

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002864.D
 Acq On : 25 Jun 2018 17:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX062518

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 05:34:41 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	302491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254644	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207960	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	165006	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.72	98	619904	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	243846	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	129832	48.06	ug/l	98
3) Chloromethane	1.32	50	132532	47.20	ug/l	99
4) Vinyl Chloride	1.40	62	151752	44.36	ug/l	99
5) Bromomethane	1.64	94	76565	47.83	ug/l	98
6) Chloroethane	1.72	64	96738	48.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	267821	46.41	ug/l	99
8) Diethyl Ether	2.19	74	96635	46.07	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155061	46.38	ug/l	99
10) Methyl Iodide	2.51	142	158073	47.04	ug/l	99
11) Tert butyl alcohol	3.07	59	188765	226.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135679	45.48	ug/l	97
13) Acrolein	2.29	56	98294	213.50	ug/l	99
14) Allyl chloride	2.73	41	273476	46.50	ug/l	99
15) Acrylonitrile	3.15	53	404791	227.53	ug/l	100
16) Acetone	2.45	43	413583	238.86	ug/l	99
17) Carbon Disulfide	2.57	76	352275	44.32	ug/l	99
18) Methyl Acetate	2.78	43	236611	48.88	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	506237	47.20	ug/l	99
20) Methylene Chloride	2.86	84	153880	45.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	147905	45.52	ug/l	98
22) Diisopropyl ether	3.87	45	532292	47.35	ug/l	97
23) Vinyl Acetate	3.82	43	2231500	234.44	ug/l	100
24) 1,1-Dichloroethane	3.70	63	283248	46.36	ug/l	99
25) 2-Butanone	4.71	43	604915	235.40	ug/l	98
26) 2,2-Dichloropropane	4.59	77	242087	48.73	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	169755	46.60	ug/l	94
28) Bromochloromethane	5.02	49	144875	49.54	ug/l	95
29) Tetrahydrofuran	5.17	42	376334	228.37	ug/l	98
30) Chloroform	5.21	83	293365	46.79	ug/l	98
31) Cyclohexane	5.57	56	248832	47.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	264383	47.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	216300	48.21	ug/l	99
37) Ethyl Acetate	4.86	43	230200	47.65	ug/l	100
38) Carbon Tetrachloride	5.78	117	237498	48.24	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	260203	49.79	ug/l	97
40) Benzene	6.15	78	624652	47.92	ug/l	99
41) Methacrylonitrile	5.06	41	131912	47.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244755	46.48	ug/l	100
43) Isopropyl Acetate	6.46	43	386484	47.70	ug/l	99
44) Trichloroethene	7.21	130	189025	48.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	165935	47.99	ug/l	98
46) Dibromomethane	7.67	93	113383	47.25	ug/l	97
47) Bromodichloromethane	7.90	83	219483	49.47	ug/l	99
48) Methyl methacrylate	7.78	41	202692	48.56	ug/l	98
49) 1,4-Dioxane	7.76	88	76689	944.26	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1237309	244.10	ug/l	99
52) Toluene	8.79	92	411488	49.27	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	257204	51.19	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	244443	50.56	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	167465	48.80	ug/l	98
56) Ethyl methacrylate	9.18	69	250785	50.00	ug/l	97
57) 1,3-Dichloropropane	9.37	76	271523	48.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580562	239.95	ug/l	98
59) 2-Hexanone	9.50	43	967230	251.08	ug/l	98
60) Dibromochloromethane	9.59	129	182494	50.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	176603	49.06	ug/l	100
64) Tetrachloroethene	9.34	164	215107	49.57	ug/l	97
65) Chlorobenzene	10.14	112	481074	48.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177831	49.39	ug/l	100
67) Ethyl Benzene	10.26	91	823882	50.32	ug/l	100
68) m/p-Xylenes	10.36	106	639838	101.40	ug/l	100
69) o-Xylene	10.70	106	311544	50.70	ug/l	99
70) Styrene	10.71	104	517439	51.83	ug/l	100
71) Bromoform	10.86	173	143802	44.66	ug/l	100
73) Isopropylbenzene	11.02	105	859453	50.17	ug/l	100
74) N-amyl acetate	6.46	43	386484	46.11	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	246678	46.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219518m	47.59	ug/l	
77) Bromobenzene	11.26	156	236445	48.47	ug/l	97
78) n-propylbenzene	11.37	91	992813	50.92	ug/l	99
79) 2-Chlorotoluene	11.43	91	581709	49.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	730450	50.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74515	47.08	ug/l	99
82) 4-Chlorotoluene	11.51	91	691506	49.48	ug/l	100
83) tert-Butylbenzene	11.77	119	717423	50.45	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	754272	50.46	ug/l	99
85) sec-Butylbenzene	11.95	105	879325	50.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	814796	52.54	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	441854	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	445505	48.59	ug/l	99
89) n-Butylbenzene	12.39	91	718896	53.26	ug/l	99
90) Hexachloroethane	12.60	117	121287	52.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	436465	48.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57222	48.24	ug/l	98

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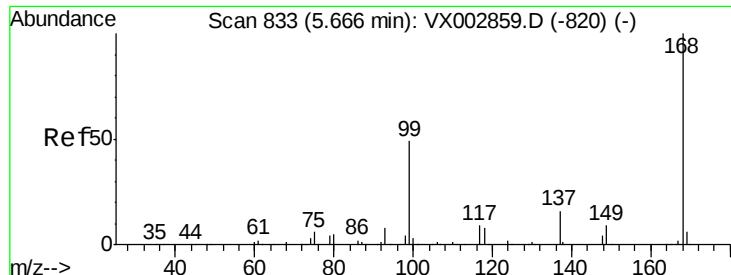
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	340791	52.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	172648	52.89	ug/l	99
95) Naphthalene	13.84	128	885819	50.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	336167	51.42	ug/l	100

(#) = 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: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion:168 Resp: 302491

Ion Ratio Lower Upper

168 100

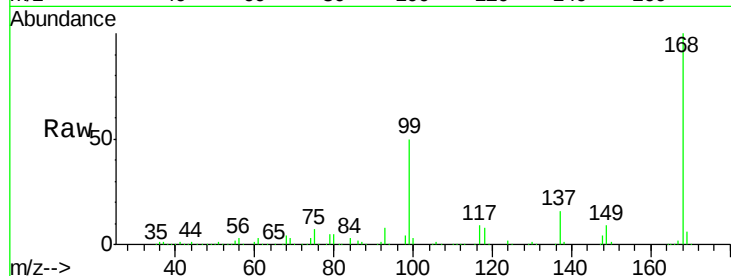
99 50.4 39.3 58.9

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

120000

100000

80000

60000

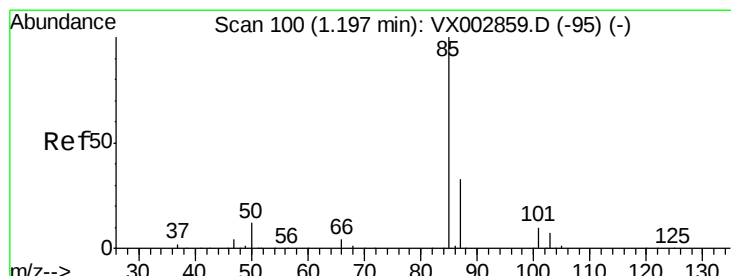
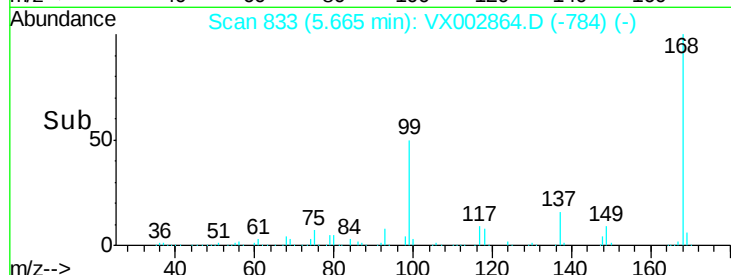
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002864.D

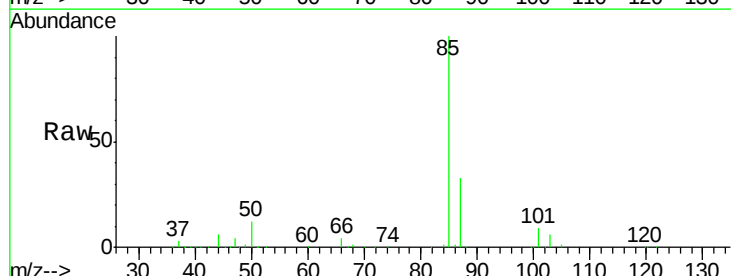
Acq: 25 Jun 2018 17:11

Tgt Ion: 85 Resp: 129832

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

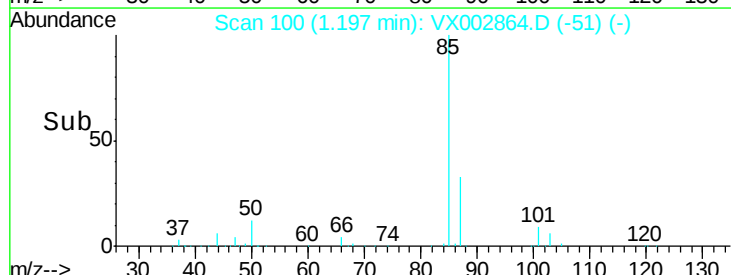
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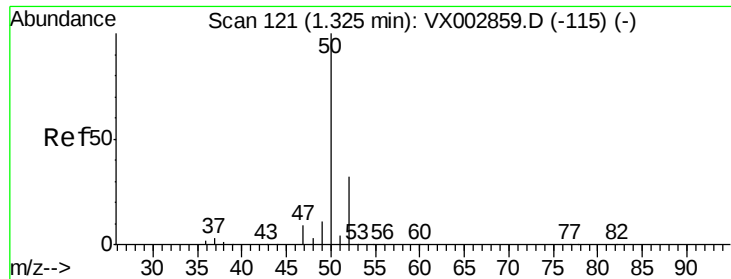
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 50 Resp: 132532

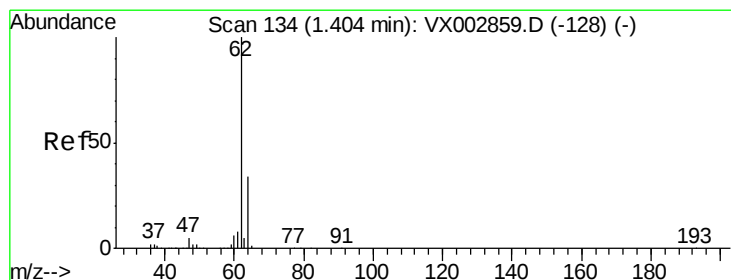
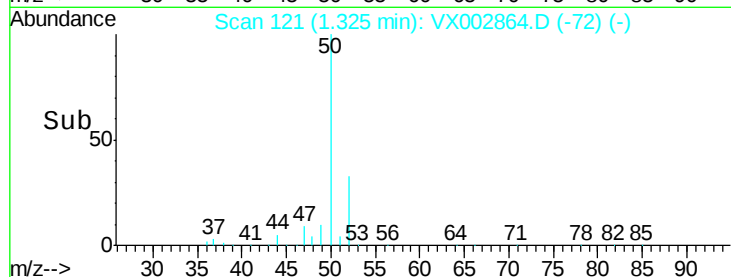
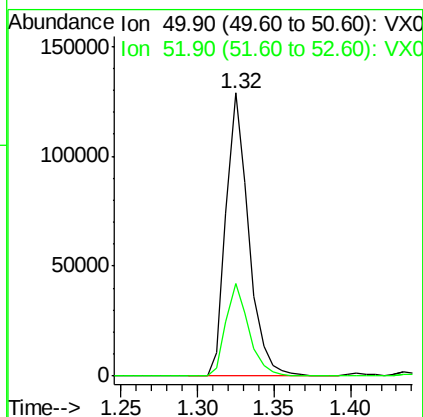
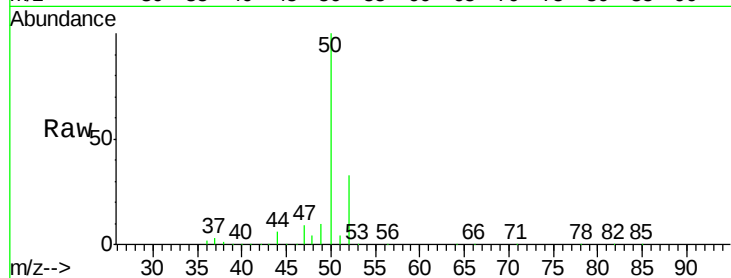
Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5

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#4

Vinyl Chloride

Concen: 44.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002864.D

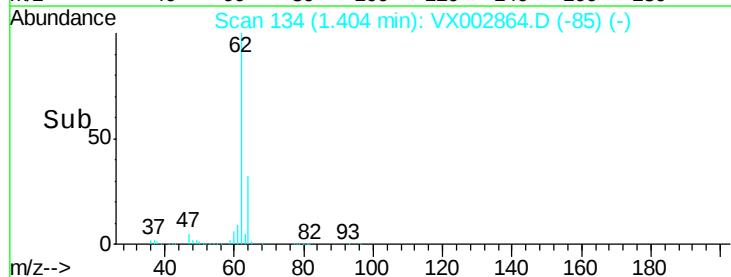
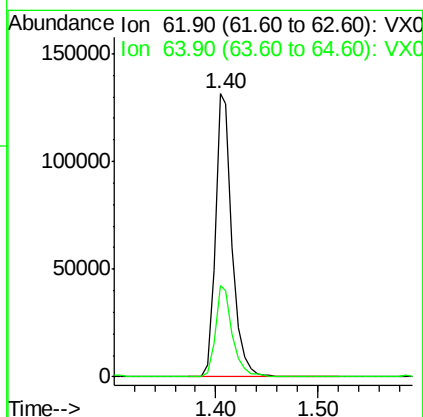
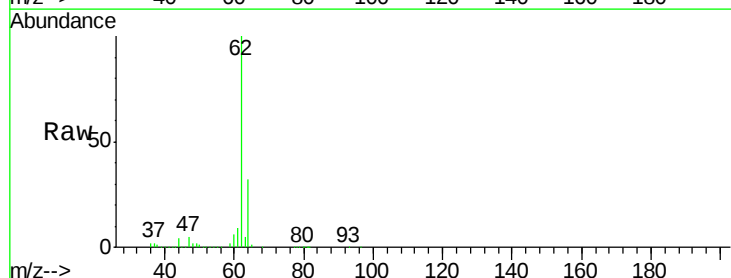
Acq: 25 Jun 2018 17:11

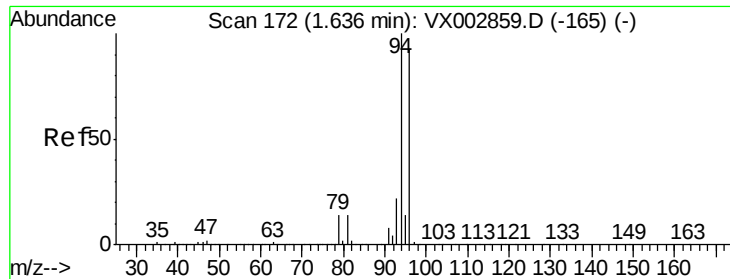
Tgt Ion: 62 Resp: 151752

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 47.83 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 94 Resp: 76565

Ion Ratio Lower Upper

94 100

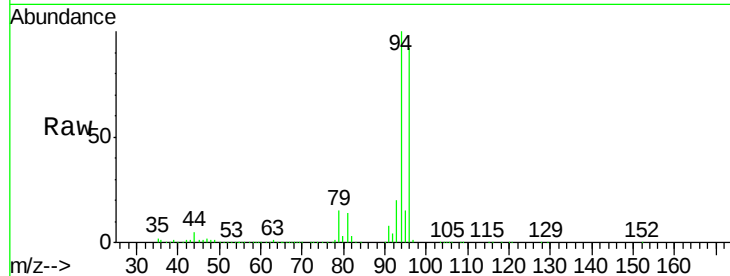
96 91.8 74.9 112.3

Manual Integrations

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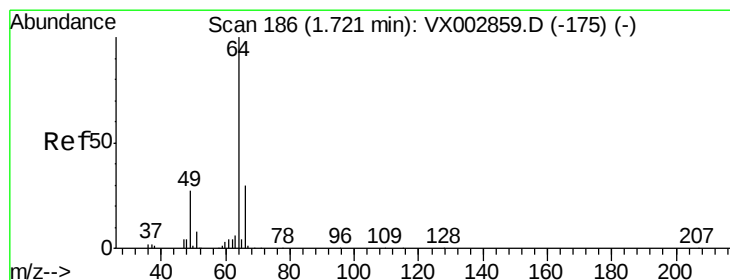
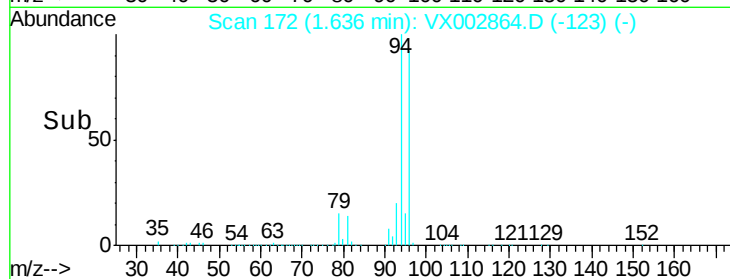
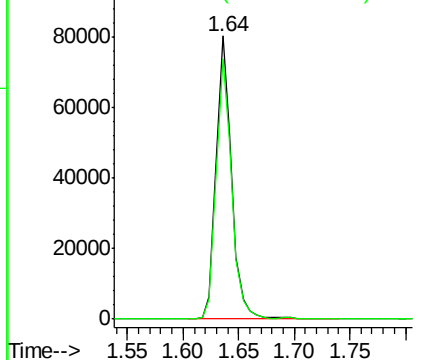
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.12 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002864.D

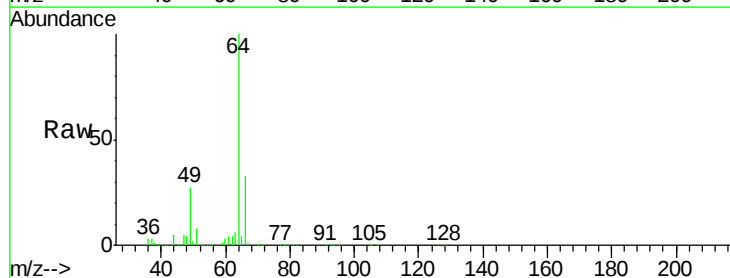
Acq: 25 Jun 2018 17:11

Tgt Ion: 64 Resp: 96738

Ion Ratio Lower Upper

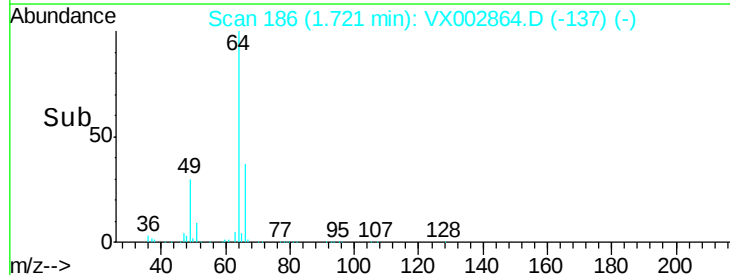
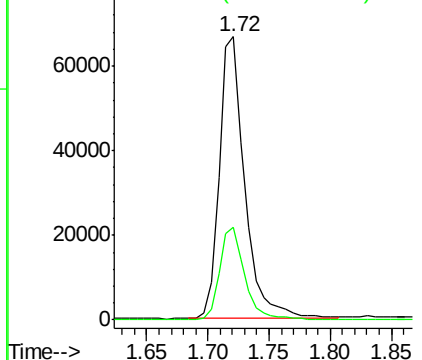
64 100

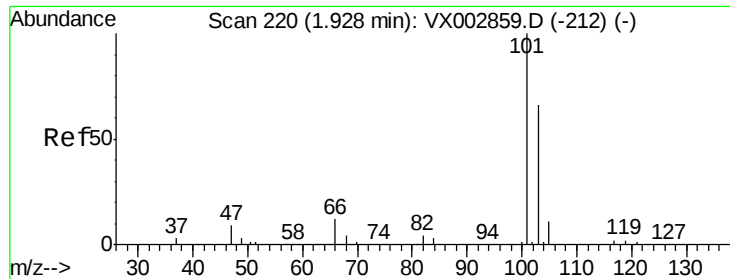
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

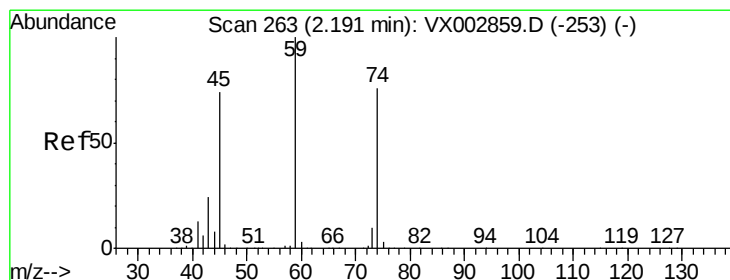
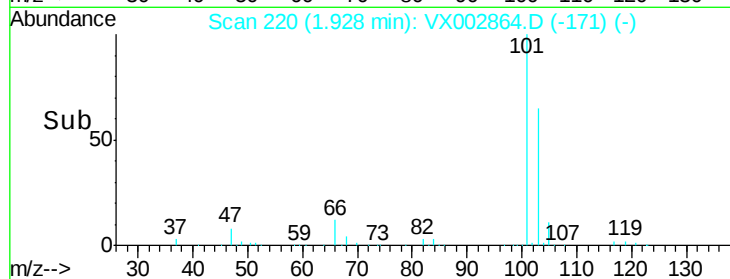
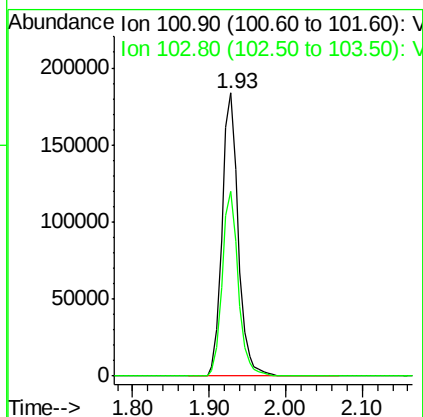
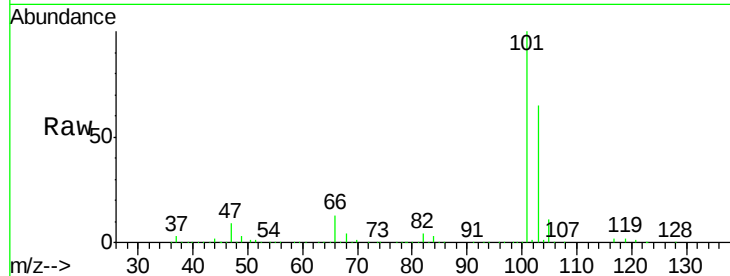
Trichlorofluoromethane
Concen: 46.41 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		267821		
103	65.1	52.8	79.2		

Manual Integrations
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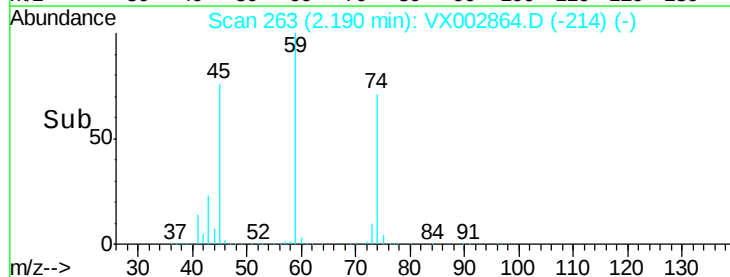
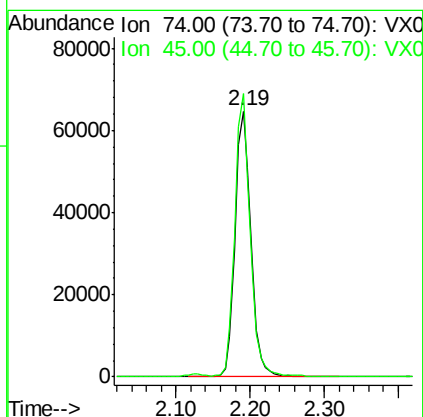
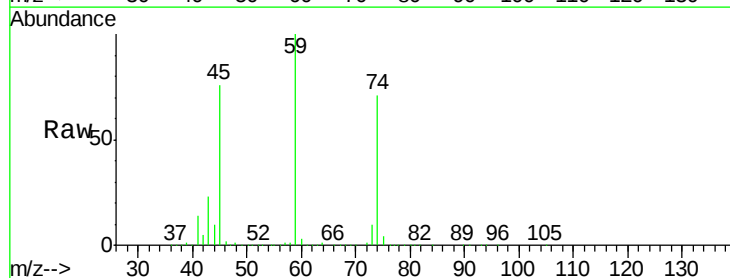
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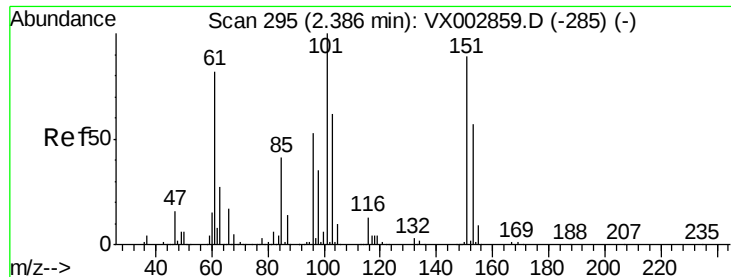


#8

Diethyl Ether
Concen: 46.07 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		96635		
45	102.9	53.1	159.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.38 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

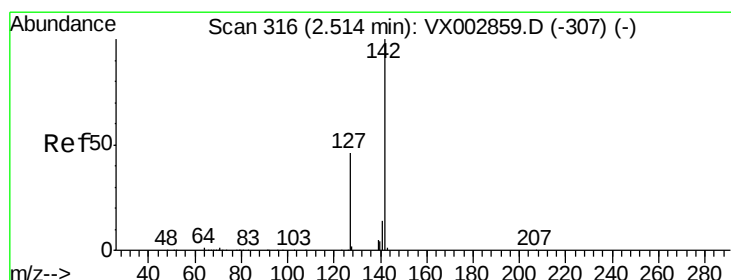
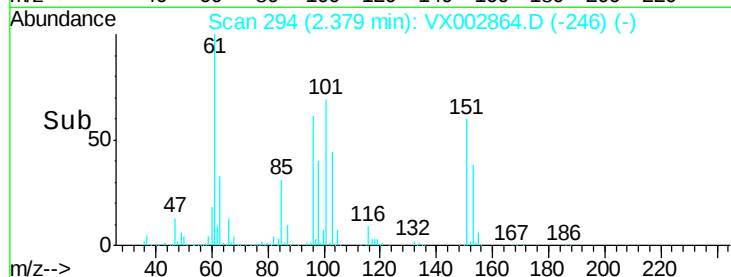
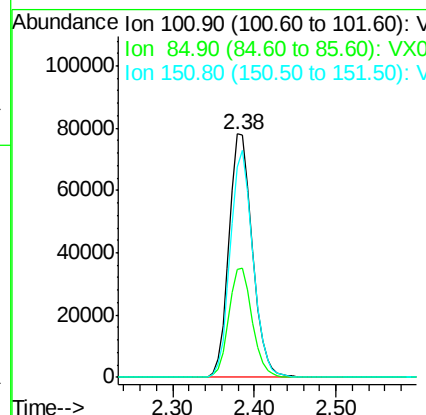
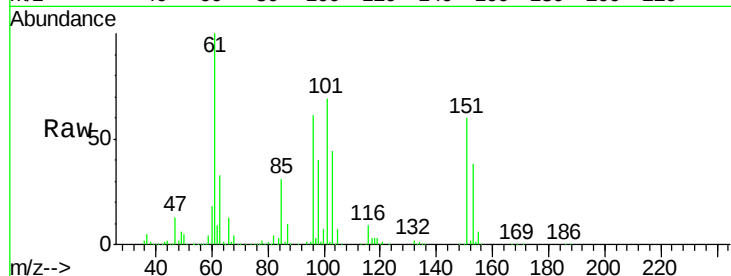
ClientSampleId :

ICVVX062518

Tot Ion:	101	Resp:	155061
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	90.0	70.9	106.3

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#10

Methyl Iodide

Concen: 47.04 ug/l

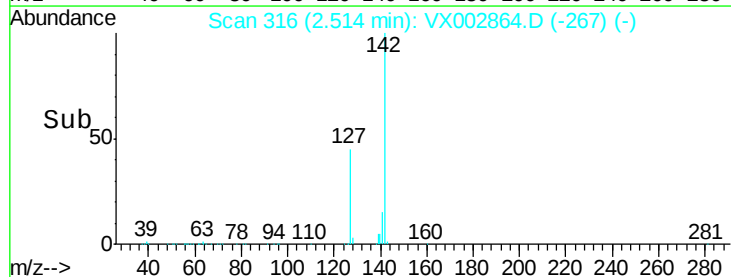
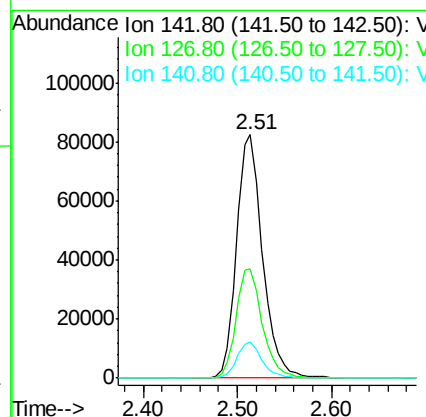
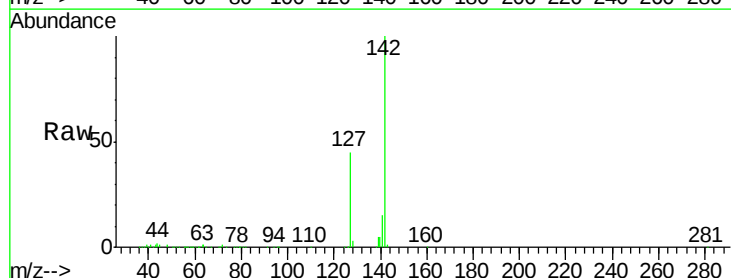
RT: 2.51 min Scan# 316

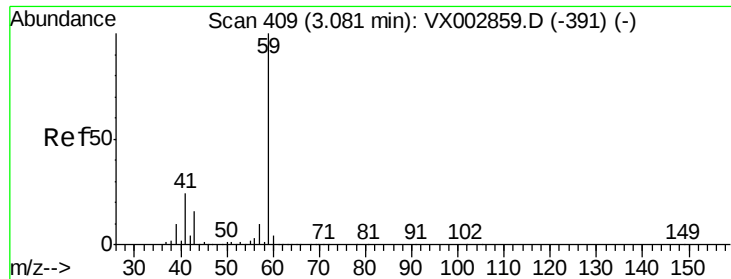
Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion:	142	Resp:	158073
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.6	55.0
141	14.5	11.3	16.9





#11

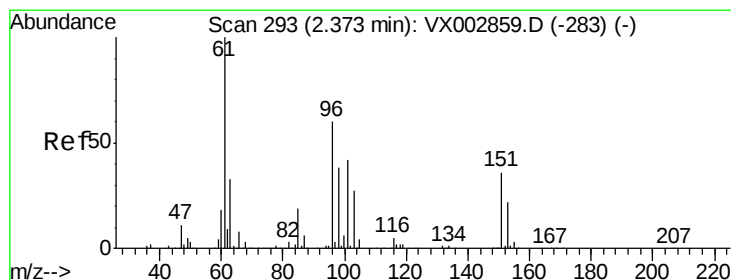
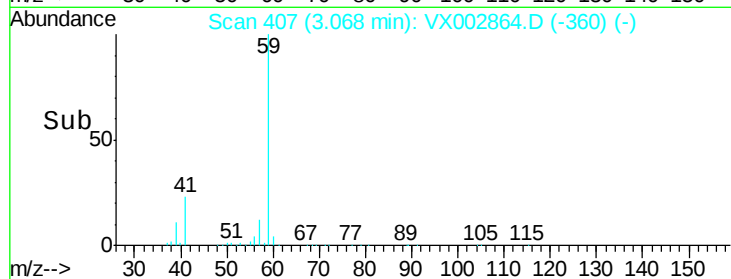
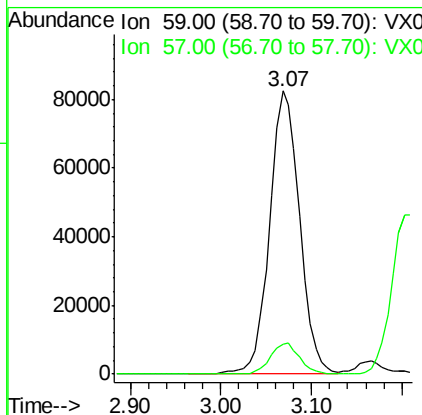
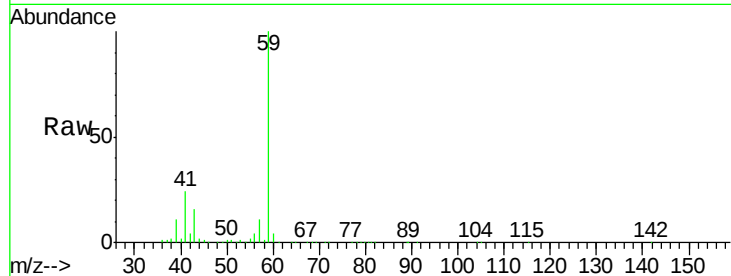
Tert butyl alcohol
 Concen: 226.64 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

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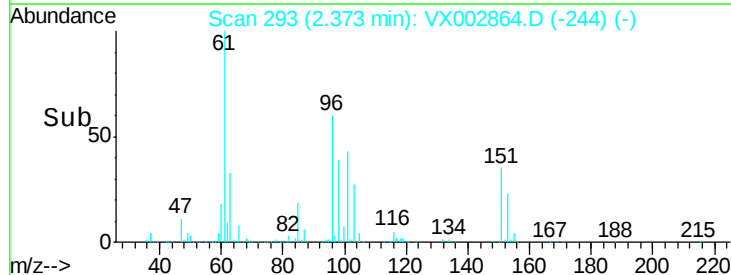
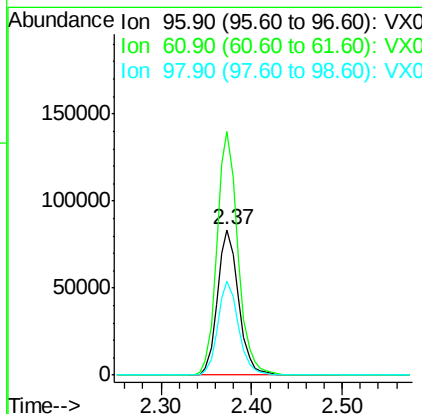
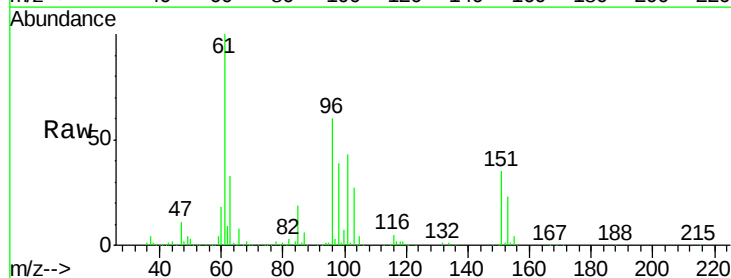
MMDadoda
 6/28/2018 2:26:28 PM

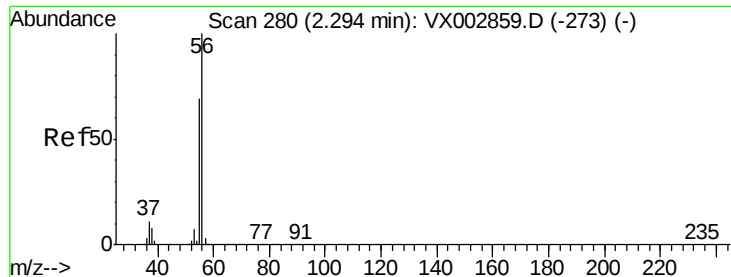


#12

1,1-Dichloroethene
 Concen: 45.48 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	137.9	206.9
98	64.7	51.6	77.4





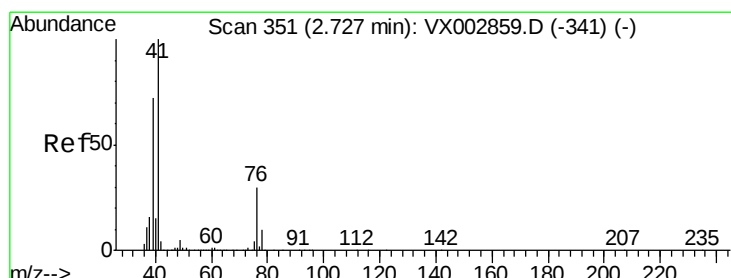
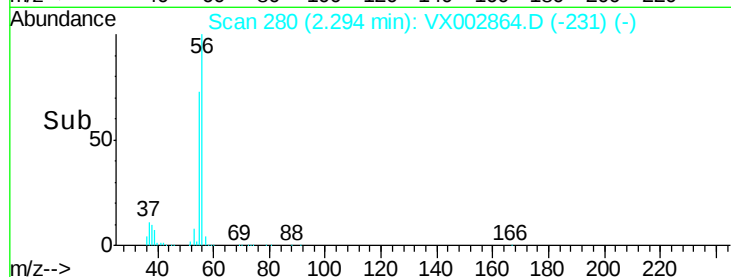
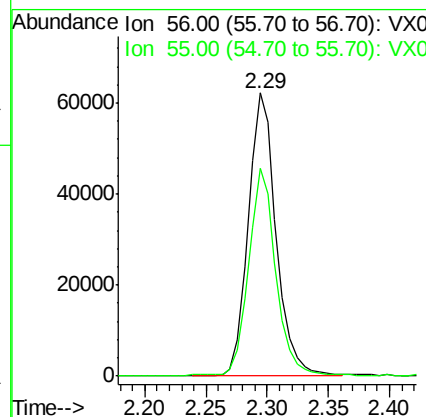
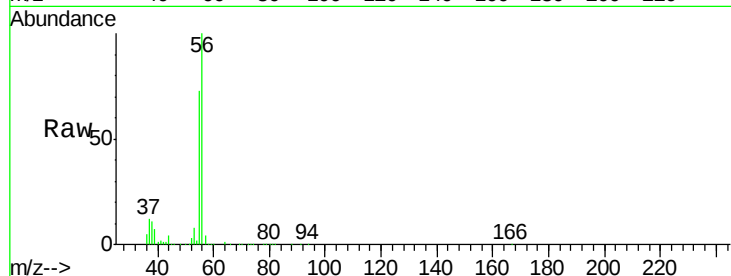
#13
Acrolein
Concen: 213.50 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	56	Resp	98294
Ion Ratio	100	Lower	Upper
55	71.9	57.0	85.4

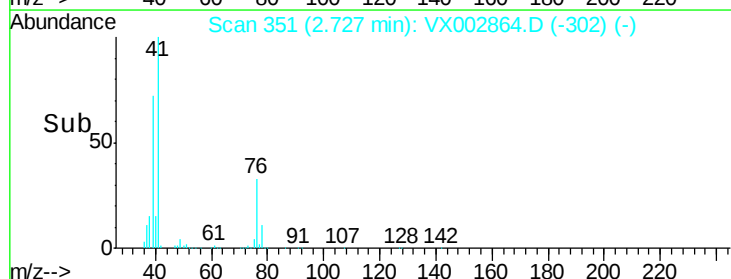
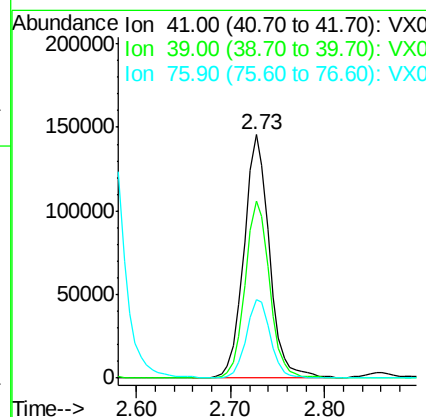
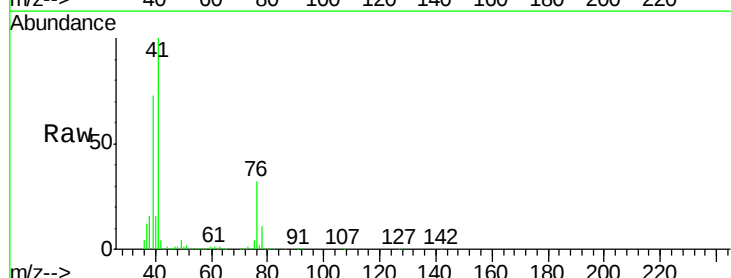
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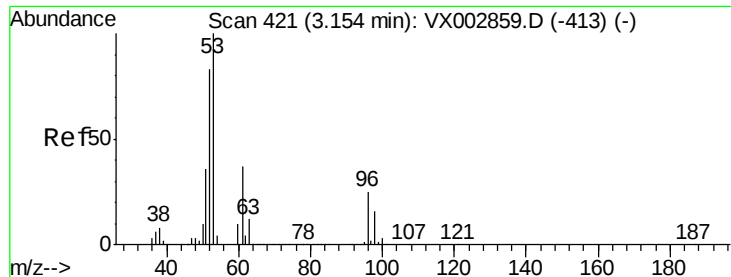
MMDadoda
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#14
Allyl chloride
Concen: 46.50 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	41	Resp	273476
Ion Ratio	100	Lower	Upper
39	70.1	56.8	85.2
76	30.9	23.8	35.8





#15

Acrylonitrile

Concen: 227.53 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

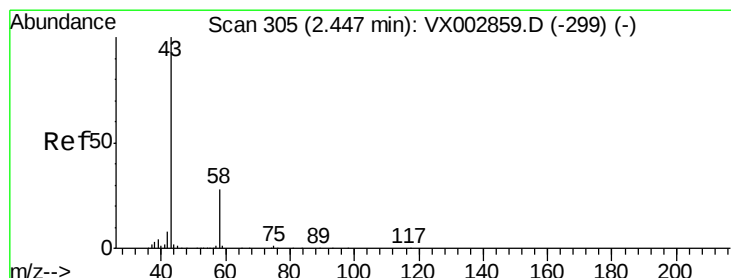
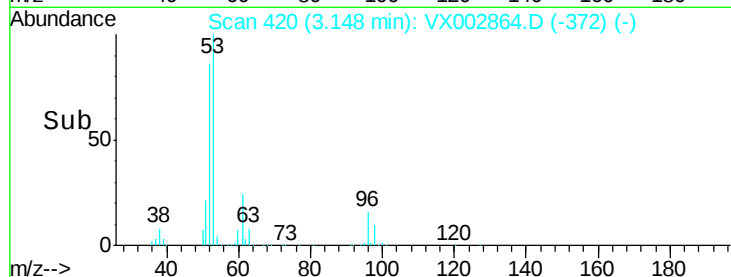
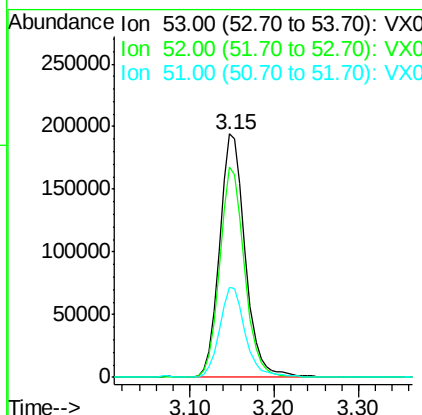
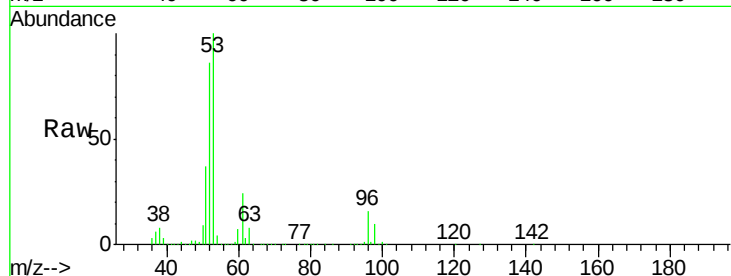
ClientSampleId :

ICVVX062518

Tot Ion:	53	Resp:	404791
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 238.86 ug/l

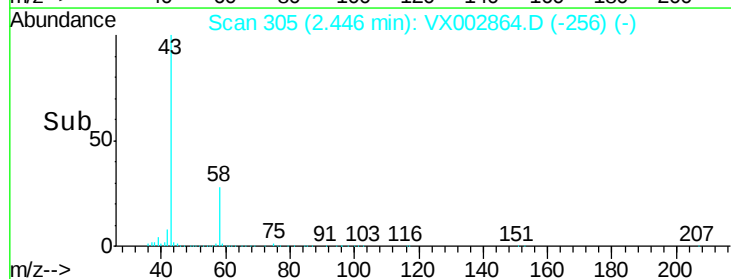
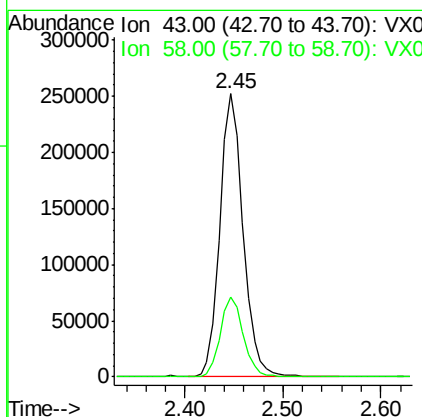
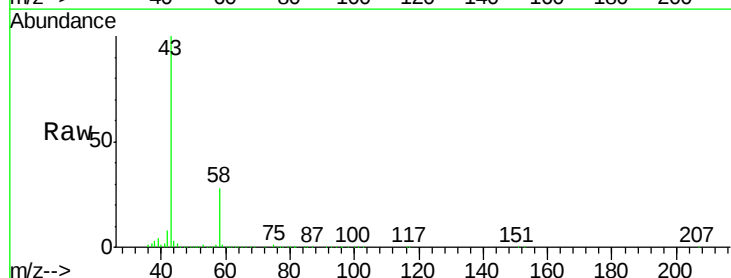
RT: 2.45 min Scan# 305

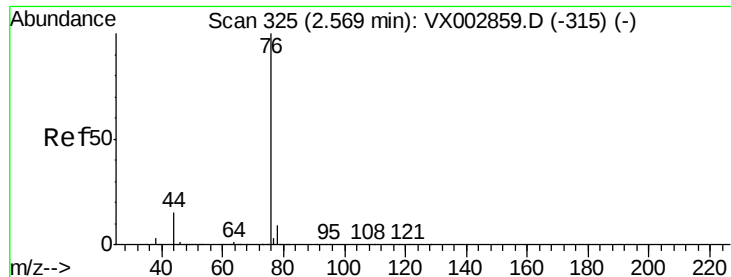
Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion:	43	Resp:	413583
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.1	33.1





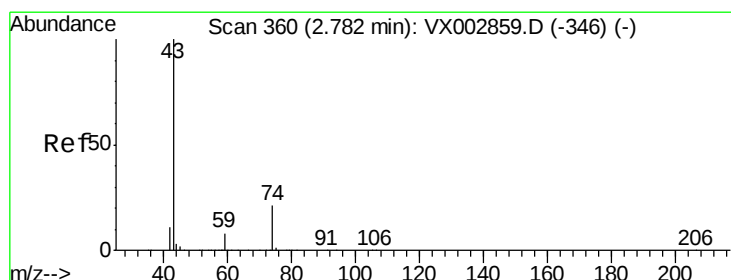
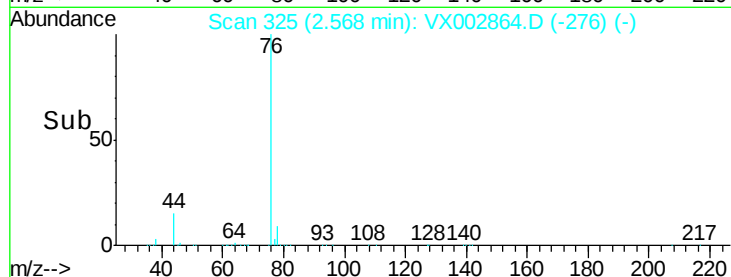
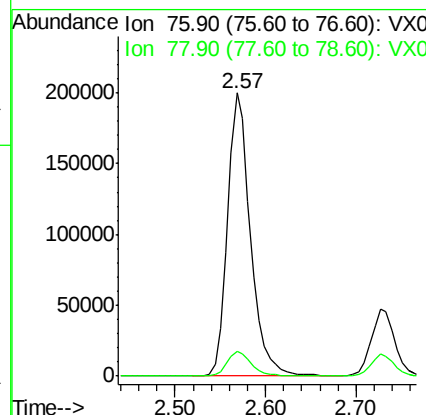
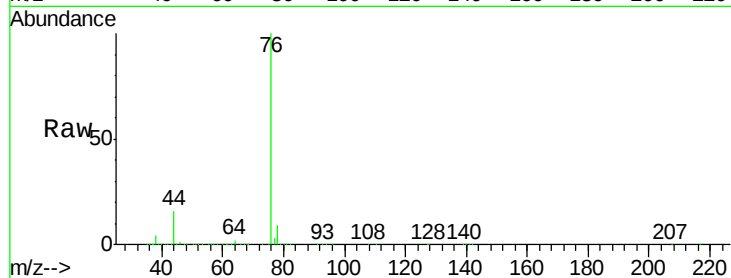
#17
Carbon Disulfide
Concen: 44.32 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Resp	Lower	Upper
76	100	352275		
78	8.9		6.9	10.3

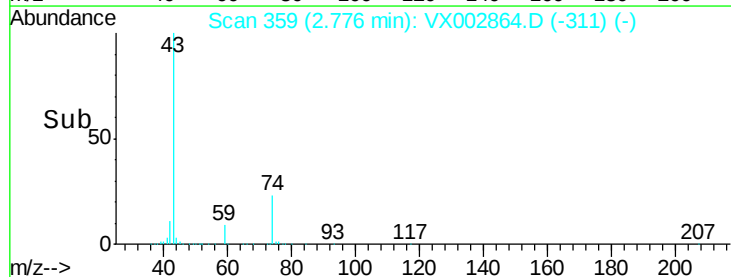
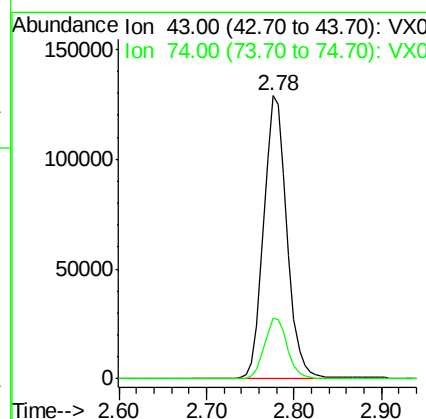
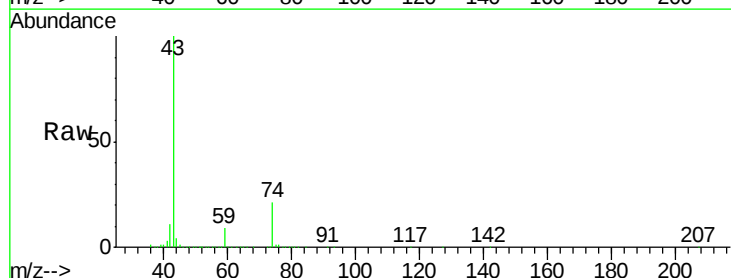
Manual Integrations
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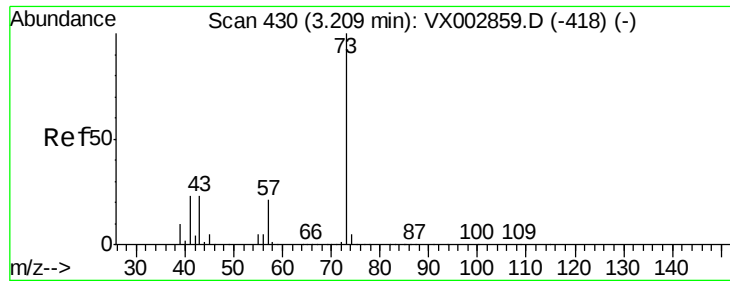
MMDadoda
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#18
Methyl Acetate
Concen: 48.88 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	236611		
74	22.0		16.7	25.1





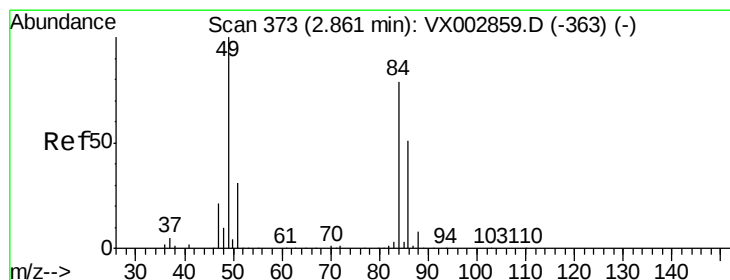
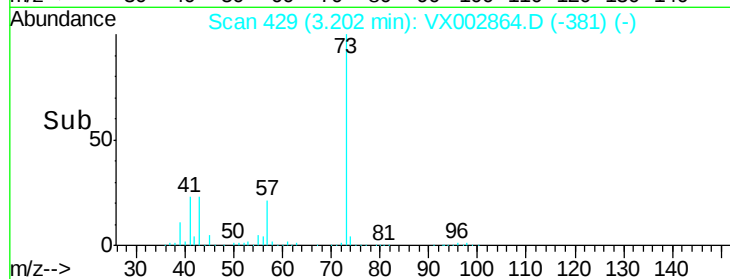
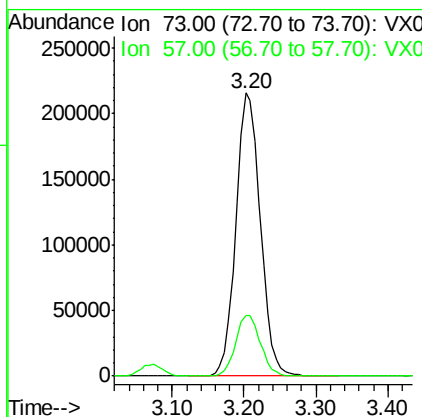
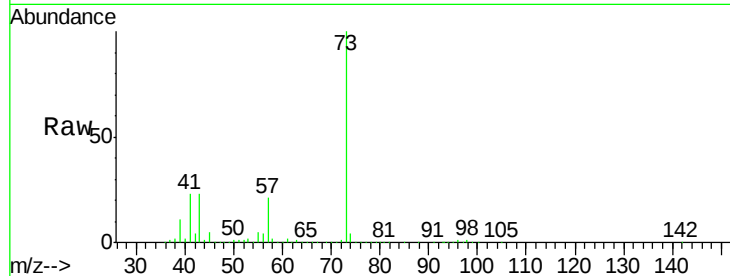
#19
Methvl tert-butvl Ether
Concen: 47.20 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

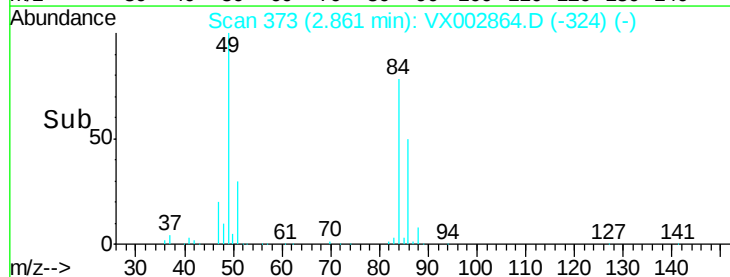
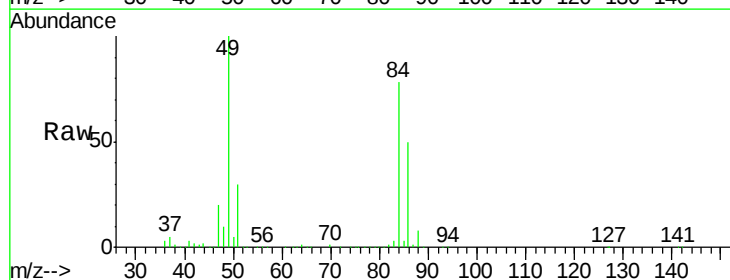
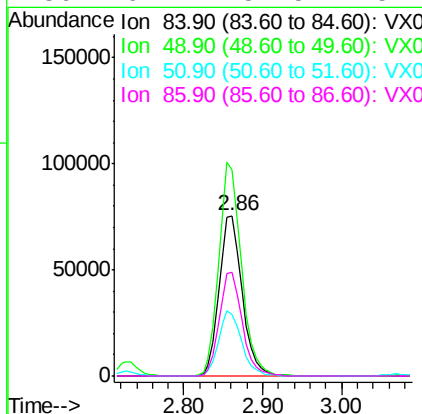
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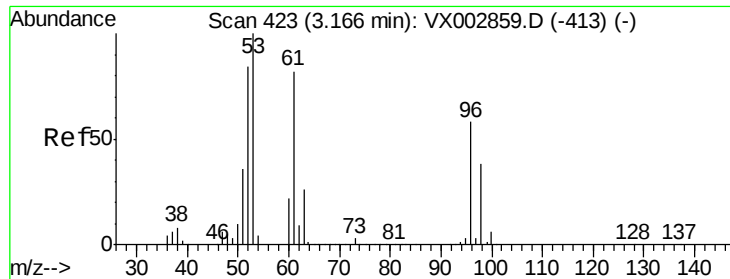
MMDadoda
6/28/2018 2:26:28 PM



#20
Methylene Chloride
Concen: 45.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.3	107.8	161.6
51	38.5	32.8	49.2
86	64.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 45.52 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 96 Resp: 147905

Ion Ratio Lower Upper

96 100

61 142.3 117.0 175.4

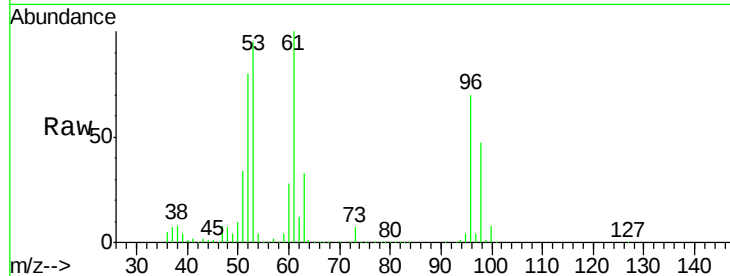
98 66.2 52.4 78.6

Manual Integrations

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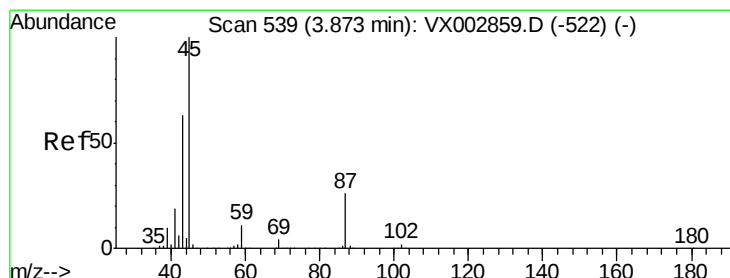
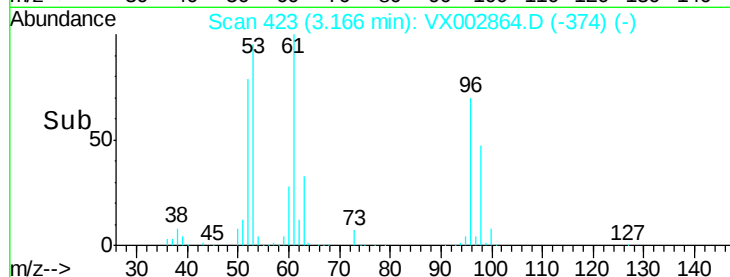
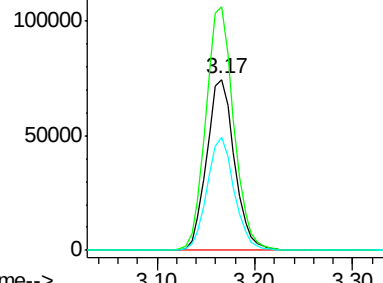
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.35 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion: 45 Resp: 532292

Ion Ratio Lower Upper

45 100

43 61.2 46.8 70.2

87 26.4 20.2 30.4

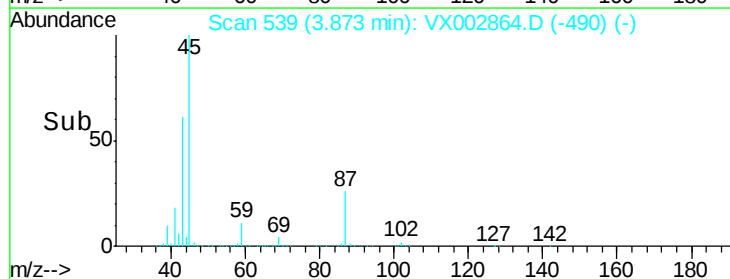
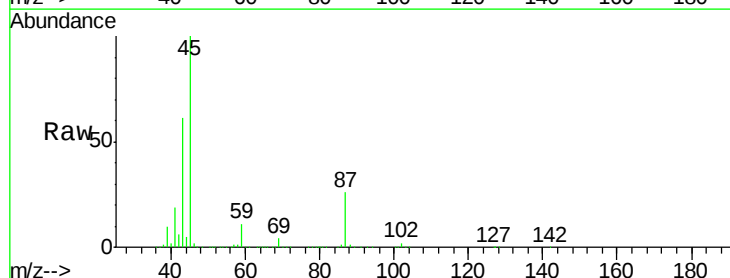
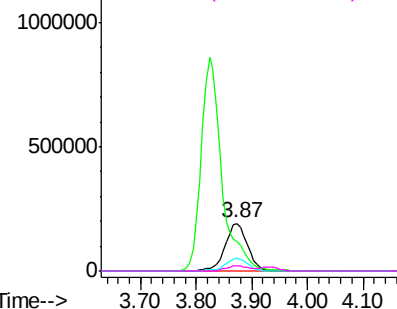
59 10.8 8.7 13.1

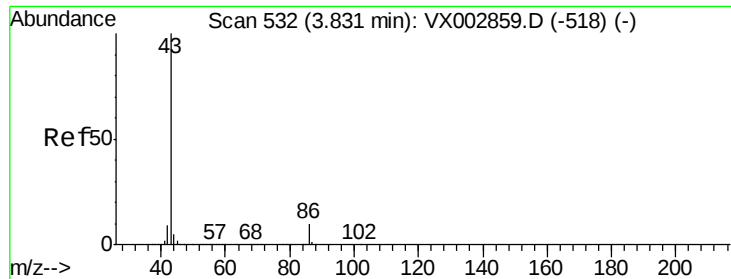
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 234.44 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 43 Resp: 2231500

Ion Ratio Lower Upper

43 100

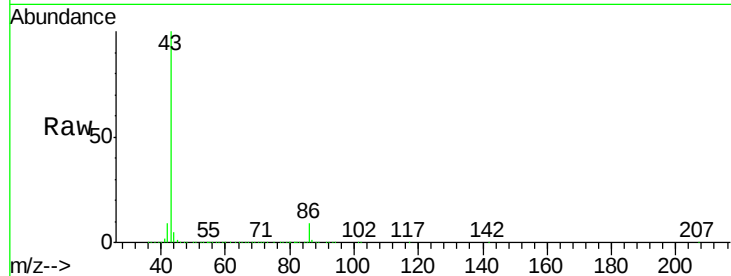
86 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

200000

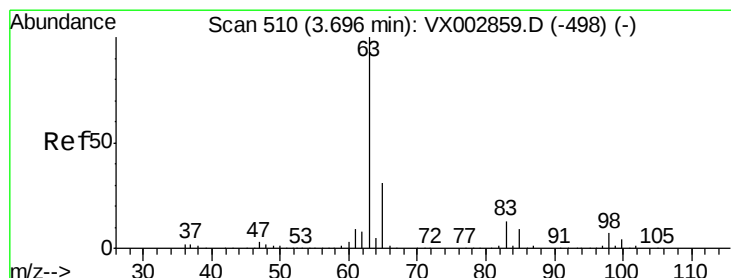
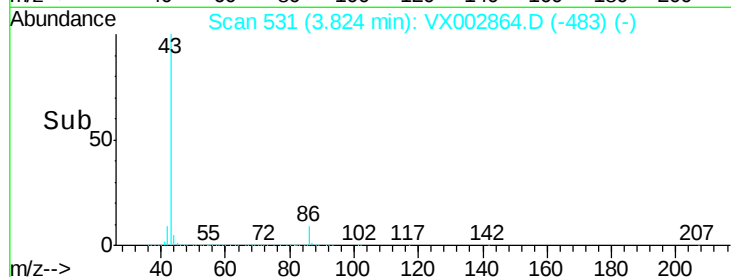
0

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.36 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

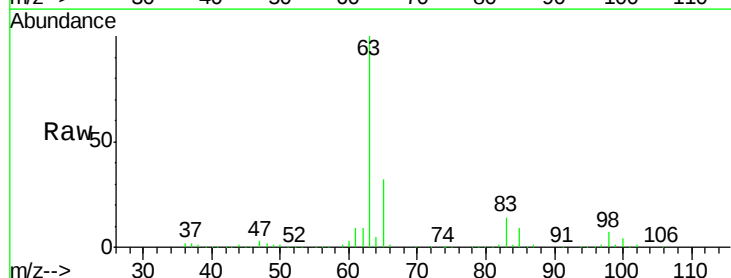
Tgt Ion: 63 Resp: 283248

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 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

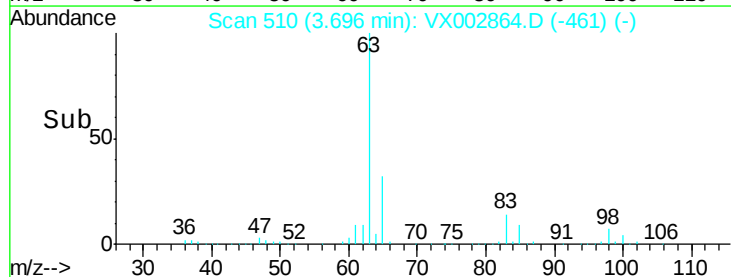
0

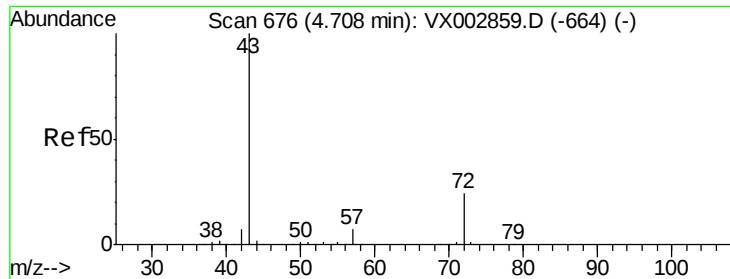
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 235.40 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 43 Resp: 604915

Ion Ratio Lower Upper

43 100

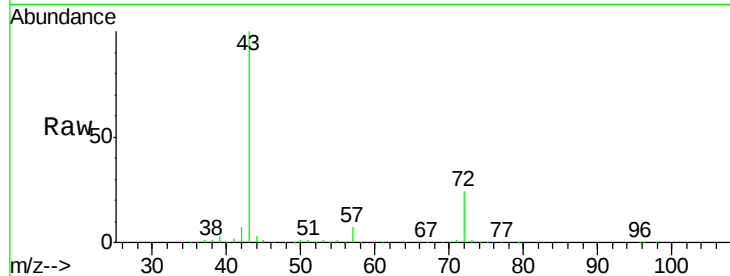
72 24.3 18.5 27.7

Manual Integrations

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MMDadoda

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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

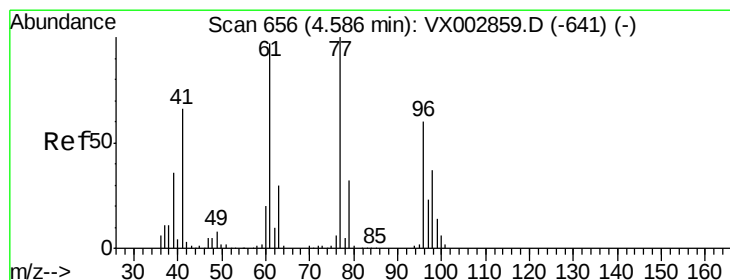
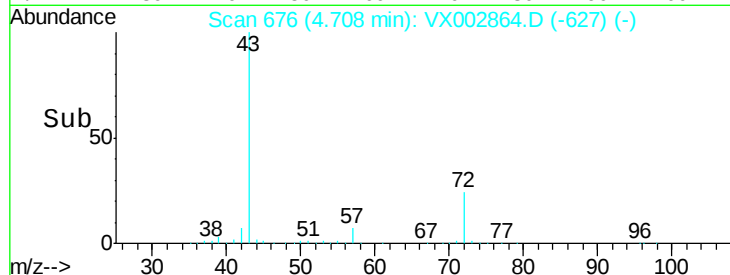
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.73 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002864.D

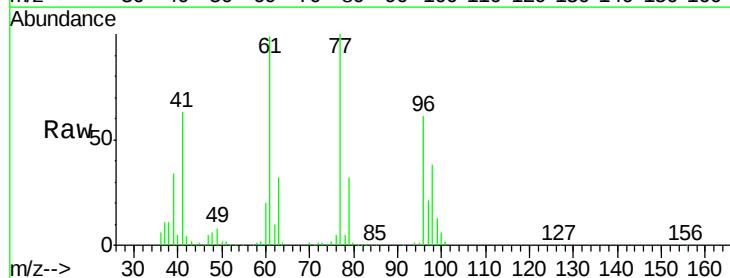
Acq: 25 Jun 2018 17:11

Tgt Ion: 77 Resp: 242087

Ion Ratio Lower Upper

77 100

97 22.2 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

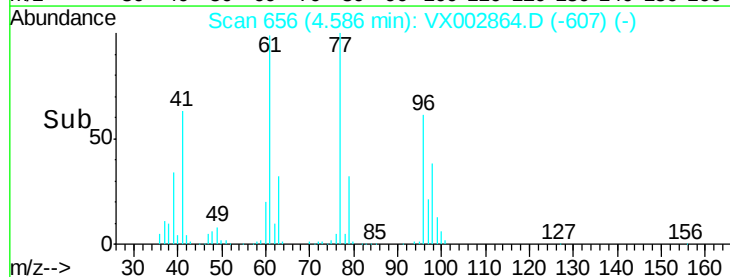
40000

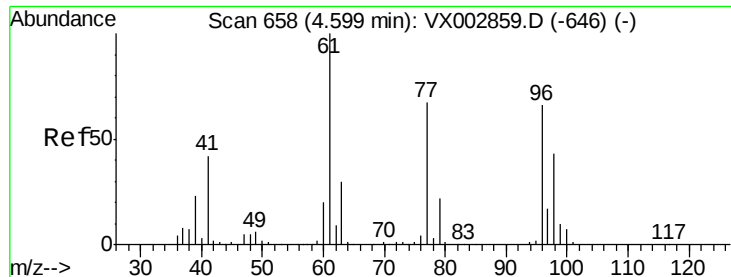
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.60 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

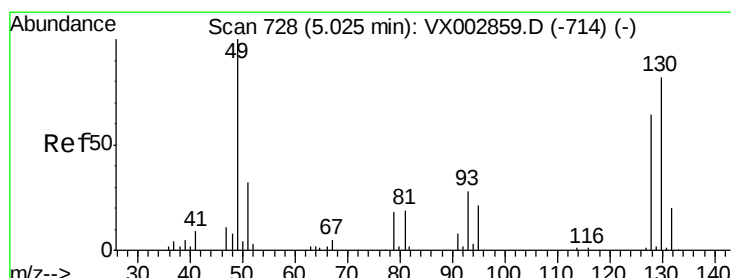
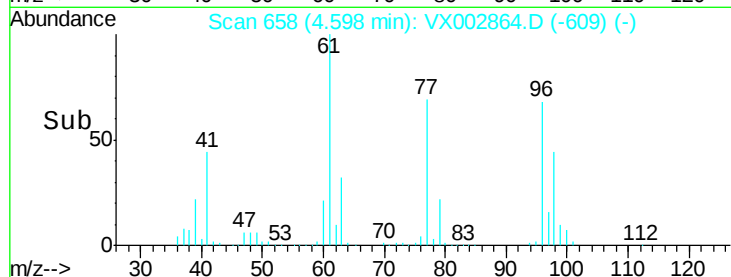
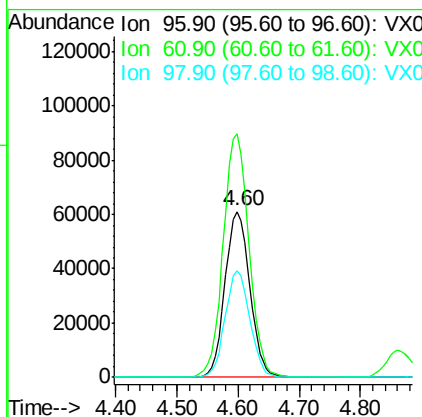
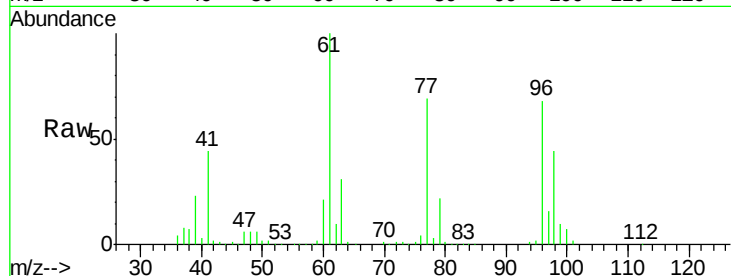
ClientSampleId :

ICVVX062518

Tot Ion:	96	Resp:	169755
Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	330.2
98	64.4	0.0	130.2

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



#28

Bromochloromethane

Concen: 49.54 ug/l

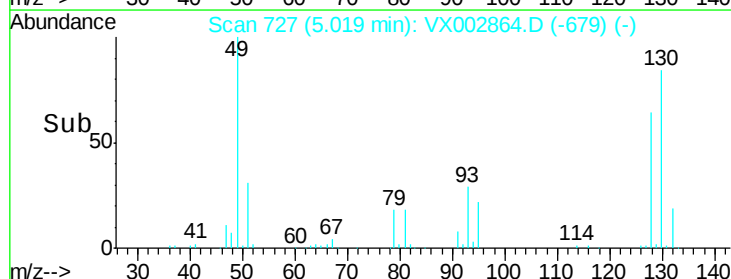
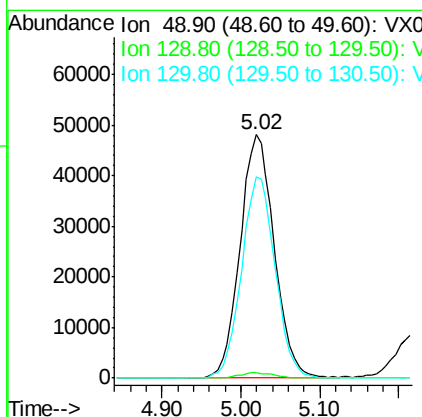
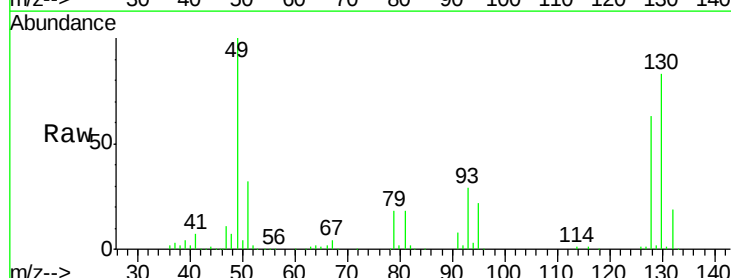
RT: 5.02 min Scan# 727

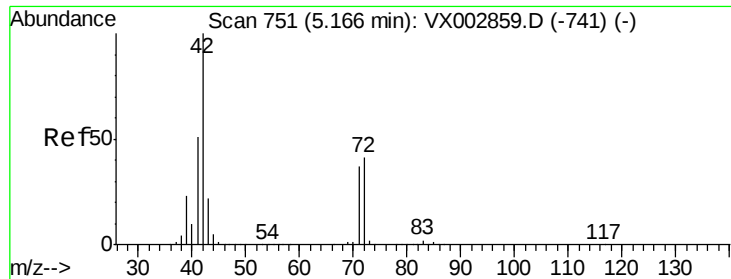
Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion:	49	Resp:	144875
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.4	61.2	91.8





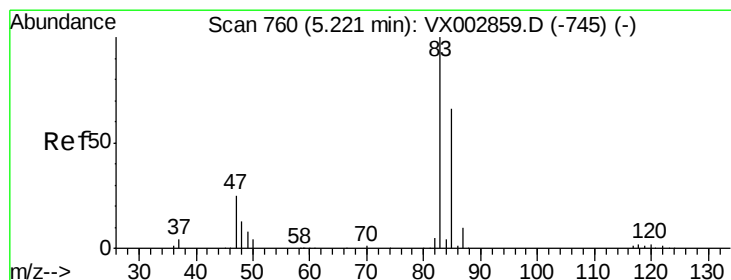
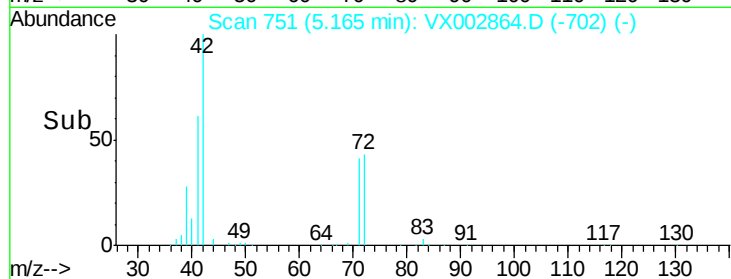
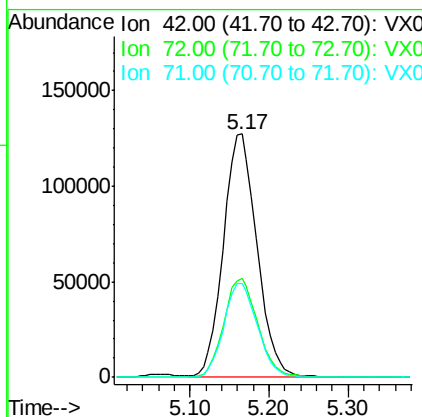
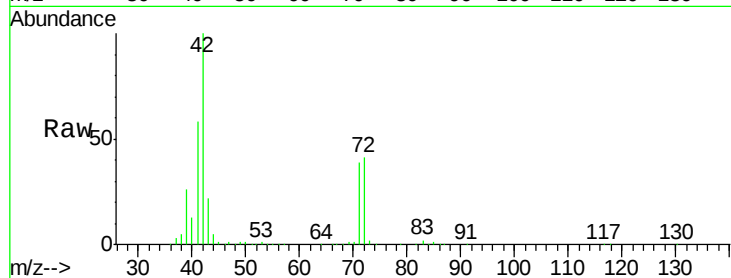
#29
Tetrahydrofuran
Concen: 228.37 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	39.0	30.1	45.1

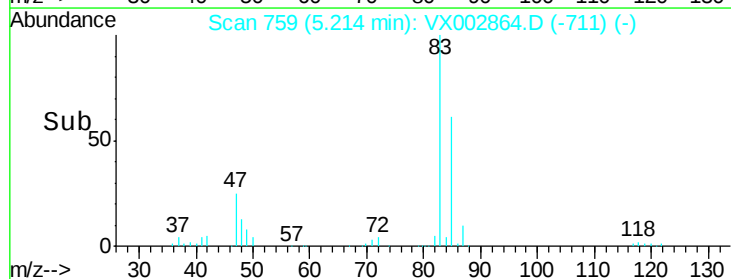
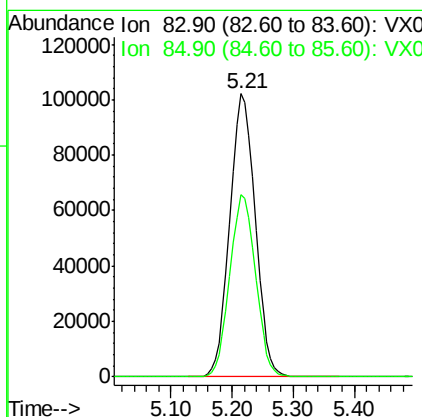
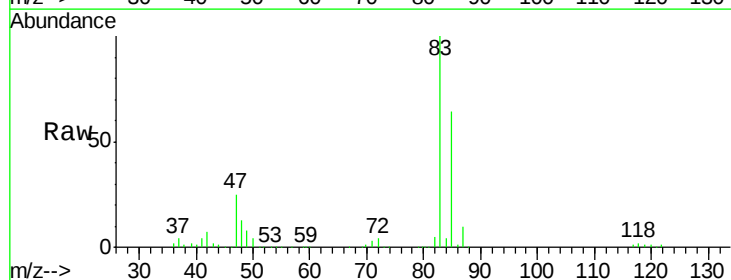
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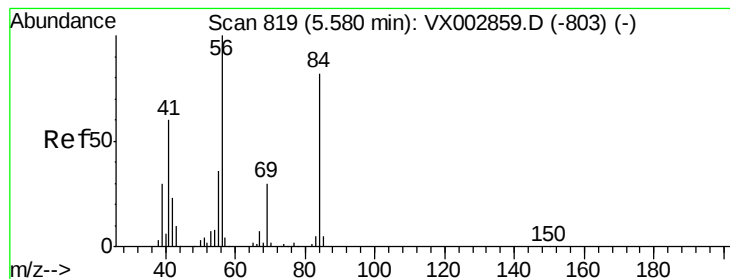
MMDadoda
6/28/2018 2:26:28 PM



#30
Chloroform
Concen: 46.79 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





#31

Cyclohexane

Concen: 47.46 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

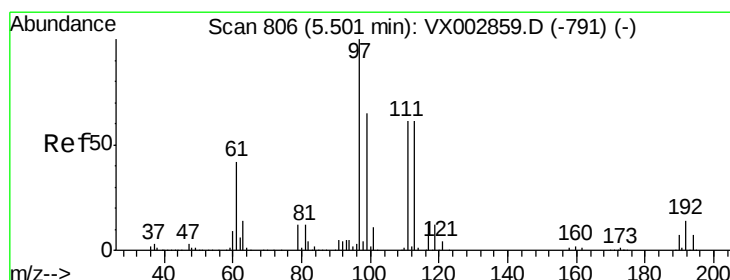
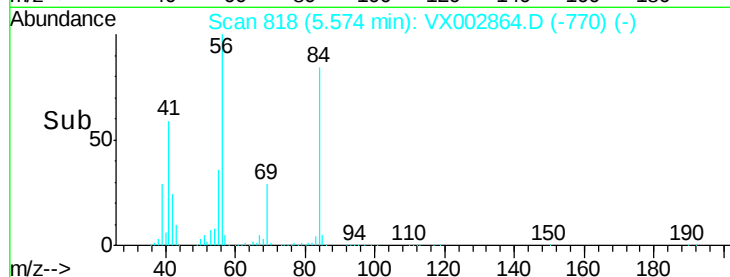
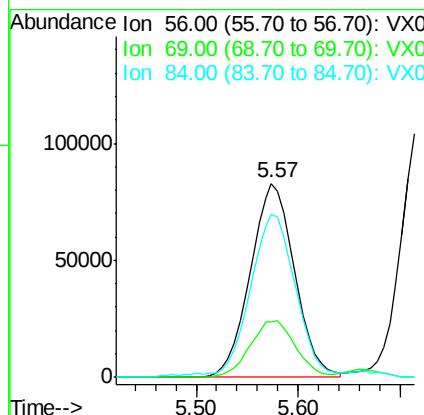
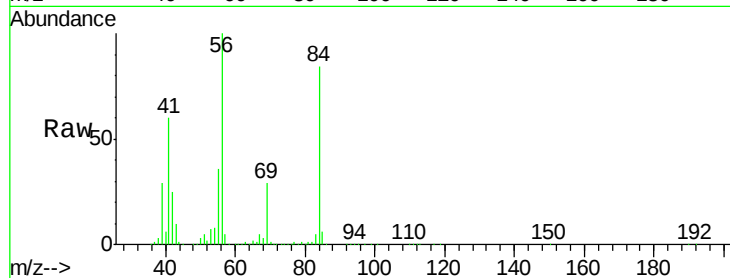
ClientSampleId :

ICVVX062518

Tot Ion:	56	Resp:	248832
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	82.5	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.92 ug/l

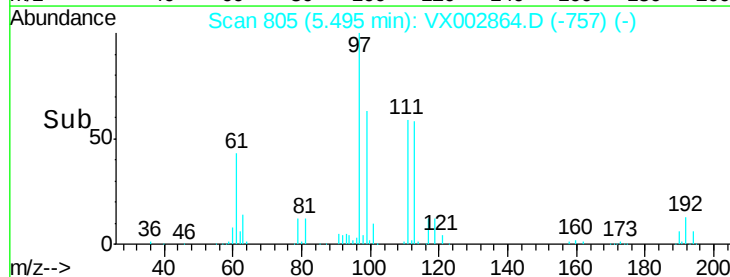
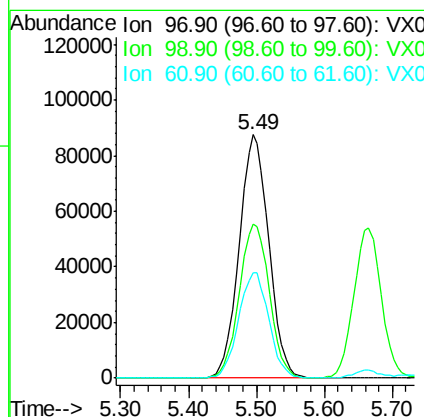
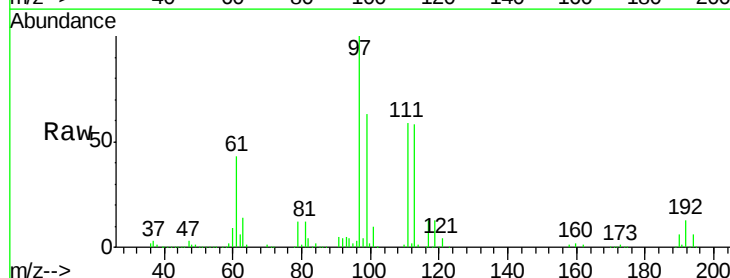
RT: 5.49 min Scan# 805

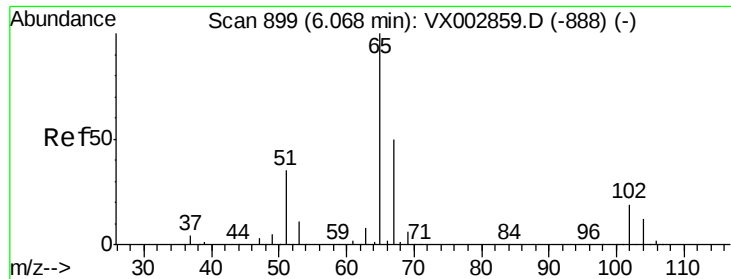
Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion:	97	Resp:	264383
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.4	36.4	54.6





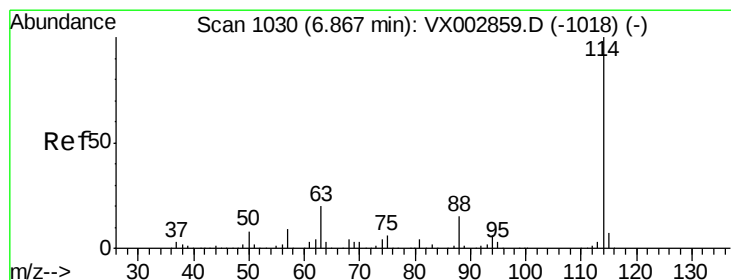
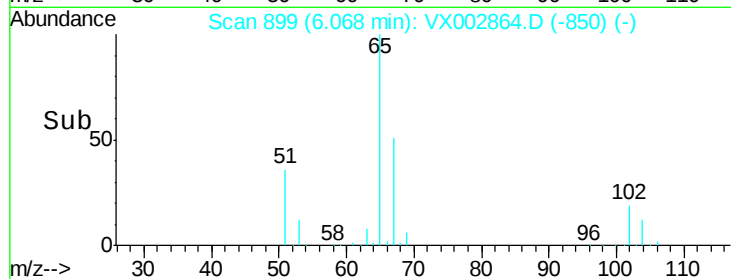
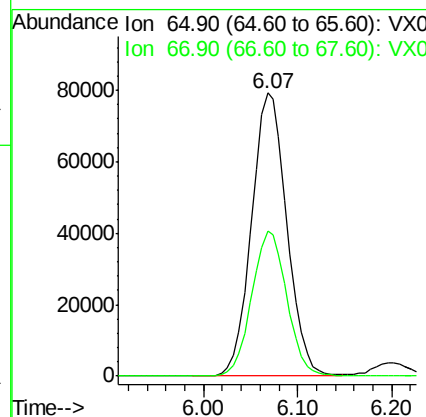
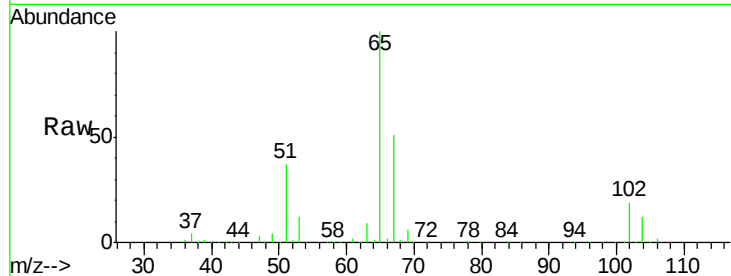
#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207960		
67	51.0	0.0	102.6	

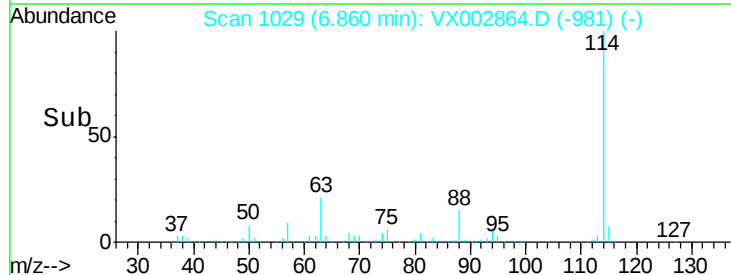
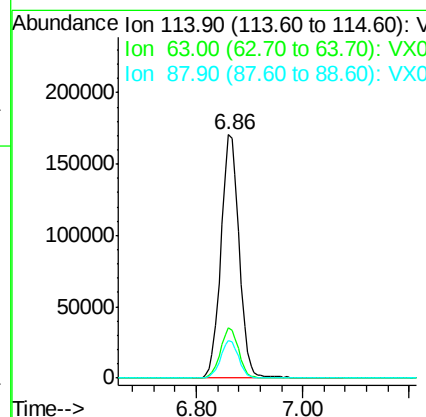
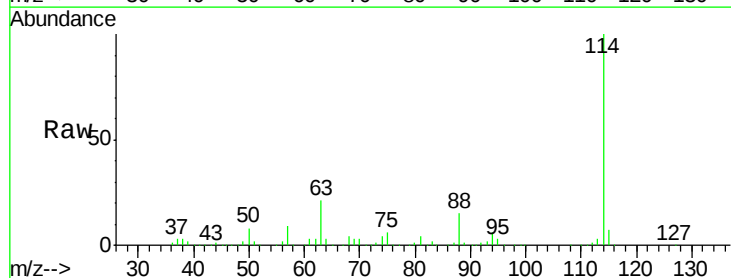
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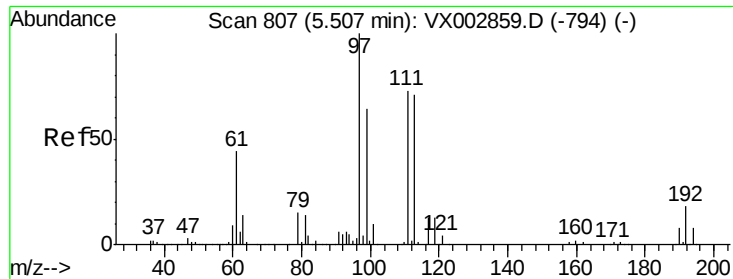
MMDadoda
 6/28/2018 2:26:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409118		
63	20.6	0.0	41.4	
88	15.3	0.0	30.0	





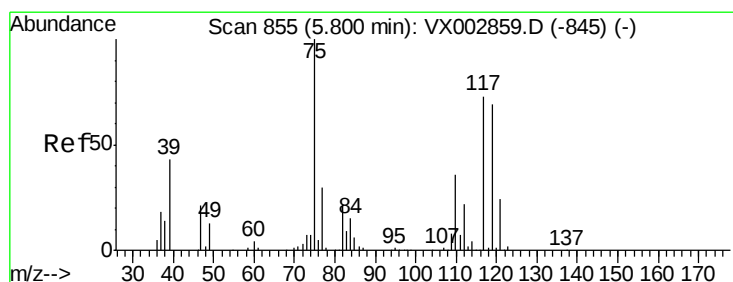
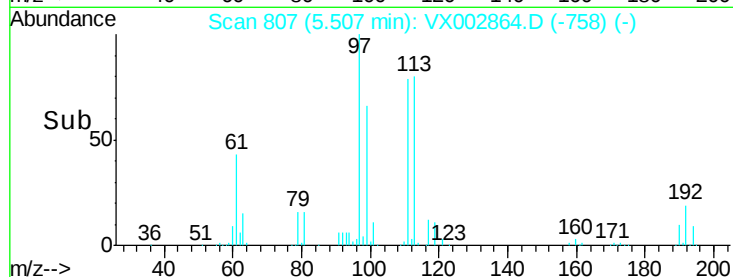
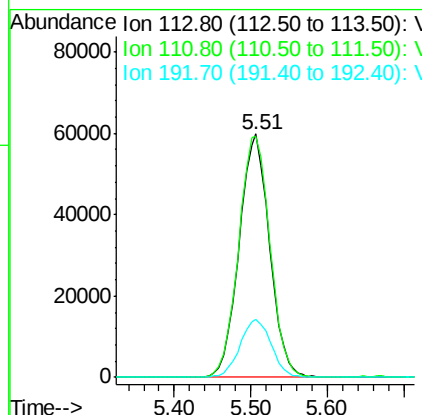
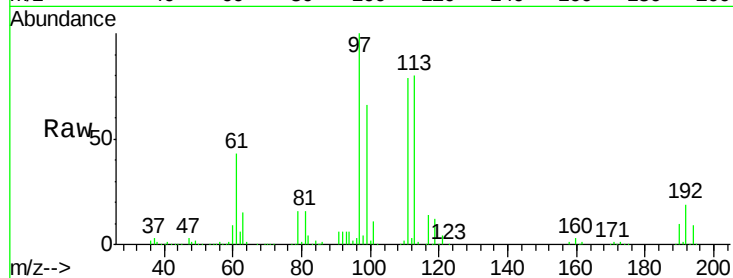
#35
Dibromofluoromethane
Concen: 50.93 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165006		
111	102.3	81.4	122.0	
192	24.4	19.1	28.7	

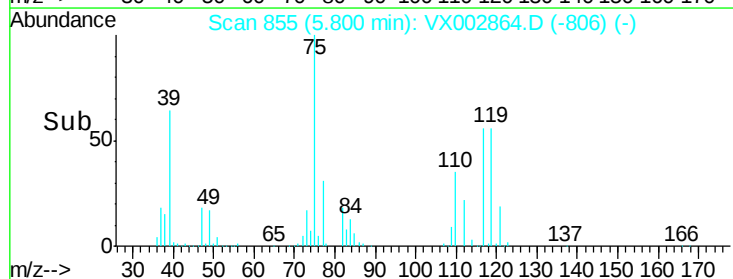
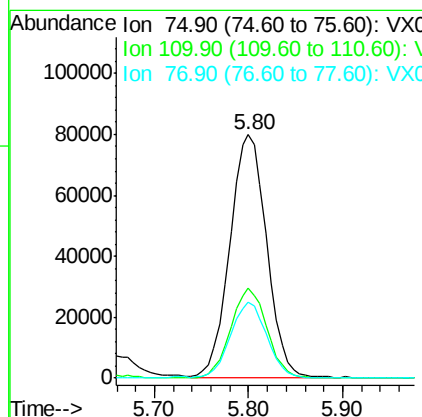
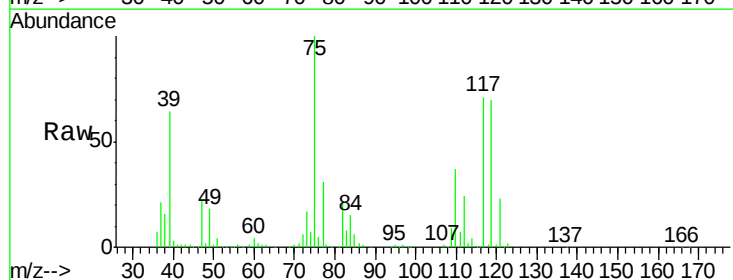
Manual Integrations
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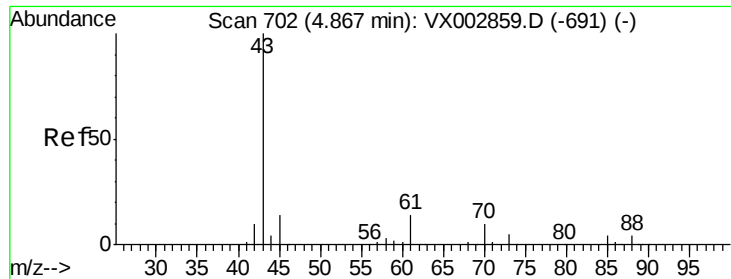
MMDadoda
6/28/2018 2:26:28 PM



#36
1,1-Dichloropropene
Concen: 48.21 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216300		
110	36.6	18.1	54.4	
77	30.8	24.3	36.5	





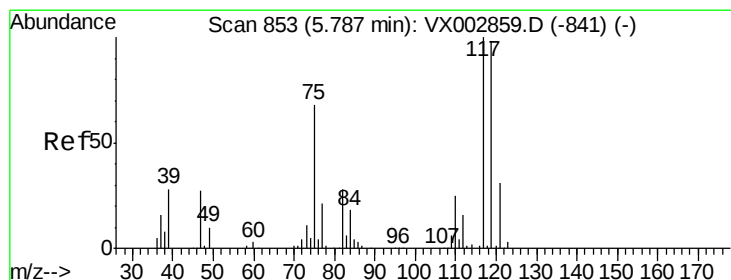
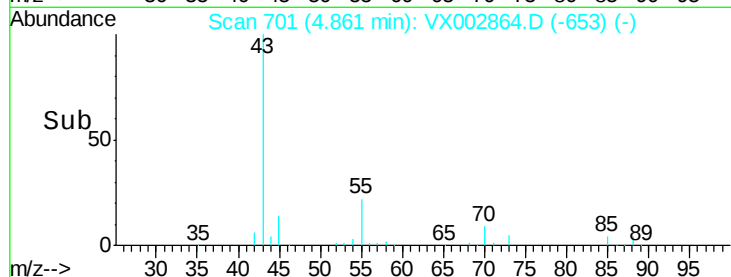
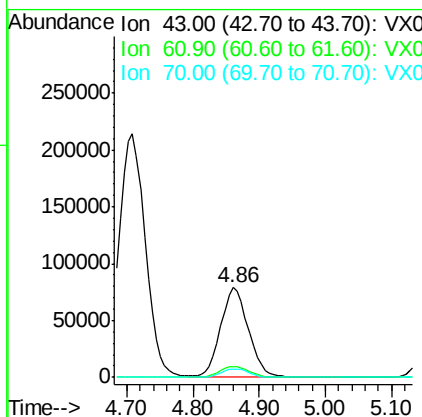
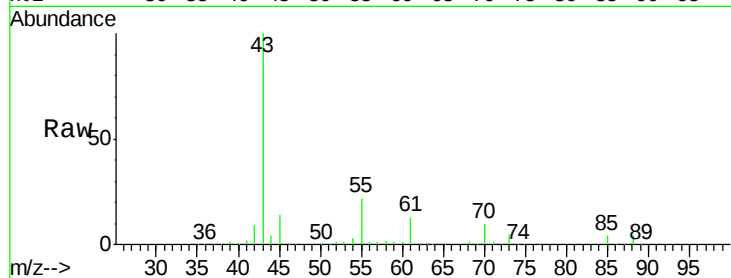
#37
Ethyl Acetate
Concen: 47.65 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	9.7	7.6	11.4

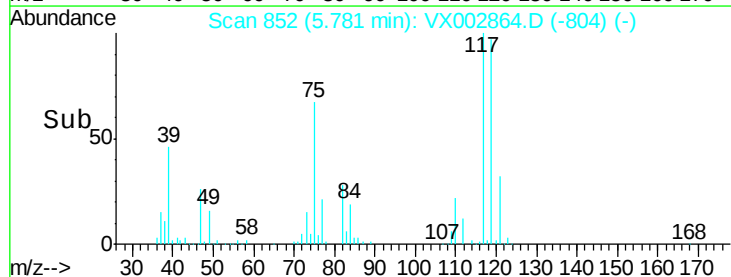
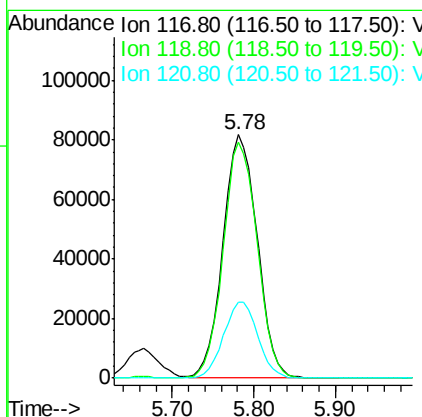
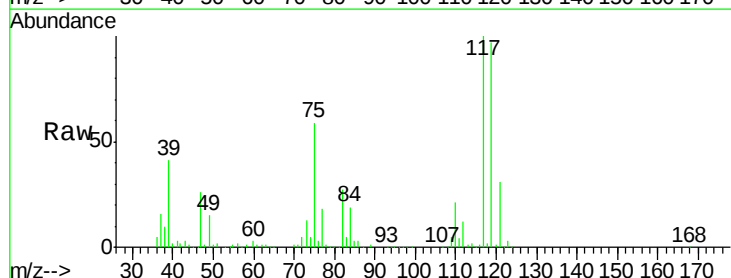
Manual Integrations
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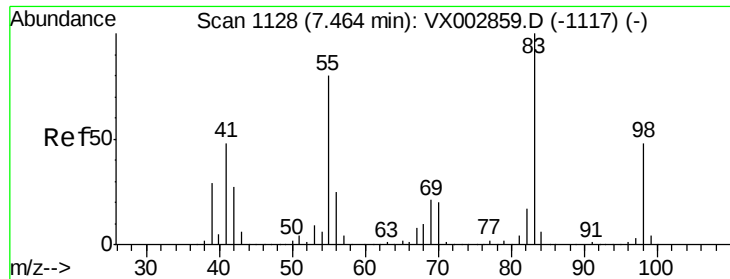
MMDadoda
6/28/2018 2:26:28 PM



#38
Carbon Tetrachloride
Concen: 48.24 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	31.4	24.4	36.6





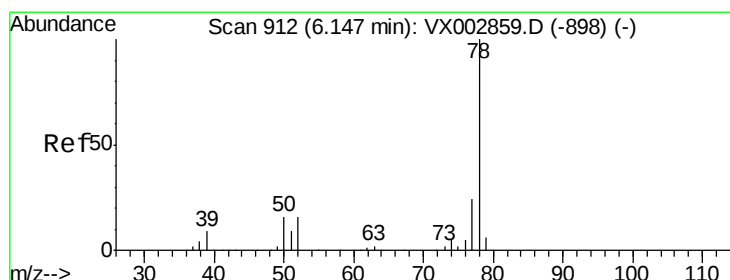
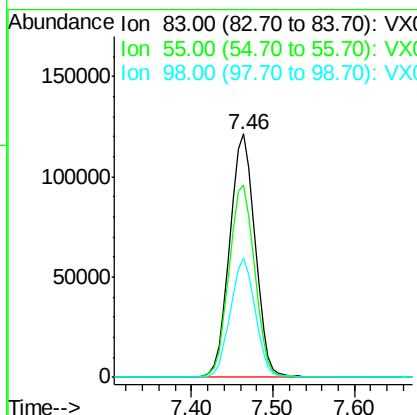
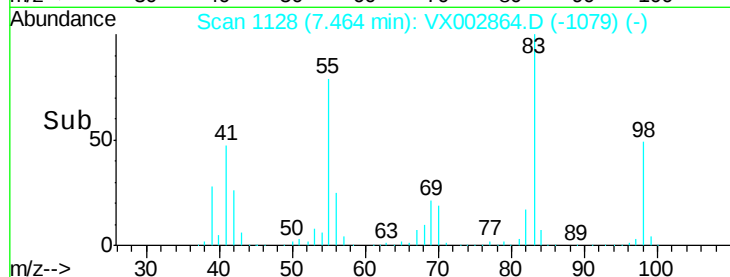
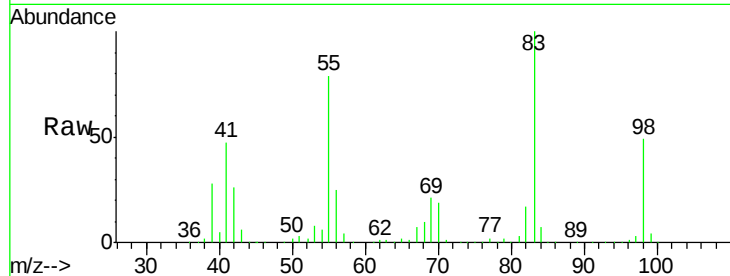
#39
Methvlcvclohexane
Concen: 49.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Resp	Lower	Upper
83	100	260203		
55	79.1		65.4	98.0
98	49.0		37.4	56.0

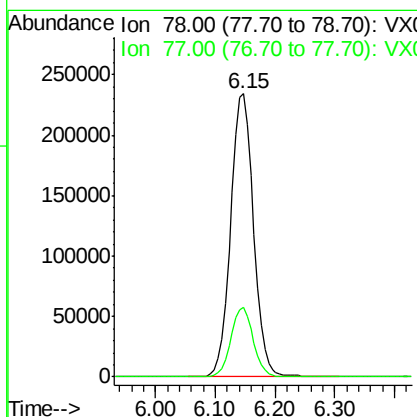
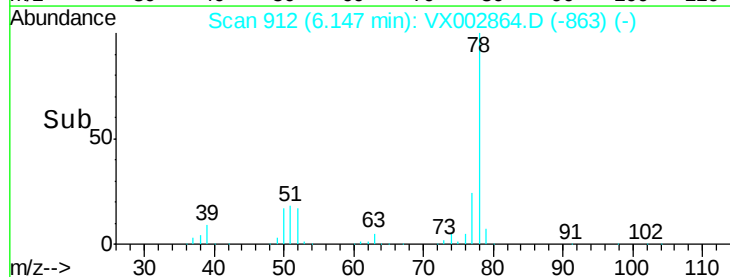
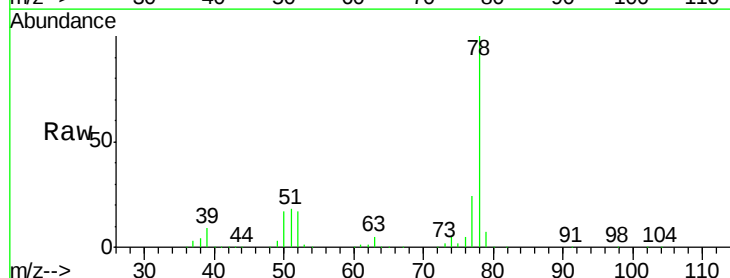
Manual Integrations
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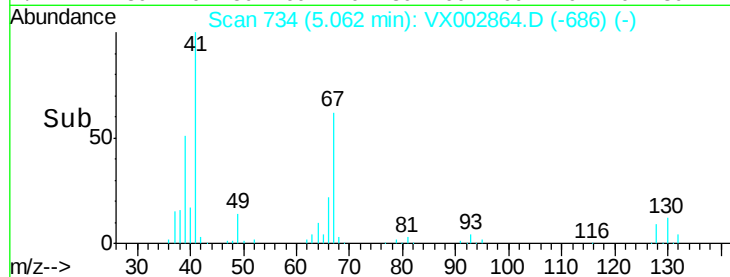
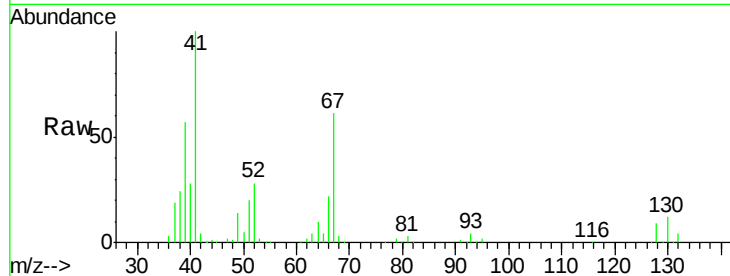
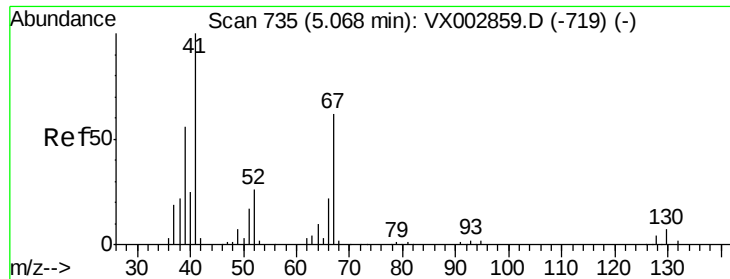
MMDadoda
6/28/2018 2:26:28 PM



#40
Benzene
Concen: 47.92 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	624652		
77	24.5		19.1	28.7





#41

Methacrylonitrile

Concen: 47.42 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.1	45.8	68.6		
67	65.5	51.3	76.9		
52	28.8	23.0	34.6		

Instrument :

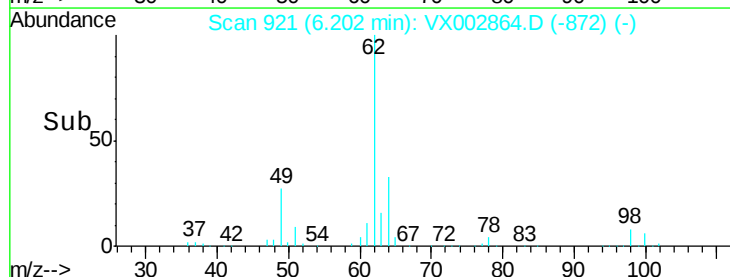
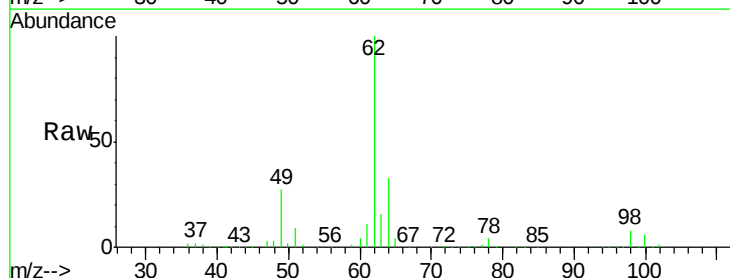
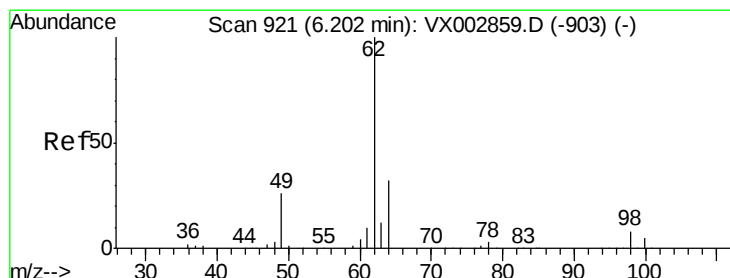
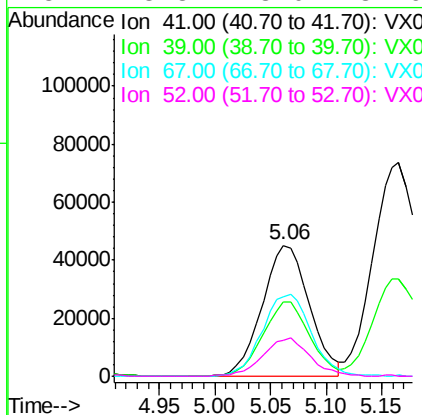
MSVOA_X

ClientSampleId :

ICVVX062518

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MMDadoda
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#42

1,2-Dichloroethane

Concen: 46.48 ug/l

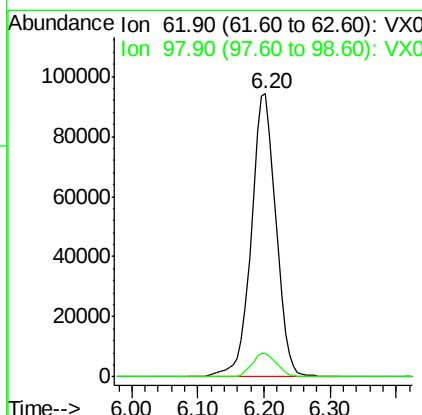
RT: 6.20 min Scan# 921

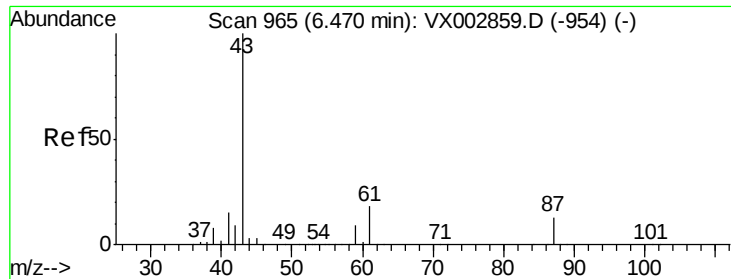
Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.4	0.0	16.6		





#43

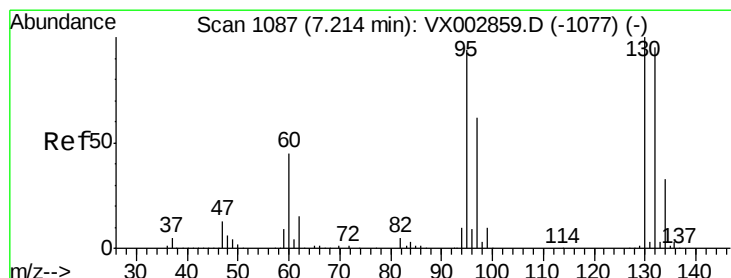
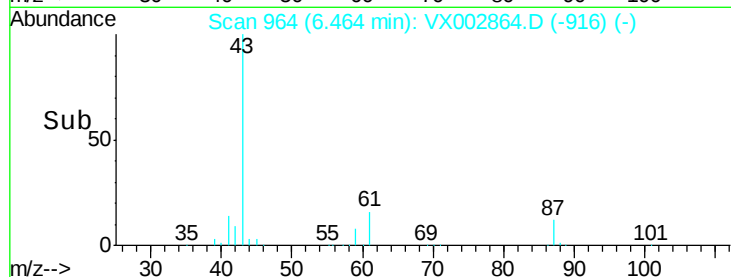
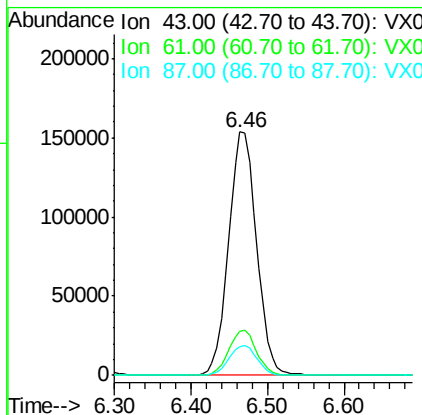
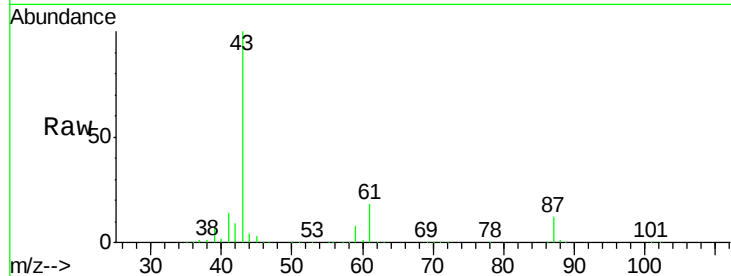
Isopropyl Acetate
 Concen: 47.70 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	12.4	9.5	14.3

Manual Integrations
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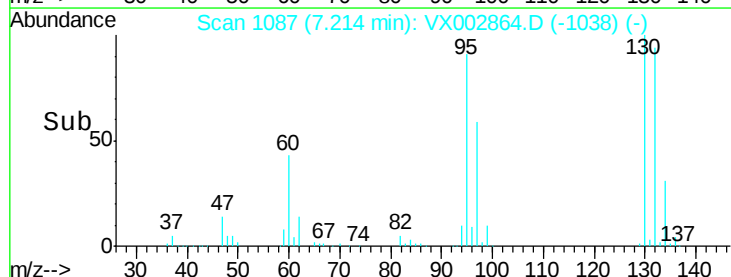
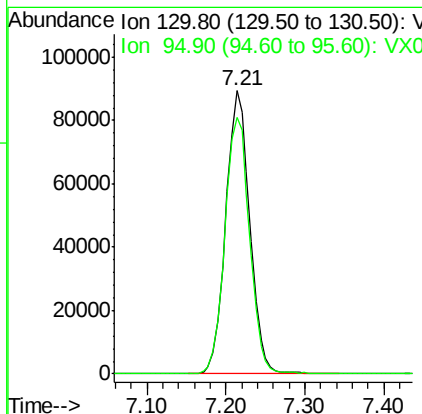
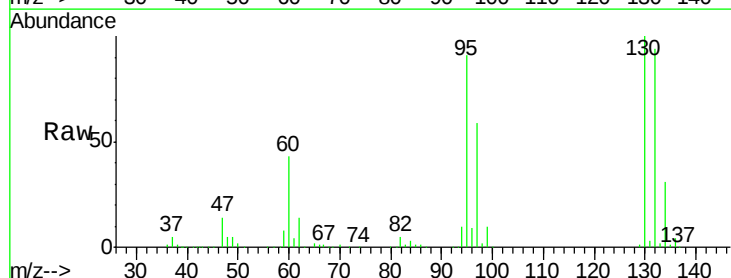
MMDadoda
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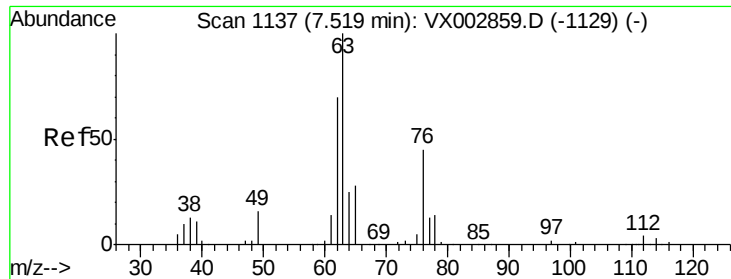


#44

Trichloroethene
 Concen: 48.64 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	185.4





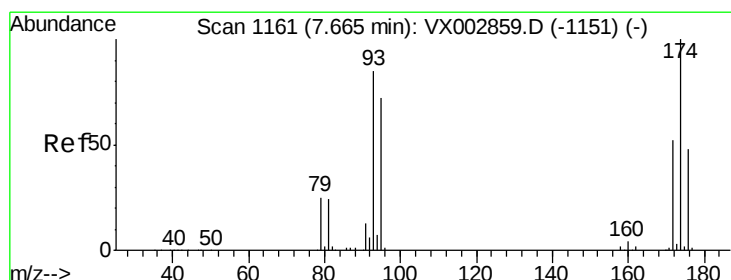
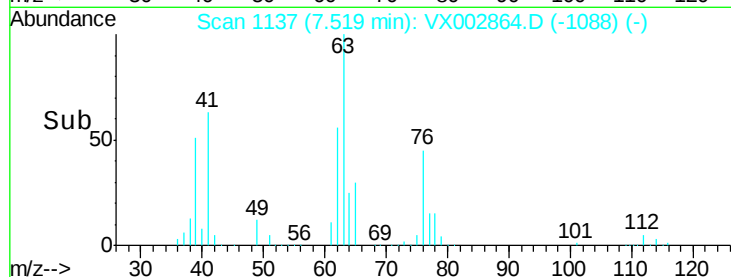
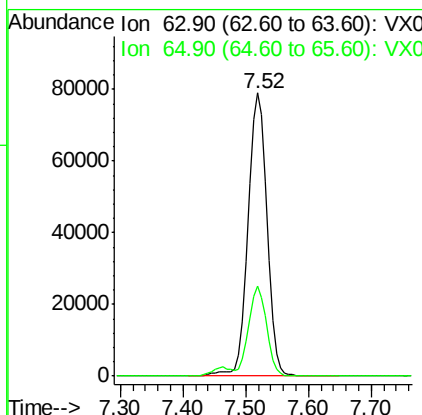
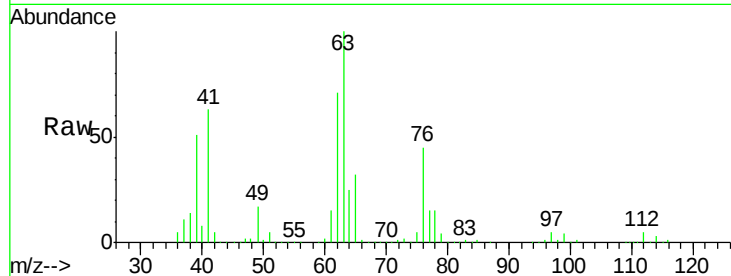
#45
 1,2-Dichloropropane
 Concen: 47.99 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion: 63 Resp: 165935
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1

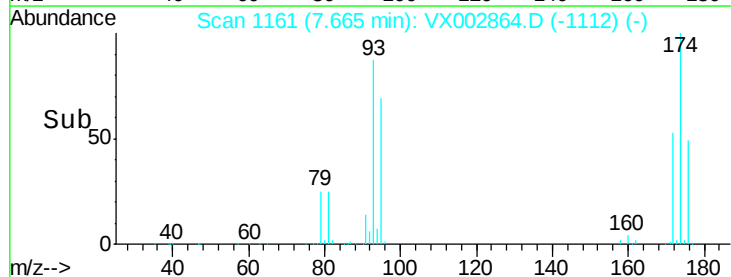
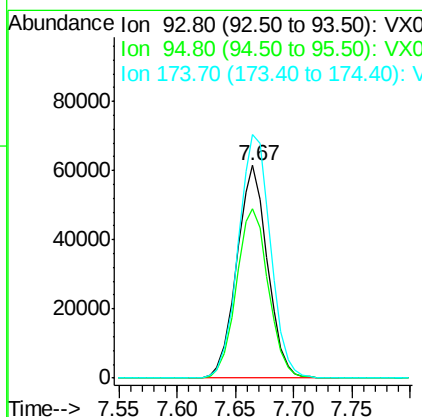
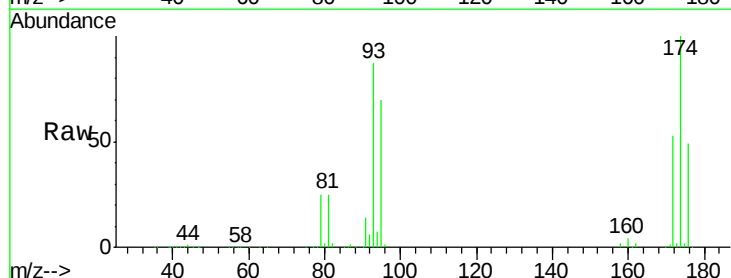
Manual Integrations
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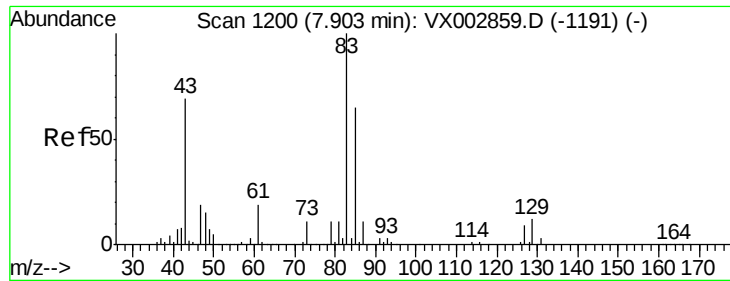
MMDadoda
 6/28/2018 2:26:28 PM



#46
 Dibromomethane
 Concen: 47.25 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion: 93 Resp: 113383
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 119.9 92.4 138.6





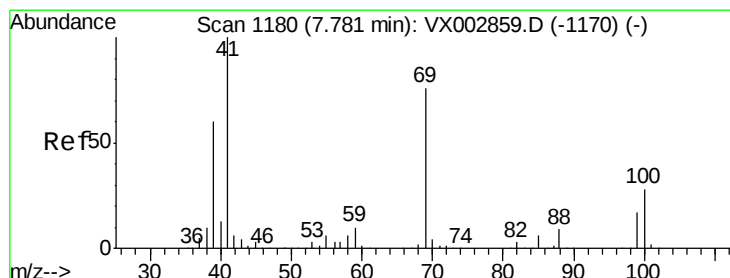
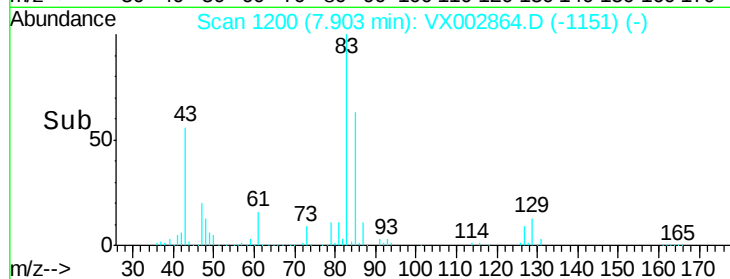
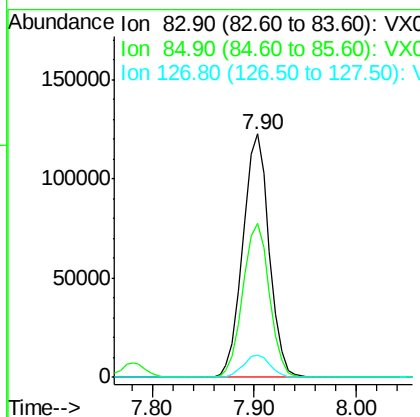
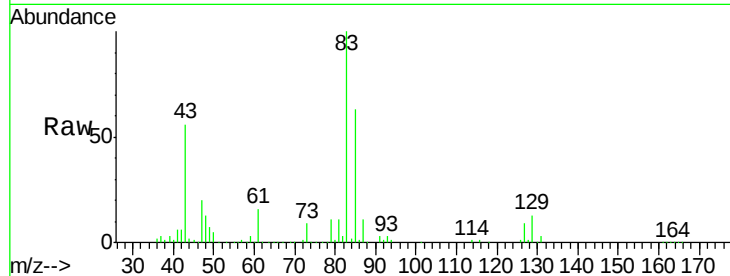
#47
Bromodichloromethane
Concen: 49.47 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	83	Resp	219483
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.3	75.5
127	9.1	7.0	10.4

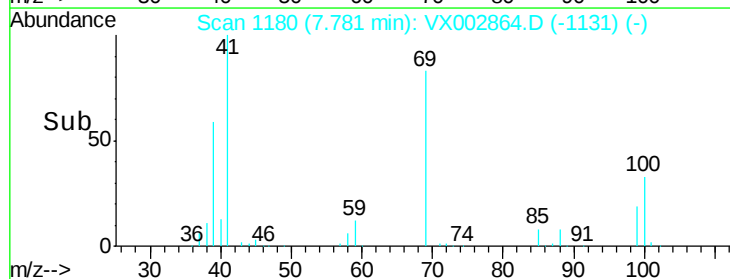
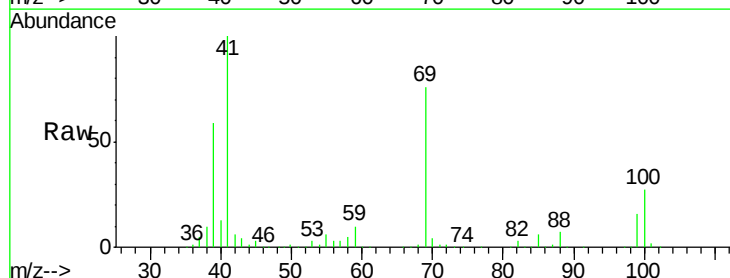
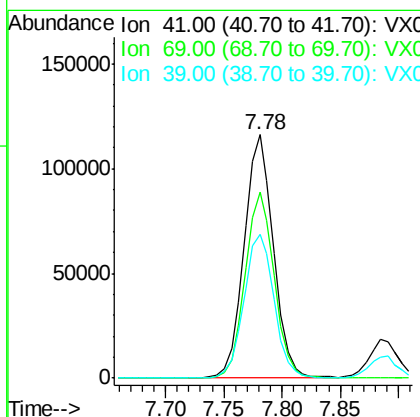
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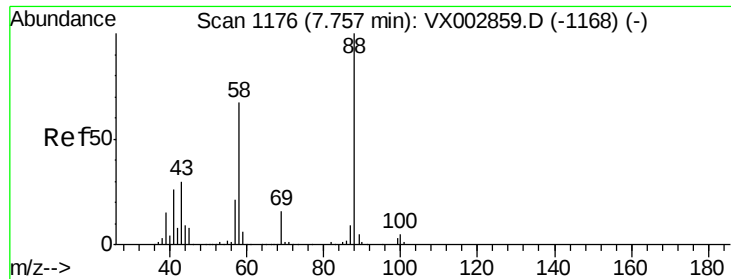
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6/28/2018 2:26:28 PM



#48
Methyl methacrylate
Concen: 48.56 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	41	Resp	202692
Ion Ratio	Lower	Upper	
41	100		
69	76.7	59.1	88.7
39	60.8	48.9	73.3





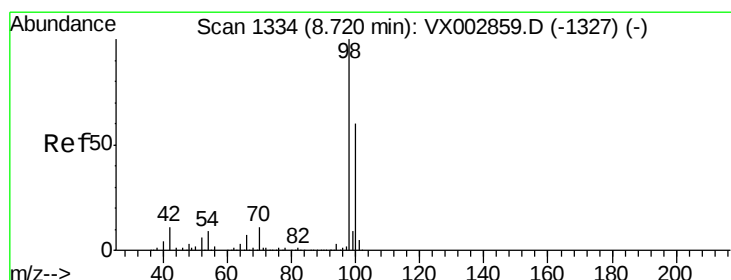
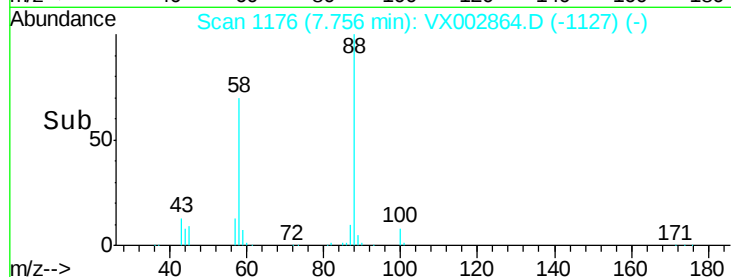
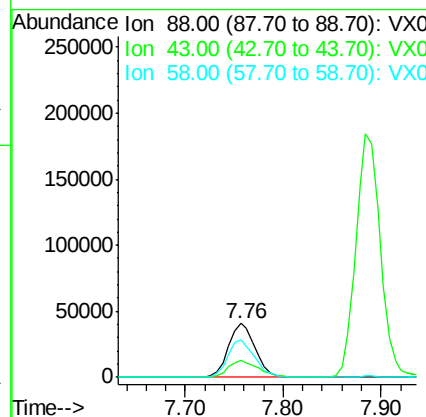
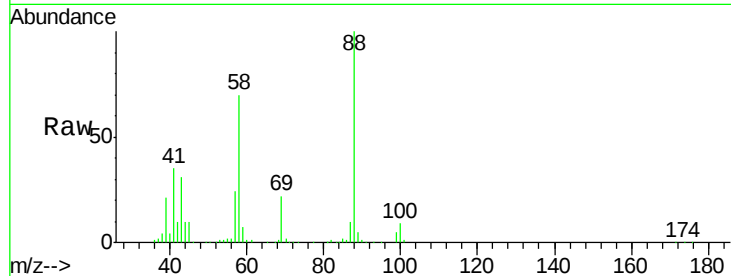
#49
 1,4-Dioxane
 Concen: 944.26 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.8	44.6
58	70.3	57.1	85.7

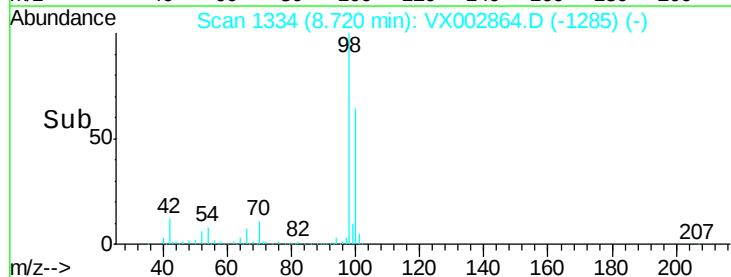
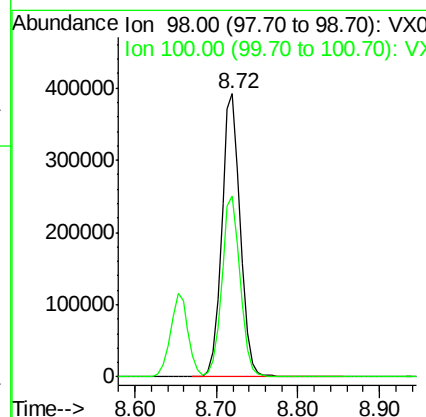
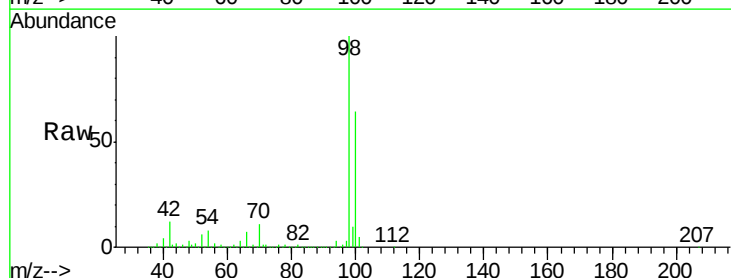
Manual Integrations
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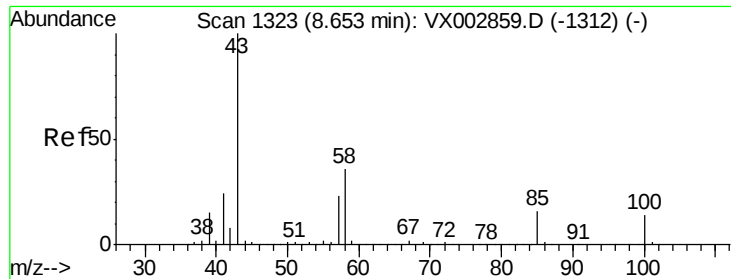
MMDadoda
 6/28/2018 2:26:28 PM



#50
 Toluene-d8
 Concen: 52.40 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 244.10 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 43 Resp: 1237309

Ion Ratio Lower Upper

43 100

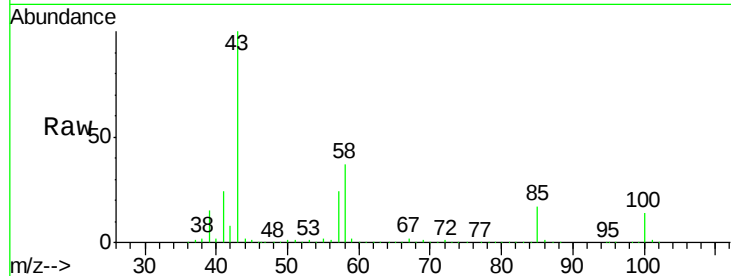
58 36.4 28.6 42.8

Manual Integrations

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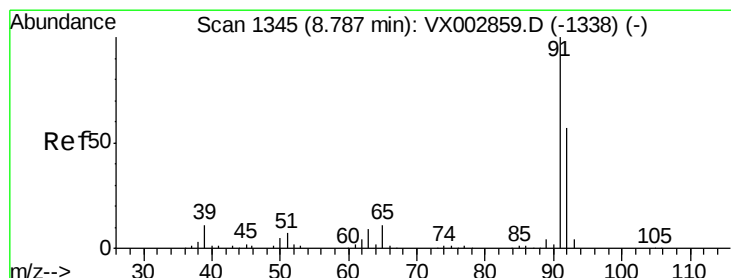
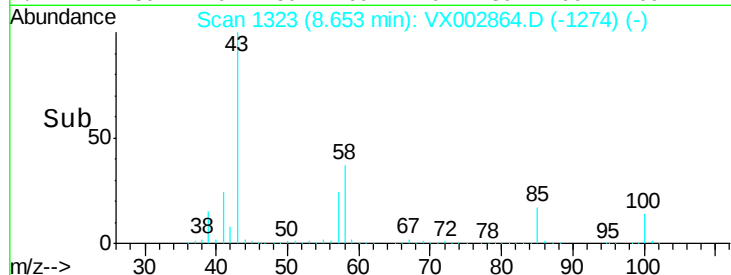
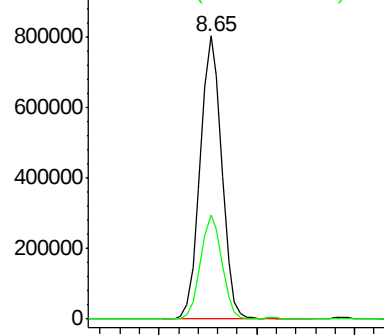
MMDadoda

6/28/2018 2:26:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002864.D

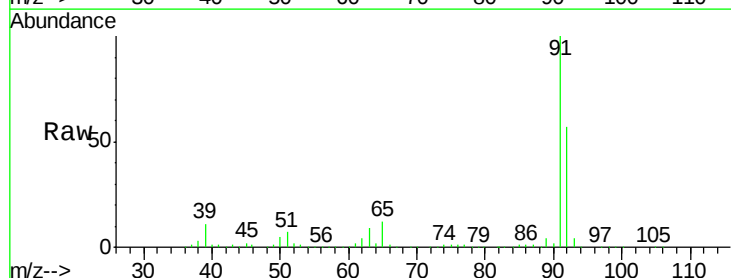
Acq: 25 Jun 2018 17:11

Tgt Ion: 92 Resp: 411488

Ion Ratio Lower Upper

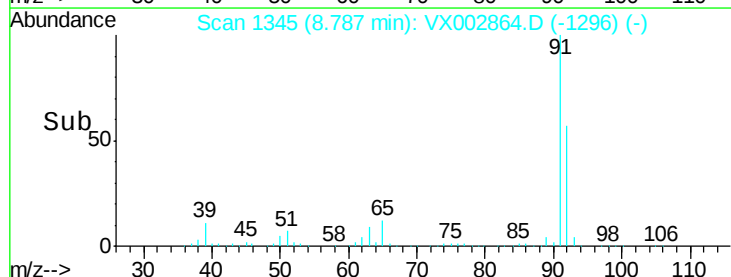
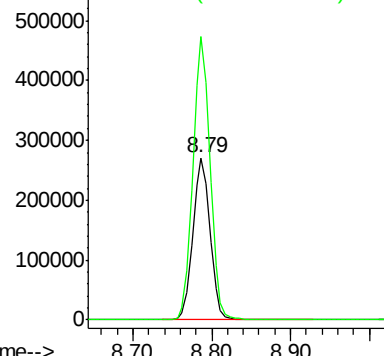
92 100

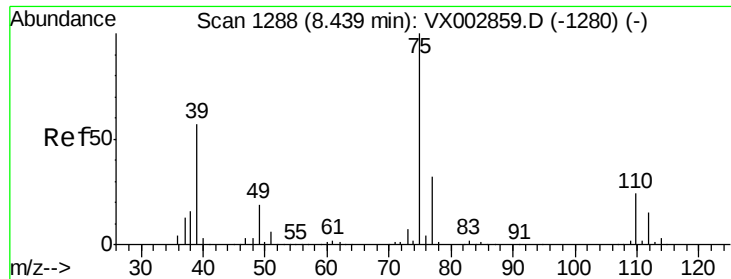
91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





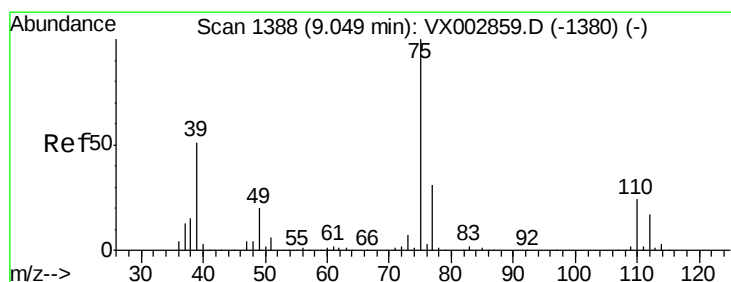
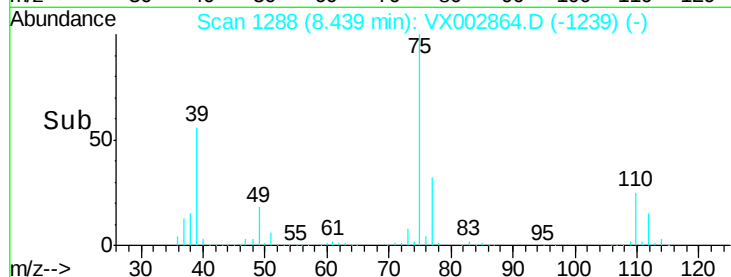
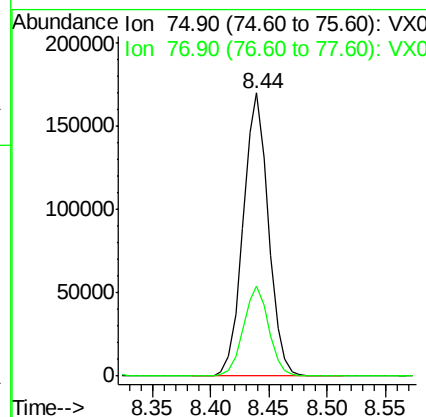
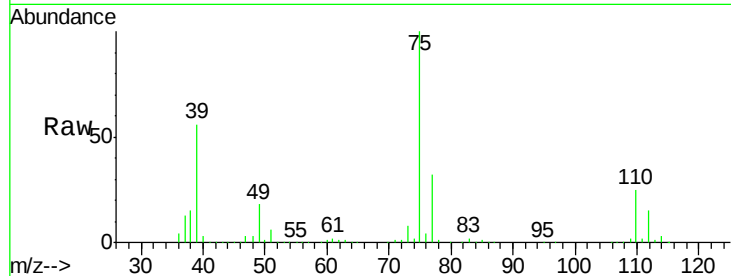
#53
t-1,3-Dichloropropene
Concen: 51.19 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

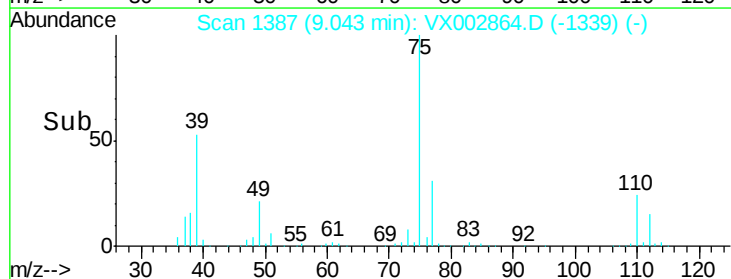
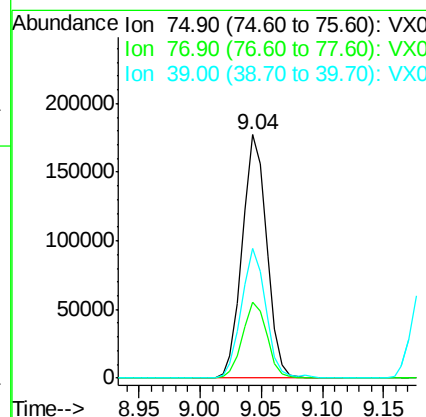
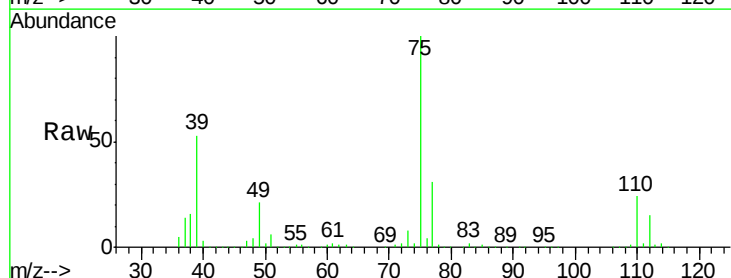
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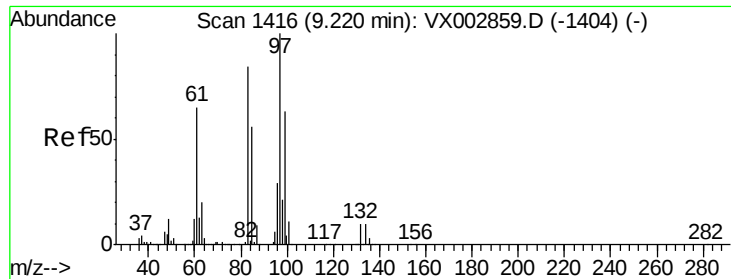
MMDadoda
6/28/2018 2:26:28 PM



#54
cis-1,3-Dichloropropene
Concen: 50.56 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	53.1	42.4	63.6





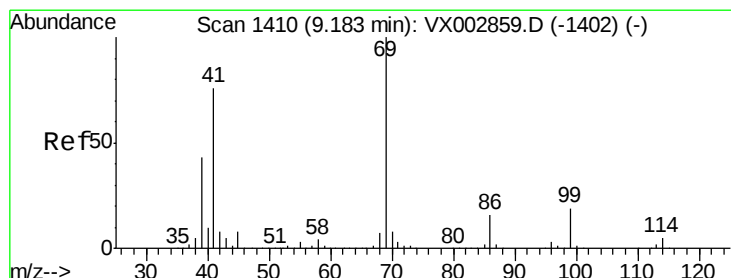
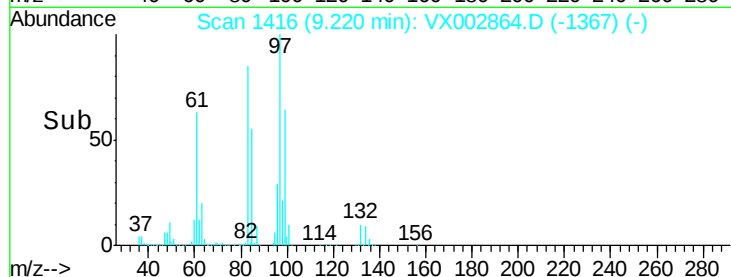
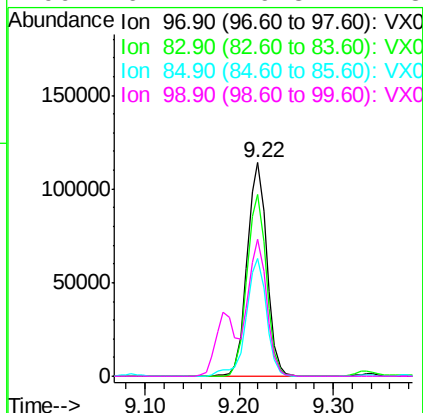
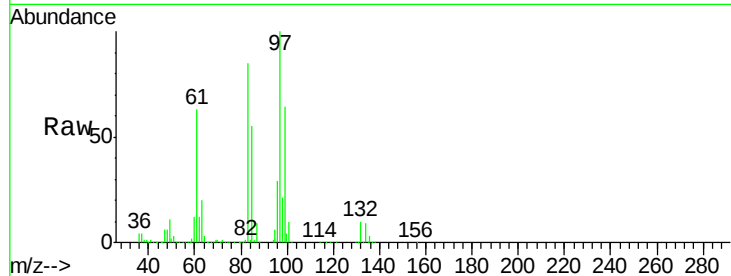
#55
 1,1,2-Trichloroethane
 Concen: 48.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		167465		
83	85.1	70.2	105.2		
85	55.0	44.9	67.3		
99	64.4	49.8	74.8		

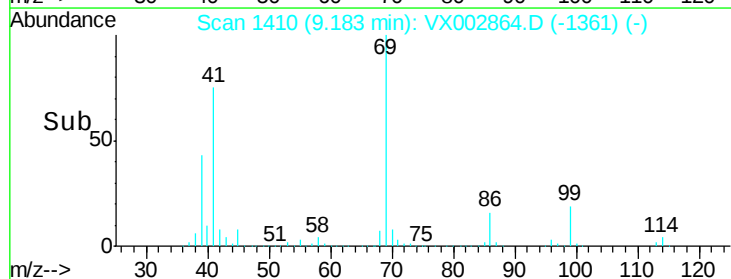
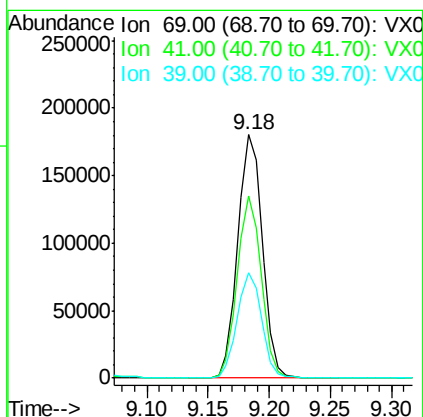
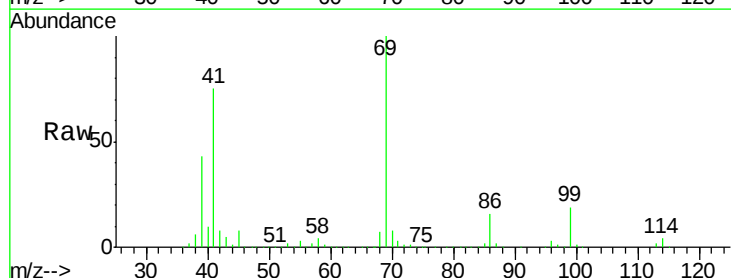
Manual Integrations
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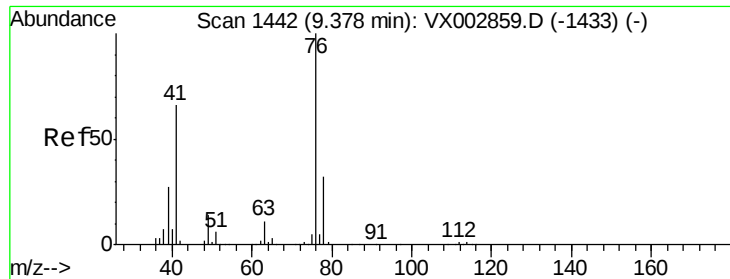
MMDadoda
 6/28/2018 2:26:28 PM



#56
 Ethyl methacrylate
 Concen: 50.00 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		250785		
41	72.8	60.3	90.5		
39	43.1	35.8	53.8		





#57

1,3-Dichloropropane

Concen: 48.18 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 76 Resp: 271523

Ion Ratio Lower Upper

76 100

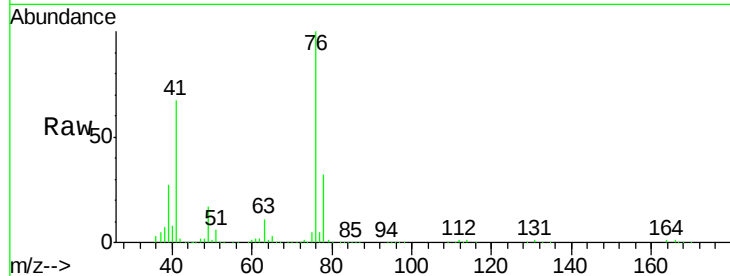
78 32.3 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

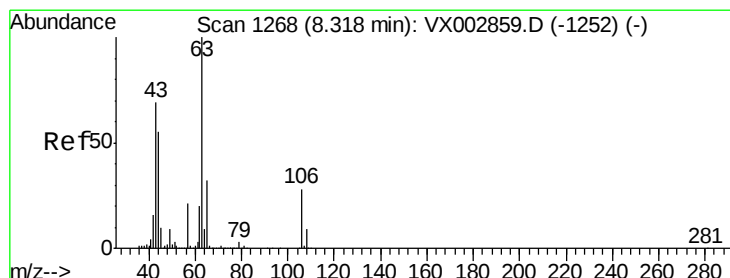
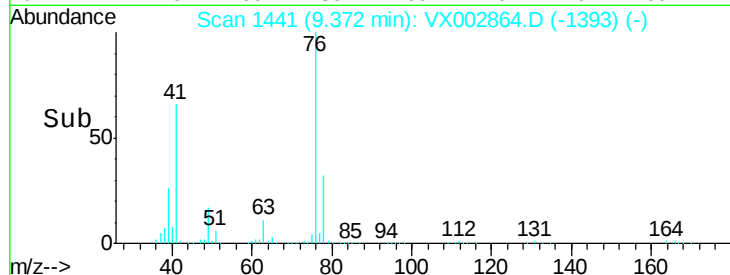
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 239.95 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002864.D

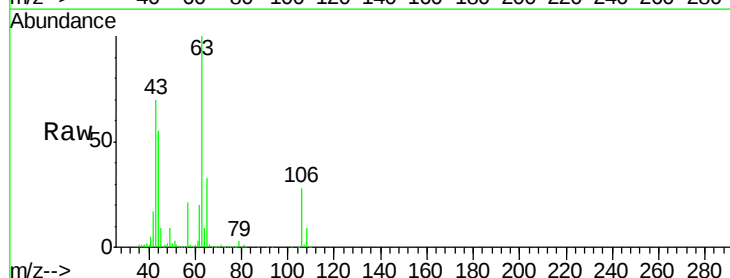
Acq: 25 Jun 2018 17:11

Tgt Ion: 63 Resp: 580562

Ion Ratio Lower Upper

63 100

106 28.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

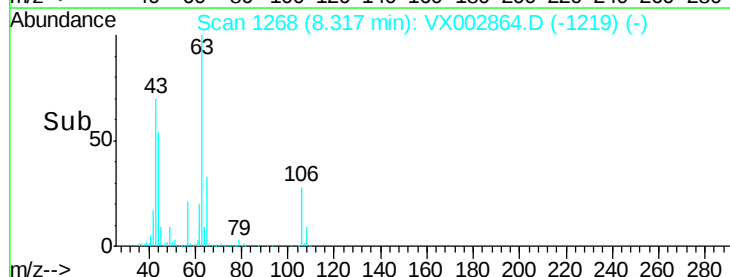
300000

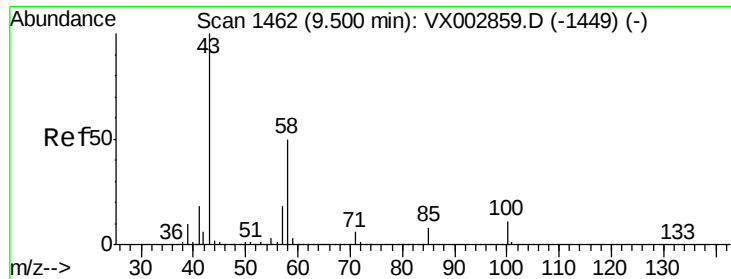
200000

100000

0

Time-->





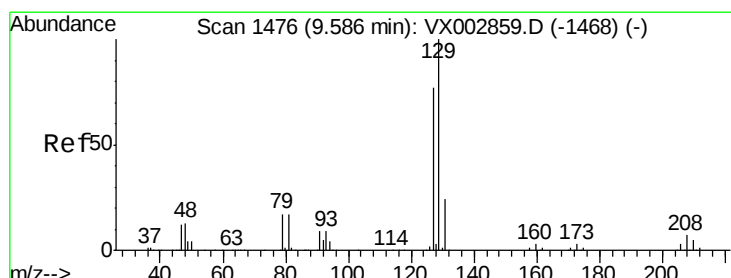
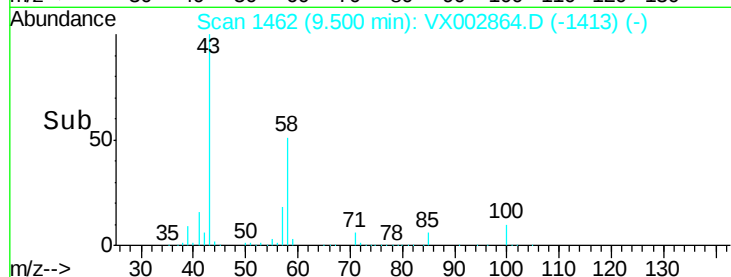
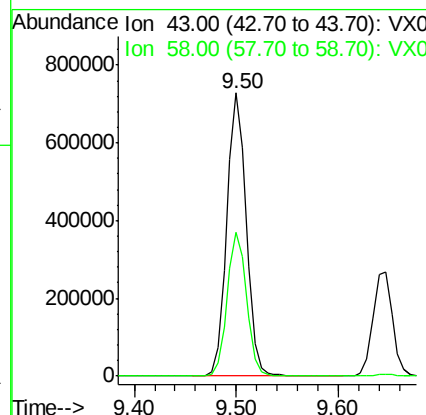
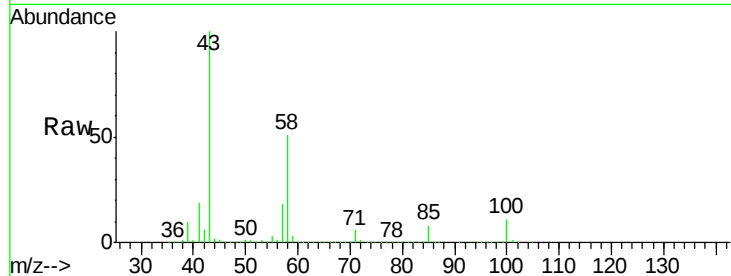
#59
2-Hexanone
Concen: 251.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion: 43 Resp: 967230
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6

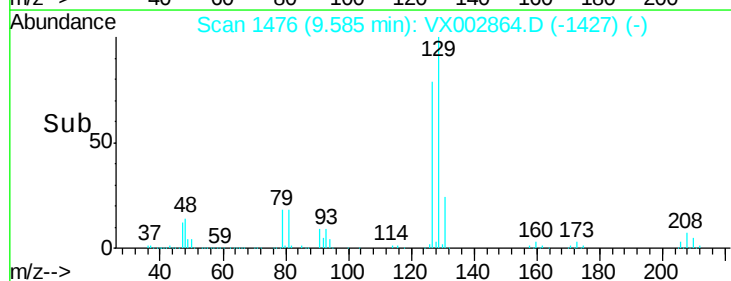
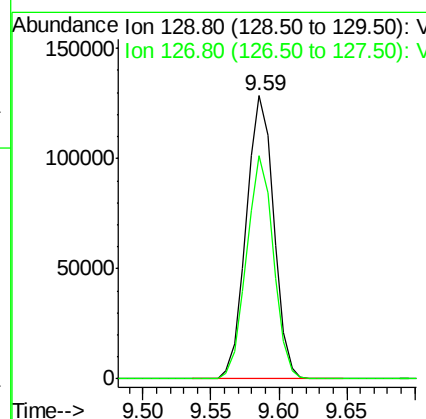
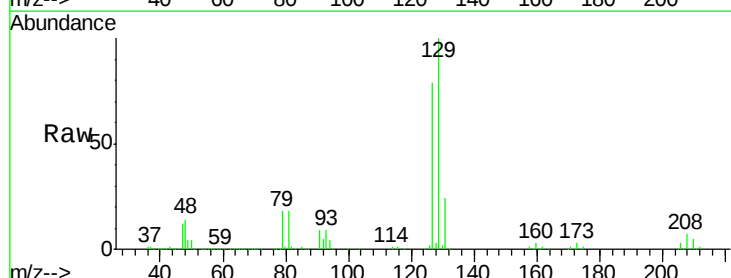
Manual Integrations
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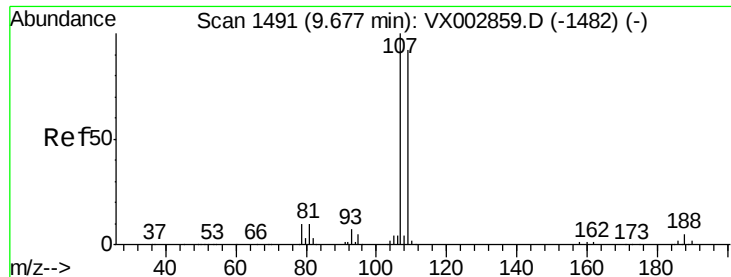
MMDadoda
6/28/2018 2:26:28 PM



#60
Dibromochloromethane
Concen: 50.52 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 129 Resp: 182494
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion:107 Resp: 176603

Ion Ratio Lower Upper

107 100

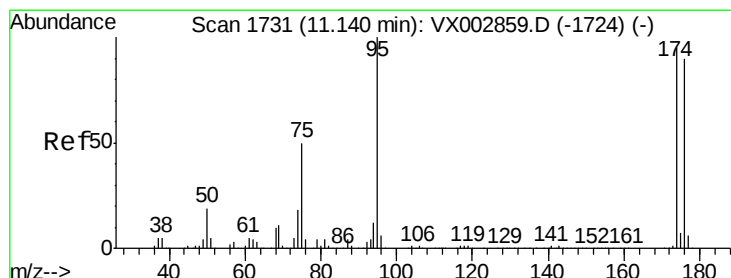
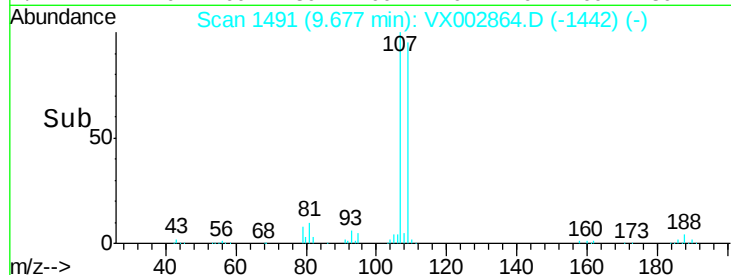
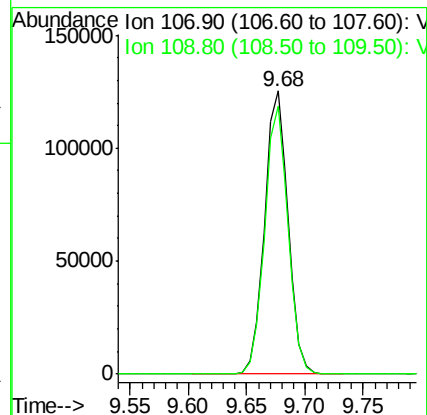
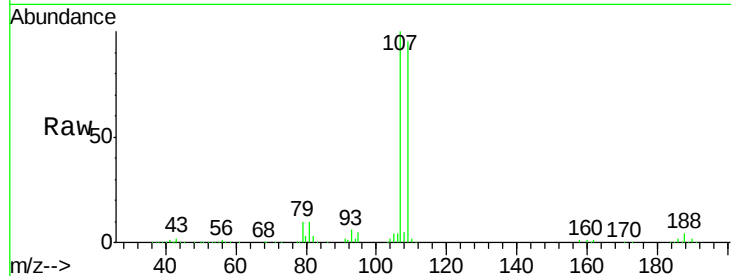
109 94.2 75.3 112.9

Manual Integrations

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6/28/2018 2:26:28 PM



#62

4-Bromofluorobenzene

Concen: 53.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

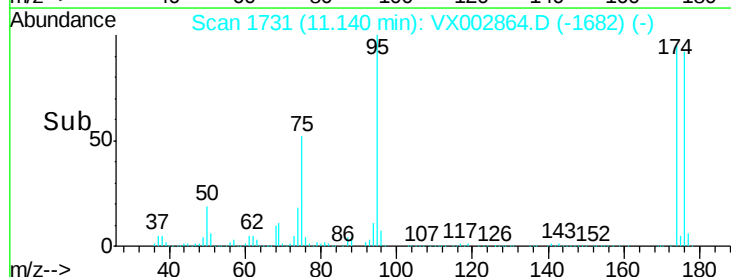
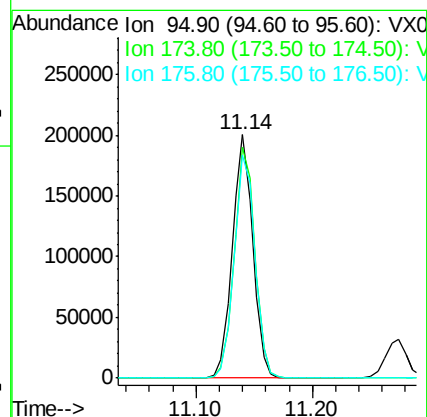
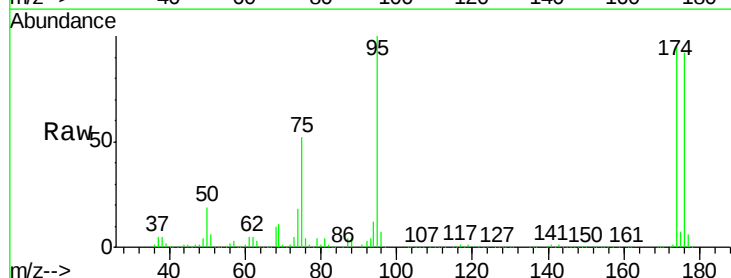
Tgt Ion: 95 Resp: 243846

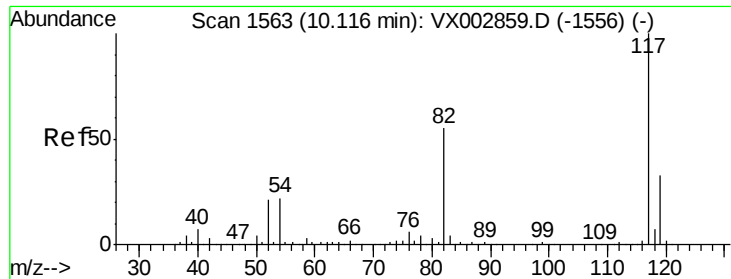
Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

176 94.3 0.0 181.0





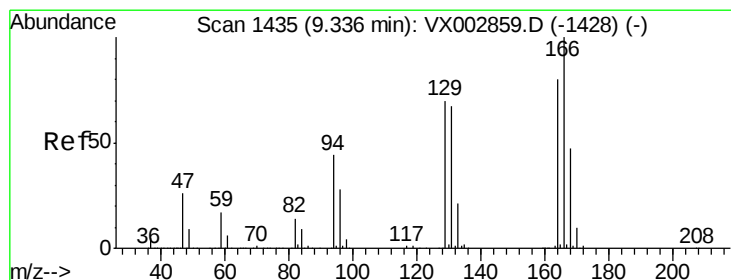
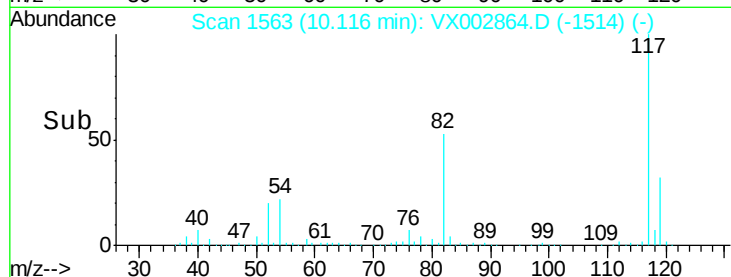
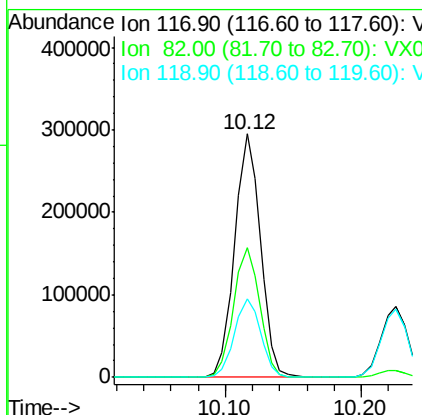
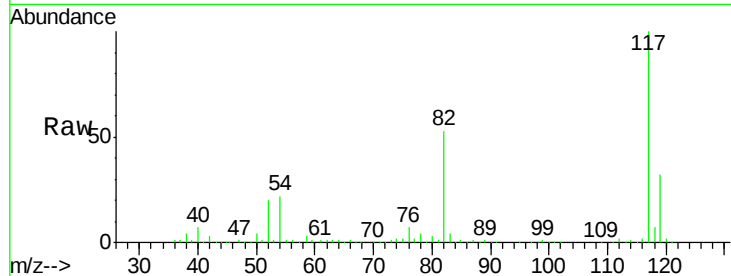
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.4
119	32.5	25.8	38.6

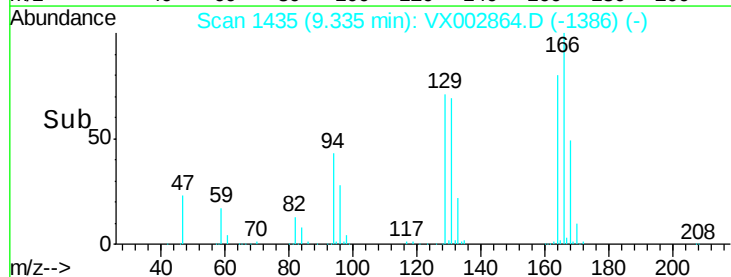
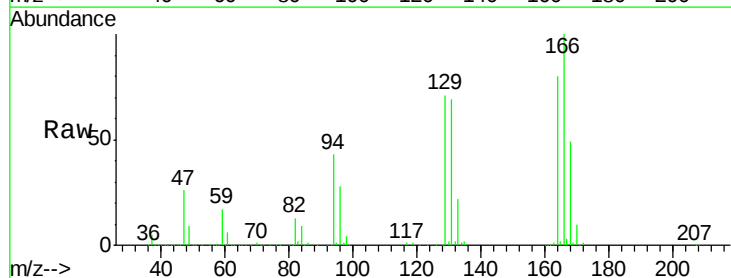
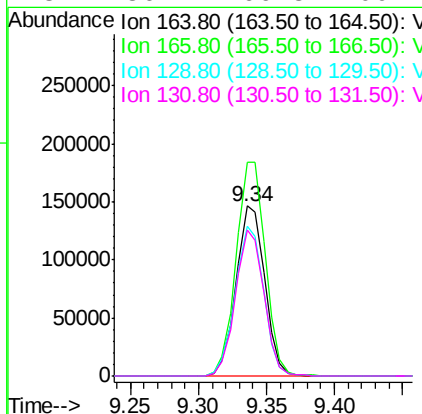
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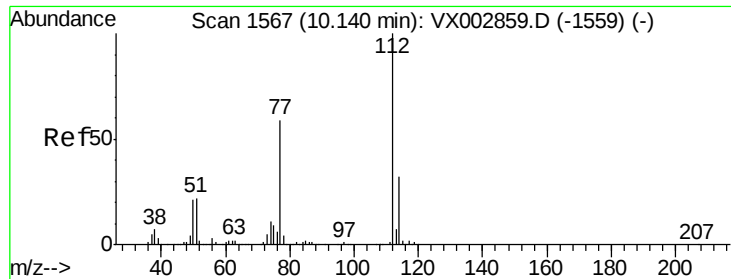
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#64
Tetrachloroethene
Concen: 49.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.9	154.3
129	88.6	68.6	102.8
131	86.4	66.8	100.2





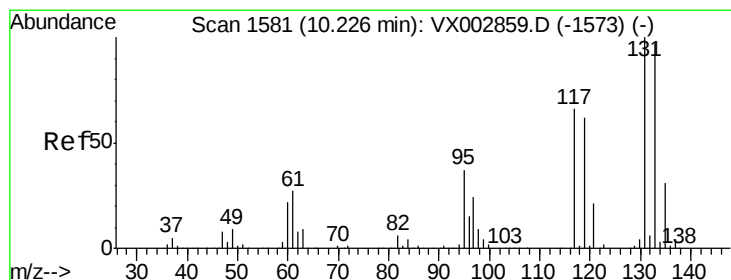
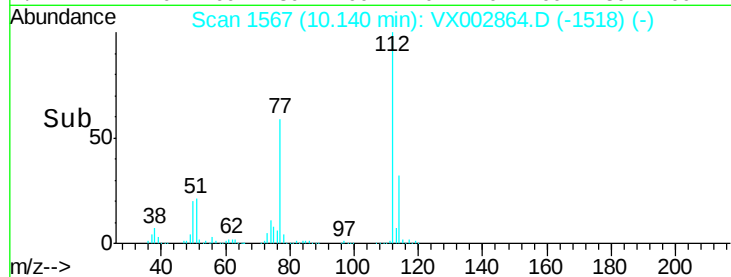
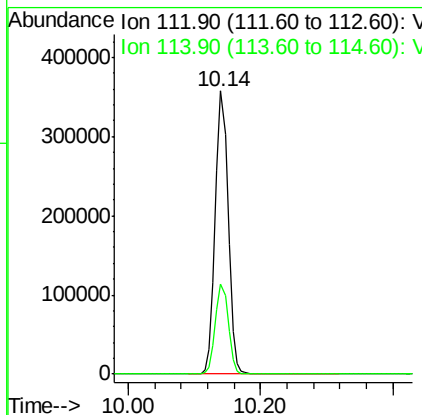
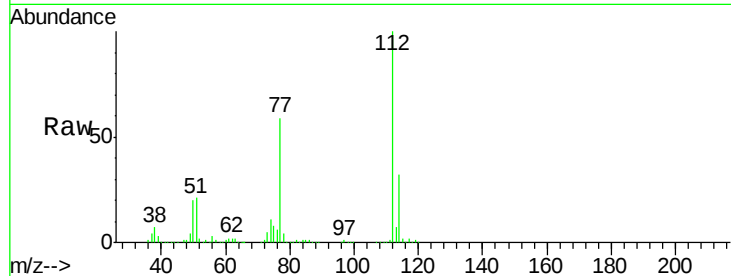
#65
Chlorobenzene
Concen: 48.54 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion:112 Resp: 481074
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

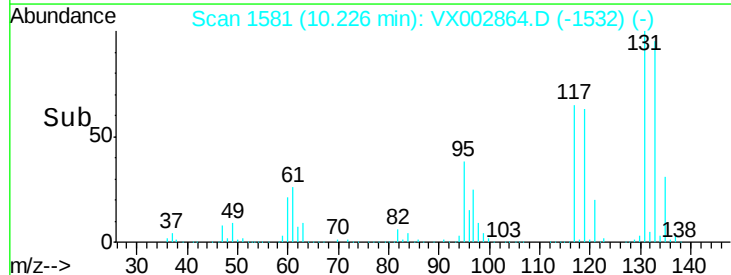
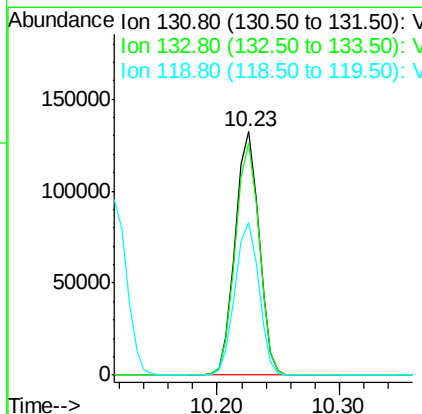
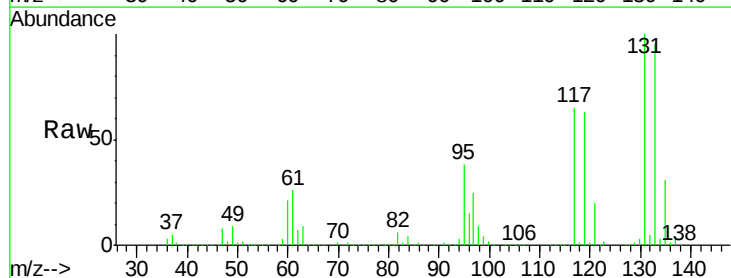
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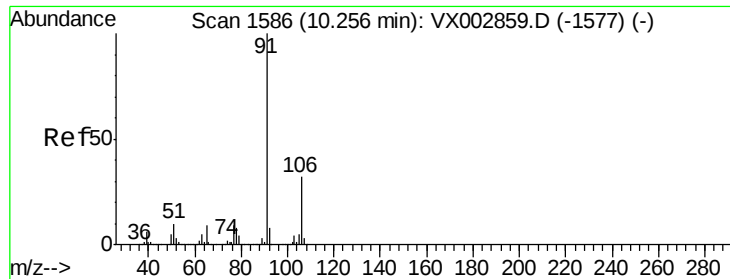
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.39 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:131 Resp: 177831
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.4 31.8 95.3





#67

Ethyl Benzene

Concen: 50.32 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 91 Resp: 823882

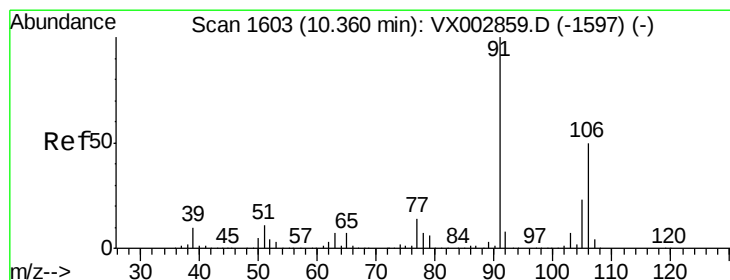
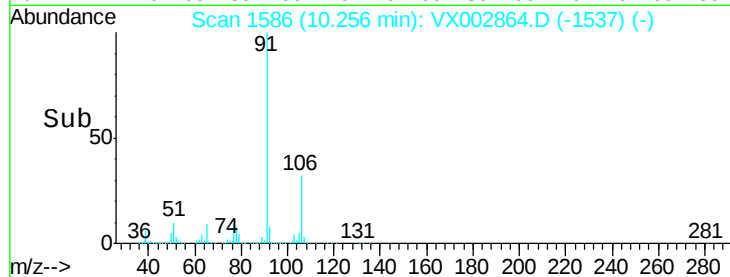
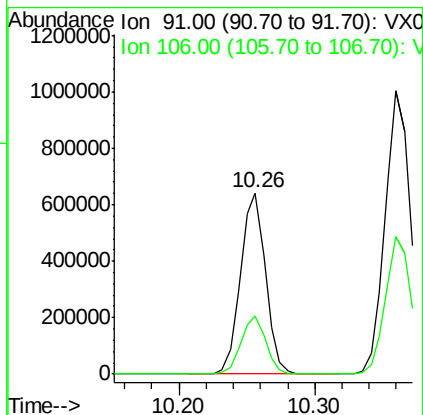
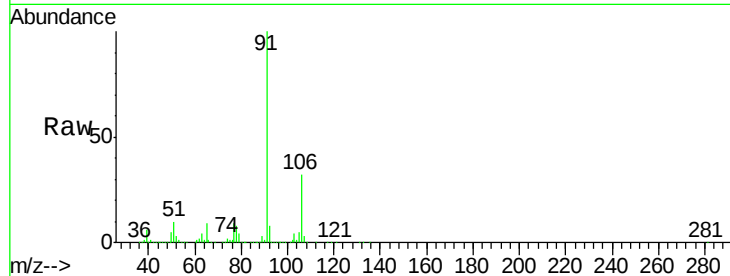
Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 101.40 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002864.D

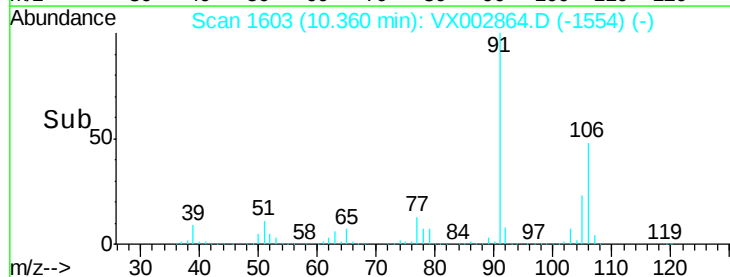
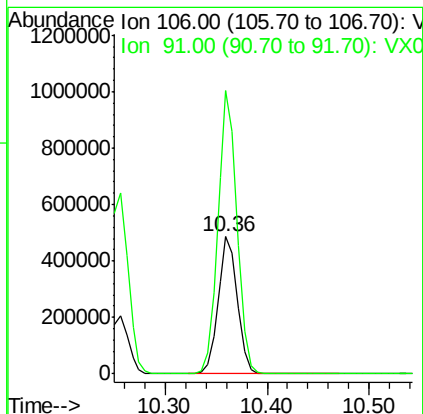
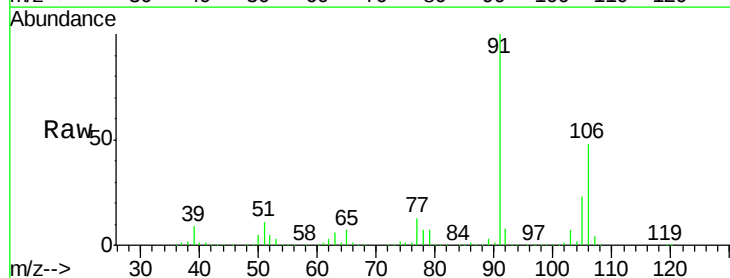
Acq: 25 Jun 2018 17:11

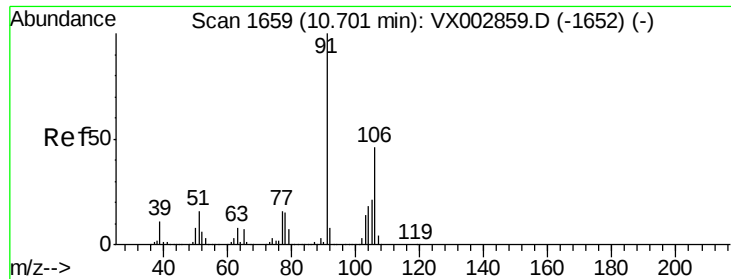
Tgt Ion: 106 Resp: 639838

Ion Ratio Lower Upper

106 100

91 204.8 163.4 245.2





#69

o-Xylene

Concen: 50.70 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion:106 Resp: 311544

Ion Ratio Lower Upper

106 100

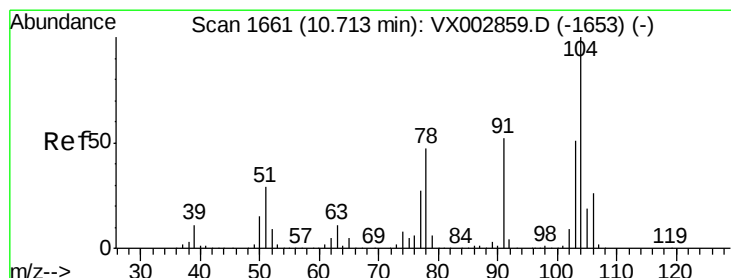
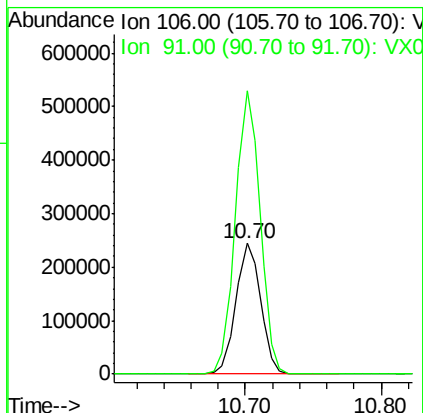
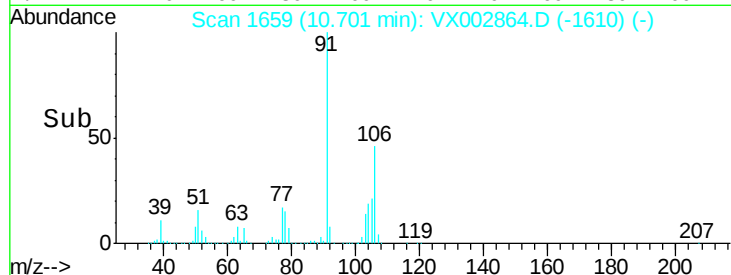
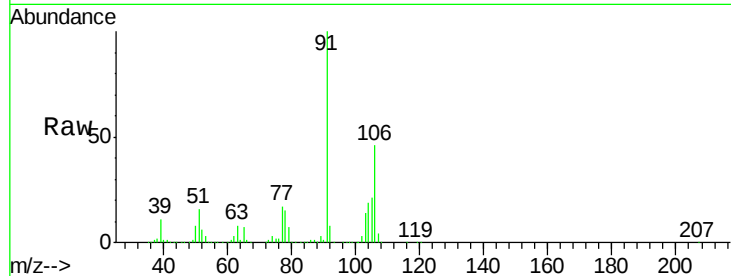
91 215.0 108.2 324.6

Manual Integrations

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#70

Styrene

Concen: 51.83 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

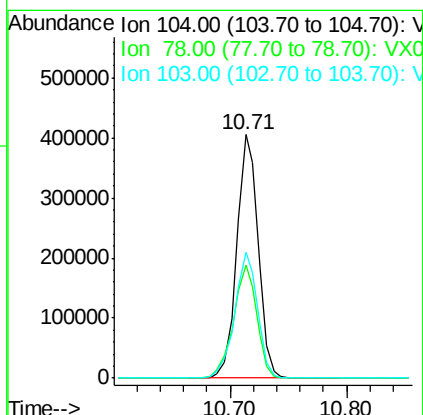
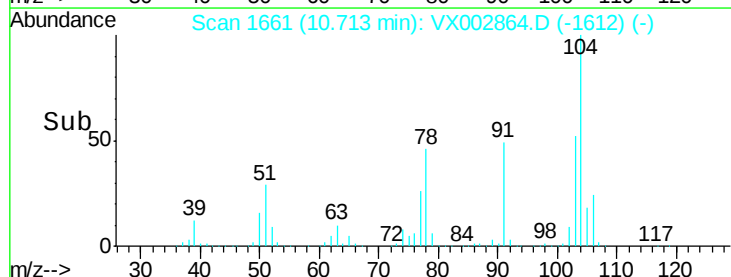
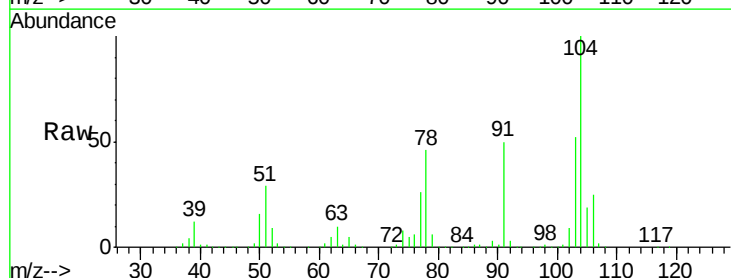
Tgt Ion:104 Resp: 517439

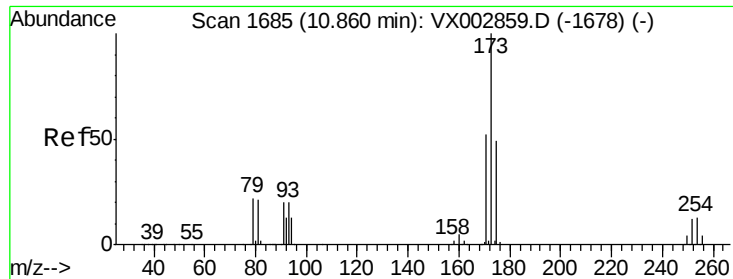
Ion Ratio Lower Upper

104 100

78 50.9 41.0 61.6

103 55.4 44.2 66.4





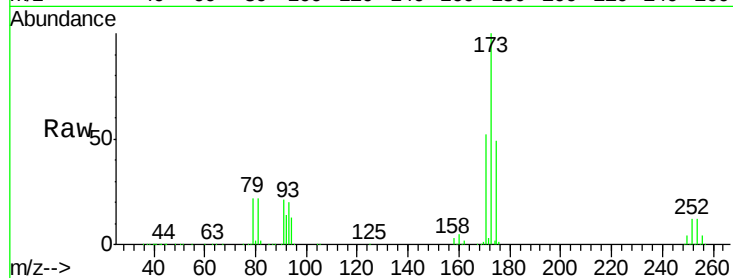
#71
Bromoform
Concen: 44.66 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

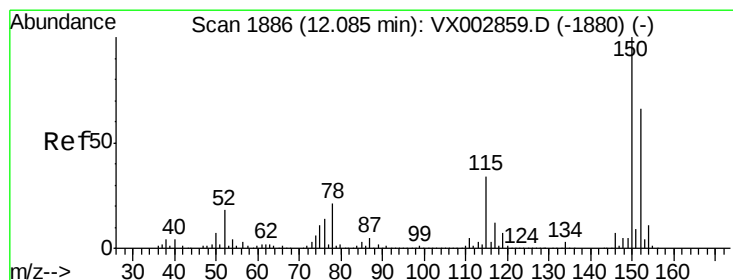
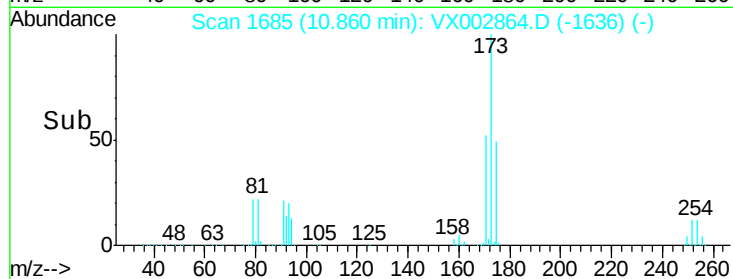
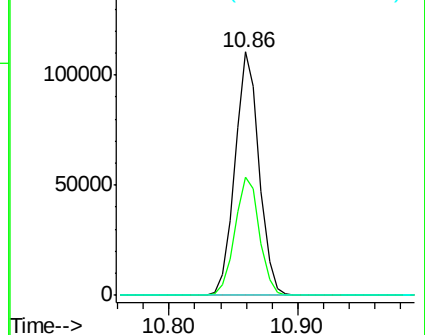
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.7	74.1
254	0.2	0.2	0.2

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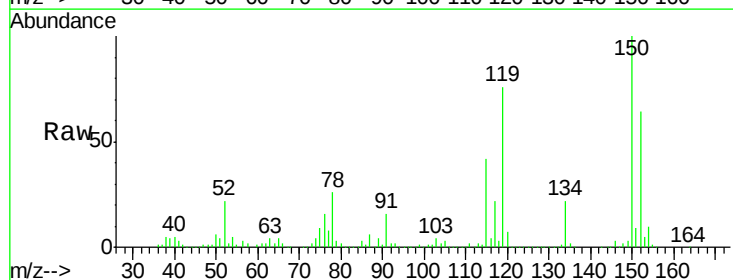


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

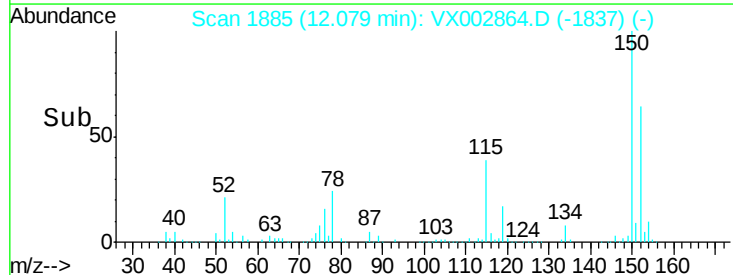
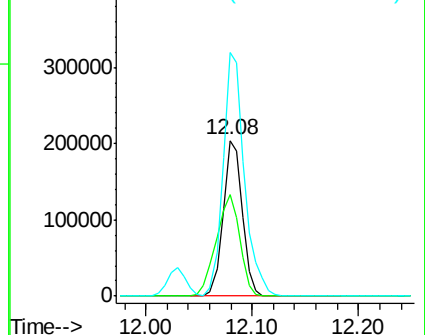


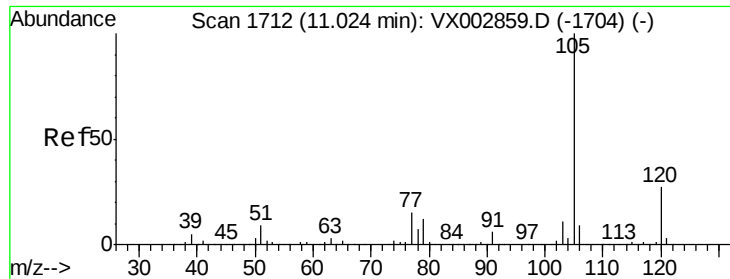
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.6	40.1	120.2
150	174.3	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: 50.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion:105 Resp: 859453

Ion Ratio Lower Upper

105 100

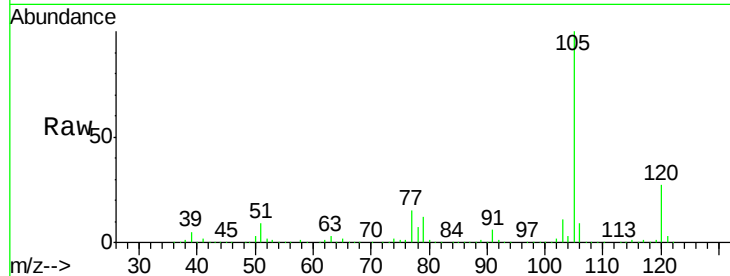
120 27.1 13.5 40.4

Manual Integrations

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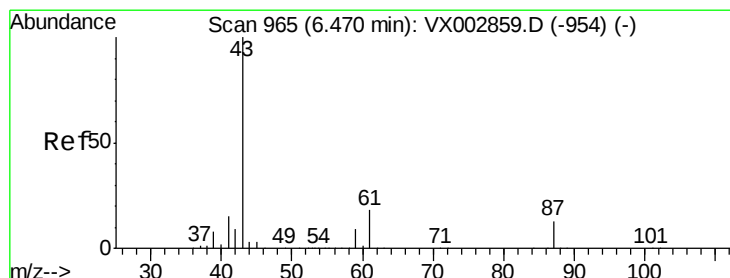
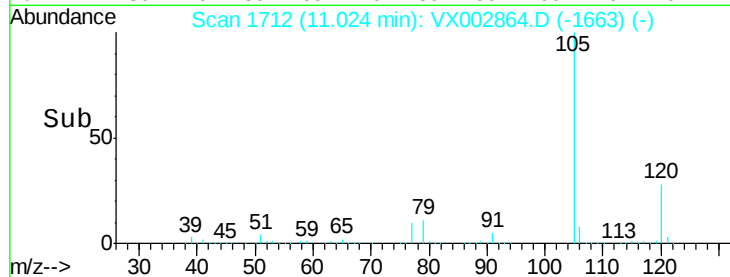
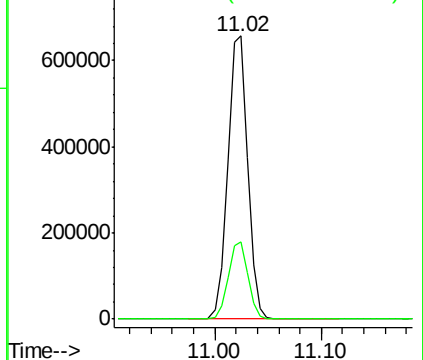
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion: 43 Resp: 386484

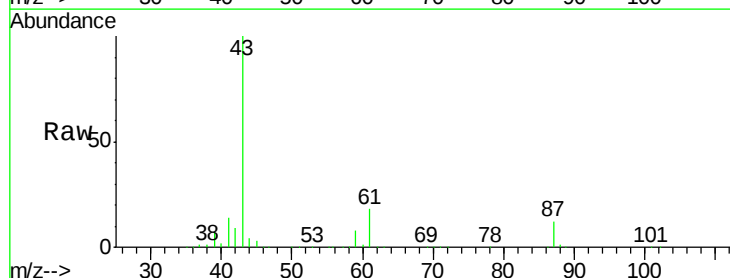
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.4 14.4 21.6

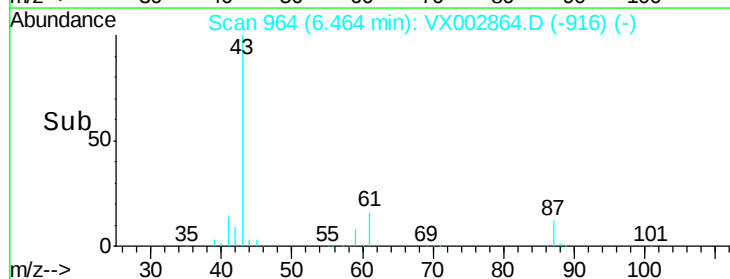
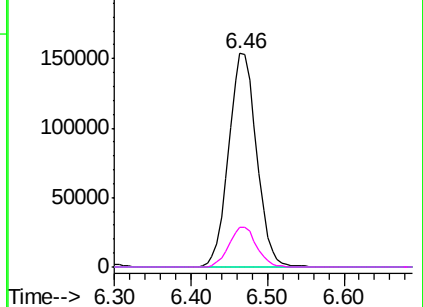


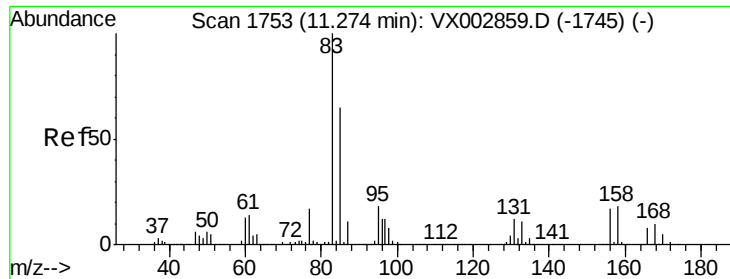
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 83 Resp: 246678

Ion Ratio Lower Upper

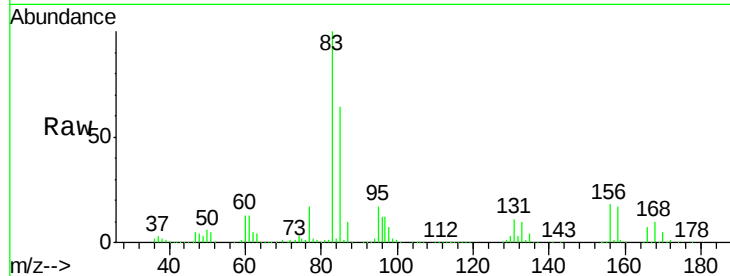
83 100

131 11.0 5.6 16.8

85 63.9 32.4 97.2

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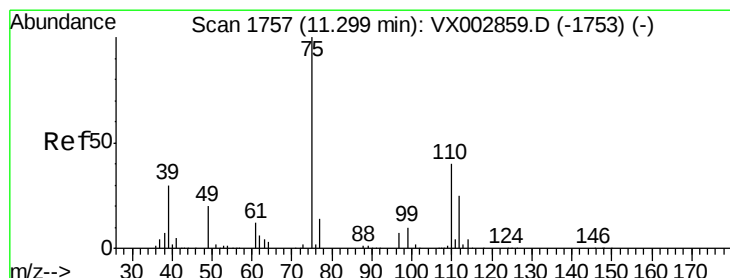
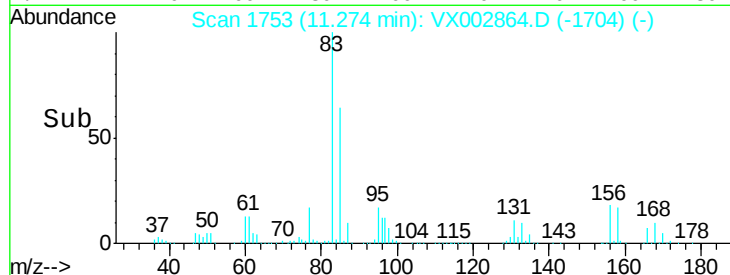
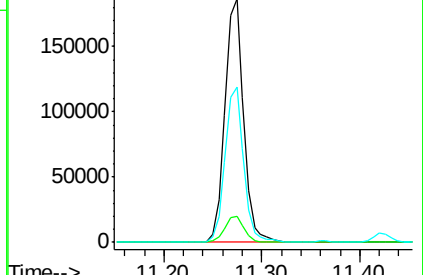
MMDadoda
6/28/2018 2:26:28 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.59 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002864.D

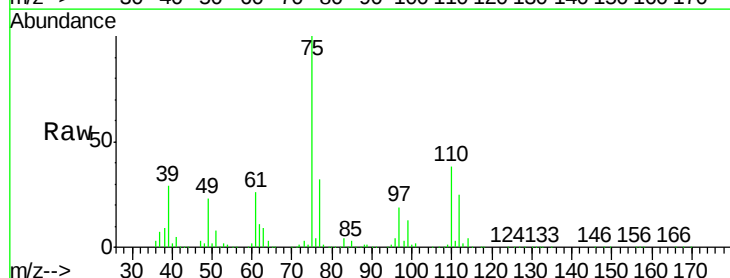
Acq: 25 Jun 2018 17:11

Tgt Ion: 75 Resp: 219518

Ion Ratio Lower Upper

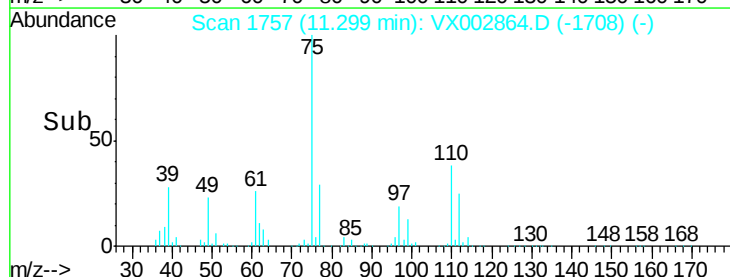
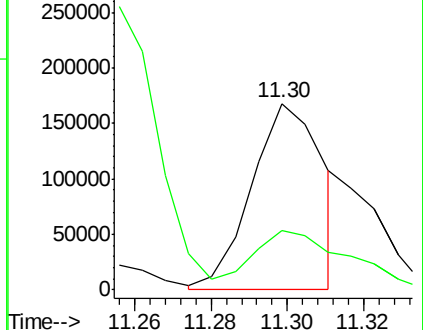
75 100

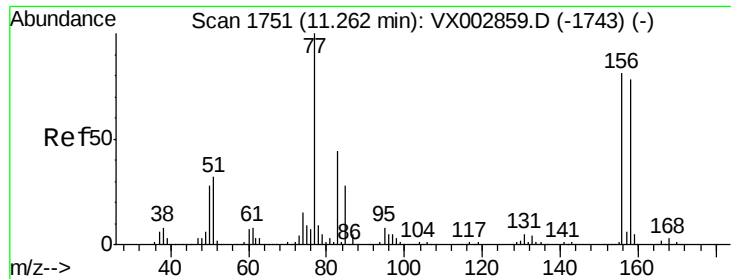
77 42.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.47 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

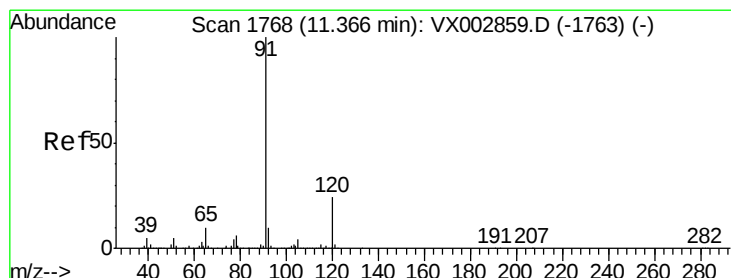
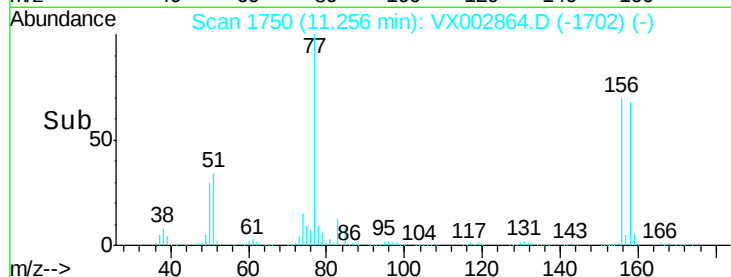
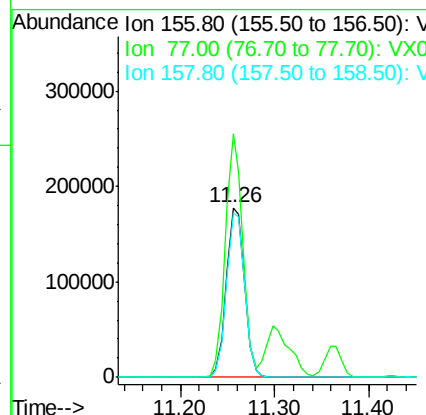
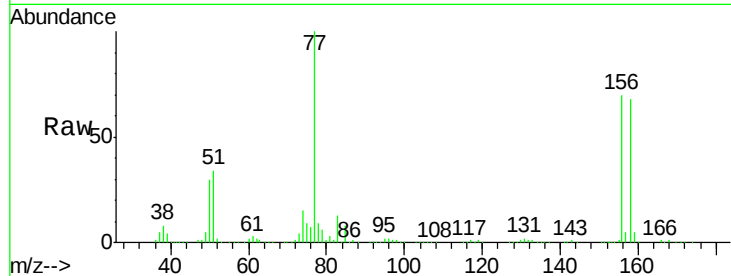
ClientSampleId :

ICVVX062518

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		236445		
77	137.5	71.4	214.2		
158	97.2	48.9	146.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 50.92 ug/l

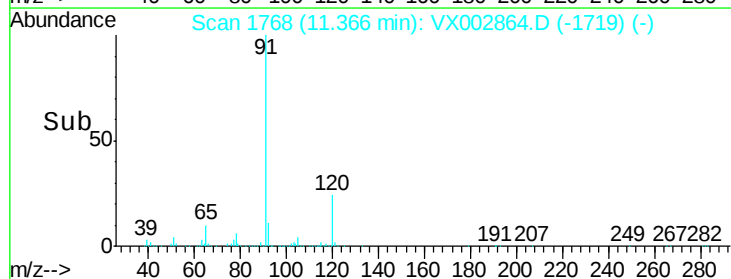
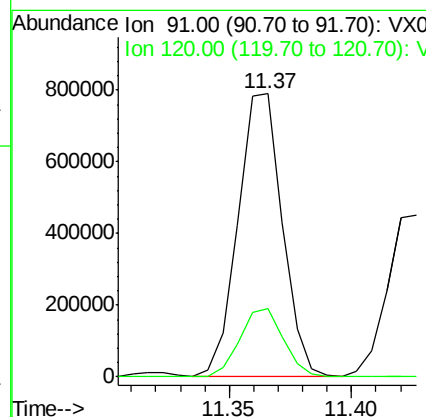
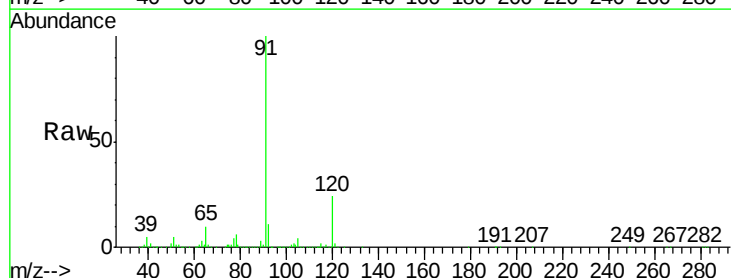
RT: 11.37 min Scan# 1768

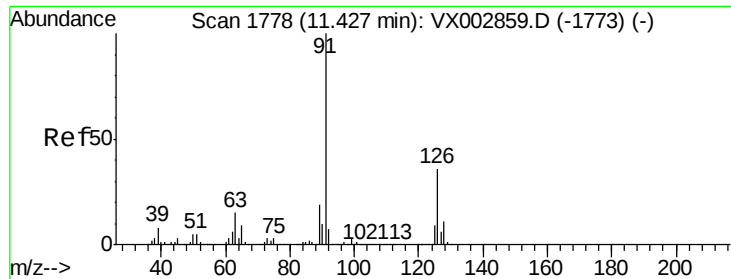
Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		992813		
120	23.9	11.8	35.4		





#79

2-Chlorotoluene

Concen: 49.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion: 91 Resp: 581709

Ion Ratio Lower Upper

91 100

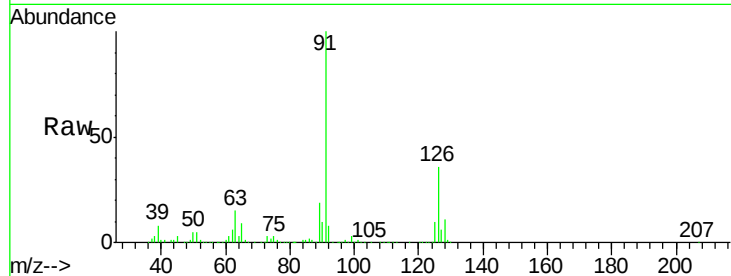
126 35.4 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

800000

600000

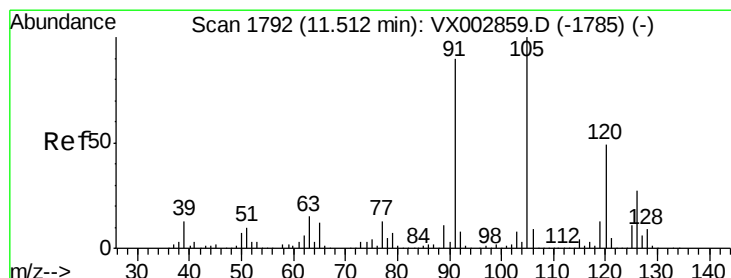
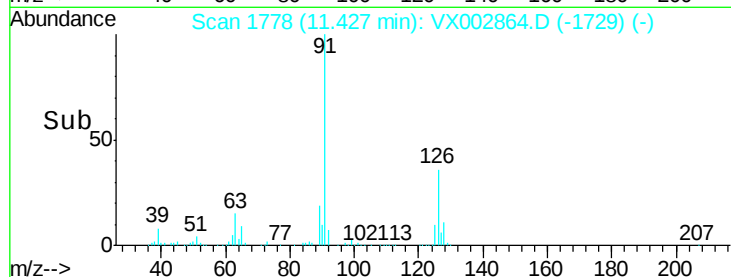
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002864.D

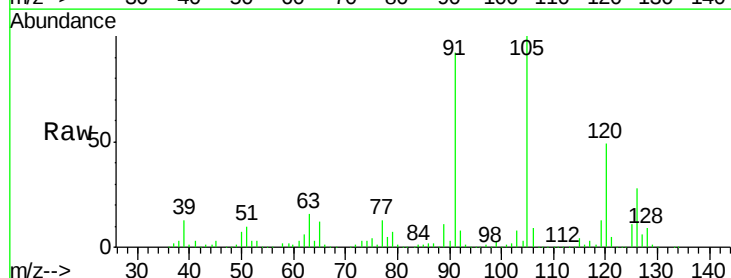
Acq: 25 Jun 2018 17:11

Tgt Ion: 105 Resp: 730450

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

600000

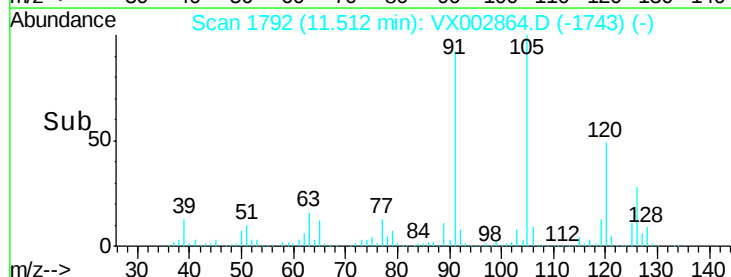
400000

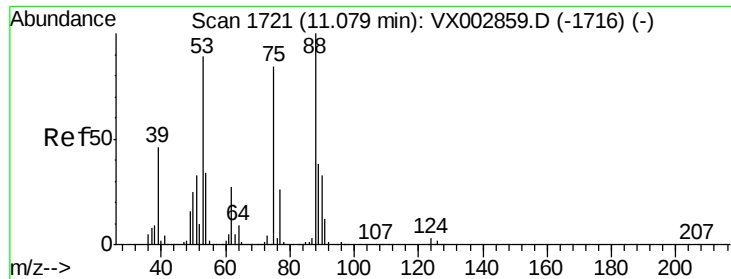
200000

0

11.50 11.60

Time-->





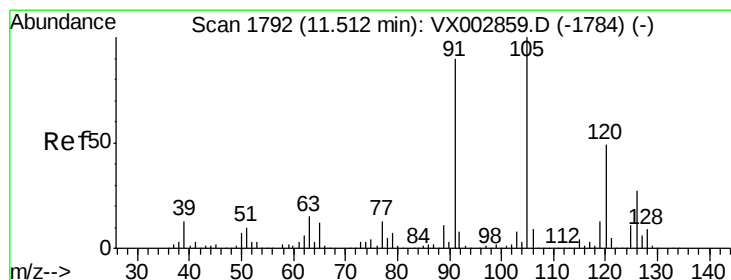
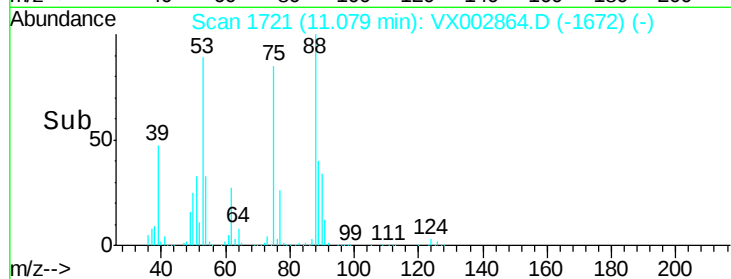
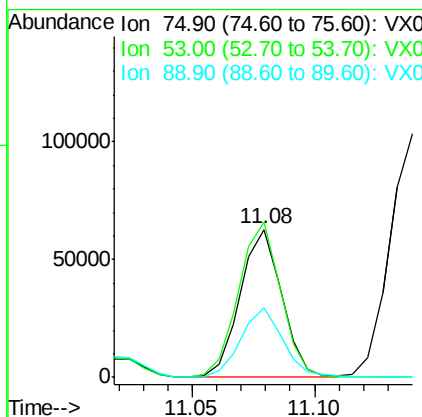
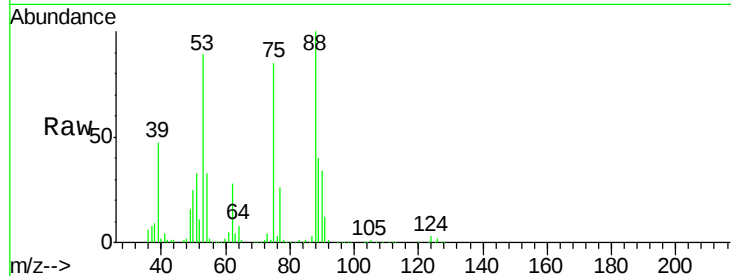
#81
trans-1,4-Dichloro-2-butene
Concen: 47.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.6	86.8	130.2
89	47.8	38.2	57.2

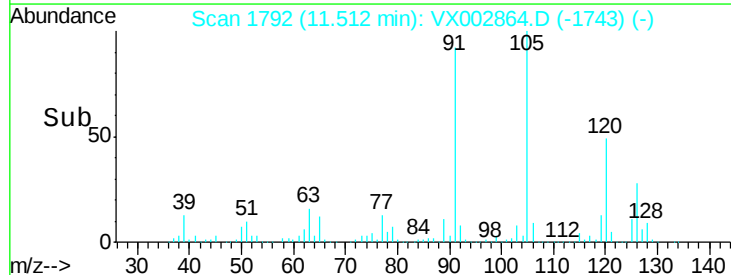
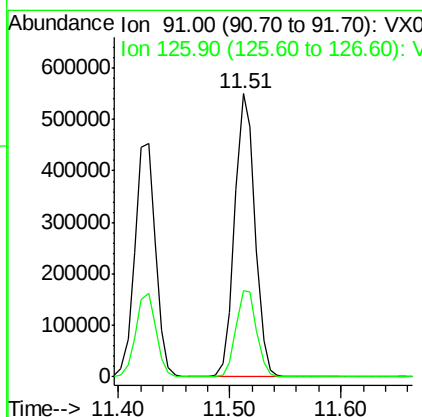
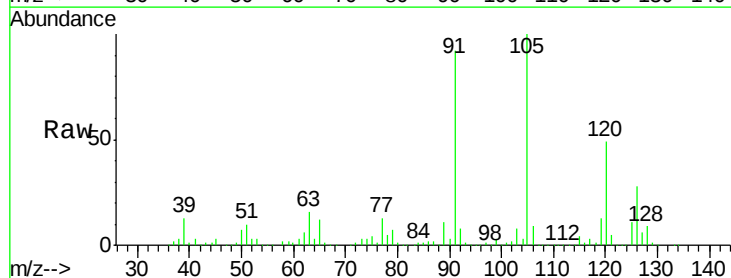
Manual Integrations
APPROVED

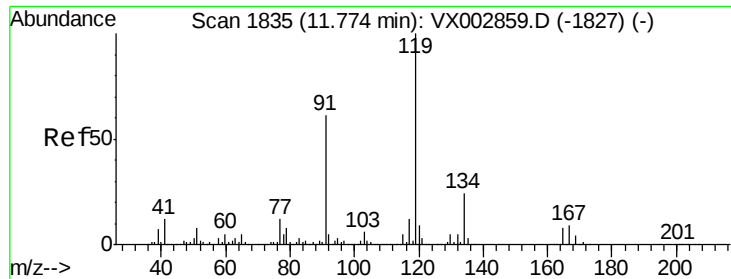
MMDadoda
6/28/2018 2:26:28 PM



#82
4-Chlorotoluene
Concen: 49.48 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





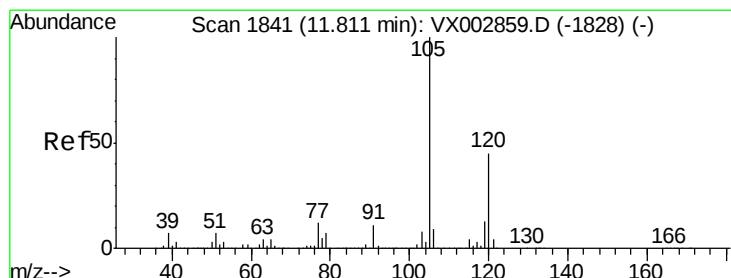
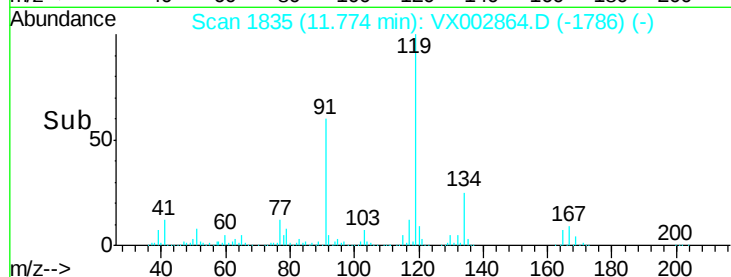
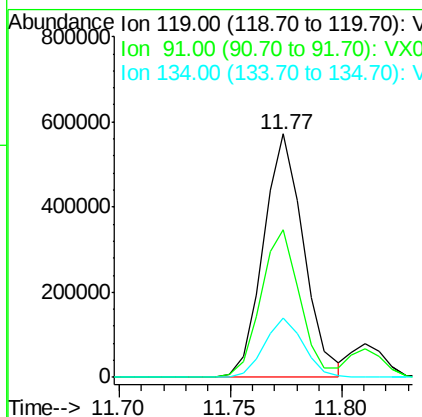
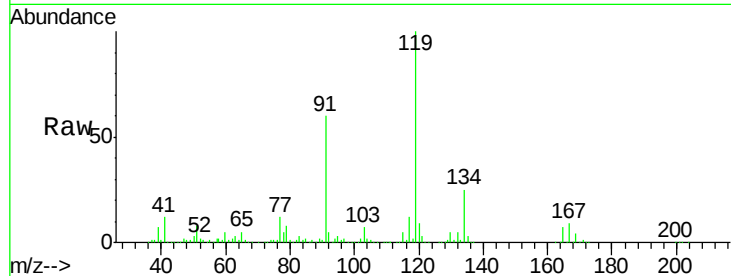
#83
tert-Butylbenzene
Concen: 50.45 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	30.3	90.9
134	23.7	11.7	35.1

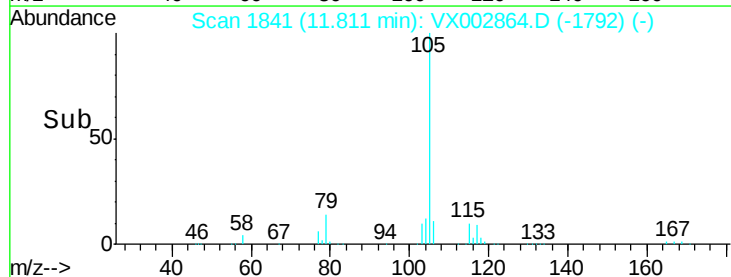
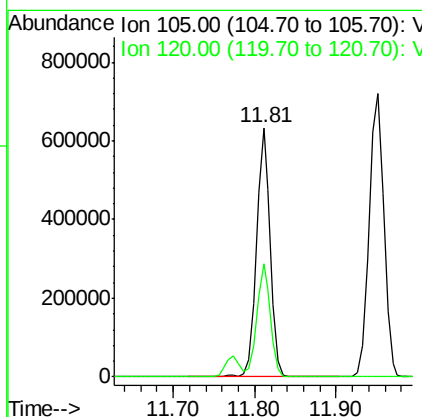
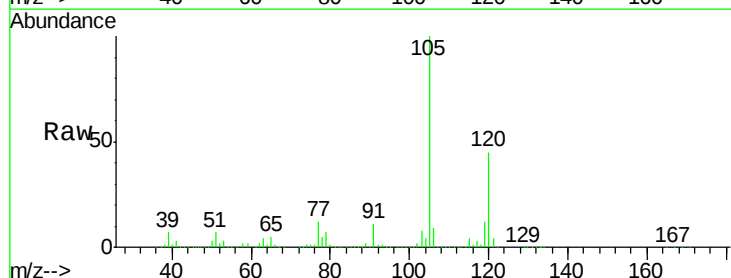
Manual Integrations
APPROVED

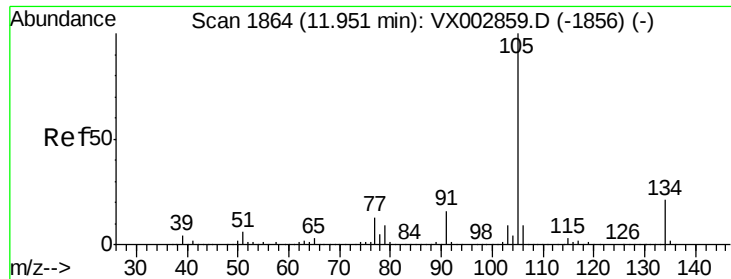
MMDadoda
6/28/2018 2:26:28 PM



#84
1,2,4-Trimethylbenzene
Concen: 50.46 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.8





#85

sec-Butylbenzene

Concen: 50.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062518

Tot Ion:105 Resp: 879325

Ion Ratio Lower Upper

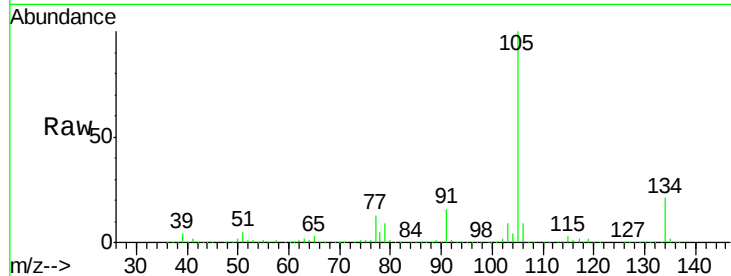
105 100

134 20.9 10.4 31.1

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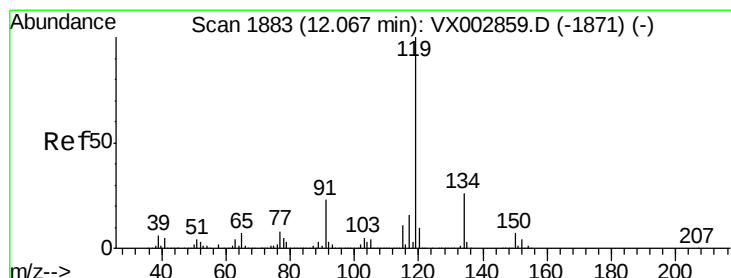
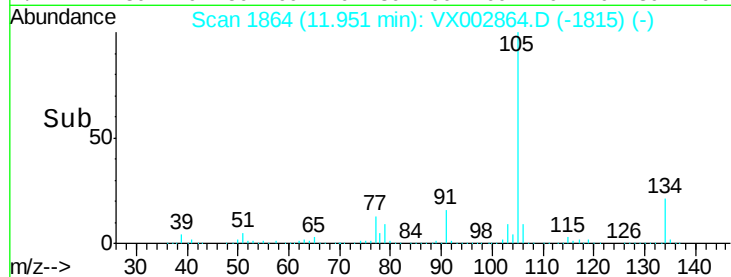
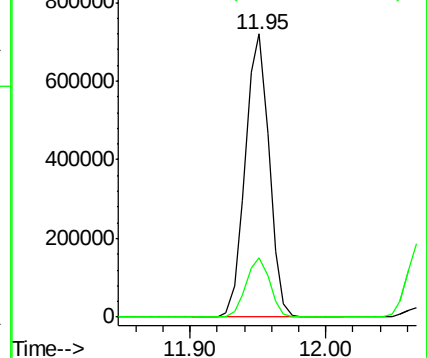
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

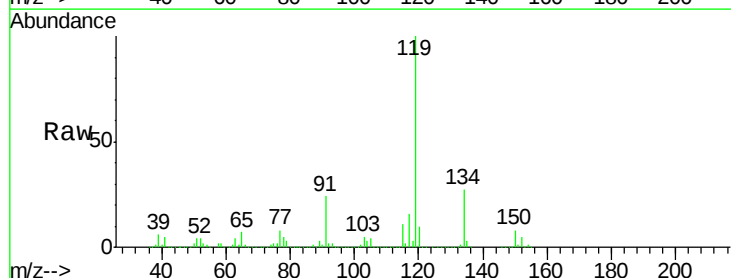
Tgt Ion:119 Resp: 814796

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

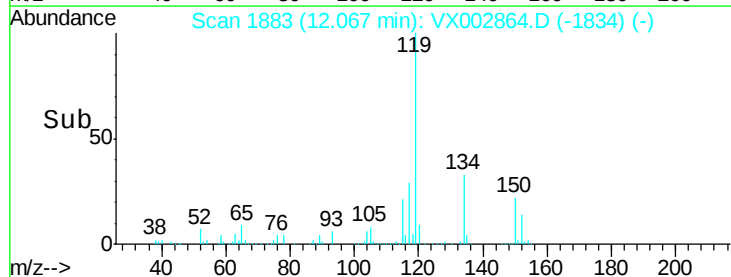
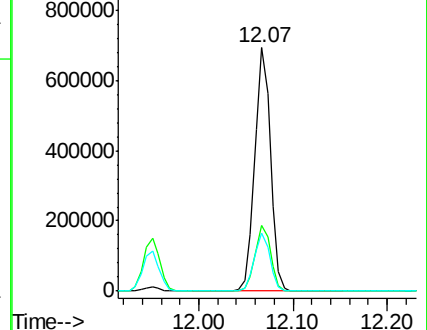
91 23.5 11.9 35.7

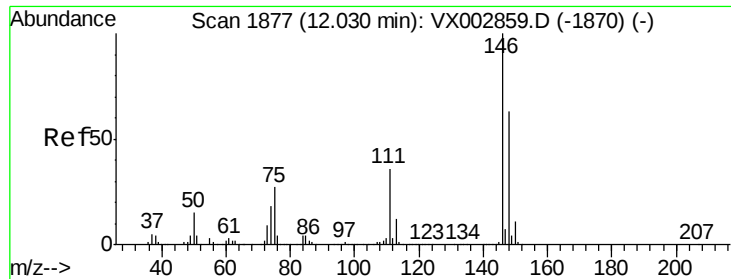


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.59 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

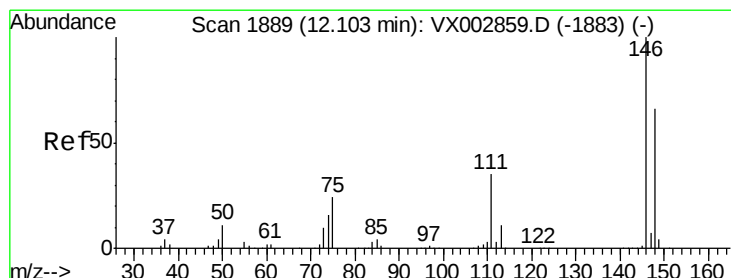
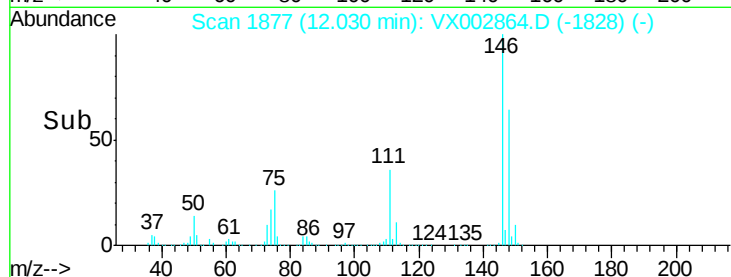
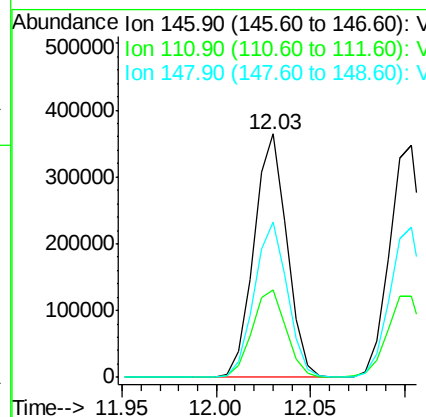
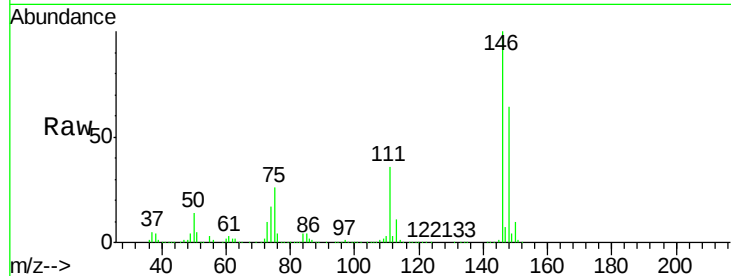
ClientSampleId :

ICVVX062518

Tot Ion:	146	Resp:	441854
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.9	56.7
148	64.0	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.59 ug/l

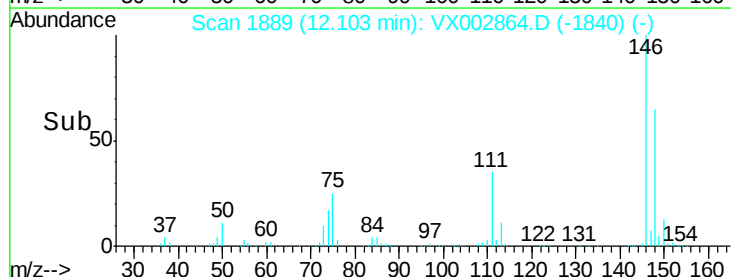
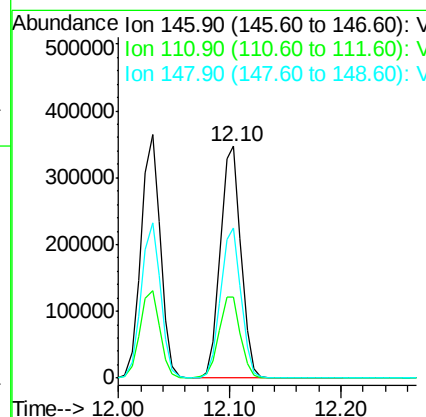
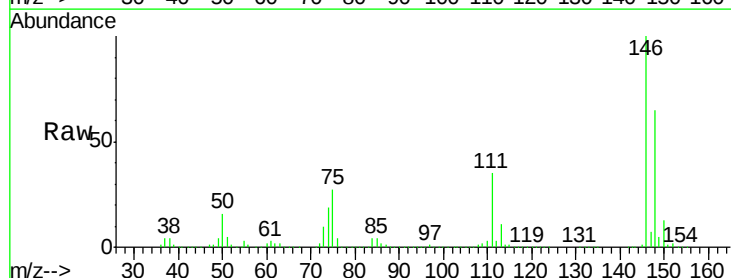
RT: 12.10 min Scan# 1889

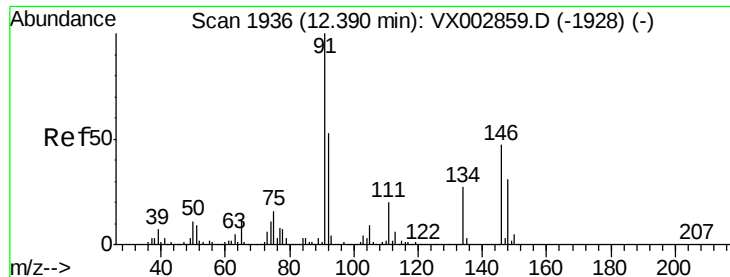
Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion:	146	Resp:	445505
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.7	56.1
148	64.4	32.4	97.0





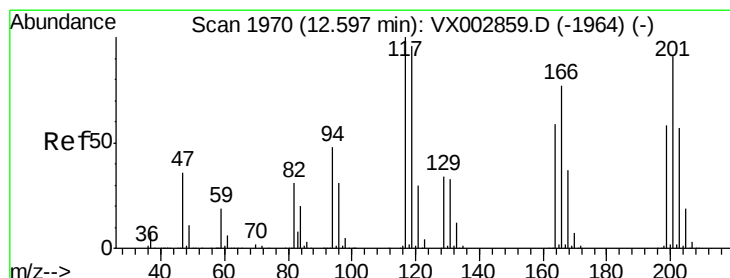
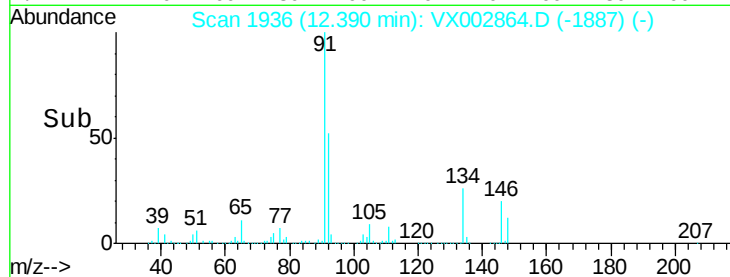
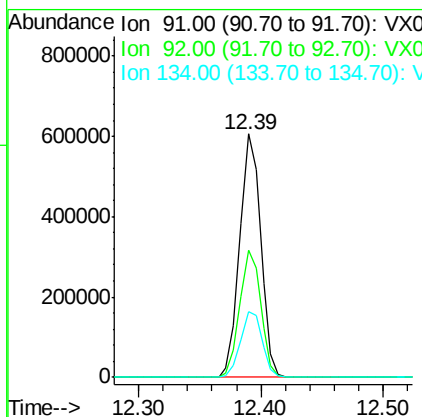
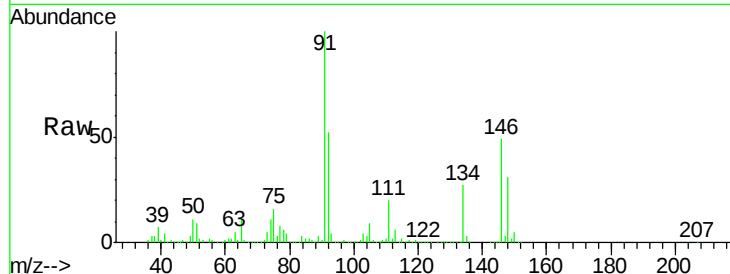
#89
n-Butylbenzene
Concen: 53.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062518

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	27.7	13.5	40.5

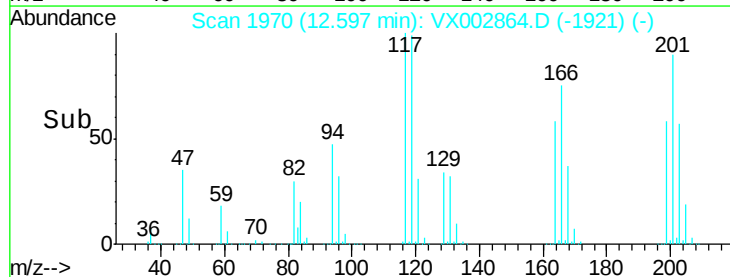
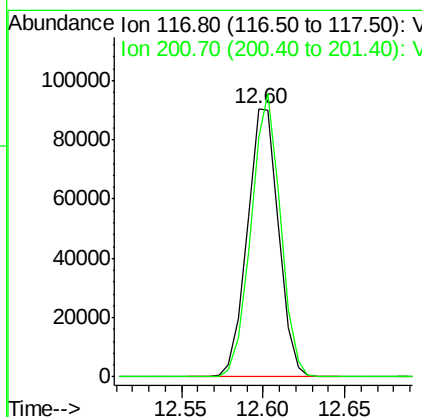
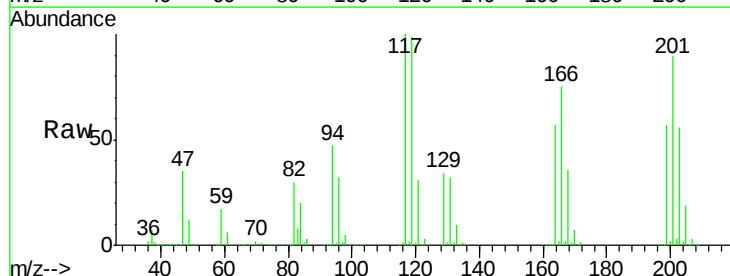
Manual Integrations
APPROVED

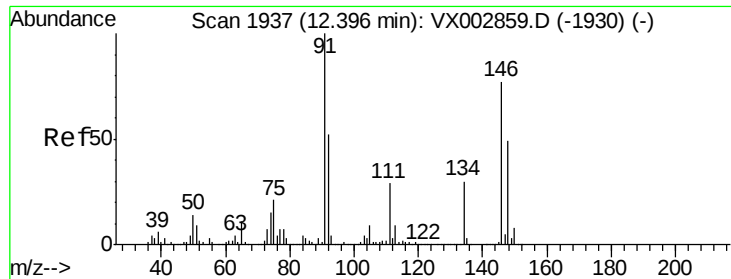
MMDadoda
6/28/2018 2:26:28 PM



#90
Hexachloroethane
Concen: 52.58 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.7	49.0	147.0





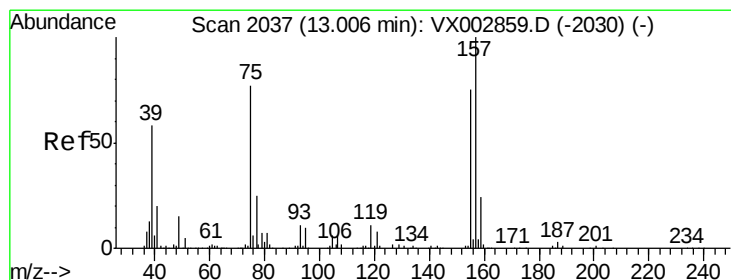
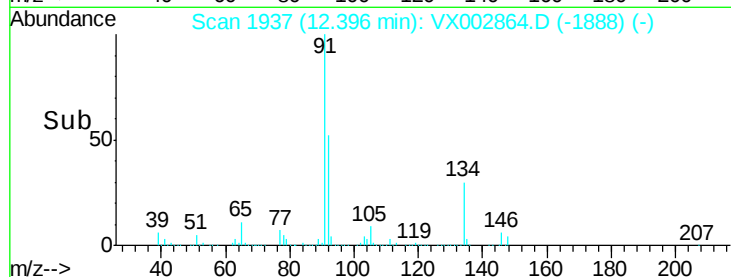
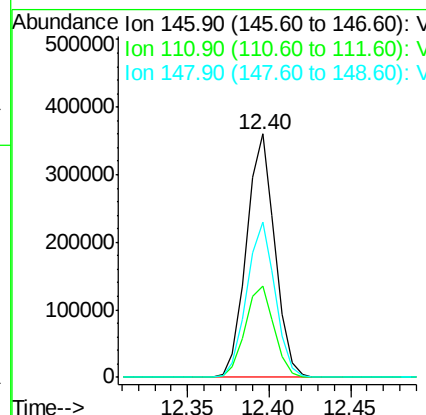
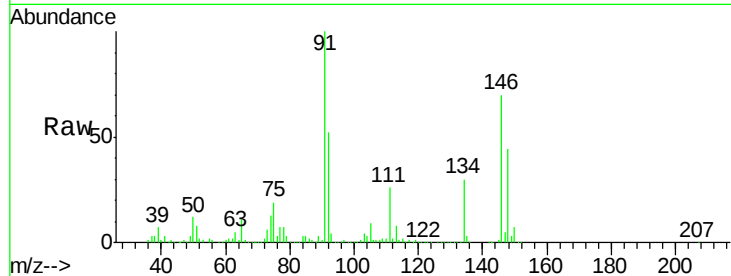
#91
 1,2-Dichlorobenzene
 Concen: 48.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.1
148	63.8	31.7	95.1

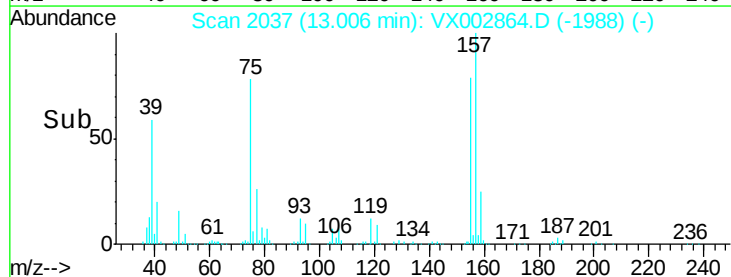
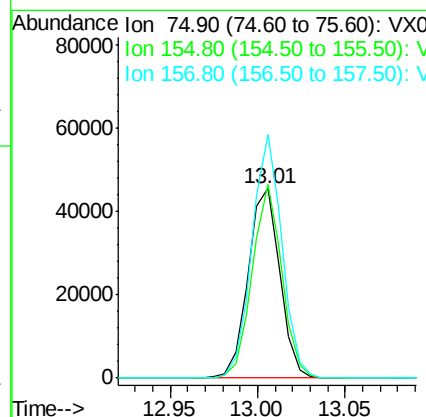
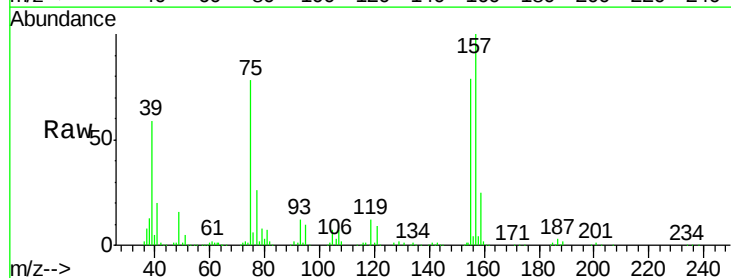
Manual Integrations
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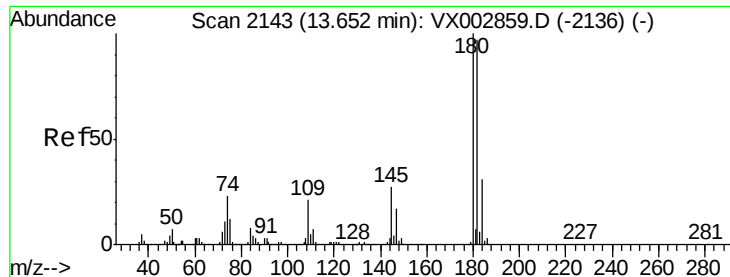
MMDadoda
 6/28/2018 2:26:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	45.8	137.4
157	121.7	60.1	180.3





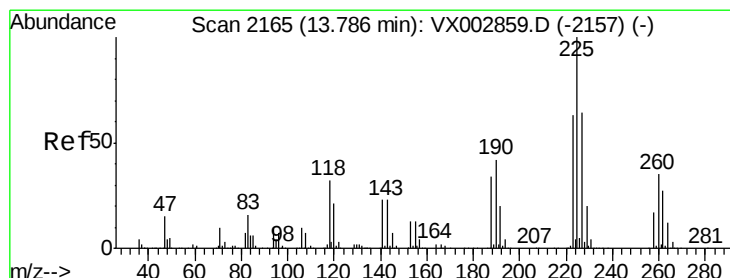
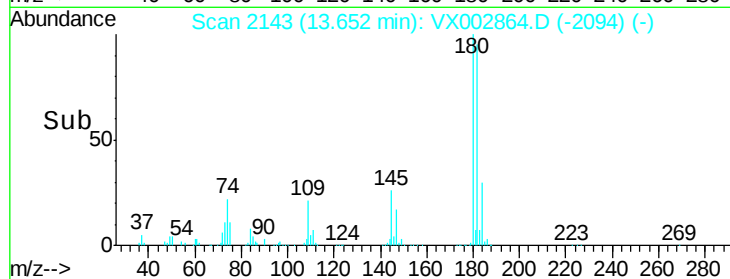
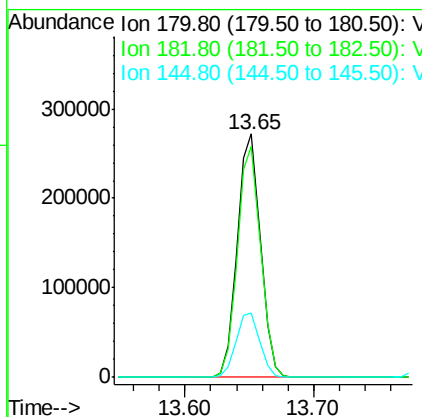
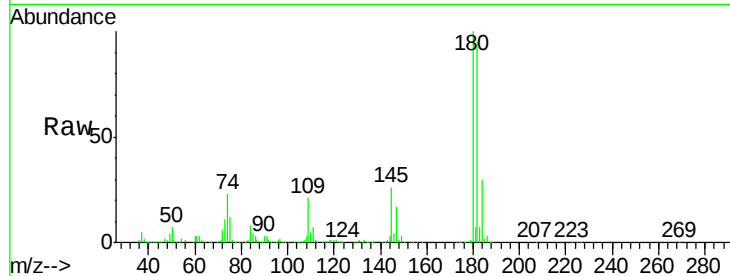
#93
 1,2,4-Trichlorobenzene
 Concen: 52.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062518

Tot Ion	Ratio	Resp	Lower	Upper
180	100	340791		
182	94.8	47.7	143.1	
145	27.2	14.1	42.4	

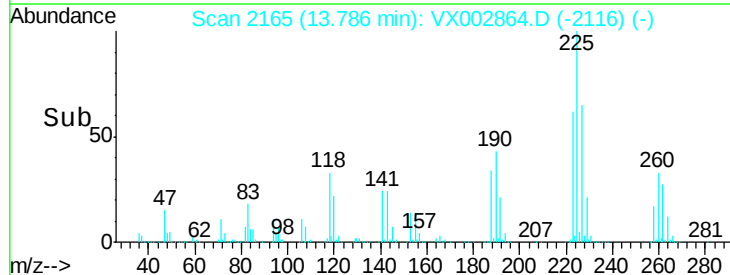
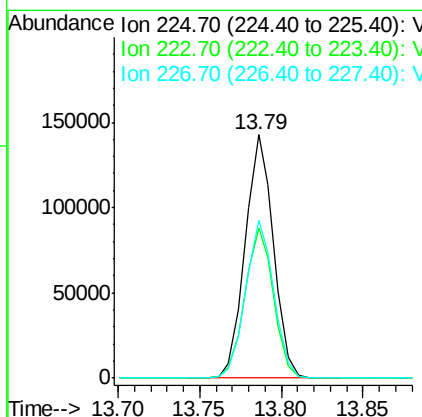
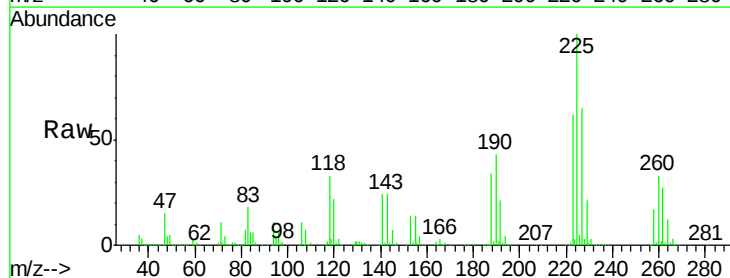
Manual Integrations
 APPROVED

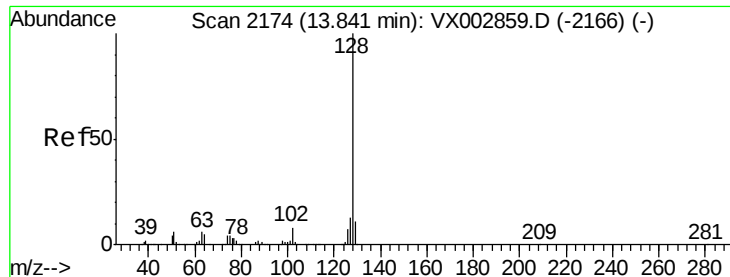
MMDadoda
 6/28/2018 2:26:28 PM



#94
 Hexachlorobutadiene
 Concen: 52.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172648		
223	62.3	31.6	95.0	
227	64.5	32.4	97.2	





#95

Naphthalene

Concen: 50.82 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

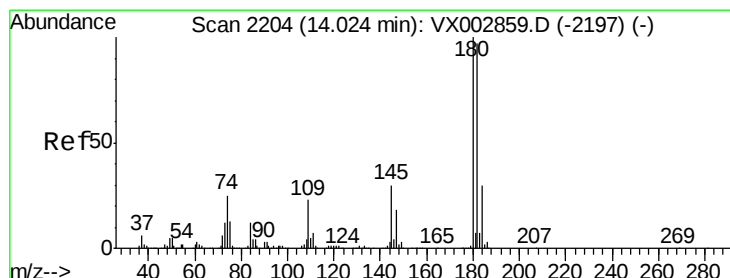
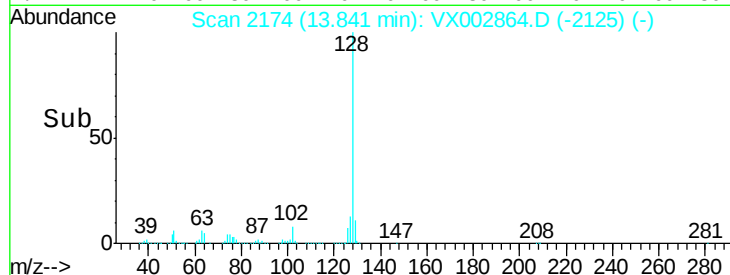
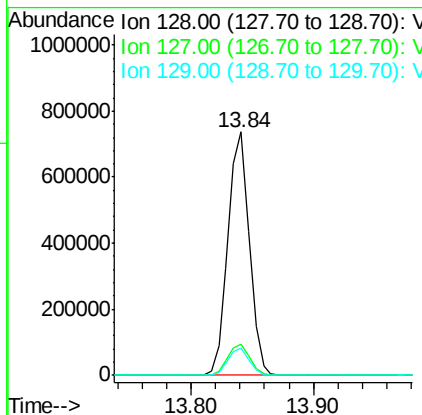
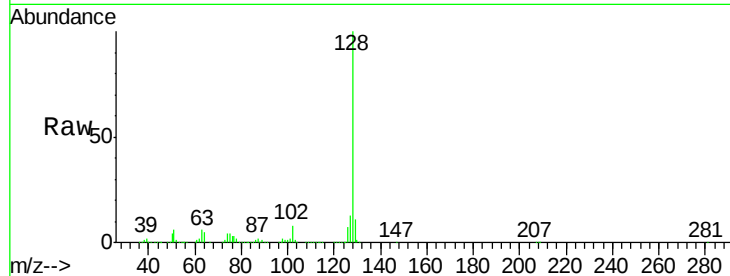
ClientSampleId :

ICVVX062518

Tot Ion:	128	Resp:	885819
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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6/28/2018 2:26:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.42 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion:	180	Resp:	336167
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.0	144.0
145	29.1	14.8	44.3

