

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002866.D
 Acq On : 25 Jun 2018 18:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:29 PM

Quant Time: Jun 27 05:37:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185216	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.51	113	149127	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	554368	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	216548	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117864	47.38	ug/l	98
3) Chloromethane	1.32	50	121171	46.85	ug/l	100
4) Vinyl Chloride	1.40	62	139941	44.43	ug/l	98
5) Bromomethane	1.64	94	74472	50.69	ug/l	99
6) Chloroethane	1.72	64	90070	48.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	252000	47.43	ug/l	99
8) Diethyl Ether	2.19	74	90909	47.06	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142472	46.28	ug/l	98
10) Methyl Iodide	2.51	142	114738	38.40	ug/l	99
11) Tert butyl alcohol	3.07	59	192084	250.47	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125935	45.85	ug/l	95
13) Acrolein	2.29	56	96918	228.32	ug/l	100
14) Allyl chloride	2.73	41	255697	47.22	ug/l	98
15) Acrylonitrile	3.15	53	400794	244.67	ug/l	100
16) Acetone	2.45	43	393942	247.09	ug/l	99
17) Carbon Disulfide	2.57	76	318280	43.49	ug/l	98
18) Methyl Acetate	2.78	43	231531	51.94	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470641	47.66	ug/l	98
20) Methylene Chloride	2.85	84	141195	45.51	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	137369	45.91	ug/l	97
22) Diisopropyl ether	3.87	45	494312	47.76	ug/l	96
23) Vinyl Acetate	3.82	43	2110649	240.82	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266068	47.30	ug/l	99
25) 2-Butanone	4.71	43	595409	251.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	215153	47.03	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157493	46.95	ug/l	94
28) Bromochloromethane	5.02	49	130699	48.54	ug/l	94
29) Tetrahydrofuran	5.17	42	377554	248.83	ug/l	98
30) Chloroform	5.22	83	272515	47.20	ug/l	98
31) Cyclohexane	5.57	56	229611	47.56	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	243755	47.99	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198962	48.46	ug/l	99
37) Ethyl Acetate	4.86	43	223234	50.50	ug/l	99
38) Carbon Tetrachloride	5.78	117	221278	49.11	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239793	50.14	ug/l	98
40) Benzene	6.15	78	583351	48.90	ug/l	100
41) Methacrylonitrile	5.07	41	128463	50.46	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230313	47.79	ug/l	100
43) Isopropyl Acetate	6.47	43	370445	49.96	ug/l	99
44) Trichloroethene	7.21	130	174781	49.14	ug/l	98
45) 1,2-Dichloropropane	7.52	63	153728	48.58	ug/l	100
46) Dibromomethane	7.67	93	105821	48.19	ug/l	97
47) Bromodichloromethane	7.90	83	205040	50.50	ug/l	98
48) Methyl methacrylate	7.78	41	195671	51.22	ug/l	98
49) 1,4-Dioxane	7.76	88	75899	1021.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1221530	263.33	ug/l	99
52) Toluene	8.79	92	382854	50.10	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	241708	52.57	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	227003	51.31	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156043	49.69	ug/l	99
56) Ethyl methacrylate	9.18	69	235642	51.34	ug/l	98
57) 1,3-Dichloropropane	9.37	76	255598	49.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	572516	258.56	ug/l	98
59) 2-Hexanone	9.50	43	937831	266.02	ug/l	97
60) Dibromochloromethane	9.59	129	170634	51.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166723	50.61	ug/l	100
64) Tetrachloroethene	9.34	164	195480	48.86	ug/l	97
65) Chlorobenzene	10.14	112	443467	48.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165758	49.93	ug/l	99
67) Ethyl Benzene	10.26	91	766327	50.76	ug/l	99
68) m/p-Xylenes	10.36	106	593325	101.98	ug/l	99
69) o-Xylene	10.70	106	286906	50.64	ug/l	99
70) Styrene	10.71	104	475290	51.63	ug/l	99
71) Bromoform	10.86	173	136938	45.99	ug/l	99
73) Isopropylbenzene	11.02	105	792660	50.78	ug/l	100
74) N-amyl acetate	6.47	43	370445	48.50	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.27	83	232257	48.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	212796m	50.63	ug/l	
77) Bromobenzene	11.26	156	215945	48.58	ug/l	98
78) n-propylbenzene	11.37	91	916727	51.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	532033	49.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674351	51.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67364	46.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	639201	50.19	ug/l	99
83) tert-Butylbenzene	11.77	119	662291	51.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691322	50.75	ug/l	100
85) sec-Butylbenzene	11.95	105	811752	51.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	738088	52.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	402600	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405740	48.56	ug/l	99
89) n-Butylbenzene	12.39	91	644037	52.36	ug/l	99
90) Hexachloroethane	12.60	117	111691	53.14	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	401422	48.99	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55294	51.15	ug/l	97

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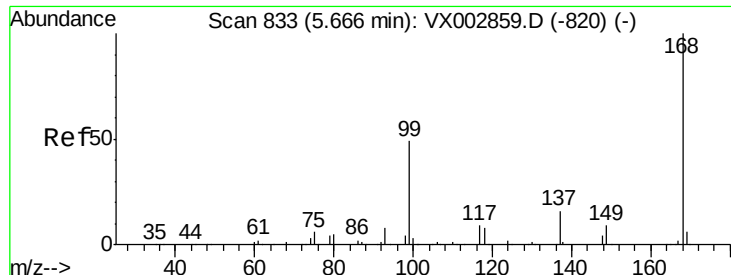
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	309241	51.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	157217	52.86	ug/l	99
95) Naphthalene	13.84	128	838063	52.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306219	51.41	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 278525

Ion Ratio Lower Upper

168 100

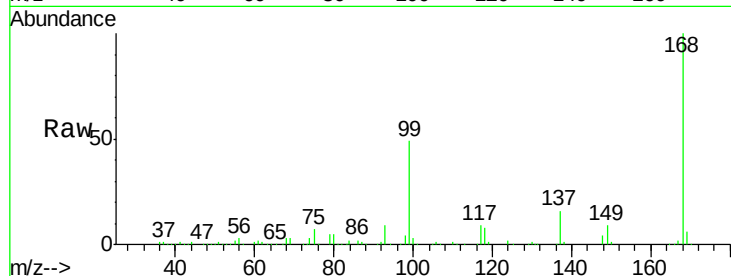
99 49.2 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

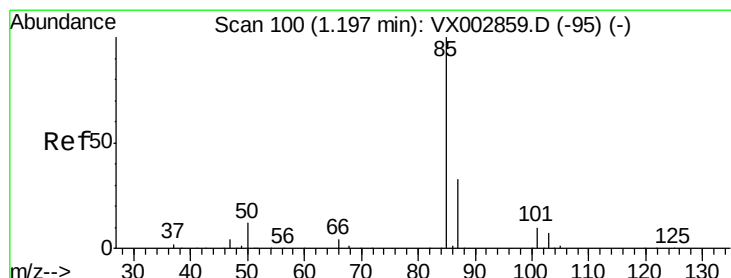
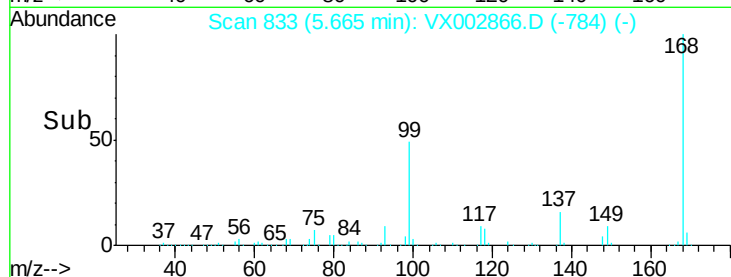
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002866.D

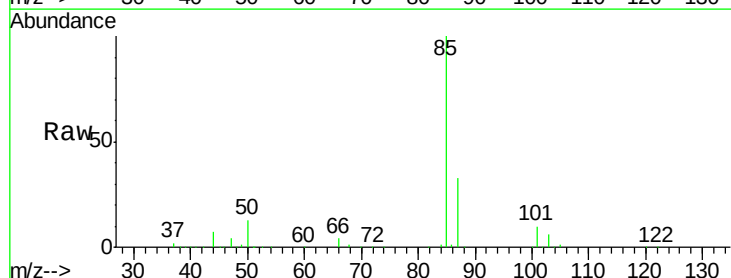
Acq: 25 Jun 2018 18:26

Tgt Ion: 85 Resp: 117864

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

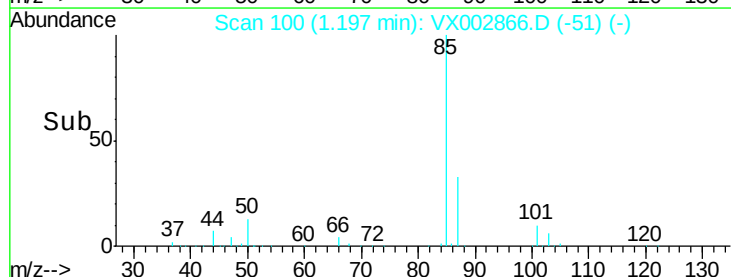
1.20

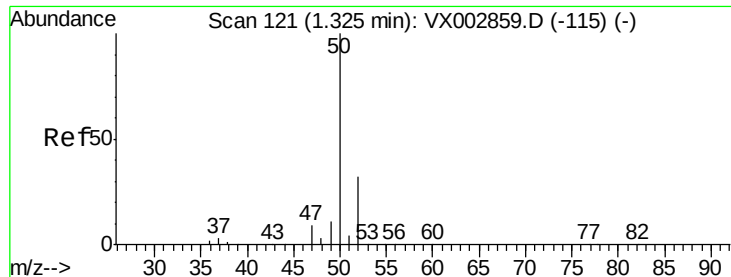
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 121171

Ion Ratio Lower Upper

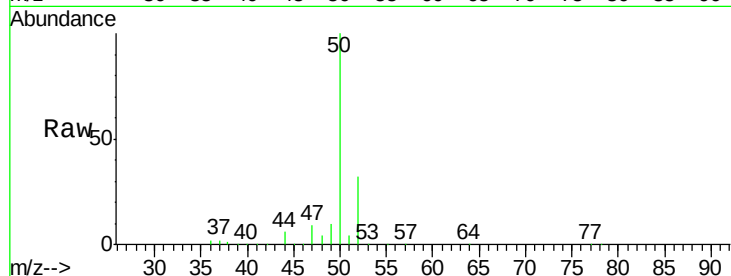
50 100

52 32.4 25.7 38.5

Manual Integrations
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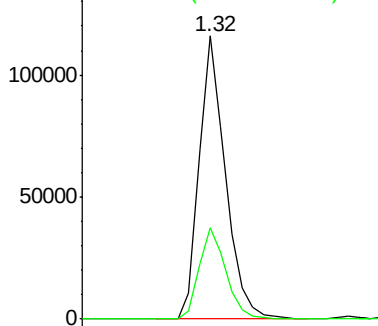
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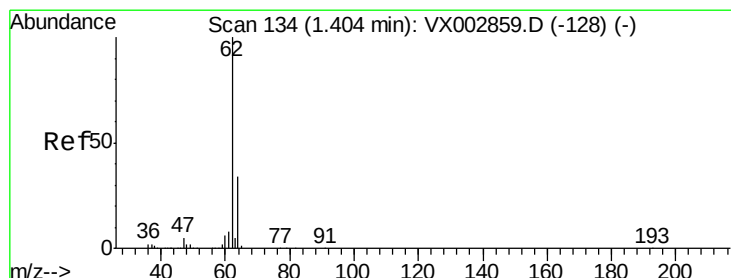
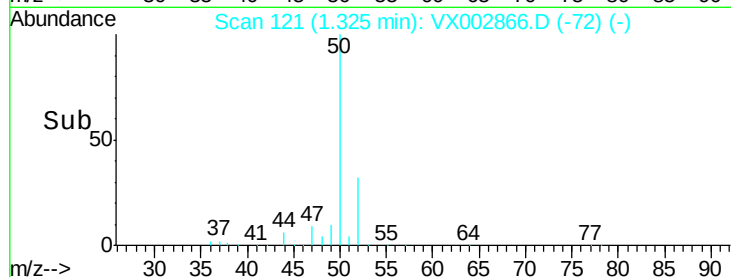


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 44.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002866.D

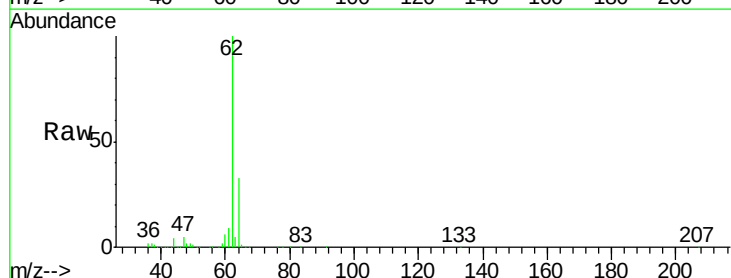
Acq: 25 Jun 2018 18:26

Tgt Ion: 62 Resp: 139941

Ion Ratio Lower Upper

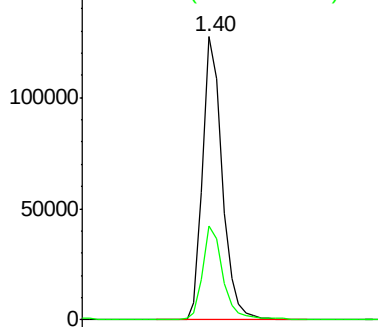
62 100

64 33.0 25.4 38.2

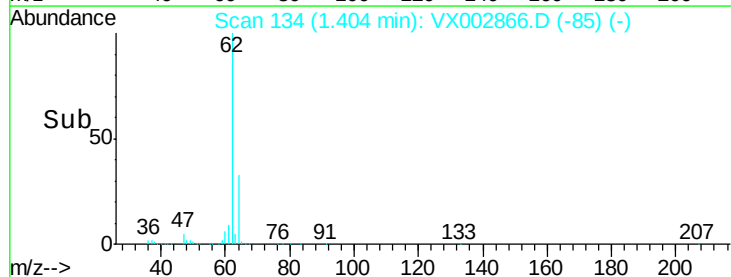


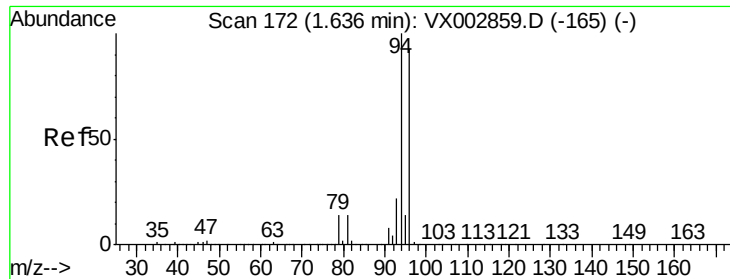
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 50.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74472

Ion Ratio Lower Upper

94 100

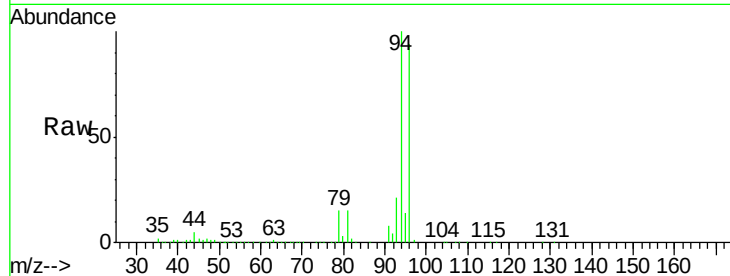
96 94.3 74.9 112.3

Manual Integrations

APPROVED

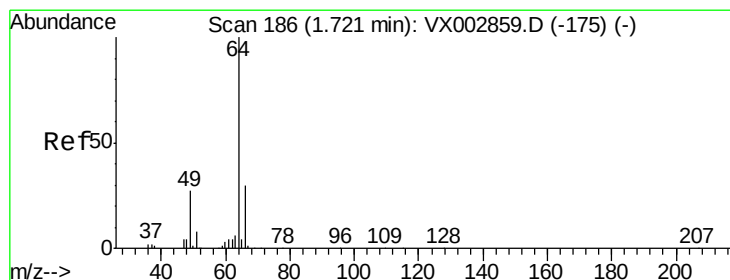
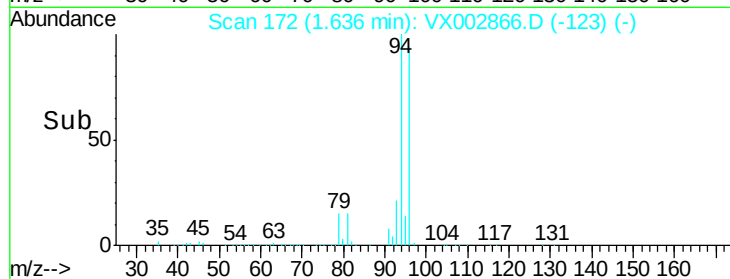
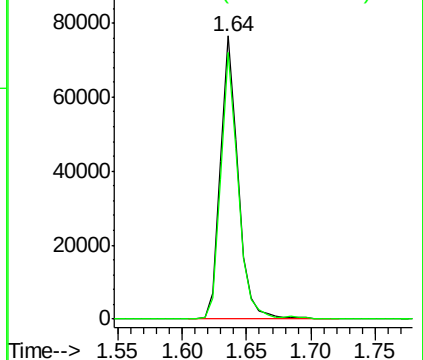
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.68 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002866.D

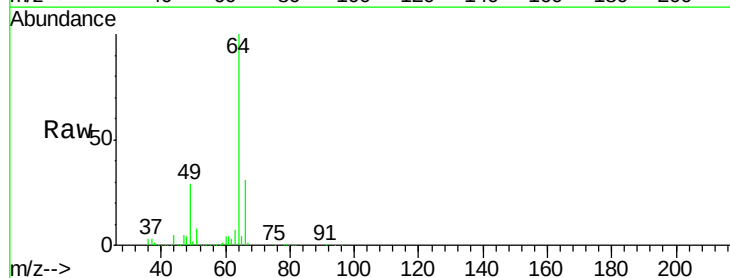
Acq: 25 Jun 2018 18:26

Tgt Ion: 64 Resp: 90070

Ion Ratio Lower Upper

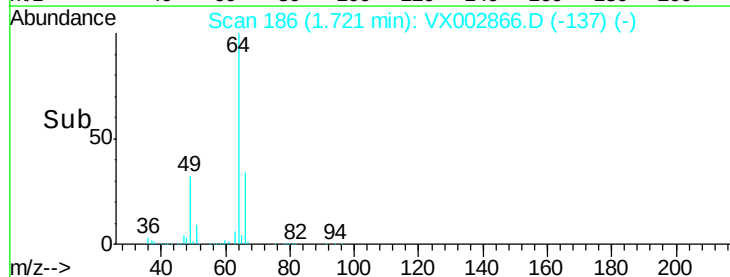
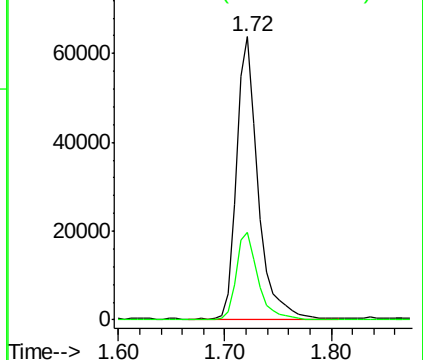
64 100

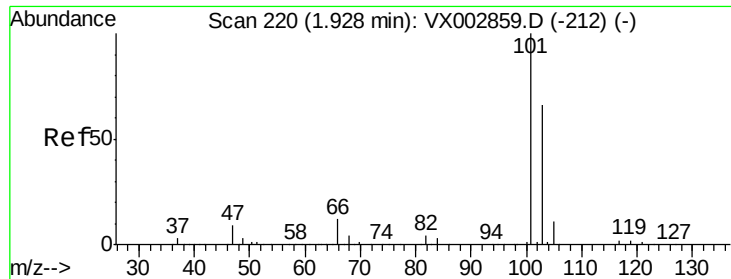
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

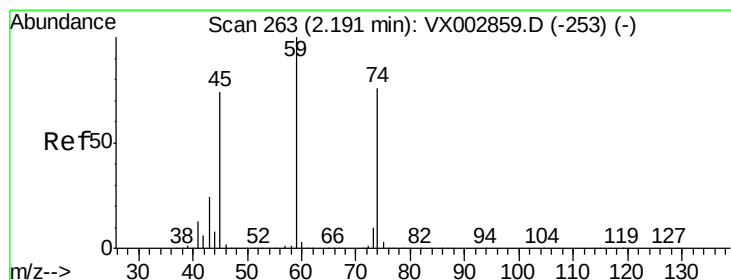
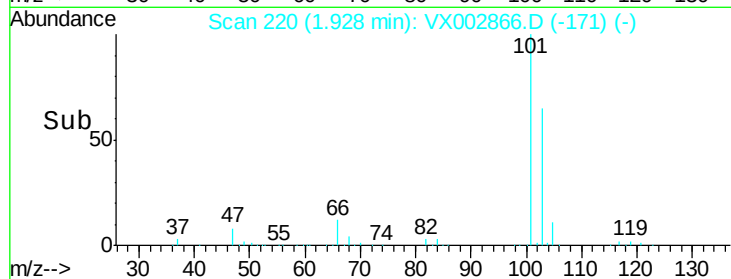
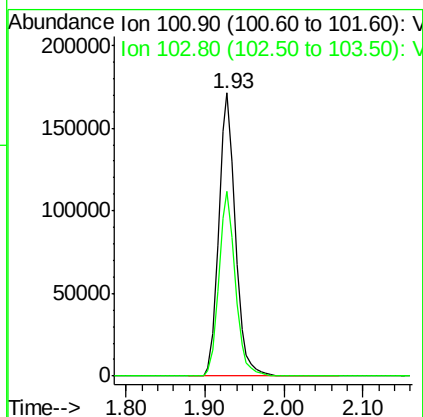
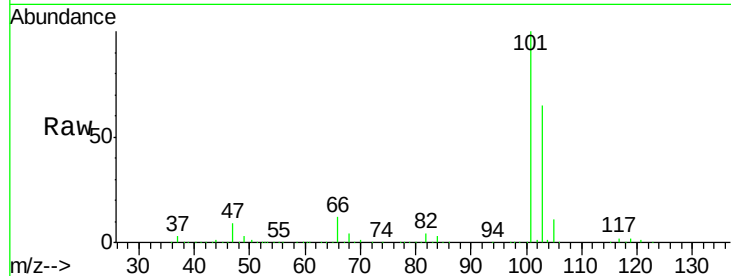
Trichlorofluoromethane
Concen: 47.43 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.8	79.2

Manual Integrations
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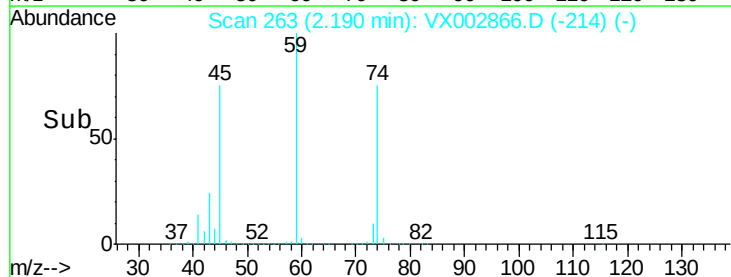
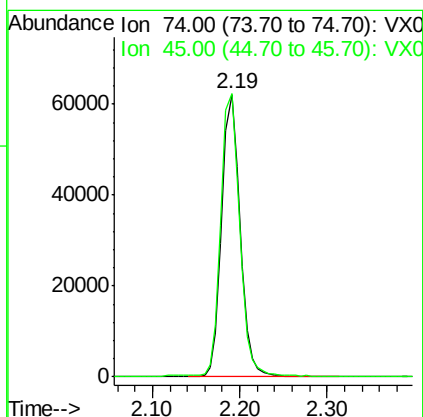
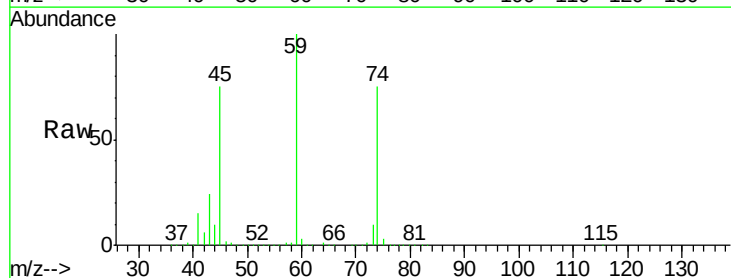
MMDadoda
6/28/2018 2:26:29 PM

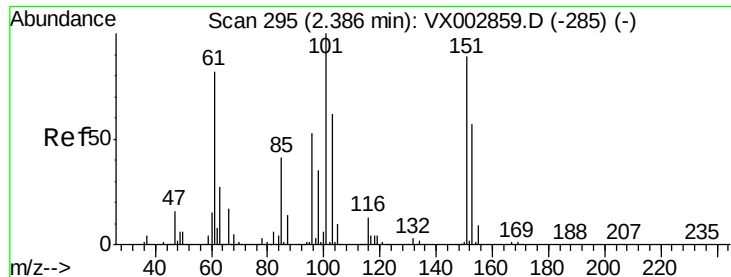


#8

Diethyl Ether
Concen: 47.06 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

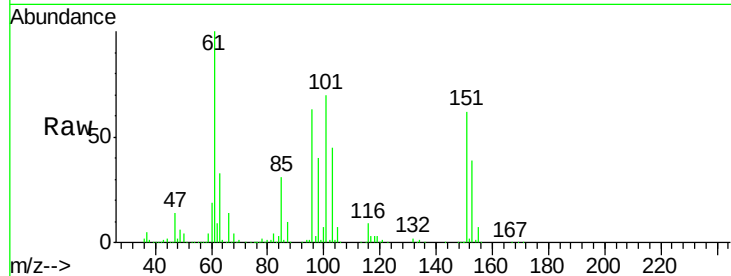
ClientSampleId :

VSTDCCC050

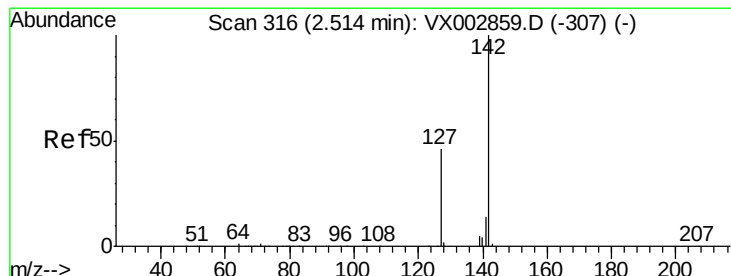
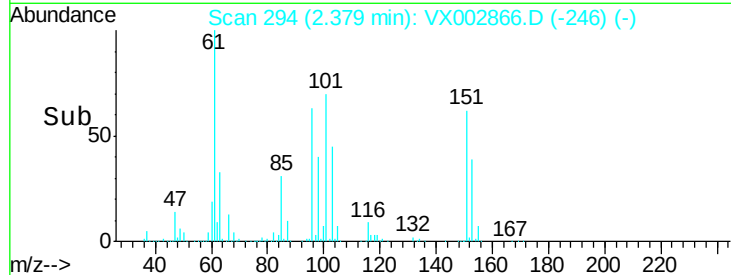
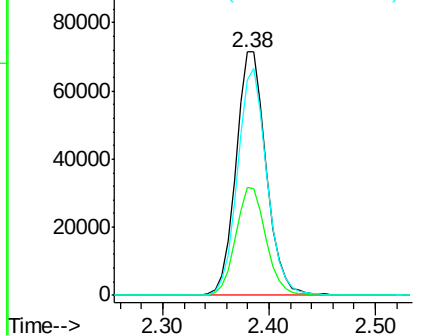
Tot Ion:	101	Resp:	142472
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.0	54.0
151	90.6	70.9	106.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.40 ug/l

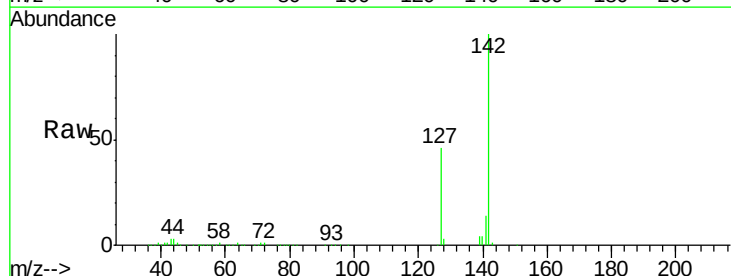
RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

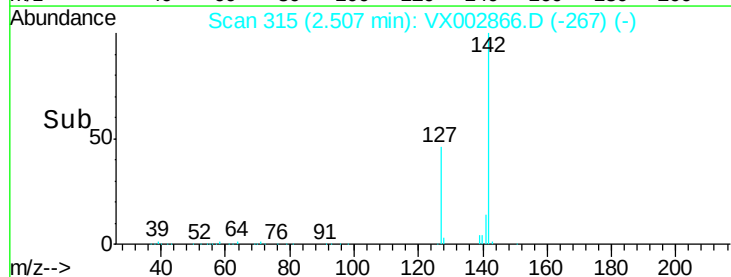
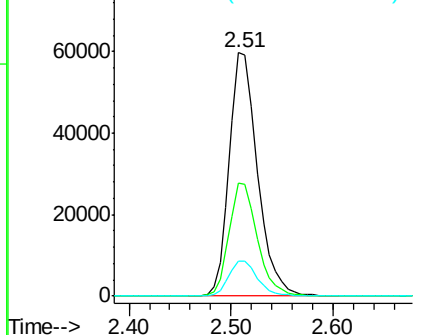
Lab File: VX002866.D

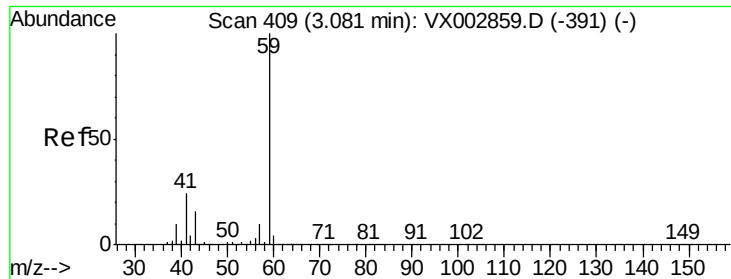
Acq: 25 Jun 2018 18:26

Tgt Ion:	142	Resp:	114738
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	55.0
141	14.6	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





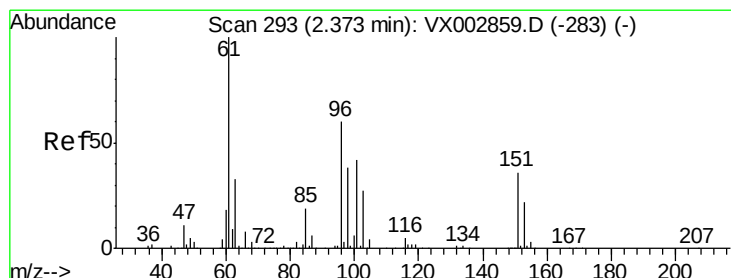
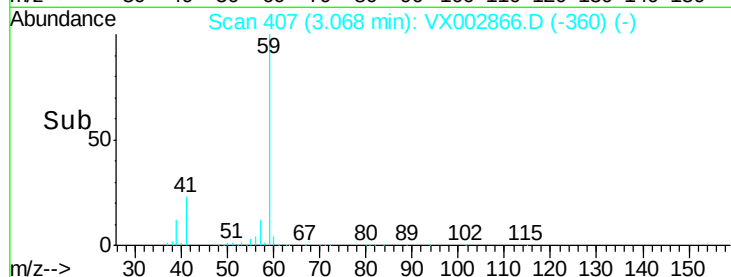
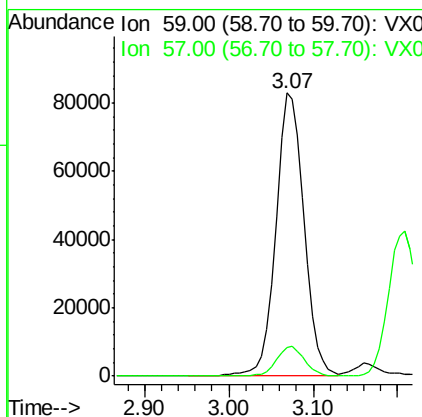
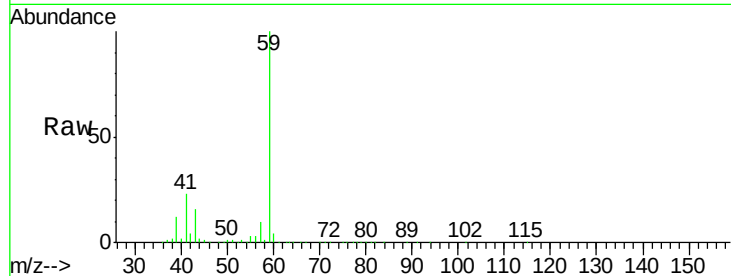
#11
Tert butyl alcohol
Concen: 250.47 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

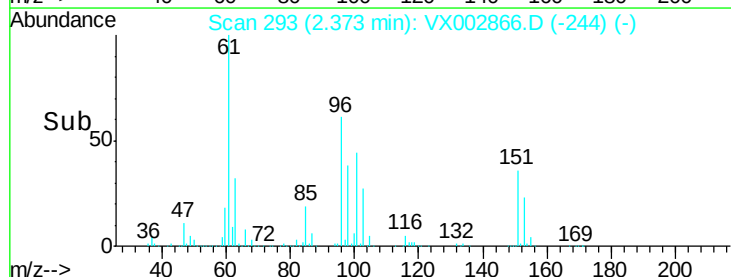
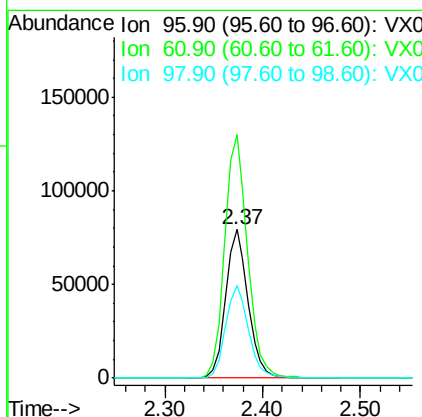
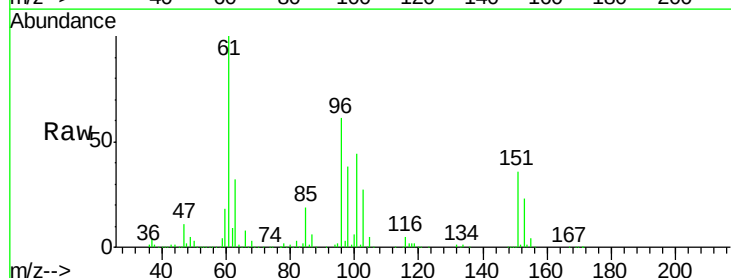
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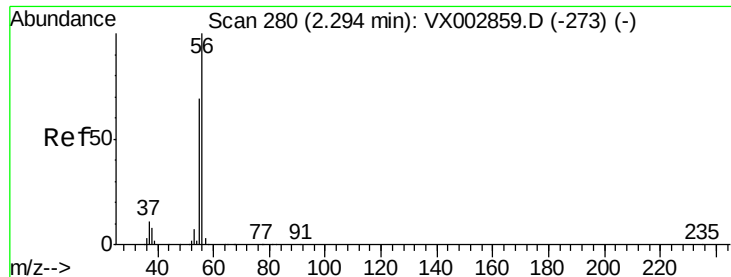
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.85 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	137.9	206.9
98	62.2	51.6	77.4





#13

Acrolein

Concen: 228.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 96918

Ion Ratio Lower Upper

56 100

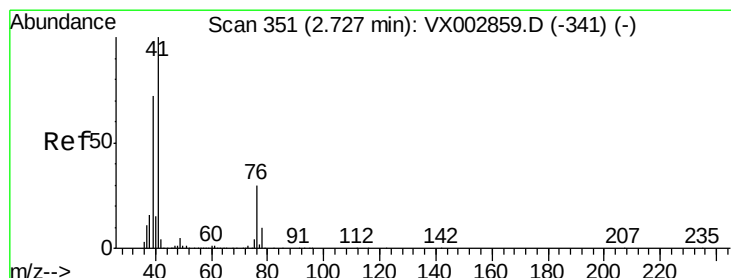
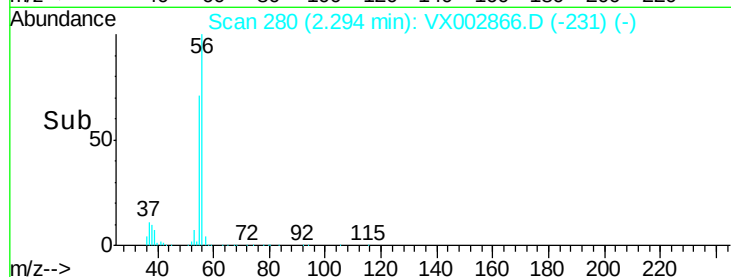
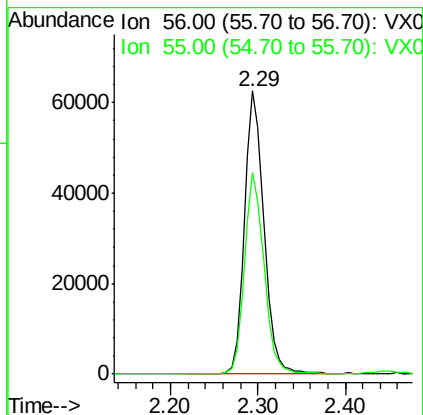
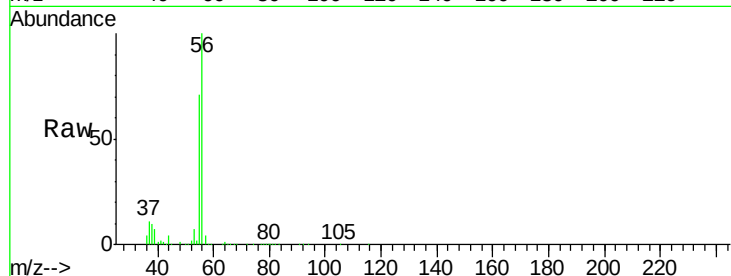
55 71.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 47.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

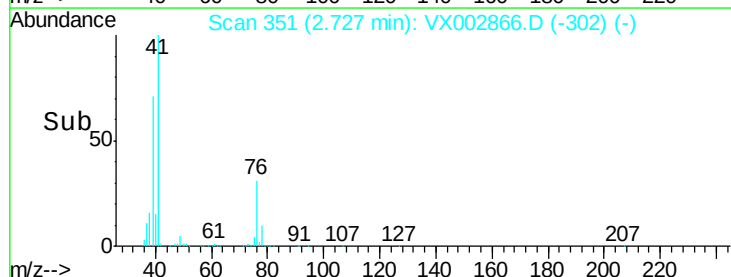
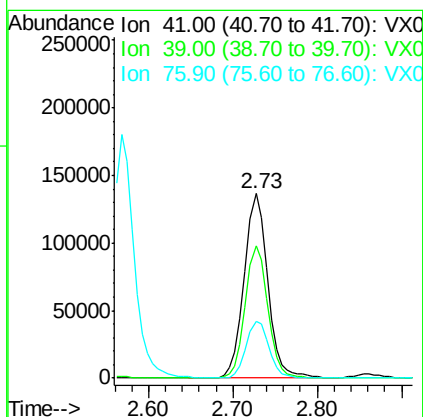
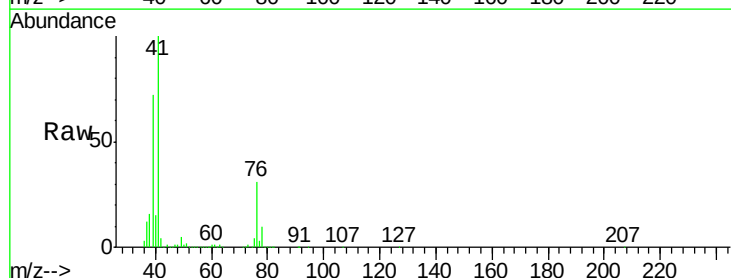
Tgt Ion: 41 Resp: 255697

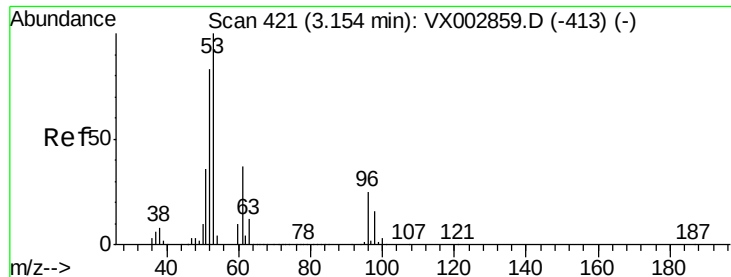
Ion Ratio Lower Upper

41 100

39 69.0 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 244.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

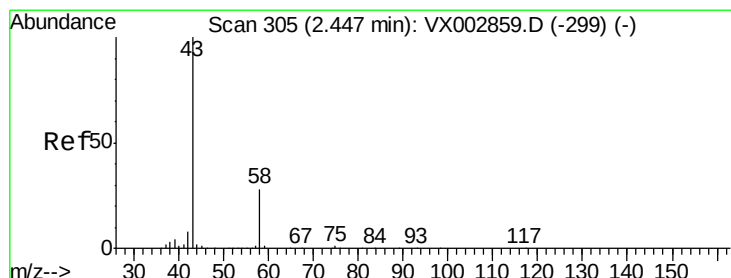
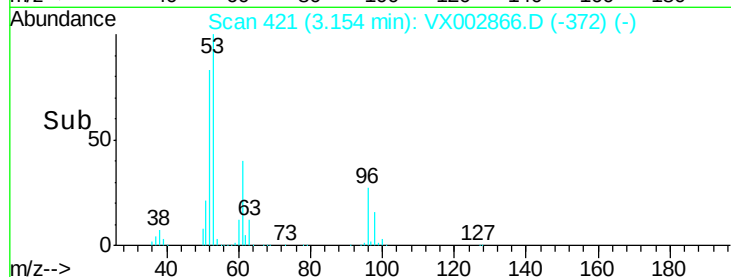
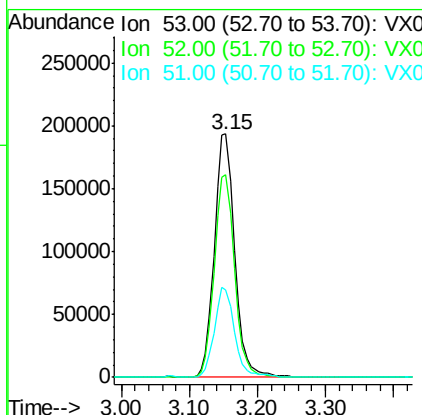
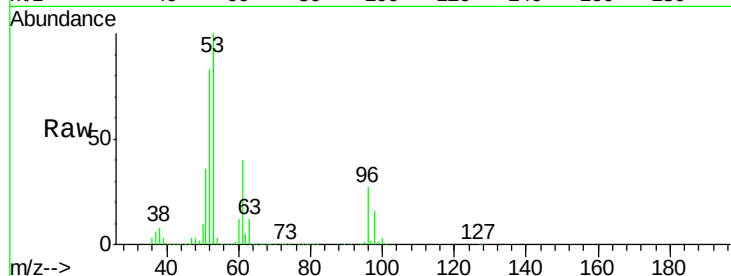
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	400794
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	36.8	29.9	44.9

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#16

Acetone

Concen: 247.09 ug/l

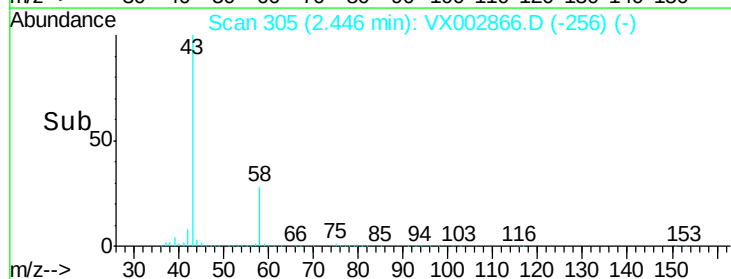
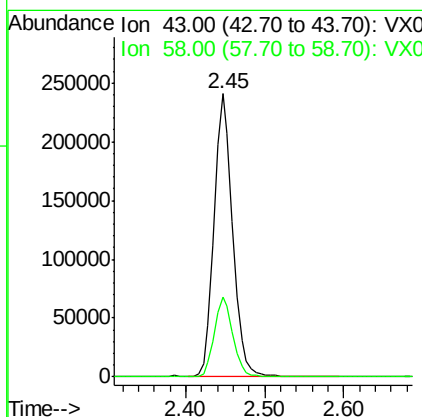
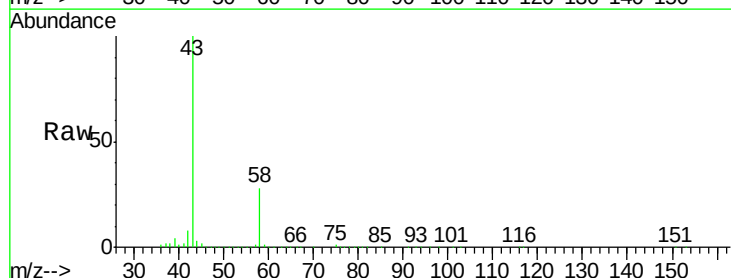
RT: 2.45 min Scan# 305

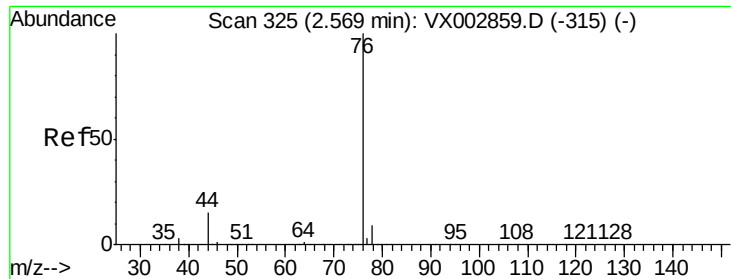
Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	43	Resp:	393942
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.1	33.1





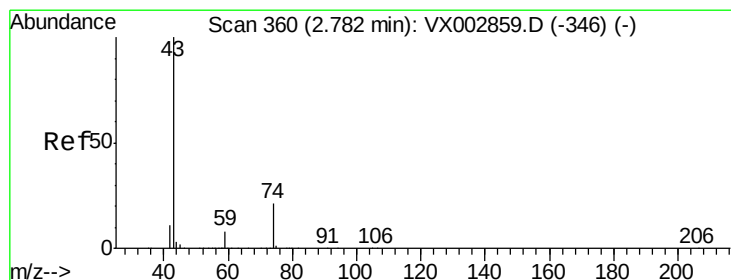
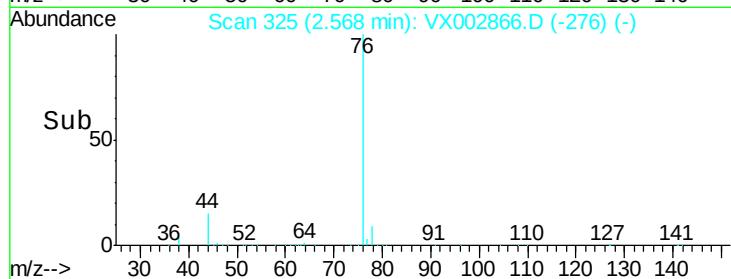
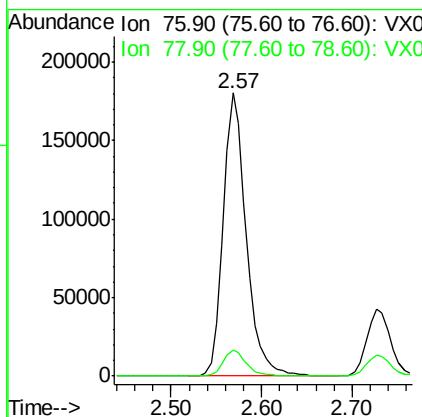
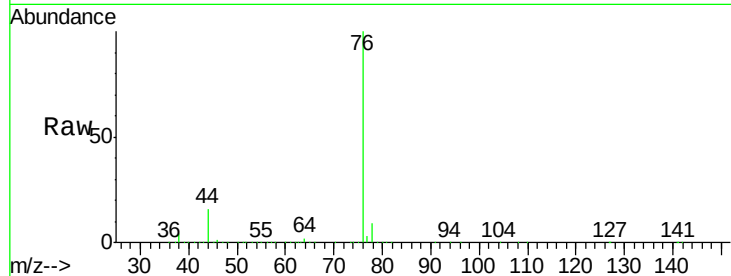
#17
Carbon Disulfide
Concen: 43.49 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	318280		
78	9.2		6.9	10.3

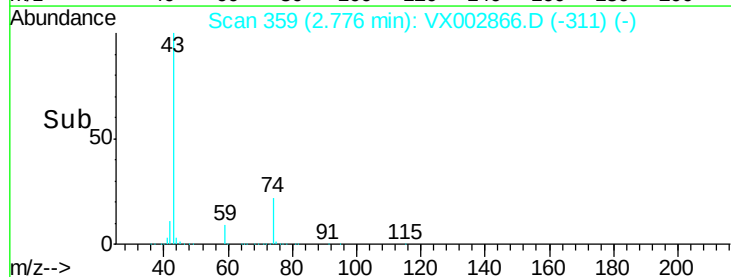
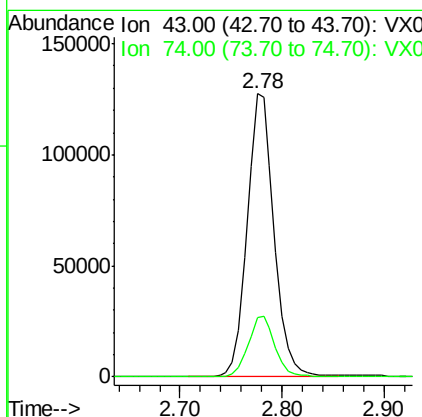
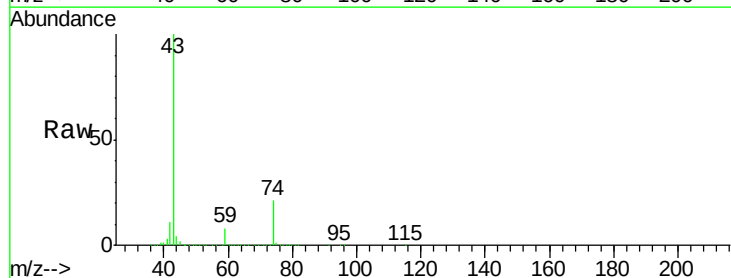
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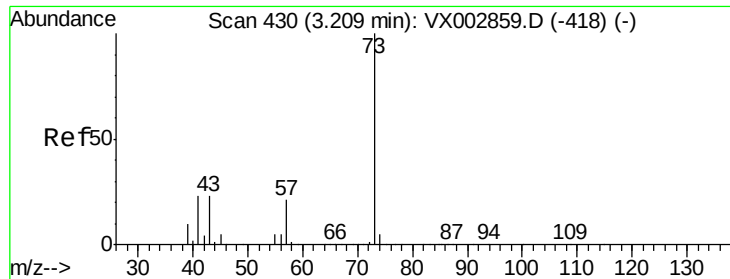
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#18
Methyl Acetate
Concen: 51.94 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	231531		
74	21.1		16.7	25.1





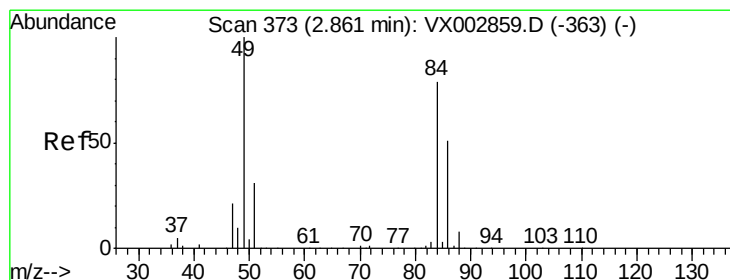
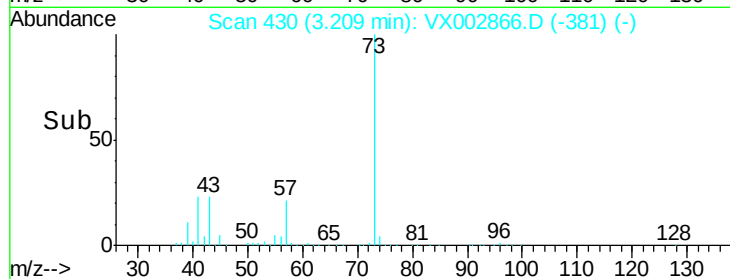
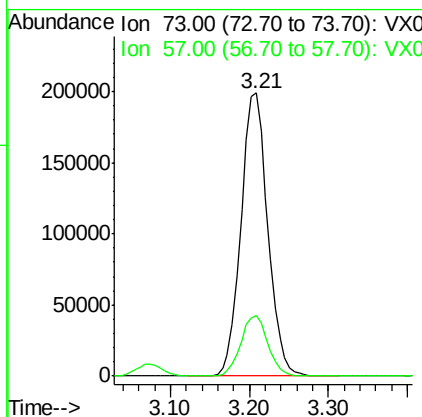
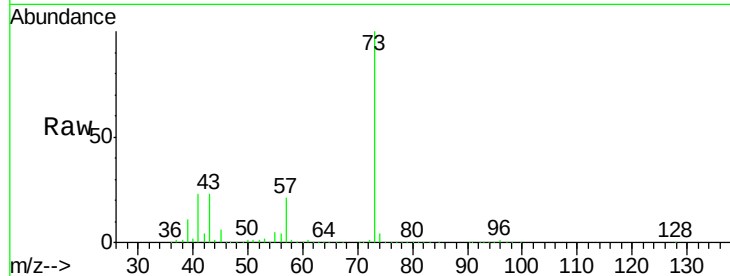
#19
Methyl tert-butyl Ether
Concen: 47.66 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 470641
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

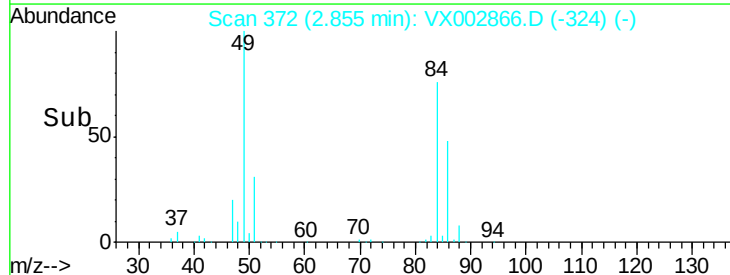
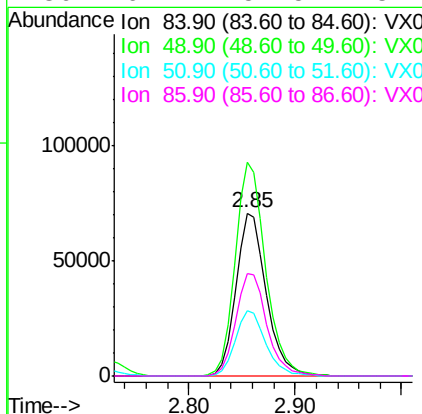
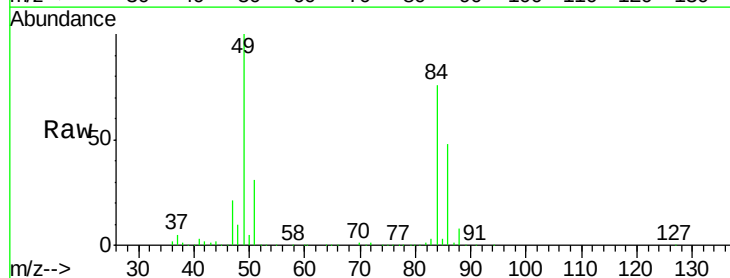
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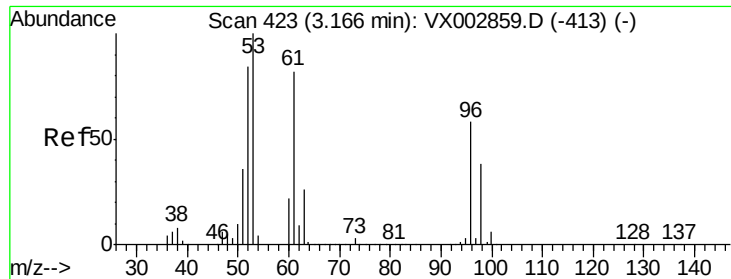
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#20
Methylene Chloride
Concen: 45.51 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 84 Resp: 141195
Ion Ratio Lower Upper
84 100
49 131.2 107.8 161.6
51 40.2 32.8 49.2
86 62.7 52.5 78.7





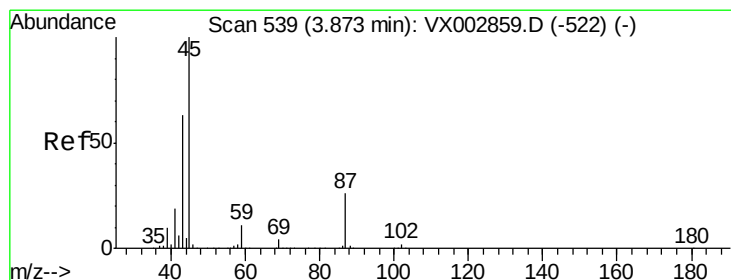
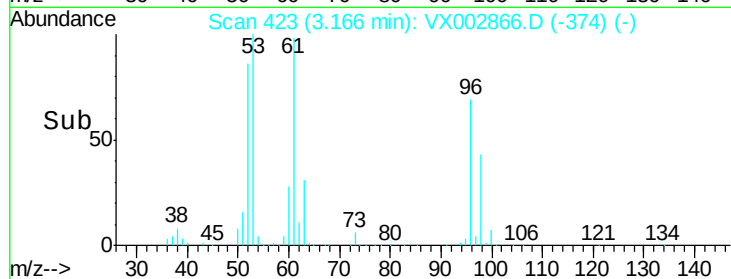
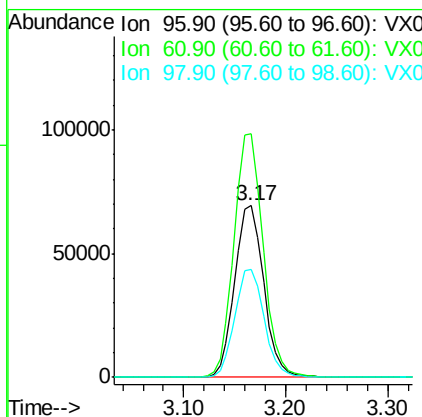
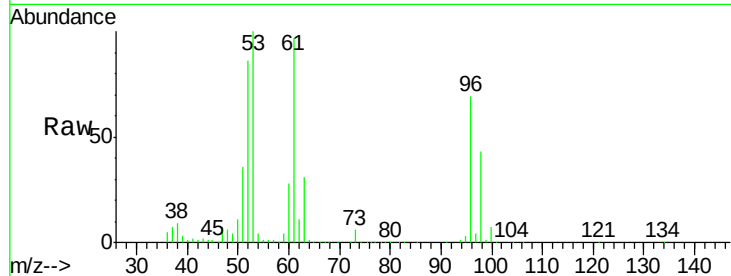
#21
trans-1,2-Dichloroethene
Concen: 45.91 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	117.0	175.4
98	63.2	52.4	78.6

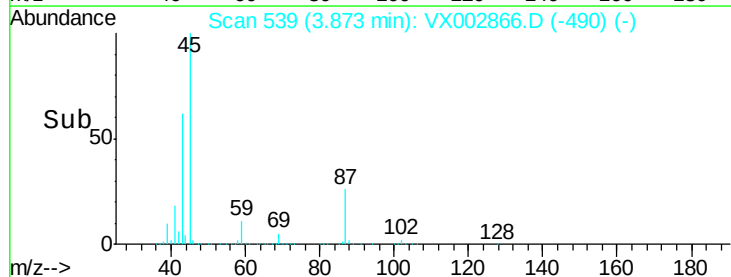
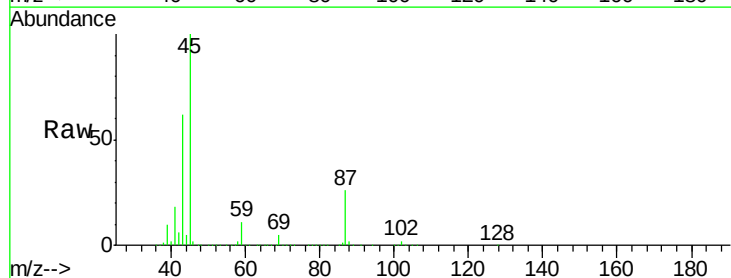
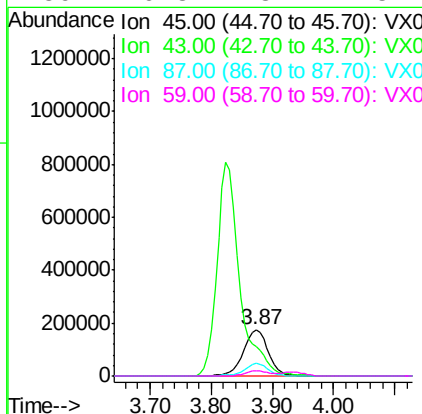
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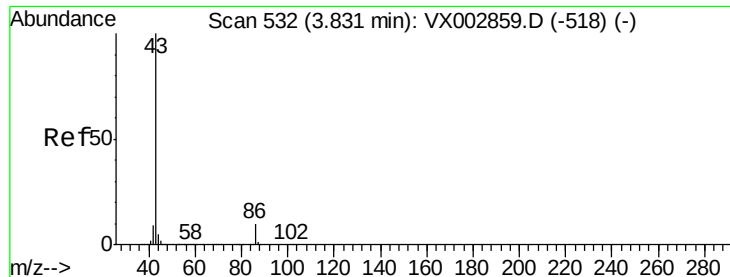
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#22
Diisopropyl ether
Concen: 47.76 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.1	46.8	70.2
87	26.2	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 240.82 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2110649

Ion Ratio Lower Upper

43 100

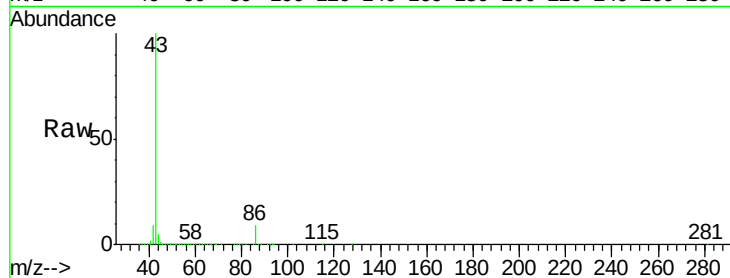
86 9.3 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

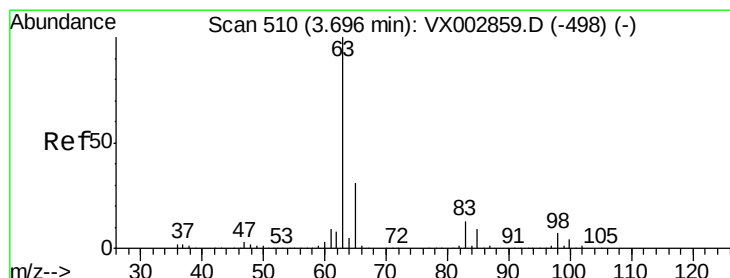
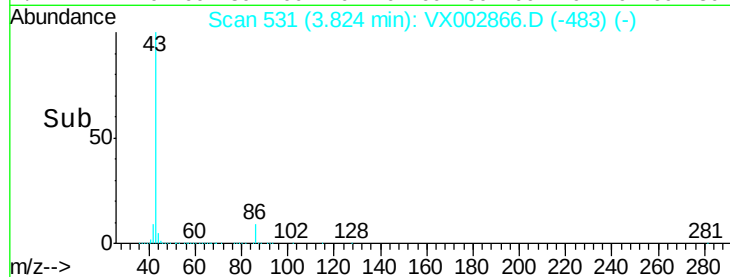
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

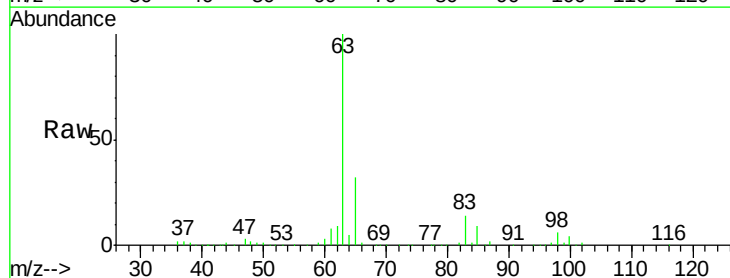
Tgt Ion: 63 Resp: 266068

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

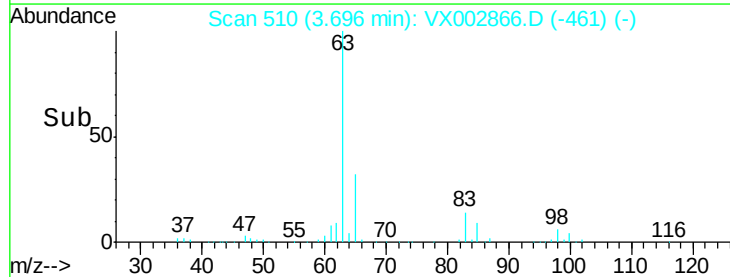
150000

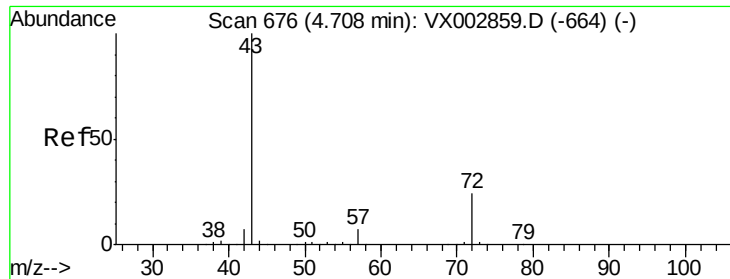
100000

50000

0

Time-->





#25

2-Butanone

Concen: 251.64 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 595409

Ion Ratio Lower Upper

43 100

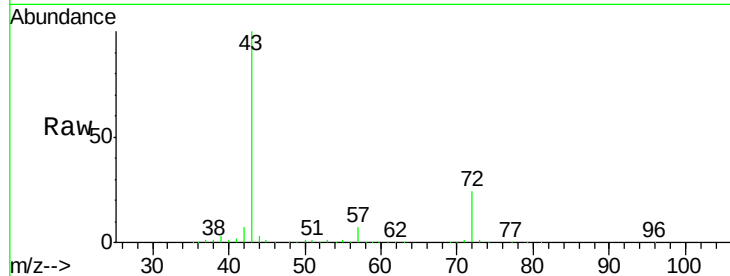
72 23.5 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

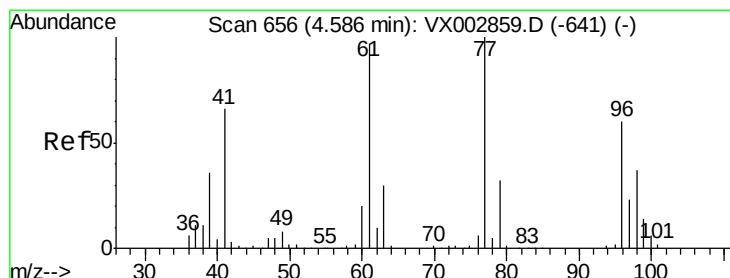
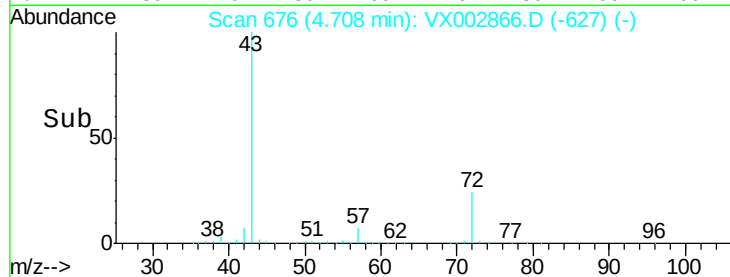
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002866.D

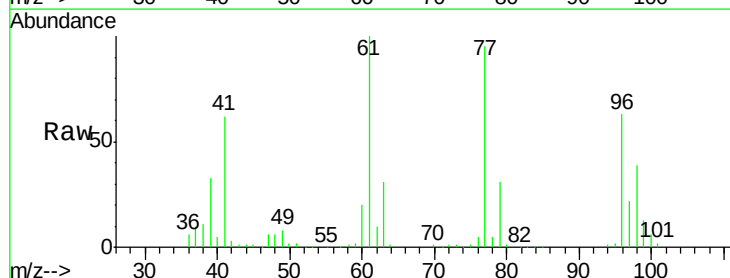
Acq: 25 Jun 2018 18:26

Tgt Ion: 77 Resp: 215153

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

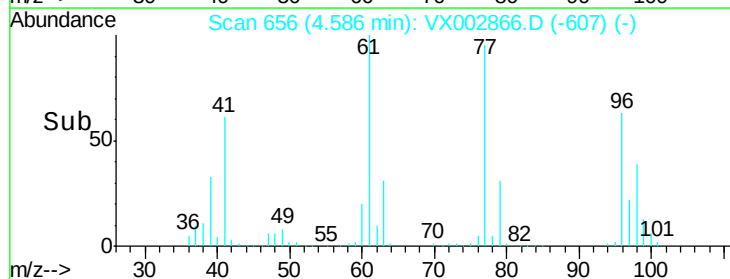
40000

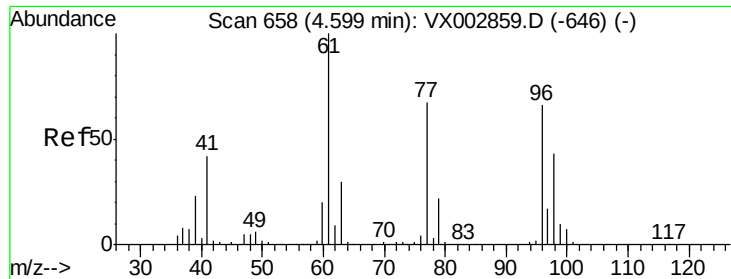
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.95 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tot Ion:	96	Resp:	157493
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	330.2
98	64.2	0.0	130.2

Instrument :

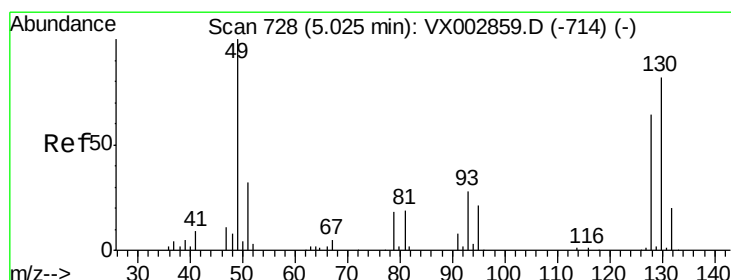
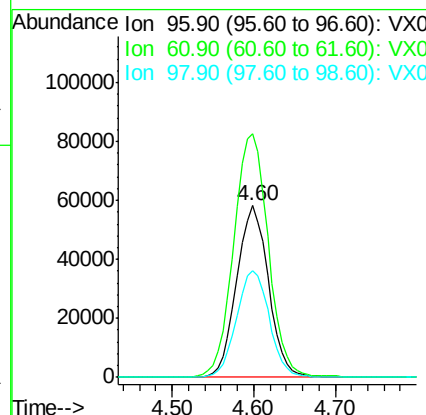
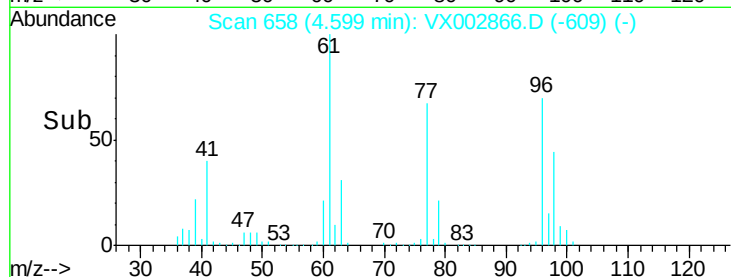
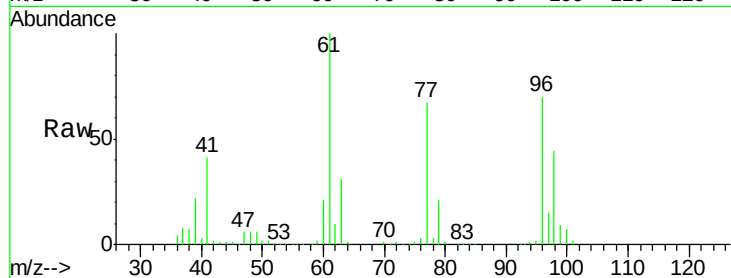
MSVOA_X

ClientSampleId :

VSTDCCC050

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#28

Bromochloromethane

Concen: 48.54 ug/l

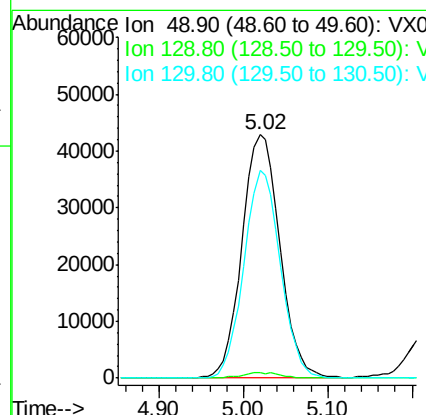
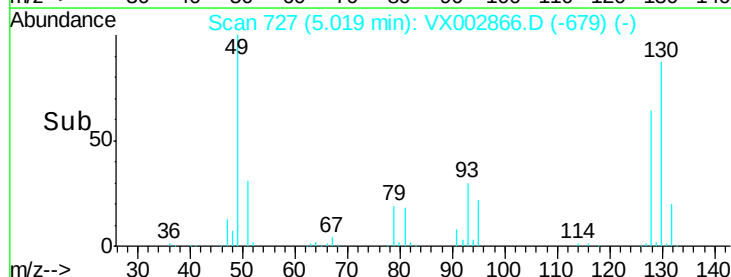
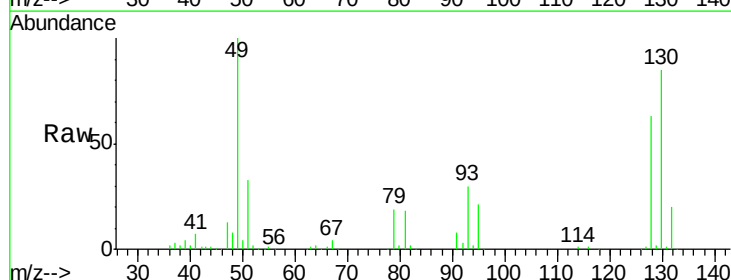
RT: 5.02 min Scan# 727

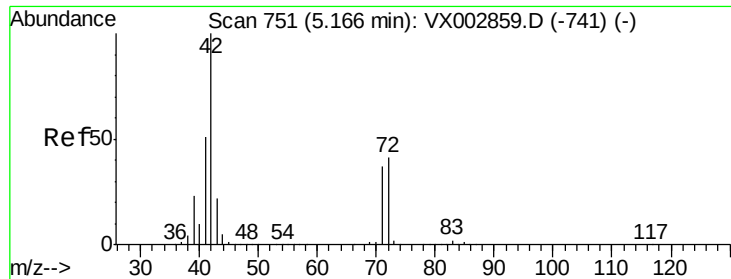
Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	49	Resp:	130699
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	82.2	61.2	91.8





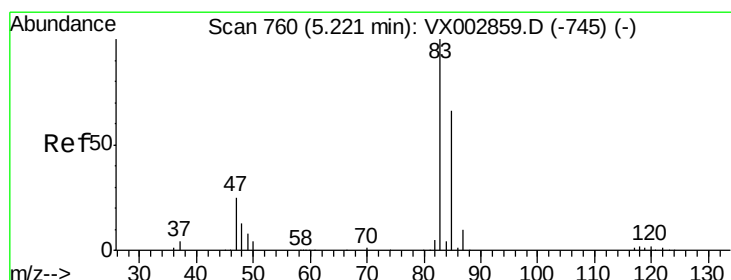
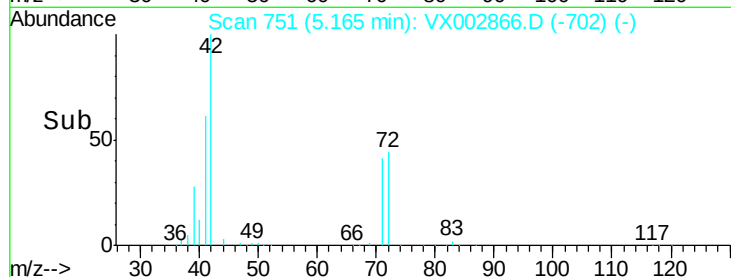
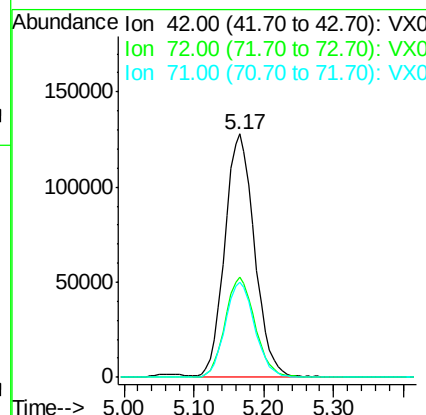
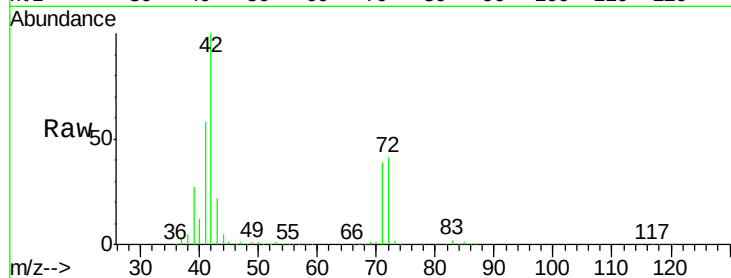
#29
Tetrahydrofuran
Concen: 248.83 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.0	48.0
71	39.0	30.1	45.1

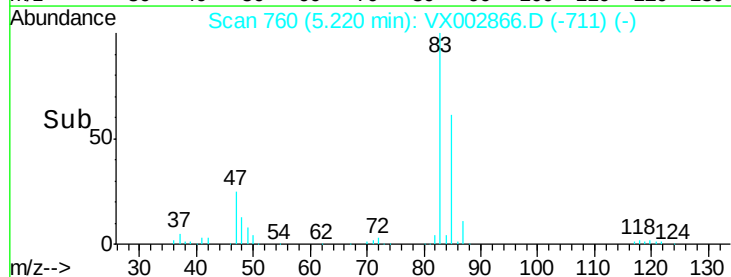
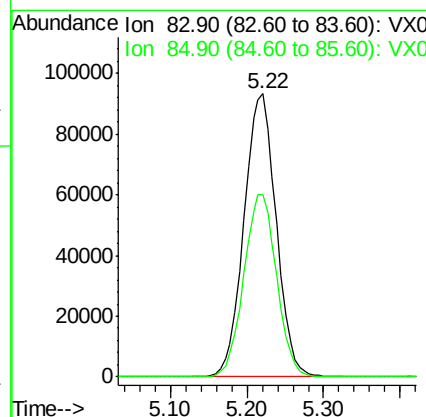
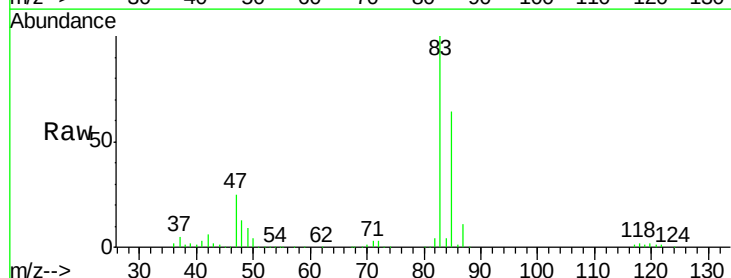
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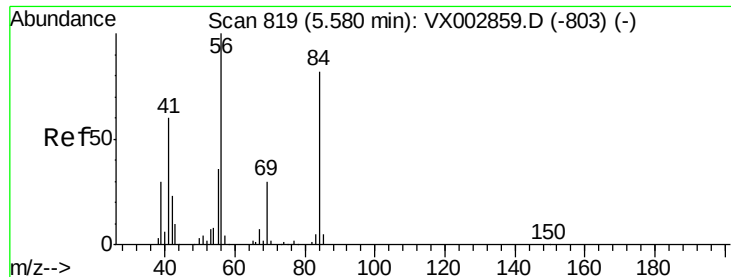
MMDadoda
6/28/2018 2:26:29 PM



#30
Chloroform
Concen: 47.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 47.56 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

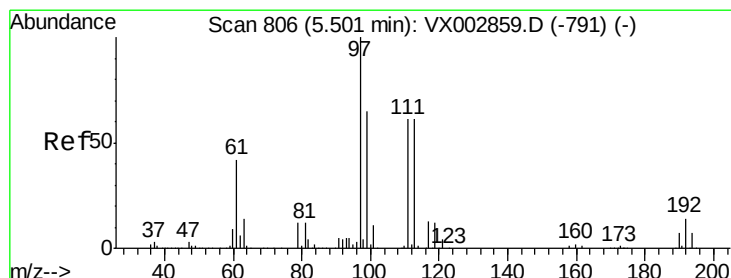
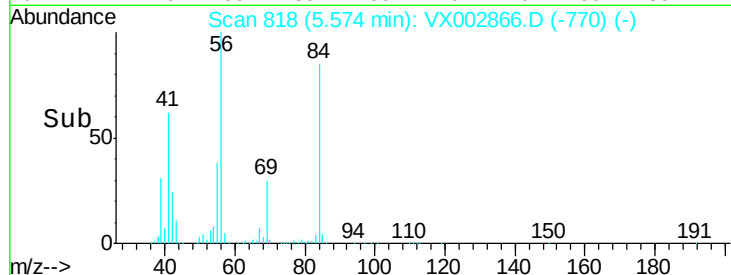
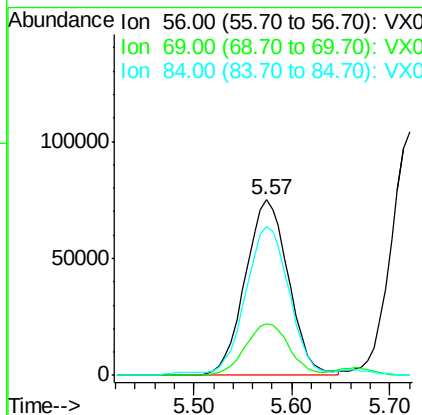
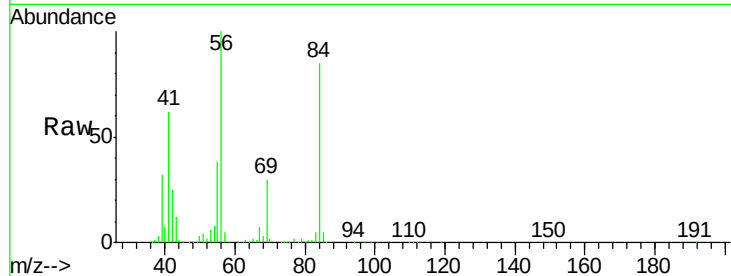
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	229611
Ion Ratio	Lower	Upper	
56	100		
69	29.8	23.7	35.5
84	83.3	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 47.99 ug/l

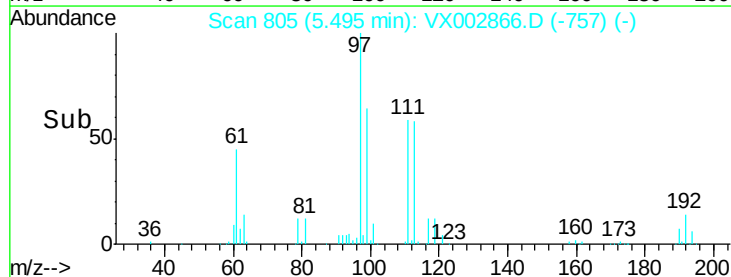
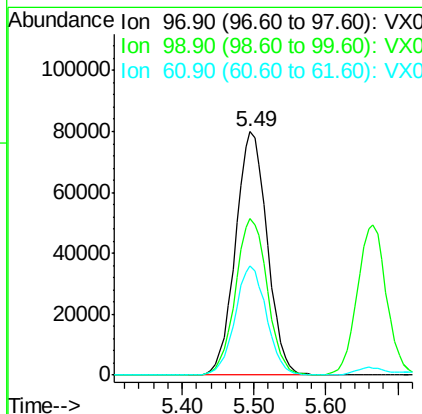
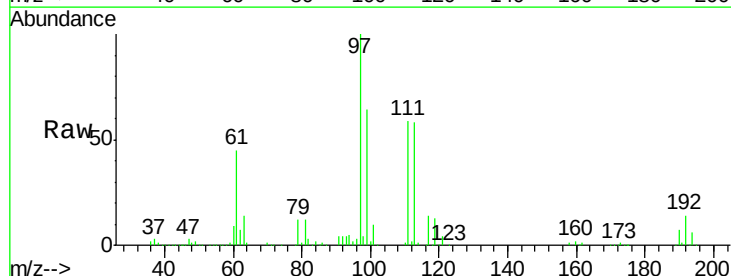
RT: 5.49 min Scan# 805

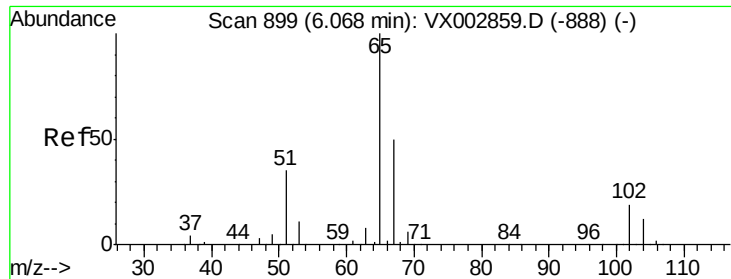
Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	97	Resp:	243755
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	44.5	36.4	54.6





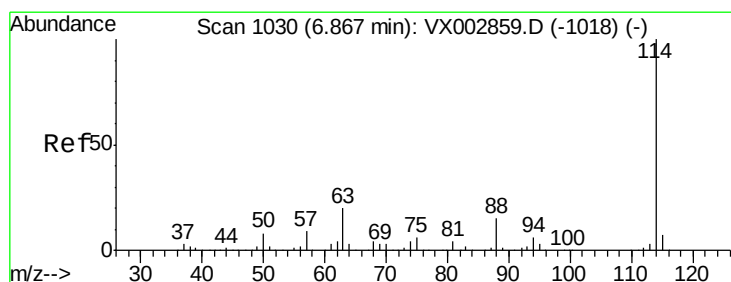
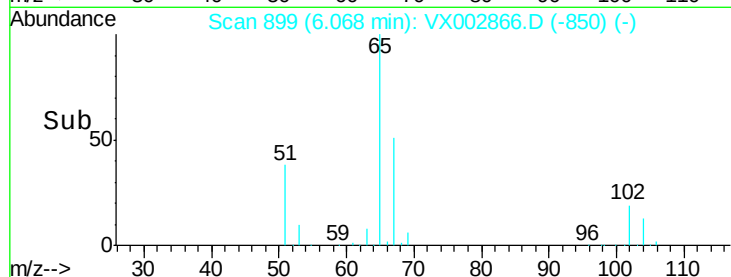
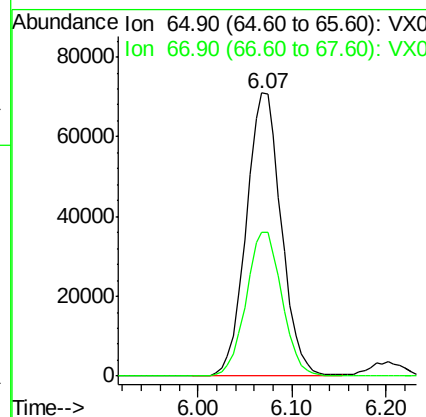
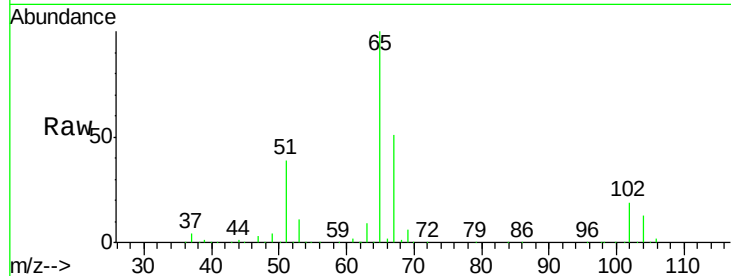
#33
 1,2-Dichloroethane-d4
 Concen: 48.11 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185216		
67	51.9	0.0	102.6	

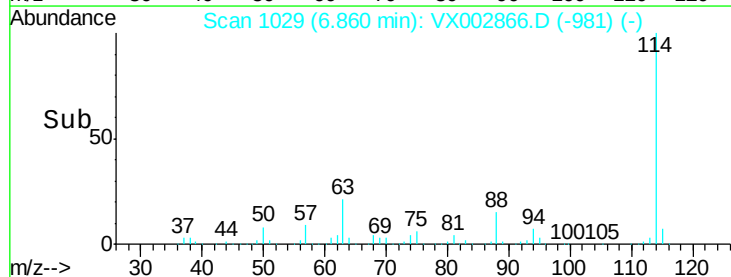
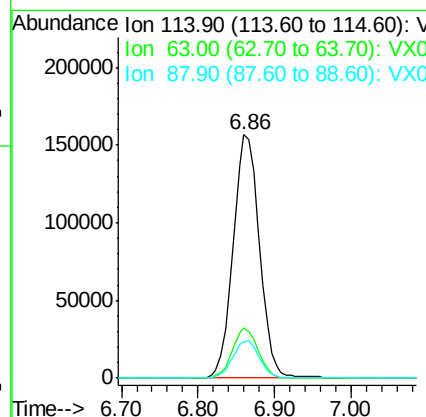
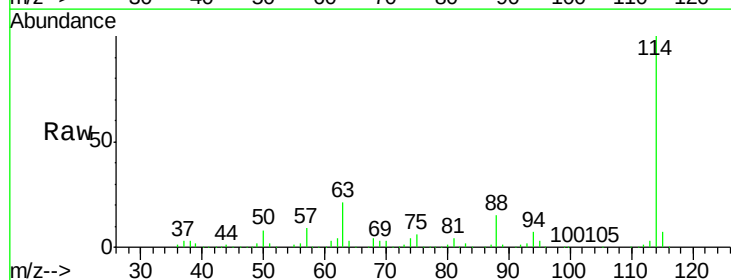
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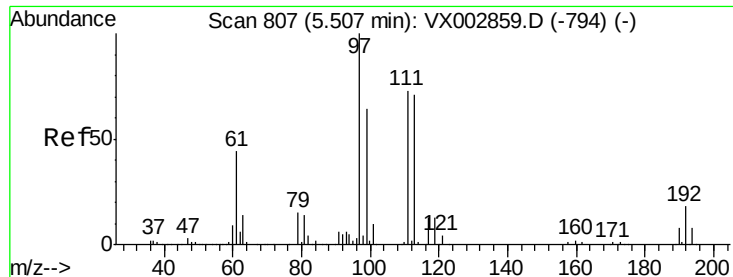
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 6/28/2018 2:26:29 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	374402		
63	20.8	0.0	41.4	
88	14.8	0.0	30.0	





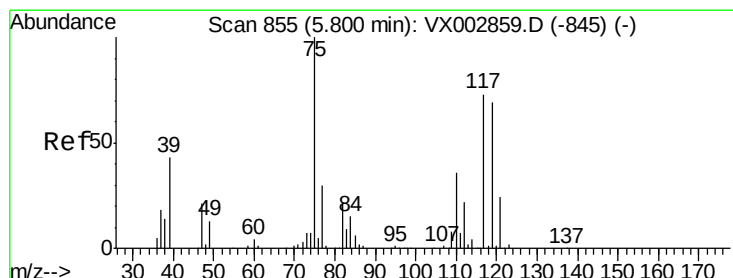
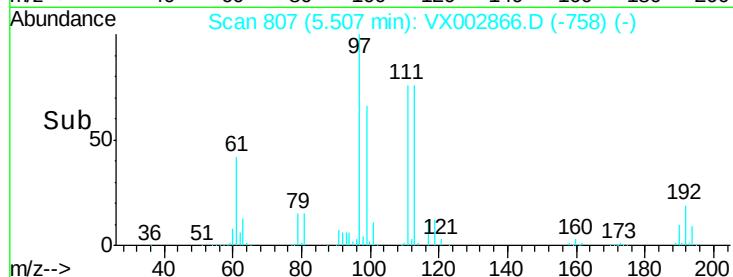
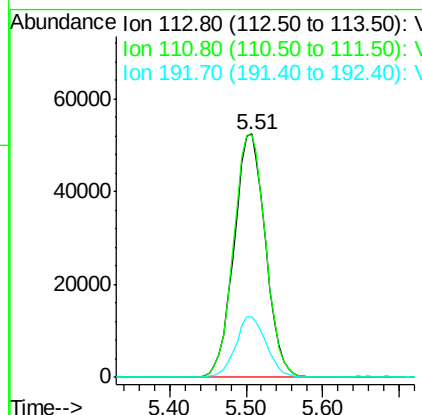
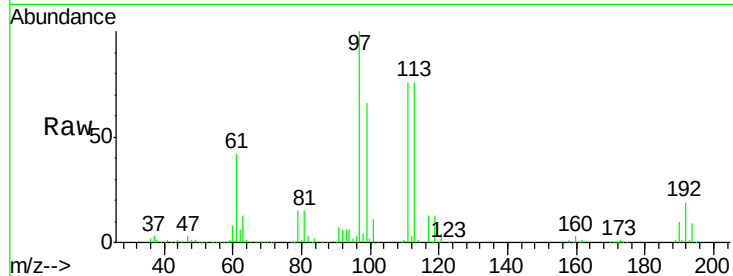
#35
 Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149127		
111	101.4	81.4	122.0	
192	24.2	19.1	28.7	

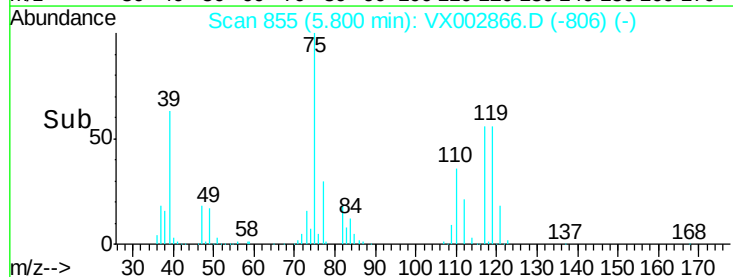
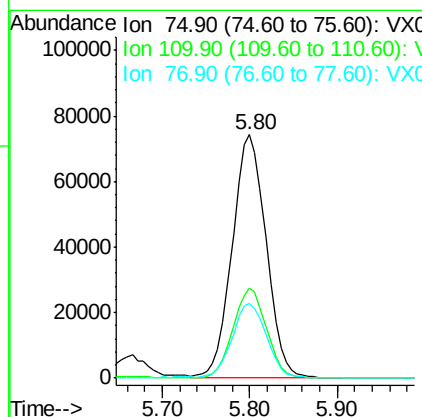
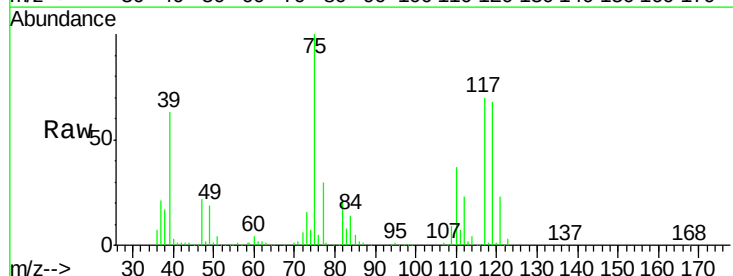
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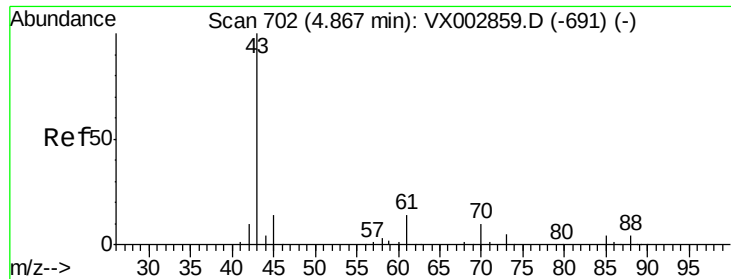
MMDadoda
 6/28/2018 2:26:29 PM



#36
 1,1-Dichloropropene
 Concen: 48.46 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198962		
110	36.6	18.1	54.4	
77	31.6	24.3	36.5	





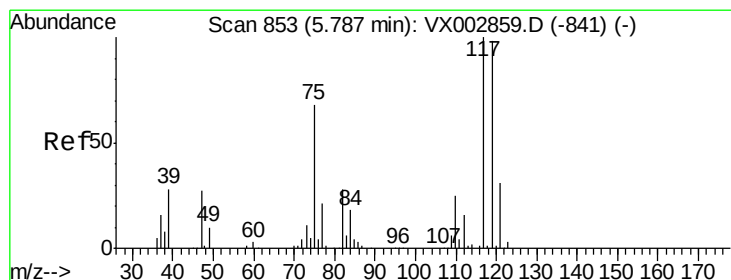
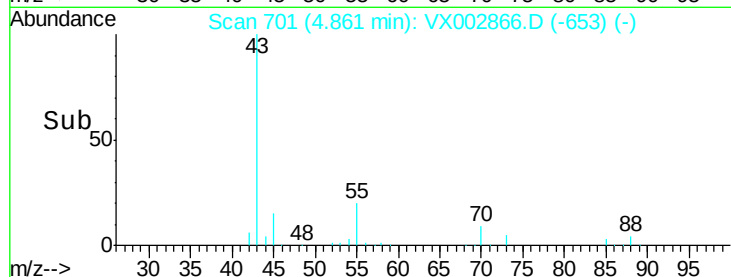
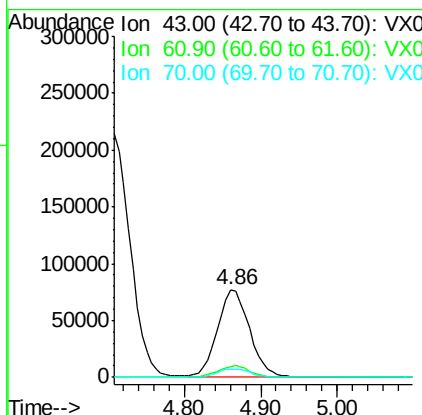
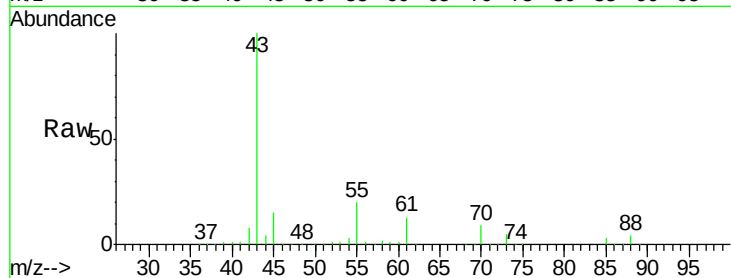
#37
Ethyl Acetate
Concen: 50.50 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.8	7.6	11.4

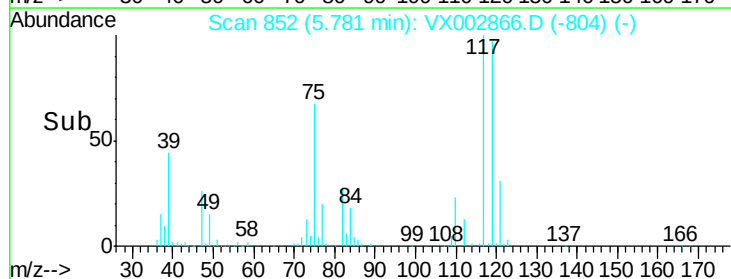
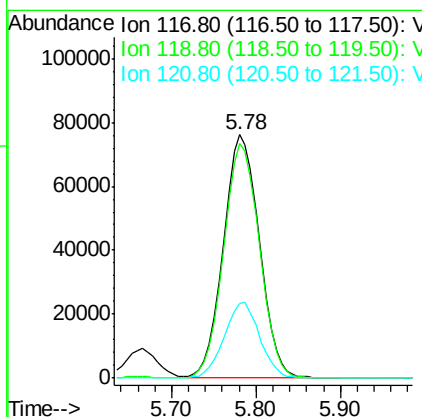
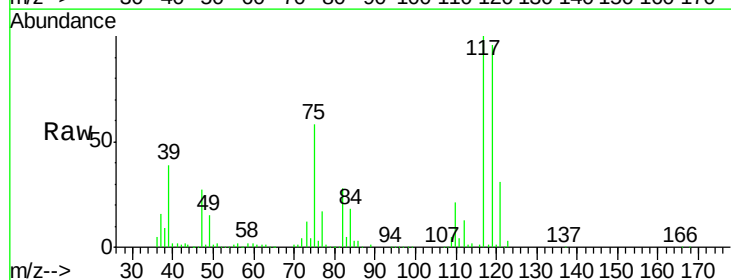
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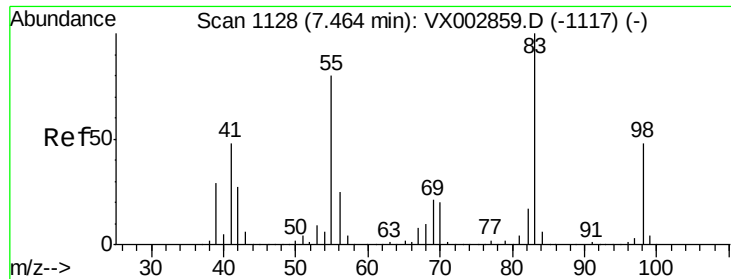
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.11 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
121	30.7	24.4	36.6





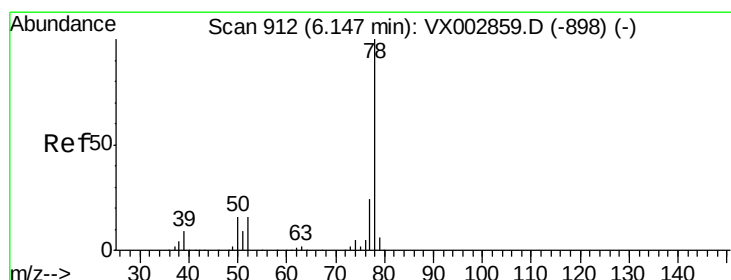
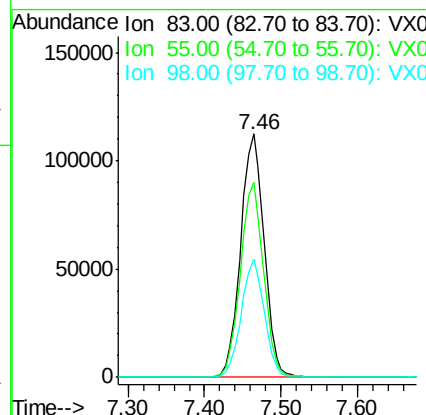
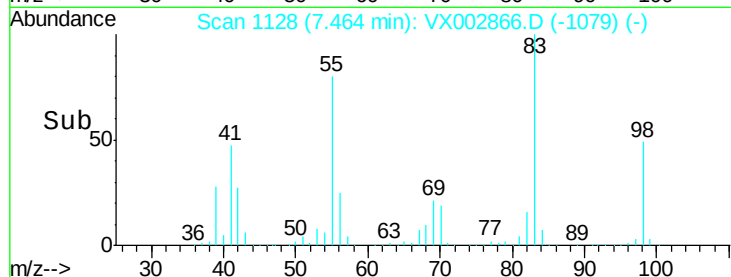
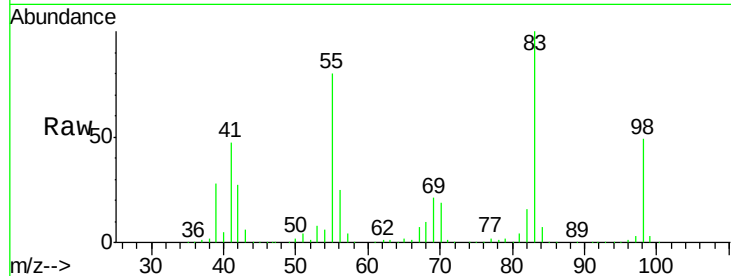
#39
Methylvlcyclohexane
Concen: 50.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	239793		
55	79.8	65.4	98.0	
98	48.6	37.4	56.0	

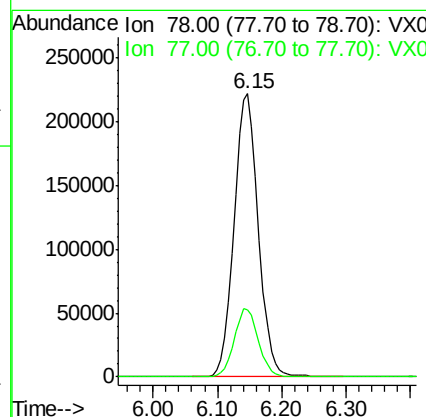
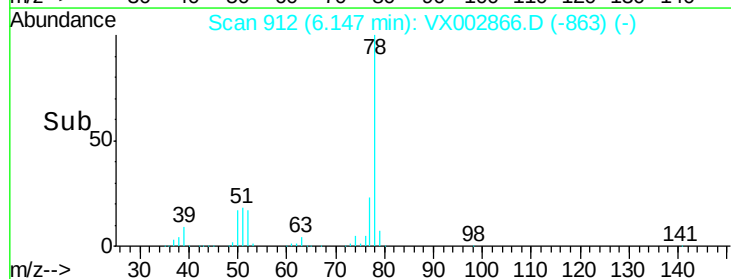
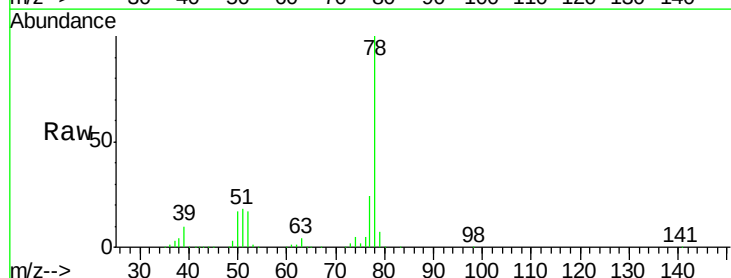
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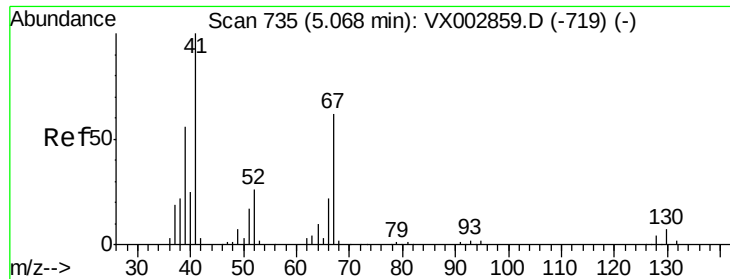
MMDadoda
6/28/2018 2:26:29 PM



#40
Benzene
Concen: 48.90 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	583351		
77	23.8	19.1	28.7	





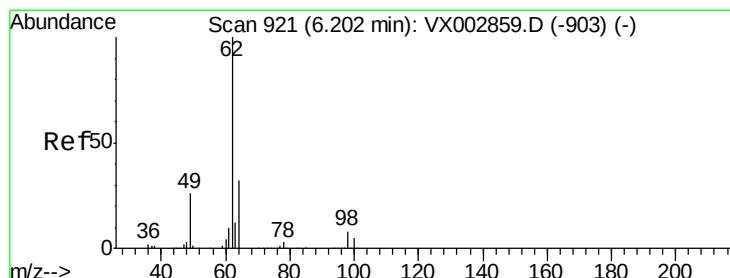
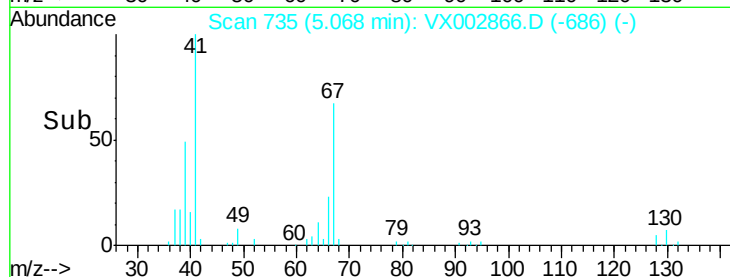
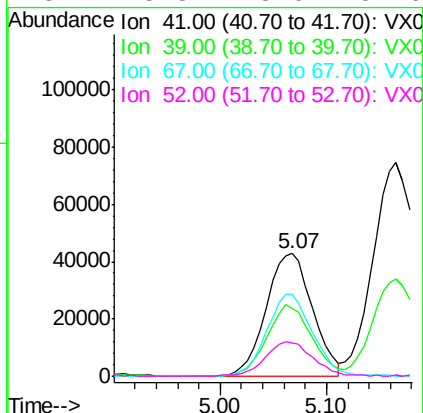
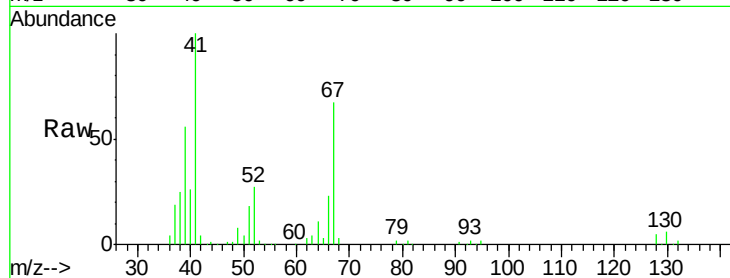
#41
Methacrylonitrile
Concen: 50.46 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	45.8	68.6	
67	66.7	51.3	76.9	
52	28.8	23.0	34.6	

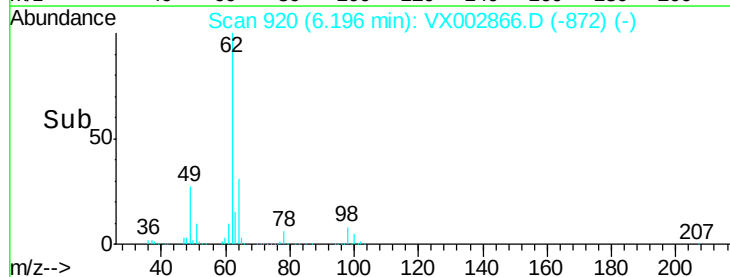
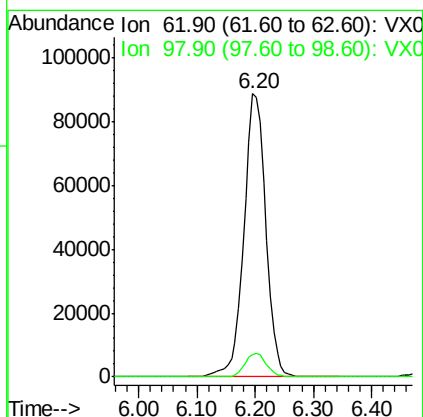
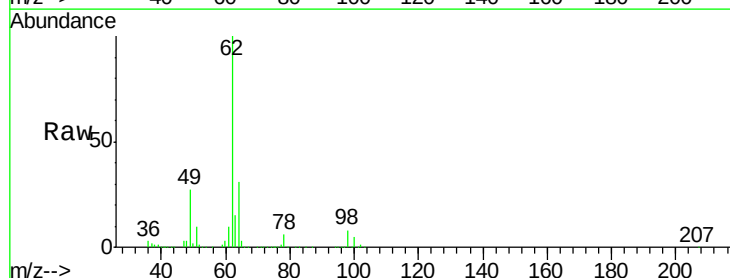
Manual Integrations
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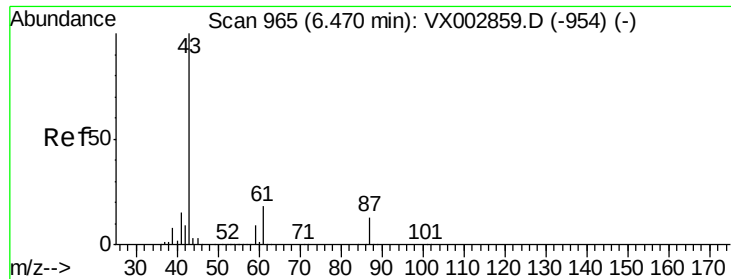
MMDadoda
6/28/2018 2:26:29 PM



#42
1,2-Dichloroethane
Concen: 47.79 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

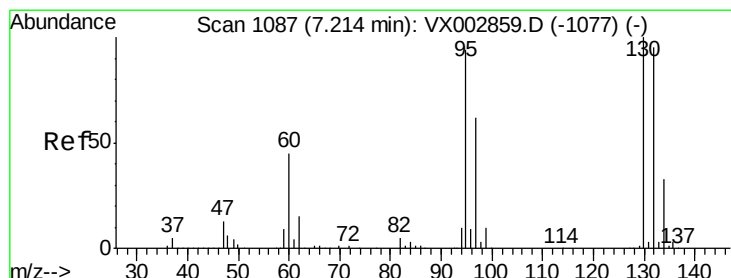
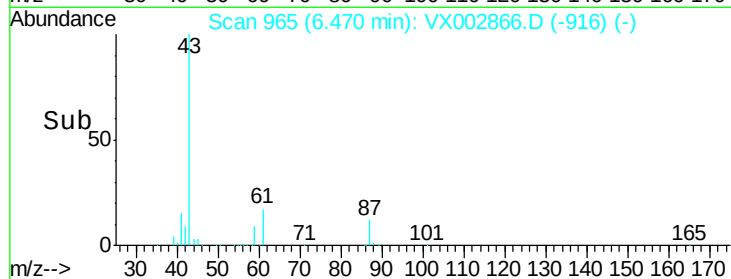
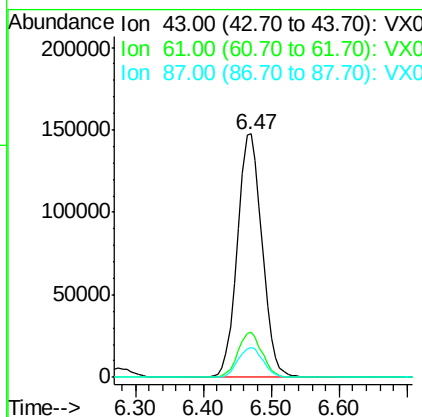
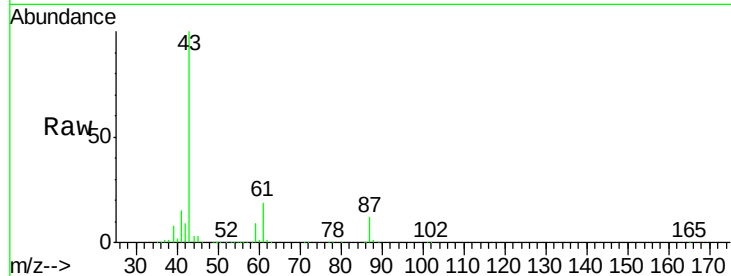
Isopropyl Acetate
 Concen: 49.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	370445
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.5	9.5	14.3

Manual Integrations
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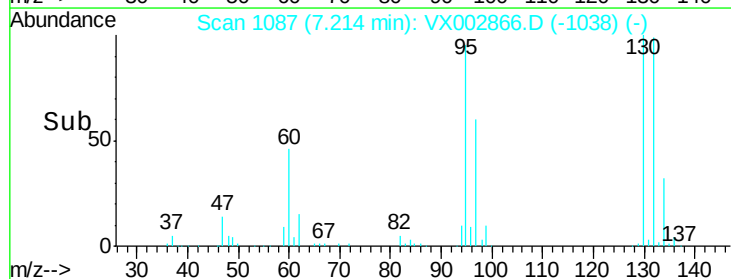
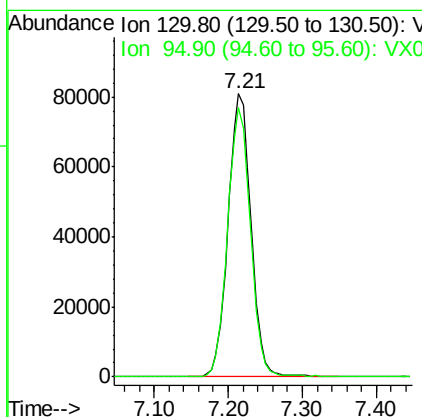
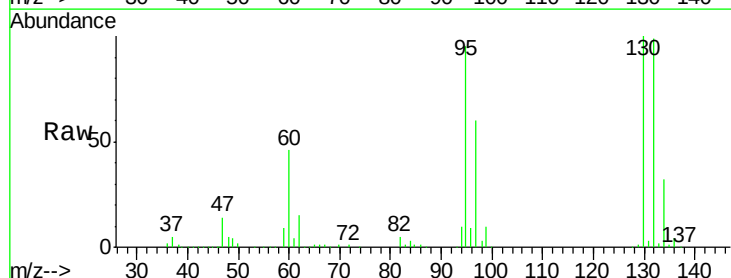
MMDadoda
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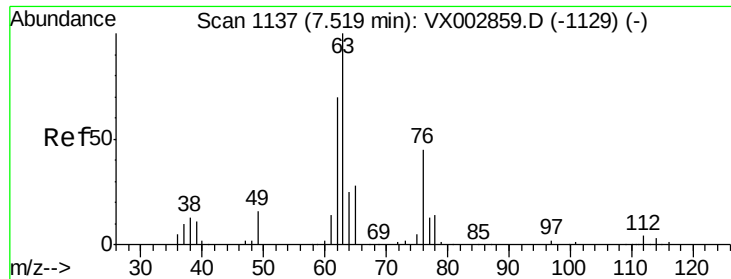


#44

Trichloroethene
 Concen: 49.14 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion:	130	Resp:	174781
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	185.4





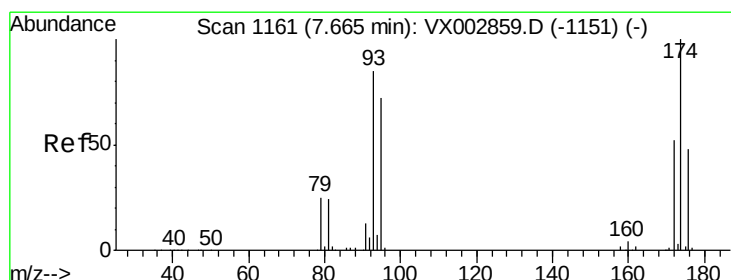
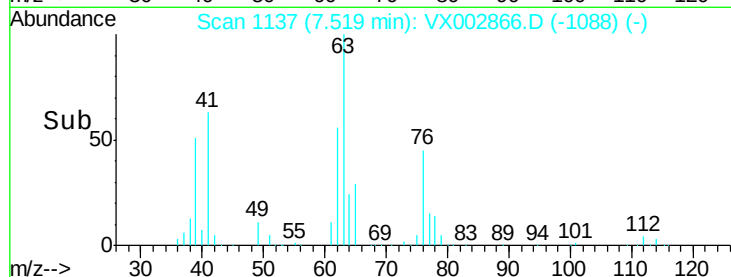
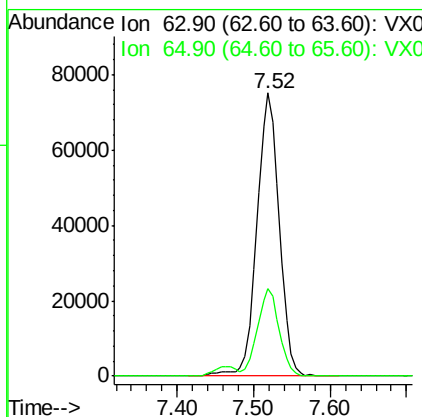
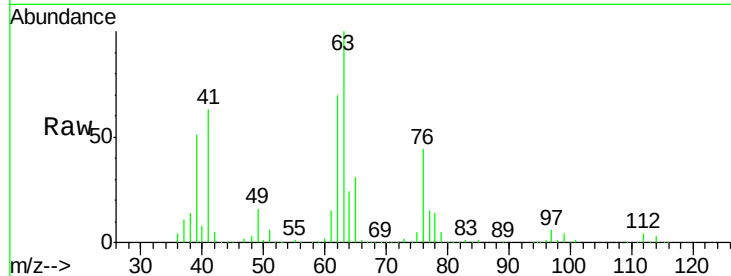
#45
 1,2-Dichloropropane
 Concen: 48.58 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 153728
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

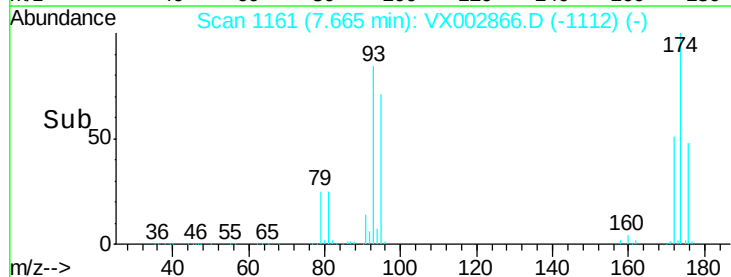
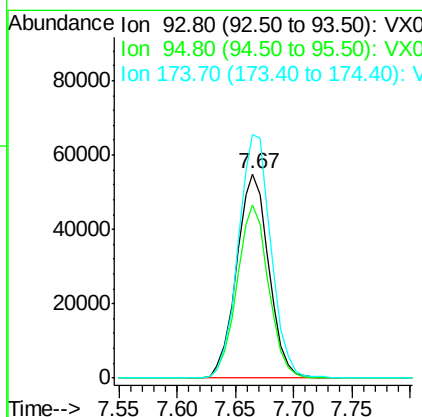
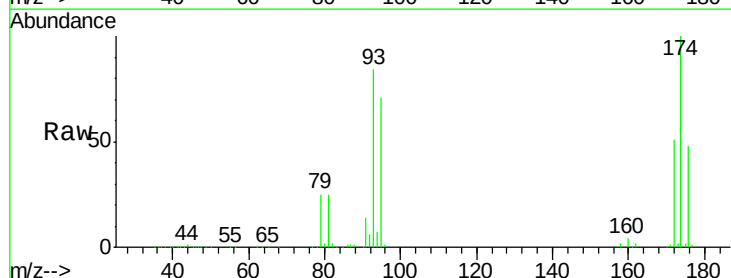
Manual Integrations
 APPROVED

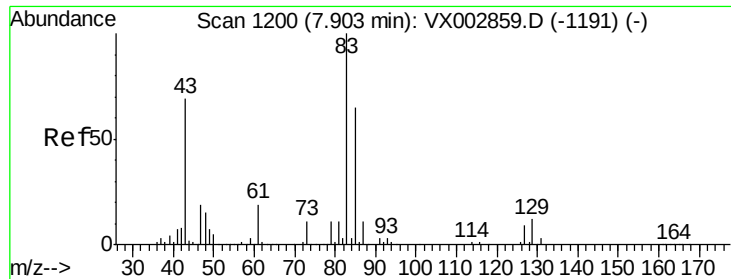
MMDadoda
 6/28/2018 2:26:29 PM



#46
 Dibromomethane
 Concen: 48.19 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion: 93 Resp: 105821
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 121.0 92.4 138.6





#47

Bromodichloromethane

Concen: 50.50 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

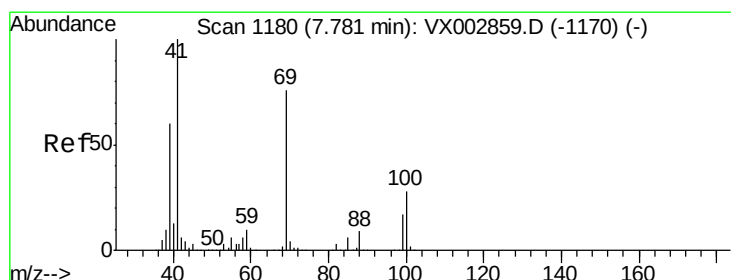
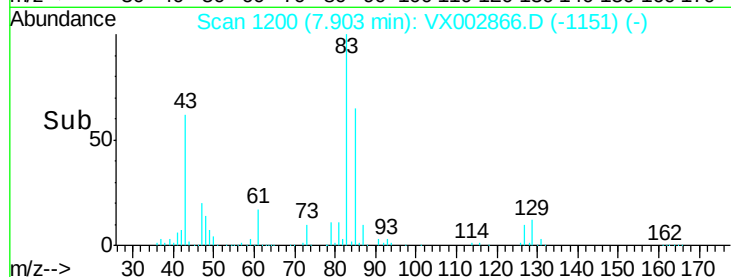
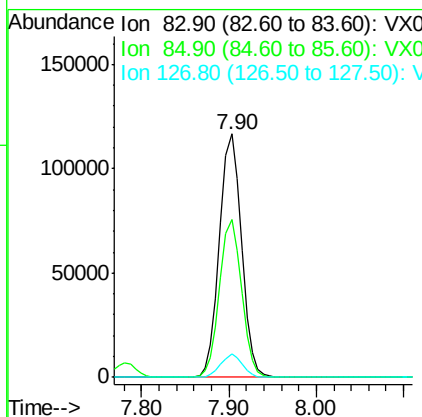
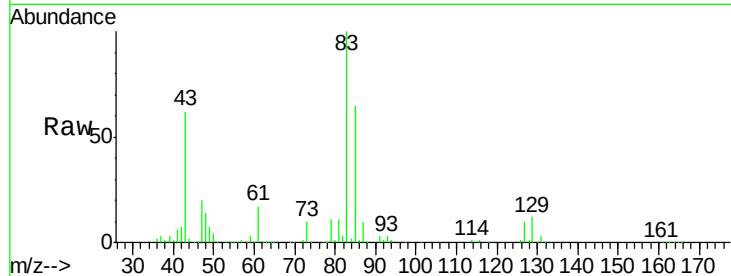
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	205040
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	9.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.22 ug/l

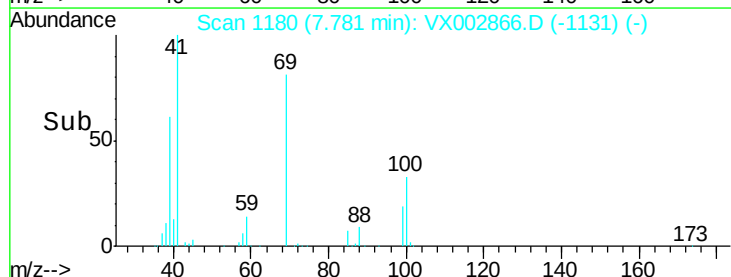
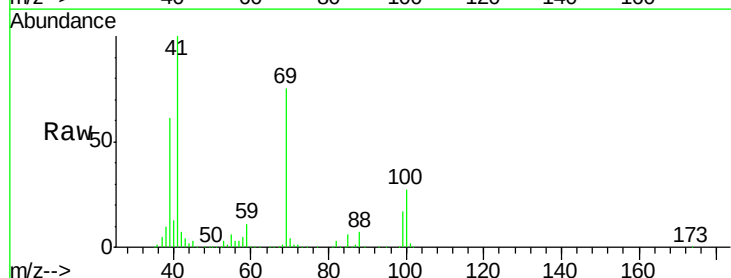
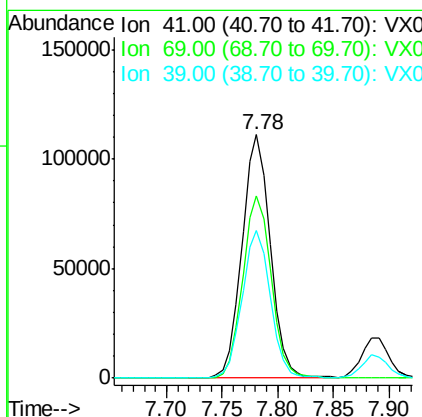
RT: 7.78 min Scan# 1180

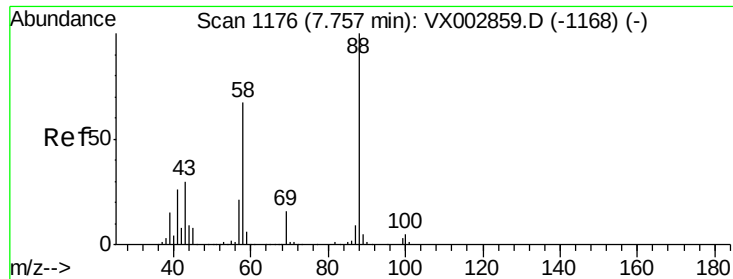
Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	41	Resp:	195671
Ion	Ratio	Lower	Upper
41	100		
69	76.0	59.1	88.7
39	60.4	48.9	73.3





#49

1,4-Dioxane

Concen: 1021.19 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

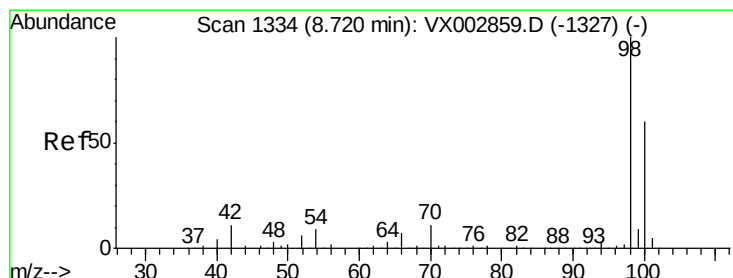
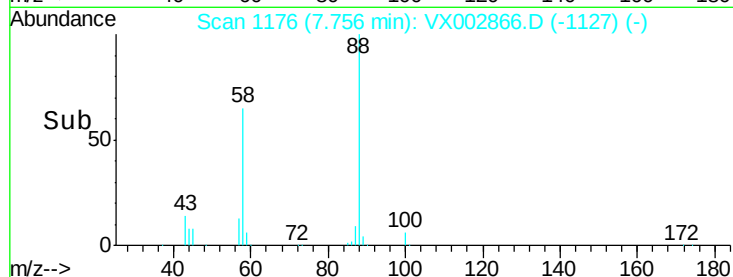
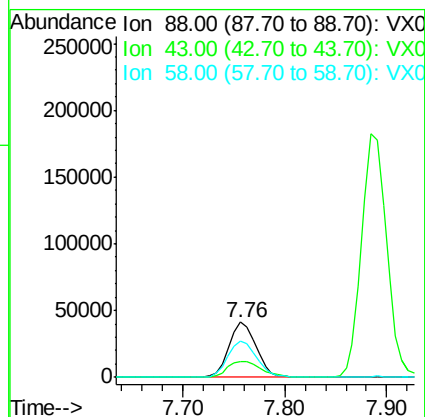
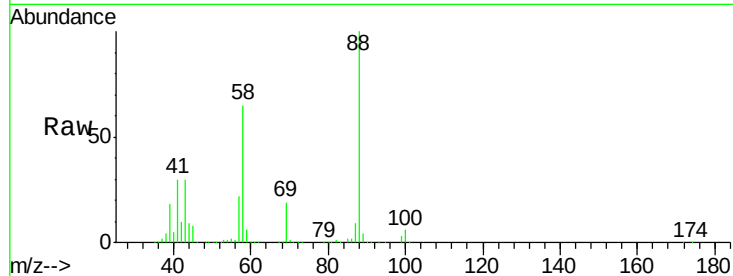
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	75899
Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.8	44.6
58	69.7	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 51.20 ug/l

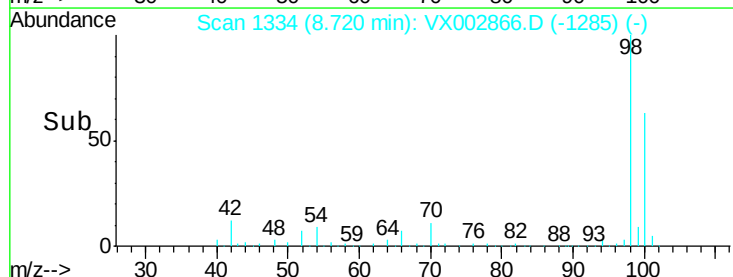
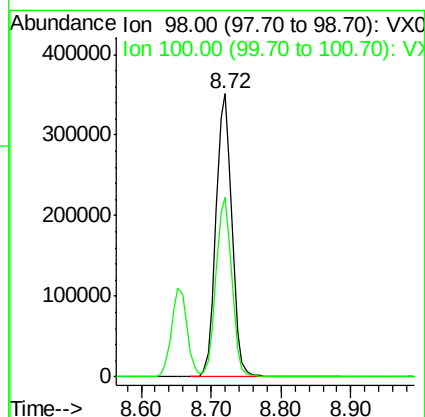
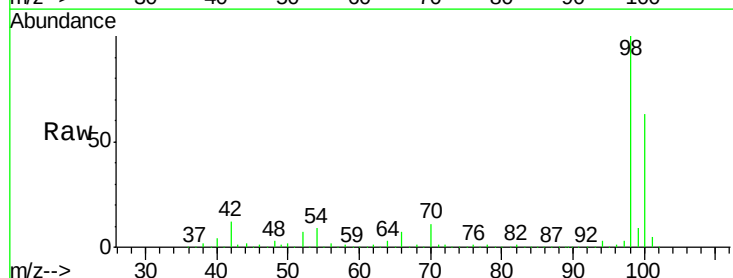
RT: 8.72 min Scan# 1334

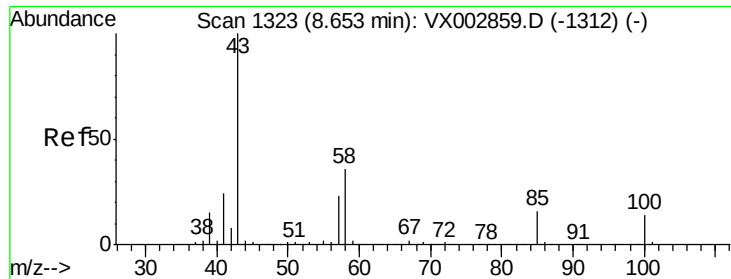
Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	98	Resp:	554368
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 263.33 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1221530

Ion Ratio Lower Upper

43 100

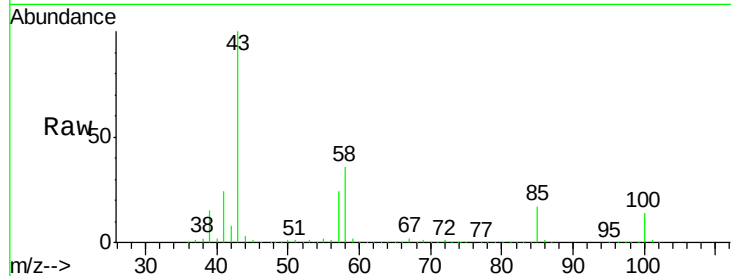
58 36.0 28.6 42.8

Manual Integrations

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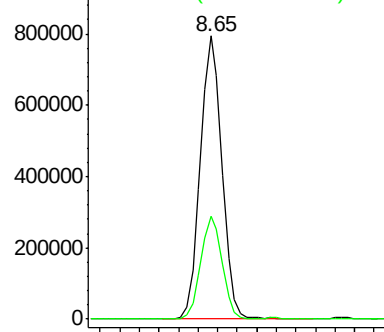
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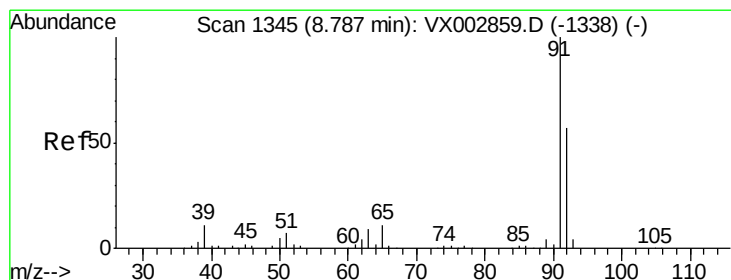
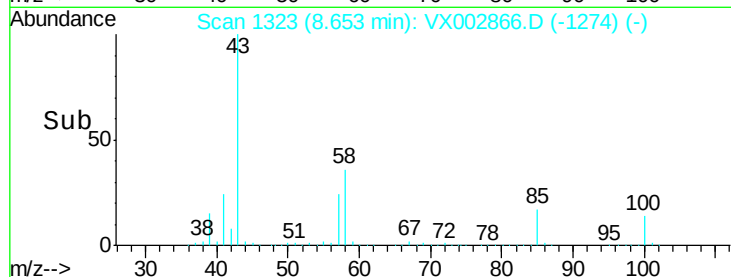


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 50.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002866.D

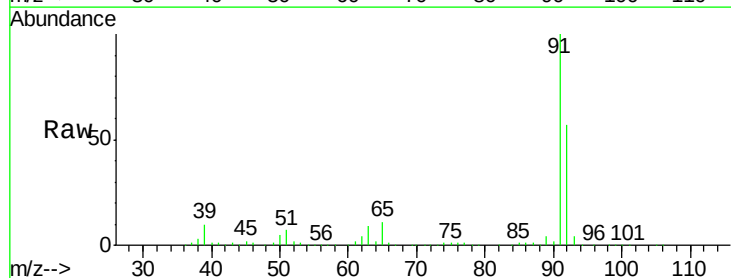
Acq: 25 Jun 2018 18:26

Tgt Ion: 92 Resp: 382854

Ion Ratio Lower Upper

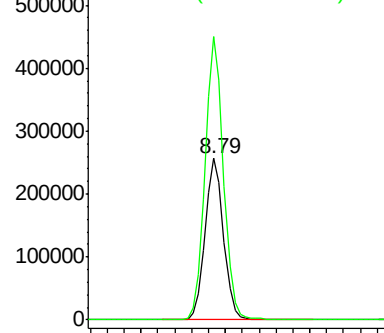
92 100

91 174.4 140.4 210.6

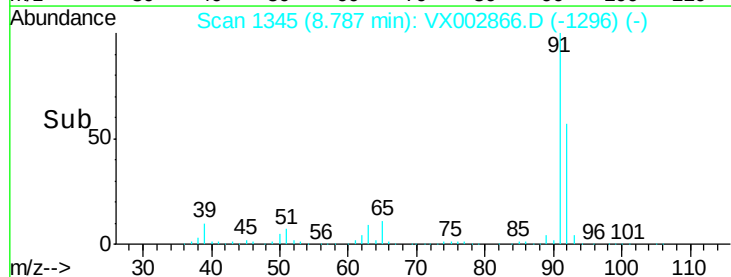


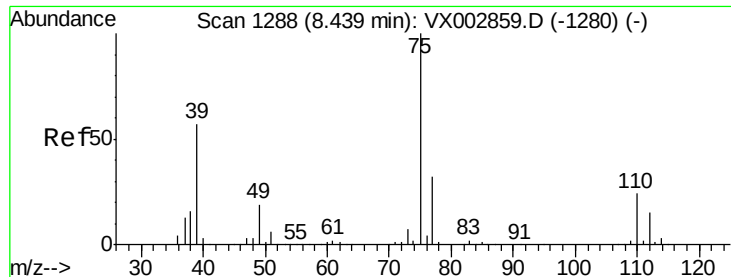
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





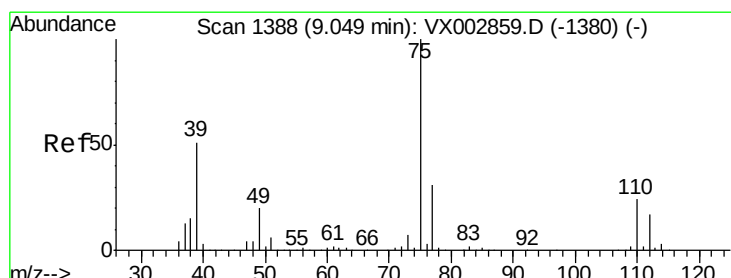
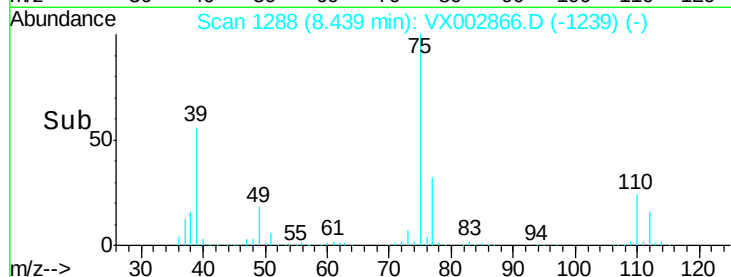
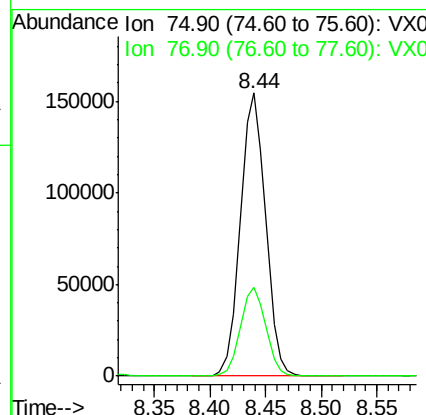
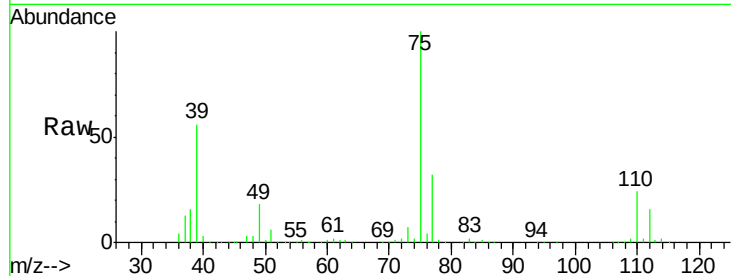
#53
t-1,3-Dichloropropene
Concen: 52.57 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 241708
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

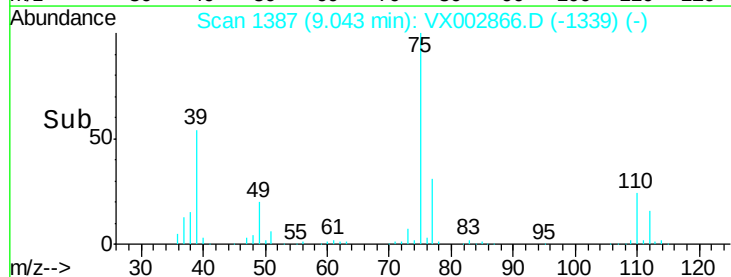
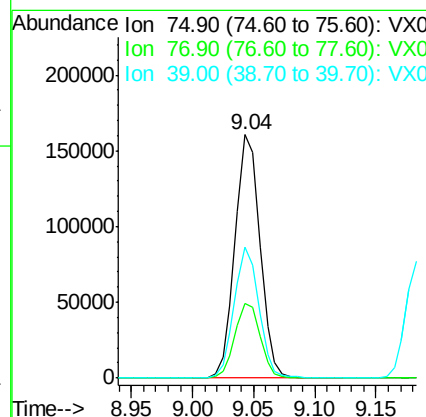
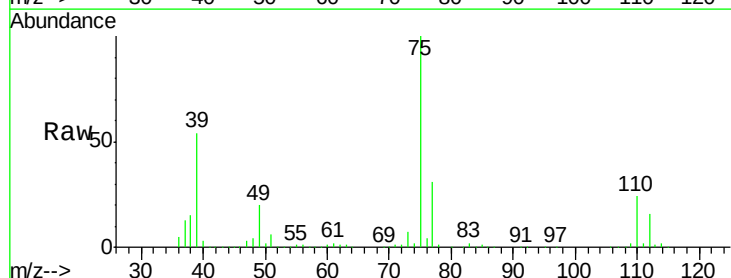
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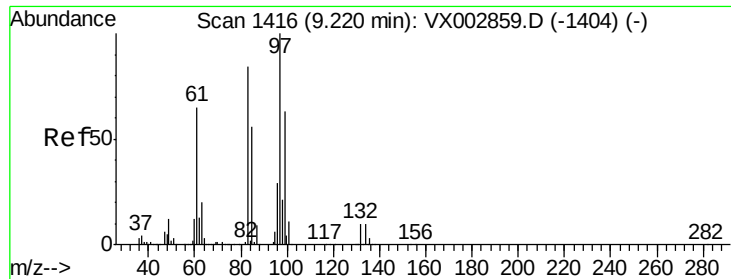
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#54
cis-1,3-Dichloropropene
Concen: 51.31 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 75 Resp: 227003
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 53.6 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 49.69 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

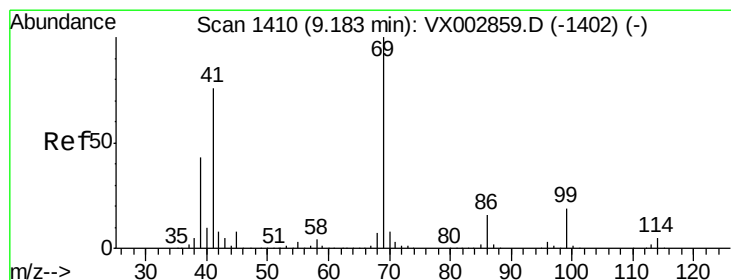
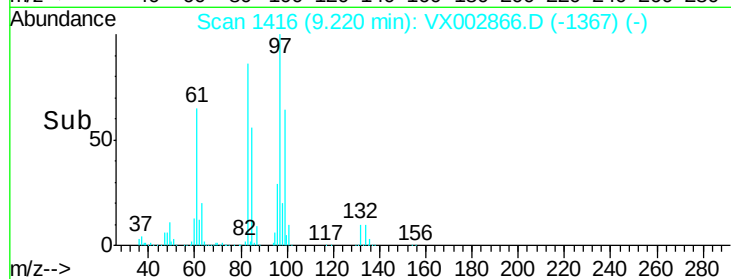
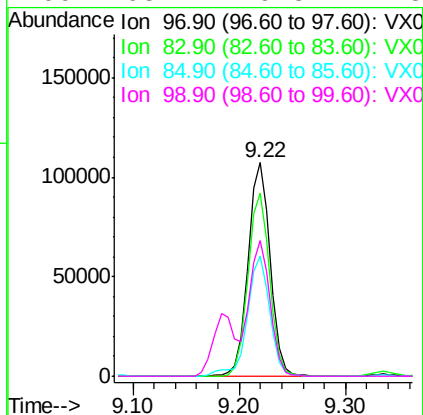
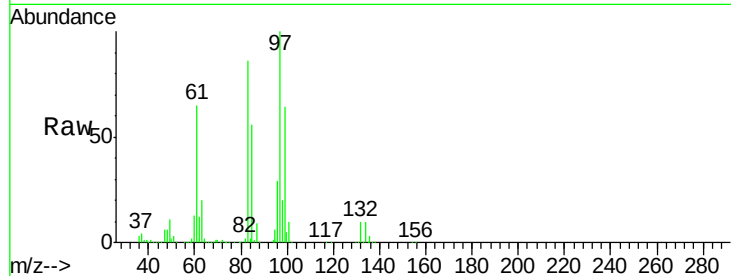
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	156043
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.2
85	56.1	44.9	67.3
99	63.7	49.8	74.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.34 ug/l

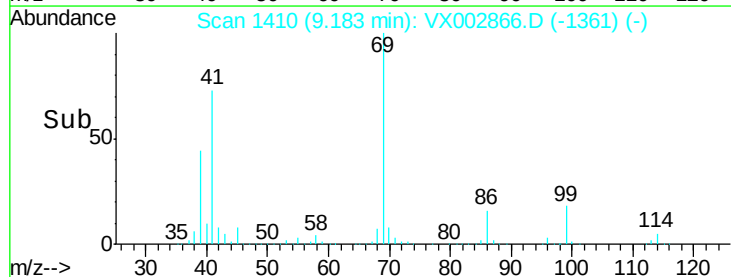
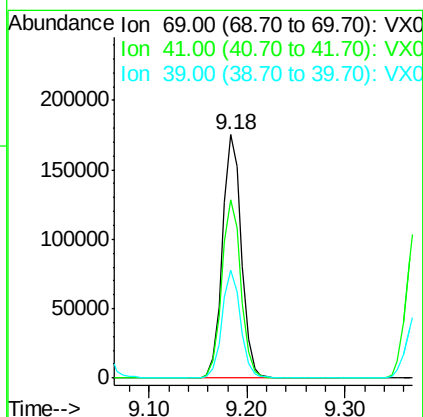
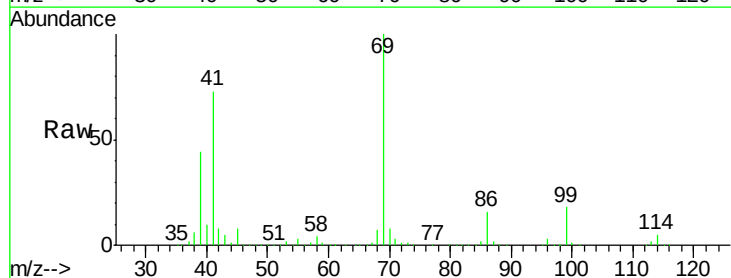
RT: 9.18 min Scan# 1410

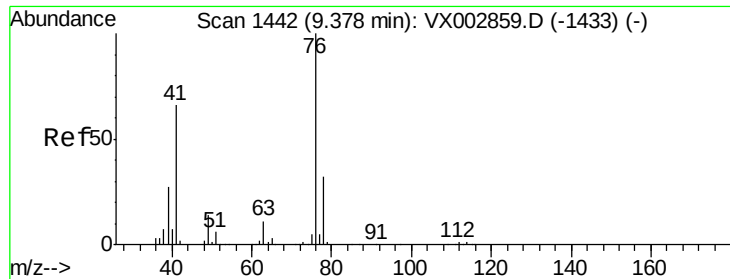
Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	69	Resp:	235642
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.3	35.8	53.8





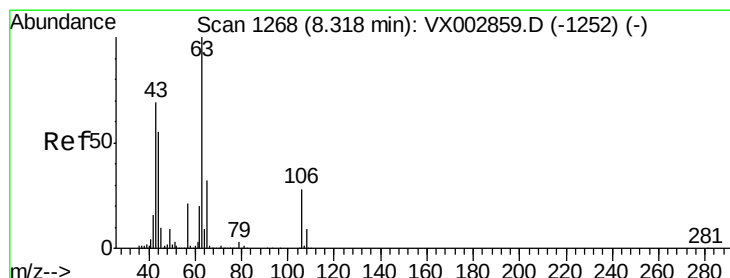
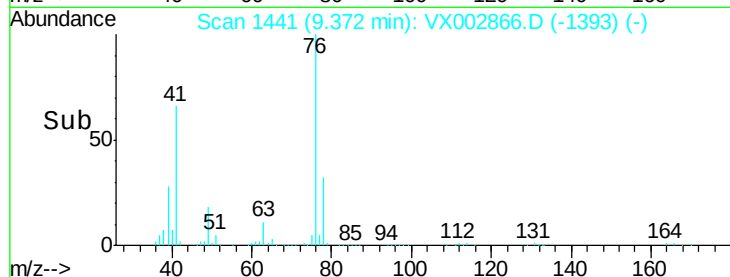
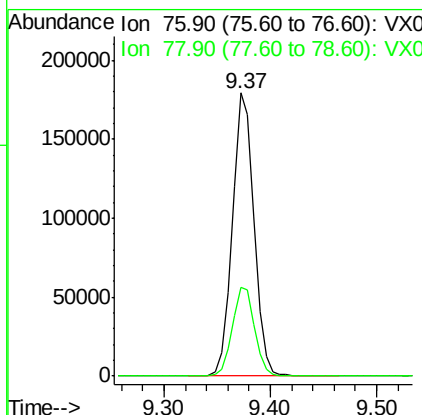
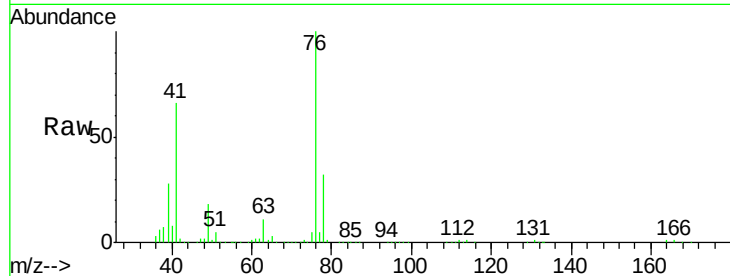
#57
 1,3-Dichloropropane
 Concen: 49.56 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

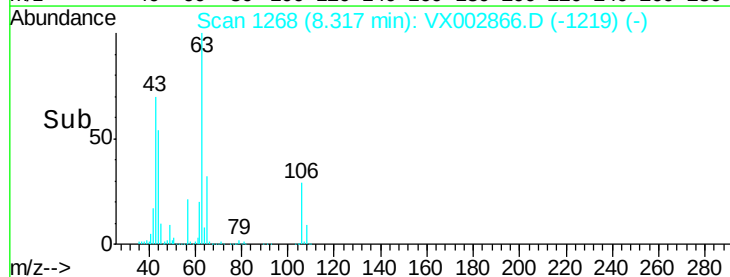
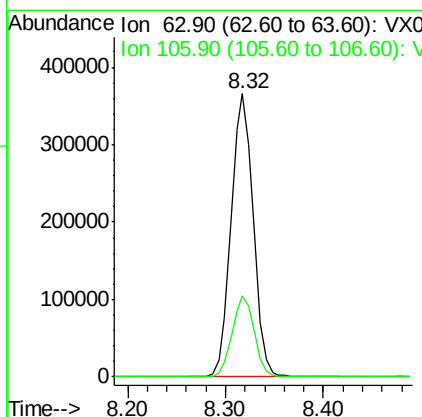
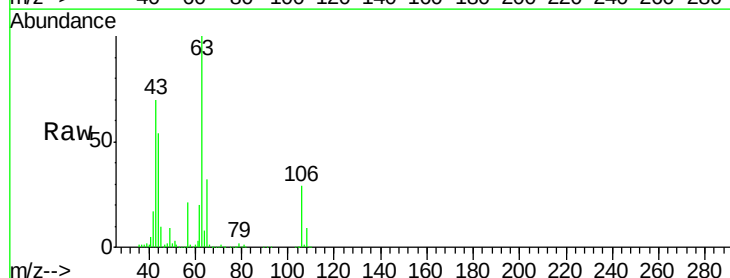
Manual Integrations
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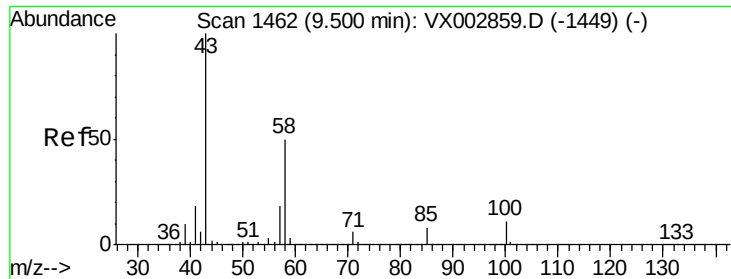
MMDadoda
 6/28/2018 2:26:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.56 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.8	32.8





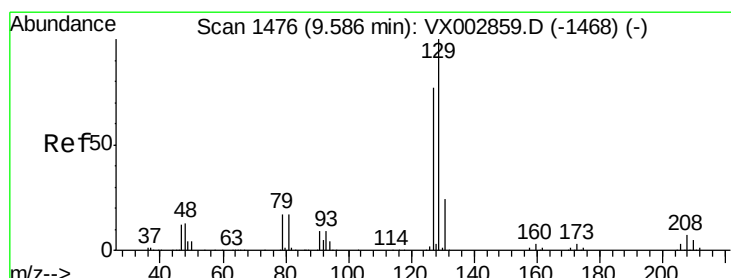
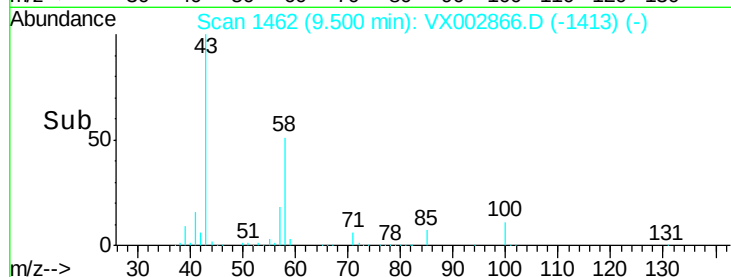
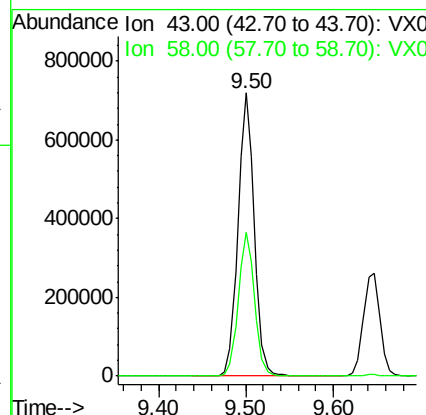
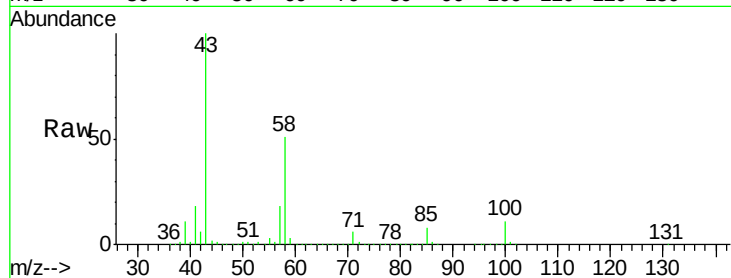
#59
2-Hexanone
Concen: 266.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	937831
Ion Ratio	100	Lower	Upper
58	50.8	24.6	73.6

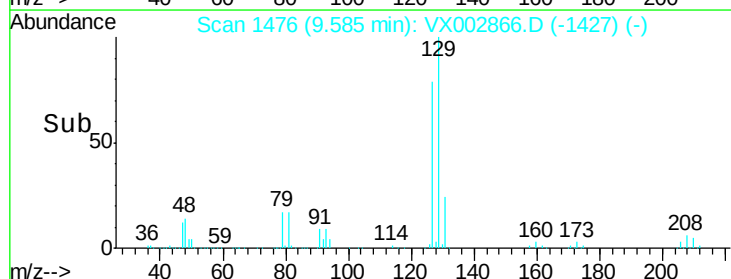
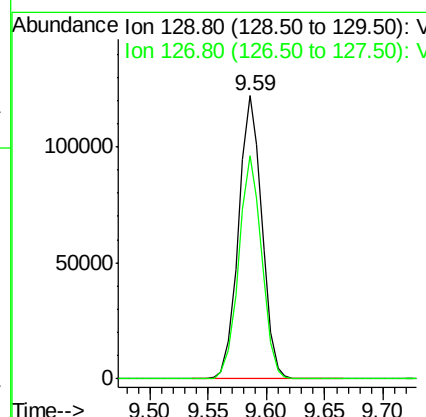
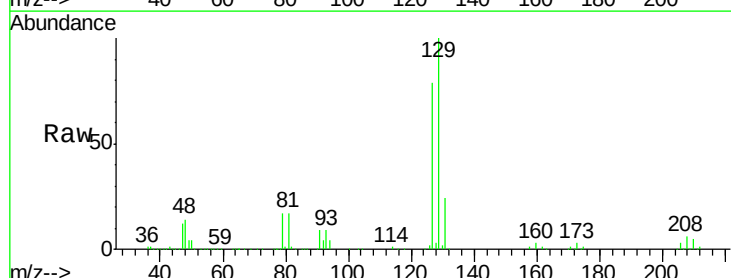
Manual Integrations
APPROVED

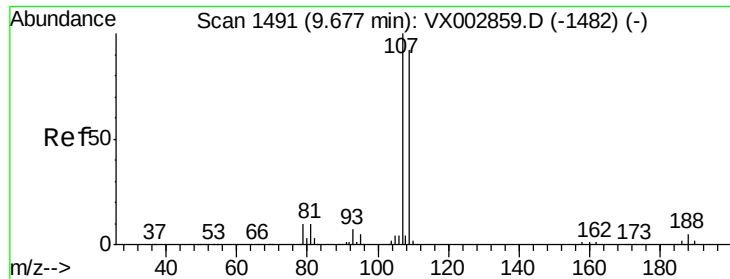
MMDadoda
6/28/2018 2:26:29 PM



#60
Dibromochloromethane
Concen: 51.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	129	Resp	170634
Ion Ratio	100	Lower	Upper
127	77.8	38.5	115.3





#61

1,2-Dibromoethane

Concen: 50.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 166723

Ion Ratio Lower Upper

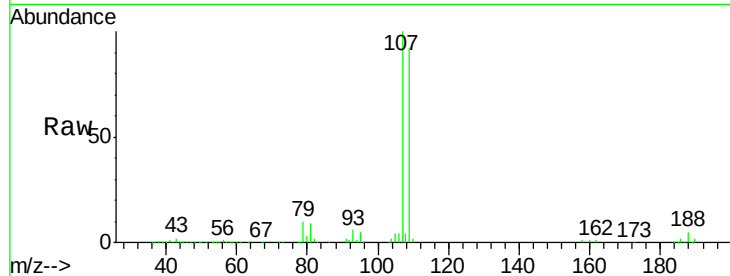
107 100

109 94.3 75.3 112.9

Manual Integrations
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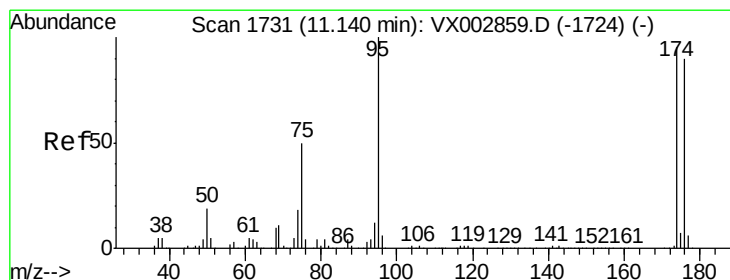
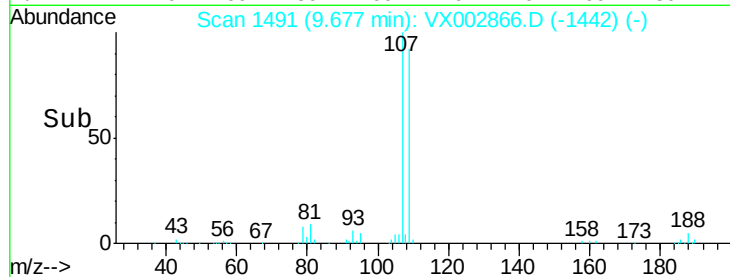
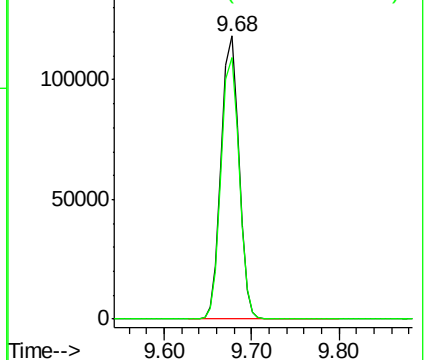
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

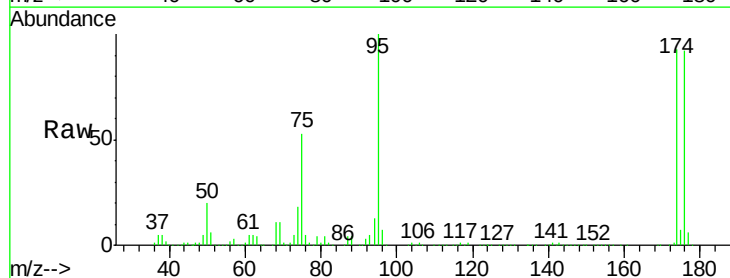
Tgt Ion: 95 Resp: 216548

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

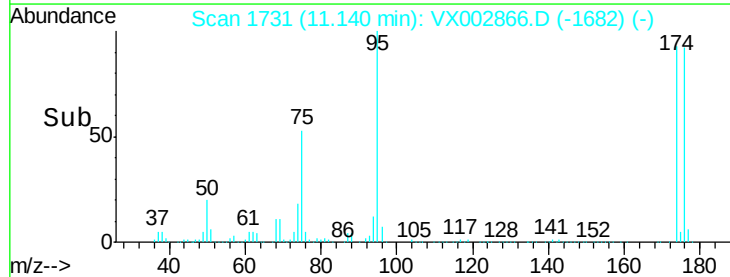
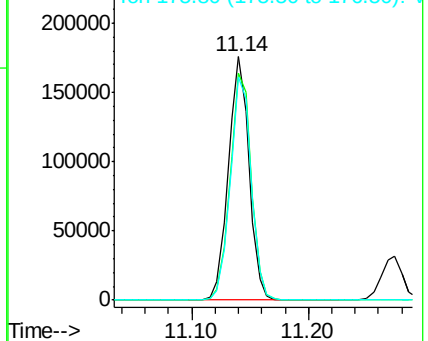
176 93.2 0.0 181.0

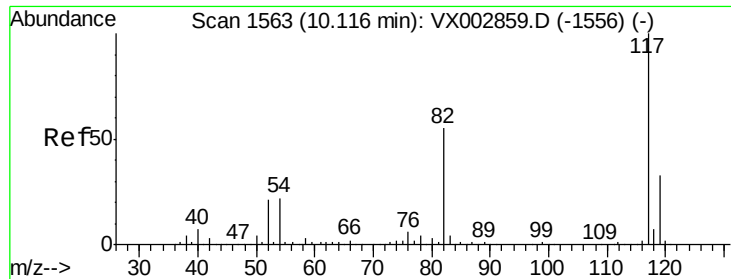


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





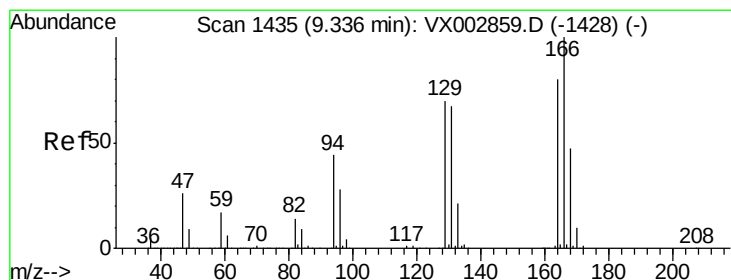
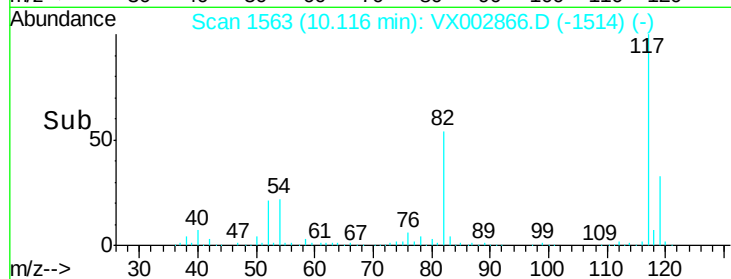
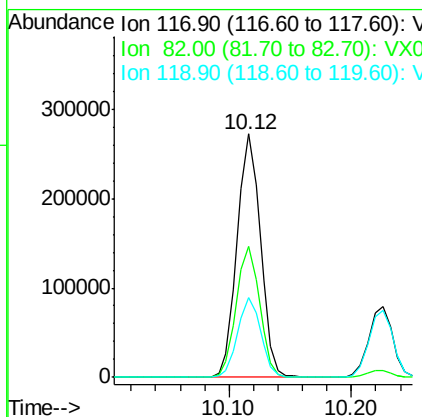
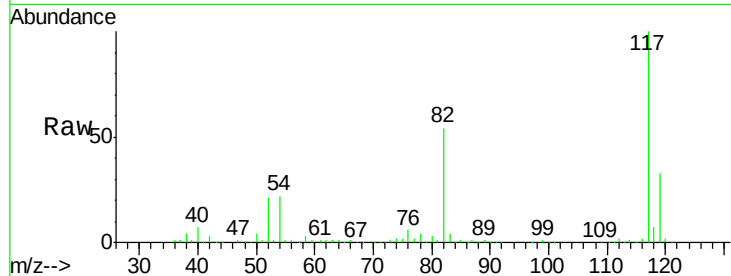
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.6	25.8	38.6

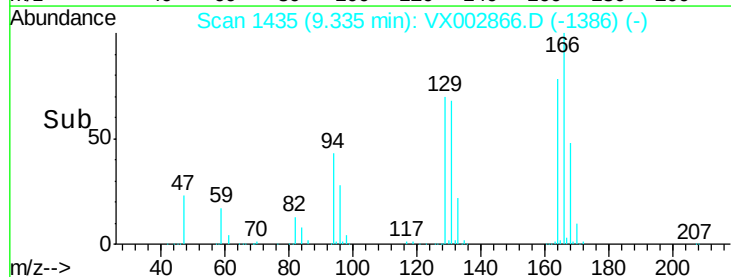
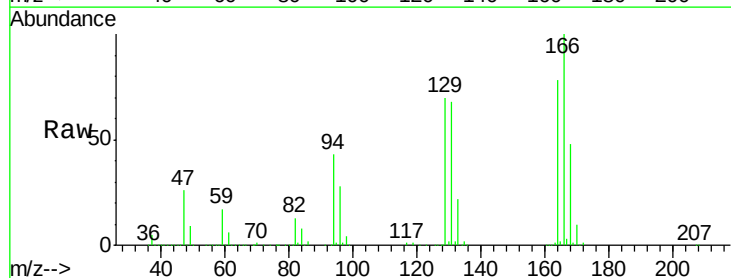
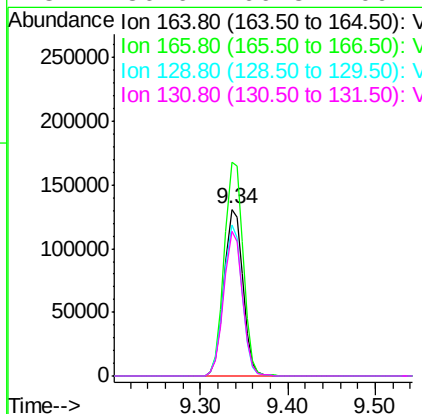
Manual Integrations
APPROVED

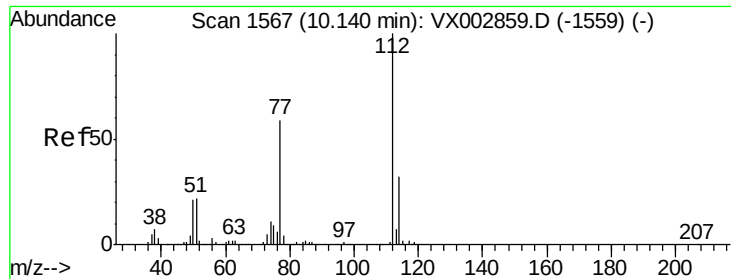
MMDadoda
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#64
Tetrachloroethene
Concen: 48.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.9	154.3
129	90.1	68.6	102.8
131	86.6	66.8	100.2





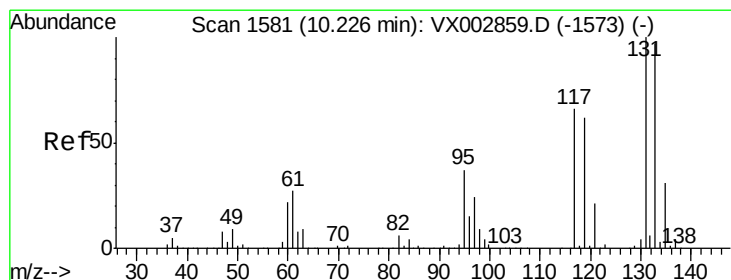
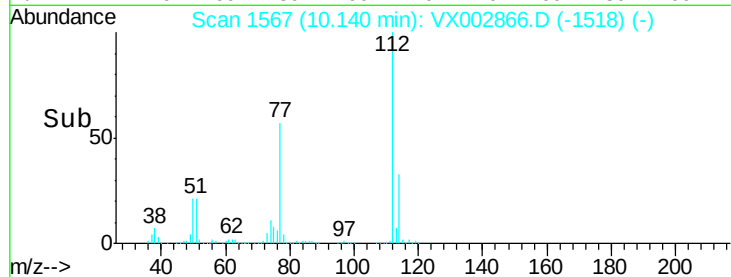
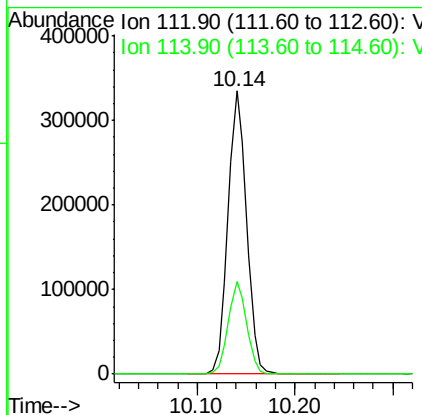
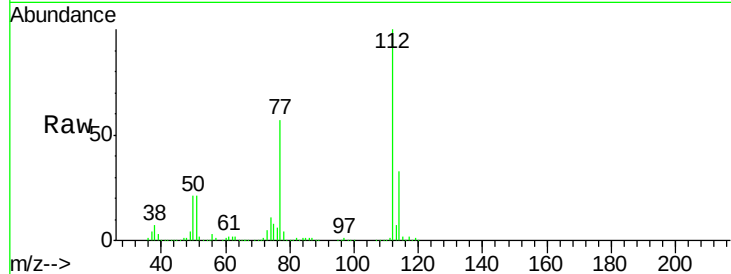
#65
Chlorobenzene
Concen: 48.53 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.3	37.9

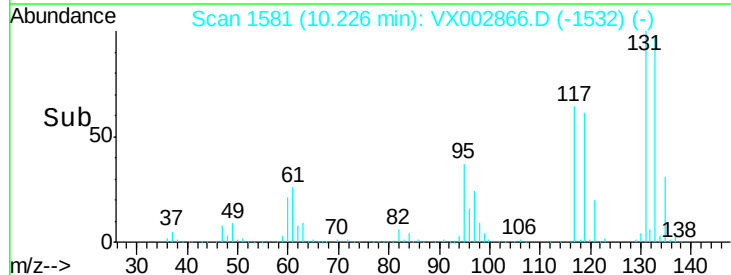
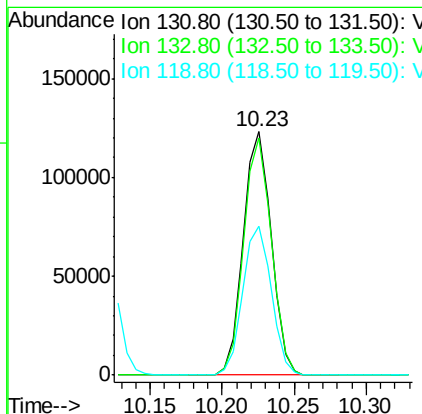
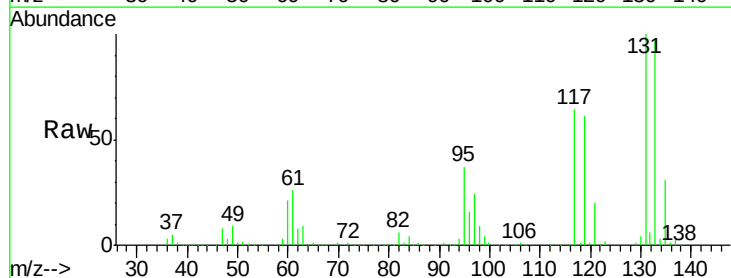
Manual Integrations
APPROVED

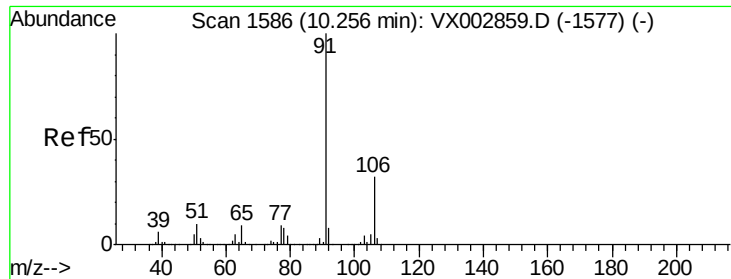
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.93 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.9	143.6
119	62.5	31.8	95.3





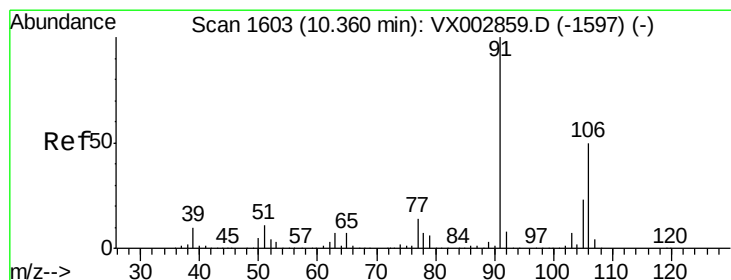
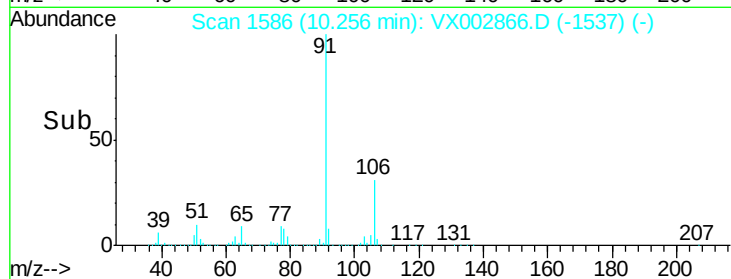
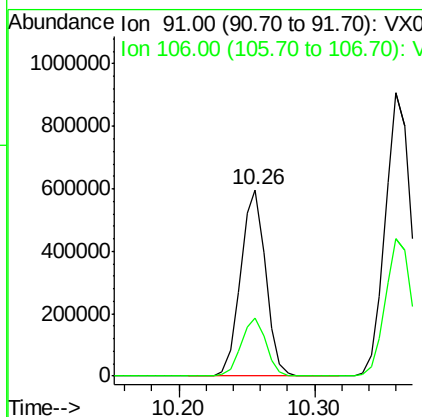
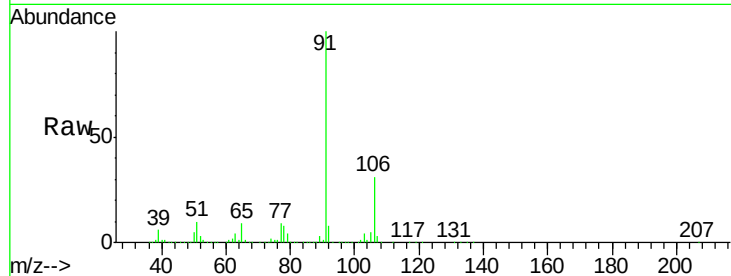
#67
Ethyl Benzene
Concen: 50.76 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.5	38.3

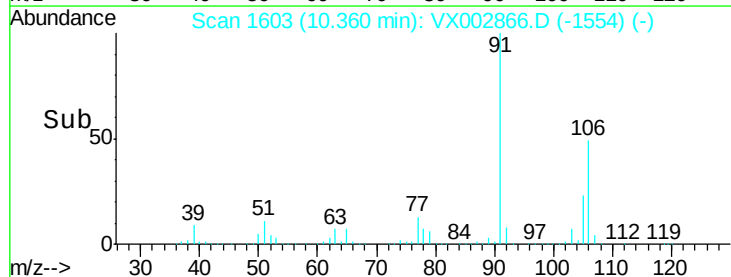
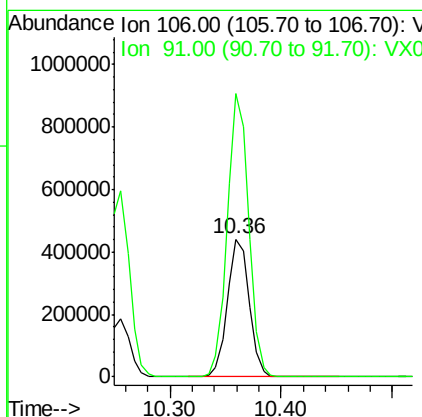
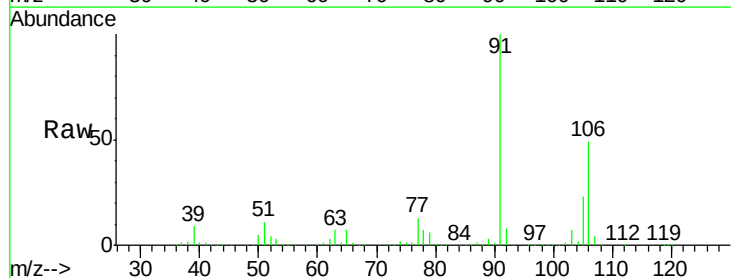
Manual Integrations
APPROVED

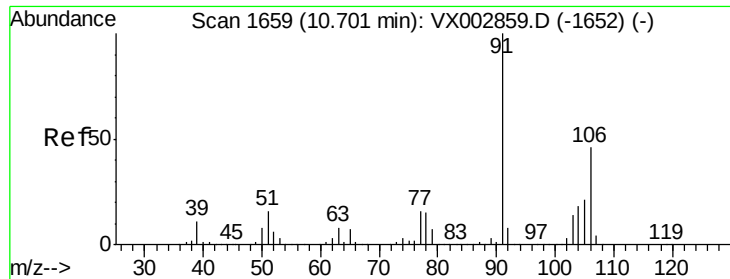
MMDadoda
6/28/2018 2:26:29 PM



#68
m/p-Xylenes
Concen: 101.98 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.2	163.4	245.2





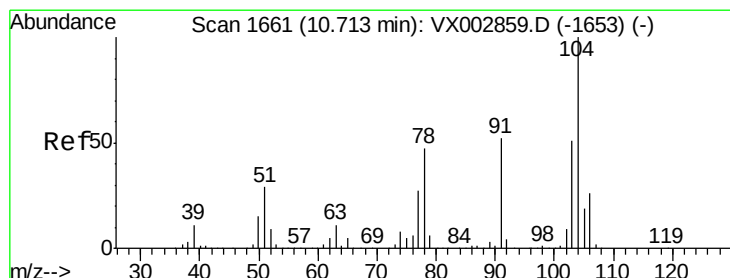
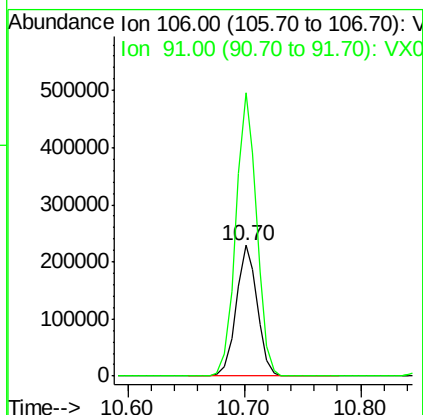
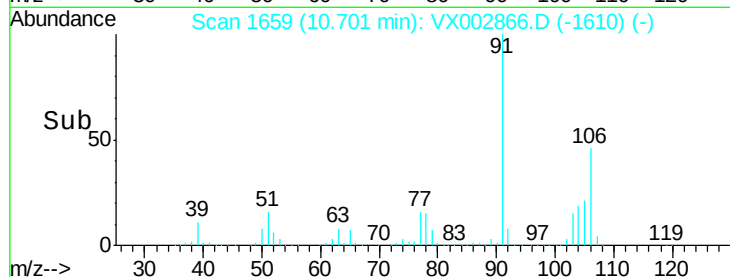
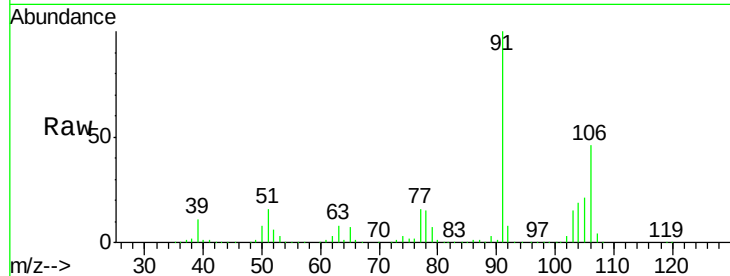
#69
o-Xylene
Concen: 50.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 286906
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

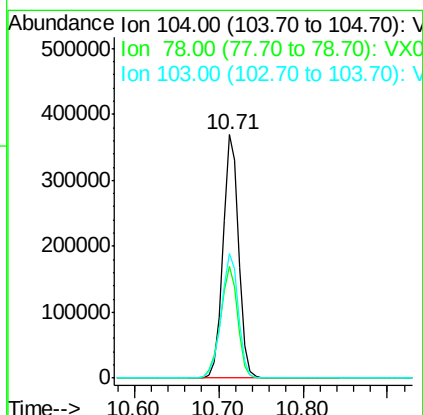
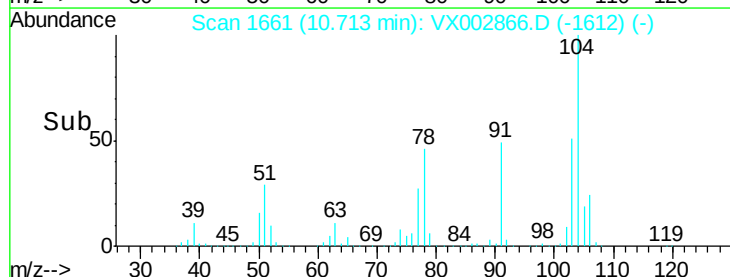
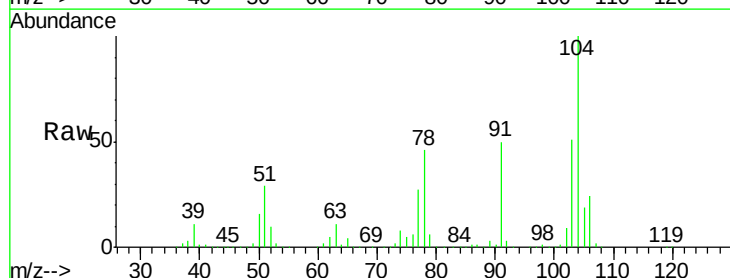
Manual Integrations
APPROVED

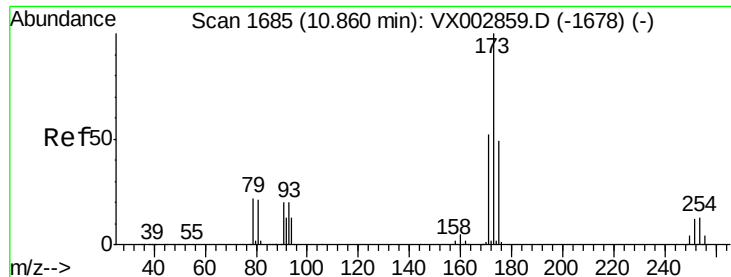
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#70
Styrene
Concen: 51.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion:104 Resp: 475290
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 45.99 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 136938

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

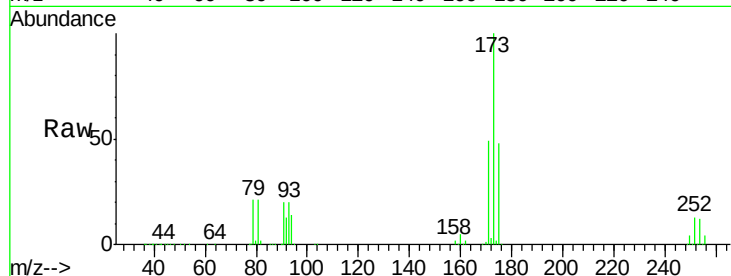
254 0.2 0.2 0.2

Manual Integrations

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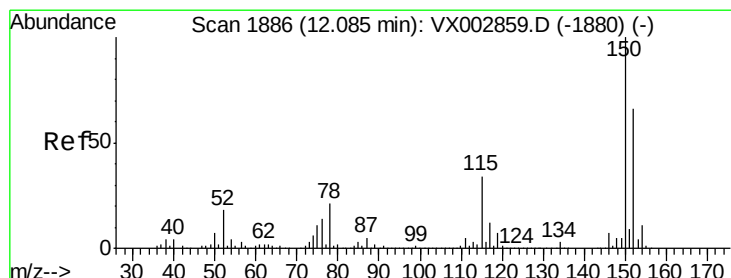
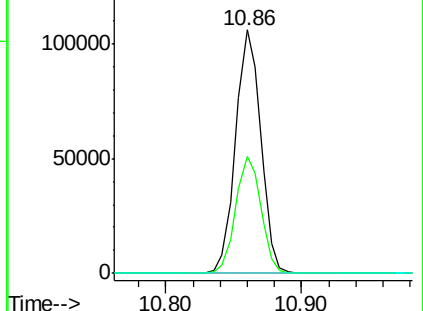
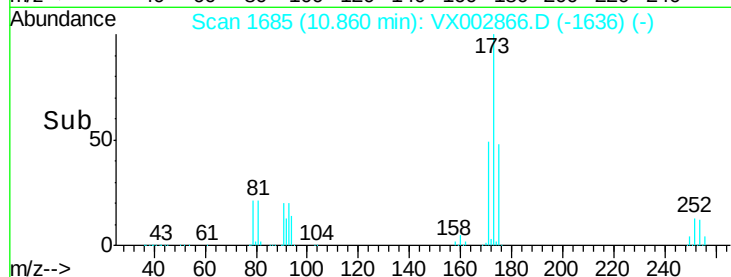
6/28/2018 2:26:29 PM



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: VX002866.D

Acq: 25 Jun 2018 18:26

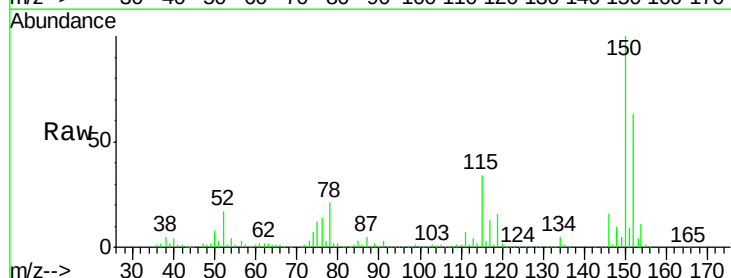
Tgt Ion:152 Resp: 232040

Ion Ratio Lower Upper

152 100

115 79.1 40.1 120.2

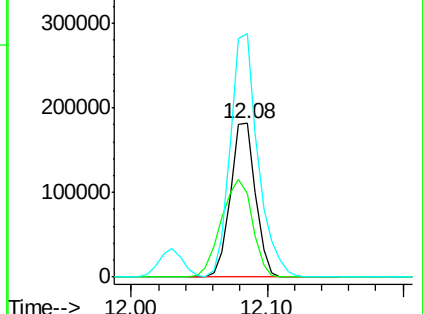
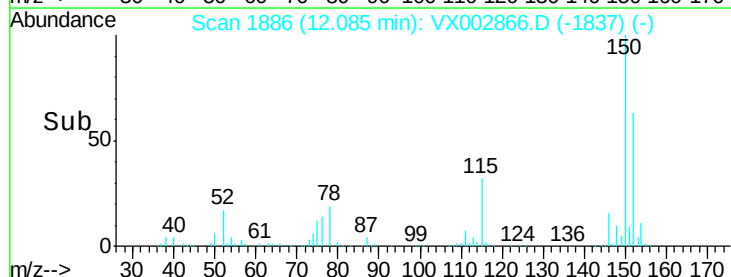
150 175.2 0.0 347.2

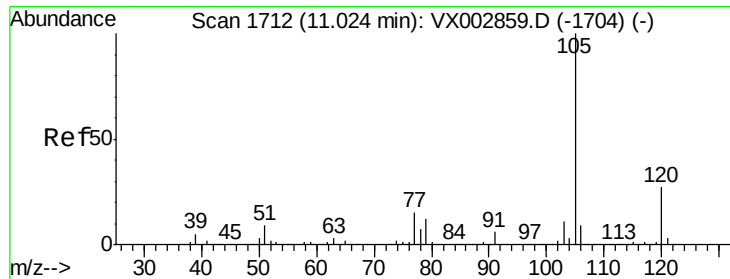


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.78 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 792660

Ion Ratio Lower Upper

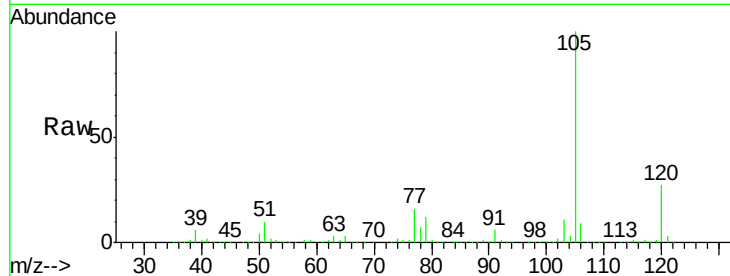
105 100

120 27.1 13.5 40.4

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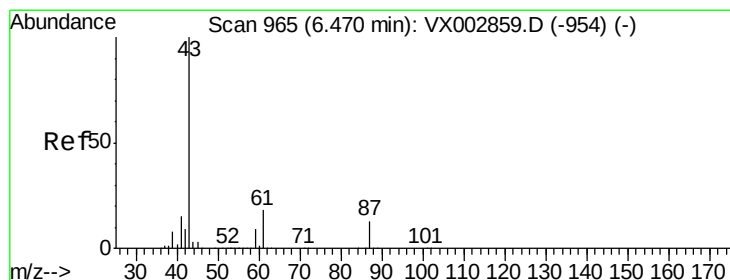
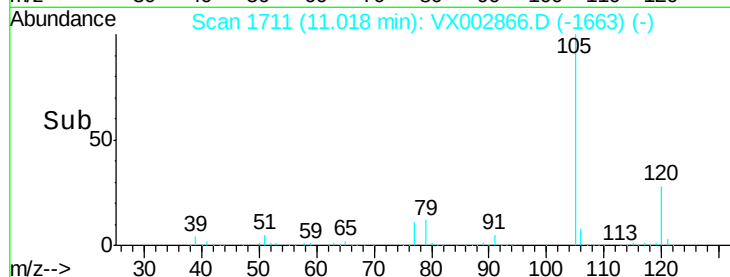
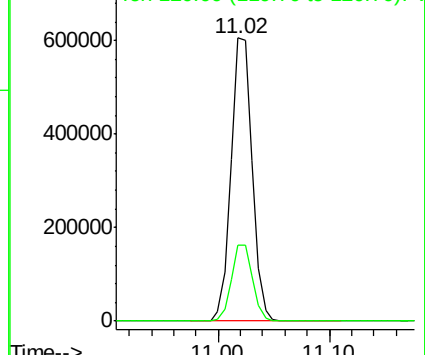
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.50 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 370445

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

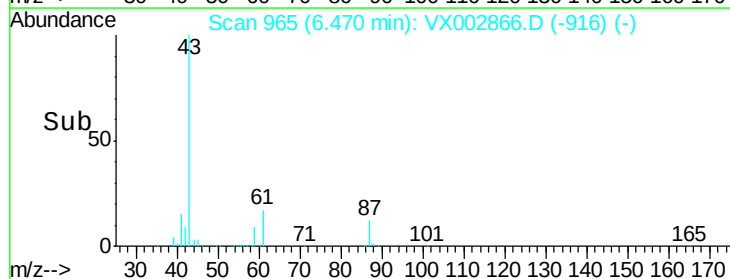
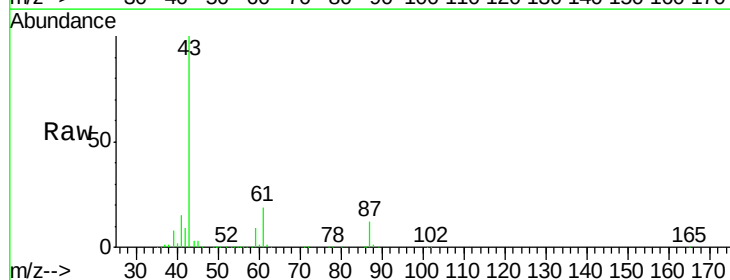
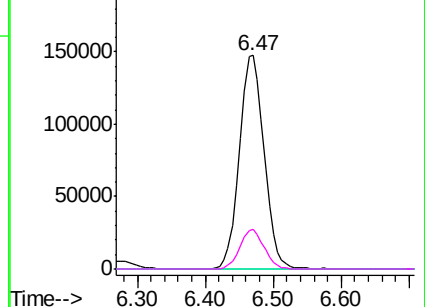
61 18.3 14.4 21.6

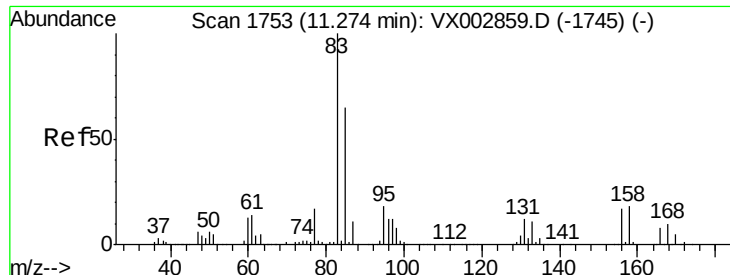
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

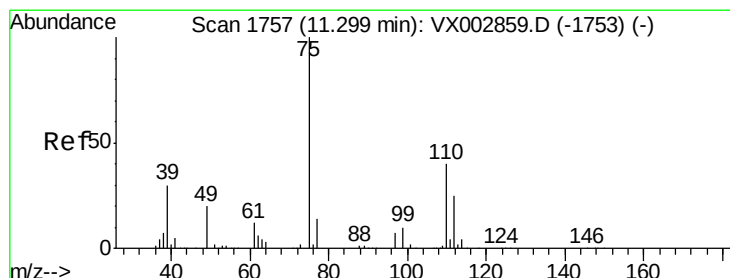
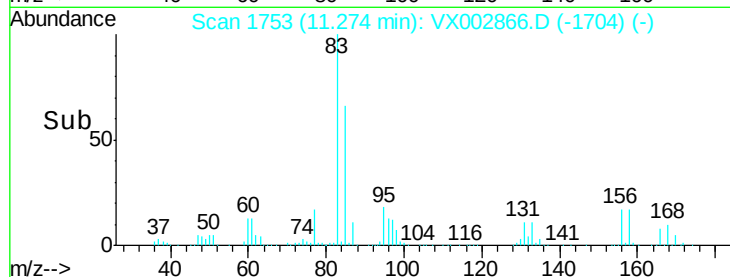
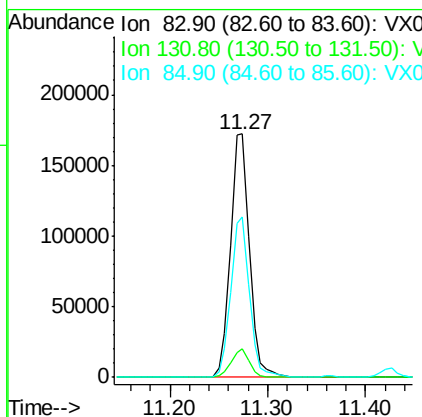
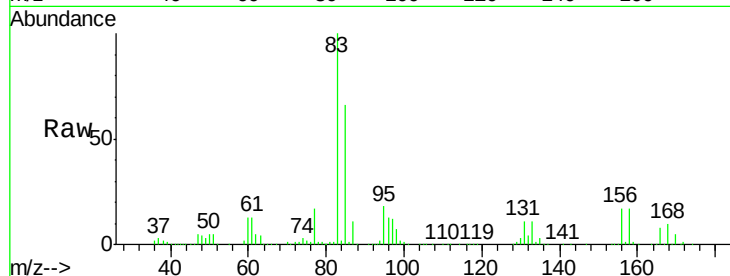
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	232257
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.63 ug/l m

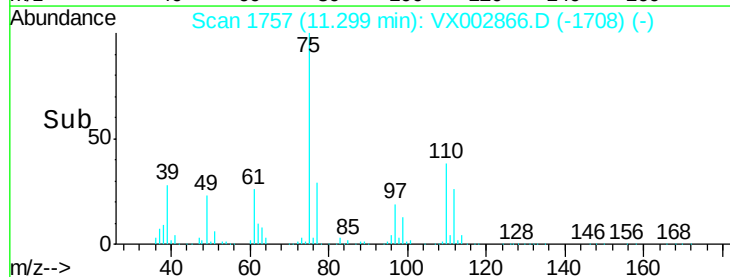
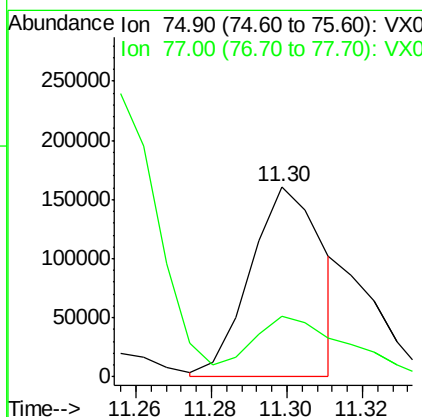
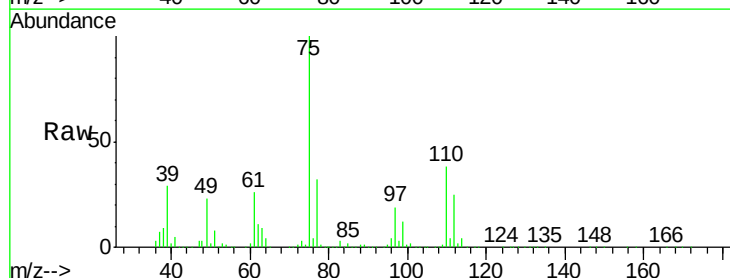
RT: 11.30 min Scan# 1757

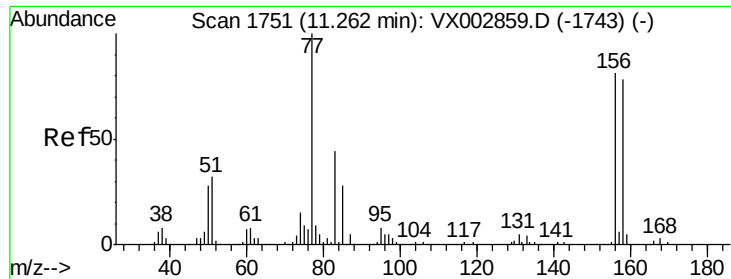
Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	75	Resp:	212796
Ion Ratio	Lower	Upper	
75	100		
77	42.1	22.8	68.3





#77

Bromobenzene

Concen: 48.58 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

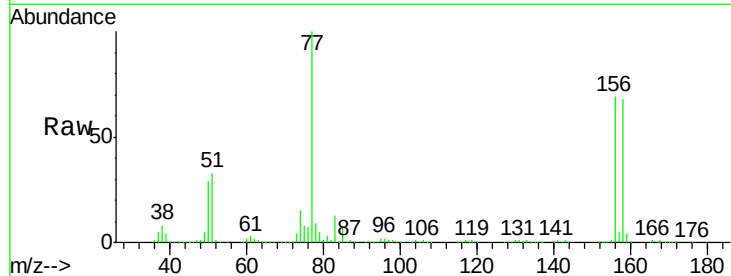
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		215945		
77	139.3	71.4	214.2		
158	98.0	48.9	146.6		

Manual Integrations
APPROVED

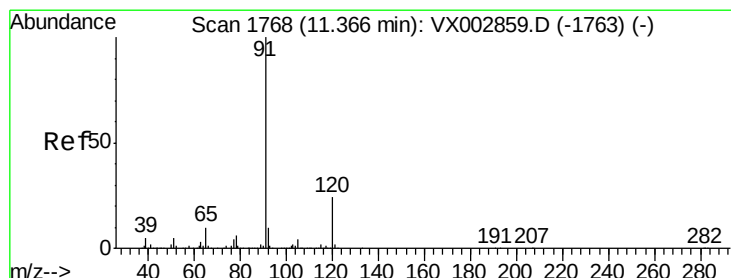
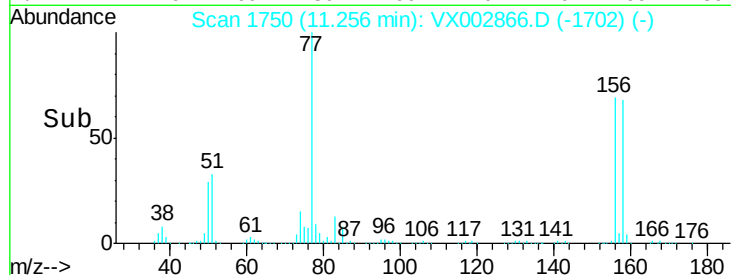
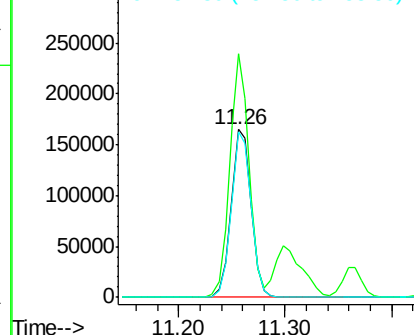
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.59 ug/l

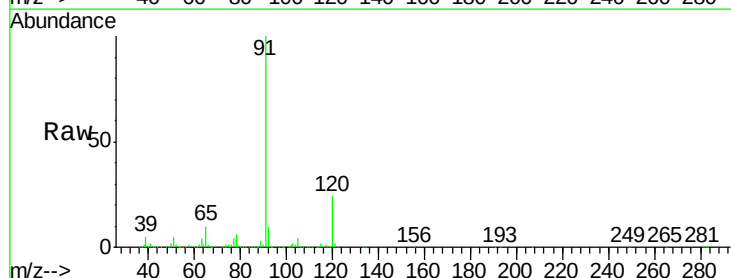
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002866.D

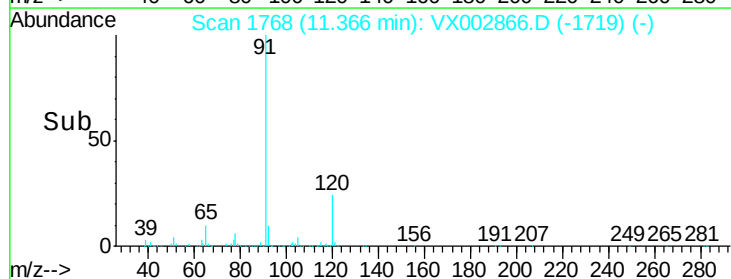
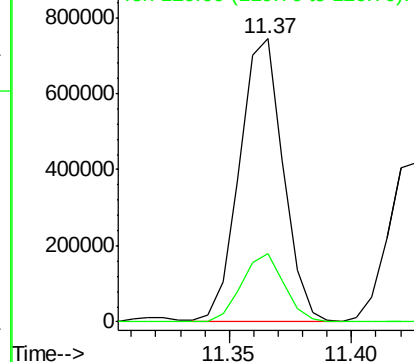
Acq: 25 Jun 2018 18:26

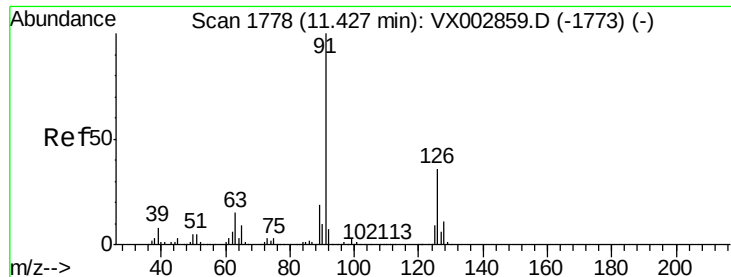
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		916727		
120	23.6	11.8	35.4		



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.46 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 532033

Ion Ratio Lower Upper

91 100

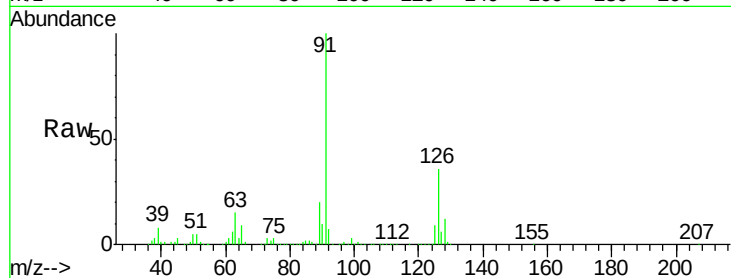
126 36.0 17.7 53.1

Manual Integrations

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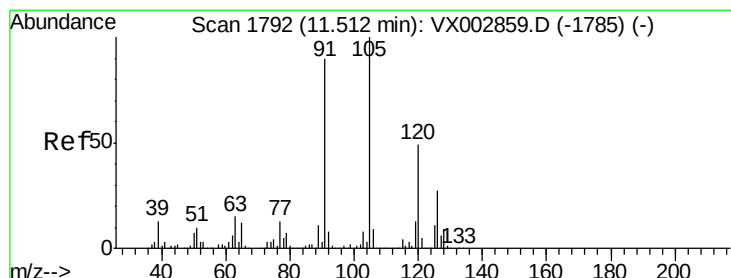
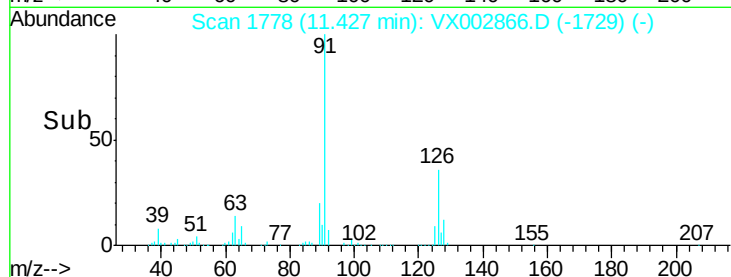
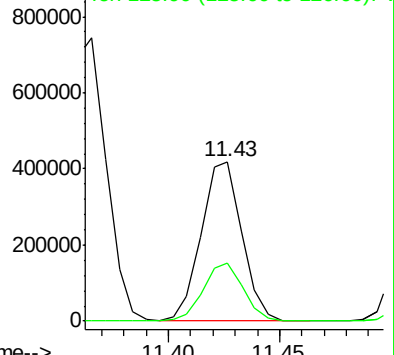
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002866.D

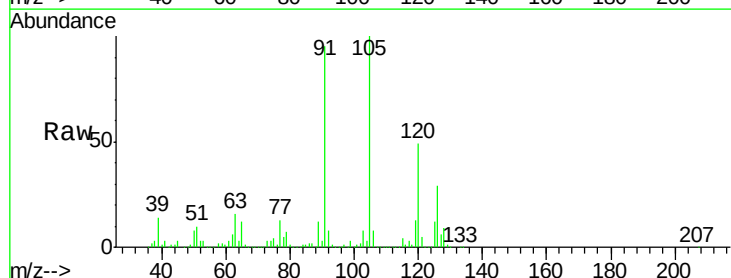
Acq: 25 Jun 2018 18:26

Tgt Ion: 105 Resp: 674351

Ion Ratio Lower Upper

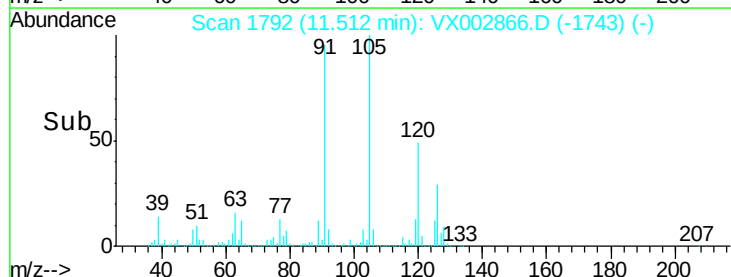
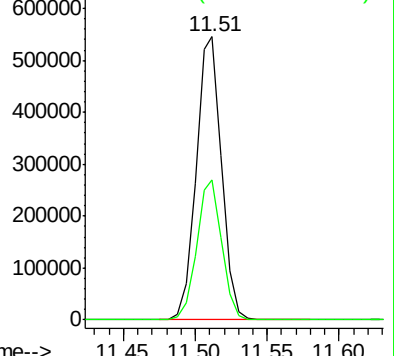
105 100

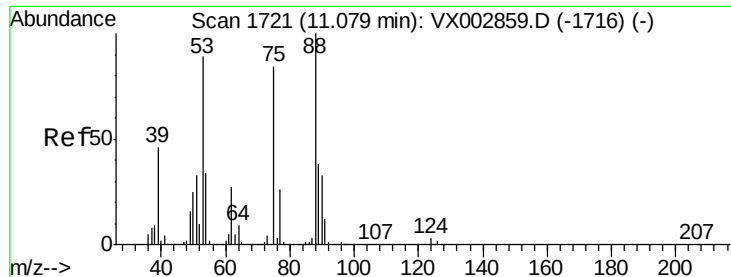
120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





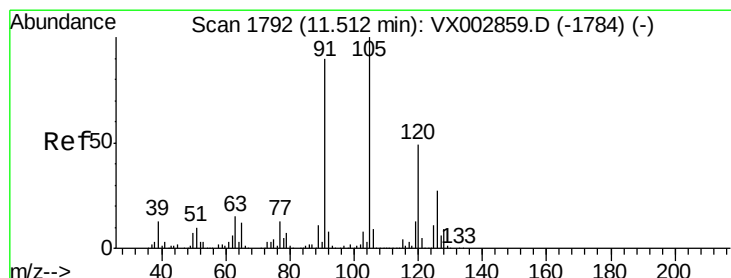
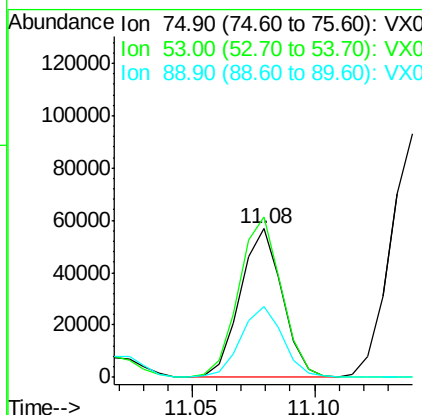
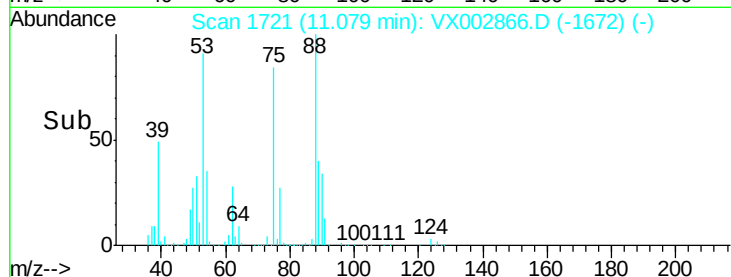
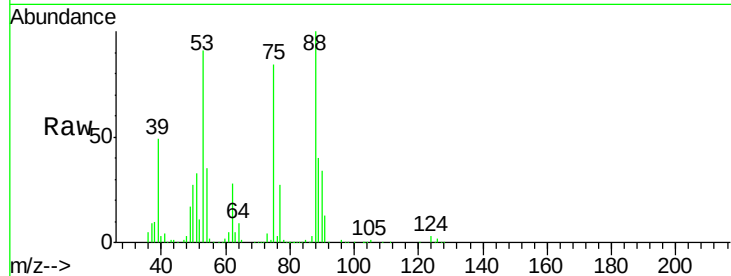
#81
trans-1,4-Dichloro-2-butene
Concen: 46.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.6	86.8	130.2
89	48.4	38.2	57.2

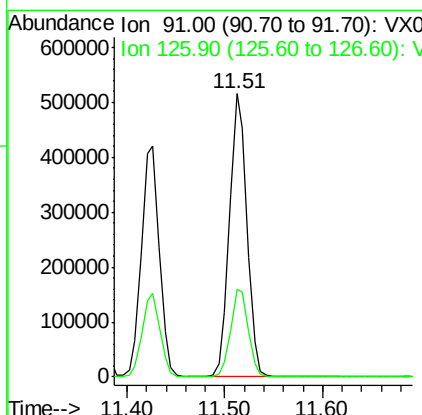
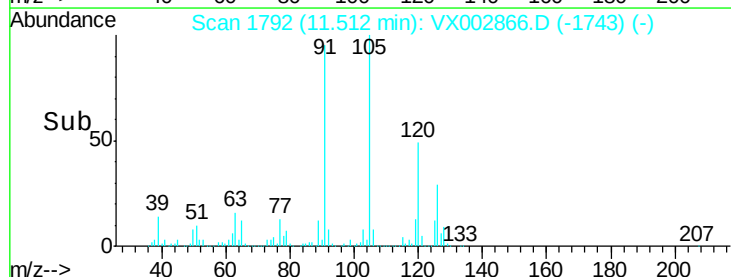
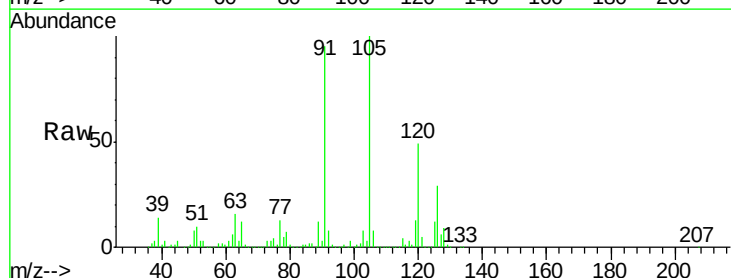
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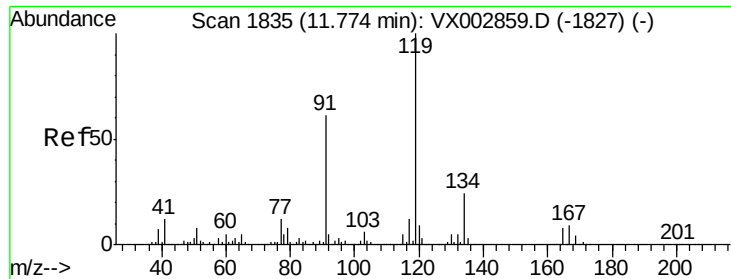
MMDadoda
6/28/2018 2:26:29 PM



#82
4-Chlorotoluene
Concen: 50.19 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4





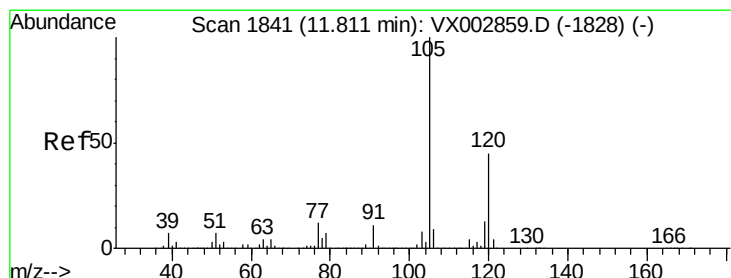
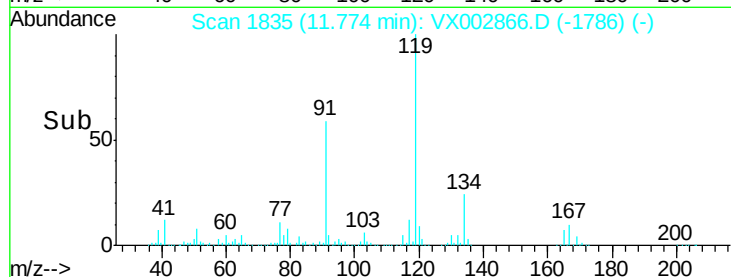
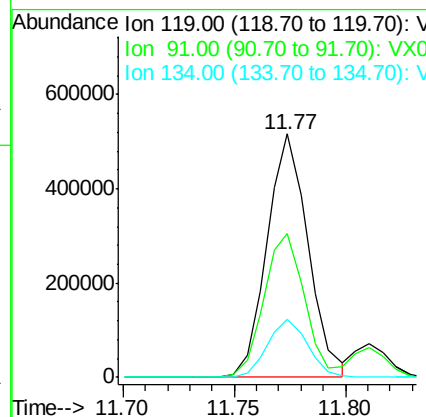
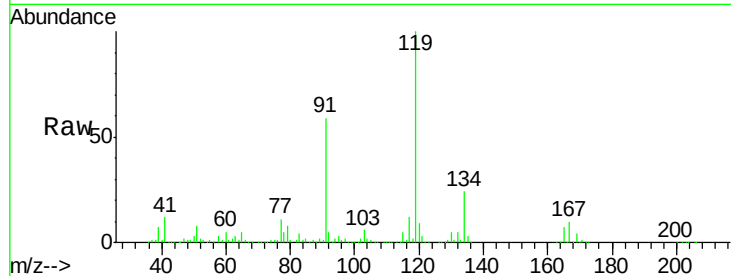
#83
 tert-Butylbenzene
 Concen: 51.11 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	662291		
91	59.0		30.3	90.9
134	23.4		11.7	35.1

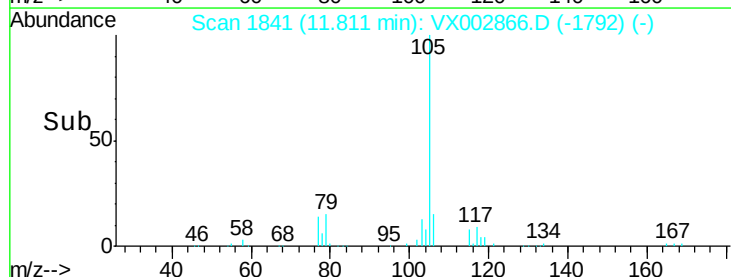
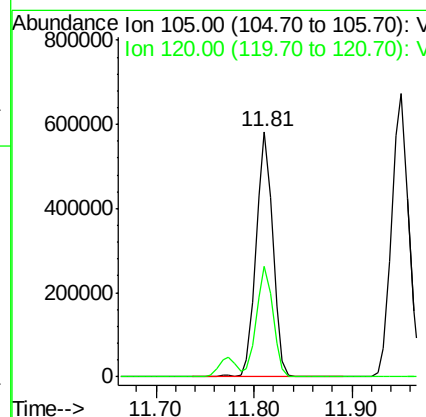
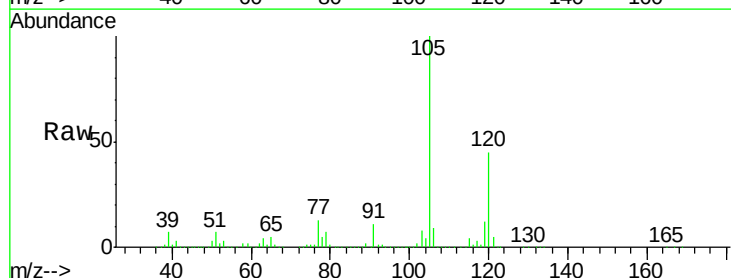
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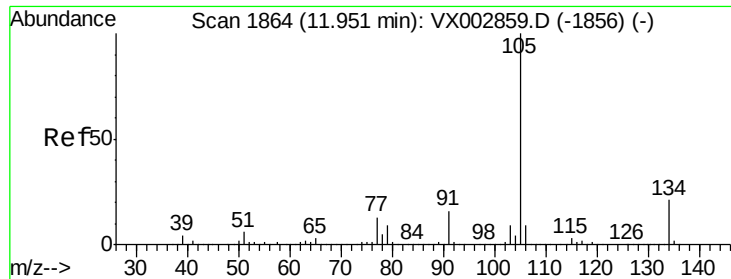
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691322		
120	44.8		22.3	66.8





#85

sec-Butylbenzene

Concen: 51.64 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 811752

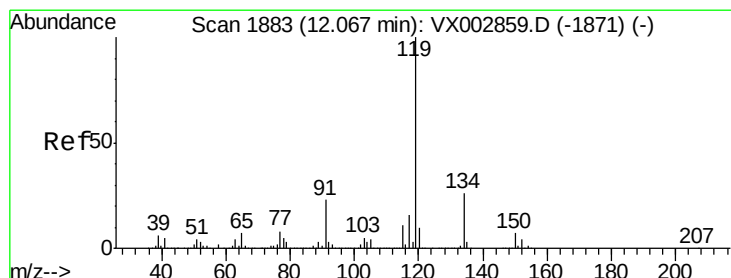
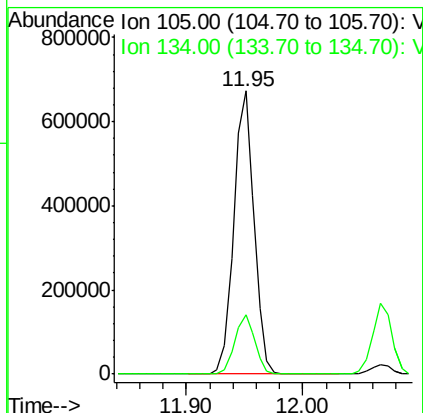
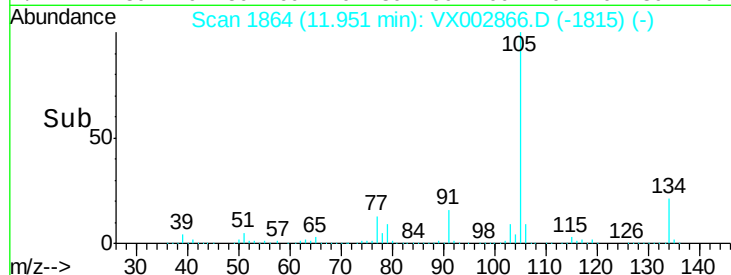
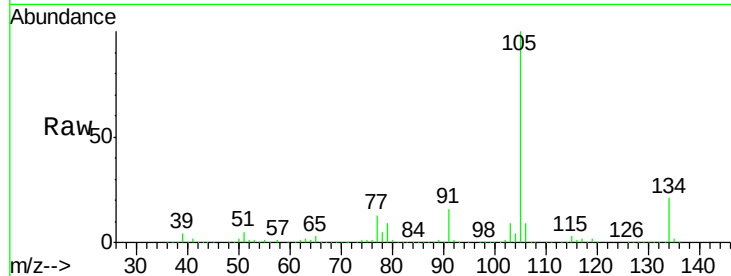
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 52.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

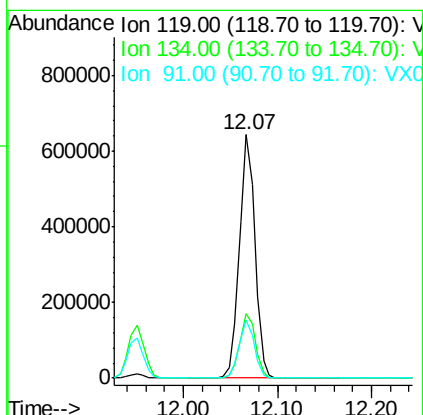
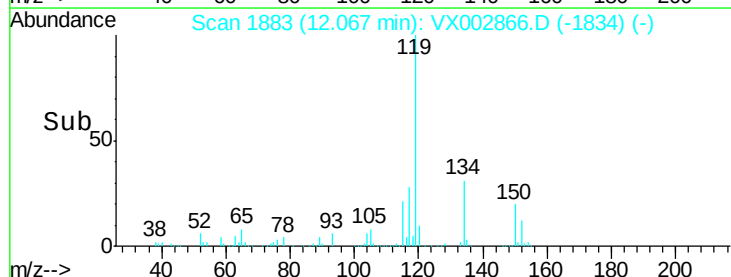
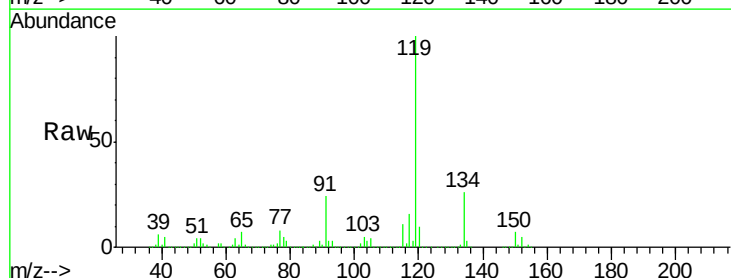
Tgt Ion:119 Resp: 738088

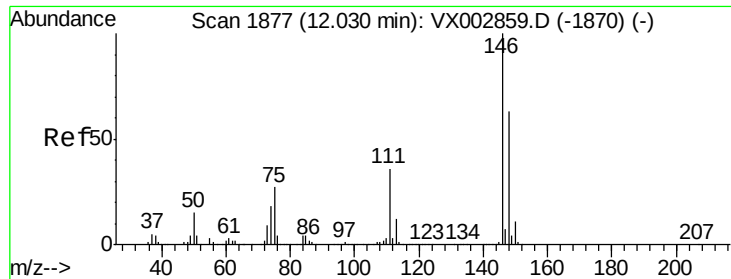
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.8 11.9 35.7





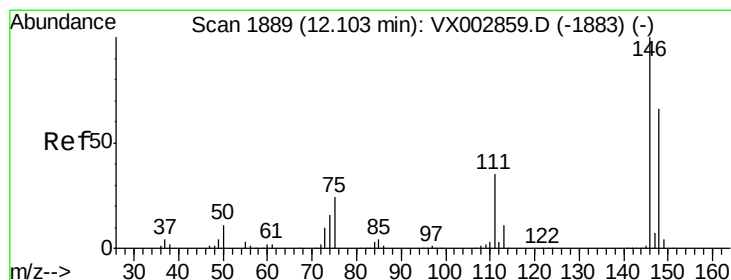
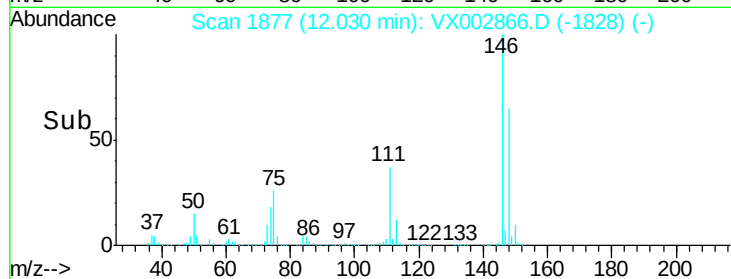
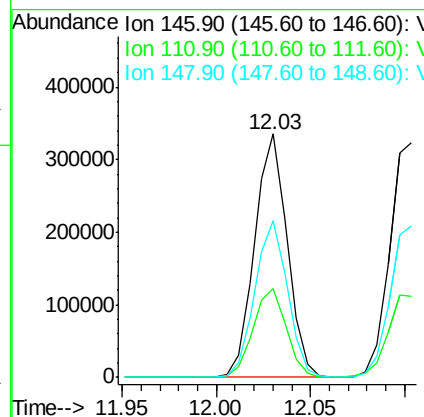
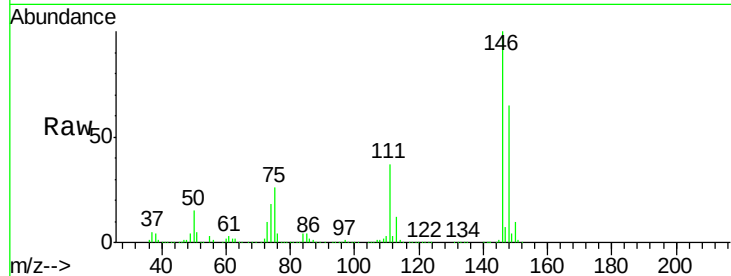
#87
 1,3-Dichlorobenzene
 Concen: 49.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.4	32.1	96.3

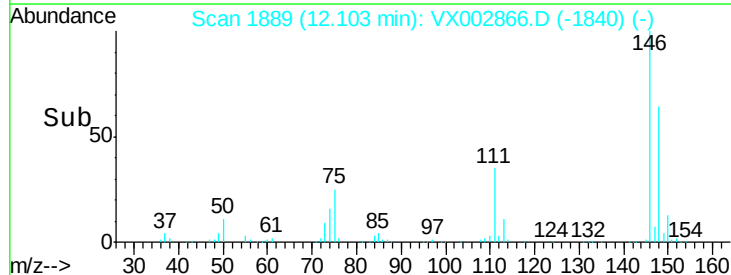
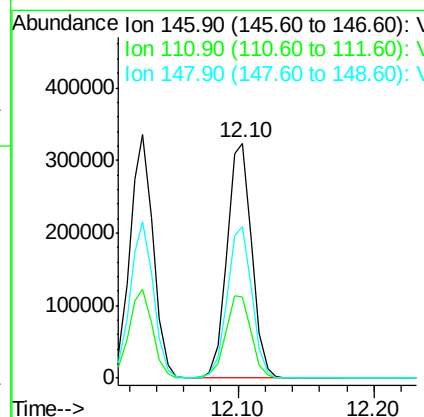
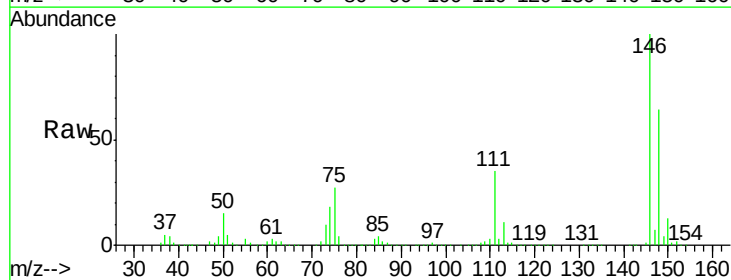
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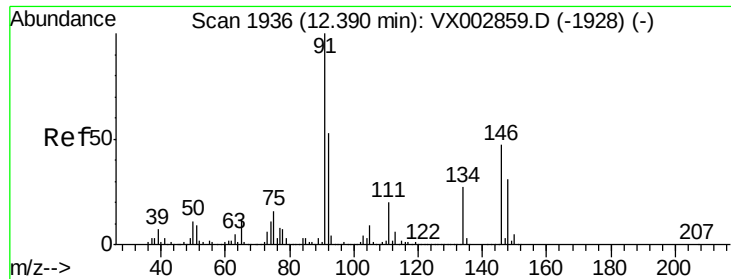
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#88
 1,4-Dichlorobenzene
 Concen: 48.56 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	64.1	32.4	97.0





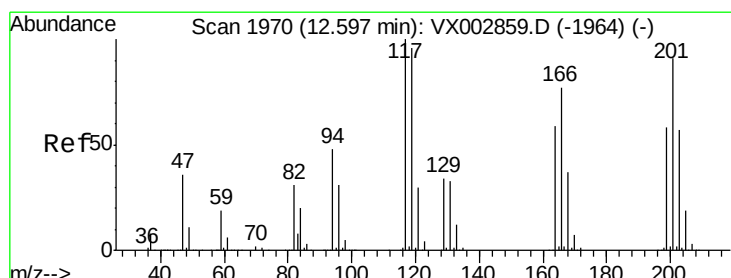
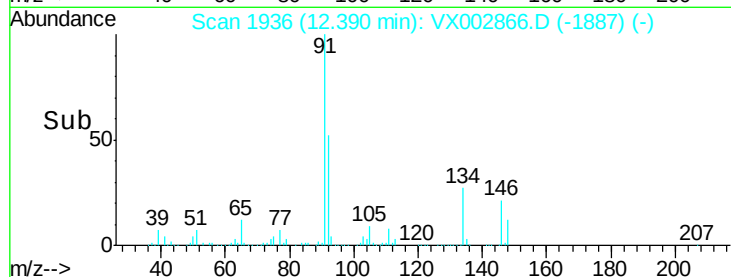
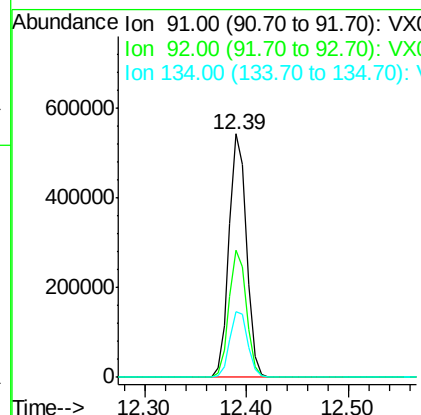
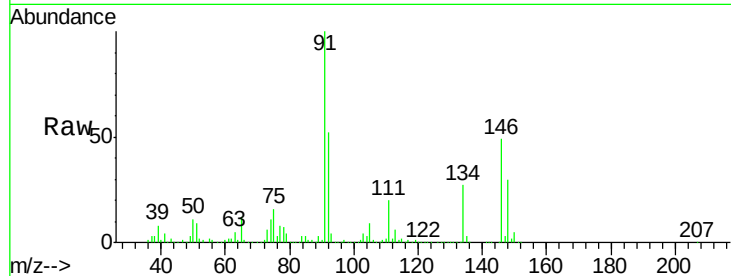
#89
n-Butylbenzene
Concen: 52.36 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.7	13.5	40.5

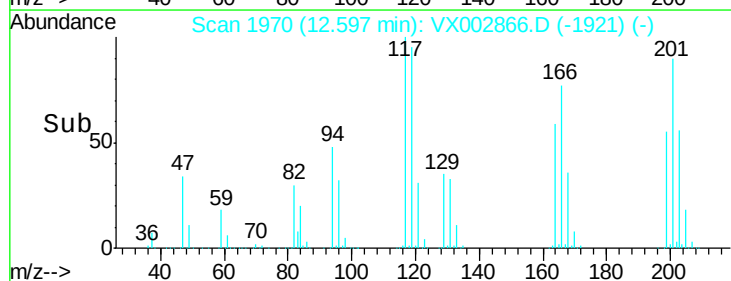
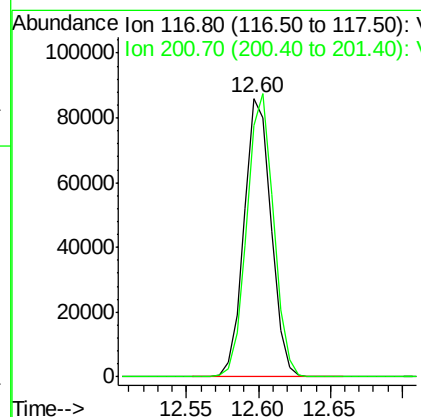
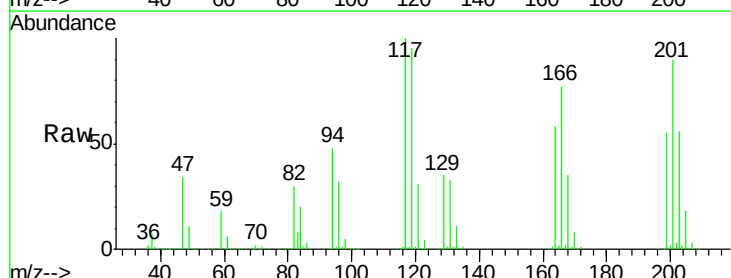
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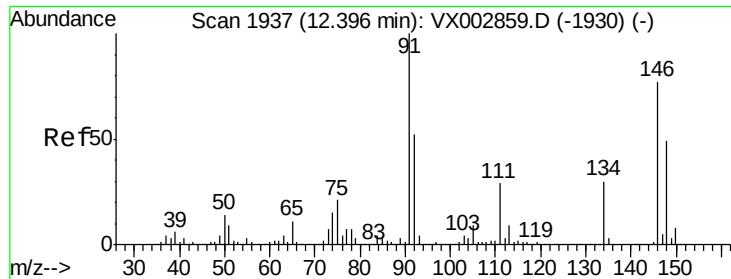
MMDadoda
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#90
Hexachloroethane
Concen: 53.14 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002866.D
Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.0	49.0	147.0





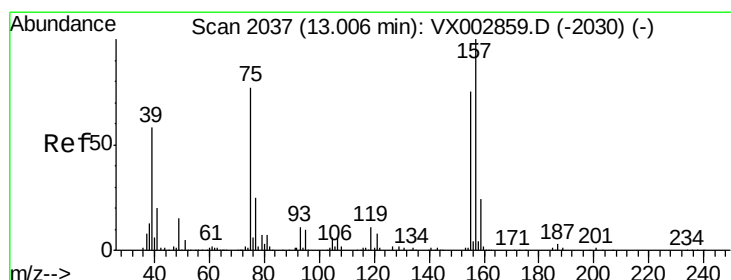
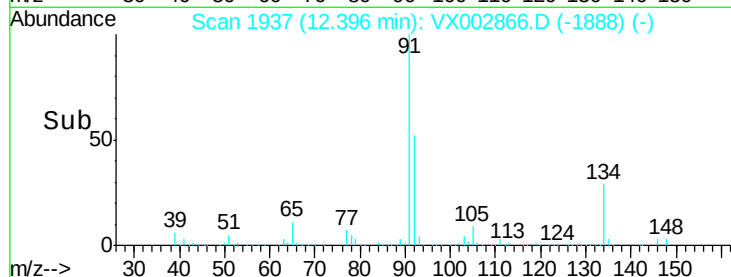
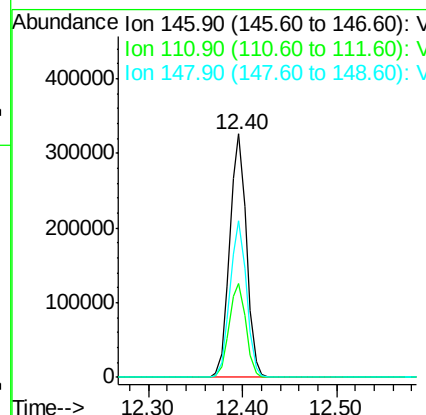
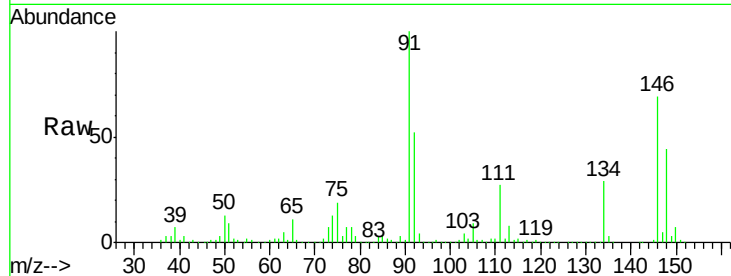
#91
 1,2-Dichlorobenzene
 Concen: 48.99 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.4	31.7	95.1

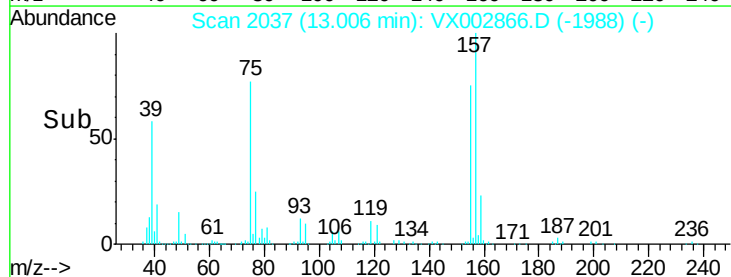
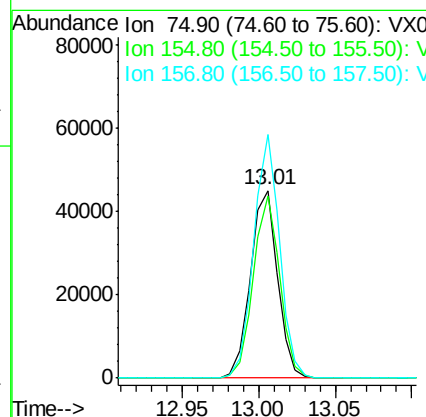
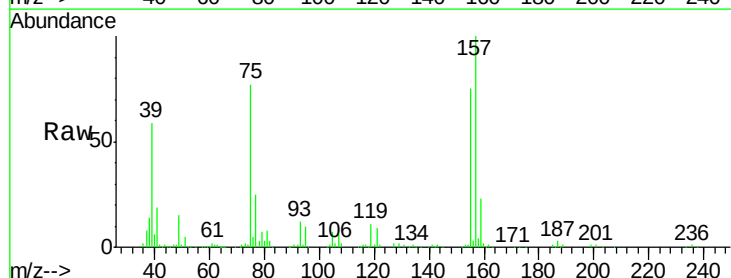
Manual Integrations
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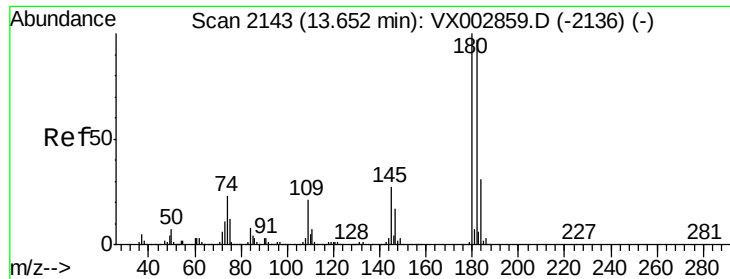
MMDadoda
 6/28/2018 2:26:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	45.8	137.4
157	123.5	60.1	180.3





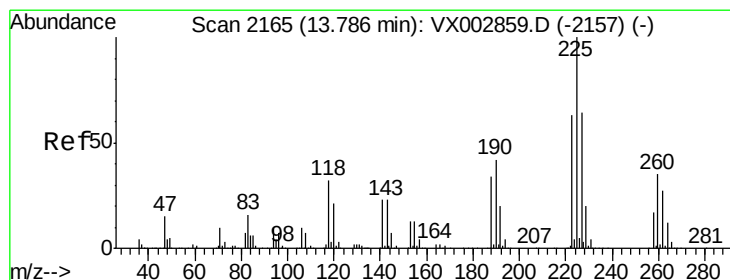
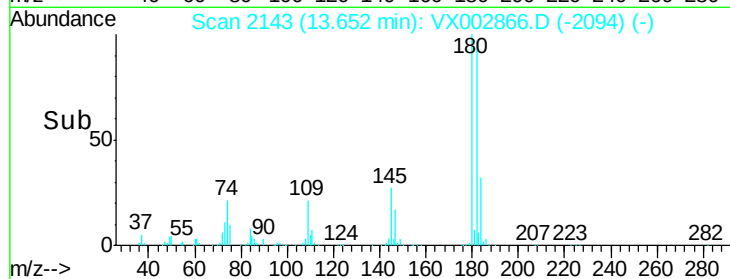
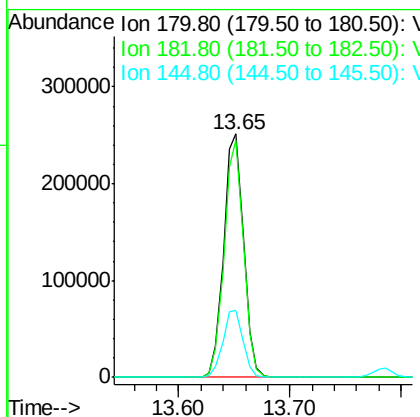
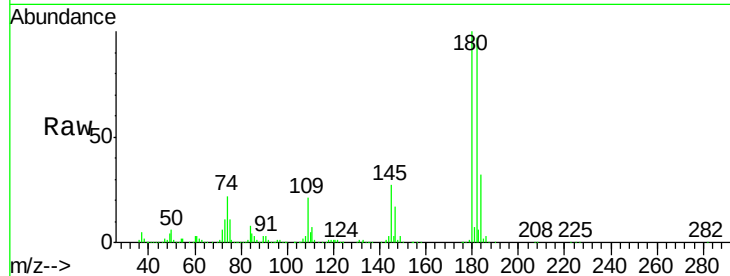
#93
 1,2,4-Trichlorobenzene
 Concen: 51.85 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	309241		
182	94.8	47.7	143.1	
145	28.1	14.1	42.4	

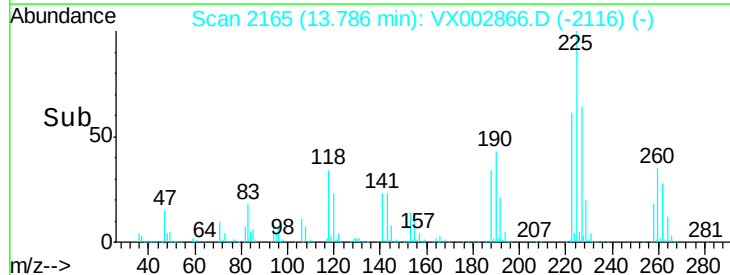
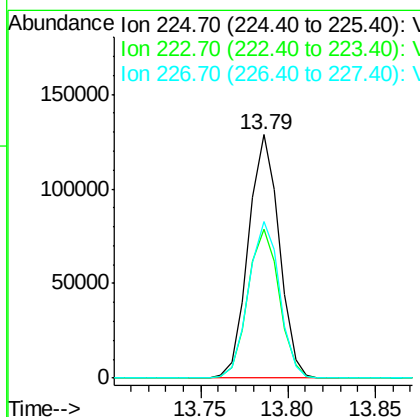
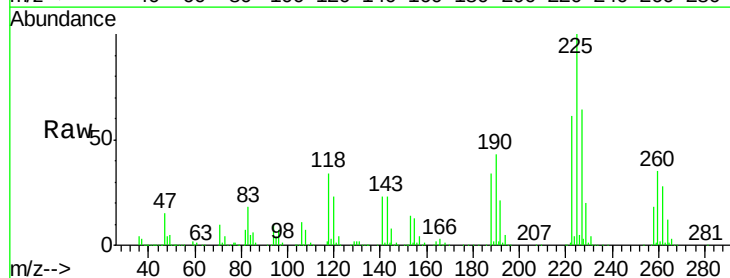
Manual Integrations
 APPROVED

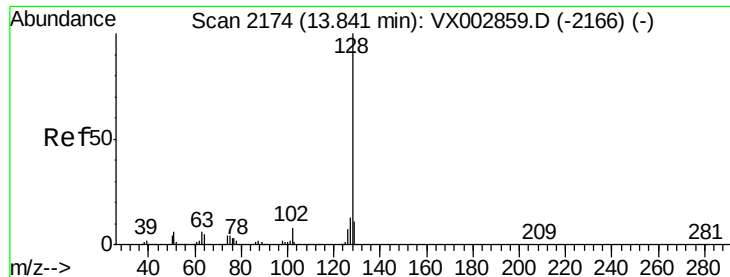
MMDadoda
 6/28/2018 2:26:29 PM



#94
 Hexachlorobutadiene
 Concen: 52.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002866.D
 Acq: 25 Jun 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157217		
223	62.5	31.6	95.0	
227	65.0	32.4	97.2	





#95

Naphthalene

Concen: 52.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Instrument :

MSVOA_X

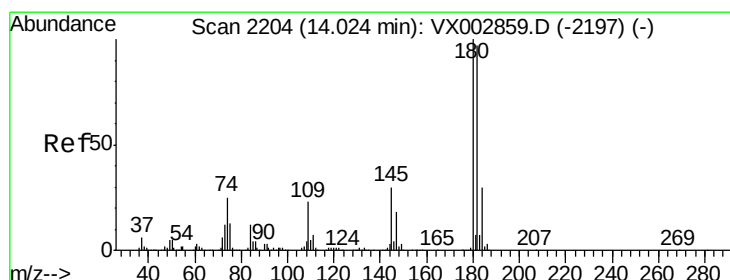
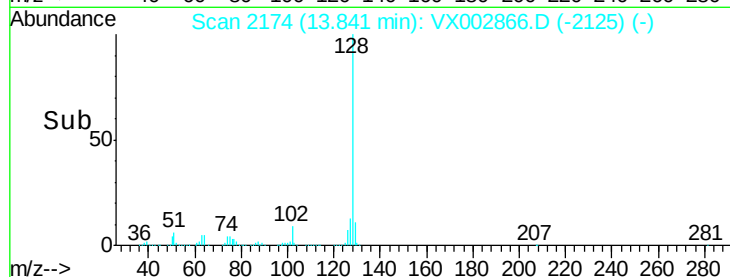
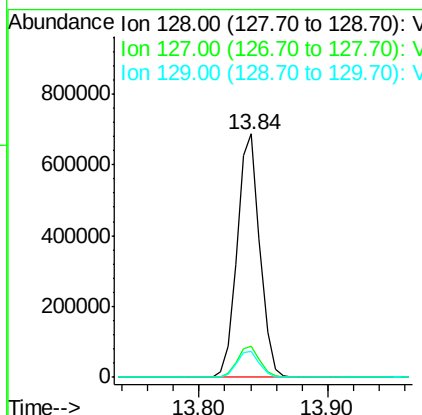
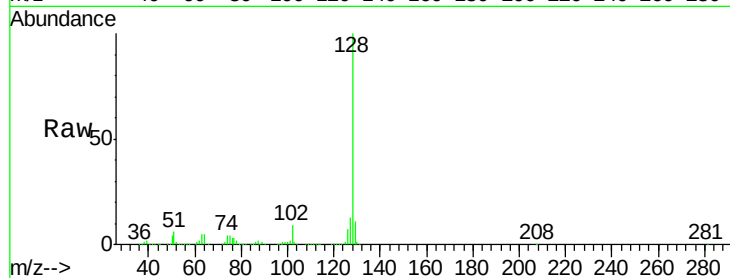
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	838063
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 2:26:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.41 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002866.D

Acq: 25 Jun 2018 18:26

Tgt Ion:	180	Resp:	306219
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.0	144.0
145	29.4	14.8	44.3

