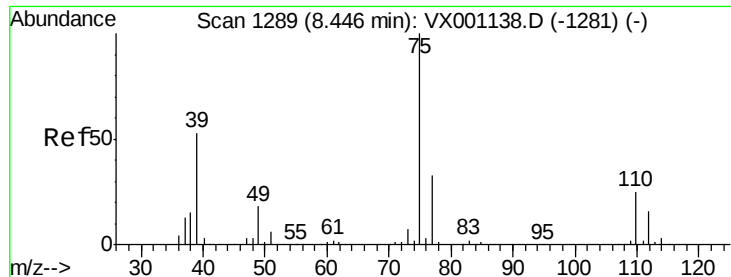
Tgt Ion: 92 Resp: 285884

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6





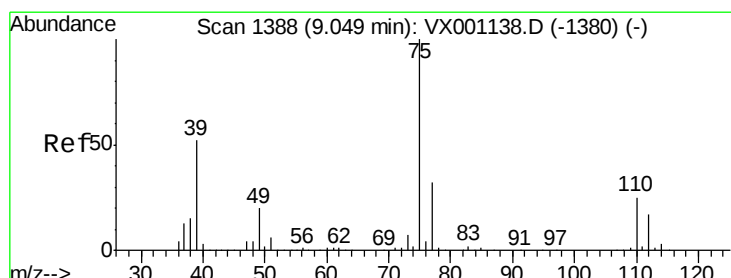
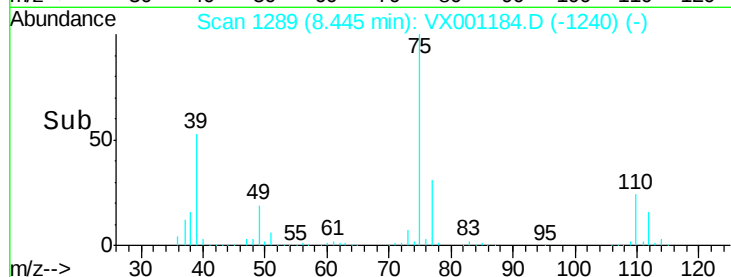
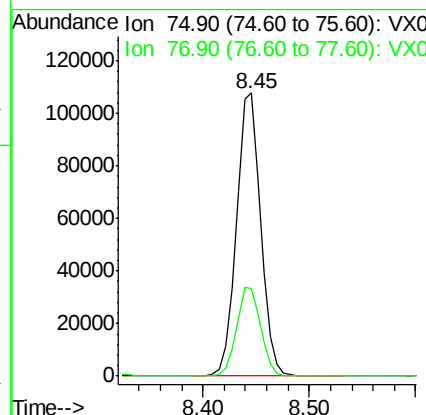
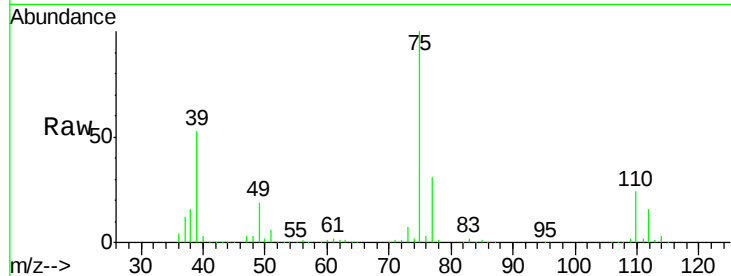
#53
t-1,3-Dichloropropene
Concen: 55.75 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.4

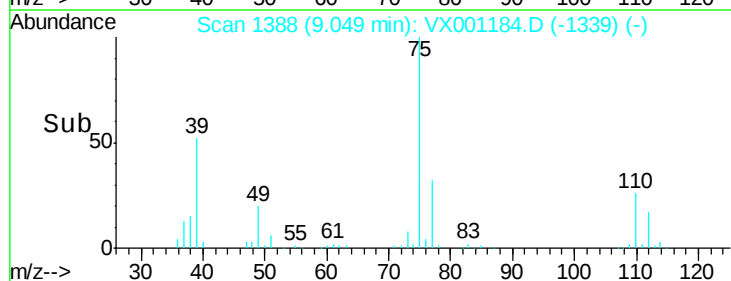
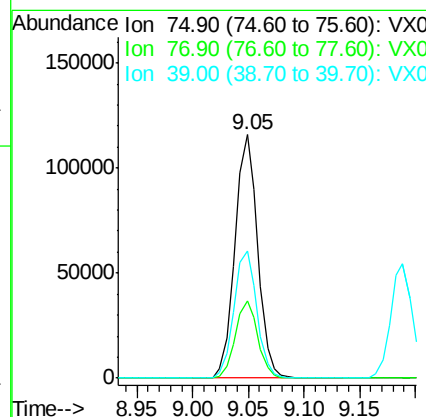
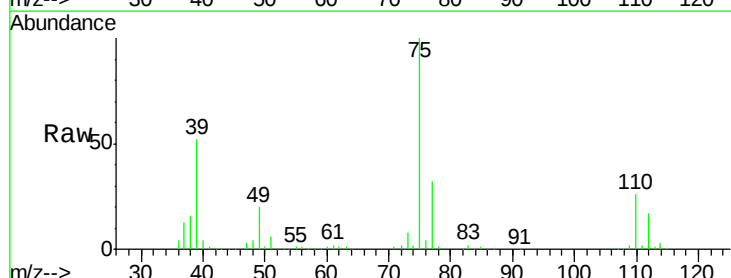
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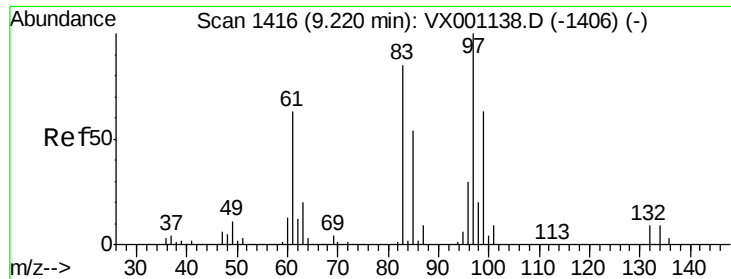
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.88 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	52.3	42.0	63.0





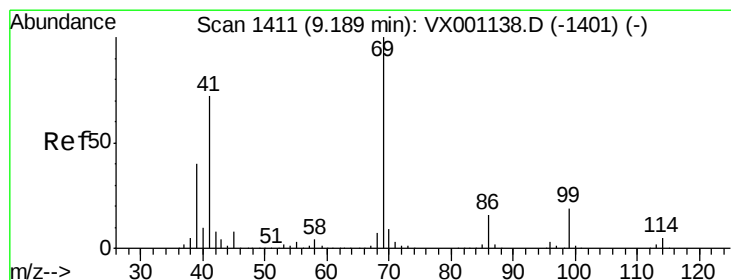
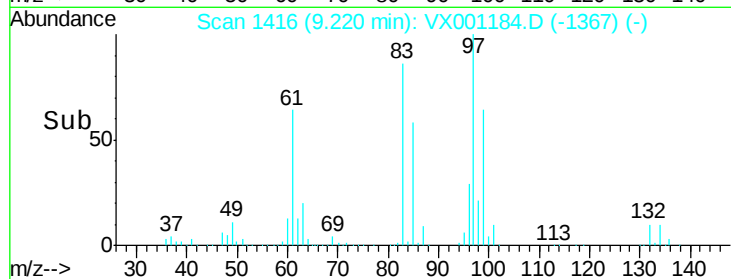
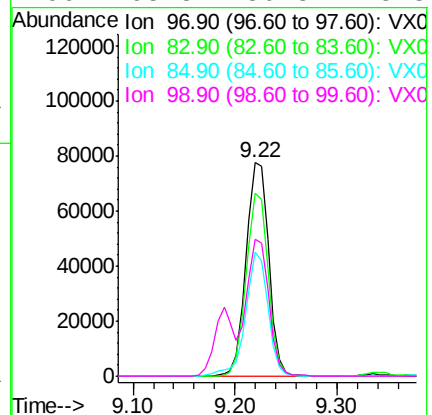
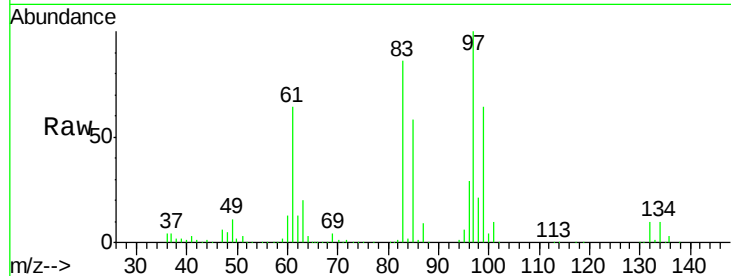
#55
 1,1,2-Trichloroethane
 Concen: 54.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119776		
83	85.8	68.0	102.0		
85	58.2	42.9	64.3		
99	63.8	50.3	75.5		

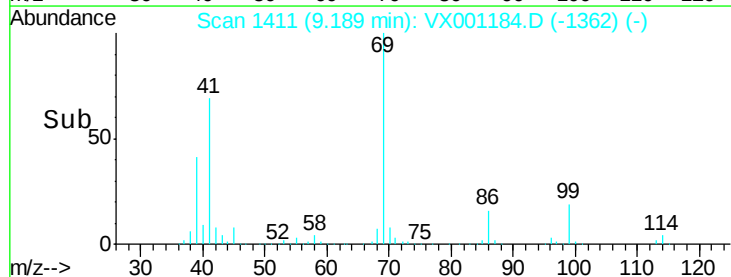
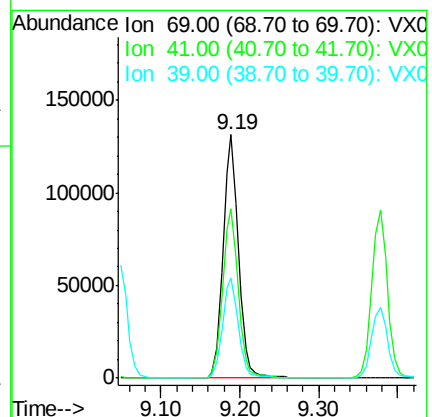
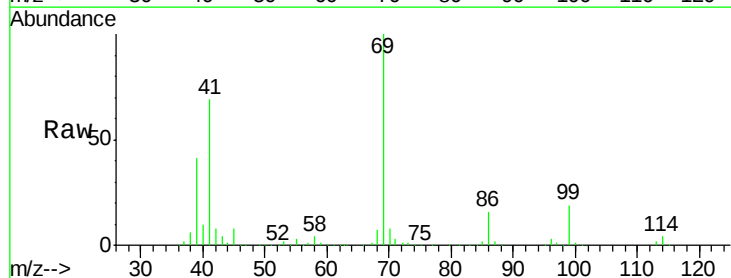
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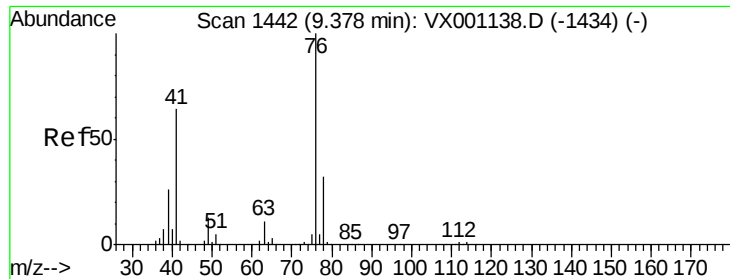
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#56
 Ethyl methacrylate
 Concen: 54.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		179422		
41	70.6	57.7	86.5		
39	42.3	33.3	49.9		





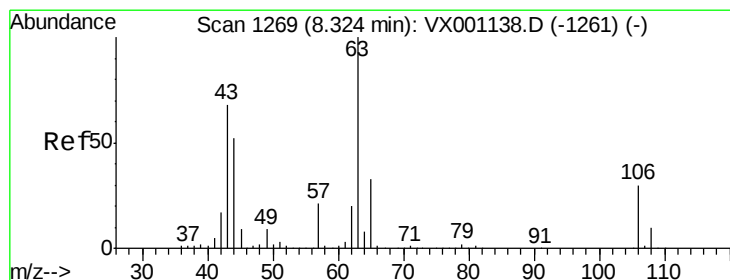
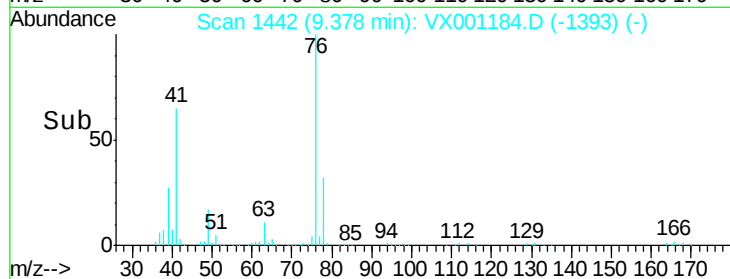
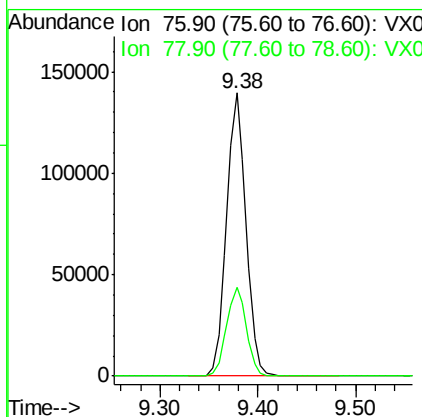
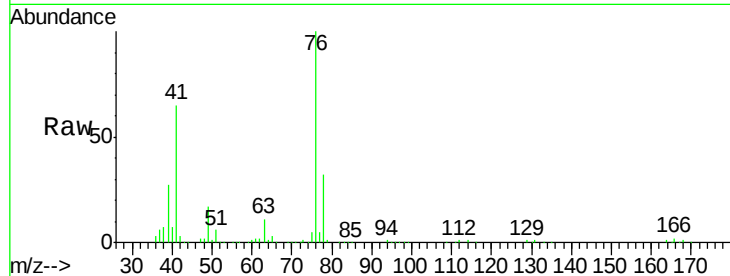
#57
 1,3-Dichloropropane
 Concen: 53.70 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.1	39.1

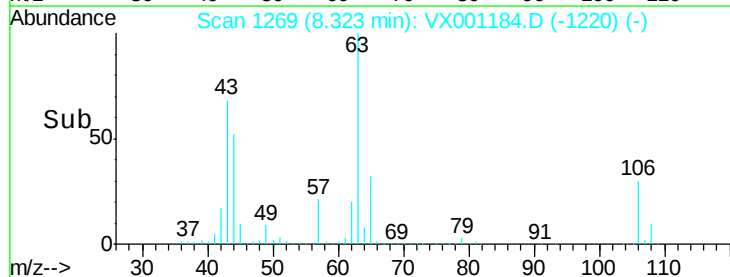
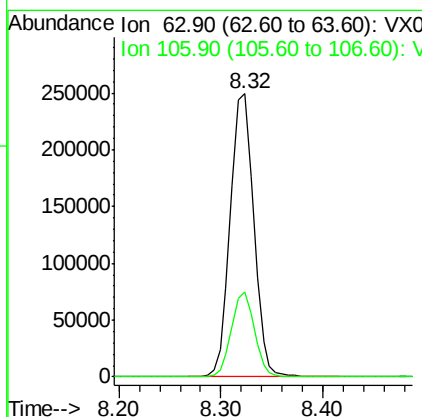
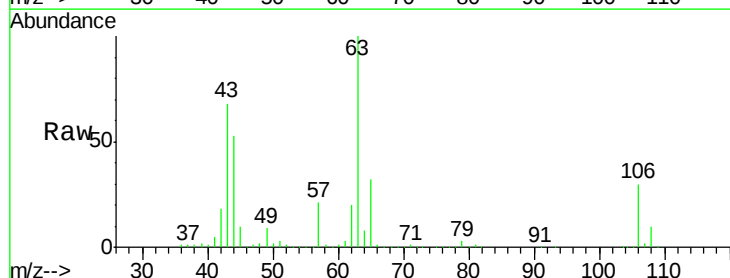
Manual Integrations
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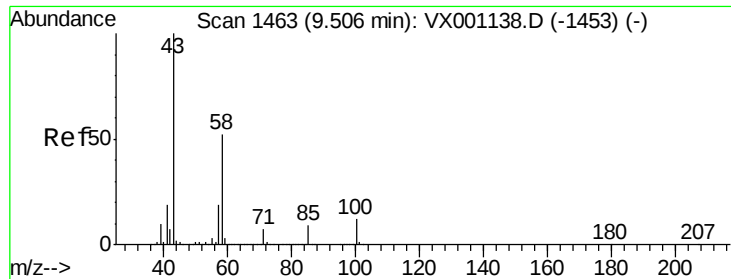
MMDadoda
 4/30/2018 6:04:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.16 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.7	35.5





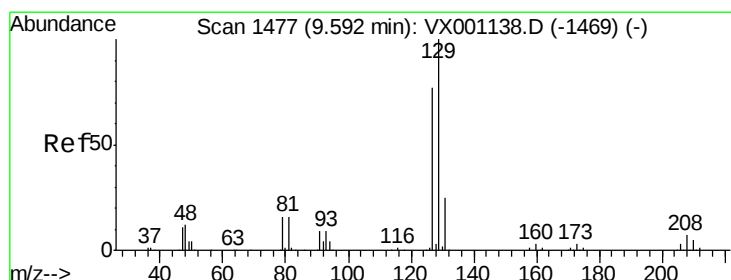
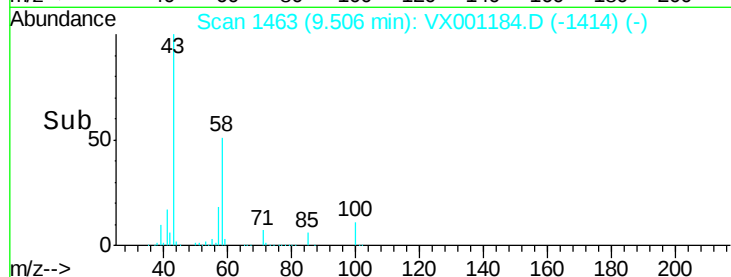
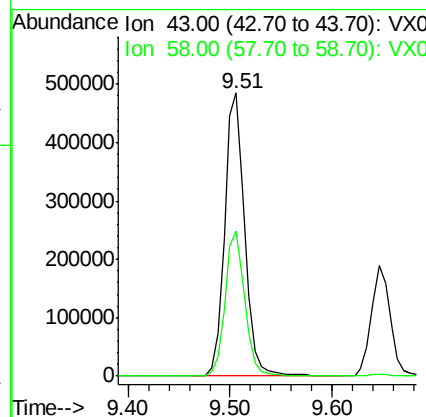
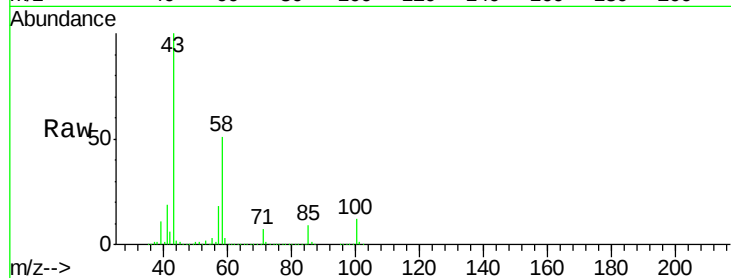
#59
2-Hexanone
Concen: 248.05 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 663794
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4

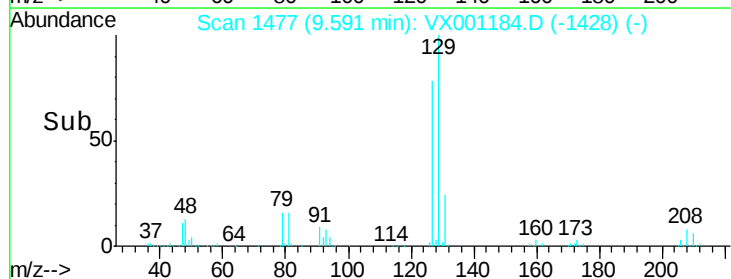
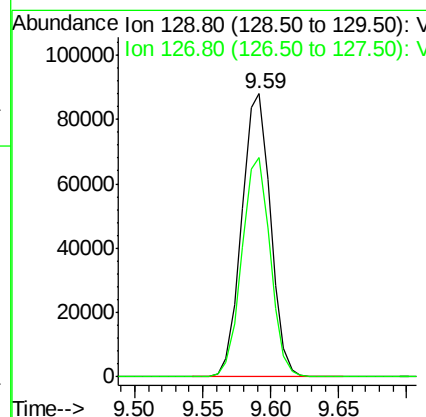
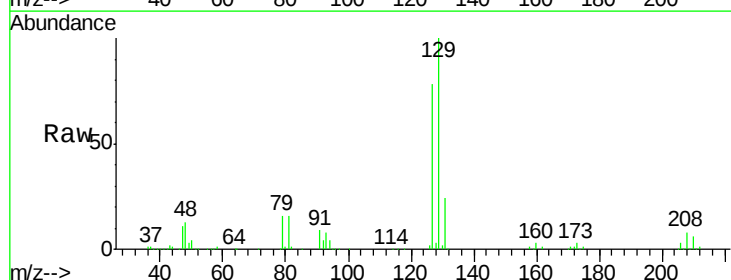
Manual Integrations
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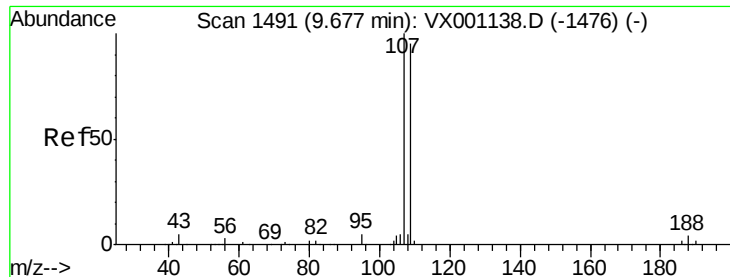
MMDadoda
4/30/2018 6:04:39 PM



#60
Dibromochloromethane
Concen: 50.17 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 129 Resp: 129713
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 55.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 128082

Ion Ratio Lower Upper

107 100

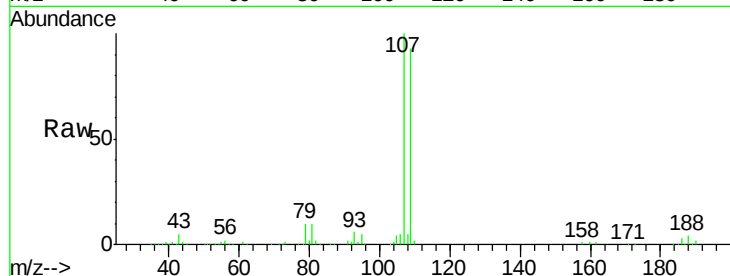
109 95.2 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

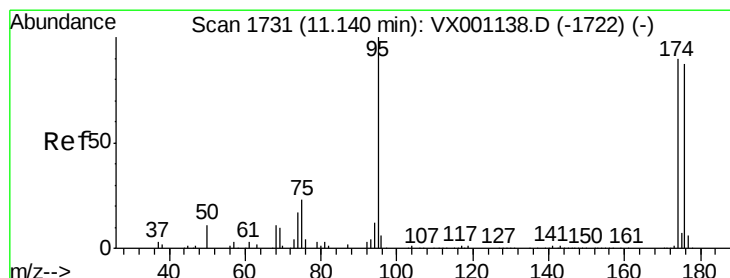
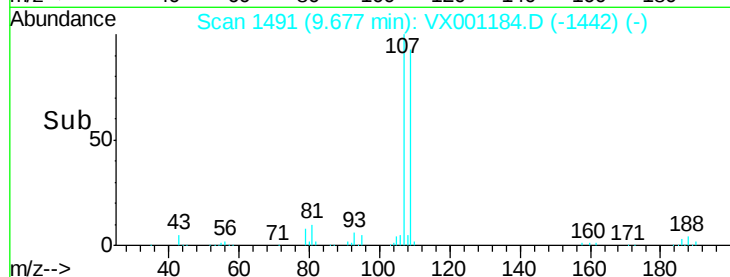
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

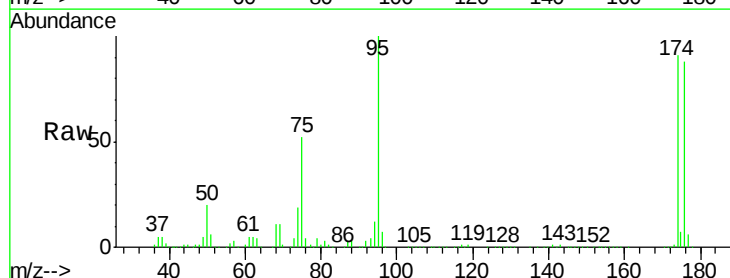
Tgt Ion: 95 Resp: 161145

Ion Ratio Lower Upper

95 100

174 99.8 0.0 194.4

176 97.5 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

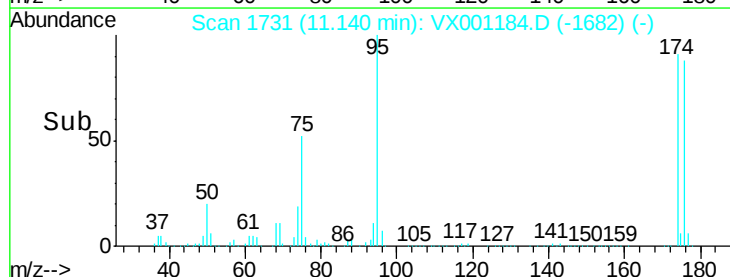
150000

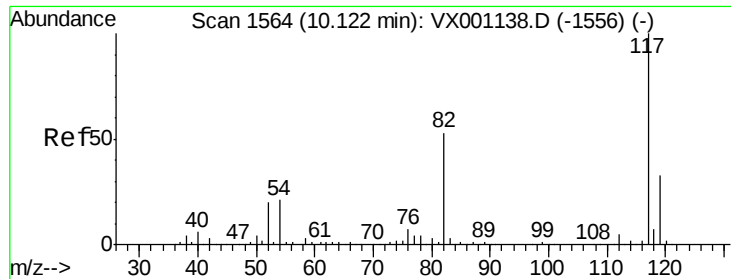
100000

50000

0

Time-->





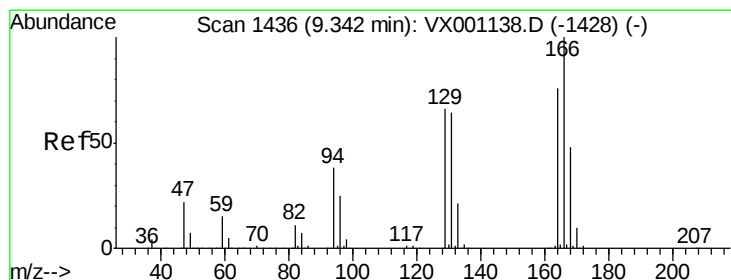
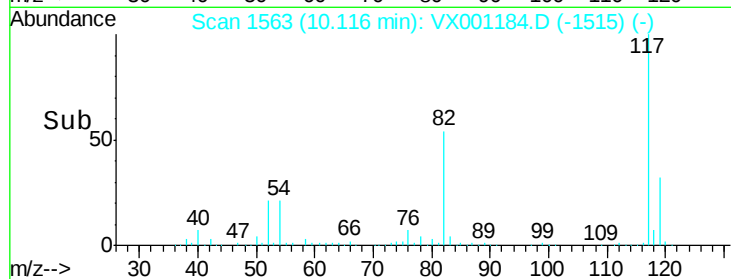
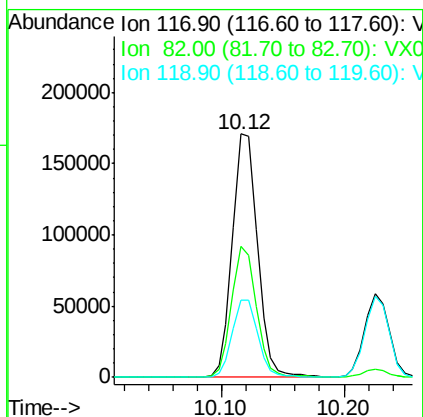
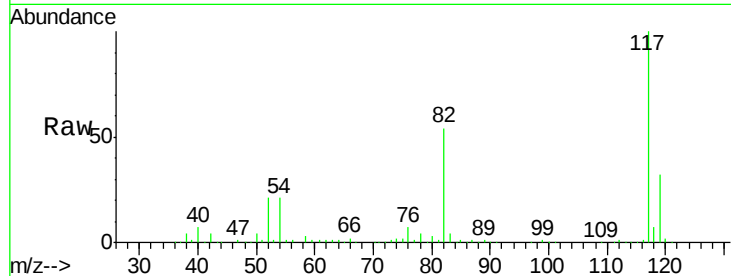
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.1	63.1
119	31.9	26.1	39.1

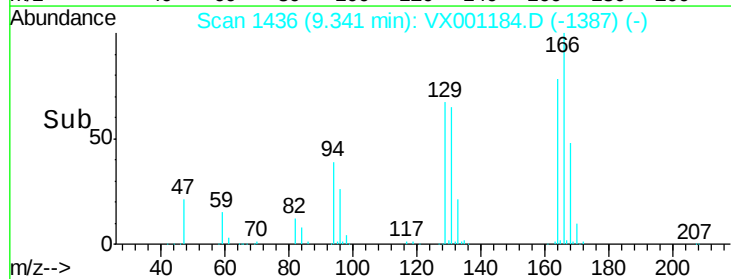
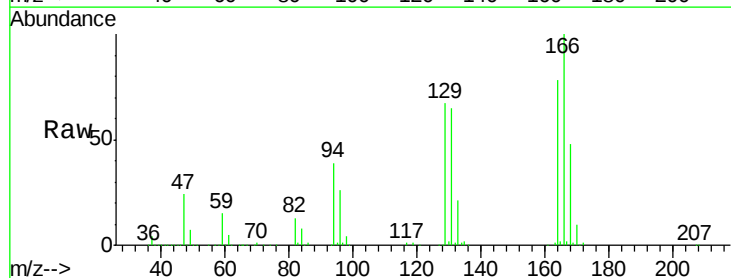
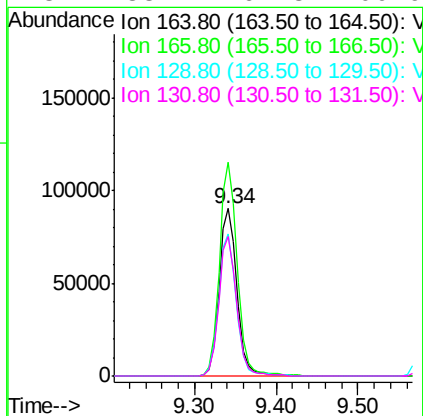
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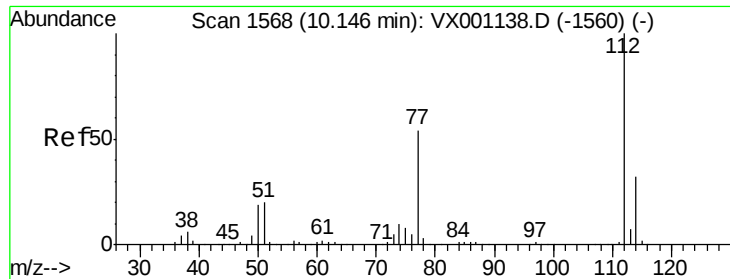
MMDadoda
4/30/2018 6:04:39 PM



#64
Tetrachloroethene
Concen: 52.72 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	105.0	157.6
129	84.9	69.4	104.2
131	83.4	67.3	100.9





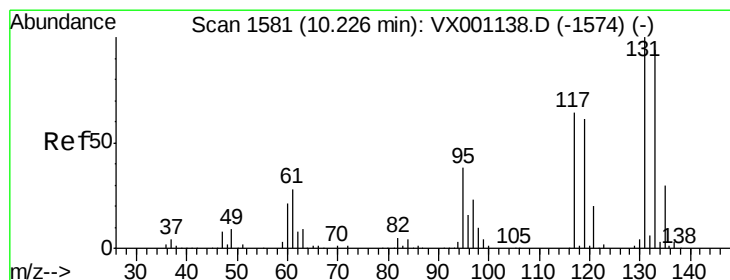
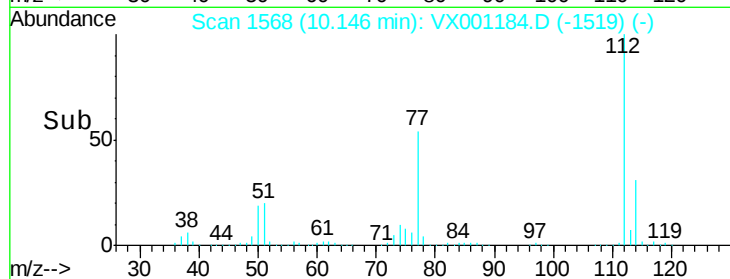
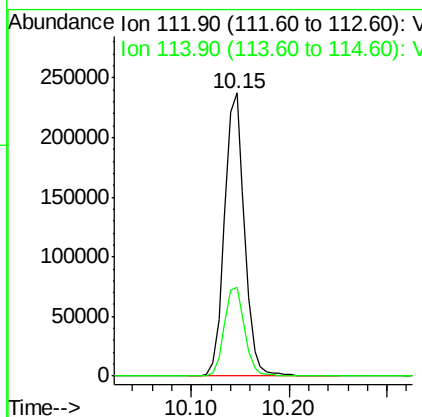
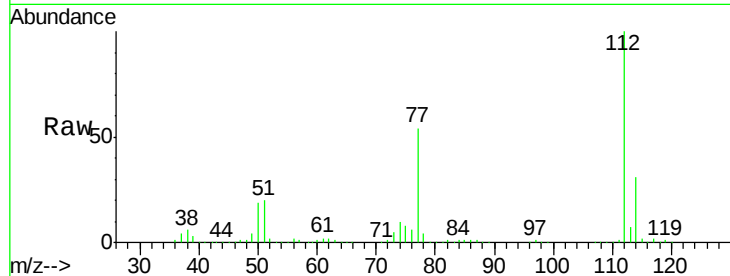
#65
Chlorobenzene
Concen: 52.50 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 335516
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

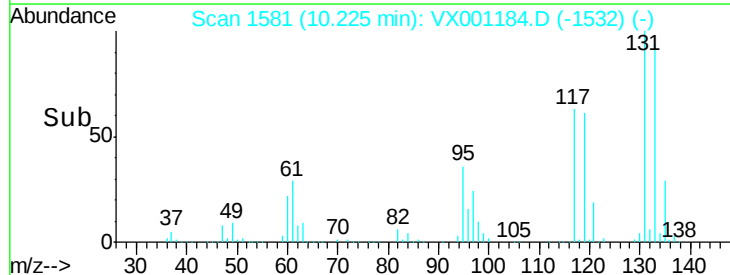
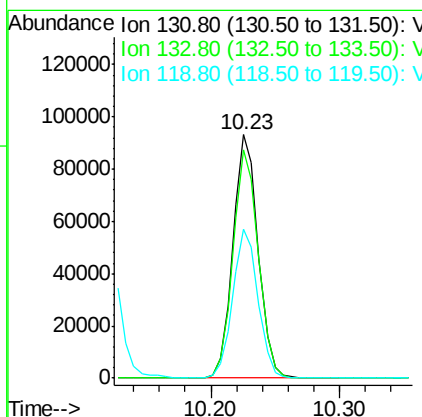
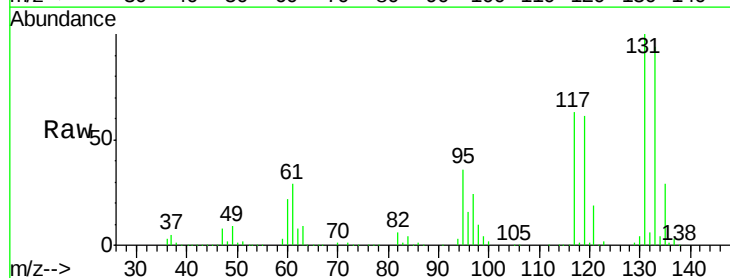
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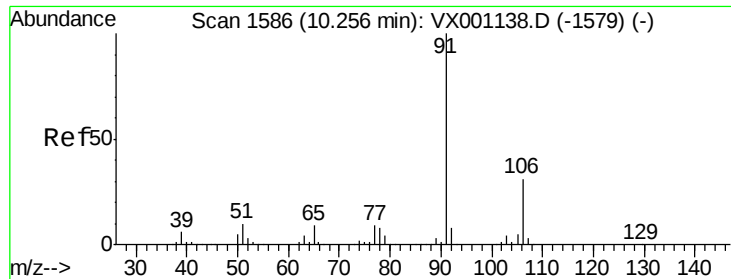
MMDadoda
4/30/2018 6:04:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.34 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:131 Resp: 126776
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 61.5 31.3 93.8





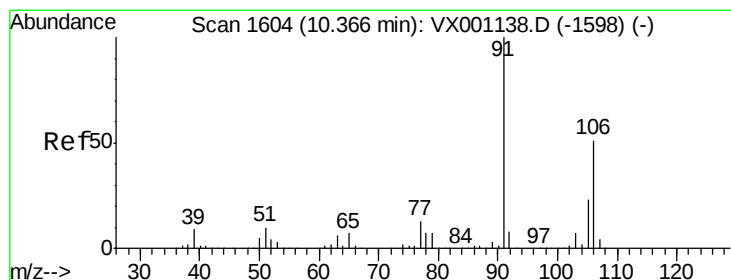
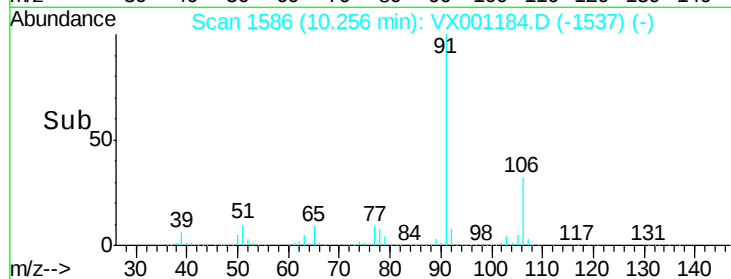
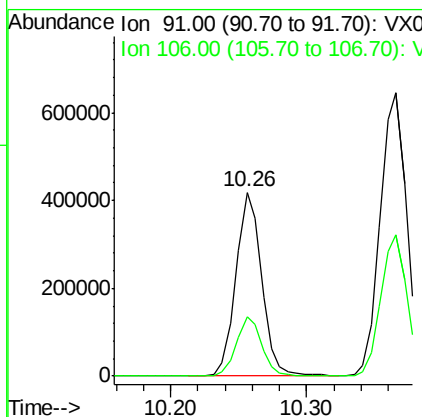
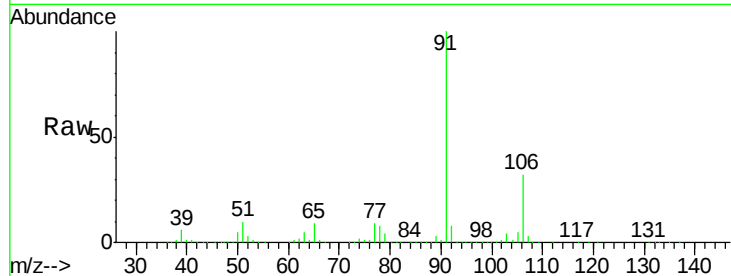
#67
Ethyl Benzene
Concen: 53.30 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 553440
Ion Ratio Lower Upper
91 100
106 32.2 24.8 37.2

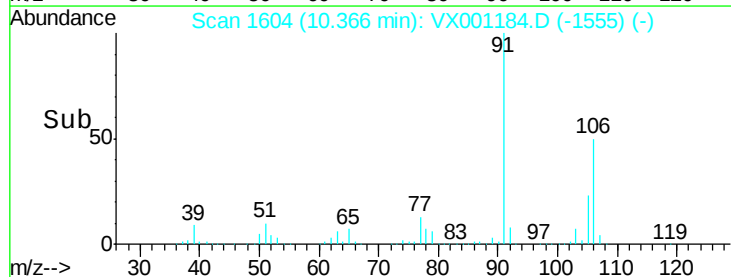
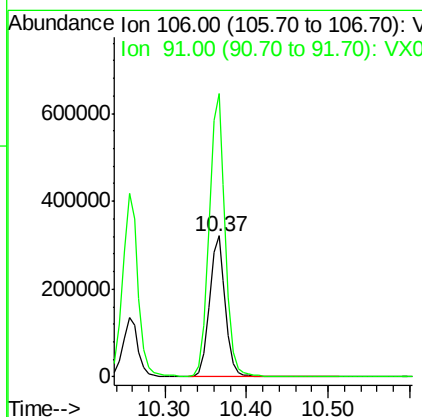
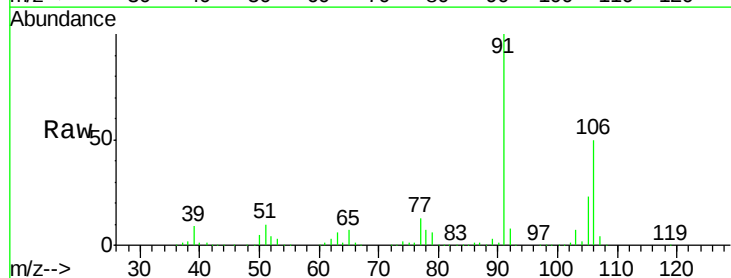
Manual Integrations
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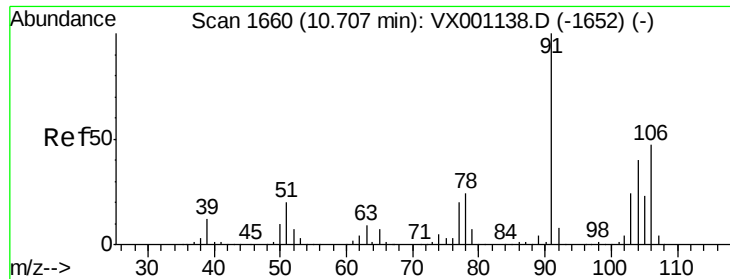
MMDadoda
4/30/2018 6:04:39 PM



#68
m/p-Xylenes
Concen: 107.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 106 Resp: 439732
Ion Ratio Lower Upper
106 100
91 203.5 160.9 241.3





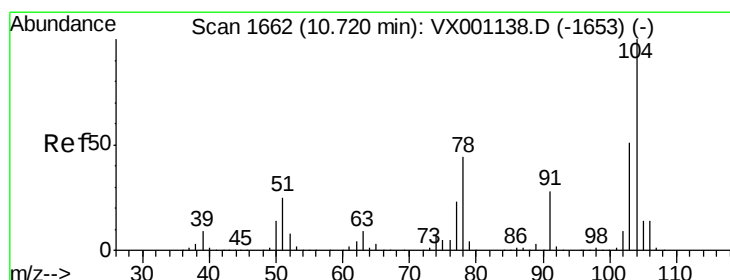
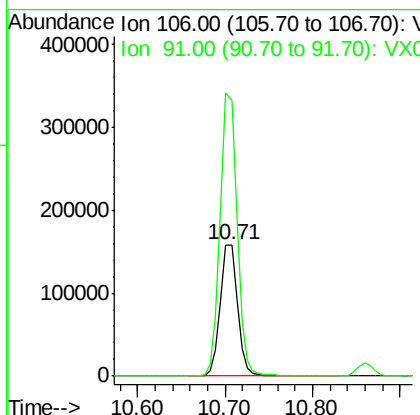
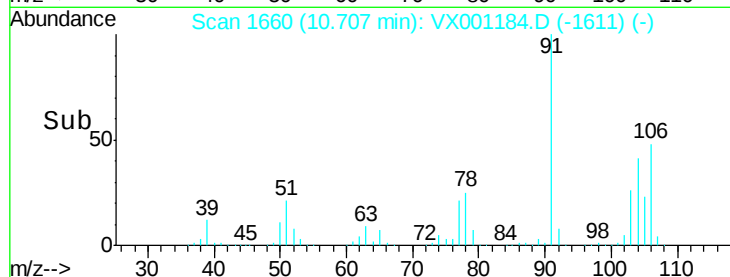
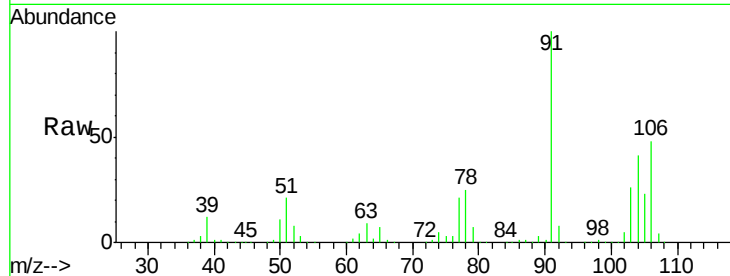
#69
o-Xylene
Concen: 54.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		216315		
91	212.1	106.2	318.5		

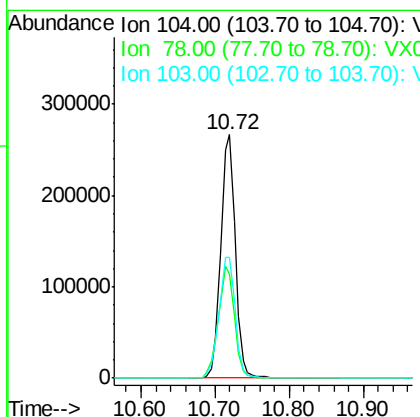
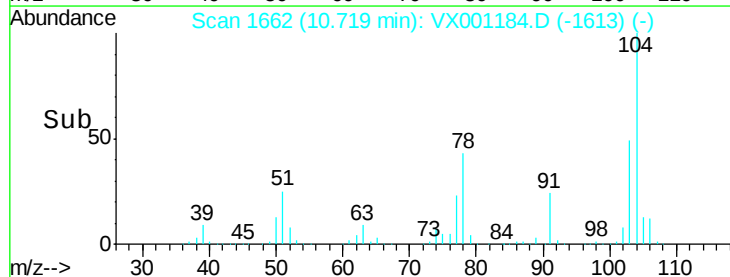
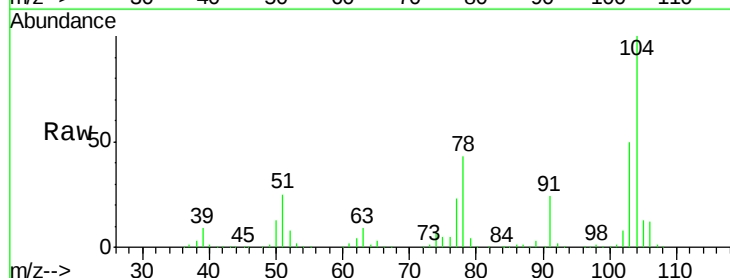
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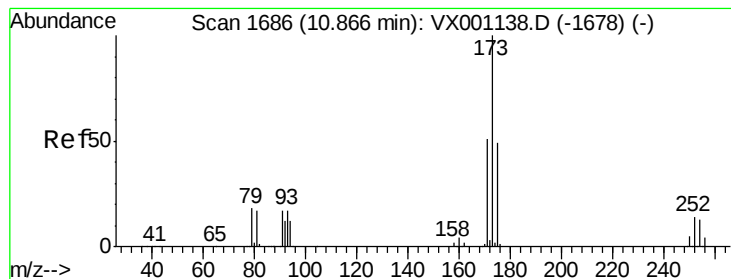
MMDadoda
4/30/2018 6:04:39 PM



#70
Styrene
Concen: 54.70 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		362428		
78	50.1	40.3	60.5		
103	55.3	44.3	66.5		





#71

Bromoform

Concen: 45.37 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 104335

Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.8

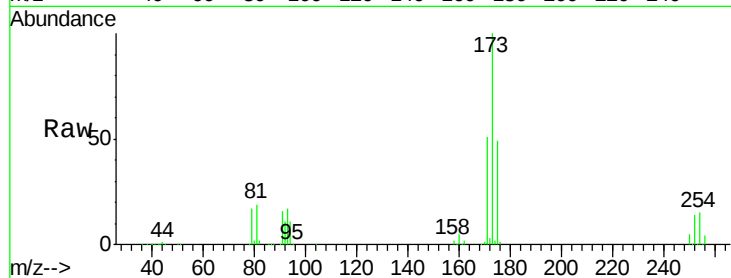
254 0.2 0.2 0.2

Manual Integrations

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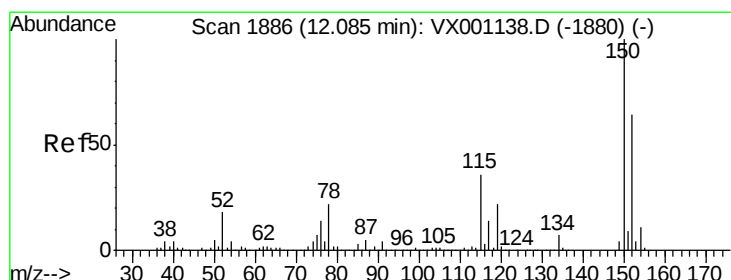
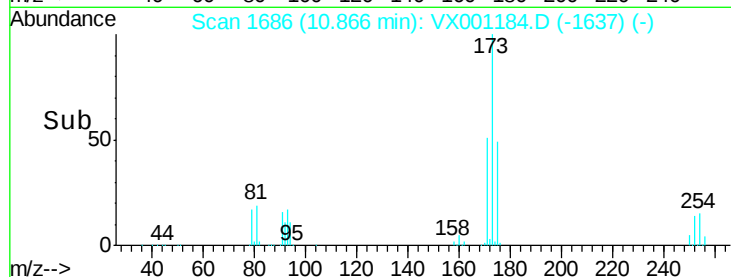
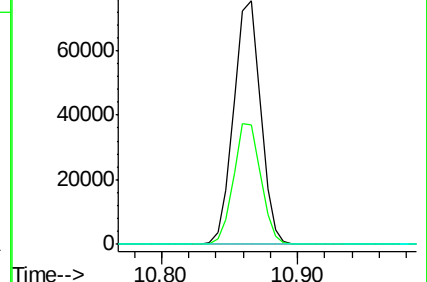
4/30/2018 6:04:39 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

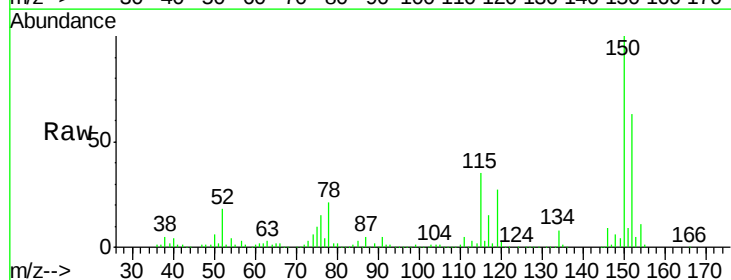
Tgt Ion:152 Resp: 165164

Ion Ratio Lower Upper

152 100

115 79.4 38.0 114.0

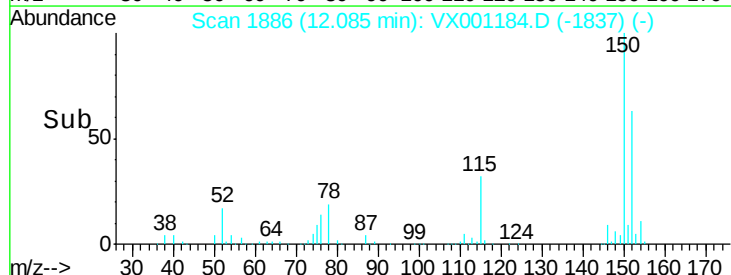
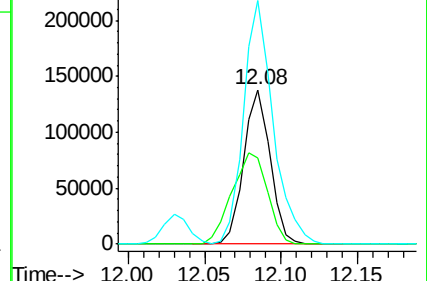
150 176.7 0.0 349.6

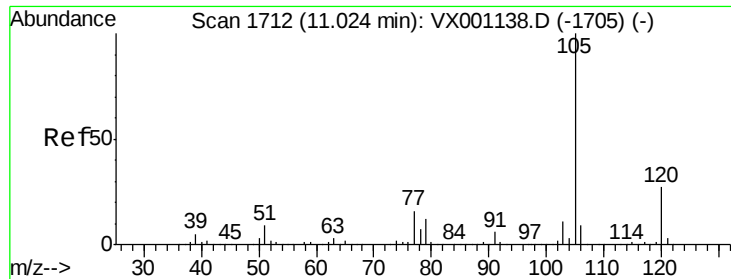


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.99 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 570456

Ion Ratio Lower Upper

105 100

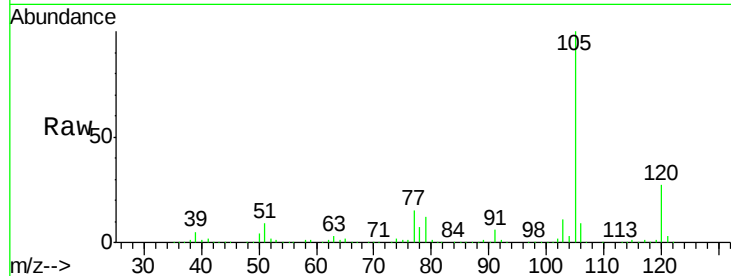
120 27.1 13.6 40.8

Manual Integrations

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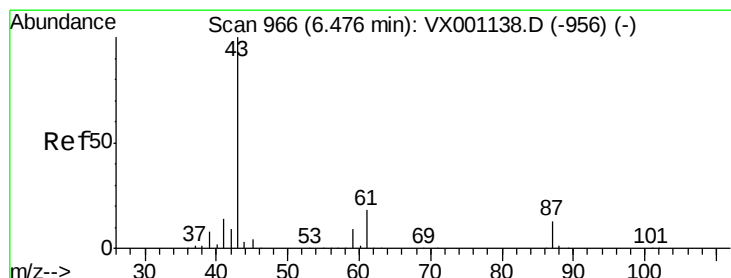
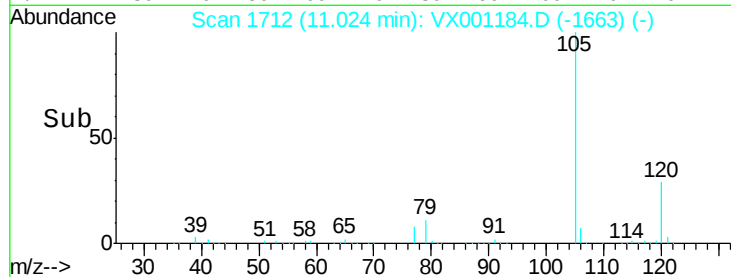
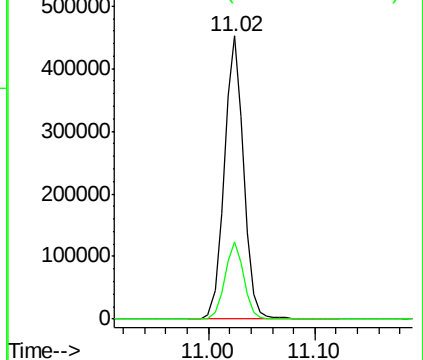
MMDadoda

4/30/2018 6:04:39 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion: 43 Resp: 261776

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

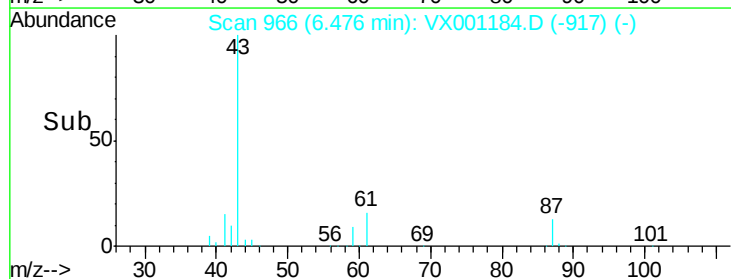
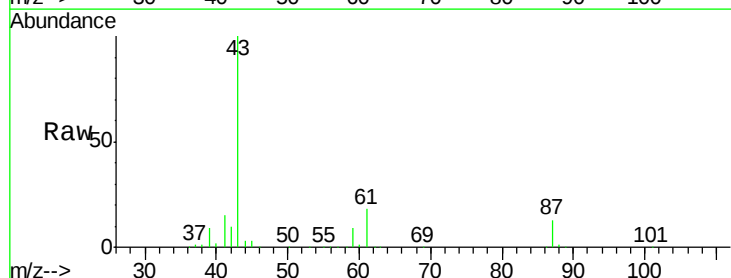
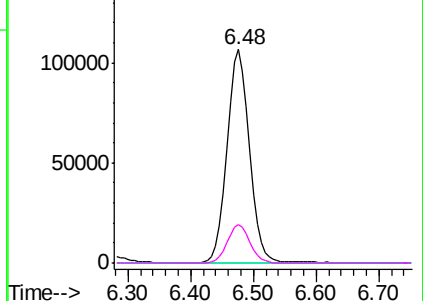
61 18.3 15.0 22.6

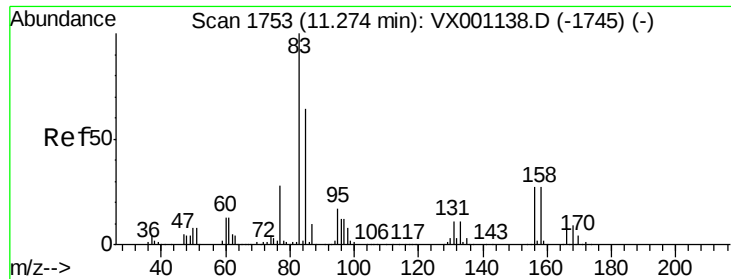
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 183008

Ion Ratio Lower Upper

83 100

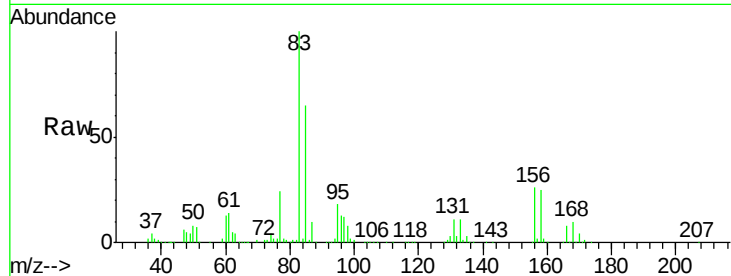
131 11.3 5.8 17.4

85 64.3 32.1 96.3

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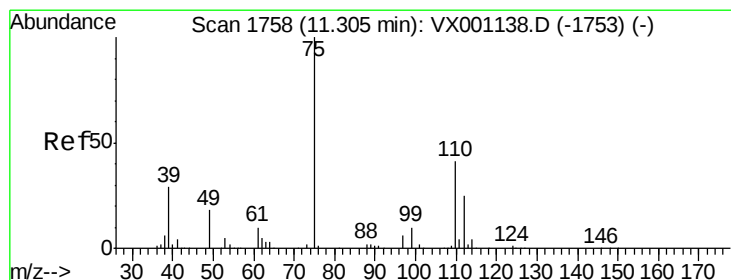
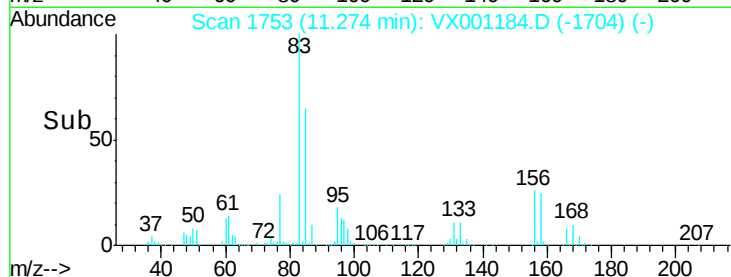
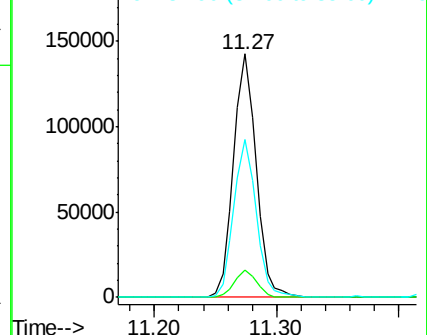
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.71 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001184.D

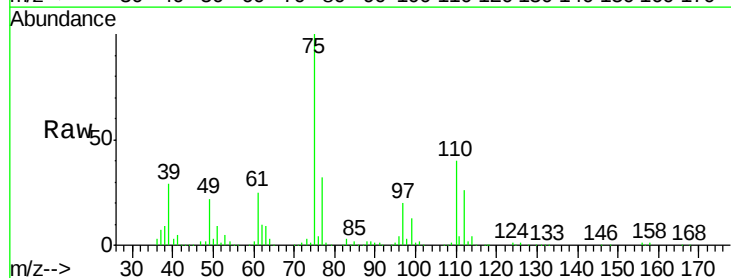
Acq: 27 Apr 2018 21:10

Tgt Ion: 75 Resp: 170538

Ion Ratio Lower Upper

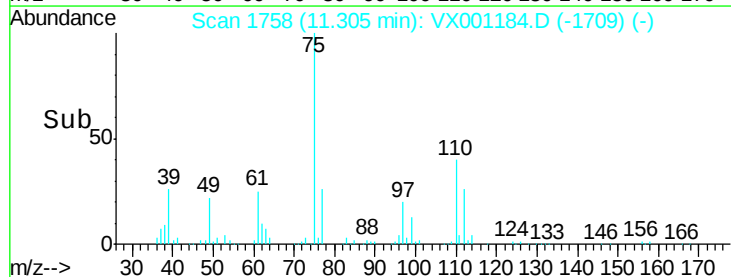
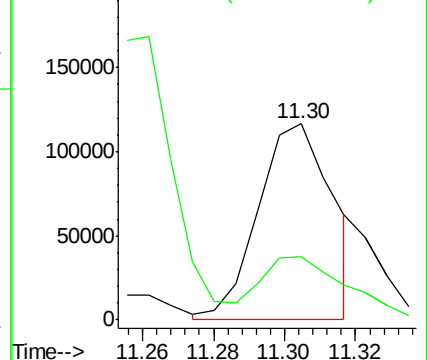
75 100

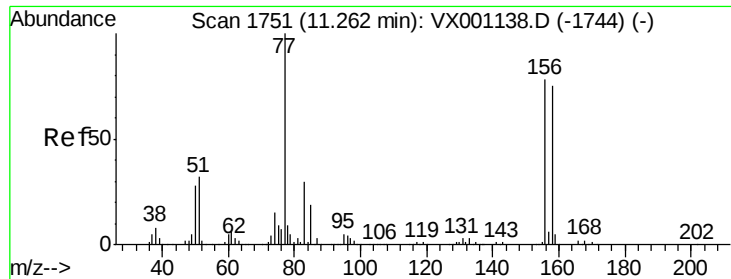
77 37.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 170273

Ion Ratio Lower Upper

156 100

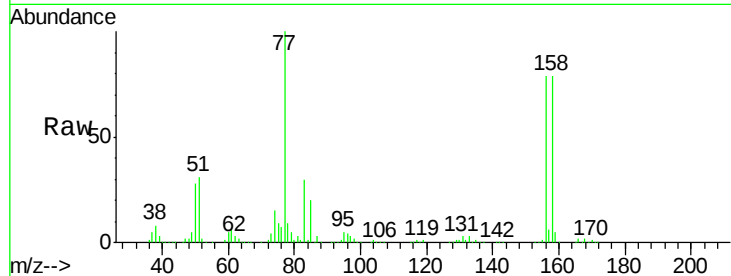
77 133.1 67.8 203.2

158 97.3 48.9 146.7

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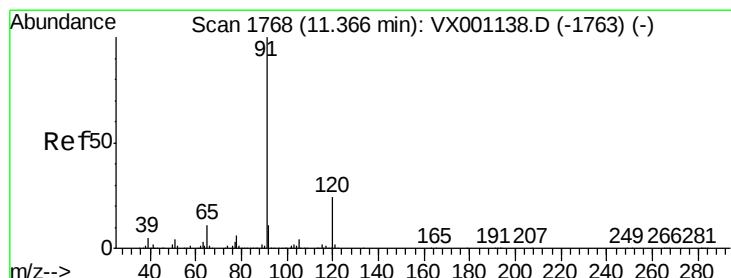
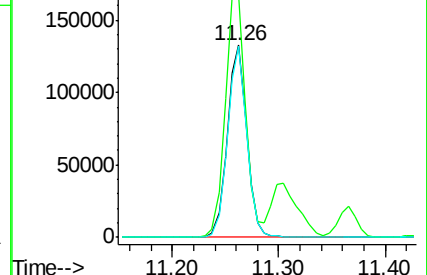
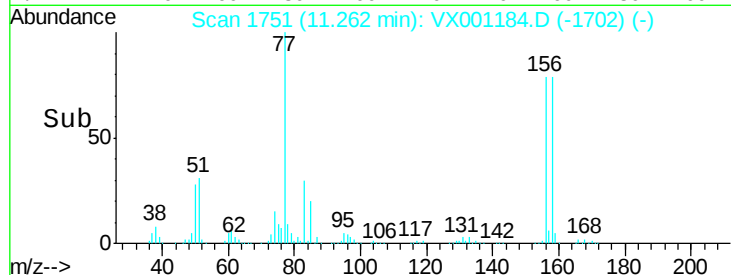
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.48 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001184.D

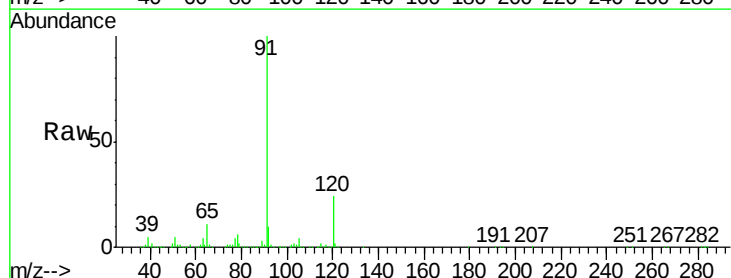
Acq: 27 Apr 2018 21:10

Tgt Ion: 91 Resp: 641959

Ion Ratio Lower Upper

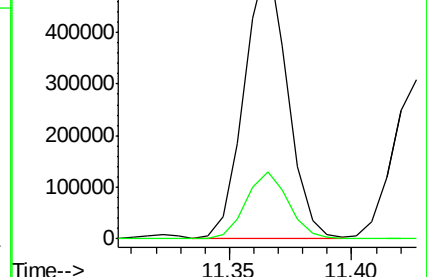
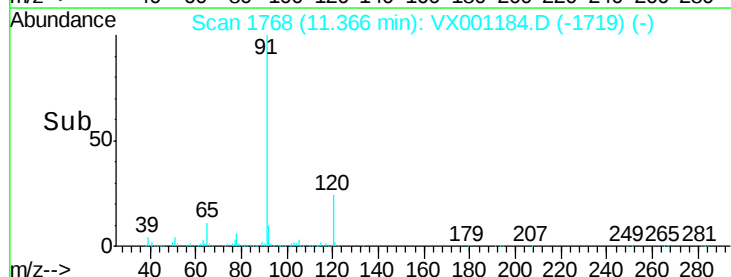
91 100

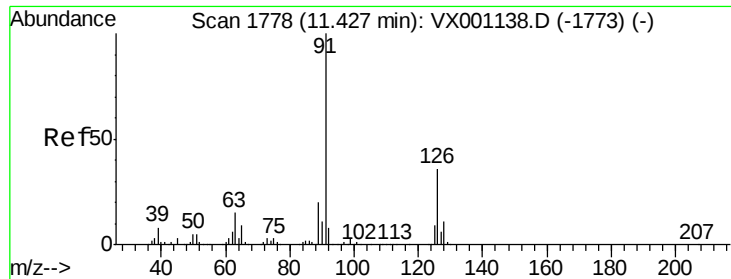
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.86 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 385868

Ion Ratio Lower Upper

91 100

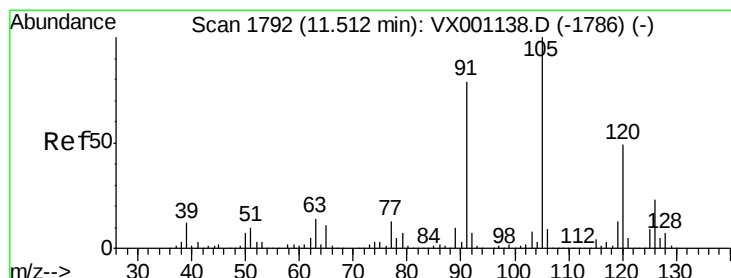
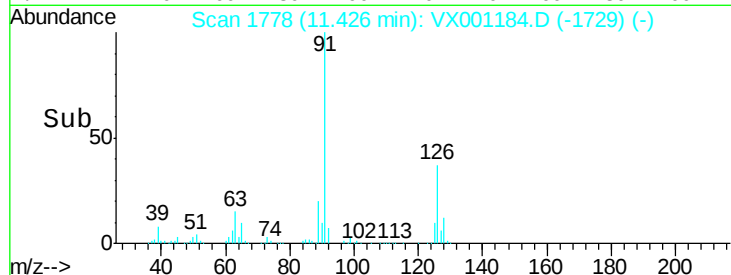
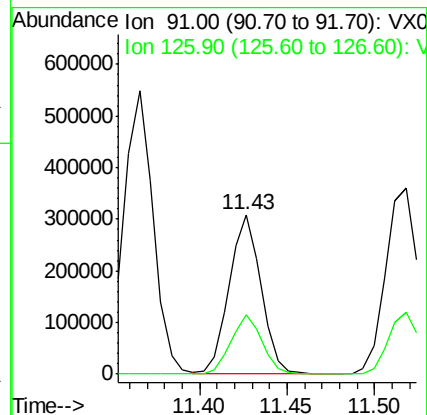
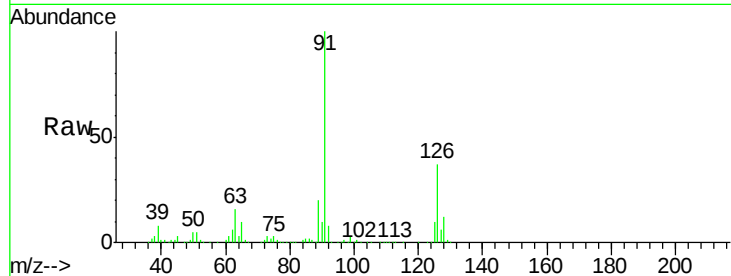
126 37.1 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 54.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001184.D

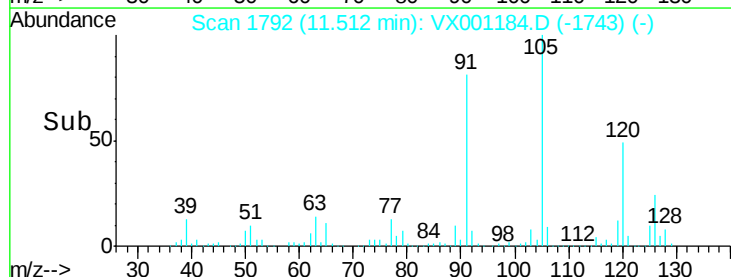
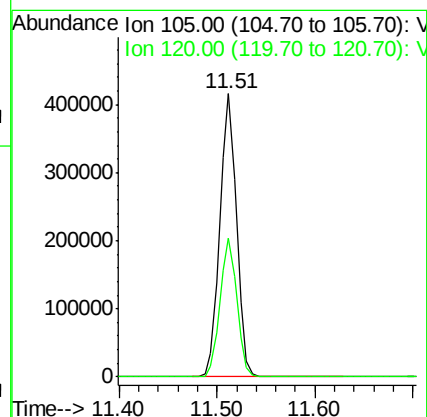
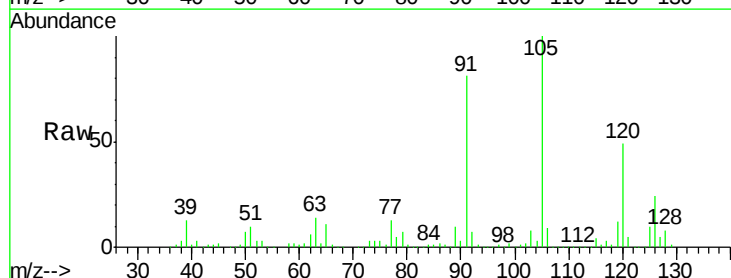
Acq: 27 Apr 2018 21:10

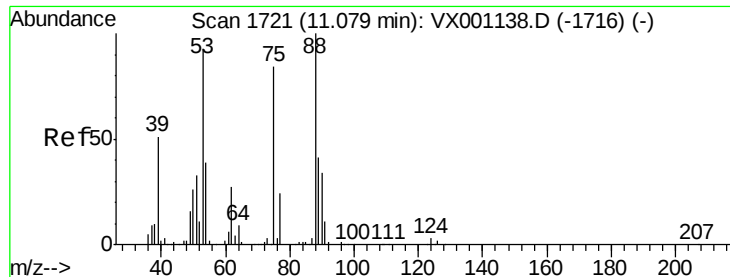
Tgt Ion: 105 Resp: 493135

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.16 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 42468

Ion Ratio Lower Upper

75 100

53 113.0 87.9 131.9

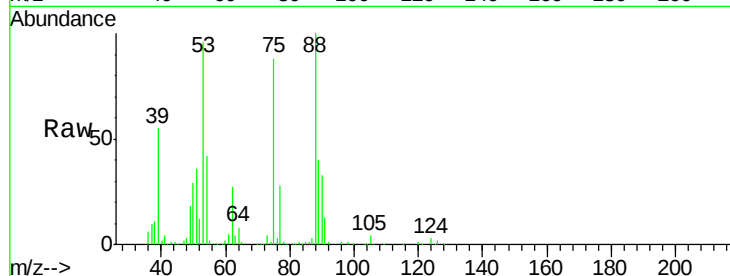
89 47.1 37.7 56.5

Manual Integrations

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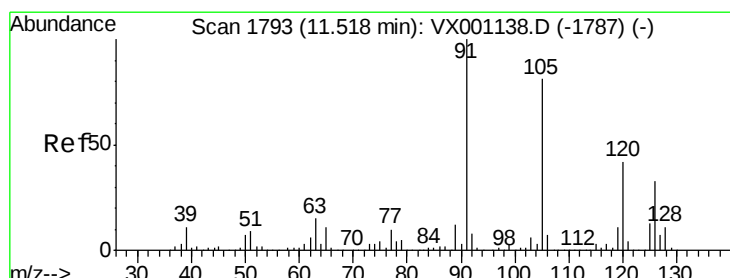
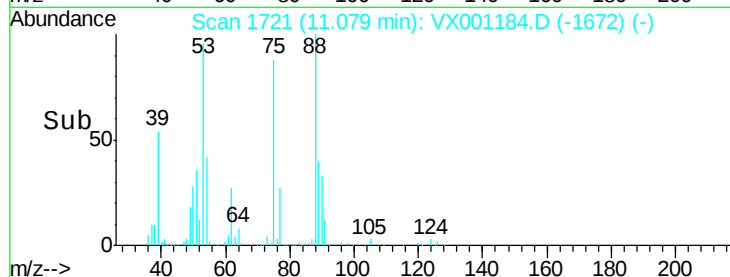
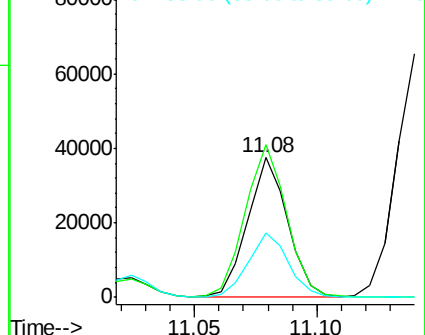
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.93 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001184.D

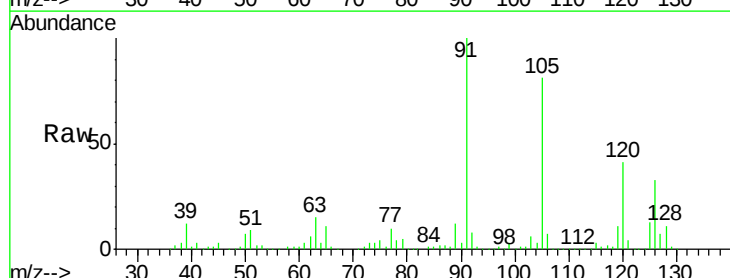
Acq: 27 Apr 2018 21:10

Tgt Ion: 91 Resp: 468124

Ion Ratio Lower Upper

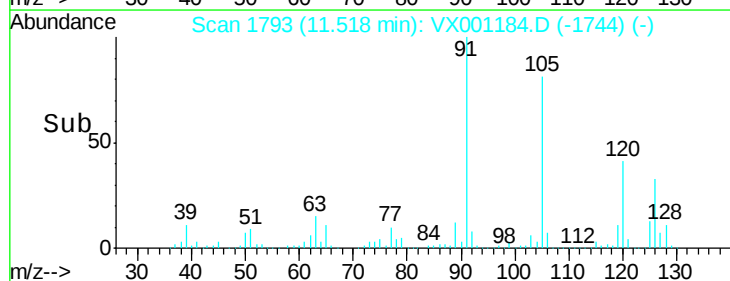
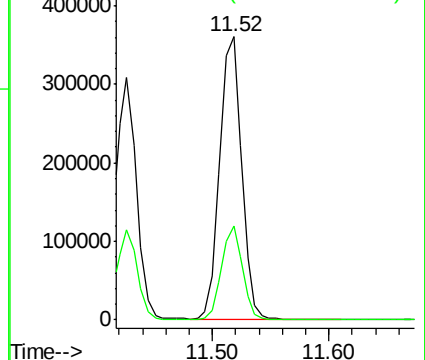
91 100

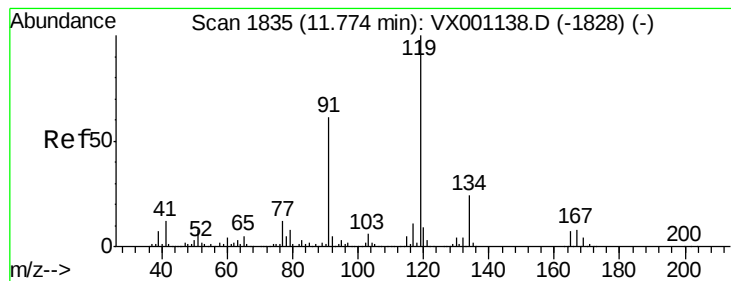
126 31.7 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.76 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

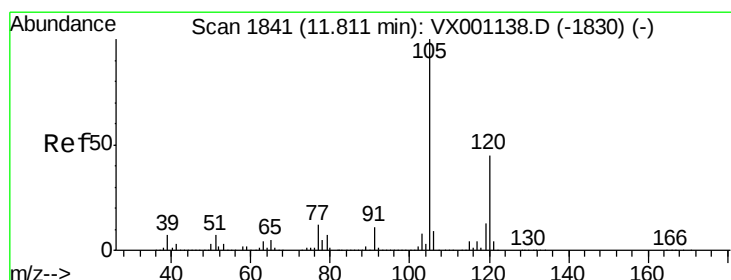
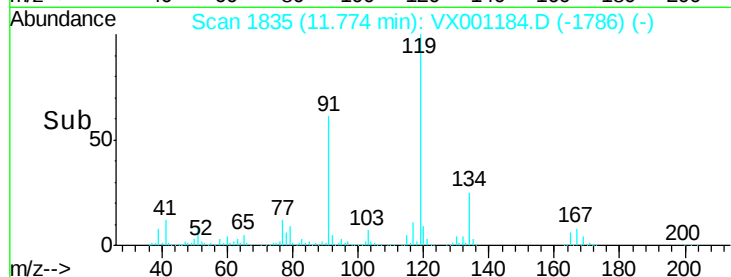
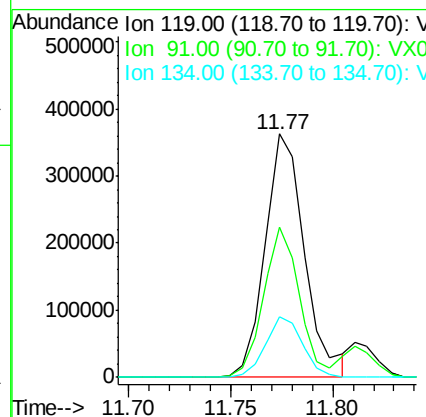
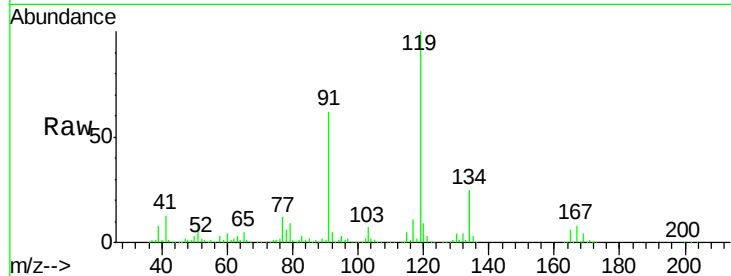
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	488950
Ion Ratio	Lower	Upper	
119	100		
91	56.0	27.6	82.8
134	23.5	11.5	34.5

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#84

1,2,4-Trimethylbenzene

Concen: 54.41 ug/l

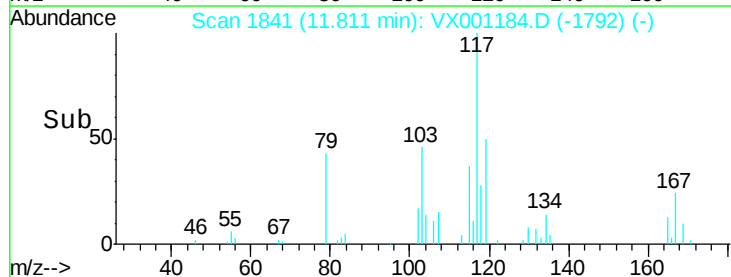
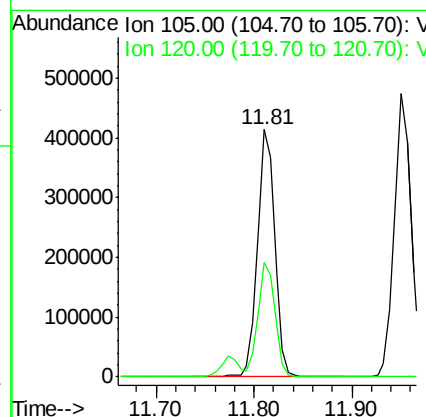
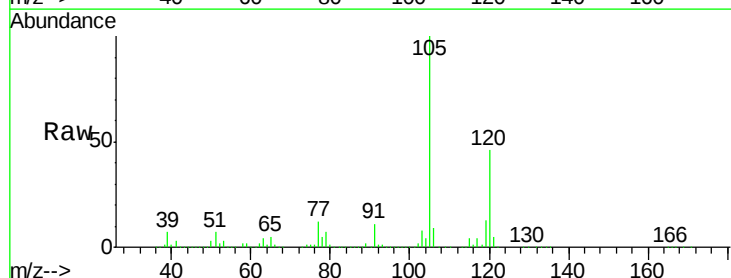
RT: 11.81 min Scan# 1841

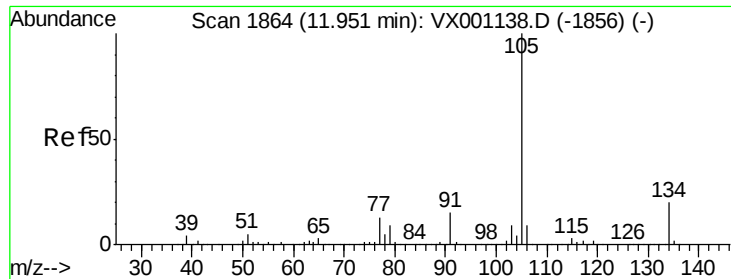
Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	105	Resp:	509693
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 53.54 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 568844

Ion Ratio Lower Upper

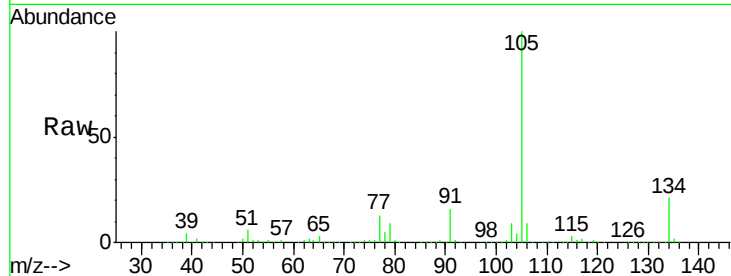
105 100

134 21.1 10.5 31.5

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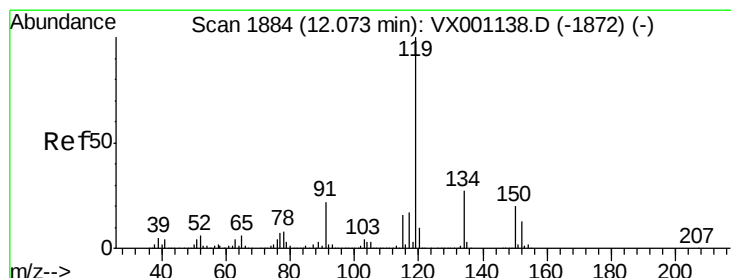
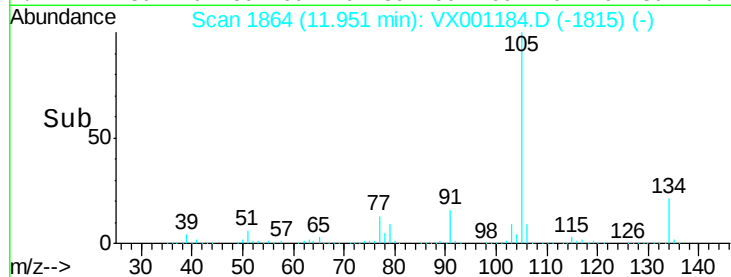
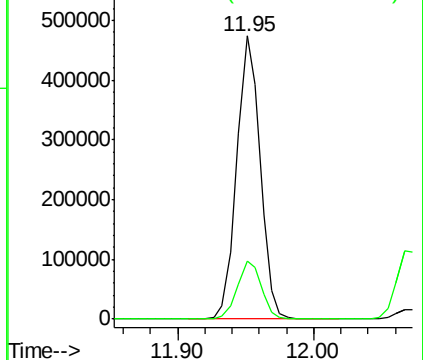
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.45 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

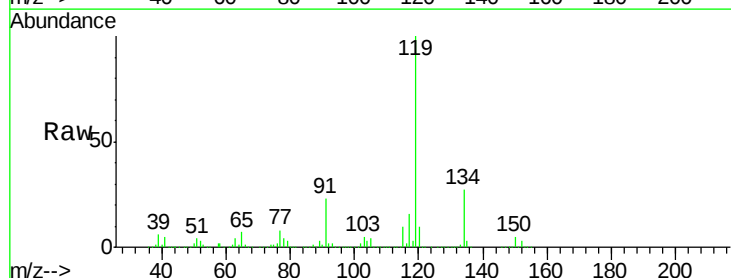
Tgt Ion:119 Resp: 528320

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

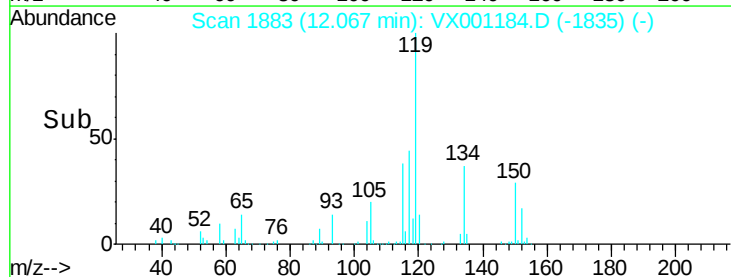
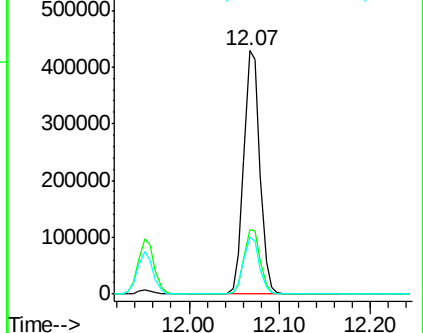
91 23.2 11.6 34.8

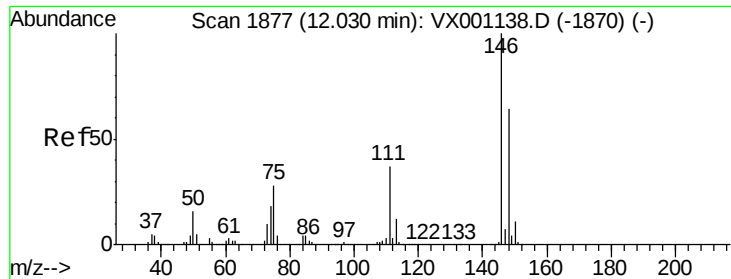


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





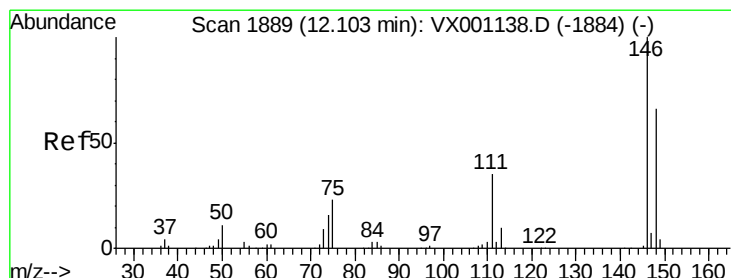
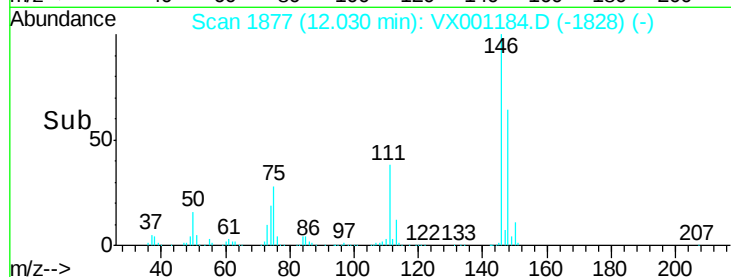
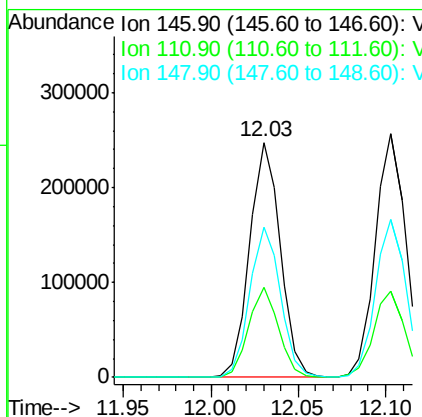
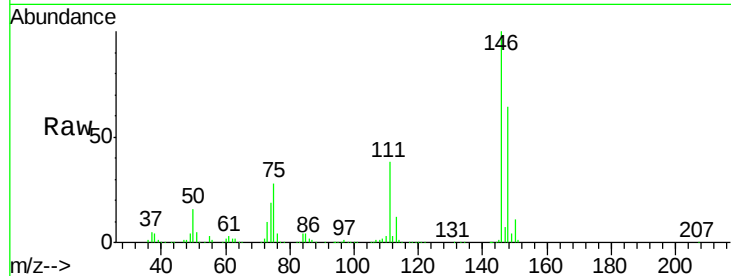
#87
 1,3-Dichlorobenzene
 Concen: 53.09 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	56.0
148	63.9	32.3	96.8

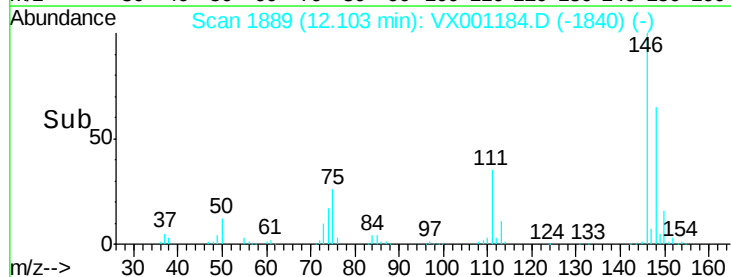
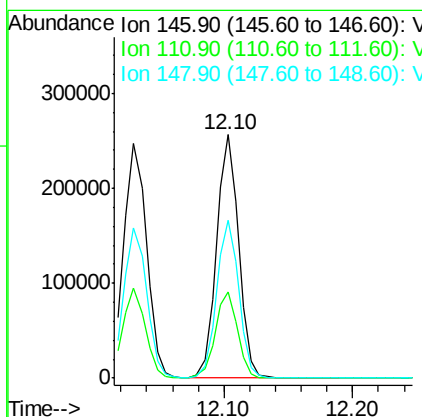
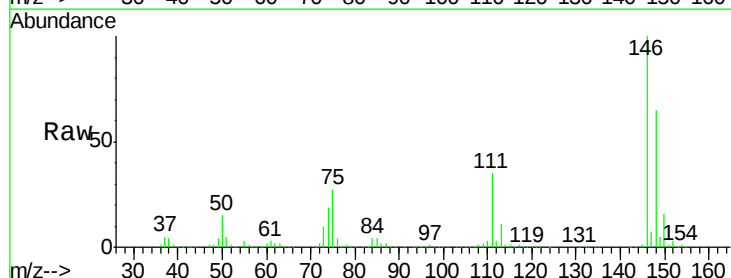
Manual Integrations
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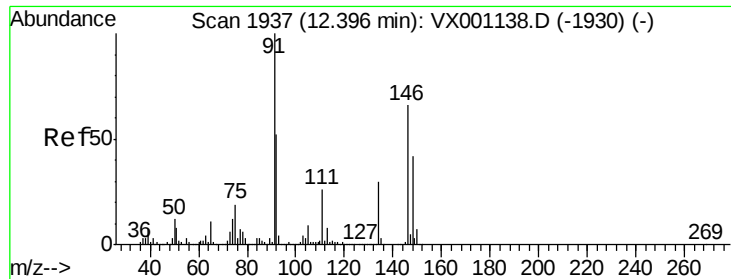
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 4/30/2018 6:04:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.09 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.0	54.0
148	65.1	32.5	97.5





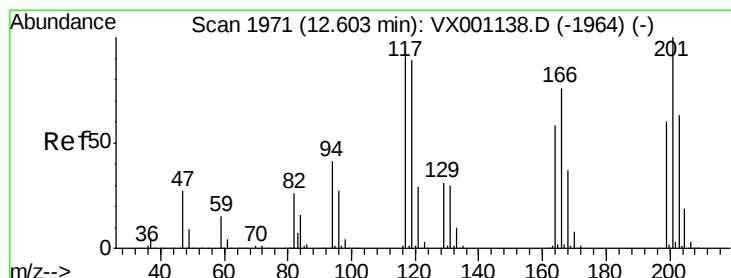
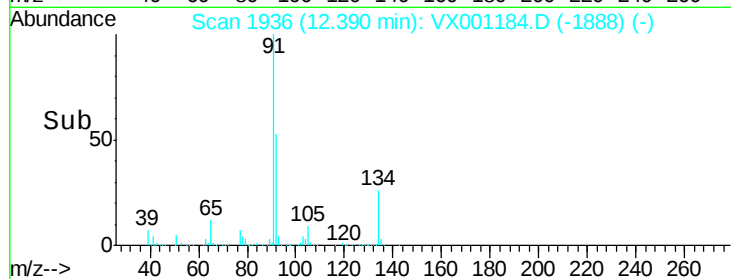
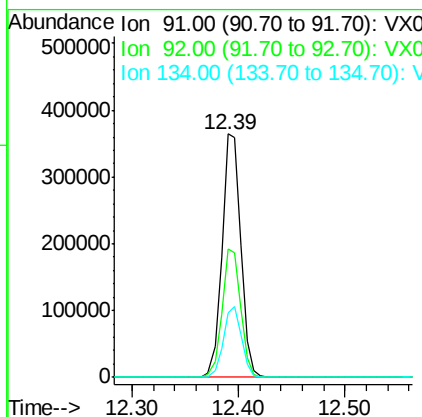
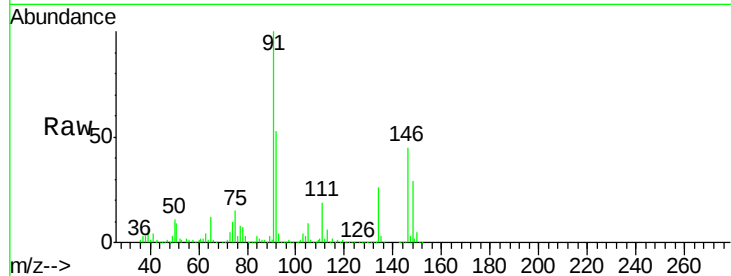
#89
n-Butylbenzene
Concen: 52.42 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.6
134	28.0	14.1	42.3

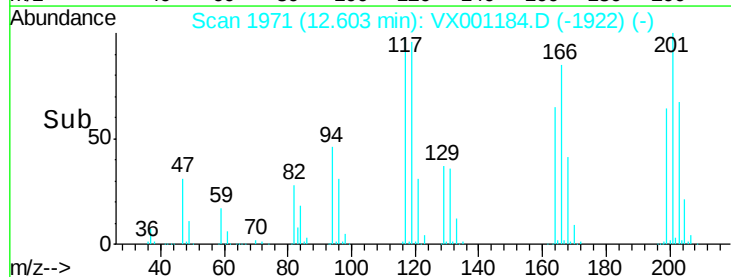
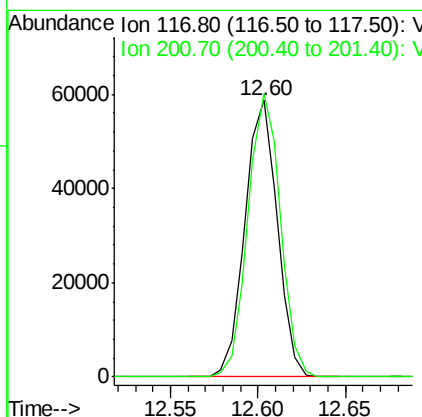
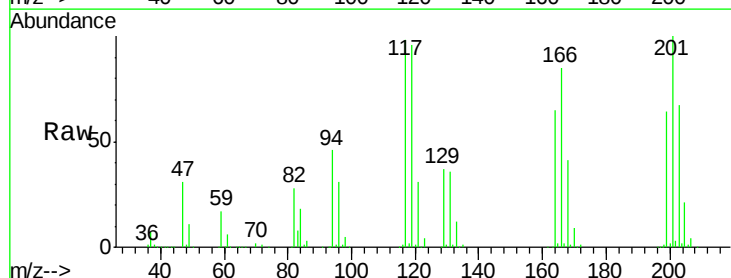
Manual Integrations
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#90
Hexachloroethane
Concen: 47.74 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.7	51.8	155.4





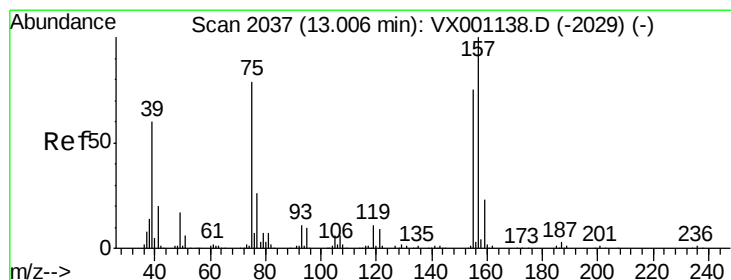
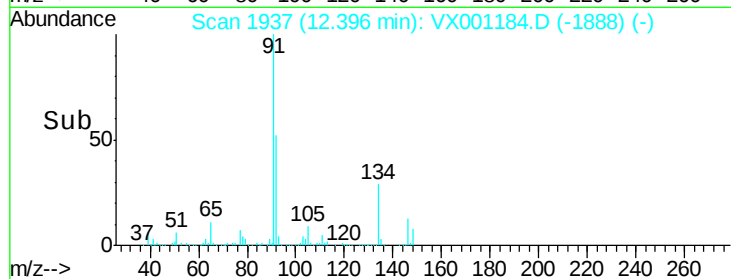
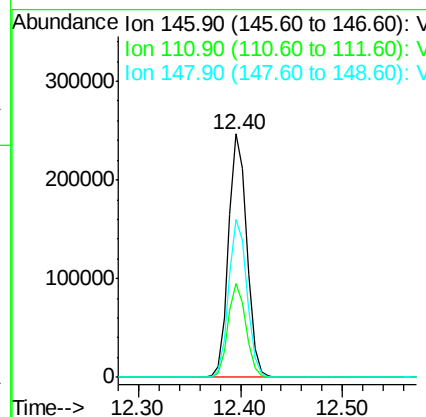
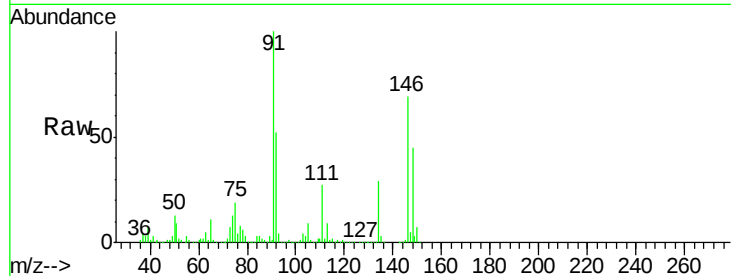
#91
 1,2-Dichlorobenzene
 Concen: 52.88 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.3
148	64.8	32.2	96.6

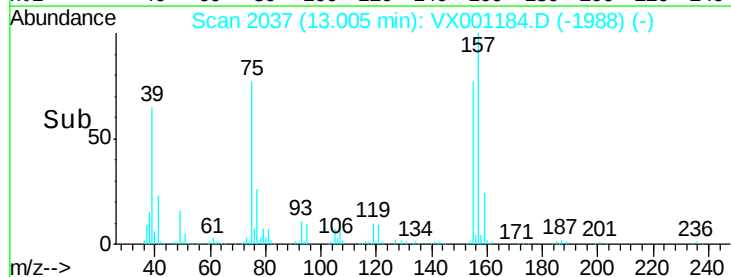
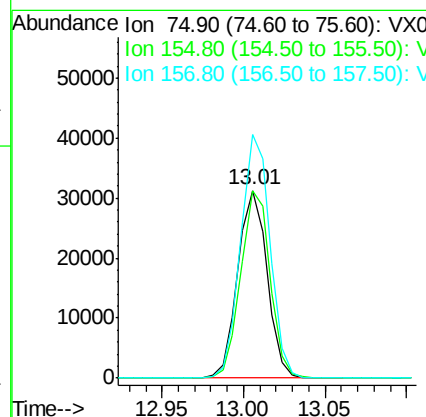
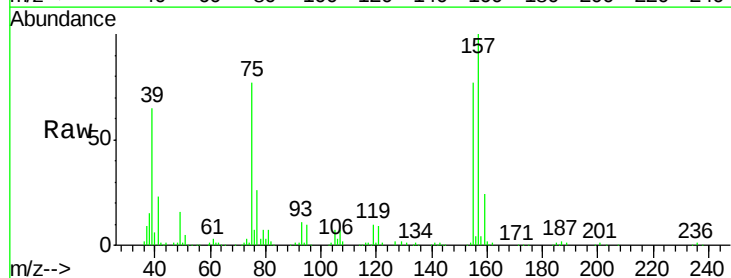
Manual Integrations
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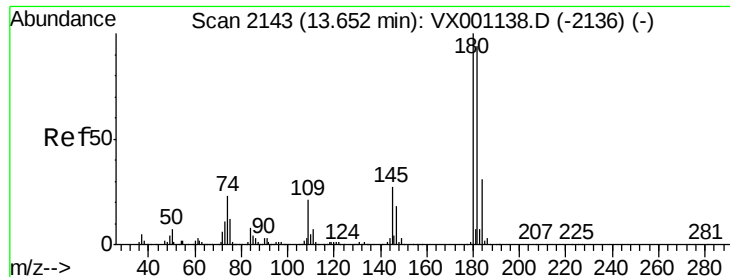
MMDadoda
 4/30/2018 6:04:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.61 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	48.4	145.3
157	130.4	62.7	188.1





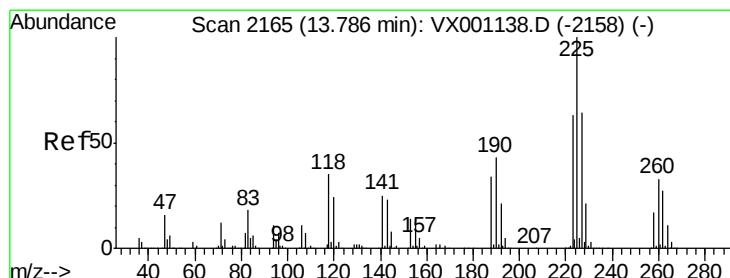
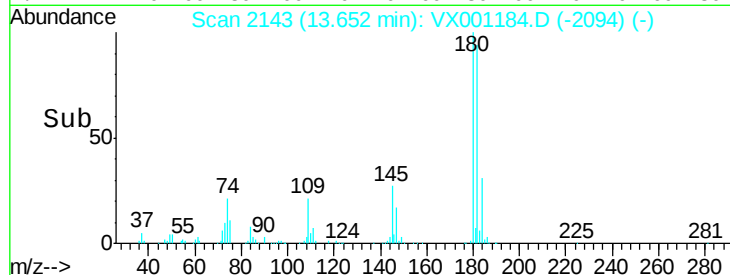
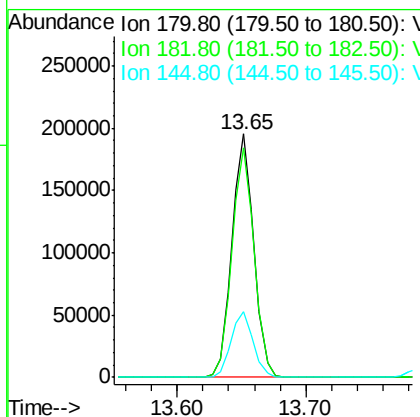
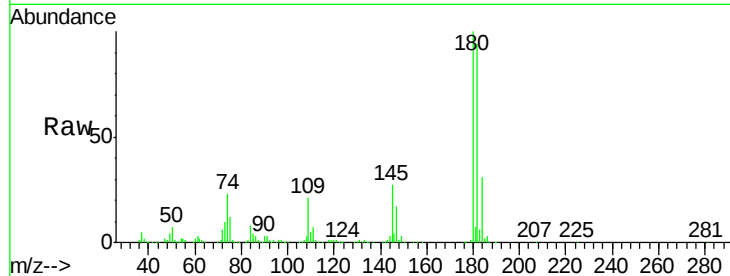
#93
 1,2,4-Trichlorobenzene
 Concen: 51.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	231583		
182	95.9	47.9	143.6	
145	27.5	13.8	41.4	

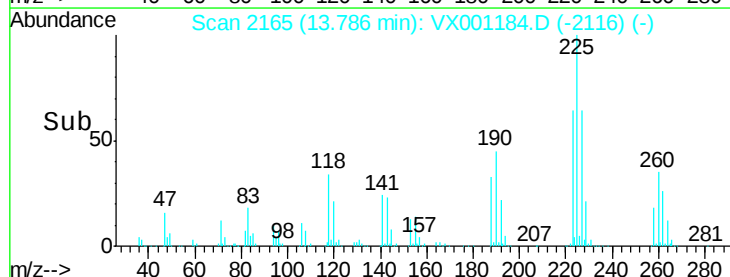
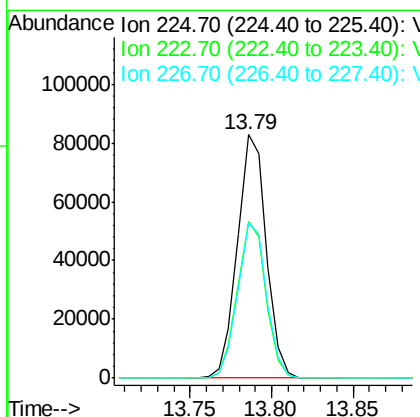
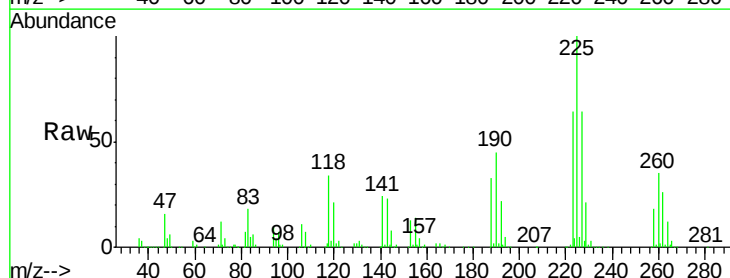
Manual Integrations
 APPROVED

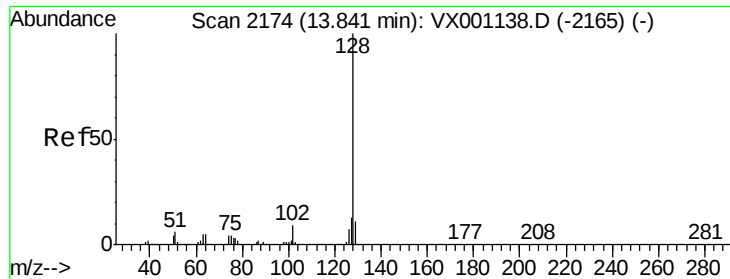
MMDadoda
 4/30/2018 6:04:39 PM



#94
 Hexachlorobutadiene
 Concen: 47.68 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101771		
223	63.6	31.3	93.9	
227	63.9	32.2	96.6	





#95

Naphthalene

Concen: 51.54 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

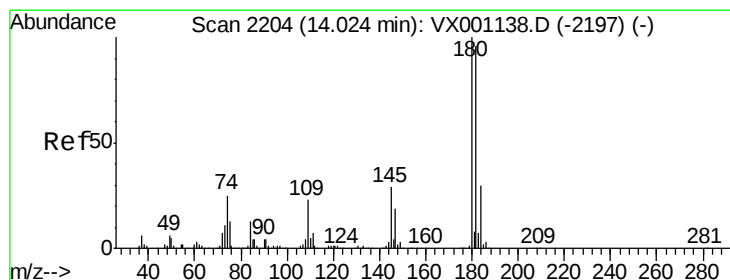
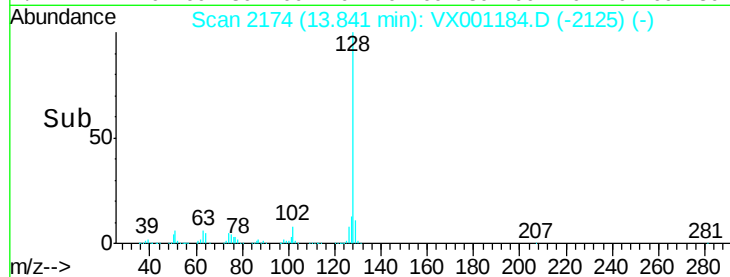
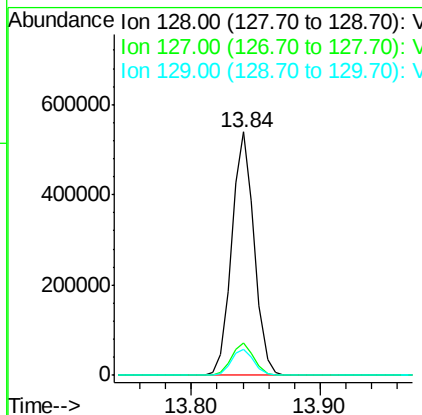
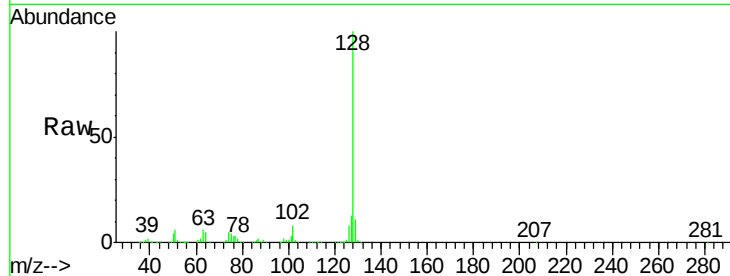
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	652059
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 51.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion:	180	Resp:	231959
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.2	144.6
145	28.9	14.5	43.5

